



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

### Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

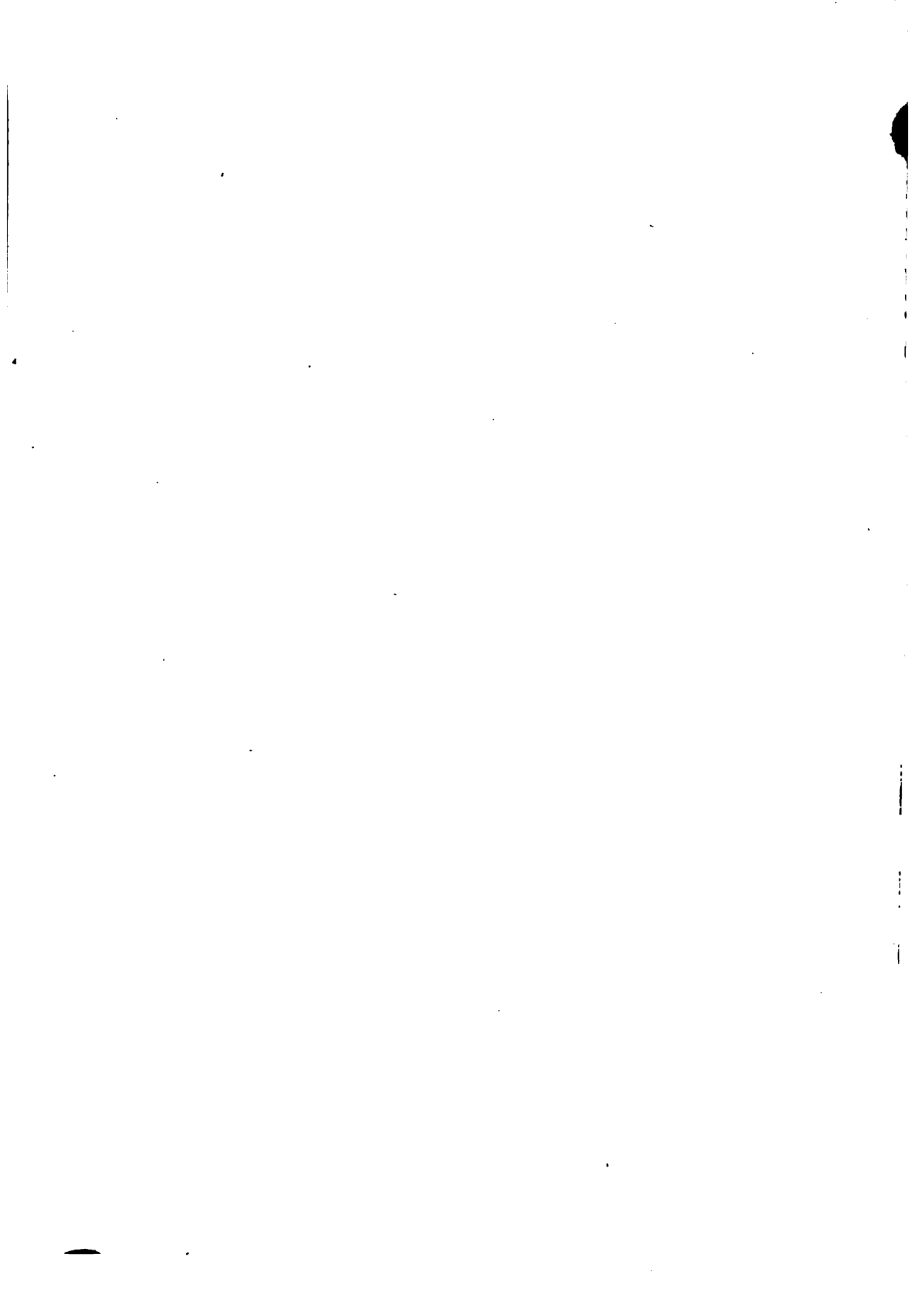
### About Google Book Search

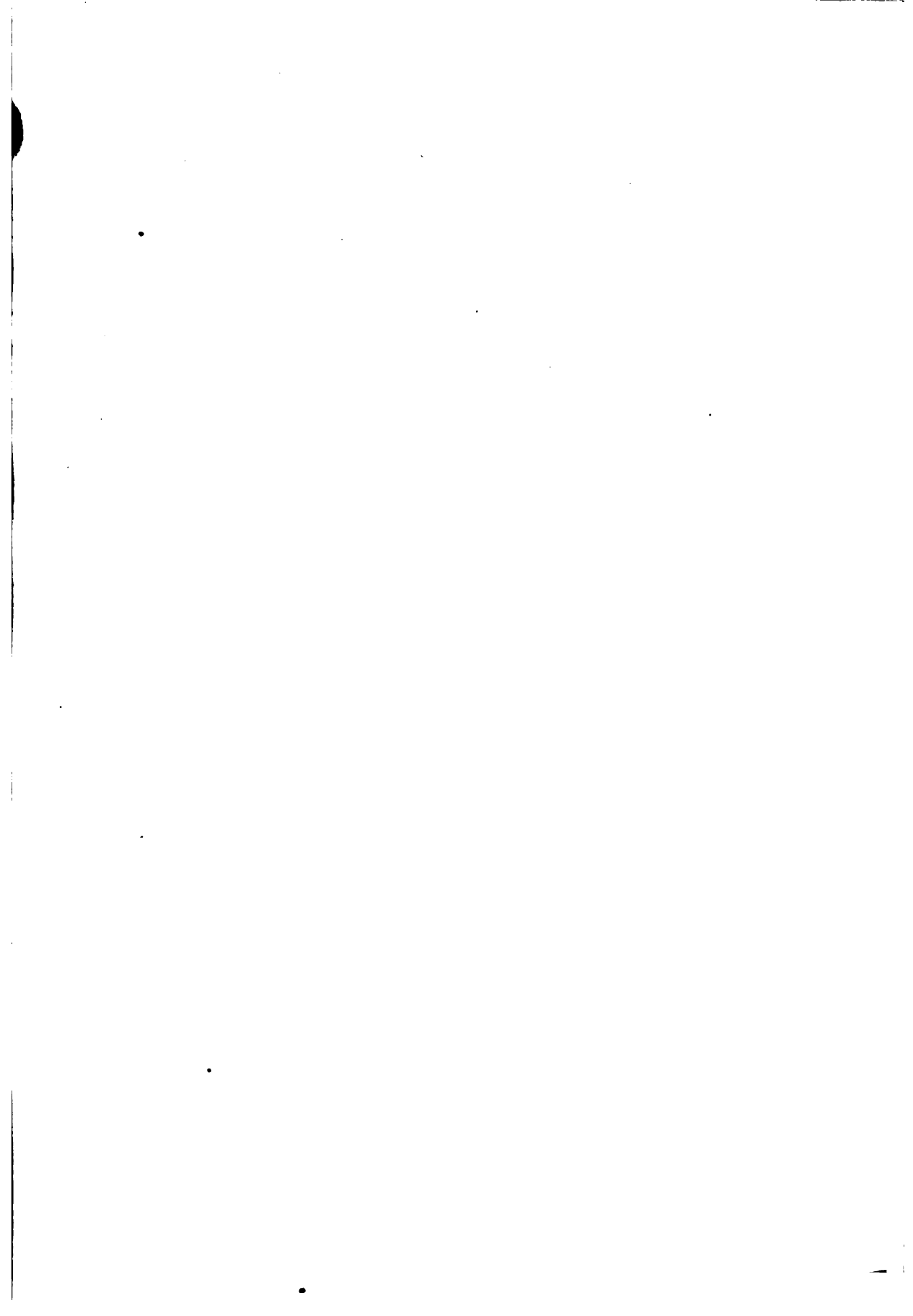
Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

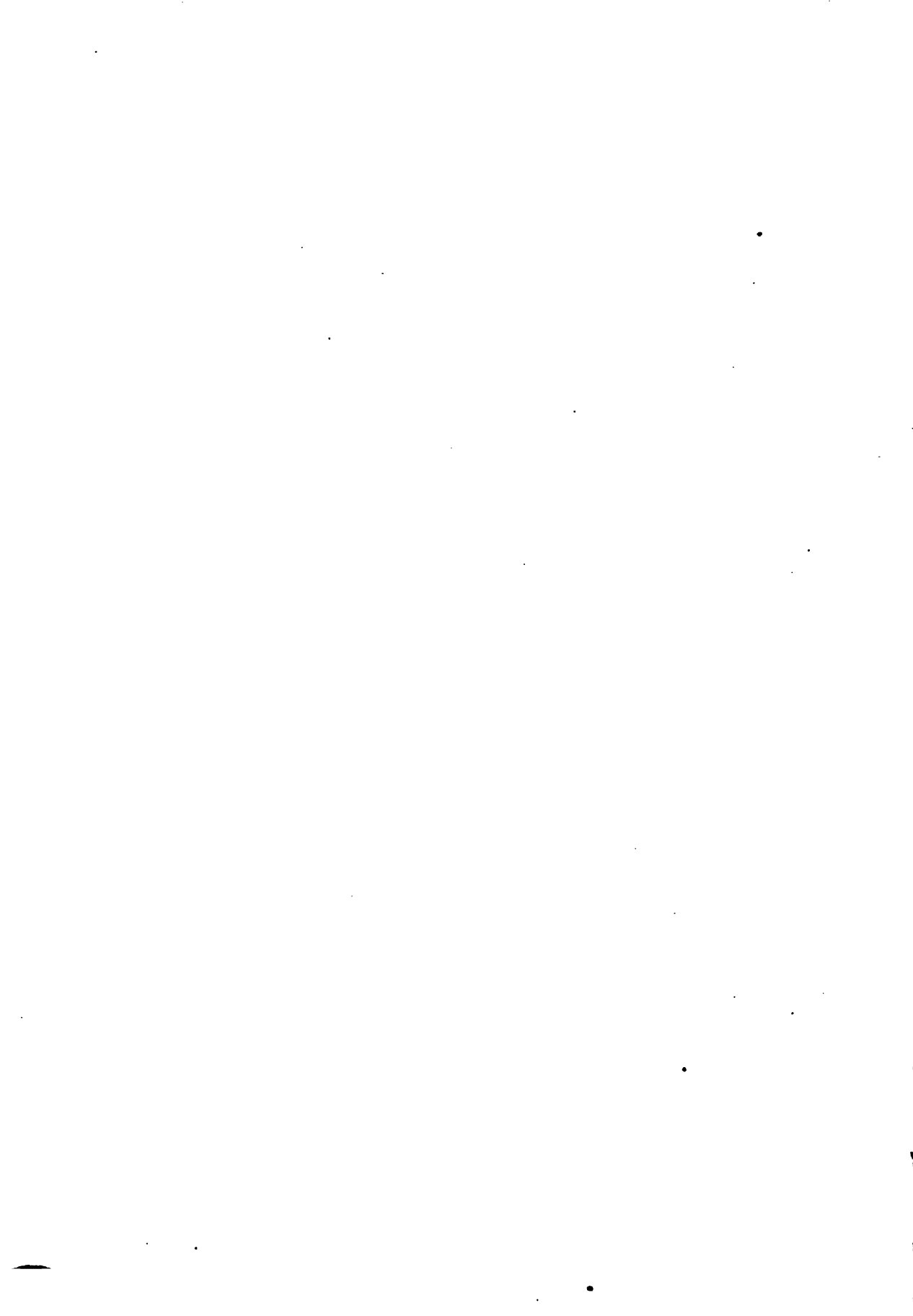












To learn to classify is in itself an education

*Alex. Bain*

---

# Decimal Classification

and

## Relative Index

for libraries and personal use

in arranging for immediate reference

books, pamphlets, clippings, pictures, manuscript notes  
and other material

by

Melvil Dewey M A LL D

Edition II, revised and enlarged

Forest Press  
Lake Placid Club  
Adirondacks N Y  
1922

KF 3480

Nr F1996

Matter of interest to users of this book will be sent from time to time to recorded owners. Send prompt notice of any change in address given on slip inserted opposite this note to

### Forest Pres Lake Placid Club Adirondaks N Y

Copyright by Melvil Dewey 1876; 1885; 1911; 1913; 1915; 1919  
Copyright by Library Bureau 1888; 1891; 1894; 1898  
Copyright by Lake Placid Club Education Foundation 1922

### Spelling

Simpler spellings are strongly recommended for general adoption by both American and English philological associations, including nearly all prominent scholars in English now living. We regret prejudice that certain users will feel against these changes, but after careful study of all objections urged, we find the weight of scholarship, reason and economy wholly in their favor, and feel compelled to bear a share of the prejudice which must endure before the great benefits of a rational orthography can be secured.

We use all simpler forms recommended for general adoption by the Simplified Spelling Board. Fuller information free from: S S B Secretary, 4 Emerson Hall, Harvard University, Cambridge, Mass. or from Forest Pres.

Beside these we also use in the Introduction many other simpler forms. Most S S B rules and our additions merely drop useless or misleading silent letters, with needed substitutes in a few cases, e.g. f for ph and gh in *phlegm* and *rough*, where we drop g and o and substitute f, spelling *flem* and *ruf*.

Some typographic errors have doubtless been overlooked, but we intend to spell as above.

Tables and Index already set in old spelling will not be changed till re-set when they are next revised.

See, at end of Introduction, p. 45-58, summary of compelling reasons for making these changes, and code of brief rules. Read them before criticizing our shorter and much better spelling.

### Modifying D C numbers

Confusion and annoyance to thousands of users caused by printing unauthorized variations force the publishers to insist strictly on full copyright protection. Every library and individual user has, however, entire freedom to make such variations as he thinks he needs, under the simple restrictions found necessary to protect the rights of others. See p. 32-349, Letter or symbol notations for changes or additions.



42 \* 253

# CONTENTS

	Page
EXPLANATION . . . . .	6
INTRODUCTION . . . . .	6
<b>Description</b> . . . . .	7-20
Origin and growth . . . . .	7-8
Extent of use . . . . .	8-9
What is the sistem? . . . . .	9
Notation . . . . .	9
Best known decimal form . . . . .	10
Relativ Subject Index . . . . .	10-12
What Relativ Index includes . . . . .	12
Explanation of tables . . . . .	12-13
Coordination . . . . .	13
New subjects . . . . .	14
Choice and arrangement of heds . . . . .	14
Sequence of allyd subjects . . . . .	14
Cachtitles . . . . .	14
Form distinctions . . . . .	14-15
Minute clasing . . . . .	15-16
Tentativ tables . . . . .	16
Nemonics . . . . .	16-18
Decimalism . . . . .	18-19
Relativ location . . . . .	19-20
Sizes on shelvs . . . . .	20
<b>Catalogs</b> . . . . .	20-21
Name catalog . . . . .	20
Shelflist . . . . .	20
Clas catalog . . . . .	21
Dictionary catalog . . . . .	21
<b>Advantajes</b> . . . . .	21-24
Shelvs . . . . .	21
Shelflist . . . . .	22
Accession book . . . . .	22
Pamflets . . . . .	22
Sale duplicates . . . . .	22
Charjing sistem . . . . .	22
Subject references . . . . .	23
Recataloging or reclassifying . . . . .	23
Adaptability . . . . .	23
Arabic numerals . . . . .	23
Endowment of special departments . . . . .	23-24
Summary . . . . .	24
<b>Sugjestions to uzers</b> . . . . .	24-30
Numeration . . . . .	24
Plan of Tables . . . . .	24
" Index . . . . .	25
Familiarity with clasification . . . . .	25
How to find subject of book . . . . .	25-26
Assyning clas numbers . . . . .	26-28
Number of figures uzed in clas number . . . . .	28
Bilding numbers . . . . .	28-29
Book numbers . . . . .	29-30



DECIMAL CLASIFICATION

<b>Variations practicabl</b> . . . . .	30-36
Cautions . . . . .	31
Letter or simbol notations for chanjes or aditions . . . . .	32-34
Fiction . . . . .	32
Juvenils . . . . .	32-33
Biografy . . . . .	33
Paralel libraries . . . . .	33
Combining languaj and literature . . . . .	34
Reference library . . . . .	34
Contractions for specialists . . . . .	34
Alfabet or cronoloyj for final subdivisions . . . . .	35
Broken order . . . . .	35-36
Pro and con division of topics . . . . .	36
<b>Bibliografic modifications</b> . . . . .	37-39
Accretion syn + . . . . .	37
Cupling syn - . . . . .	38
Relation syn : . . . . .	38
Form syn (o) . . . . .	38
Universality syn ∞ . . . . .	38
Place syn (3)-(9) . . . . .	38
Languaj syn = . . . . .	38
Time syn " " . . . . .	38
Jeneral points of view syn ∞∞ . . . . .	39
A to Z . . . . .	39
Sequence of syns . . . . .	39
<b>Other uses</b> . . . . .	39-41
Bookstores . . . . .	39
Offis files . . . . .	39-40
Scrapbooks . . . . .	40
Index rerums . . . . .	40-41
Topical indexes . . . . .	41
<b>Separates</b> . . . . .	41
<b>Aknowlejments</b> . . . . .	42-43
<b>Future of D C</b> . . . . .	43-44
<b>SIMPLER SPELING REAZONS AND RULES</b>	
<b>Reazons</b> . . . . .	45-49
Disgrace of present usaje . . . . .	47
Criminal waste of mony . . . . .	47
Criminal waste of skool time . . . . .	47
Adling brains . . . . .	47-48
English as world languaj . . . . .	48-49
Disregard of pedants rules . . . . .	49-50
Consistency . . . . .	50
Conciseness . . . . .	50
Can it be dun? . . . . .	50-51
<b>Rules</b> . . . . .	51-58
N E A 12 words . . . . .	52
S S B 30 words . . . . .	52
Simplifyd Speling Board alfabetic rules . . . . .	52-54
S S B 18 rules . . . . .	54-55
D C rules . . . . .	56
U S Jeografic Board rules . . . . .	57
Filolojists 10 joint rules . . . . .	57-58
<b>Sugjestions</b> . . . . .	58
Index to Introduction and Simpler speling . . . . .	59-61

CONTENTS

TABLES AND INDEX

First summary: the 10 main clases . . . . .	1	paje
Second " the 100 main divisions. . . . .	1	"
Third " the 1000 sections . . . . .	10	pajes
Tables of subsections of Jeneral works . . . . .	42	"
"    Filosofy . . . . .	11	"
"    Relijion . . . . .	20	"
"    Sociolojy . . . . .	47	"
"    Filolojy . . . . .	6	"
"    Natural syence . . . . .	51	"
"    Useful arts . . . . .	198	"
"    Fine arts . . . . .	18	"
"    Literature . . . . .	44	"
"    History . . . . .	101	"
		Paje
Index abbreviations . . . . .	614	
Explanation of Index . . . . .	615-16	
Relativ Subject Index . . . . .	617-974	
Alfabetic table of topics divided jeograficly . . . . .	975-77	
"    form divisions . . . . .	978	
"    languajes . . . . .	978-79	
"    filolojic divisions . . . . .	980-81	
"    literatures . . . . .	982-83	
Biscoe and Olin book numbers . . . . .	984-86	
Special author tables . . . . .	987-88	

## EXPLANATION

This Clasification divides knowlej into 9 main clases numberd 1 to 9. Cyclopedias, periodicals, etc. so jeneral as to belong to *no* one of these clases ar markt 0 (naught) and form a 10th clas. Each clas is similarly separated into 9 divisions, jeneral works belonging to *no* division having 0 in place of division number. Divisions ar similarly divided into 9 sections. This process is repeated as often as necessary. Thus 512 means clas 5 (Natural syence), division 1 (Mathematics), section 2 (Aljebra), and every aljebra is numberd 512.

Books on shelvs and cards in a clast catalog ar arranjed in simpl numeric order, all clas numbers being regarded as decimals. These Tables show order of subjects. Thus 512 Aljebra follows 511 Arithmetic and precedes 513 Jeometry. Since each subject has a definit number, all books on any subject stand together.

**Summaries** 1st summary shows the 10 clases. 2d shows the 9 divisions of each clas, and is useful as a 1-paje birdseye view of whole skeme. Then follow 10 pajes, 1 for each clas, which givs the 9 sections of each of its 9 divisions, and shows scope of the clas on a singl paje.

**Tables** These 3 summaries ar followd by ful Clasification Tables, which present in numeric order, all clases, divisions, sections and sub-sections. Sinonimus terms, exampls, brief notes, dates and cachwords ar often aded to simpl heds to giv fuller and clearer idea of scope of each number. Therefore all references to numbers shud be lookt up in *ful Tables*, never in Summaries, which ar in effect a contents table of the ful Clasification.

**Index** After the Tables an alfabetic Index of all heds givn in Tables refers by clas number of each to its exact place in Tables. This Index includes also sinonims and many other entries likely to help a reader find his subject eazily. Even a uzer who knows just where to turn to his subject in Tables, may, by consulting the Index, be put on trak of valuabl allyd matter which he wud otherwise overlook.

**Ful explanations** Ilustrations and sugjestions for numerus applications of this sistem, and ful explanations of its nemonic and other important features ar givn in the Introduction on following pajes.

## INTRODUCTION

[Simpler spelings ar strongly recommended for jeneral adoption by both American and English filologic associations, including nearly all prominent skolars in English now living.

The speling of this introduction has many more chanjes than we recommend for jeneral use at once. For convenient reference we hav included in 'Simpler speling reasons and rules' (p. 45-56) the famus 12 words adopted in 1898 by the National Education Association for all its official printing and correspondence, and adopted later by hundreds of periodicals, colejes and normal skools; also the 30 words, as a better tipical list with which to begin simpler speling; also the S S B rules, from which one shud select those which most appeal to him; also the 10 joint rules of American and English filologists, and selections from rules of U S Geographic Board. From these one may choose chanjes he is willing to make, knowing how ampl authority is behind them. We recommend that each one convinst of the importance begin with a few of these chanjes, ading others from time to time as he and his correspondents becum familiar with the new forms. That it 'looks queer' is admittedly the only argument left to objectors. This introduction is speld to show how it wil look if practicaly all these recommendations ar uzed. Sum with specially strong vizual prejudis wil hav attention distracted from the matter to the speling, but if with an open mind they wil try to concentrate on the meaning, they wil be surprized to find how quickly the new forms wil cease to annoy. Then if they continue reading them they wil soon be surprized to find that the old absurd common speling wil annoy. There ar very few simpler spelings in Tables or Index but we decided to show in Introduction how extreme chanjes wud look]

**Orijin and growth** The plan of this Clasification and Index was developd erly in 1873, the result of long study of library economy as found in hundreds of books and pamphlets, and in over 50 personal visits to libraries. This study convinst me that usefulness of libraries myt be greatly increast without aded expense. Only a fraction of the servis posibl cud be got from them without clasification, catalogs, indexes and other aids, to tel librarians and readers what they containd on any givn subject; yet, by methods then uzed, this cud be dun satisfactorily only at a cost so great as to be prohibitiv to all but a few welthy libraries. With rare exceptions, libraries wer growing rapidly. Catalogs, made at great cost, soon became antiquated. Methods uzed involvd frequent rearranjement, renumbering and remarking of books, and of necessity remaking of catalogs and indexes, as the only escape from a confuzion that seriously cripld usefulness. In this costly repetition, work of previus librarians was larjly lost. The great need was a sistem which wud enable each to stand on the sholders of his predecessors, and fully utilize their labors; which wud make work dun today permanent, insted of sumthing to be superseded in so few years as not to be worth doing in the best way; which wud supply the best applyances, insted of leaving yung librarians not only to lern how to work, but to make all their own tools.

Practical use for 49 years proves that this sistem wil accomplish this result; for with its aid catalogs, shelflists, indexes and references, essential to this increast usefulness, can be made faster and cheaper than by any method not having its essential features, and, when dun, they ar better and vastly more permanent. Practical utility and economy ar its keynotes and no theoretic refinement has been allowd to modify the skeme, if it wud detract from usefulness or ad to cost.

## DECIMAL CLASIFICATION

It was chiefly necessary to find a method that would clas, arranje and index books and pamflets on shelvs, cards of a catalog, clippings and notes in scrapbooks and index rerums, references to all these items, and indeed any literary material in any form, as redily as an ordinary index gyds to proper paje of a bound book. This difficult problem was solvd by izing no reference marks except the simplest simbols known to the human mind, arabic numerals with their uzual arithmetic values, and by aiding their unequald simplicity by many practical nemonic devices.

Tho the importance of clasification was recognized, the filosofic sistems proposed wer so difficult fully to understand or apply that not 1 person in 1000 cud uze them practicaly. Decimal Clasification simplicity and even more its Relativ Index hav made this work 10-fold eazier. In recent years, use of the sistem has spred rapidly in all civilized cuntries, meeting success in thousands of different applications. In its simpl form a skoolboy can quickly master it and keep for instant referance not only his books but every note, clipping or pamflet. Almost every profession and occupation has lerned its wonderful laborsaving powers. It is in daily use by miriads of business and professional men who wud never even attempt to understand or uze the old sistems.

By mere adition of figures, without chanjing this shorter form, this very simpl sistem is redily made to record the utmost refinements of specialists, and the Relativ Index, as simpl as a, b, c, sends the novis to the exact place where the expert has clasifyd the matter sought. Thus 942 is history of England, and 942.99055 is history of County Pembroke in Wales, under Elizabeth, 5th of the Tudors. A colon between 2 numbers to mean 'in relation to', and other combining simbols for time, languaj etc. make of the sistem a compact shorthand for each fact. (See p. 37<sup>l</sup>-39<sup>s</sup>.) But this brevity is les important than the eaz with which matter so markt can be aranjed (giving figures and decimal point their common arithmetic value), stored as compactly as wisht and found again in the least posibl time.

The sistem has been found equally valuabl for cataloging, indexing, analyzing and summarizing, and for clasifying, numbering and arranjing books and pamflets on shelvs. For notes on other uses, see p. 39<sup>s</sup>-41<sup>s</sup>.

The 1st edition, publisht in 1876, 12 pajes of tables containing 1000 sections, was criticized as altogether too elaborate for even a larj library. As fast, however, as the Relativ Index with its remarkabl powers became known, the rapidly increasing uzers askt for further subdivisions, til Tables hav grown from 2600 entries in Index of 1876 to 40,000 in this edition 11, becauz it has been found so eazy to gain the admitted great advantajes of close clasification, and yet, by means of this Index, avoid the old difficulties.

**Extent of use** The rejister of libraries which hav actualy adopted it, tho growing rapidly, is incomplete. Libraries often uze the sistem for many years before we lern the fact. We rejister all byers of the Clasification, so far as known, but do not assume that a library has adopted the sistem becauz it has orderd the book.

EXTENT OF USE

The table below shows the growth of the 11 editions. The nearest estimate gives several thousand libraries, beside a great number of private book owners and literary workers having the system in daily use.

Edition	Date	Number of pages				Increase	Copies printed
		Preface, etc.	Tables	Index, etc.	Total		
1	1876	12	12	18	42		1000
2	1885	66	162	86	314	272	500
3	1888	4	227	185	416	102	500
4	1891	41	234	191	466	50	1000
5	1894	"	235	"	467	1	2000
6	1899	"	260	210	511	44	7600
7	1911	48	420	324	792	281	2000
8	1913	"	462	340	850	58	2000
9	1915	"	465	342	856	6	3000
10	1919	"	517	374	940 <sup>1</sup>	84	4000
11	1922	61	551	376	988	48	5000

**What is the system?** A Subject Classification with a Relativ Index<sup>2</sup> so numbered or lettered that reference is compact, accurate and quick, is the essential feature, and anything beyond this is merely applying this plan with various helps and accessories. Any subject classification with a *relativ* index in which the entry indexes a book in the ordinary way, and also indexes shelves, cards, clippings or any other literary material, is a form of this system.

**Notation** We devised and experimented with several notations by means of numbers, letters, and combined numbers and letters, with bases of 26, 35, 50, 100 and 150, yet none seemed good enough to warrant publishing details, except that here printed, based on simple arabic numerals with their usual decimal powers. International adoption of this system is largely because no one ever complains that any classification is too simple, while there is constant complaint of complexity. Decimal simplicity has so commended itself that many think of it as the only form, though obviously it would be just as much the 'relativ index system' if the classifications were wholly marked by letters or other symbols,

The Subject Index is the simplest application of a, b, c, the symbols next in simplicity to 1, 2, 3. This use of the simplest 2 sets of symbols known, with their common meanings, has given our notation its worldwide reputation as the simplest yet devised.

<sup>1</sup> Thru mistaken numbering printed as 936.

<sup>2</sup> The author is interested only in the usefulness of the system, not in questions of priority of its invention, extended investigation by others fails to show that this most important feature of the system — the Relativ Index, on which all else hinges — had ever before been used as here to index by a single reference most diverse material. Relativ location had been used, but not in the present combination with the subject index, which gives it most of its value. The Classification Tables, while adopting suggestions from many sources, are original in their system of arrangement and notation, and in many minor features. The decimal form and many mnemonic features have not been found in earlier use, though since their invention in 1873, these as well as the Subject Index and other features have been very frequently copied, often with, but oftener without, acknowledgment of their source. But we are glad to find this system, which has cost so much labor, doing good service even for those who neglect to mention where they found so valuable a labor-saving literary tool.

**Best known decimal form** Decimal form means simply that heds ar groupd and numberd with common arithmetic figures uzed decimaly. This, the only decimal form thus far carefully elaborated and publisht, is commonly spoken of as if it wer the only posibl form of our orijinal plan; tho obviously an infinit variety of 'relativ index sistems' in decimal form *could* be made by filling the outline with different heds, or with the same heds in different order.

To make out new heds involvs labor and cost vastly beyond the dreams of any person who has not tryd exactly this work. Time actualy spent on tables here printed, by varius committees and individuals, totals many years and has cost many thousand dollars. Uniform and urjent advice of the experienst is to adopt a poorer skeme already made rather than undertake so herculean a labor. When dun, the maker may possibly be better suited with it, but few if any others wil be. It is wizer for anyone whose time is of value, to uze it in sumthing more practicaly useful to himself and his library than in trying to construct a 'satisfactory' skeme of clasification. No one yet ever wholly suited himself or anyone else, and probably no one ever wil. By adopting this already workt out he saves much time and money, gains the immense advantaj of uzing a sistem in common with thousands of others, so that he may utilize their labors and investigations and share with them economies of cooperation.

**Relativ Subject Index** This alfabetic Index, the most important feature of the sistem, consists of hedings gatherd from a great variety of sources, as uzers of the sistem hav found them desirabl in 49 years experience. After all these efforts, many new heds ar aded in each new edition.

The Index gyds in both numbering and finding books. In assyning numbers, the most specific hed that wil contain the book having been determind, reference to that hed in Index givs proper clas number. Conversely, in finding books on any givn subject, reference to Index givs number under which they ar found on shelvs, in shelflist, or in clast catalog. When any new subject cums up, interline it and its sinonims in Index, with clas number decided on, so clasifyer may be uniform with himself in future work.

The Index givs similar or sinonimus words, and the same words in different connections, so any intelijent person wil surely get the ryt number. A reader wishing to know sumthing of the tarif looks under T, and, at a glance, finds 337 as its number. This gyds him to shelvs, to all books and pamphlets, to shelf catalog, to clast subject catalog on cards, to clast record of loans, and, in short, in simpl numeric order, thruout the whole library to *anything* bearing on his subject. If he turns to Tables, he sees that it means clas 3, Sociolojy; division 3, Economics; section 7, Protection and free trade; but the number alone is enuf to clas the book or find it, for iether clasifyer or reader. If he had lookt under P for protection, or F for free trade, or D for duties, or C for customs, or under any other leading word relating to his subject, he wud hav been referd to 337, or sum one of its subdivisions.



## RELATIV SUBJECT INDEX

Had he lookt for 'railroad' he wud hav found after it 22 separate entries, each preceded by a word or fraze indicating the faze of the subject in the skeme. A book on railroads may treat of the desirability of government ownership, control etc. and then is clearly a question of social syence; or it may be a practical handbook for an employe, explaining business methods of railroading, running trains, handling freight, etc. when it is as clearly one of the useful arts. The clasifyer knows to which of these heds his book belongs, and the reader knows in which of its fazes he wishes to examin the subject. Moreover, 3 and 6 beginning the numbers clearly indicate caracter of each clas. But even if significance of these figures is entirely disregarded, no confuzion results, for, on consulting iether number in catalog, in skeme, or on shelvs the difference is clearly seen. In other cases, it is more useful to keep books on the same subject together, tho treated from different standpoints. A glance at the Index tels iether reader or clasifyer which plan has been adopted.

All topics in blakface typ in Index ar further divided in Tables, where one may see the subheds. This saves reprinting all these subdivisions, which wud increase Index bulk many-fold; e. g. if one having a book on 'prison labor' looks in the Index for 'Convict labor' or 'Prison contracts', he finds at once its special number 331.51; but if, on the other hand, he thinks to look only for jeneral subject 'Labor', he finds in blakface typ the entry 'Labor, political economy, 331', and turning to Tables he finds under 331 the subdivision '331.51, Convict labor', the exact topic in hand.

The greatest objection to a clast catalog has always been the difficulty in knowing just where to clas a book and just where to look for it when again wanted. Different librarians, or the same librarian at different times, clast the same or similar books in widely different places. Where one man did all the work for many years, there was a degree of uniformity; but even then there was danjer of looking at the same book at different times from different viewpoints, thus cauzing confuzion. When the daily pres is ful of one faze of a subject, tendency is strong to clas all books on this subject from current viewpoint; and next year, if a different side of this same subject is before the public, there is same tendency to clas books from new viewpoint, thereby separating similar books and bringing together books on different fazes. But fortunately, practical usefulness does not require that the ideas of this or that one be followd, but only that books of same caracter be always put in same place, and that there be sum means of knowing redily what that place is. The Relativ Index, with its cach-words, was desynd and is found in use to meet both these requirements, for it insures that books on same faze of any subject cuming before the clasifyers shal be assynd to same place, and that any reader seeking these books shal be referd instantly to that place. If this is dun, all requirements of a good clasification ar fild. If it is not dun, the sitem is a failure; for the only real test of any skeme is its helpfulness to its uzers.

Sum prominent opponents of clast catalogs admit that the Relativ Subject Index, in deciding where to clas a book at first and where to look for

## DECIMAL CLASSIFICATION

it ever afterwards, has removed their strongest objections. Certainly it wud be imposibl to make an Index more compact or eazier of reference.

This Index allows a great part of the work of clasifying to be dun in advance by experts in larj central libraries with ampl resources, thus securing, at a mere fraction of uzual cost, better and more uniform results than wud be posibl to the ordinary clasifyer and reducing labor to much narrower limits than ever before.

To these thousands of subjects hav been carefully assynd their individual numbers, many of them after long consideration and consultation with specialists. No one person is lerned enuf to clas wizely books on all subjects and syences; but botanists can assyn all botanic subjects to the ryt number, mathematicians all mathematical topics, and thus the Index wil in time becum as accurate as the best skolarship of the day can make it. Even if the decision reacht is not always wizest, all practical purposes ar servd, becauz, as each clasifyer copies the number from same Index, all books on that subject ar together; and, as each reader gets his number from this same Index, he goes directly to the book he seeks.

**What Relativ Index includes** The Index, containing 40,000 entries and constantly being enlarjd by ading new subjects, aims to include all topics exprest or implyd in Tables, together with every corresponding sinonim likely to be sought, but does not include most names of cuntries, towns, animals, plants etc. except when mentiond in Tables; e. g. it can not enumerate all species of trilobites, but when clasifyer has found from proper reference books that Remopleurides is a trilobite, the Index sends him to 565.39, and he can clas his monograf on that subject.

**Tables** The essential complement of the Subject Index is the Tables of Clasification, so mapt out as to show in 4 ways — viz, by size of typ, face of typ, indention, and number of figures prefixt — each subject's rank in the Clasification.

The field of knowlej is divided into 9 main clases, numberd 1 to 9. Cyclopedias, periodicals etc. so jeneral as to belong to *none* of these clases, ar markt 0 (naught), and form a 10th clas; e. g. clas 1 is library of Filosofy; clas 5, library of Syence; clas 9, History, etc. These special clases or libraries ar then considered independently, and each is separated again into 9 special divisions of the main subject, numberd 1 to 9, as wer the clases, jeneral works belonging to *no* division having 0 for their division number. Thus 59 is division 9 (Zoolojy) of clas 5 (Syence). A 3d division is then made by separating each of these divisions into 10 sections, numberd in same way with 0 and the 9 dijits; and this decimal subdivision is repeated, til it secures as many subsections as may be needed in any topic. Thus 513 is section 3 (Jeometry) of division 1 (Mathematics) of clas 5 (Natural syence). This number, giving clas, division, section and sub-section, if any, is cald the clas number, and is applyd to every book and pamphlet belonging to the library. All jeometries ar thus numberd 513, all mineralojies 549, and so thruout the library all books on any givn subject bear the number of that subject in this skeme.

## TABLES

Where 0 occurs before the decimal point in a class number, it has its normal zero value. Thus a book numbered 510 is class 5, division 1, but *no* section; i. e. treats of division 51 (Mathematics) in general, and is limited to no 1 section, as is geometry, marked 513. 500 indicates a treatise on science in general, limited to no division. 0 occurring in the 1st place would in the same way show that the book was limited to no class; e. g. a general cyclopaedia which treats of all 9 classes.

With the same 'general' sense, 0 is often used to indicate change in character of subdivision, meaning in this case 'basis of subdivision changes at this point', i. e. figure (or figures) following 0 apply to what precedes *in general*, e. g. 505 indicates science in general treated in the form of a periodical. In history, classification is by countries (i. e. *geographic*) and as minute geographic divisions are needed for travels, guide books, and various other uses, the figures 1-9 are generally used for geographic subdivisions and again for further geographic subdivisions, as far as needed, and 0 followed by another figure for time division, i. e. the figures before the 0 indicate the locality as a whole, while figures after the 0 indicate the special time at which the history of the locality is being considered; e. g. 942.06, consisting of 942 (*geographic* division) and 06 (*time* division), means history of England in general in time of the Stuarts, while 942.6 and 942.67 mean respectively history of eastern England and history of Essex co., to which the same time division may be added, giving 942.606 and 942.6706 as the history of those localities under the Stuarts. As any subdivision may, by adding figures 1-9, be given 9 further subdivisions, any desired degree of minuteness may be secured in classing special subjects.

**Coordination** Theoretically division of every subject into just 9 parts is absurd. Practically it is desirable to class as minutely as possible, without use of added figures; and decimals, on which our scheme hinges, allow 9 divisions as readily as fewer. This has proved wholly satisfactory in practice, though apparently destroying proper coordination in some places.

Where more than 9 divisions are needed the difficulty is commonly obviated by grouping on single numbers the subjects most closely allied, or by assigning 1-8 specifically to most important subjects and grouping minor subjects on 9 as 'Other.' Since any of these groups may be further subdivided for specific topics as needed, provision is thus made for an unlimited number of subjects.

As in every scheme, many minor subjects are under general heads to which they do not strictly belong. In some cases, these heads are printed in distinctive type; e. g. 829 Anglo-Saxon, under English literature. The rule has been to assign these subjects to the most nearly allied heads, or where it was thought they would be most useful. The only alternative was to omit them altogether. If any such omission occurs, it will be supplied as soon as discovered, for we intend to provide in the Tables a place for every known topic.

**New subjects** A new topic is always closely related to some existing heading. If there is no blank number available it is combined with the heading nearest ally, and, when important enough, abundant room for the new number is made by adding another decimal. The system is thus capable of unlimited expansion, and can never break down for lack of room for growth.

**Choice and arrangement of headings** Detailed explanation of selection and arrangement of the many thousand headings would be tedious; but everywhere philosophical theory and accuracy have yielded to practical usefulness. The impossibility of making a satisfactory classification of all knowledge as preserved in books, has been appreciated from the first, and theoretical harmony and exactness have been repeatedly sacrificed to practical requirements.

**Sequence of allied subjects** Wherever practicable, headings have been so arranged that each subject is preceded and followed by most nearly allied subjects, and thus added convenience is secured both in class catalogs and on shelves; e. g. Building (690) follows Mechanical trades (680) at end of Useful arts, and Architecture follows at beginning of Fine arts.

Students of Biology (570) find fossil life or Paleontology (560) before, and vegetable life or Botany (580) after, this followed in turn by animal life or Zoology (590), ending with Mammals (599); while Useful arts (600) begin with human Anatomy (611) under Medicine, thus giving a regular growth from fossil plant through vegetable and animal kingdoms to living man.

**Catchwords** In naming headings, strict accuracy has often been sacrificed to brevity, for short familiar titles are more important than that terms chosen should express fully and exactly character of all books classed under them. Many subjects, apparently omitted, will be found in the Index, associated, with allied subjects, to a heading which bears the name of the most important only. Reference to the Index will decide at once most doubtful points.

**Form distinctions** The classification is mainly by *subject* or *content* regardless of form (see p. 26<sup>5</sup>) but an added form distinction for general treatises is found practically useful.

Thus, in Science there are many compends, dictionaries, essays, periodicals and societies, treating of Science in general, and so having 0 for the division figure, but treating it under different forms, and therefore divided into sections according to this form: 501 for philosophy or theories of Science, 502 for compends, 503 for dictionaries. This treatment is as nearly as practicable, uniform in all classes. Creasy's '15 decisive battles' is 904, the 1st figure being 9, because the book is clearly history; the 2d figure 0, because limited to no division of class 9; and the 3d figure 4, because the book is a collection of essays.

The 10 main classes are regularly divided by form, e. g. 809, history of literature in general. For divisions, sections or subsections having enough general material to make such division advisable, form numbers, preceded by 0, may be used (e. g. 820.9, history of English literature; 821.09, history of English poetry), except when 0 and the following number have been other-

## FORM DISTINCTIONS

wize assynd, e. g. 821.04 English lyric poetry, *not* essays on English poetry; 942.05 England in time of the Tudors, *not* a periodical on English history. A history of English literature is 820.9, not 809, becauz every book belongs to the *most specific hed* that wil contain it; so 809 is limited to histories of literature in jeneral. Books treating of many clases, such as jeneral cyclopedias or periodicals, go in clas 0 and ar then divided by form into cyclopedias, periodicals, soçyeties or newspapers.

Do not confuze form number 07, meaning 'methods of study or teaching' with number for same subject under 375, which is for its value as a means of education, or for its curriculum place.

These form distinctions ar introduced at the beginning of the clas becauz the number of jeneral works is larj, and these 1st numerals wud otherwise be unuzed.

Form divisions always hav the same set of numbers, preceded by 0, viz: 1 filosofy, theories etc. 2 compends, outlines; 3 dictionaries, cyclopedias; 4 essays, lectures, letters etc.; 5 periodicals, magazines etc.; 6 soçyeties, associations, transactions, reports etc.; 7 education, study, teaching, training etc.; 8 poligrafy, colections etc.; 9 history. Thus a periodical on a subject has the subject number followd by 05; e. g. a periodical on public helth, 614.05.

But if the number alredy ends in 0, 0 is not repeated before form-division figures; e. g. a zoologic magazine is 590.5, not 590.05.

**Minute clasng** On first publication in 1876, a common criticism was that 1000 heds cud never be successfully uzed, however desirabl so close clasification myt be. As soon, however, as actual experience proved it as eazy to uze 1000 heds in the new sistem as 100 in the old, the obviusly great practical value of close clasng led one uzer after another to urj strongly publication of more subdivisions. Minute as ar many now givn there ar none that sum hav not askt for and almost none that others hav not declared needless. Subdivisions ar made in such a way that one may uze all, or any part and ignore the rest without difficulty or confuzion, thus allowing each to uze minute subdivisions where he wishes or needs them, without being forst into refinements in subjects where he has few books or litl interest. Since the degree to which any skeme shal be applyd is optional with each clasifyer and close analisis is useful to everyone in defining content or in clarifying differences between related subjects, even elaborate skemes ar printed in ful if no essential objection has been bro't against them by the best qualifyd critics. The 1st 3 figures only may be uzed when preferd, and the rest show the scope of the subject. On many topics minute subsections ar printed simply for this purpose, and for use in indexing periodicals, transactions of soçyeties, and in keeping notes. Note typ is uzed for topics clearly useful only to specialists or as showing scope. Many others probably belonging in same category, if doubtful ar in regular typ of their grade.

## DECIMAL CLASIFICATION

The advantaj of close clasing is unquestiond, if the uzer knows just what it is. With this plan it is not only practicabl, but comparatively eazy. If there ar only 10 books on a givn topic, it is useful to hav them in groups among themselvs, for otherwise they wud hav only accidental order, which is of servis to no one. A reader wishing a specific book shud go, not to shelvs, but to catalog, where he can find its place quickest. If he wishes a specific subject, he is sent instantly to its exact place by the Subject Index. If he wishes to study the library's resources at the shelvs, he will be *greatly helpt by minute clasing*. A teacher showing his pupil the material on any subject, wud, if there wer only 20 books, surely *put together* those covering same points, even if there wer only 2. Much more shud librarians group closely their greater colections, that readers may gain sumthing of the avantajes of an experienst gyd.

Thus every specialist has his own special library. If a student of syence in jeneral, he is sent to clas 5; if his department is zooology, his library is 59; if his specialty is shels, he finds all works and referenes on that subject in library 594. Whether a specialist needs it or not, every subject, being a library by itself, shows resources and wants as no catalog can. A catalog can not be made to take satisfactorily the place of handling books themselvs. This advantaj weighs most in a colej or socyety library, where many go to the shelvs; but even if only librarians ar admitted, close clasing is worth its cost becauz of aded power givn.

**Tentativ tables** More and more minute subdivisions hav been specialy cald for til the 1000 heds of 1873, with 2600 index entries in edition 1, hav increast til they command 40,000 index entries., in edition 11. After getting many sugestions, sumtimes hundreds, for aditions or further subdivisions of sum subject, we draft a skeme and test it on a sampl colection. To get larjer cooperation in perfecting it we sumtimes print the new draft in Tables without including its new words in Index, so every uzer wil see what is proposed and if interested may test it on his own work and submit sugestions for improvement. Then in the next edition, with this great help, needed revisions can be made and all new words inserted in Index. A note before such tentativ skemes calls attention to this fact, e.g. in edition 11, skemes for 069 Museums, 651 Offis economy, 960 Africa.

**Nemonics** Arranjement of heds has sumtimes been modifyd to secure nemonic aid in numbering and finding books without the Index; thus China has always number 1. In Ancient history, it has the 1st section, 931; in Modern history, under Asia, it has 951. Similarly the Indian number is 4; English, 2; German, 3; French, 4; Italian, 5; Spanish, 6; Russian, 7; European, 4; Asian, 5; African, 6; North American, 7; South American, 8; and so for all divisions by languajes or cuntries. Italian 5, for instance, is in 035, 055, 065, 450, 850, 945, and many others. This nemonic principl is specialy prominent in Filolojy and Literature, and their divisions, and in *form* distinctions uzed in the 1st 9 sections of each clas. Filosofy, methods or theory occurring as a hed is always 1; dictionaries

## NEMONICS

and cyclopedias ar 3; essays, 4; periodicals, 5; associations, institutions and socyeties, 6; education, 7; poligrafy or colections, 8; history, 9. In numerus cases several minor heds ar groupt together as Other, uzually numberd 9.

While Italian is always 5, 5 is by no means always Italian. Grammar is 5, Periodicals ar 5, Asia is 5, Oratory is 5, etc. Even wer it posibl, to limit 5 to Italian wud waste numbering material, and results wud not justify cost. The purpose is to giv practical aid, not to follow fanciful theory. A clasifyer marking a French grammar, remembers that all Filolojy begins with 4, and, as French is always 4 and grammar 5, he knows the number *must* be 445. Italian (5), poetry (1), is plainly 851 with no danjer of being mistaken for 'poetry of grammar' or 'theory of Asia,' becauz the numbers also hav those meanings. This feature is an *aid*, not regular method, and in all doutful cases one refers at once to Index or Tables. Suggested difficulties ar uzually creations of injenius theorists and not outgrowth of practical experience.

Wherever practicabl, this nemonic principl is uzed in subdividing sections. 558, Jeolojy of South America, is subdivided by ading the *sections* of 980, History of South America. Jeolojy of Brazil then *must* be 558.1: nemonicly, the 1st 5 is Syence; 2d 5, Jeolojy; 8, South America; and 1, Brazil. Any library attendant or regular uzer of the skeme recognizes 558.1 at a glance as Jeolojy of Brazil. This nemonic feature occurs in several hundred places, and is of great practical utility in numbering and finding books without catalog or index, and in determining caracter of any book simply from its call number. Extent of use is shown in 5 tables appended to main Index, giving alfabetic lists of (1) subjects, with clas number of each, which may be subdivided jeograficly; (2) form divisions, with figures to be aded in making such division; (3) lenguajes, with their clas numbers, which may be further subdivided filolojicly by ading figures givn in Index table 4; (4) filolojic divisions, with figures to be aded in subdividing any languaj in Index table 3; (5) literatures, with their clas numbers, which may be further subdivided by ading form divisions from English literature.

As in close subdivision, wish for nemonic correspondence has never out-weighd any claim of greater usefulness. In many cases choice between numbers was hardly perceptibl: e. g. whether in filolojy order shud be French, Spanish, Italian. or French, Italian, Spanish. In such cases nemonic numbers wer givn preference, and 49 years use has proved this wizest. Great gain, beside eaz of remembering, results from this *uniform* use of same numbers with same meaning whenever similar division is made. Wherever division by lenguajes or cuntries is made, it follows filolojy or history numbers, and in Tables, the note 'Divided like 900' fully takes the place of reprinting all history subdivisions. This saving justifys use of these numbers in sum cases, even where a sumwhat different order myt seem more nearly fitted to the special case; e. g. in 342, constitutional history of Canada (342.71) and Australia (342.94) next that of England (342.42) wud be better than our order, which separates them



## DECIMAL CLASSIFICATION

both from England and from each other. Still by following the usual 'procrustean' numbers, many topics can be subdivided minutely without further study, by simply applying history or language subdivisions. A single illustration of the astonishing power this principle gives will suffice, the thousands may be given: 016 is 'Bibliography of special subjects, divided like regular classification', therefore by aid of tables under 581, 016.581974742 readily translates itself to all users into 'Bibliography of flora of Albany co., N Y'. While these 12 figures may never be used, if a specialist wishes minute division, it is ready to his hand, conforms to Index, and will be clearly understood by anyone familiar with our plan. A specialist in such cases would probably adopt a contraction for his long number, and use in full only the minute divisions. See p. 34<sup>o</sup>-35<sup>2</sup> for such contractions.

**Decimalism** Utility has not been sacrificed in order to force subjects on the 'decimal procrustean bed'. *Decimals have been used as servants, not as masters.* When subjects are combined or separated into just 10 heads, it has been from no necessity of the scheme, but because it seemed most useful, all things considered. In many cases there were originally only 3 to 7 heads instead of 10; but usually, during years of testing before publication, it proved advisable to divide sum of these heads, as it took no added space or labor. On the other hand, there were cases where more than 10 heads seemed more natural; and, as any number up to 100 is provided for by adding one decimal, this was done in most cases. As only 1000 sections were first printed, it was often necessary to put 2 or more closely allied topics together under the same number, as must still be done whenever a library limits number of figures used to 3; but during 49 years use subdivisions have multiplied, till now nearly every topic has its own special number. The scheme gives us for each topic, as it were, a case of 9 pigeonholes, with a large space at the top; and we use them as every practical business man uses such pigeonholes about his desk. If, as in 220, there are less than 9 main topics, it is often convenient to use the extra spaces for subdivisions. Thus we keep separate, under Old Testament, historic, poetic, and prophetic books; and under New Testament, the Gospels, Epistles and Apocalypses. Spaces are there, and it is convenient to use them for general works on those groups — a reason that experience proves a good answer to the charge of lack of coordination, the indentation and type in Tables make that charge baseless. Then in 280, having more than 9 topics, if we are using only 3 figures we put Congregational in same space with Presbyterian, and small denominations together in the last box, just as a business man puts his papers in his pigeonholes. If he insisted on having a different case made to order for each use, it would cost over twice as much; he could not group them together or interchange them, and they would not fit office shelves.

There has been perverse misapprehension of this feature, and critics oftenest stumble over 'procrustean 10'. In fact, this is an element of usefulness. A railroad also has the fault that it is procrustean in its path and

in its times. It can not cum to yur door nor wait yur convenience, as did the stajecoach or carriaj; it can not go to the fields for its loads of produce; it can not turn out for obstacl; and it is simply *because it is procrustean* that it can do its work so much better and quicker and cheaper. The paralel cud be fairly extended to many other cases, but any tho'tful mind wil recognize that the economy and eaz of working the Decimal sistem ar larjly dependent on its being procrustean. To this we owe much of the great simplicity of the Relativ Index, many nemonic correspondences, and the useful o to indicate form and period divisions. Our intersecting lines of space and time in History, etc., of languaj and form in Filolojy and Literature, and scores of similar advantajes, depend wholly on 'procrustean 10', or else on sum other number equally procrustean, but lacking the advantajes of exact correspondence to our arithmetic.

**Relativ location** Economy and simplicity cald not only for the Subject Index, but also for sum plan of consolidating the 2 sets of marks previously uzed; one teling *what* subject a book treated, the other *where* the book was shelvd. By relativ location and decimal clas numbers we make our simpl arabic numerals tel of each book and pamflet, both *what* it is, and *where* it is.

In fixt relation, to find book, pamflet, clipping or note is like finding a man when yu know his town, street, hous and room.

In relativ location it is like finding a soldier if yu know his army, division, rejiment and cumpany. If John Smith is 3d man in 2d row of Cumpany B, rejiment 69, 4th division, whether the rejiment is in camp, on parade or on march, his place is not determind by the bit of ground on which he stands, but by his relation to the rest of the army. If soldiers ar ded and in the cemetery they ar as eazily found by fixt as by relativ location. But if the army is alive and militant, as every library or private working colection o't to be, its resources shud be *findabl* whether in camp, on march or in action.

In arranjing books on shelvs, the formerly common absolute or fixt location by shelf and book number is wholly abandond, relativ location by clas and book number being our chief feature. Accumpanying clas number is the book number, which prevents confuzion of different books on the same subject.<sup>1</sup> In finding books, numbers markt on baks ar followd, the upper being the clas and the lower the book number. Clas is found in its numeric order among clases, just as shelf is found in fixt sistem. Shelvs ar not numberd, as increasing different departments, opening new rooms, and any arranjing of clases to bring books most circulated nearest delivery desk, wil at different times bring different clas numbers on any givn shelf. New books, as recievd, ar numberd and put in place, in same way that new titles ar aded to card catalog.

Thus all books on any givn subject stand together, and no aditions or chanjes ever separate them. Not only ar found together all books on subject sought, but most nearly allyd subjects precede and follow,

<sup>1</sup> For sugestions regarding best forms of book numbers see p. 29<sup>l</sup>-30<sup>r</sup>.

## DECIMAL CLASSIFICATION

they in turn being preceded and followed by other allied subjects as far as practicable. Readers not having access to shelves find short titles arranged in same order in shelflist, and full titles, imprints, added subject entries, references, notes etc. in class catalog.

Parts of sets, and books on same or allied subjects, are never separated as they are sure to be, sooner or later, in a library arranged on fixed plan, unless it be frequently rearranged and recataloged, a procedure too expensive except for very wealthy libraries. Relative system class and book numbers remain unchanged through all changes of shelving, buildings or order of classes.

Among hundreds of points raised by librarians as to its practical workings and usefulness, the only one in which it was not shown to be equal or superior to earlier systems was that in this relative location a book which this year stands, e. g. at the end of a certain shelf, may not be on that shelf at all another year, because of uneven growth of parts of the library. This slight objection, however, inheres in any system where books are arranged by subjects, rather than by shelves, windows, doors, and similar non-intellectual distinctions.

**Sizes on shelves** Most libraries have abandoned close distinction of sizes. It is true that this distinction saves a little space, but at far too great a cost; for every distinction of sizes makes a parallel classification. If books are grouped in 5 sizes, one must look in 5 places before he can be sure of having seen them all.

It is better to shelf octavos and all smaller books together in 1 series, and arrange in parallel libraries only quartos and folios, which are too large to stand on regular shelves, showing series in which any oversize book is put by a size letter prefix to the book or class number; e. g. 749 qA or q749 A shows that book A on Artistic furniture is too large for regular shelves, and so is placed in q or quarto series. Or use a wood or pasteboard dummy to show location of a book not in its regular place. But, however solved, size problems are no more troublesome with Decimal than with any other classification.

### Catalogs

Any system of catalogs may be used with this scheme, but the 2 essentials of even the simplest system are name or author catalog and shelflist. The chief uses of this system for catalogs are for shelflists and for class catalogs on cards.

**Name catalog** In this, arranged strictly by names of authors and of persons or places written about, the class number holds a subordinate place, yet is constantly useful. If printed, it appears in a single column as in the Relative Index, and where there is no subject catalog one can rapidly pick out books on any topic by glancing down column for class number wanted.

**Shelflist** Here class number is again highly important, as it makes this list the most useful form of brief subject catalog, giving author's name and brief title of every book on specific subject bearing that class number.

## CATALOGS

**Clas catalog** In the clas card catalog the clasification is mapt out abuv the cards by projecting gyds, making reference almost instantaneus. Subjects ar arranjed in 1, 2, 3 order of their decimal subject numbers exactly as in clas tables, and cards of each subject ar then subarranjed alfabeticly by authors (or, in sum cases, e. g. biografy or local history, by subjects) or cronologicly, or by book numbers.

The printed subject catalog on this plan is also most compact and satisfactory in use. Under each clas number ar givn the library's resources on that subject, the heding giving, for convenience, name as wel as number of subject; e. g. '513 Jeometry.' Jeneral notes ar printed in finer typ under jeneral heds, and a relativ index at the end shows just where to open the book to find any topic. As clas numbers ar put in place of page numbers, this index servs for *any* catalog, list or library arranjed on this plan.

**Dictionary catalog** The dictionary catalog is as eazily uzed with this sistem as with any other, and is at present on the crest of its wave of popularity. Its failure to meet skolars' requirements has often been pointed out. While far the best for an index, it stil leavs much need of a good clas catalog. But difficulties both of making and of uzing a clas catalog wer formerly so great that there was a conviction among many librarians that notwithstanding its great advantajes, the idea must be abandond as impracticabl, while other eminent authorities ably argued that the poorest clas catalog was better than one unclas, and that any use of such a catalog was in itself a lesson in bibliografy. Now that the serius difficulties of making a good clas catalog hav been so larjly removed by the simpl arabic numerals and Relativ Index of this decimal plan, the merits of clas over the more common dictionary sistemas ar dubly prominent.

The Subject Index of this sistem is a skeleton dictionary catalog, covering everything not fully coverd by the 'name catalog'. Insted of giving book titles under each hed, the number *refers* to all those titles simply and directly. The index may be made on any of the varius dictionary plans, with all the advantajes it may possess. To us, simplest seemd best. We giv only short heds with brief indication in doutful cases of viewpoint taken in assyning clas numbers.

We therefore unite advantajes of dictionary and clas catalogs, not by mingling them and so losing much of simplicity of one and as much of excelence of the other, but by realy uzing both, each with its own merits. Only one set of titles is needed, for our clas numbers make this availabl for both catalogs.

### Advantajes

**Shelvs** The sistem on the shelvs is the simplest form of relativ location. Many libraries hav adopted it for shelf arrangement, where catalogs recently printed, or larj investment in another plan, made it too expensiv to chanje anything else. For its great advantajes for shelvs see p. 19<sup>4</sup>-20<sup>4</sup>, Relativ location.

## DECIMAL CLASIFICATION

**Shelflist** By simply printing the shelflist at any time an admirabl subject clas list is made for any topic on which there may be present interest; e. g. if a town contemplates a new water supply, interest is greatly stimulated, and everything about waterworks is wanted. The librarian has only to open his shelflist to 628.1 and 352.6 and print it. This great advantaj is gaind with but slyt variation from the form found best in its regular use as a shelflist for examination of shelvs to detect losses and misplacements.

**Accession book** Where shelf mark colums ar uzed, tables of number of books aded on each subject ar redily made. A glance shows caracter, by subjects, of books aded during any givn period; for, wherever this clas number occurs, it tels not only *where* the book is shelvd but also *what* it is about.

**Pamflets** These clas numbers applyd to pamflets, whether catalogd or uncatalogd, hav proved specially satisfactory. Number is writn on upper left corner, and pamflets ar shelvd in pamflet boxes, side by side with books on same subject, or they may be kept in vertical files or on special shelvs divided every 10 cm by perpendicular partitions, or, if preferd, each pamflet may be put in exact place as if bound. Litl expense is incurd, and yet entire pamflet resources of the library on any subject can be produced almost instantly. The immense advantajes of this clast arrangement, both in economy and usefulness, wil be appreciated by every keeper of a pamflet collection. A name or author catalog is made on slips if time allows. The pamflets themselvs ar the best subject catalog. Placing all material under its clas number on regular shelvs, has the great advantaj of enabling anyone examining a subject to see all resources in 1 place, so far as posibl.

**Sale duplicates** The same arrangement is admirabl here. Duplicates ar so constantly chanjing that a catalog can hardly be afforded, and a subject arrangement on any other plan than this is difficult to maintain. Stil, it is very essential that there be sum means of knowing what duplicates there ar on any givn subject. By simply penciling clas numbers on books and arranging these numericly, it is posibl to giv the information more quickly, cheaply and satisfactorily than in any other way.

**Charjing sistem** Clas numbers may be uzed for charjing with the following advantajes: Minutest statistics of circulation can be made by simply counting charjes and entering the number for each clas on a report sheet. If filing is dun by call numbers, as iether a primary or a secondary consideration, whereabouts of any book lent or amount of use of any subject is quickly found; file givs an up-to-date record of all books lent in any subject, e. g. cards filed under 52 show for Astronomy or those under 822 for English drama just how many and what books ar out and who hav them. Such a circulation table, always at hand, and with no extra expense or labor, since it is a natural part of the sistem, is hyly prized by all interested in caracter of general use of the library, while it can by

## ADVANTAGES

trifling labor be converted into a permanent record by entering on a report sheet. If a reader's card is used, character of the individual's reading is here shown and never before has so much attention as now been given to educating readers' tastes.

**Subject references** For these it has peculiar advantages. Many users are undertaking analyses and cross references to an extent hitherto thought wholly or almost impossible. These few figures tell as clearly as a long heading exactly what the reference is, while gain in ease of use is even greater than in time and space saved in recording. The clearness and directness of the method aid wonderfully in this work. References to transactions, or chapters in essays, may be made in the most compact and usable form. See also p. 37<sup>1</sup>-39<sup>6</sup> Bibliographic modifications.

**Recataloging or reclassifying** When Amherst College in 1873 first adopted this plan and began to recatalog its library, it was found (as in hundreds of cases since) entirely practicable to change to the new system gradually, as means allowed, without interfering in any appreciable degree with circulation. Methods employed for thus changing without interrupting use must vary according to different conditions. The essential feature is enough distinction between old and new call numbers to be easily recognized by attendants. If old call numbers consist wholly of figures, the initial letter of the Cutter author numbers furnishes this requisite. All numbers of figures only are then recognized as old, and all numbers containing a letter as in the new system.

**Adaptability** The system is so flexible that it adapts itself to almost any circumstances. It may be used with proportionate results in almost any one of its applications without the others. It may be applied to pamphlets alone, bringing order out of chaos, and solving this vexatious and vexing problem; or it may be used for catalogs, leaving shelf arrangement as before; or it may be applied to shelves, while the catalog is dictionary or any other type.

**Arabic numerals** Arabic numerals can be written and found quicker and with less danger of confusion or mistake than any other symbols. Therefore roman numerals, capitals and small letters, and similar symbols found in most classification systems are entirely discarded, and by exclusive use of arabic numerals throughout shelves, and indexes, catalogs and other records, there is secured the greatest accuracy, economy and convenience. This advantage is specially prominent in comparison with systems where author's name or the title must be written, in calling for or charging books and in making references.

**Endowment of special departments** Another great advantage is peculiar adaptability to special endowments. One specially interested in any subject can often be induced to endow that subject, thus providing for buying each year all the best publications.

If John Doe is specially interested in opera, the library says: 'Give us \$1000 as endowment of 782, and we will call it the 'Doe Library of Dramatic

## DECIMAL CLASIFICATION

Music.' There will be found every book, pamphlet, newspaper clipping, or manuscript that the library has or can get on this subject. Gifts from others will be placed in the Doe Library, the donor's name being given on the bookplate, and for generations to come every person interested in opera will be grateful for your foundation'. In this way 782 is assigned to John Doe, and his pride is stimulated in developing it. If another man with larger means and interest will endow the whole subject of music 780, there is no difficulty or impropriety in including 782, the Doe Dramatic Music Library, as the 2d section of 780, the Roe Music Library.

This is one of the most promising fields for development, for almost every library has among its readers some specially interested, who if properly approached would endow some topic, even if a small one, and this relative location, with its definite number expressing just the ground covered, may be of great service in working up these special endowments.

**Summary** To sum up its claims: It is comparatively inexpensive; easily understood, remembered and used; practical rather than theoretic; brief and familiar in nomenclature; susceptible of partial and gradual adoption without confusion; convenient for arranging pamphlets, sale duplicates, and notes, and for indexing, and in keeping statistics and checks for books off shelves; a satisfactory adaptation of card catalog principle to shelves. It shelves books compactly; uses simple and few symbols; can be expanded, without limit and without confusion or wasted labor, both in catalogs and on shelves or in catalogs alone; checks thoroughly and conveniently against mistakes; admits readily numerous cross references; is unchangeable in its call numbers, and so gives them in all places where needed; in its Index affords an answer to the greatest objection to class catalogs, and was the first satisfactory union of the advantages of class and dictionary systems.

### Suggestions to users

Hold book in right hand and turn with left, then both class numbers and index heads show most plainly on left margins and reference is quicker when eye follows left pages only.

**Numeration** In thinking or speaking of class numbers, to avoid confusion always divide at the decimal point, and name it; e. g. read 942.27 'nine forty-two, point twenty-seven', never 'ninety-four two twenty-seven'. If 'point' were omitted, the ear might readily interpret 270.2 (two seventy, two) as 272, while 'two seventy, point two' can never be misunderstood.

### Plan of book

**Tables** First page shows 10 classes into which all topics are divided. Next page shows 9 divisions of each of these 10 classes, in a birdseye view of the whole scheme on a single page. Then follows a synoptic view of 10 pages, one for each class, showing the 9 sections of each division of each class.



## PLAN OF BOOK

Following these sinopses is the complete clasification, which repeats in proper order, clases, divisions and sections, with all subsections. For convenience of uzers, who thus get fuller and clearer ideas of the field which each number covers, sinonimus terms, exampls, brief notes, dates and varius cachwords ar often aded to main heds. Therefore all references to numbers shud be lookt up in the ful tables of subsections, uzing summaries only when a merely sinoptic view is wisht.

**Index** Next an alfabetic index of all heds refers by clas number to exact place of each in Tables. This Index includes also, as far as found, all sinonims or alternativ names for heds, and any other entries likely to help a reader find his subject more redily. Even a uzer who knows just where to turn to his subject in the Tables, may, by consulting the Index, be put on the trak of valuabl allyd matter which he myt otherwise overlook.

### Use of Tables and Index

**Familiarity with clasification** Get a jeneral knowlej of the skeme by lerning the 10 main clases [yu wil soon know the 100 divisions also without special study], so that yu can tel to what subject a givn number belongs from its 1st figure, without referring to Tables. Specific knowlej of minute divisions wil cum gradually, but rapidly, from use. Assyn numbers by uzing Tables alone, and then always verify yur result by the Index. Thus yu wil more rapidly acquire knowlej of the Clasification and facility in its use. To do this, decide first to which of the 10 clases the subject belongs; next, take that clas as if there wer no other, and decide to which of its 10 divisions the subject belongs; then, in the same way, select section and subsection, thus running down yur topic in its groovs, which becum 10-fold narrower at each step. **As a chek against error, even tho familiar with the skeme, uze Index freely.**

**Subject of a book** To find this out, consult:

1 **Title**, since it is jeneraly chosen to show what the book is about, but as many titles ar vague or misleading, never clas from title alone but always examin also

2 **Contents table**, which is best gyd to true subject. If there is no contents table read

3 **Hedings of chapters**, or marjinal topics

4 **Preface** Unless alredy certain, glance thru this to each author's viewpoint and verify impressions gaind from title and contents

5 **Reference books** If preceding means fail, consult reliabl bibliografies, clast and annotated catalogs, biografic dictionaries, histories of literature, cyclopedias, reviews etc. for information about caracter of book.

6 **Subject matter** If 5 shorter methods abuv fail, examin subject matter of book itself, and if stil in dout, to avoid mistakes, put aside on an 'under consideration' shelf til yu can examin more thuroly or consult

7 **Specialists** Experts ar uzualy glad to examin any new books in their departments, enuf to clas them, i. e. to define their true subject and relations. Old ones they know where to put alredy.

Be specially careful when dealing with flexible terms, e. g. child welfare, to make sure of the character of its application in that individual book.

After deciding what the book is about, find this subject in Tables, either thru Index or by using Tables directly, which for beginners is a longer process, seldom to be trusted without subsequent reference to Index; e. g. Pollock's *Land laws* may naturally be classed from Tables alone as '333, Land: ownership; rights; rent', which seems exactly to fit this book. Index, however, shows 2 numbers, both referring to land laws, but from different viewpoints; viz, 347.2, legal, and 333, economic. The object of this book, as seen in the preface, is to give a popular presentation of English statutes pertaining to landholding, not to discuss history and theory of land laws from an economist's viewpoint. It should be classed '347.2, Realty', which may have been missed but for Index.

**Assigning class numbers** 1 Practical usefulness controls. Put each book under the subject to the student of which it is most useful, unless local reasons 'attract' it to a place still more useful in your library. See p. 27<sup>d</sup>.

2 *Content* or real subject of which a book treats, and not *form* or accidental wording of title, determines its place. Following this rule, put a philosophy of art with Art, not with Philosophy; a history of mathematics with Mathematics, not with History; for philosophy or history is simply the *form* which these books have taken. Their true content or subject is Art or Mathematics, and to the student of these subjects they are most useful. (See also p. 14<sup>b</sup>)

3 Always remember that the question is not 'where will one probably look for a certain book', but 'under what subject is the book of greatest value'; e. g. it is of little consequence whether 'one would be apt to look' under 595.1 for Darwin's *Formation of vegetable mold*, but of much consequence that one studying earthworms should find that book in 595.1 Worms, since it is chiefly valuable as a study of earthworms' habits. Anyone wanting that special book should look for it in catalog under Darwin.

4 Assign every book to most specific head that will contain it. This varies in different libraries according to number of figures used, e. g. specific head for 'compulsory vaccination' is 614.4738; but in a library using only 3 figures, 'most specific' number possible is 614, which must take everything on Public health.

Sometimes a library unwisely puts all books of a division together, if but few; e. g. all mathematical works are marked 510. It takes just as many figures and in most cases just as much labor and if a man wants the 1 calculus in the whole library he has to search thru perhaps 100 volumes in 510, when otherwise he would instantly find it standing alone as 517. See also p. 28<sup>l</sup>, Number of figures in class number.

5 'Predominant tendency' or obvious purpose of a book usually decides its number at once. Still a book often treats of 2 or more subjects. In such cases put it where it will be most useful, and make added entries for all subordinate subjects. For a classed catalog give the added entry numbers on both bookplate and main subject card as well as on added entry cards.

## ASSYING CLAS NUMBERS

It is a markt advantaj that these aded entries, notes etc. may be made from time to time at convenience. It is necessary at first to determin only predominant tendency of book in order to clas it; aded entries ar made whenever found desirabl.

Supply these numbers indicating more closely caracter of book as rapidly as posibl, and invite all specialists, in connection with their reading, to call attention to every desirabl aded topic notist. The numbers take litl room, ar eazily aded, and in most cases ar very valuabl.

6 If 2 subjects hav distinct page limits, jeneralj clas under 1st and make analitic entry under 2d; but if 2d is decidedly more important or much greater in bulk, clas under that, with analitic entry under 1st. Always put a book under 1st subject, unless there is good reason for entering it under another.

7 Consider not only scope and tendency of each book, but also nature and specialties of each library.

Any subject of which a library makes a specialty naturally 'attracts' allyd subjects. This influence is strongest in minute clasing. To admit this variation, many subjects hav in this skeme 2 or more places, according to these different sides; e. g. a book on 'skool hygien,' which a medical library puts under 613, has also a place in 371.7, where education specialists require it.

8 If a book treats of a majority of the sections of any division, giv it division number, insted of most important section number with aded entries. Unless sum one section is so prominently treated as to warrant placing the book in it, clas a book covering 4 or more sections under division number; e. g. clas a volume on lyt, heat and sound, under hed most fully discust, with aded entries for the others; but if it treats also of mekanics, hydrostatics and neumatics, clas as 530, or jeneral fizics, tho no mention be made of electricity, magnetism or molecular fizics.

9 When a book deals with 2 consecutiv and closely allyd subjects, jeneralj clas with 1st and regard this as including 2d, but if 2d is decidedly predominant, clas with this and iether disregard 1st or make aded entry, according to importance of that portion.

10 To secure uniformity, make for future reference ful notes of all difficulties and decisions; for it is more important to put books on same subject *together* than to put them in a more nearly absolutely correct place. These notes shud be writn on broad marjins of the Clas Tables or in an interleavd copy or on P slips arranged by clas numbers like a clast catalog.

11 Keep colected works, libraries etc. together, and assyn, like individual books, to most specific hed that wil contain them; or assyn to most prominent of varius subjects treated, with aded entries for others; or, better, separate and clas parts as independent works.

This last practis constantly grows in favor, and many librarians now larjly disregard uniform bindings and 'series' lettering, and, unless contents of volumes ar so connected that they can not be separated, clas each under most specific hed that wil contain it.

## DECIMAL CLASIFICATION

12 Clas translations, reviews, keys, analyses, answers and other books *about* specific books with original book, as being there most useful.

**Number of figures used in clas number** Decide this according to circumstances in each library. Small libraries often use minute subsections beyond 3 figures only in certain divisions like Travel, 913-919, where closer geographic division is specially needed, and in 400 and 800, when a 4th figure is needed to separate different languages.

In very small collections 2 figures may do till growth required further division; but it is economy, and saves handling books again, to use at least 3 figures at first, even in smallest collections. In larger or rapidly growing libraries all subdivisions may be used for same reason, the number of books may not then seem to justify it. Whether there are 1 or 1000 books on any topic, they take no more shelf space if classed minutely, and work is done once for all. When large accessions come, even if a century later, this number will not have to be altered. A library having but 20 books on Education may think it unwise to use the full scheme, but the whole 20 would go on a single shelf, and take no more room, and the Index would refer more accurately to what was wanted. Number of books you have on any subject has in this system no special weight. In relative location, any number of consecutive topics without a book wastes no space on shelves or in catalogs. Numbers are merely skipped. This not only does no harm, but has great negative value, as looking for a number and finding it blank or skipped shows that you *have nothing on that subject* — information added in value only to finding something, for one need no longer search.

The practical objection to close classing is that it gives a longer number, when this is used to charge by in a lending library. In a reference library full subsections should always be used. Where short numbers are imperative, give full class number on another part of the bookplate, not to be used in charging, but as a guide to contents. Thus when a classifier has once examined a book and found out just what it is about, he records it to benefit others.

### Bilding numbers

**Geographic divisions** In dividing by countries according to note 'Divided like 930-999', found so often in Tables, add only the number following initial 9, for this 9 means not locality but simply class 9, History; e. g. 942, history of England, analyzed is 9, history, 42, England (4 Europe, 2 England). If geology of England is wanted, add to 55 (geology number) 42 (number for England) and you have 554.2. History of N Y state is 974.7 of which 747 is locality number; 353.9747, number for N Y state administration, is built by adding to number for state administration, 353.9, number for N Y state, 747.

**Language and literature** In 890, where directed to 'divide like 490,' note that 890, Minor literatures, and 490, Minor languages, correspond exactly, so that only figures following 49 are to be added to 89 to build a minor literature number; e. g. Polish language is 491.85; adding 185 to 89, Minor

## BILDING NUMBERS

literatures, gives 891.85 Polish literature. In brief, to form literature from filolojy numbers substitute 8 for 1st figure, 4; e. g. Sanskrit languaj 491.2, Sanskrit literature 891.2. Under 490, the filolojic divisions (dictionaries, grammar etc.), and under 890 the form divisions (poetry, drama etc.) shud be uzed only when clas number represents a *specific* languaj or literature, e. g. 491.7 Russian, but *not* 497 North American, awaiting further division by languaj.

If directed to 'divide like main clasification', as in 016, number for required subject is aded exactly as it stands in Tables; e. g. bibliografy of Polish poetry, 016.891851.

Combining numbers in a way not printed in Tables must be dun with great care or confuzion results. Many uzers, fascinated with the possibilities of the sistem, make combinations more injenius than useful; e. g. 'The horse's foot and how to shoe it' was once markt 636.1682, i. e. blaksmithing number, 682, aded to horse number, 636.1, making a long, useless number. Horseshoeing is now in Tables as 682.1, while 636.168 means 'American ponies'.

Often a clasifyer ads a figure to show sum distinction. It seems short and desirabl, but later he may find he has shut himself off from uzing sum other division greatly preferd. For his personal aditions, letters or other simbols not numbers shud be uzed. Every aded simbol must be clearly writn in Tables and Index. Never trust memory for decisions.

See also p. 32<sup>1</sup>-34<sup>9</sup>, Letter or simbol notations for chanjes or aditions.

### Book numbers

The call number of a book (number by which it is cald for) jeneraly consists of both clas and book numbers. The same clas number applys to all books on same subject; the book number distinguishes each individual work from all others in that clas, and is the same for all volumes or copies of same work. When a specific volume is wanted the number for that volume must be aded to clas and book numbers to complete the call number. Most important methods of assyning book numbers ar:

**Author numbers** Invention of translation sistems by which a name is represented by its initial, with remaining letters translated into numbers, e. g. Freeman, F85, has led most libraries to arranje books under each clas number alfabetically by authors, or in local history by towns, or in individual biografy and bibliografy by biografees and bibliografees. This keeps together all works by same author or on same town or same biografee, etc. and even in larj clases enables one to find any book redily without consulting catalogs. One great advantaj is that same author has same book number in every subject; i. e. figures ar 'significant' like our clas numbers, and translate themselv into names. Great practical nemonic convenience results from this form of book number. Most widely uzed of these translation sistems is C. A. Cutter's, known as 'Cutter numbers'.

## DECIMAL CLASSIFICATION

**Special author tables** A 2d method, for authors having special numbers, e. g. Shakspeare, 822.33, or Milton, 821.47, is uniform use for such authors, of book numbers A-N, with O-Z assynd on basis of their individual work, as illustrated on p. 987-88.

**Time numbers** A 3d arrangement of books under clas numbers is cronologic by date of 1st publication. Its advantaj is in presenting historic development of subject, the book writn erliest being on the left, the latest work on the ryt, and then of any givn book it is evident that all those on the left wer writn before it, all those on the ryt after it. In syence and useful arts this has special value, while in literature author arrangement is better. W. S. Biscoe's translation sitem of dates givş a more compact and satisfactory mark for year than date writn in ful.<sup>1</sup>

**Accession order** A 4th arrangement, simpler but otherwise les desirabl, is in accession order; 1st book put in a clas being numberd 1, the 2d 2, the 3d 3.

It is entirely practicabl to uze 2, 3 or all 4 of these methods at same time in same library, one peculiarity of the sitem being the eaz with which it may be adapted to almost any special circumstances. The advantajes of the cronologic numbering ar most markt in syence and useful arts; the alfabetic is best in clases where names of authors or subjects outrank dates; and special author numbers in cases where clas number already indicates author, so corresponding indication in book number wud be useless duplication; while the old accession-order plan is good in special colections which must be kept separate and ar no longer aded to, since here the extreme simplicity of 1, 2, 3 order is secured with no sacrifice. It is stil better, if this last method is uzed, to adopt A, B, C, insted of 1, 2, 3, as 26 insted of 9 books may be markt with 1 character, and chiefly becauz it is hyly desirabl that each book number begin with a letter, which can not be mistaken for end of clas number if writn on same line; e. g. 1st book under 513, if numberd 1, myt be so writn as to confuze with subsection 513.1, but 513A cud not be misinterpreted. If figures ar uzed, take care to write them as a fraction or with separating dash; e. g. 513 or 513-1.

### Variations practicabl in adjusting to special local requirements

Sum uzers assume that adopting the Decimal Clasification and Relativ Index carries with it other parts of the sitem uzed by the author at Amherst, Wellesley or Columbia colejes or in New York State Library. In fact, the plan in each differd sumwhat from all the others, and many of the thousands of public and private libraries now uzing it hav adopted stil other variations; for special constituency, circumstances and resources of each library must be considerd in deciding what is best for it. This decision

<sup>1</sup> For ful explanations and table of Biscoe numbers see p. 984-85.

## VARIATIONS FOR SPECIAL LOCAL REQUIREMENTS

shud be made by one familiar, not only with the library and its needs, but also with all methods of any merit and with comparativ eaz and cost of introducing them into any givn library.

**Cautions** Having decided to adopt this sistem in its *decimal* form as workt out and printed, determin whether to adopt certain variations, noted in 1-5 below as practicabl, and in sum cases useful and desirabl. The inexperienst uzer is very likely to feel entirely competent, without reading more than a singl paje of the Tables, regardless of its bearings on hundreds of other places, and without so much as looking at the author's explanations, to institute a series of 'improvements'. Experience shows that nothing cud be more disastrus. It seems a simpl matter to put a topic a line hyer or lower, but in sum cases this may affect over 100 Index entries, and there is no posibl way to be sure of correcting them except by examining each of 40,000 heds. Proposed chanjes, carefully studid out and submitted as improvements, ar frequently shown by our old records to hav been adopted and uzed in the exact form proposed til unforeseen considerations forst us to chanje to the form as printed. Even after years of experiece one is not safe in pronouncing on an apparent improvement without consulting voluminus records of previus experiments.

Even sum who hav uzed the sistem longest hav been misled into adopting chanjes which on tryal they wer compeld to reject, going bak to orijinal form at cost and confuzion of 2 chanjes. In so apparently simpl a thing as introducing subdivisions on blank numbers, mistakes ar often made; and when too late to correct them the makers regret their neglect to consult the editor and secure advice and cooperation of those most familiar with the manifold interrelations. Even wer the independent divisions equally good, they do not agree with those which wil later be printed in Tables and Index, so that every copy of the printed skeme wil hav to be corrected in manuscript before it is uzabl in that library. The only safe rule is to *make no chanjes or subdivisions* without submitting them to the editor, who wil gladly advize on such matters without charj, not on the ground of any superior wizdom, nor even becauz of larjer experiece in this special work, but becauz in this way only can it be lernd if corresponding subdivisions hav been already assynd sumwhat differently.

A uzer who adopts printed form avoids criticism sure to be aimd at any posibl skeme. The moment he makes 1 'improvement' he must defend all his heds or alter them to suit each critic. Much time is saved by saying that the skeme is uzed **as printed**, and blunders ar the author's, not the uzer's. A list of chanjes made by others without consultation was writn for this caution, but is omitted lest it seem invidius. They ilustrate how eazy it is for able men to make what no one questions after explanation to hav been outryt blunders, in 'improving and ading' to the printed skeme. We ar always grateful for sugestions from anyone, and, having already spent so much time in efforts to improve this sistem for the common good of all uzers, invite cooperation of those interested in completing needed subdivisions and eliminating any errors that remain in iether Tables or Index.

### Suggested variations

The following brief notes show the most important variations found practicable in the 'relative index and location system,' oftener called the Decimal Classification or 'Dewey system,' or oftenest simply 'D C'. For its essentials see p. 9<sup>4</sup>.

**1 Letter or symbol notations for changes or additions** To protect other users from confusion, the publishers insist, as entitled to by copyright, that D C numbers shall not be printed with changed meanings or additions, without some clear indication of the fact in the number itself. If reasons which led to adoption of form printed are not conclusive to another, we wish to remove any obstacles to his use of the system with such changes as shall satisfy him. This can readily be done by using a letter or some other character than the 10 digits, to mark changes; e. g. if you wish a different set of subdivisions under any number, make it out to suit, and letter it a, b, c, etc. It will arrange in its exact place and exact order without difficulty, and no other user of the system will be confused by your forms. In Index, cancel 1, 2, 3, etc. you have discarded, and write in a, b, c, etc. adopted. **Whenever you use our exact numbers, use also our exact and universal meanings for them as indexes.** For any additions or changes of your own, use letters or symbols of your own which can not be mistaken for ours, using, of course, our figures to the place where difference begins; e. g. if you want a new heading next to 551.34, Icebergs, it can not properly go as decimal 1. Mark it 551.34a, and it arranges as wished. If you wish to change a head from one place to another, cancel it where it stands, and *leave that number blank* in Tables. Then insert the head in its new place as above, as if it had never been in our Tables. Unused decimals are often *already appropriated* for authorized subdivisions; though they may not be printed till several editions later.

This plan of introducing letters or other symbols wherever each user pleases, will give all needed freedom to the personal equation and desire for 'originality', and meet all real wants for peculiar classification in peculiar cases.

**Fiction** In some cases it is usually best to modify class numbers by letters as above. In popular libraries half the circulation is often fiction. It is a great saving to omit class number entirely and use merely book number, it being understood that *no* class number means 'fiction'. Some libraries go still further and for fiction omit book number as well as class number. Some even omit book numbers altogether.

**Juvenils** After fiction, great circulation makes juvenils a good place to economize, if they are kept separate, as is usually desirable in popular libraries. Books are classed as if for adults (except that a short number may be used) J being prefix to show their special character. This gives J alone as class number for juvenil fiction; J942 is a child's history of England. These books are arranged in a parallel library by themselves, so J942 comes between J941, juvenil history of Scotland, and J943, juvenil history of Germany.



## VARIATIONS FOR SPECIAL LOCAL REQUIREMENTS

The separate J library can at any time be abandoned by distributing J books among the regular classes, either ignoring J entirely, or preferably by putting all J books by themselves at end of each class number. In former case, if shorter numbers have been used for juveniles than for adults they should be extended to correspond; in latter case, numbers may either be extended and the books shelved at end of exact subdivision, or the shorter numbers may be retained and the books grouped at end of entire section, e.g. *all* juvenile works on English history may be kept under short number J942 and shelved after all adult works on English history, both 942 alone and 942 with subdivisions.

There are thus 3 methods: 1, to have a separate J library; 2, to have J books by themselves at end of each class number; 3, to have J books in alphabetic order among other books on same subject. In this last case J is useful only to call attention plainly to their juvenile character.

Unless shorter numbers are used for juveniles than for adults the same marking is used for all these plans, and one can be changed to another by simply distributing books the other way and telling attendants.

**Biography** For this large class, opinions differ as to best treatment. Beside the plan printed in Tables 2 others are widely used.

1 Put all biographies in one alphabet of names of *persons written about*, marking all books simply B for class number, and indicating the subject or biography by a Cutter book number; e. g. life of Grant, B G76. This is most compact for charging, and is preferred in popular libraries of large circulation.

2 Distribute biography as far as possible to subjects it illustrates, leaving, of course, under 920 lives not bearing specially on any subject; e. g. all lives of musicians go under 780 and its subdivisions, life of Wagner being 782.2 instead of 927.82 as in Tables. Even in this arrangement it is better to indicate that it is biography, putting B in place of biography figures 92; e. g. mark Wagner's life B782.2 (927.822). Then it arranges either with 782.2 or with biography, as preferred, thus giving exactly the arrangement of the printed classification, without changing a figure.

**Parallel libraries** This treatment of fiction, juveniles and biography illustrates the principle. Its other chief application is for language collections. Some libraries have a constituency not reading English, and so need a parallel library in Italian or Swedish, etc. This is most easily made by simply prefixing language initial to class number. If arranged in one series of subjects this initial is ignored, or all books in the special languages may be grouped under initial letters at end of each class number. The parallel library is made by simply putting together all books having same language initial and then arranging by class numbers. Initials used are F, French, G, German, I, Italian, Sp, Spanish, Sw, Swedish, Dn, Danish, Du, Dutch, N, Norwegian, W, Welsh, A, Arabic, etc. Where only 1 language is so marked in a given library, generally only 1 letter should be used, so as to avoid an extra letter in charging; e. g. S will answer for either Spanish or Swedish if

## DECIMAL CLASSIFICATION

used in only 1 sense. A prefix letter may, however, have been used with a different meaning, e. g. R for Reference, necessitating more than 1 letter for the language prefix, *even if only 1 language* is represented by the initial, e. g. Ru for Russian. This plan has proved very satisfactory in actual use.

**Combining language and literature** The same principle can be applied also in combining each language with its literature, if it is preferred to abolish the class Filology, and make it simply an appendix to Literature; and the reverse would hold true if a filologist wished to abolish Literature and make it an appendix to Filology; e. g. using 82f for English filology, and adding filology subdivisions, English dictionaries would become 82f3, English grammars 82f5, etc. arranged either just before or just after English literature, 82o, 821, etc. For a better plan see p. 35<sup>o</sup>-36<sup>o</sup>, Broken order.

**Reference library** To separate books most needed, the best plan is to mark R before class numbers, and arrange books together as an R library. When books are to go into the general collection again, draw a line through this letter.

In the same way it frequently happens that a general private library is given on condition that it be kept together; e. g. Phoenix library of Columbia University. This has P prefix to class number, and thus is a parallel library by itself. An initial is better than a \* or similar mark, for it helps memory and is just as brief. The same plan applies if the library has an 'inferno' for books not used without permits, or for distant rooms where books worth keeping but seldom called for can be arranged in a parallel storage library.

Still another provision is made in o8o, 8 being regular number for general collections (as in 5o8, 52o.8 etc.), for those special libraries which can not be separated because of binding or conditions of gift; but instead of the 3 figures in o8o, a single letter, as described above, indicates the special collection, and it is easy to learn location of the few special collections of any one library.

Omission of initial o in the class 'General works' has been tried; e. g. 51 instead of o51 for an American periodical, but is not advised, for the eye gets so in the habit of reading as *Science* any number beginning with 5, that there is a mental hitch if, e. g. general periodicals are written 51, etc. instead of o51, etc. Another reason is that the 1 and 2 figure numbers 1-99 are thus left available, and can be assigned to special use without confusion with Tables or Index, for initial o is there printed for all numbers before 100. Yet in classification it sometimes happens that the 1st 2 figures are obvious at a glance, but time must be taken to determine the 3d. It is convenient to write these 1st figures, but if a mathematical book receives its 1st 2 figures (51), this unfinished number is likely to be confused with the 2-figure number 51. This danger may be largely avoided by writing the decimal point after a blank; e. g. 51 ., to show that a figure is omitted.

**2 Contractions for specialists** The system is often used by specialists for very minute work, where decimals run out to 6 or more places. Theoretically it is better to write all these figures, thus showing relation to

## VARIATIONS FOR SPECIAL LOCAL REQUIREMENTS

the universe of knowleĳ, but there is no practical gain to justify the labor if a great quantity of slips must be numberd. A specialist working on 'Swedish poetry of the aje of Gustavus' can uze a singl letter insted of the ful 839.715 and save 5 caracters in numbering each note; or a dash may be writn for all but the last figure, thus '— 5'. A body of such notes can be inserted together in their place in an index at 839.715, with a colord card to mark the special groups, with litl danjer of confuzion. Stil a stickler for theoretic completeness wil write a ful index number for each separate slip.

**3 Use of alfabet or cronoloĳy for final subdivisions** While our plan is decimal as distinguisht from 'dictionary' we always alfabet wherever that is more usefult. Indeed, the main feature of our plan is its alfabetic Relativ Index. Frequently in minute divisions it is economy to arranĳe alfabeticly or by dates without uzing a translation sistem. This is specially true in index rerums and notes of specialists. After numbers hav been uzed as far as that is the most usefult form, then iether the name chosen for hed or the year can be inserted at the end; e. g. towns in a givn state, individual birds or insects cuming under one number, names of men writn about in biograpy, etc. Sum may prefer to adopt this plan in places where we hav chosen a grouping; e. g. in chemistry, to put all metals in one alfabet under 546.3, insted of uzing numbers 546.3-.99. If this chanĳe is wisht, a more complete one wil probably be better: put all elements, metallic and nonmetallic, in 1 alfabet under 546. Such use of the alfabet cauzes no confuzion with the Index, as it simply subdivides more closely, unless, as in the case of 546.3, the alfabet replaces heds alreĳdy printed. In this case, cancel all subsections in the Tables by drawing a line obliquely thru heds discarded, and mark in marĳin 'Alfabet by elements,' e. g.

546.3	<b>Metals</b>	<b>Alfabet by elements</b>
.31	Alkali group	
.32	Potassium	
.33	Sodium	
.34	Lithium	
.35	Rubidium	
.36	Caesium	

Then find each of these heds in Index and cancel all figures after 546.3, e. g.

Potassium, inorganic chemistry, 546.31  
 Rubidium, " 546.35

This plan has special value in this place, as new elements ar discovered from time to time, and can redily be inserted in alfabetic place. Stil many chemists think it valuabl to hav similar metals groupd together for convenience of study, and to cover books writn on the group as a whole, and also think it important to hav a number for rejected elements, becauz literature and references about them remain, and must be provided for. New elements may be inserted, as explaind on p. 14<sup>1</sup>.

**4 Broken order** Another common and often desirabl variation for shelf arrangement is to break sequence of numbers, to get most-uzed books nearest delivery desk. Theory keeps numbers in strict sequence; but a

hyer rule everywhere is 'sacrifice any theory for a substantial gain'. Practically there are few libraries where it is not best to break order of classes. Often divisions are best arranged out of numeric place; e. g. 520 Astronomy may be wanted in a room accessible at night; fiction, juveniles and biography are always wanted near the delivery desk in a public library, and in strict order are as likely to come at the most distant point. Numberless local reasons may make a broken order desirable. There need be no hesitation in adopting it if enough is gained, but there should be charts clearly showing where each division starts; e. g. after 430 'Preceding 830'; after 520 'In observatory', it being necessary to specify room for books entirely removed from general library arrangement. The page of 100 divisions is furnished by the publishers, on cards with wide margins, for just this use. Opposite each division is marked its beginning on the shelves, and it is easy to vary the order as much as necessary, though of course the nearer the divisions run in regular order, 000-999, the easier it is for a stranger to find his way about. Variations in order of sections are less wise and seldom necessary, but if made, a wood or cardboard dummy in regular place should have marked on its side the actual location of any section removed.

This broken-order plan is best for bringing together filology and literature of each language without altering numbers or prefixing any letter. Let 420 be shelved just ahead of 820, 430 ahead of 830, and so for all languages, making the general note that all 400s are shelved just ahead of corresponding 800s, and remembering that after main languages 4 or more figures are required to indicate language alone, so Portuguese filology goes between 868 and 869, Russian between 891.69 and 891.7, and Welsh between 891.65 and 891.66.

**5 Pro and con division of topics** It is very useful in many cases to separate books on a topic with strongly marked sides, so either set of views and arguments may be seen by itself. This has been done in some cases by subdivision, e. g. 337 Protection and free trade. In others it is equally useful, and can be indicated by an added mark, e. g. 324.3 Woman suffrage. The number may be used for general works, giving facts etc. and advocates and opponents may be separated by + and - for positive and negative, or by p and c, the initials for pro and con, which though short, are too long for a circulating library to use in charging but may be disregarded for that purpose if book numbers are so assorted as to distinguish. In reference libraries, on cards, etc. most will prefer to write out *pro* and *con*, to mark the 2 groups. The order on shelves is, of course, alphabetic, viz. 3 4.3, 324.3c, 324.3p; or if + and - are used, the usual order is followed: +, -.

These 5 notes suggest the range of variations which may be made, and illustrate D C adaptability to widely different conditions. For book numbers, which decide the order of material after it is grouped into its final classes, see p. 29<sup>6</sup>-30<sup>7</sup>.

## Bibliographic modifications

After study of all other available systems the Decimal Classification was adopted in 1895 by the newly organized Institut International de Bibliographie (known as I I B) as best adapted for its projected universal subject bibliography to cover ultimately all subjects in all languages in all periods of the world's history.

Determining factors were:

- 1 Decimal Classification was of topics, independent of language or exact synonym by which expressed
- 2 Its notation was in itself the only international language, since it consisted solely of arabic numerals, used by all the world
- 3 Its decimal principle allowed indefinite intercalation

Overdetailed as the Classification already seemed to many librarians, lack of subdivision was the Institute's first difficulty and it urged us at once to enlarge the Tables. State Library duties at that time made concentration on this impossible, but we promised cooperation and criticism if I I B would draft required extensions. When its remarkably rapid work precluded even adequate criticism, it was authorized to publish its tables and assured that the American revision would vary from them as little as practicable.

Obviously, bibliographic and general library use are so different that in some cases what is clearly best for real needs of scholarly specialists, where any symbols can be used on index cards, would be quite impracticable for a public library, which must have symbols that can be marked on the back of books, readily used by the unskilled public in writing call slips, and rapidly handled by low-priced runners and young clerks. Some differences between I I B tables and this edition will, in their future editions, appear as here given. Others result from serious objections to the I I B classification. We expect agreement will soon be reached, as both Institute and author plan to harmonize the few divergences as rapidly as possible.

I I B has devised and uses ingenious symbols, expressing many interrelations and greatly increasing numbering capacity. But these new symbols are thought by many too complex for ordinary shelf or catalog use, though 20 years use by I I B with unskilled clerks has proved that this objection is more fear than result of fair trial. They are given here broadly for personal notes of specialists and other close classifiers, to whom their vast practical advantages will strongly appeal, and as a key to notation on I I B bibliographic cards. Elaborate details and explanations are in *Classification décimale*, Brussels, 1905. Obviously these symbols allow subdivision of the same number in many different ways without confusion.

**1 Accretion syn -|-** This simplest of symbols, equivalent to 'and', indicates exactly what it suggests, that the article so numbered treats of all subject numbers connected by +; e. g. 637 + 614.32 a work concerning dairies and also on inspection of dairy products.

**2 Coupling syn** - This is used for coupling to a subject a series of subdivisions common to a group of subjects, as 400 Filology (e.g. 45-3 Italian dictionary), 800 Literature (86-2 Spanish drama), 546 Inorganic chemistry (546.72-3 Oxids of iron), but only where such use is specifically mentioned in the Tables, as confusion would otherwise result. This syn is so similar to that commonly used for 'to and including' that when it is used with the Institut meaning it is advisable to use word 'to' for the other meaning.

**3 Relation syn** : This is most useful symbol of all, as it involves no change of number except omission of final 0 by those preferring shortest form. It indicates merely that subjects so connected are *considered in relation to each other*, thus affording means of expressing almost limitless interrelations: e. g. ethics in relation to fine arts is 17:7 (or, better, in full 170:700). Vice versa, art in its ethical aspect is 7:17; order of numbers before and after colon depending on emphasis, or on subject with which they are to be arranged.

**4 Form syn** (0) Form or generalities are expressed by a parenthetic number beginning with 0. This is further subdivided as follows:

(0:) Form symbol; e. g. 335(0:843) means Socialism treated in form of a French novel.

(00) Subdivisions peculiar to a subject; e. g. for history it means sources.

It is further subdivided and in sum cases modified by a hyphen figure;

e. g. 9(44) (001-3) means *Catalog of official sources of French history*, (001) meaning official sources and -3 meaning catalogs, indexes, lists etc.

(01)-(09) are the same as our regular form numbers 01-09. Obviously we can not replace our long established simple form numbers by something so much more complex that it is impracticable for shelf use.

**5 Universality syn** ∞ The mathematical syn of infinity is used with place and time syns to mean 'Without limitation': with place syn (see 6 below) it means 'including all places', e. g. 9 (∞) History of all countries; with time syn (see 8 below) it means 'covering all periods', e. g. 9 (∞) "∞" History of all countries at all times.

**6 Place syn** (3)-(9) These replace our regular country subdivisions found in 930-999, but do not conflict, as I I B merely leaves D C 930-999 vacant, and writes History of France 9(44) instead of 944. Other auxiliary place numbers indicating general region, direction, geologic place, prehistoric time, etc. are also provided in place curves.

**7 Language syn** = This syn preceding language numbers as found in 400 Filology, indicates subdivision by language; e. g. 523.5=9185 means a work on meteors, in Polish, 91.85 being filology number for Polish language in 400.

**8 Time syn** " " Numbers denoting time division are written in quotes. I I B scheme gives an elaborate time-division system based on exact dates; e. g. "1922".

## BIBLIOGRAPHIC MODIFICATIONS

**9 General points of view syn 00** Each of the following numbers for point of view has also a series of subdivisions:

- 001 Speculativ: idea, purpose, plan etc.
- 002 Realization: execution, construction etc.
- 003 Economic: industrial production, cost and sale prices, etc.
- 004 Servis and use: workings, administration
- 005 Equipment and apparatus
- 006 Bildings and establishments: details of organization and servis
- 007 Special personnel

**10 A to Z** Alfabetic arrangement by name of person, place or thing is indicated according to circumstances by initial or whole name.

**Sequence** of these simbols in clas number may be varid by uzers to produce any special arrangement wisht, but unless distinct notis of this is givn, sequence is arbitrary in the following order:

( ) " " = : - A-Z

e. g. 9(44) " 17 " = 2 History of France in 18th century, writn in English.

### Other uses

Tho this sistem was devized 1st for library catalog and shelf arrangement, 49 years hav developpt many new applications. Nearly every administrativ department feels directly the great economy, and in every field of literary activity this clasification has been found a great laborsaver, whose practical usefulness has exceeded the most sanguin hopes of its erly frends.

**Bookstores** The plan is a great convenience to both dealers and customers, when applyd to miscelaneus stok. Very often a much wanted book, specialy if not recently publisht, is reported 'not in stok', when D C arrangement by subject wud hav reveald its place at once. Specialists often find on shelvs books they wud never hav orderd, but ar glad to by after examination. Experience proves it profitabl for a dealer to arrange his books so each person may find what he is interested in without examining entire stok.

**Offis files** A great file of papers is like a library in miniature. Experience the world over proves that while alfabetic and numeric systems ar invaluable for many purposes, complete usefulness demands close clasing as material grows. The best plan is to combine simplicity of numeric and utility of clas as in this Decimal Clasification and Relativ Index uzed by most libraries. The simplest posibl printed index of 40,000 heds tels instantly by what number to mark or to find any paper. Insurance is markt 368. This means: clas 3, Sociolojy; division 6, Associations and institutitions; section 8, Insurance. Fire insurance is 1st subdivision, so every paper about fire insurance is markt 368.1 and goes in the drawer in numeric order, where it can instantly be found by the printed Index.

## DECIMAL CLASSIFICATION

49 years use in a score of countries has proved this numeric system, with its Relativ Index, a marvelous labor-saver. Classification is a necessity if all material on any given subject is to be readily found. The labor of making one's own classification is usually prohibitive, if well done. By adopting the scheme in general use by libraries this labor is saved and numbers are in harmony with those of thousands of other catalogs and indexes in which the same number has the same meaning; for, as pointed out at a recent international congress, these numbers are an international language of perfectly definite meaning among all civilized nations; and also cheapest and quickest in application.

A successful man is usually a classifier and chartmaker. This applies as much to modern business as to science or libraries. Higher education differs from elementary in studying not mere facts, but their *relations to all other facts*. Alex. Bain wisely said 'to learn to classify is in itself an education'. The man of much business or affairs must study every problem in its manifold relations; i. e. must classify and make charts of his results. Without these he is like a sailor in strange waters, sooner or later shipwrecked unless he uses charts to find safe channels as well as to avoid rocks and shoals. A large business or work unclassified or uncharted is not a worthy organization but mere material from which a clever brain may construct one. It differs in efficiency from the ideal as a mob of men differs from a well-disciplined army. Piles of brick and mortar are not a temple any more than heaps of type are Shakespeare's works, though if 'classified' and set, each in its relation to the rest, the transformation is brought about.

**Scrapbooks** The plan has proved the best for keeping newspaper clippings. Use manila sheets of uniform size (we find 25x20cm best). Write class number of subject in usual place on page, and mount clippings on sheets as in a common scrapbook. These sheets are arranged numerically like a class card catalog, sheets of each class being further arranged, when desirable, under alphabetic subheads. When one sheet is full, insert another at the exact place. Thus perfect classification is kept up without blank sheets, and at smallest outlay of money and trouble. Scraps thus mounted are shelved either in manila pamphlet cases or in patent binders, or are kept in vertical files.

**Index rerums** These are best made on standard P size ( $7\frac{1}{2} \times 12\frac{1}{2}$  cm) cards or slips. Light weight catalog card stock is best for private indexes, etc. It costs only half as much as heavy Bristol, takes only half room, and handles easily.

Where durability and convenience of handling are less important than cheapness use common heavy writing paper. Novices often greatly diminish usefulness of the card system by using ordinary machine-cut cards or slips varying in height so much as to make quick and accurate manipulation impossible. Extreme variation to be tolerated is 1 mm or  $\frac{1}{16}$  inch. This will be understood by placing a 7.4cm card between two 7.5cm cards. In rapid turning, fingers make a bridge across taller cards and miss the lower one entirely.



## OTHER USES

Cards must be accurately cut or they lose half their value and in many cases necessitate recopying material at a cost 10-fold greater than to have thrown away imperfectly cut cards or slips at the outset.

Class number is written in upper left corner, any alphabetic subject heading follows at right, and notes fill card below. Cards are then filed in order of class numbers, the cards of each class being further arranged like scrap sheets, according to any alphabetic subheads.

Paper the size of scrap sheets, 25x20cm, arranged and stored the same way may be used instead of cards. This has the advantage of a full letter page in sight at once, and holds over 5 times as much as card. While the system can be applied to slips or sheets of any size, there are literally hundreds of accessories and conveniences exactly adapted to these 2 sizes, which are used 10-fold more than all others combined; so it is folly to begin on another size, and lose the advantages of this uniformity. If intermediate sizes must be had, the best are Billet 15x10cm, Note 20x12½cm, and Ms. 25x15cm. Often users of some other size finally find it profitable to change to either P, 7½x12½, or to L, 25x20cm, even at cost of rewriting many notes.

Note books are best in this last form. A much poorer method is to take a bound blank book, and assign class numbers in order, giving about the space it is thought each will require, and, when pages so assigned are full, note at bottom where the rest of the material may be found. This has all objections of old fixed location as compared to relative, and will hardly be adopted by any person who has ever seen loose-leaf simplicity and economy.

Scores of devices for convenient handling and storing of these slips and sheets and of pamphlets are manufactured. The full descriptive and illustrated catalogs of Library Bureau, Boston, give details.

**Topical indexes** Class numbers are used to index books read. Simple numbers take the place of a series of words and results can be handled, arranged and found much quicker. Such entries may be kept separate or combined with index reruns.

Advantages for making topical indexes of collected works, periodicals, transactions etc. will be evident to every indexer or librarian. These consolidated indexes may be arranged together with the card catalog of the books, or by themselves, as seems best in each case.

These are only a few of the system's varied applications. Enough have been mentioned to show its wide adaptability to wants of librarian, student and business man.

## Separates

There is growing use by specialists who wish very detailed tables of their subjects, but only so much else as will show perspective of these subjects in the general scheme and provide for broad classification of other material on the same plan. As far as demand will cover expenses, any subject elaborated will be published separately with general explanation, directions for use, 3-figure tables for other subjects, and full index; e. g. normal school

## DECIMAL CLASSIFICATION

libraries specializing on education will want the elaborate 370 scheme but may not need to carry classification of other subjects beyond 3 figures; electric engineers may have no use for 370, but will need all details of 621.3, with only 3 figures for other subjects.

---

This brief account has probably failed to meet some objections which may be raised and could easily be answered.

The much elaborated and in some few points altered, the essential character of the plan has remained unchanged from the first. Revision and expansion constantly in progress involve many new interrelations. As extensive advance testing of new schemes is not always possible practical applications are sure to develop unnoticed faults. Classifiers are therefore asked to use new tables critically and report defects of any kind, with proposed remedies and any needed subdivisions, also any heads needed for the Index. All such criticisms are a decided help and favor.

### Acknowledgments

The labor on Classification and Index has been wholly beyond appreciation of any who have never attempted a similar task.

In his varied reading, correspondence and conversation on the subject, the author has doubtless received many suggestions and gained ideas which it is now impossible for him specifically to acknowledge. The *Nuovo sistema di catalogo bibliografico generale* of Natale Battezzati, of Milan, adopted by the Italian publishers in 1871, though he copied nothing from it, more than any other single system stimulated his study of the problem. The plan of the St. Louis Public School Library and that of the Apprentices' Library of New York, which in some respects resembled his own, were not seen till all essential features were decided on, though not given to the public. In filling the 9 classes of the scheme, the inverted Baconian arrangement of the St. Louis Library was followed. The author has no wish to claim original invention for any part of his system where another has been before him, and would gladly make specific acknowledgment of every aid and suggestion where it is in his power. Though at its start a little book, it came not forth except by grievous labor.

Much valuable aid has been rendered by specialists, who have assisted greatly in developing tables. Among these are many well-known scholars, and to all most cordial acknowledgment is made. Without such assistance, the present development could not have been attained, for many minds were necessary to supply technical and special learning absolutely essential in filling minute heads. Indeed, in many subjects the author's share has been limited to modification necessary for technical adjustment to his scheme, of material prepared by specialists. To many prominent librarians we are indebted for valuable suggestions and appreciative criticism. While these friends are in no way responsible for any remaining imperfections, they should have credit for many improvements made in these 49 years

## AKNÓWLEJMENTS

of revision, during the 1st 3 of which the skeme was kept in manuscript, that its many details myt be subjected to actual tryal, and modifyd where improvement was found posibl.

We ar under deep obligation to the Institut International de Bibliographie for its great volume of valuabl work, covering almost the whole ranje of subjects, and also for its advice and criticizm during progress of our own expansions. To Dr C W Andrews, John Crerar Librarian, Chicago, and to the American Library Association D C committee, of which he is chariman, we ar greatly indetted for interest an<sup>1</sup> advice.

**W S Biscoe** From 1st publication to the present, the most extended and valued assistance has cum from my colej clasmate, associate and frend, Walter Stanley Biscoe, my 1st assistant in Amherst College Library, in charj of which he suceeded me, resyning to accept again in 1883 the place next me in Columbia College Library, and again resyning in 1889 to becum librarian in charj of clasification and catalogs in New York State Library. This book is witness to the rare unselfishness with which he has givn time taken from rest and recreation to this work, in which he shared my interest and faith.

**May Seymour** Except a year in charj of clasification in the Osterhout Library she was with me 34 years, from her entrance to the 1st Library School clas in 1887 til her deth, June 14, 1921. At New York State Library, clasification was her department til she was made director's assistant. For 32 years every item of work on new editions past thru her hands. For each edition she did all editorial and much constructiv work, secured expert cooperation, cald attention to faults or omissions, and sought the best availabl compromize where doctors disagreed, devoting to this vast labor rare skolarly industry and a loyalty for which no words of thanks can be adequate. She shared my faith in its immense usefulness, did the hardest work, and deservs the gratitude of all who profit by this invaluable laborsaver. I often askt that her name appear on the title-paje of the book to which she gave so much, but she persistently refused.

Her place as editor is taken by one of her own choosing, Miss Dorcas Fellows, who more than anyone else had workt closely with Miss Seymour for 25 years. With hedquarters in New York State Library at Albany, where she has the best facilities for her difficult work, she wil giv future editions the benefit of cumulativ experience in which she has so larjly shared. D C uzers ar congratulated that Miss Seymour's position is held by the one she chose as best adapted to carry on her work.

## Future of D C

Miss Seymour had a stedily growing wish to make the D C a permanent force for education, by greatly improving its ful, abrijd and outline editions, and by printing cheap special editions (indext) for many prominent divisions; e.g. education, medicin, engineeing, agriculture. As a memorial to her, all copyryts and control of all editions hav been givn to the Lake

#### DECIMAL CLASIFICATION

Placid Club Education Foundation, in establishing which she had been warmly and actively interested, and which was chartered by the University of the State of New York, Jan. 26, 1922, with these objects:

' as an educational institution, to restore to helth and educational efficiency teachers, librarians and other educators of moderate means, who hav becum incapacitated by overwork; to establish, maintain and aid skools. libraries or other educational institutions, specialy at Lake Placid; and to institute, organize or foster other movements to advance public welfare thru education, by means of the Foundation pres, conferences, forums, addresses, gyded reading, and similar ajencies'.

To this Foundation was at once givn all voting stok and surplus of Lake Placid Co. (which owned the 8000 akers and 335 bildings of Lake Placid Club), thus assuring permanent financial support, which has alrede been further increast to \$529,000 by bequests from interested frends. Under Foundation auspices future editions of the D C wil be publisht, on absolute condition that entire reciets abuv necessary expenses be uzed forever solely for improving the D C and extending its usefulness, thereby preventing posibility that the work shud ever be uzed as a source of iether individual or institution profit. A D C committee of the most interested Foundation trustees, in consultation with committees of the American Library Association and Institut International de Bibliographie, and with editors and collaborators, wil insure observance of the abuv condition.

MELVIL DEWEY

LAKE PLACID CLUB N Y

Aug. 31, 1922

Previus editions hav been dated Amherst College Library, June 10, 1876; Columbia College Library, Aug. 10, 1885, and Aug. 30, 1888; New York State Library, Dec. 25, 1890; Lake Placid Club, Ap. 10, 1911, Ap. 10, 1913, Oct. 1, 1915, Aug. 11, 1919.

# SIMPLER SPELING REAZONS AND RULES

## Reazons

Uzers of the Decimal Clasification ar entitled to kno why the author feels compeld to recognize practicaly the urjent claims for reform in English speling, by adopting enuf of many needed chanjes to call every reader's attention to the crying situation.

Many wil be annoyd and sum wil ridicule, but since 1872 I hav constantly studid, with very unuzual opportunities, the need and practicability of this reform. From its founding in 1876 at the Philadelphia Centennial, I hav been secretary of the Speling Reform Association. I servd several years on the advizory committee on speling and pronunciation for our greatest and best English dictionary, the Standard. While executiv offiser of the University of the State of New York, which has charj of all hyer education, I uzed my great opportunities for studying relations of speling to education. As a trustee and on its Executiv Board I hav shared activly from its orijin in Simplifyd Speling Bōard work, to which Andrew Carnegie gave (up to his deth) \$10,000 to \$25,000 yearly to spred correct knowlej about English speling and the great need for its improvement. I also servd on the National Education Association committee which, jointly with committees of the American Filologic Association and Modern Languaj Association, during 10 years careful study, made the key alfabet now uzed in the entire series of Standard dictionaries and in all books based on them. I was president of the Efficiency Socyety and also of the National Institute of Efficiency, and chairman of the committee of each on 'Efficiency in English writn and spokn'. It is therefore not an advocate of a new fad who speaks, but one who has for over 50 years kept in tuch, personaly and by correspondence, with others studying this matr, not only in many American states but also in Canada, Great Britain, India and Australia, and with many in non-English speaking cuntries.

In the past  $\frac{1}{2}$  century the most competent jujes hav cum to almost unanimous agreement as to imperativ need for radical improvement. On this point great universities, editors of all great dictionaries, leading educators of the English world, and recognized leaders among students of English all agree. It has been publicly stated in larj meetings of languaj skolars that there was no recognized authority on English living who did not now believ in the urjent need of speling reform.

But as to the best *method*, there ar 3 skools with their varius combinations. All agree that there is only 1 entirely satisfactory goal; i.e. just 1 distinct syn for each of 40 distinct sounds, and just 1 sound for each of these 40 syns. But we now hav over 400 simbols or combinations to represent these 40 sounds. 'Shay' has only 2 simpl sounds. The *sh* is speld in 20 ways and the *a* in 24 ways; i.e. this simpl word of only 2 sounds may be speld 480 ways in exact analojy with other English spelings. Webster's *Dictionary* says Shakspere's name was speld 30 ways;

## DECIMAL CLASSIFICATION

the Mainwaring family records sho 130 variations in their name; and A J Ellis made over 6000 spelings of 'scissors', all justifyd by dictionary analogies. Booker Washington told me that they wud not graduate from Tuskegee one who cud not spel and pronounce correctly this sentence: 'Though the rough cough and hiccough plough me through I ought to cross the lough'. We markt agenst each letr all the different ways of pronouncing it in English. By simpl permutation this showed over 16,000,000 ways in which this sentence cud be pronounst. Then we markt agenst each sound all the different ways of speling it and proved that there wer 66 decilion (66,000,000,000,000,000,000,000,000,000,000) ways of speling the sentence, each justifyd by analogy. Yet he was soliciting mony to teach those poor colord students just which of this infinit varyety must be uzed before he cud graduate.

One group believes in ading 6 new consonants for *ch*, *ng*, *sh*, *zh*, *th* and *dh*, and 11 new vowels; for as *c*, *q*, and *x* duplicate *s*, *k* and *ks* or *gz* we hav only 23 letrs toward the 40 needed in a perfect English alfabet. These letrs wud then be uzed with as invariabl meanings as Arabic numerals and we shud be rid of varius devices for expressing sounds for which we hav no distinctiv letr; e.g. for the word 'fyn' we ad *e* to 'fin' and say that 'servil e' is silent where writn, but means that the *i* in erlier part of word is not *i*, but the difthong *ai*, combined of the sounds of *a* in 'ar' and *i* in 'it'. This is exactly analogus to writing 4537 and saying that 7 is silent but means that the 5 is realy 9, so the number is 493. We ar so uzed to these absurdities that we recognize their folly only when translating them into an exactly similar case with Arabic numérls.

When these wer introduced into English the identical arguments put forward today agenst syentific speling wer urjd agenst the stranje Arab characters. Men said, 'Every child knows at a glance that V is five, but who cud understand *v*?' which they printed lying on its face.

No one questions that *complete* reform is best. Most skolars, however, think it impracticabl to do it all at once except amung a limited clás, becauz of difficulty of introducing new letrs on typwriters and for printers. We hav evolvd *i*, *j* and *y* from *i* letr, and *u*, *v* and *w* from *v*, and skolars say we shal in time in same way, evolv the other new letrs needed.

The Simplifyd Speling Söcety of Great Britain attempts to solv the problem without any new letrs by uzing digrafs, as we hav alredy dun for *ch*, *ng*, *sh* and *th*. This has the advantaj that every typwriter and printer is fully equipt for new speling. It has the great disadvantaj that it lengthns many words and offends the eye much more than new letrs. It is as absurd to use *c* and *h* to represent a sound which has niether *c* nor *h* in it as it wud be to uze 74 to represent 5.

The Simplifyd Speling Board (American), supported by Andrew Carnegie til his deth and now working on its own resources, decided that the most practical plan was to list a limited number of most needed chanjes to urj for immediate jeneral adoption, thus expediting the stedy growth toward

## SIMPLER SPELLING REASONS

syentific speling shown by the history of English. This method is eaziest but involvs glaring inconsistencies; e.g it drops 1 of dubl consonants final in most cases, speling *mis, dol, tel*, but leavs *all, roll, hiss, off* becauz they wud be mispronounst by most peopl if shortnd.

1 word is speld perfectly like 'fel', perhaps the next is improved in only 1 silabl like 'knowlej', and the next may be worst of the 3 and not chanjed at all becauz we lak necessary new letrs. S S S (English) is *consistent* for it spels each word foneticly, and this entire consistency appeals to sum so much that they endure longer awkward forms. S S B (American) offends the eye much les and *shortns* nearly every word it chanjes, but has the fault of incompleteness.

The 5 reasons for speling reform ar:

1 **Disgrace** of having what experts agree is the most illojical, unsyentific, unskolarly and altogether worst speling of any languaj in the world. While this greatly discredits the peopl that hav becum greatest in all history, it is least of the 5 reasons.

2 **Criminal waste of mony** Careful count of many English selections shows that 15% or 1/7 of the letrs wud be saved by strictly syentific speling. This means waste of 1/7 total cost of everything connected with writing or printing English: stationery, time, composition, proofreading, paper, ink, preswork, binding, transportation. Not only ar these countless bilions wasted each year, but there is enormus waste of time in hesitating as to ryt speling, consulting dictionaries, interrupting train of tho't, which fairly translated into mony makes a staggering total.

3 **Criminal waste of skool time** A committee of expert educators, after munths of consideration, agreed that on the skool life of a child going from kindergarten to university we cud save 3 years if we cud eliminate speling books and everything connected with them, as is dun in completely fonetic cuntries, where speling is merely pronouncing a word letr by letr, so anyone can spel if he can speak. This waste is not alone in speling clases, for in all other studies speling is a continual handicap and wastes time not only in skool days but all thru life.

4 **Adling brains** Any student of child sykolojy knows that one cud hardly devize a more dedning process to a normal brain than to teach such words as *bone, done, gone; love, move, rove; lose, close*; or worst of all, *Though the rough cough and hiccough plough me through I ought to cross the lough*. If the brain works normaly the child surely pronounces the vowels of the later words like the 1st. If 'though' is 'tho', surely 'rough' is 'ro' and 'cough' is 'co.' Long before he reaches the 8th word he is redy to believ any absurd thing that is told him, and finds in English it is a matr of personal introduction to each individual word before there is any safety as to how it may be speld or pronounst. Ex-president Hill, of Harvard University, declared that no man ever had or ever cud spel and pronounce every word of English correctly, as it was beyond human possibility to becum intimate enuf with all the 1/2 milion words in the latest dictionaries.

## DECIMAL CLASSIFICATION

An associate city superintendent of schools in New York says:

' Next to learning by imitation, the child must be taught to learn by association and analogy. He develops strength of mind by exercise of judgment. He must reason from known facts in the solution of his little problems. If he comes to a new printed word and halts, the teacher asks him to think of the oral word for which it stands. Having learned that 'puf' and 'muf' stand for well-known oral words, he is staggered at 'rough' and 'enough', frequently used in conversation. Having learned that these characters stand for well-known spoken words which he wrote 'ruf' and 'enuf' from his knowledge of 'puf' and 'muf' he is again confused when the teacher tells him that 'dough' is the spelling of the well-known word his mother uses when speaking about bread-making, and that 'cough' stands for the malady so prevalent in the nursery during winter time.

The stage of the child's tuition during which all the similar incongruities of our spelling must be mastered, occupies many years of school life, and the process has well-nigh produced a disbelief in reason as a means of learning, and a total lack of confidence in inference. The result of falling into absurd and ridiculous situations through exercise of his judgment, appears in a hesitancy or fear of drawing any inferences upon data relating to other fields of knowledge. The child has lost faith in his own conclusions with respect to problems in arithmetic, biology, geography, history etc. To what extent of subject matter and time the school child has suffered irreparable loss, by failure to acquire confidence in exercise of his judgment as a result of his early stultification during process of learning to master spelling of common words, may never be determined.'

5 **English as world language** Except for its scandalously complex spelling, English is better fitted than any other language for universal use. It is practically grammarless. Pedants have saddled us with an adaptation of Latin grammar which is almost useless. English has strength, simplicity, conciseness, capacity for taking words freely from other tongues, and best of all has the greatest literature the world has yet produced. Great German philologists have said 'it is lucky for the rest of Europe that the English do not realize that only its absurd spelling stands between their language and early world empire'. If we check over the past 5 centuries the growth of English is astounding. Once Portuguese with its great Brazilian country had some chance, or Spain with South America, but French came to be the language of diplomacy and more than any other, the world language. Each century Germany, with its high birth rate, gained rapidly and soon past France. Russia with its countless millions came in as a leading competitor, but each century the most significant and remarkable growth was English. Long it was English, German, French; then English, German, Russian. The great war sadly handicapped all other competitors just when it greatly improved the position of English. 3/5 of the world's business mail is now in our language and this ratio grows yearly. Recent prominent French journals have frankly published to their people *the need for every Frenchman to learn English* because it was already the world's business language and rapidly growing. The far-sighted Carnegie made his great gifts for simplified spelling for 2 chief reasons. He had given the Peace Palace at the Hague, and recognized that a common tongue was the greatest



protection agenst war. His study of history taut him that race, color, relijion and jeografic location had les influence than a common tung in binding peopl together. Our fraze, 'He doesn't speak the same languaj', indicates hopelessness of agreement. He knew that no force wud contribute so much to world peace as spred of a common tung. He knew that this wud carry Anglo-Saxon ideals of liberty and tolerance thruout the world. The canny Scot knew also that it wud do more than all else combined to extend and strenghtn our commerce.

Can anyone not blind to human welfare face these undouted facts and not feel *bound* to help on wherever practicabl a reform that many educators and publicists recognize as more important, and as having more far-reaching results for America and the world than any other? The solution to most of our social problems lyz not in lejislation and police, but in *education of the masses* so that they wil *kno and prefer the ryt*. Such education must be *chiefly thru reading*, for the great mas of peopl can be in skool only long enuf to lern to take from the printed paje the author's meaning. Their real education must be not in the few skool days in youth, but all thru life and cuming chiefly from reading books, magazines and papers. Those who believ in working for a betr world must see that the first great step is to take from the path of education this greatest stumbling blok, for our speling not only wastes milions of years for every jeneration, but dedns and dwarfs childhood's brain by its gross absurdities. Can anyone not a selfish moral coward, knowing these facts, refuze to help get rid of the incubus by uzing at least a few of the shorttr, betr forms in his own writing?

**Disregard of pedants rules** Thomas Jefferson said 'Where strictness of grammar does not weakn expression 'it shud be attended to, but where by small grammatical negligences the enerjy of an idea is condenst or a word stands for a sentence, I hold grammatical rigor in contempt'.

Study of the past 5 centuries shows how greatly English has been simplifyd and improved and how absurd is the frequent comment of those ignorant of the life history of English that 'languaj can't be chanjed by conscius efforts of its uzers'. Of thousands of improvements made in the last 500 years every one was *uzed first* by sumone who saw the need and had the moral curaj to be a pyoneer and disregard rules of pedants of his day. The greatest need of the English world is to simplify its languaj, specialy in speling, so it may be uzed by all nations. It is disgrace to be blind to the facts or to be too cowardly to uze sum at least of the needed chanjes and so risk criticizm or ridicule of the ignorant. The great function of English is to *convey author's tho't clearly and compactly to reader's mind*.

Arabic figures ar the simplest simbols known to man. It is silly to write out 'eighty-eight' or 'LXXXVIII' for the simbol 88; or to write 'three hundred seventy-eight' with 24 letrs when 378 is  $\frac{1}{8}$  as long and vastly clearer. Modern pressure for space and economy has led many

prominent journals to substitute figures for words, but most of them still fear the silly pedants' dictum that figures must not begin a sentence. But figures are winning their way, specially in headings, and our descendants will wonder at our stupidity which so long prevented full use of one of the world's greatest labor-savers. It is like continuing wigwag signals after invention of telephone and wireless.

30 years ago I advocated dropping useless *al* from *academical*, *grafical* etc. Persistent use was copied by others till now many of our best writers avoid the foolish *al* and get stronger as well as shorter words. When adding adverbial *ly* we should still omit *al* and say *grafically*, *academically* etc. In fact very few people pronounce the *al* in common speech. If we adopt Thomas Jefferson's standard we should expedite greatly many needed improvements in our great mother tongue.

**Consistency** This is the hobgoblin bugbear of little minds. If a printer sets types which really should be omitted or changed we often avoid labor of correction; for consistency with other spellings is less important than to break down by combined efforts of scholars and men of affairs the immense and stubborn, pedantic, foolish prejudice which sees something sacred in the common spelling of a word, while it thinks little of constant variations in its pronunciation. Many who would gladly help the cause are too busy with larger affairs to spend time in looking up rules. They should simply spell better whenever they think of it and not be troubled if on the next page they forget to simplify. Have Thomas Jefferson's courage and hold pedantic consistency in contempt.

**Conciseness** We should use shortest forms of expression consistent with clearness. The 2d forms below are as much stronger and better as they are shorter:

this has been found to be an encouragement to good work — this  
 encourages good work  
 extend an invitation — invite  
 take into consideration — consider  
 the purchase of — buying  
 purchasing agent — buyer  
 a large number of — many  
 due to the fact that — because  
 sum of \$10,000 — \$10,000  
 in a prudent manner — prudently  
 put in an appearance — appear  
 the twenty-eighth day of May in the year of our Lord one thousand  
 eight hundred and ninety-nine — 28 May 1899 (*9 vs 79 types*)  
 it is often the case that authors fail — authors often fail  
 give the boundaries of — bound

**Can it be done?** Absurd spellings like old 'fyshe' and 'dogge' for 'fish' and 'dog' are sluffing off useless letters as a tadpole loses its tail, or as scum rises from boiling sap in a maple orchard. Samuel Johnson in 1755

printed a dictionary which greatly delayed this natural process. Using neither rhyme nor reason he embalmed in a book, with the weight of his great name, simply the usage of London printing offices, which were run almost wholly by Dutch and German printers, many of whom knew no English. He laid down as a sacred law, 'Uphill with 2 ls' but 'downhill with 1', and endless similar absurdities, at which we laugh, but we have made 'downhill' as difficult as his 'uphill' and still look askance at one who spells 'til' as he does 'until'. Our greatest philologist, William D Whitney of Yale, editor *Century dictionary*, wrote to our 1876 International Conference on Spelling Reform a concise statement which has been very often reprinted, and I think never questioned by any competent authority: 'The true and sole office of alphabetic writing is correctly to represent spoken speech.'

Many changes were merely corruptions resulting from slipshod pronunciation and lack of accurate spelling, which would have been a reliable guide. Always many changes are inevitable in any language, as its words and idioms grow, die or change, in pronunciation, spelling and meaning. To continue old spellings after words have changed is as absurd as to continue old price quotations instead of following the market. Englishmen are conservative but we have substituted (but only long after other nations) arabic numerals for the clumsy I, V, X, L, C, D, M; we have a reasonable and uniform way of writing music; we are soon (again last of civilized nations) to use international metric measures, thereby saving countless millions. Practical business will not much longer endure the costly tyranny of the  $\frac{1}{2}$  educated and wholly unbusiness-like and inefficient pedant. So if the intelligent will do their duty we shall expedite greatly the steady growth of English toward simplicity, strength and efficiency. That infinitely desirable process can be brought about only by pioneer adoptions by those who have both knowledge of the great need and courage to lead in a cause bound to be unpopular with those ignorant of phonology and of the vitally important reasons which have compelled all dictionary makers and great English scholars to declare in favor of simpler spelling.

### Rules

We print below 7 of the best known codes for convenient reference when one wishes to decide with what changes he will start his better spelling. All will doubtless use the 12 words and most will be glad to adopt S S B 30 words chosen with great care by leading scholars as the best small beginning for the average man. These are simply sample words. S S B alphabetic rules represent expert judgment of distinguished philologists as to changes desirable and practicable to recommend for early general adoption. These are followed by 18 rules, which comprise an earlier list and, forming the basis of the alphabetic list, largely duplicate it but are included here for convenience of those who wish a selection of the most important. A compact dictionary list of all English words covered by S S B rules will be sent on application.

DECIMAL CLASIFICATION

The 5th code is our D C rules, uzed in adition to S S B rules, by those willing to pyoneer stil faster. The 6th code, a selection from U S Jeografic Board rules, and the 7th, the 10 joint rules of American and English filolojists, ar aded for reference and to sho by repetition in different codes how closely the best authorities ar in harmony.

To all governd by *reason* rather than by vizual *prejudis* the objection to simpler speling that 'it looks queer' wil be more than offset by the arguments, both skolarly and practical, in its favor; while those who shrink from uzing simpler forms thru fear of being regarded iliterate may find curaj thru knowing that the movement is supported by the most eminent filolojic authorities.

**N E A 12 words**

The National Education Association in 1898 adopted for use in all its official correspondence and printing the simplifyd spelings widely known as 'the 12 words', **catalog, decalog, demagog, pedagog, prolog, program, tho, altho, thoro, thorofare, thru, thruout**. In 1916 it adopted rule to simplify *ed* to *t* when so pronounst, in past tenses of verbs.

**S S B 30 words**

This list was chozen with special reference to correspondence, and includes the 5 typ-words, **catalog, program, tho, thoro, thru**, of the 12 words adopted, as noted abuv, by the National Education Association in 1898, for use in all its official publications and correspondence.

ad	buro	fixt	reciet	(al)tho
adrest	catalog	giv	reciev(d)	thoro(ly, -fare, etc.)
anser(d)	det	hav	shal	thru(out)
ar	engin	insted	shipt	twelv
askt	enuf	liv(d)	tel	wil
bil(d)	fil(d)	program	telephone	yu

**Simplifyd Speling Board alfabetic rules**

**æ, œ, initial or medial.** Spel *e*; e.g. **esthetic, medieval, fenix, maneuver, subpena**; but **alumnae, striae** etc.

**æ, œ** ar now uzually writn **ae, oe**. Other cases of **ae, oe, medial**, as in **canoecist, Gaelic, subpenaed** etc. ar not affected

**bt pronounst t.** Drop *silent b*; e.g. **det, dettor, dout, indetted, redout**  
Retain *b*, if pronounst, in *subtil(e)*

**ceed final.** Spel *cede*; e.g. **excede, procede, succede**

**ch pronounst like c in car.** Drop *silent h* except before *e, i, y* [or *uze k*]; e. g. **character, clorid(e), corus, cronic, eco, epoc, mekanic, monarc, skolar, skool, stomach, tecnical**; but **architect, chemist, monarchy, or arkitect, monarky**

**dubl consonant before e final silent.** Drop last 2 letrs; e.g. **bagatel, bizar, cigaret, creton, crevas, gavot, gazet, giraf, gram, program, quadril, quartet, vaudevil**

SIMPLER SPELING RULES

**dubl consonant final.** Reduce dubl to singl, but in *-ll* only after a short vowel, and in *-ss* only in monosilabls; e.g. *ad, bil, bluf, buz, clas, dol, dul, eg, glas, les, los, mes, mis, pas, pres, shal, tel, wil*, but not *al* for *all*, *rol* for *roll*, *needles* for *needless*, etc.

Retain *gross, hiss, off, puss*

**e final silent.** In the following cases drop *e*:

- a) After a consonant preceded by a short vowel strest; e.g. *bad* (*bade*), *giv, hav, liv, centiped* (when so pronounst)
- b) In *ar(e), gon(e)*, and in *wer(e)* when not pronounst to rime with 'there'
- c) In the unstrest final short silabls *ide, ile, ine, ise, ite, ive*, pronounst as if speld *id, il, in, is, it, iv*; e.g. *activ, bromid, comparativ, definit, determin, examin, favorit, hostil, iodin, infinit, nativ, opposit, positiv, practis, promis, textil*

The ordinary use of *e final* after a singl consonant is to indicate that the preceding vowel has a pronunciation different from that which it wud normally hav if the consonant in question wer final, as in *bar, bare; hat, hate; her, here; them, theme; sir, aire; bid, bide; con, cone; run, rune*. Hence the *e final* is retaind in such words as *arrive, care, confuse, fine, mile, polite, ride, rode*, and also in *bromide, iodine*, etc., when pronounst with the *i* of *line, side*

- d) After *lv* and *rv*; e.g. *involv, resolv, twelv, valv; carv, curv, deserv, serv*
- e) After *v* or *z* when preceded by a digraf representing a long vowel or a difthong; e.g. *achiev, believ, deciev, freez, gauz, leav, reciev, sneez*
- f) In *oe final* pronounst *o*; e.g. *fo, ho, ro, to, wo*

Retain *e* in inflections *-oed, -oes*; as *foes*, not *fos*, *hoed*, not *hod*

**ea** pronounst as in *head* or as in *heart*. Drop the silent letr; e.g. *bred, brekfast, hed, helth, hevy, insted, lether, plesure, welth, wether; hart, harty, harth*

**ed final** pronounst *d*. When the chanje wil not suggest a wrong pronunciation, drop *silent e*, reducing a preceding dubl to a singl consonant; e.g. *anserd, cald, carrid, delayd, employd, examind, fild, followd, marrid, pleasd, preferd, recievd, robd, signd, sneezd, struggld, traveld, worrid, wrongd*; but not *bribd* for *bribed*, *cand* for *caned*; *changd* for *changed*, *fild* for *filed*, *pricd* for *priced*, *usd* for *used*, etc.

The *e* is retaind only in cases where it has by convention a diacritic use, to indicate a preceding long vowel, or in the case of consonants, *c* sibilant or *g* pronounst *j*

**ed final** pronounst *t*. When the chanje wil not suggest a wrong pronunciation, spel *t*, reducing a preceding dubl to a singl consonant, and chanjing *ced, sced, final*, to *st*; e.g. *askt, fixt, helpt, indorst, wisht; addest, kist, past, shipt, stopt, stuff; advanst, announst, commenst, invoist, notist; acquiest, effervest*; but not *bakt* for *baked*, *deduct* or *dedust* for *deduced*, *fact* or *fast* for *faced*, *hopt* for *hoped*, etc. (See note to preceding rule)

DECIMAL CLASIFICATION

- ei** pronounst like **ie** in **brief**. Spel **ie**; e.g. **conciēt, deciev, inviegle, iether, reciev, wier, wierd**
- ey final unstrest** pronounst like short **y** final. Drop *silent e*; e.g. **barly, chimny, donky, journy, mony, pully, trolly, vally, whisky**
- gh** pronounst **f**. Spel **f**; drop *silent letter* of preceding digraf; e.g. **cof, draft, enuf, laf, ruf, tuf**
- gh** pronounst like **g** in **gas**. Drop *silent h*; e. g. **agast, gastly, gerkin, gost, goul**
- gm final**. Drop *silent g*; e.g. **apothem, diafram, flem, paradim**
- gue final** after a consonant, a short vowel, or a digraf representing a long vowel or a difthong. Drop *silent ue*; e.g. **catalog, dialog, harang, leag, sinagog**; but not **rog** for **rogue**, **vag** for **vague**, etc. *Tongue* spel **tung**
- ise final** pronounst as if speld **ize**. Spel **ize**; e.g. **advertize, advize, apologize, enterprize, franchize, merchandize, rize, surprize, wize**
- mb final** after a short vowel. Drop *silent b*; e.g. **bom, crum, dum, lam, lim, thum**; but not **com** for **comb**, **tom** for **tomb**, etc.
- ou** before **l**, pronounst like **o** in **bold**. Drop *silent u*, except in **soul**; e.g. **bolder, mold, sholder**
- ough final**. Spel **o, u, ock, or up**, when pronounst as if so speld; e.g. **altho, boro, donut, furlo, tho, thoro; thru; hock; hiccup**. Spel **plow**
- our final**, with **ou** pronounst as a short (obscure) vowel. Drop **u**; e. g. **color, favor, honor, labor**
- ph** pronounst **f**. Spel **f**; e.g. **alfabet, emfasis, fantom, fonograf, fotograf, sulfur, telefone, telegraf**
- re final** after any consonant except **c**. Spel **er**; e.g. **center, fiber, meter, theater**; but not **lucer** for **lucre**, **mediocer** for **mediocre**, etc.
- rh initial**. Drop *silent h*; e.g. **retoric, reumatism, rom (rhomb), rubarb, rithm**
- sc initial** pronounst as if speld **s**. Drop *silent c*; e.g. **senery, sented, septer, sience, simitar, sissors**; but **scatter, scooner, sconce**, etc.
- u silent** before a vowel medial. Drop **u**; e.g. **bild, condit, garantee, gard, ges, gide, gild**
- y** between consonants. Spel **i**; e.g. **analisis, fisic, gipsy, silvan, sithe, tipe**

[We uze **y** for sound in **by** and so retain **y** in **syth, typ** etc.]

S S B 18 rules

1 When *ed final* is pronounst **t**, write it simply **t**, where chanje wil not suggest incorrect pronounciation, as **askt, fixt, wisht** etc.; reducing a preceding dubl consonant to a singl consonant, as **blest, kist, dipt, dropt, stept** etc.; and chanjing *-ced* to *-st*, as **advanst, pronounst, rejoist** etc.; but avoid misleading forms like **bakt** for **baked**, **deduct** or **dedust** for **deduced** etc.

2 Chanje *ph* to **f** when so sounded, as **alfabet, fonograf, fotograf, sulfur, telefone, telegraf** etc.

SIMPLER SPELING RULES

3 Drop *e final* after *-lv* and *-rv*, as **delv, shelv, carv, curv, deserv** etc.; also in the endings *-ide, -ile, -ine, -ise, -ite, -ive*, unstrest, pronounst **id, il, in, is, it, iv**, as **bromid, oxid, hostil, textil, anilin, determin, examin, practis, promis, definit, favorit, opposit, activ, nativ, positiv** etc.; and at end of **ar (e), hav(e), giv(e), forgiv(e), misgiv(e), liv(e)**; becauz its normal use after a singl consonant is to sho that preceding vowel is long. Hence it is retaind in such words as **bare, brave, mile, fine, wize, polite, arrive**

4 When digraf *ea* is sounded as in *head* or *heart*, uze sounded letr and omit the other, as **helth, hev, insted, tred, wether, plesant, hart, harth** etc.

5 Substitute *e* for digrafs and ligatures *ae, æ, oe, œ*, when *not final*, as **esthetic, medieval, fenix** etc.

6 When *ch* is pronounst like *c* in *car* drop *h*, except before *e, i* and *y*, as **caracter, clorid, corus, cronic, eco, epoc, arcangel, mecanic, monarc, scolar, scool, stomac, technical** etc.; but **chemist, architect, monarchy** etc.

Rule 6 was later altered to 'uze *k* or drop *h*', so we prefer **k** in **skool, mekanic, arkitect** etc.; for the asender **k** looks more like *ch* than does *c* and it is the form sure to be uzed in the end

7 Drop silent *h* from *initial rh*, as **rapsody, reumatism, rubarb** etc.

8 Reduce *ll final*, after a short strest vowel, to *l*, as **bil, dol, dril, dwel, fil, ful, fulfil, shal, tel, wil, wilful** etc.

9 Reduce dubl *final* consonants *bb, dd, ff, gg, nn, rr, tt, zz*, to a singl consonant, as **eb, ad, od, cuf, eg, bun, bur, whir, net, buz** etc.

10 Drop *-me* from *mme final*, as **gram, program**

11 Drop *-te* from *ette final*, as **cigaret, coquet, etiquet, omelet, quartet**

12 Drop silent *ue final* after *g*, as **catalog, coleag, dialog, pedagog, sinagog** etc.; except when *g* is preceded by a singl long vowel, as in **rogue, vague, vogue** etc. *Tongue* spel **tung**, Milton's way

13 For *-ough* substitute *o, u, of, ock, out* or *up*, according to sound, as **tho, thru, cof, enuf, hock, drout, hiccup** etc. *Plough* spel **plow**

14 Drop silent *b final*, as **crum, lam, lim, num, thum** etc.; except where omission suggests incorrect pronunciation, as in **tomb, comb** etc.

15 Drop *e* from *ey final* unstrest, pronounst like short *y final*, as **abby, barly, chimney, donky, gally, mony, trolly, vally, whisky** etc.

16 Substitute *z* for *s* in *-ise final*, pronounst as if speld *ize*, as **advertize, civilize, criticize, merchandize, rize, wize** etc.

17 Chanje *re final* after any consonant except *c*, to *-er*, as **center, fiber, meter, theater** etc.; but **lucre, mediocre, not lucer, mediocer**

18 Drop *u* from *our final* in words of 2 or more silabls, as **ardor, color, favor, honor, labor** etc.

## DECIMAL CLASSIFICATION

### D C rules

Supplementing S S B's short list of most needed changes we have selected from its longer preliminary list and from the other best authorities a few more changes which we use in order to familiarize readers with shorter forms sure to be used later.

Beside changes in S S B rules we usually:

Spel **cud**, **wud** and **shud** for these constantly occurring words

Use silabic **l**, **m**, **n** and **r** without the unpronounced vowel; e.g. *single* is not *singlee* or *singul* but **singl**, just as **prism** and **enthusiasm** are not *prisum* and *enthusiasum*. Also omit preceding *obscure* vowel before silabic **l**, **m**, **n**, **r**. These 4 consonants partake of the nature of a vowel and so form syllables; *little* was pronounced **litel**, then **litul**, then **litəl**, and now simply **litl**. Many words are going through this same shortening. We have no letter for this low unstressed vowel which most people ignore. The *Standard dictionary* says it is 'reduced to a slight vocalic resonance'. As the present vowel is misleading and we have no letter for this very obscure sound it is better to omit it and thus shorten the word. People are less likely to mispronounce this short form than the usual spelling; e.g. *pedal*, *metal*, *gambol*, are not pronounced as spelled, but more and more exactly like *peddle*, *mettle*, *gamble*, which are correctly spelled **pedl**, **metl**, **gamb**. For indicating minute shades of pronunciation in a dictionary our short spelling would not be enough but it is ample for all ordinary use.

Use **u** for *o* or *ou* pronounced as in **us**; e.g. **obvius**, **famus**, **cuntry**, **cum**, **handsum**

Use **j** for *dg*, *dge* or *g*, pronounced **j**; e.g. **judgment**, **rij**, **jem** (except in proper nouns and adjectives, and in old D C entries and for initial in Index)

Use **y** with its very common sound in **by**, **my**, **reply** etc. for *eigh*, *igh*, *ei*, *ie*, *ui* and *uy*; e.g. for *height*, *might*, *pleistocene*, *replied*, *guide*, *buy*, we spell **hyt**, **myt**, **plystocene**, **replyd**, **gyd**, **by**.

Leave **l** — **e**, as in *bite*, *ride* etc. till later

Use **k** for *ck* or *ch*, *medial* or *final*, if pronounced **k**; e.g. **bak**, **stok**, **skool**, **mekanic**, **epok**, **monark**

Drop **w** from *ow* final pronounced **o**; e.g. **blo**, **flo**, **sho** etc.

Drop any silent letter that is phonetically useless; e.g. drop **c** from *fascinate*

Drop **r** of *dub* letters that serve no use; e.g. **clas**, **curriculum**, **paralel**, but retain if short form would mislead, as in **hiss**, **off**

Sometimes substitute **s** for *ce*, when it will not suggest wrong pronunciation, e.g. **offis**, **servis**, **prejudis**, but not *fens* for *fence*; also sometimes substitute **z** for *s* or *se*, as in **becauz**, **eazy**, **uzual**, but not in inflections, as in **rubs**, **digs**, **egs**

We leave many bad spellings where corrections as in similar words might lead careless readers into mispronunciation; e.g. we omit **c**, a silly duplication of **k**, in **bak**, but leave it in **backer** because *baker* would confuse with the bred man. With only 23 letters for 40 sounds we must make *only more obvius* needed changes and leave many inconsistencies till we have the needed new letters or modified forms to represent the other 17.



## U S Jeografic Board rules

Most chanjes made harmonize with rules uniformly uzed by U S Jeografic Board (and strongly recommended for jeneral adoption) in officially fixing proper spelings of jeografic names. Sum of these rules applyd to other words ar:

Pronounce vowels as in Italian and other continental European languajes, consonants as in English

**C** always soft (sounded **s**). Always uze **k** for hard **c**; e.g. **Korea, Dakota**; never *Corea, Dacotah*

We leav initial **c**, at present, in **cat, corus, cronoljy** etc., also final **c** in **grafic** etc.

**G** is always hard. Uze **j**, never *dj*, for soft **g** (**j** sound)

**Ch** always as in **church**; never use for **k** sound, e.g. spel **arkitect, caracter, corus, skool**

We keep **chemic** temporarily; **kemic** cums later

Never uze **ph** for **f** sound

Always pronounce **h** when uzed; e.g. **humor**, not *yumor*

Never uze **y** for vowel **i** when it has its proper sound as in other languajes (as in **pin, pique**): e.g. **limf, lynch, simbol**, not *lymph, lynch, symbol*

**Ei**, with both short vowels pronounst respectivly as in **met** and **pin**, sound like **ey** in **they** and **prey**, or **a** in **fate**

Omitting useless **gh** in **sleigh, weigh, freight** etc. leavs betr spelings

## Filolojists 10 joint rules

These wer made by American and English filolojic associations, including nearly all eminent skolars in English, after several years study by committees of their leading members. British and Americans jointly recommended these 10 rules as in the interests of real skolarship as wel as common sense:

1 **e** Drop *silent e* when foneticly useless, writing **er** for *re*; as in **live** (verb), **single, eaten, rained, theatre** (theater)

2 **ea** Drop **a** from **ea** having sound of **e** as in **met**; e.g. **feather, leather**

3 **o** For **o** having sound of **u** in **but**, write **u** in **above** (**abuv**), **tongue** (**tung**) and the like

4 **ou** Drop **o** from **ou** having sound of **u** in **but**, in **trouble** (**trubl**), **rough** (**ruf**) and the like. For **our** unaccented, as in **honour**, write **or**, e.g. **honor**

5 **u, ue** Drop *silent u* after **g** before **a**, and in nativ English words, and drop *final ue*; **guard, guess** (**ges**), **catalogue, league** etc.

[Do not drop **ue** when pronounst, as in **argue, value**, nor when preceded by a singl long vowel, as in **roguе, vague**]

6 **Dubl consonants** may be simplifd when foneticly useless; e.g. **bailif** (but *not hall* etc.), **battle** (**batl**), **written** (**writa**), **traveller**

7 Chanje **d** and *ed final* to **t** when so pronounst, as in **looked** (**lookt** etc. unless the **e** affects the preceding sound, as in **chafed** etc.

## DECIMAL CLASIFICACION

8 **gh, ph** Chanje *gh* and *ph* to **f** when so sounded; e.g. *enough* (**enuf**), *laughter* (**lafter**) etc.; *phonetic* (**fonetic**) etc.

9 **s** Chanje *s* to **z** when so sounded, specially in distinctiv words and in *-ise*; e.g. **abuse** (noun), **abuze** (verb), **advertise** (**advertize**)

10 **t** Drop *t* in *tch*; e.g. **catch**, **pitch** etc.

### Comments

- Rule 1 givs us **l, m, n** and **r** as silabls without the useless *e* which no authority pronounces as writn; e.g. **singl, eatn**

Rules 3 and 4 giv us **u** for *o* and *ou* pronounst like **u** in **us**; e.g. **cum, handsum, obvius, perilus**

In rule 9, **s** pronounst **z** is left in inflections becauz there ar so many, and chiefly becauz the vocal organs force the ryt **z** sound after the voist consonants **b, d, g, m, ng, v**, as in **rubs, pads, digs, eggs, hums, bangs, givs** etc. Trying to pronounce *s* results in *rups, pats, diks, eks, humps, banks, gifs* etc.

Rules 3, 4, 9 and 10, while not in S S B short list, ar fully approved. It was merely choice of *which* chanjes to make first with those who havn't the curaj to make all at once. When all leading skolars of the English world, including editors of all great dictionaries, recommend shortr forms, why shud we continue to write the worse than useless letrs? Every child and forener who has lernd **rave, wave, dive, alive** etc. is sure to pronounce **have, give** and **live** (verb) wrong unless we omit the useless *e*.

### Sugjestions

We shud be glad to have any practical sugestions, but to save time and gard agenst elaborate presentation of varius fine spun theories, we ad that we hav wacht for many years the results of elaborate and wonderfully delicate experiments in our best sykologic laboratories. We hav red carefully all the 'arguments' that sum wil deduce for retaining certain useless letrs. But these refinements, while very interesting to the specialist, hav no practical bearing whatever on languaj as the greatest tool with which man works. Its function is to convey meaning clearly as quikly and cheaply as posibl. Microscopic verbal milinery has no proper place in this vast enjin. When one tels us that he has proved that *o* is uzualy pronounst with a slyt vanish which cud be represented by *w* we admire his observant analisis, but when he wishes to argue that we shud therefore ad *w* to *go* we hav no time for his vagaries. To attach sum mark to sho every refinement which modern reserch cud establish wud result in sum-thing quite too complex for daily use. Melville Bell's visibl speech was a marvelous invention but only an unbalanst mind wud advocate its use for infinit demands of daily life.

By evolution, not revolution, we shal stedily move toward the ideal, when the greatest languaj the world has yet seen wil hav 40 distinct syns for its 40 distinct sounds, and becauz of its manifold advantajes wil becum the common tung of the world, known in adition to his vernacular by every intelijent inhabitant.

LAKE PLACID CLUB N Y

MELVILLE DEWEY

Oct. 1, 1922

## INDEX TO INTRODUCTION AND SIMPLER SPELLING

Superior figures indicate the part of page in ninths; 1, 5 and 9 indicating top, middle and foot: 27<sup>3</sup> means  $\frac{1}{3}$  way between top and middle of p. 27.

D C means *Decimal classification*.

C D means *Classification décimale*, the enlarged French translation of D C.

I I B means Institut International de Bibliographie.

N E A means National Education Association.

S S B means Simplifyd Speling Board (American).

S S S means Simplifyd Speling Socyety (English).

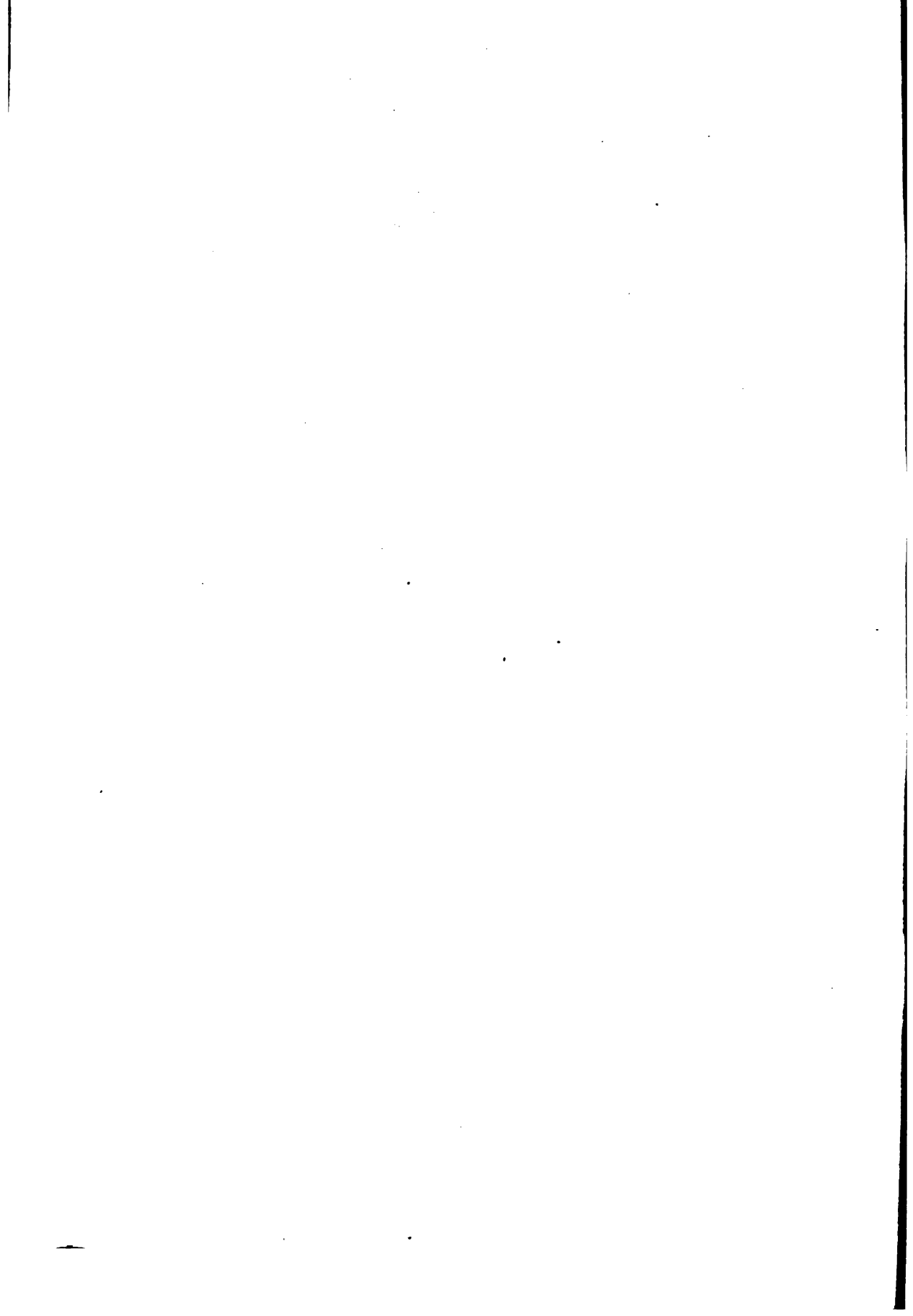
- Absurdities** in spelling 46<sup>1</sup>, 50<sup>8-51</sup><sup>2</sup>  
**Accession book**, advantages of D C for 22<sup>2</sup>  
**Accession order**, for book numbers 30<sup>2</sup>  
**Accretion syn** 37<sup>1</sup>  
**Adaptability of D C** 23<sup>5</sup>  
**Aded entries** 26<sup>1-27</sup><sup>4</sup>  
**Adoption of D C by I I B** 37<sup>1</sup>  
**Advantajes of D C** 21<sup>1-24</sup><sup>4</sup>  
**Aknowlejments** 42<sup>4-43</sup><sup>3</sup>  
**-Al dropt** 50<sup>2</sup>  
**Alfabet**, use of for final subdivisions 35<sup>3</sup>  
**Alfabet**, perfect 46<sup>4</sup>  
**Alfabetic arrangement**, method in C D 39<sup>3</sup>  
**Alfabetic caracters**, new 46<sup>4</sup>  
**Allyd subjects**, sequence 14<sup>4</sup>  
**American Filolojic Association**, committee on key alfabet for *Standard dictionary* 45<sup>5</sup>  
**American Library Association** D C committee 43<sup>3</sup>, 44<sup>4</sup>  
**Amherst college**, library recatalogd 23<sup>3</sup>  
**Analitic references** 27<sup>1</sup>  
**Andrews, C W**, indettedness to 43<sup>3</sup>  
**Arabic numerals**, advantaj of uzing 23<sup>7</sup>, 49<sup>1-50</sup><sup>1</sup>; argument agenst 46<sup>5</sup>  
**Arrangement of D C** 24<sup>2-25</sup><sup>5</sup>  
**Assyning numbers**, directions 10<sup>4</sup>, 26<sup>4-28</sup><sup>1</sup>  
**Author numbers** 29<sup>3</sup>  
**Author tables**, special 30<sup>1</sup>
- Basis of I I B revision** 37<sup>1</sup>  
**Bibliografic modifications** 37<sup>1-39</sup><sup>4</sup>  
**Bilding numbers** 28<sup>7-29</sup><sup>5</sup>  
**Biografy**, treatment of 33<sup>5</sup>  
**Biscoe, W S**, time number sistem 30<sup>2</sup>; valuabl assistance 43<sup>3</sup>  
**Book numbers** 29<sup>3-30</sup><sup>7</sup>  
**Books**, arrangement 6<sup>4</sup>; how to find subject of 25<sup>4</sup>  
**Bookstores**, use of D C in 39<sup>4</sup>  
**Broken order**, advantaj of 35<sup>2-36</sup><sup>5</sup>
- Cachtitles**, use of 14<sup>5</sup>  
**Cards**, arrangement 6<sup>4</sup>  
**Carnegie, Andrew**, supporter of simpler spelling 45<sup>5</sup>, 48<sup>3-49</sup><sup>3</sup>  
**Catalogs** 20<sup>7-21</sup><sup>8</sup>  
**Cautions**, in making variations 31<sup>2</sup>  
**Chanjes**, unauthorized, effect of 29<sup>3</sup>, 31<sup>1</sup>, 32<sup>2</sup>  
**Charjing sistem**, advantages of D C for 22<sup>2-23</sup><sup>1</sup>
- Clas numbers**, definition 12<sup>3</sup>; how to assyn 10<sup>4</sup>, 26<sup>4-28</sup><sup>1</sup>; how to bild 28<sup>7-29</sup><sup>5</sup>; how to read 24<sup>1</sup>; in name catalog 20<sup>8</sup>; in shelflist 20<sup>8</sup>; number of figures uzed 28<sup>1</sup>  
**Classes**: divisions and sections 6<sup>4</sup>; broken order 35<sup>2-36</sup><sup>5</sup>  
**Clasification**, labor of constructing sistem 10<sup>4</sup>; lak of uniformity 11<sup>3</sup>; requirements of sistem 7<sup>4</sup>; test of skeme 11<sup>3</sup>; testing new skemes 16<sup>4</sup>, 42<sup>3</sup>  
**Clast catalog**, arrangement 21<sup>1</sup>; objection obviated 11<sup>3</sup>; printed 21<sup>1</sup>  
**Close clasing** 13<sup>3</sup>, 26<sup>7</sup>; illustrated by history divisions 13<sup>3</sup>; objection and compromize 28<sup>8</sup>; requisit for bibliografers and specialists 37<sup>3</sup>; value of 15<sup>4-16</sup><sup>4</sup>  
**Colon**, meaning 38<sup>3</sup>  
**Conciseness**, D C 8<sup>2</sup>; English 50<sup>4</sup>  
**Consistency in spelling**, not essential 50<sup>3</sup>; of S S S 47<sup>2</sup>  
**Consonants**, new 46<sup>4</sup>  
**Contractions for specialists** 34<sup>2-35</sup><sup>2</sup>  
**Coordination**, preservd in D C 13<sup>3</sup>  
**Copyryt restrictions** 32<sup>2</sup>  
**Cronolojy**, use of for final subdivisions 35<sup>2</sup>  
**Cupling syn** 38<sup>1</sup>  
**Cutter numbers**, advantages 29<sup>3</sup>
- Dash**, meaning in C D 38<sup>1</sup>  
**Decimal clasification**, essential feature 9<sup>4</sup>; explanation of meaning 10<sup>1</sup>; extent of use 8<sup>2-9</sup><sup>1</sup>; future of 43<sup>3-44</sup><sup>4</sup>; labor of constructing 42<sup>4</sup>; orijin and growth 7<sup>4-8</sup><sup>3</sup>, 42<sup>4-43</sup><sup>3</sup>; practical test 7<sup>4</sup>; priority of its invention 9<sup>3</sup>; product of experts 12<sup>3</sup>, 42<sup>4</sup>; simplicity 9<sup>4</sup>; spelling rules 52<sup>1</sup>, 56<sup>1</sup>; variations 30<sup>2-36</sup><sup>5</sup>  
**Decimal form of the sistem** 9<sup>3</sup>  
**Decimalism**, use of 18<sup>3-19</sup><sup>3</sup>  
**Dictionary catalog**, inferiority 21<sup>3</sup>  
**Differences between D C and C D** 37<sup>4</sup>  
**Digrafs** 46<sup>3</sup>, 46<sup>7</sup>  
**Divisions** 6<sup>3</sup>  
**Duplicates**, see Sale duplicates
- Editions** 9<sup>1</sup>  
**Editorship** 43<sup>5</sup>  
**Education**, methods of 48<sup>1</sup>  
**Education of the masses** 49<sup>3</sup>  
**Efficiency in English**, committee on 45<sup>5</sup>  
**Endowment of special departments** 23<sup>2-24</sup><sup>3</sup>

DECIMAL CLASIFICACION

- English languaj, character of 48<sup>8</sup>; chanjes in 46<sup>8</sup>-47<sup>1</sup>, 49<sup>1</sup>-50<sup>3</sup>; 50<sup>3</sup>-51<sup>7</sup>; conciseness in use of 50<sup>3</sup>; purpose of 49<sup>1</sup>, 58<sup>9</sup>; world languaj 48<sup>8</sup>-49<sup>2</sup>, 58<sup>9</sup>
- English speling characterized 47<sup>4</sup>
- Entries, aded 26<sup>2</sup>-27<sup>3</sup>
- Equality syn, meaning 38<sup>8</sup>
- Fiction**, treatment of 32<sup>7</sup>
- Filologic associations, rules 57<sup>4</sup>-58<sup>6</sup>
- Fonetic speling 47<sup>6</sup>
- Form distinctions, position 15<sup>4</sup>; use of 14<sup>4</sup>-15<sup>2</sup>
- Form divisions, uniform numbers 15<sup>4</sup>
- Form syn 38<sup>4</sup>
- Future of D C 43<sup>2</sup>-44<sup>1</sup>
- Heds** 10<sup>2</sup>; choice and arranjemnt 14<sup>2</sup>
- Hyfen, meaning in C D 38<sup>1</sup>
- Ideal** in speling 45<sup>6</sup>, 46<sup>8</sup>, 47<sup>7</sup>, 58<sup>9</sup>
- Importance of speling reform 49<sup>3</sup>
- Improvements (so-cald) of D C 31<sup>2</sup>
- Inconsistencies in speling, D C rules 56<sup>2</sup>; S S B method 47<sup>1</sup>
- Index 6<sup>4</sup>, 8<sup>1</sup>, 5<sup>1</sup>, 7<sup>1</sup>, 9<sup>1</sup>, 10<sup>4</sup>-12<sup>5</sup>; a dictionary catalog 21<sup>2</sup>; effect of chanjes in tables 31<sup>2</sup>; essential feature of D C 9<sup>4</sup>; fulness 10<sup>4</sup>, ilustration of use 10<sup>7</sup>-11<sup>3</sup>; labor of constructing 42<sup>4</sup>; plan of 25<sup>2</sup>; scope 12<sup>4</sup>; sugestions for uzing 25<sup>2</sup>, 26<sup>4</sup>, 29<sup>4</sup>; use of blakface typ 11<sup>4</sup>
- Index rerums, use of D C for 40<sup>7</sup>-41<sup>0</sup>
- Index tables, appended 17<sup>8</sup>
- Infinity simbol, meaning 38<sup>8</sup>
- Institut International de Bibliographie, adoption of *Decimal clasificacion* 37<sup>1</sup>; extension of D C by 37<sup>4</sup>; obligations to 43<sup>1</sup>
- Johnson's dictionary** 50<sup>2</sup>-51<sup>2</sup>
- Jujment, exercize of 48<sup>1</sup>
- Juvenil literature, treatment 32<sup>3</sup>
- Lake Placid Club Education Foundation** 43<sup>2</sup>-44<sup>4</sup>
- Languaj, purpose of 49<sup>6</sup>, 58<sup>9</sup>; universal 48<sup>8</sup>-49<sup>2</sup>, 58<sup>9</sup>
- Languaj and literature, combining 34<sup>2</sup>
- Languaj colections 33<sup>7</sup>-34<sup>1</sup>
- Languaj syn 38<sup>8</sup>
- Letter notations for chanjes 32<sup>2</sup>
- Letters, new 46<sup>1</sup>
- Libraries uzing D C 9<sup>1</sup>
- Literature and languaj, combining 34<sup>2</sup>
- Mases**, education of 49<sup>3</sup>
- Minor subjects, disposition of 13<sup>8</sup>
- Minute clasing, *see* Close clasing
- Mnemonics, use of 16<sup>7</sup>-18<sup>3</sup>
- Modern Languaj Association, committee on key alfabet for *Standard dictionary* 45<sup>5</sup>
- Mony wasted by English speling 47<sup>4</sup>
- Name catalog** 20<sup>4</sup>
- National Education Association, committee on key alfabet for *Standard dictionary* 45<sup>5</sup>; 12 words 51<sup>2</sup>, 52<sup>2</sup>
- Naught, normal value of 13<sup>1</sup>; uzed for chanjed character of subdivision 13<sup>2</sup>, for form distinctions 14<sup>7</sup>-15<sup>5</sup>, for general works 6<sup>1</sup>, 12<sup>6</sup>, 14<sup>7</sup>
- Naught, dubl, meaning general points of view 39<sup>1</sup>; subdivisions peculiar to a subject 38<sup>8</sup>
- Nemonics, use of 16<sup>7</sup>-18<sup>3</sup>
- New subjects, disposition of 14<sup>1</sup>
- Notation, simplicity 8<sup>2</sup>, 9<sup>6</sup>
- Note books, use of D C for 41<sup>4</sup>
- Note typ 15<sup>9</sup>
- Numeration, method of 24<sup>7</sup>
- Obligation**, speling 49<sup>3</sup>
- Order, of bibliografic simbols 39<sup>4</sup>; of clases, broken 35<sup>2</sup>-36<sup>2</sup>; of subjects 14<sup>2</sup>
- Pamflets**, avantajes of D C for 22<sup>2</sup>
- Paralel libraries, treatment of 33<sup>7</sup>-34<sup>1</sup>
- Parenthetic numbers, form 38<sup>4</sup>; place 38<sup>7</sup>
- Pedants rules 49<sup>6</sup>-50<sup>5</sup>
- Philologic associations, rules 57<sup>4</sup>-58<sup>5</sup>
- Phonetic speling 47<sup>6</sup>
- Place syn 38<sup>7</sup>
- Plus syn, meaning 37<sup>9</sup>
- Points of view, jeneral, syn for 39<sup>1</sup>
- Pro and con division of topics 36<sup>6</sup>
- Pronouncing correctly, impossibility of 47<sup>9</sup>
- Pronunciation, variations in 46<sup>2</sup>, 47<sup>7</sup>, 48<sup>2</sup>, 50<sup>6</sup>
- Quotation marks**, meaning 38<sup>9</sup>
- Reasoning power dednd** 47<sup>7</sup>-48<sup>5</sup>
- Reasons for simpler speling 47<sup>8</sup>-49<sup>6</sup>
- Recataloging or reclasifying, avantajes of D C in 23<sup>3</sup>
- Reference library, treatment of 34<sup>3</sup>
- Refinements in speling, theoretic 58<sup>6</sup>
- Reformd speling, *see* Speling, simpler
- Relation syn 38<sup>3</sup>
- Relativ Index, *see* Index
- Relativ location 21<sup>2</sup>; advantaj of 19<sup>2</sup>-20<sup>4</sup>, need of 19<sup>3</sup>
- Revision of D C, basis of C D 37<sup>1</sup>
- Sale duplicates**, avantajes of D C for 22<sup>6</sup>
- School years wasted by English speling 47<sup>4</sup>, 48<sup>3</sup>
- Scrapbooks, use of D C for 40<sup>8</sup>
- Sections 6<sup>4</sup>, 24<sup>2</sup>-25<sup>1</sup>; subsections 6<sup>4</sup>, 25<sup>1</sup>
- Separates, proposed, 41<sup>8</sup>-42<sup>1</sup>
- Sequence, of allyd subjects 14<sup>3</sup>; of bibliografic syns 39<sup>4</sup>; of clases, broken 35<sup>2</sup>-36<sup>6</sup>
- Sets of books 20<sup>2</sup>, 27<sup>3</sup>
- Seymour, May 43<sup>4</sup>-44<sup>1</sup>
- Shelflist 20<sup>9</sup>; avantajes of D C for 22<sup>1</sup>
- Shelvs, avantajes of D C for 19<sup>4</sup>-20<sup>4</sup>, 21<sup>9</sup>
- Signs, I I B skeme 37<sup>2</sup>-39<sup>4</sup>
- Simbol notations for chanjes 32<sup>2</sup>

INDEX TO INTRODUCTION AND SIMPLER SPELING

- Simpler speling, *see* Speling, simpler  
 Simplifyd Speling Board, method of  
 46<sup>a</sup>-47<sup>a</sup>; rules 51<sup>a</sup>, 52<sup>a</sup>-55<sup>a</sup>, supple-  
 mented by D C rules 56<sup>a</sup>; supported  
 by Carnegie, 45<sup>a</sup>; 30 words 51<sup>a</sup>, 52<sup>a</sup>  
 Simplifyd Speling Socyety 46<sup>a</sup>, 47<sup>a</sup>  
 Size, distinction by 20<sup>a</sup>  
 Skool years wasted by English speling  
 47<sup>a</sup>, 48<sup>a</sup>  
 Small libraries, adaptability to 28<sup>a</sup>  
 Social problems, solution in education  
 49<sup>a</sup>  
 Special colections, treatment 32<sup>a</sup>-  
 33<sup>a</sup>, 33<sup>a</sup>-34<sup>a</sup>, 34<sup>a</sup>  
 Specialists, use of D C by 8<sup>a</sup>, 34<sup>a</sup>-35<sup>a</sup>  
 Specialties, influence on assyning clas  
 numbers 27<sup>a</sup>  
 Speling, simpler 45-58; agreement on  
 need for 45<sup>a</sup>; methods for attaining  
 45<sup>a</sup>-47<sup>a</sup>; reasons for 47<sup>a</sup>-49<sup>a</sup>; rules  
 51<sup>a</sup>-58<sup>a</sup>  
 Speling correctly, impossibility of 47<sup>a</sup>  
 Speling variations 45<sup>a</sup>-46<sup>a</sup>, 48<sup>a</sup>  
 Standard dictionaries, key alfabet  
 for 45<sup>a</sup>  
 Subject catalog, *see* Clast catalog  
 Subject Index, *see* Index  
 Subject references, advantajes of D C  
 for 23<sup>a</sup>; *see also* Aded entries  
 Subjects, sequence of 14<sup>a</sup>  
 Sugjestions to uzers of D C 24<sup>a</sup>-30<sup>a</sup>  
 Summaries 6<sup>a</sup>  
 Syns, I I B skeme 37<sup>a</sup>-39<sup>a</sup>
- Tables, index, appended 17<sup>a</sup>; of classi-  
 fication, plan of 12<sup>a</sup>-13<sup>a</sup>, 24<sup>a</sup>-25<sup>a</sup>;  
 sugjestions for uzing 24<sup>a</sup>, 25<sup>a</sup>-28<sup>a</sup>;  
 tentativ 16<sup>a</sup>;  
 30 words of S S B 51<sup>a</sup>, 52<sup>a</sup>  
 Time numbers 30<sup>a</sup>  
 Time syn 38<sup>a</sup>  
 Time wasted by English speling 47<sup>a</sup>, 49<sup>a</sup>  
 Topical indexes, use of D C for 41<sup>a</sup>  
 Tuskegee Institute, speling and pro-  
 nunciation requirement 46<sup>a</sup>  
 12 words of N E A 51<sup>a</sup>, 52<sup>a</sup>  
 Typ, significance of small 15<sup>a</sup>
- Uniformity in classification, how to  
 gain 27<sup>a</sup>; Index a gyd to 11<sup>a</sup>  
 United States Jeografic Board, rules  
 57<sup>a</sup>  
 Universal langauj 48<sup>a</sup>-49<sup>a</sup>, 58<sup>a</sup>  
 Universality syn 38<sup>a</sup>  
 Uses of D C 8<sup>a</sup>
- Variations practicabl in D C classi-  
 fication 30<sup>a</sup>-36<sup>a</sup>  
 View, jeneral points of, syn for 39<sup>a</sup>  
 Vowels, new 46<sup>a</sup>
- Waste, *see* Mony wasted; Time wasted
- Zero, *see* Naught



FIRST SUMMARY

## **CLASSES**

- 0 General works**
- 1 Filosofy**
- 2 Religion**
- 3 Sociology**
- 4 Filology**
- 5 Natural science**
- 6 Useful arts**
- 7 Fine arts**
- 8 Literature**
- 9 History**

SECOND SUMMARY

DIVISIONS

000	General works	500	Natural science
010	Bibliografy	510	Mathematics
020	Library economy	520	Astronomy
030	General cyclopedias	530	Physics
040	General collections	540	Chemistry
050	General periodicals	550	Geology
060	General societies Museums	560	Paleontology
070	Journalism Newspapers	570	Biology
080	Special libraries Polygrafy	580	Botany
090	Book rarities	590	Zoology
100	Filosofy	600	Useful arts
110	Metaphysics	610	Medicin
120	Special metaphysical topics	620	Engineering
130	Mind and body	630	Agriculture
140	Filosofic systems	640	Domestic economy
150	Mental faculties Psychology	650	Communication Commerce
160	Logic Dialectics	660	Chemic technology
170	Ethics	670	Manufactures
180	Ancient filosofers	680	Mechanic trades
190	Modern filosofers	690	Bilding
200	Religion	700	Fine arts
210	Natural theology	710	Landscape gardening
220	Bible	720	Architecture
230	Doctrinal Dogmatics Theology	730	Sculpture
240	Devotional Practical	740	Drawing Decoration Design
250	Homiletic Pastoral Parochial	750	Painting
260	Church Institutions Work	760	Engraving
270	Religious history	770	Fotografy
280	Christian churches and sects	780	Music
290	Ethnic and other religions	790	Amusements
300	Sociology	800	Literature
310	Statistics	810	American
320	Political science	820	English
330	Political economy	830	German
340	Law	840	French
350	Administration	850	Italian
360	Associations and institutions	860	Spanish
370	Education	870	Latin
380	Commerce Communication	880	Greek
390	Customs Costumes Folklore	890	Minor languages
400	Filology	900	History
410	Comparativ	910	Geografy and travels
420	English	920	Biografy
430	German	930	Ancient history
440	French	940	Europe
450	Italian	950	Asia
460	Spanish	960	Africa
470	Latin	970	North America
480	Greek	980	South America
490	Minor languages	990	Oceania and polar regions

Modern



**General works**

Limited to none of the 9 classes

000		050	<b>General periodicals</b>	
001		051	American	
002		052	English	
003	Left blank for local history or biography, etc. where some special collection is making which is to be kept in a case by itself, out of its regular place in the classification. Individuals use these numbers for personal diaries, note books, memorabilia, etc.	053	German	
004		054	French	
005		055	Italian	
006		056	Spanish	
007		057	Slavic	
008		058	Scandinavian	
009		059	Minor languages	
010		<b>Bibliography</b>	060	<b>General societies</b>
011		General bibliographies	061	American
012		Of individuals	062	English
013	" special classes of authors	063	German	
014	" " forms, pseudonyms, etc.	064	French	
015	" " countries	065	Italian	
016	" " subjects	066	Spanish	
017	Class catalogs	067	Slavic	
018	Author "	068	Scandinavian	
019	Dictionary catalogs	069	Minor languages	
020	<b>Library economy</b>	070	<b>Newspapers      Journalism</b>	
021	Scope, usefulness and founding	071	American	
022	Buildings	072	English	
023	Government and service	073	German	
024	Regulations for readers	074	French	
025	Administration      Departments	075	Italian	
026	Libraries on special subjects	076	Spanish	
027	General libraries      Reports, etc.	077	Slavic	
028	<b>Reading and aids</b>	078	Scandinavian	
029	<b>Literary methods      Labor-savers</b>	079	Minor languages	
030	<b>General cyclopedias</b>	080	<b>Special libraries      Polygraphy</b>	
031	American	081	Left blank to be used (if preferred to prefixing an initial) for general collections of books which by terms of gift or for other cause must be kept together. This must be kept distinct from 040 where the individual books are polygraphic, i. e. are bound pamphlets, essays, addresses, scrap or note books, etc. too general in scope to go under any single class. Juvenils could be put here, but are better kept in a separate class, mark J	
032	English	082		
033	German	083		
034	French	084		
035	Italian	085		
036	Spanish	086		
037	Slavic	087		
038	Scandinavian	088		
039	Minor languages	089		
040	<b>General collected essays</b>	090		<b>Book rarities</b>
041	American	091	Manuscripts      Autographs	
042	English	092	Block books	
043	German	093	Early printed      Incunabula	
044	French	094	Rare printing      Privately printed	
045	Italian	095	Rare binding	
046	Spanish	096	Rare illustrations or materials	
047	Slavic	097	Ownership      Bookplates	
048	Scandinavian	098	Prohibited      Lost      Imaginary	
049	Minor languages	099	Other rarities      Curiosa	

**Philosophy**

**100 Philosophy**  
 101 Utility  
 102 Compendis  
 103 Dictionaries  
 104 Essays  
 105 Periodicals  
 106 Societies  
 107 Study and teaching  
 108 Polygrafy Maxims  
 109 History  
**110 Metaphysics**  
 111 Ontology  
 112 Methodology  
 113 Cosmology  
 114 Space  
 115 Time  
 116 Motion  
 117 Matter  
 118 Force  
 119 Quantity Number  
**120 Metaphysical topics**  
 121 Knowledge: origin, limits  
 122 Causation Cause and effect  
 123 Liberty and necessity  
 124 Teleology Final causes  
 125 Infinit and finite  
 126 Consciousness Personality  
 127 Unconsciousness Automata  
 128 The soul  
 129 Origin of the individual soul  
**130 Mind and body**  
 131 Mental physiology and hygiene  
 132 Mental derangements  
 133 Occultism Witchcraft Magic  
 134 Mesmerism Clairvoyance  
 135 Sleep Dreams Somnambulism  
 136 Mental characteristics  
 137 Temperaments Personality  
 138 Physiognomy  
 139 Phrenology Mental photographs  
**140 Philosophic systems**  
 141 Idealism Transcendentalism  
 142 Critical philosophy  
 143 Intuitionism  
 144 Empiricism  
 145 Sensationalism  
 146 Materialism Positivism  
 147 Pantheism Monism  
 148 Eclecticism  
 149 Other philosophic systems

**150 Mental faculties**  
 151 Intellect  
 152 Sense perceptions  
 153 Understanding  
 154 Memory  
 155 Imagination  
 156 Reason Intuitiv faculty  
 157 Sensibility Emotions  
 158 Instincts Appetites  
 159 Will  
**160 Logic Dialectics**  
 161 Inductiv  
 162 Deductiv  
 163 Assent  
 164 Symbolic Algebraic  
 165 Sources of error Fallacies  
 166 Syllogism Enthymeme  
 167 Hypotheses  
 168 Argument and persuasion  
 169 Analogy Correspondence  
**170 Ethics**  
 171 Theories of ethics  
 172 State ethics  
 173 Family ethics  
 174 Professional and business ethics  
 175 Ethics of amusements  
 176 Sexual ethics  
 177 Social ethics  
 178 Temperance  
 179 Other ethical topics  
**180 Ancient filosofers**  
 181 Oriental  
 182 Early Greek  
 183 Sophistic and Socratic  
 184 Platonic  
 185 Aristotelian  
 186 Pyrrhonist New Platonist  
 187 Epicurean  
 188 Stoic  
 189 Early Christian and medievz.  
**190 Modern filosofers**  
 191 American  
 192 British  
 193 German  
 194 French  
 195 Italian  
 196 Spanish  
 197 Slavic  
 198 Scandinavian  
 199 Other modern

## Religion

<b>200</b>	<b>Religion</b>	<b>250</b>	<b>Homiletic Pastoral Parochial</b>
201	Philosophy Theories	251	Homiletics Preaching
202	Compendis	252	Sermons
203	Dictionaries	253	Pastoral visitations Evangelistic
204	Essays	254	Cleric support Celibacy
205	Periodicals	255	Brotherhoods Sisterhoods
206	Societies	256	Societies for parish work Gilds
207	Education Theologic schools	257	Parochial schools, libraries, etc.
208	Polygrafy	258	Parish care of sick, fallen, etc.
209	History of theology	259	Other ministrations and work
<b>210</b>	<b>Natural theology</b>	<b>260</b>	<b>Church Institutions Work</b>
211	Deism and atheism	261	Church
212	Pantheism Theosophy	262	Ecclesiastic polity
213	Creation Evolution	263	Sabbath Lord's day Sunday
214	Providence Theodicy Fatalism	264	Public worship Ritual
215	Religion and science	265	Sacraments Ordinances
216	Evil Depravity	266	Missions Home and foren
217	Prayer	267	Associations Y M C A, etc.
218	Future life Immortality	268	Sunday schools
219	Analogies Correspondences	269	Revivals Retreats
<b>220</b>	<b>Bible</b>	<b>270</b>	<b>Religious history</b>
221	Old Testament	271	Monastic orders Monasteries
222	Historic books	272	Persecutions
223	Poetic "	273	Heresies
224	Prophetic "	274	Europe
225	New Testament	275	Asia
226	Gospels and Acts	276	Africa
227	Epistles	277	North America
228	Apocalypse	278	South America
229	Apocrypha	279	Oceanica
<b>230</b>	<b>Doctrinal Dogmatics</b>	<b>280</b>	<b>Christian churches and sects</b>
231	God Unity Trinity	281	Primitiv and oriental
232	Christ Christology	282	Roman catholic
233	Man The fall Sin	283	Anglican and American P E
234	Salvation Soteriology	284	Continental protestant
235	Angels Devils Satan	285	Presbyterian Congregational
236	Eschatology Deth Judgment	286	Baptist Immersionist
237	Future state	287	Methodist
238	Creeds Catechisms	288	Unitarian
239	Apologetics Evidences	289	Minor Christian sects
<b>240</b>	<b>Devotional Practical</b>	<b>290</b>	<b>Ethnic and other religions</b>
241	Didactic	291	Comparativ & general mythology
242	Meditativ	292	Greek and Roman
243	Hortatory	293	Teutonic and Northern
244	Miscellany Fiction	294	Brahmanism Buddhism
245	Hymnology Religious poetry	295	Parseeism
246	Ecclesiology Symbolism	296	Judaism
247	Sacred furniture, vessels, etc.	297	Mohammedanism
248	Personal religion Asceticism	298	Mormonism
249	Family devotions	299	Minor nonchristian religions

**Sociology**

**300 Sociology**  
 301 Philosophy Theories  
 302 Compendis  
 303 Dictionaries  
 304 Essays  
 305 Periodicals  
 306 Societies  
 307 Education  
 308 Polygrafy  
 309 History of sociology  
**310 Statistics**  
 311 Theory Methods  
 312 Population  
 313 Special topics  
 314 Europe  
 315 Asia  
 316 Africa  
 317 North America  
 318 South America  
 319 Oceanica  
**320 Political science**  
 321 Form of state  
 322 Church and state  
 323 Internal or domestic relations  
 324 Suffrage Citizenship  
 325 Colonies and immigration  
 326 Slavery  
 327 Foren relations  
 328 Legislativ bodies and annals  
 329 Political parties  
**330 Political economy**  
 331 Capital Labor Wages  
 332 Banks Money Credit Interest  
 333 Land Ownership Rights & rent  
 334 Cooperation  
 335 Socialism and communism  
 336 Finance Public funds Taxation  
 337 Protection and free trade  
 338 Production Manufacture Prices  
 339 Consumption Pauperism  
**340 Law**  
 341 International law  
 342 Constitutional law and history  
 343 Criminal law  
 344 Martial law  
 345 U. S. statutes and cases  
 346 British statutes and cases  
 347 Treatises: American and British  
 348 Canon law  
 349 Foren law Roman

**350 Administration Army**  
 351 Administration of central gov't  
 352 Local government: city, town  
 353 United States and state  
 354 Foren states  
 355 Army Military science  
 356 Infantry  
 357 Cavalry  
 358 Artillery  
 359 Navy Naval science  
**360 Associations Institutions**  
 361 Charitable  
 362 Hospitals Asylums  
 363 Political  
 364 Reformatory  
 365 Prisons Disciplin  
 366 Secret societies  
 367 Social clubs  
 368 Insurance  
 369 Other  
**370 Education**  
 371 Teachers, methods, and disciplin  
 372 Elementary Kindergarten  
 373 Intermediate  
 374 Self education and culture  
 375 Curriculumh  
 376 Education of women  
 377 Religious, ethical and secular  
 378 Colleges and universities  
 379 Public schools State education  
**380 Commerce Communication**  
 381 Domestic trade  
 382 Foren trade Consular reports  
 383 Postoffis  
 384 Telegraf Cable Telephone  
 385 Railroad and express  
 386 Canal & highway transportation  
 387 River and ocean transportation  
 388 City transit  
 389 Weights and mesures Metrology  
**390 Customs Popular life**  
 391 Costume and care of person  
 392 Birth, home and sex customs  
 393 Treatment of ded  
 394 Public and social customs  
 395 Etiquet  
 396 Woman's position and treatment  
 397 Gipsies Nomads Outcast races  
 398 Folklore Proverbs, etc.  
 399 Customs of war

## Philology

400	<b>Philology</b>	450	<b>Italian</b>
401	Philosophy	451	Orthography
402	Compendis	452	Etymology
403	Dictionaries	453	Dictionaries
404	Essays	454	Synonyms
405	Periodicals	455	Grammar
406	Societies	456	Prosody
407	Study and teaching	457	Dialects
408	Polygraphy	458	School texts
409	History of language	459	<b>Rumansh and Wallachian</b>
410	<b>Comparativ</b>	460	<b>Spanish</b>
411	Orthography      Alfabets	461	Orthography
412	Etymology	462	Etymology
413	Dictionaries	463	Dictionaries
414	Phonology	464	Synonyms
415	Grammar	465	Grammar
416	Prosody	466	Prosody
417	Inscriptions	467	Dialects
418	Texts	468	School texts
419	<b>Hieroglyphics</b>	469	<b>Portuguese</b>
420	<b>English</b>	470	<b>Latin</b>
421	Orthography	471	Orthography
422	Etymology	472	Etymology
423	Dictionaries	473	Dictionaries
424	Synonyms	474	Synonyms
425	Grammar	475	Grammar
426	Prosody	476	Prosody
427	Dialects	477	Dialects
428	School texts	478	School texts
429	<b>Anglo-Saxon</b>	479	<b>Minor Italic</b>
430	<b>German</b>	480	<b>Greek</b>
431	Orthography	481	Orthography
432	Etymology	482	Etymology
433	Dictionaries	483	Dictionaries
434	Synonyms	484	Synonyms
435	Grammar	485	Grammar
436	Prosody	486	Prosody
437	Dialects	487	Dialects
438	School texts	488	School texts
439	<b>Minor Teutonic</b>	489	<b>Minor Hellenic</b>
440	<b>French</b>	490	<b>Minor languages</b>
441	Orthography	491	Minor Indo-European
442	Etymology	492	Semitic
443	Dictionaries	493	Hamitic
444	Synonyms	494	Scythian      Turanian
445	Grammar	495	Eastern Asiatic
446	Prosody	496	African
447	Dialects	497	North American
448	School texts	498	South American
449	<b>Provençal</b>	499	Malay-Polynesian and other

Natural science

<b>500</b>	<b>Natural science</b>	<b>550</b>	<b>Geology</b>
501	Philosophy	551	Physical and dynamic geology
502	Compendis	552	Lithology Petrography
503	Dictionaries	553	Economic geology
504	Essays	554	Europe
505	Periodicals	555	Asia
506	Societies	556	Africa
507	Education Museums	557	North America
508	Polygraphy	558	South America
509	History	559	Oceanica Polar regions
<b>510</b>	<b>Mathematics</b>	<b>560</b>	<b>Paleontology</b>
511	Arithmetic	561	Plants
512	Algebra	562	Invertebrates
513	Geometry Conic sections	563	Protozoa Radiates
514	Trigonometry	564	Mollusks
515	Descriptiv geometry	565	Articulates
516	Analytic geometry Quaternions	566	Vertebrates
517	Calculus	567	Fishes Batrachia
518		568	Reptils Birds
519	Probabilities	569	Mammals
<b>520</b>	<b>Astronomy</b>	<b>570</b>	<b>Biology Ethnology</b>
521	Theoretic	571	Prehistoric archeology
522	Practical and spheric	572	Ethnology Anthropology
523	Descriptiv	573	Natural history of man
524	Maps and observations	574	Homologies
525	Earth	575	Evolution Species
526	Geodesy	576	Origin and beginnings of life
527	Navigation	577	Properties of living matter
528	Ephemerides	578	Microscopy
529	Chronology	579	Collectors manuals
<b>530</b>	<b>Physics</b>	<b>580</b>	<b>Botany</b>
531	Mechanics	581	Physiologic and structural
532	Liquids Hydraulics	582	Phanerogamia
533	Gases Pneumatics	583	Dicotyledonae
534	Sound Acoustics	584	Monocotyledonae
535	Light Optics	585	Gymnospermae
536	Heat	586	Cryptogamia
537	Electricity	587	Pteridophyta
538	Magnetism	588	Bryophyta
539	Molecular physics	589	Thallophyta
<b>540</b>	<b>Chemistry</b>	<b>590</b>	<b>Zoology</b>
541	Theoretic	591	Physiologic zoology
542	Practical and experimental	592	Invertebrates
543	Analysis	593	Protozoa Radiates
544	Qualitativ	594	Mollusks
545	Quantitativ	595	Articulates
546	Inorganic	596	Vertebrates
547	Organic	597	Fishes Batrachia
548	Crystallography	598	Reptils Birds
549	Mineralogy	599	Mammals

## Useful arts

- |   |  |
|---|--|
| <b>600 Useful arts</b>                      | <b>650 Communication Commerce</b>                |
| 601 <b>Filosophy</b>                        | 651 <b>Offis equipment and methods</b>           |
| 602 <b>Compendis</b>                        | 652 <b>Writing: materials, typewriters</b>       |
| 603 <b>Dictionaries</b>                     | 653 <b>Abbreviations Shorthand</b>               |
| 604 <b>Essays</b>                           | 654 <b>Telegraf Cables Signals</b>               |
| 605 <b>Periodicals</b>                      | 655 <b>Printing Publishing Copyright</b>         |
| 606 <b>Societies Fairs Exhibitions</b>      | 656 <b>Transportation Railroadng, etc.</b>       |
| 607 <b>Education, schools of technology</b> | 657 <b>Bookkeeping Accounts</b>                  |
| 608 <b>Patents Inventions</b>               | 658 <b>Businessmanuals Methods Tables</b>        |
| 609 <b>History of useful arts</b>           | 659 <b>Advertising and other topics</b>          |
| <b>610 Medicin</b>                          | <b>660 Chemic technology</b>                     |
| 611 <b>Anatomy</b>                          | 661 <b>Chemicals</b>                             |
| 612 <b>Fysiology</b>                        | 662 <b>Pyrotechnics Explosivis</b>               |
| 613 <b>Hygiene Gymnastics Training</b>      | 663 <b>Beverages: wines, liquors, ales, etc.</b> |
| 614 <b>Public helth</b>                     | 664 <b>Foods: sugar, starch, etc.</b>            |
| 615 <b>Materia medica Therapeutics</b>      | 665 <b>Lights: gas, oil, candles, etc.</b>       |
| 616 <b>Pathology Diseases Treatment</b>     | 666 <b>Ceramics: glass, clay, cement, etc.</b>   |
| 617 <b>Surgery Dentistry</b>                | 667 <b>Bleaching Dyeing Inks Paints</b>          |
| 618 <b>Diseases of women and children</b>   | 668 <b>Other organic chemic industries</b>       |
| 619 <b>Comparativ medicin Veterinary</b>    | 669 <b>Metallurgy Assaying</b>                   |
| <b>620 Engineering</b>                      | <b>670 Manufactures</b>                          |
| 621 <b>Mechanical</b>                       | 671 <b>Articles made of metals</b>               |
| 622 <b>Mining</b>                           | 672 <b>Of iron &amp; steel; stoves, cutlery</b>  |
| 623 <b>Military Naval</b>                   | 673 <b>Of brass and bronze; bells, etc.</b>      |
| 624 <b>Bridge and roof</b>                  | 674 <b>Lumber &amp; articles made of wood</b>    |
| 625 <b>Road and railroad</b>                | 675 <b>Lether " " lether</b>                     |
| 626 <b>Canal</b>                            | 676 <b>Paper " " paper</b>                       |
| 627 <b>River and harbor</b>                 | 677 <b>Cotton, wool, silk, linen, etc.</b>       |
| 628 <b>Sanitary Waterworks</b>              | 678 <b>Rubber &amp; articles made of rubber</b>  |
| 629 <b>Other branches</b>                   | 679 <b>Celluloid and other</b>                   |
| <b>630 Agriculture</b>                      | <b>680 Mechanic trades</b>                       |
| 631 <b>Soil Fertilizers Drainage</b>        | 681 <b>Watch and instrument making</b>           |
| 632 <b>Pests Hindrances Blights Insects</b> | 682 <b>Blacksmithing Horseshoeing</b>            |
| 633 <b>Grains Grasses Fibers Tea, etc.</b>  | 683 <b>Lock and gun making</b>                   |
| 634 <b>Fruits Orchards Vineyards</b>        | 684 <b>Carriage and cabinet making</b>           |
| 635 <b>Kitchen garden</b>                   | 685 <b>Saddlery &amp; shoemaking Trunks</b>      |
| 636 <b>Domestic animals</b>                 | 686 <b>Bookbinding</b>                           |
| 637 <b>Dairy: milk, butter, cheese</b>      | 687 <b>Clothesmaking Hats</b>                    |
| 638 <b>Bees Silkworms</b>                   | 688  |
| 639 <b>Fishing Trapping</b>                 | 689 <b>Other trades</b>                          |
| <b>640 Domestic economy</b>                 | <b>690 Bilding</b>                               |
| 641 <b>Food Cookery</b>                     | 691 <b>Materials Processes Preservativis</b>     |
| 642 <b>Serving Entertaining</b>             | 692 <b>Plans and specifications</b>              |
| 643 <b>Shelter; house, home</b>             | 693 <b>Masonry Plastering, etc.</b>              |
| 644 <b>Heat, light, ventilation</b>         | 694 <b>Carpentry Stairbilding</b>                |
| 645 <b>Furnishing Decoration</b>            | 695 <b>Roofing Slating and tiling</b>            |
| 646 <b>Clothing Toilet</b>                  | 696 <b>Plumbing Gas and steam fitting</b>        |
| 647 <b>Household administration</b>         | 697 <b>Heating and ventilation</b>               |
| 648 <b>Sanitary precautions</b>             | 698 <b>Painting Glazing Paperhanging</b>         |
| 649 <b>Nursery Sickroom</b>                 | 699 <b>Carbilding</b>                            |

## Fine arts

- |            |   |            |                                       |
|------------|---|------------|---------------------------------------|
| <b>700</b> | <b>Fine arts</b>                        | <b>750</b> | <b>Painting</b>                       |
| 701        | Philosophy      Esthetics               | 751        | Materials and methods                 |
| 702        | Compendis                               | 752        | Color                                 |
| 703        | Dictionaries                            | 753        | Epic      Mythic      Idealistic      |
| 704        | Essays                                  | 754        | Genre      Still life                 |
| 705        | Periodicals                             | 755        | Religious      Ecclesiastic           |
| 706        | Societies                               | 756        | Historical      Battles, etc.         |
| 707        | Education      Study                    | 757        | Portrait                              |
| 708        | Art galleries                           | 758        | Landscape      Marine                 |
| 709        | History of art                          | 759        | Various schools                       |
| <b>710</b> | <b>Landscape gardening</b>              | <b>760</b> | <b>Engraving</b>                      |
| 711        | Public parks                            | 761        | Wood                                  |
| 712        | Private grounds      Lawns              | 762        | Copper      Steel                     |
| 713        | Walks      Drives                       | 763        | Lithography                           |
| 714        | Water: fountains, lakes                 | 764        | Chromolithography                     |
| 715        | Trees      Hedges      Shrubs           | 765        | Line      Stipple                     |
| 716        | Plants      Flowers      Conservatories | 766        | Mezzotint      Aquatint               |
| 717        | Arbors      Seats      Outlooks         | 767        | Etching      Dry point                |
| 718        | Monuments      Mausoleums               | 768        | Banknote      Machine                 |
| 719        | Cemeteries                              | 769        | Collections of engravings             |
| <b>720</b> | <b>Architecture</b>                     | <b>770</b> | <b>Photography</b>                    |
| 721        | Architectural construction              | 771        | Photographic chemistry                |
| 722        | Ancient and oriental                    | 772        | Processes: silver, etc.               |
| 723        | Medieval      Gothic                    | 773        | Gelatin and pigment                   |
| 724        | Modern                                  | 774        | "      & printer's ink      Albertype |
| 725        | Public bildings                         | 775        | Photolithography, etc.                |
| 726        | Ecclesiastic and religious              | 776        | Photozincography, etc.                |
| 727        | Educational and scientific              | 777        | Photoengraving      Photoelectros     |
| 728        | Residences                              | 778        | Special applications                  |
| 729        | Design and decoration                   | 779        | Collections of photografs             |
| <b>730</b> | <b>Sculpture</b>                        | <b>780</b> | <b>Music</b>                          |
| 731        | Materials and methods                   | 781        | Theory                                |
| 732        | Ancient                                 | 782        | Dramatic                              |
| 733        | Greek and Roman                         | 783        | Sacred                                |
| 734        | Medieval                                | 784        | Vocal                                 |
| 735        | Modern                                  | 785        | Orchestral                            |
| 736        | Carving      Seals      Dies      Gems  | 786        | Piano and organ                       |
| 737        | Numismatics      Coins      Medals      | 787        | Stringd instruments                   |
| 738        | Pottery      Porcelain                  | 788        | Wind      "                           |
| 739        | Bronzes      Bricabrac                  | 789        | Percussion and mechanical             |
| <b>740</b> | <b>Drawing      Decoration</b>          | <b>790</b> | <b>Amusements</b>                     |
| 741        | Freehand      Crayon                    | 791        | Public entertainment                  |
| 742        | Perspectiv                              | 792        | Theater      Opera                    |
| 743        | Art anatomy      Life school            | 793        | Indoor amusements                     |
| 744        | Mathematic drawing                      | 794        | Games of skill      Chess             |
| 745        | Ornamental design: carpet, etc.         | 795        | Games of chance      Cards            |
| 746        | Art needlework                          | 796        | Outdoor sports                        |
| 747        | Interior decoration                     | 797        | Boating and ball                      |
| 748        | Staind and iridescent glass             | 798        | Horsemanship      Racing              |
| 749        | Artistic furniture                      | 799        | Fishing      Hunting      Shooting    |



Literature

<b>800</b>	<b>Literature</b>	<b>850</b>	<b>Italian literature</b>
801	Filosofy	851	Poetry
802	Compendis	852	Drama
803	Dictionaries	853	Fiction
804	Essays	854	Essays
805	Periodicals	855	Oratory
806	Societies	856	Letters
807	Study and teaching	857	Satire Humor
808	Rhetoric Treatises	858	Miscellany
809	History	<b>859</b>	<b>Rumanian and Romanah</b>
<b>810</b>	<b>American literature</b>	<b>860</b>	<b>Spanish literature</b>
811	Poetry	861	Poetry
812	Drama	862	Drama
813	Fiction	863	Fiction
814	Essays	864	Essays
815	Oratory	865	Oratory
816	Letters	866	Letters
817	Satire Humor	867	Satire Humor
818	Miscellany	868	Miscellany
819		<b>869</b>	<b>Portuguese literature</b>
<b>820</b>	<b>English literature</b>	<b>870</b>	<b>Latin literature</b>
821	Poetry	871	Poetry
822	Drama	872	Dramatic
823	Fiction	873	Epic
824	Essays	874	Lyric
825	Oratory	875	Oratory
826	Letters	876	Letters
827	Satire Humor	877	Satire Humor
828	Miscellany	878	Miscellany
<b>829</b>	<b>Anglo-Saxon literature</b>	<b>879</b>	<b>Minor Italic literatures</b>
<b>830</b>	<b>German literature</b>	<b>880</b>	<b>Greek literature</b>
831	Poetry	881	Poetry
832	Drama	882	Dramatic
833	Fiction	883	Epic
834	Essays	884	Lyric
835	Oratory	885	Oratory
836	Letters	886	Letters
837	Satire Humor	887	Satire Humor
838	Miscellany	888	Miscellany
<b>839</b>	<b>Minor Teutonic literatures</b>	<b>889</b>	<b>Minor Hellenic literatures</b>
<b>840</b>	<b>French literature</b>	<b>890</b>	<b>Minor literatures</b>
841	Poetry	891	Minor Indo-European
842	Drama	892	Semitic
843	Fiction	893	Hamitic
844	Essays	894	Scythian Turanian
845	Oratory	895	Eastern Asiatic
846	Letters	896	African
847	Satire Humor	897	North American
848	Miscellany	898	South American
<b>849</b>	<b>Provençal and Catalan literature</b>	<b>899</b>	<b>Malay-Polynesia and other</b>

## History

- |            |  |            |   |
|------------|--|------------|---|
| <b>900</b> | <b>History</b>   | <b>950</b> | <b>Asia</b>                                   |
| 901        | Filosophy  | 951        | China   |
| 902        | Compendis      Cronologies   | 952        | Japan   |
| 903        | Dictionaries   | 953        | Arabia  |
| 904        | Essays   | 954        | India   |
| 905        | Periodicals  | 955        | Persia  |
| 906        | Societies  | 956        | Turkey in Asia                                |
| 907        | Study and teaching   | 957        | Siberia                              [chistan |
| 908        | Poligrafy  | 958        | Afghanistan      Turkistan      Balu-         |
| 909        | Universal histories  | 959        | Farther India                                 |
| <b>910</b> | <b>Geografy and travels</b>  | <b>960</b> | <b>Africa</b>                                 |
| 911        | Historical   | 961        | North Africa                                  |
| 912        | Maps   | 962        | Egypt      Nubia                              |
| 913        | Antiquities  | 963        | Abyssinia                                     |
| 914        | Europe   | 964        | Morocco                                       |
| 915        | Asia   | 965        | Algeria                                       |
| 916        | Africa   | 966        | North Central Africa                          |
| 917        | North America  | 967        | South Central Africa                          |
| 918        | South America  | 968        | South Africa                                  |
| 919        | Oceania      Polar regions   | 969        | Madagascar      Mauritius                     |
| <b>920</b> | <b>Biografy</b>  | <b>970</b> | <b>North America</b>                          |
| 921        | Of filosofy  | 971        | British America                               |
| 922        | " theology   | 972        | Mexico      Central America                   |
| 923        | " sociology  | 973        | United States                                 |
| 924        | " filology   | 974        | North Atlantic states                         |
| 925        | " science  | 975        | South Atlantic states                         |
| 926        | " useful arts  | 976        | South Central or Gulf states                  |
| 927        | " fine arts  | 977        | Northeast Central or Lake "                   |
| 928        | " literature   | 978        | Western or Mountain      "                    |
| 929        | Genealogy      Heraldry  | 979        | Pacific states                                |
| <b>930</b> | <b>Ancient history</b>   | <b>980</b> | <b>South America</b>                          |
| 931        | China  | 981        | Brazil  |
| 932        | Egypt  | 982        | Argentina      Patagonia                      |
| 933        | Judea  | 983        | Chile   |
| 934        | India  | 984        | Bolivia                                       |
| 935        | Medo-Persia  | 985        | Peru  |
| 936        | Kelts  | 986        | Colombia      Panama      Ecuador             |
| 937        | Rome      Italy  | 987        | Venezuela                                     |
| 938        | Greece   | 988        | Guiana  |
| 939        | Minor countries  | 989        | Paraguay      Uruguay                         |
| <b>940</b> | <b>Europe</b>  | <b>990</b> | <b>Oceania      Polar regions</b>             |
| 941        | Scotland      Ireland  | 991        | Malaysia                                      |
| 942        | England      Wales   | 992        | Sunda   |
| 943        | Germany      Austria      Czecho-<br>slovakia      Poland      Hungary | 993        | Australasia                                   |
| 944        | France   | 994        | Australia                                     |
| 945        | Italy  | 995        | New Guinea                                    |
| 946        | Spain      Portugal  | 996        | Polynesia                                     |
| 947        | Russia   | 997        | Isolated ilands                               |
| 948        | Norway      Sweden      Denmark  | 998        | Arctic regions                                |
| 949        | Minor countries  | 999        | Antarctic regions                             |

# Complete tables

including all the

**SUBSECTIONS**

# General works

## 010 Bibliography

.1 Theory, utility, etc. .2 Compenda .3 Dictionaries .4 Essays .5 Periodicals  
.6 Societies .7 Education, training, see also 020.7; .8 Polygraphy .9 History

## 011 General bibliographies Universal catalogs

011 is by Authors. If by Subjects they go in 016

Properly a catalog is of a special collection and so tells where the works may be found. A bibliography disregards actual location and tells what there is, but its contents can seldom be found in any one library

012-016 include both bibliographies and catalogs. 017-019 is limited to catalogs of general collections

## 012 Of individuals

Alfabeted by subjects of bibliographies (bibliografeea), not by compilers; e. g. Chaucer, Dante, Ruskin, etc.

A bibliography of an individual may include either works about or by the individual, or both

Authors on whom special collections are being made (e. g. in 800) attract their bibliographies to same number, leaving only a reference here. Other individual bibliographies class here, unless clearly limited to some subject; e. g. artists or musicians, bibliography of Wagner 016.782

## 013 Of special classes of authors

Subdivided like the general classification, as indicated below. Lists of writings of such classes, if limited to a special subject, class with that subject; e.g. list of historical works by Jesuits 016.9. But in exceptional cases the bibliography of a special class of authors may be put with that class; e.g. bibliography of women's writings 396.58, tho 013.396 would be the better number in a general library

- .0206 Writings of members of A L A
- .064 " " " " French academy
- .282 " " Roman catholics
- .378744 " " Harvard graduates

### .9 Writings of foren residents in a special country

Often extended to one or more generations of descendants. This provides for bibliographies in which nationality, not subject, is the important idea

### .91 Authors from special country

Divided like 930-999 by country of origin and farther subdivided with 0 like 930-999 by country of adoption; e.g. 013.91485 bibliography of writings of Swedes outside Sweden, 013.91485044 writings of Swedes in France, 013.9148507 of Swedes in America. This groups under *mother* country; e.g. gathers together all lists of works by emigrant Swedes

### .930-999 Foren authors in special country

Usually preferable to .91. Divided like 930-999 by country of adoption and farther subdivided with 0 like 930-999 for country of origin; e.g. 013.944 foren authors in France; 013.973 foren authors in U S, 013.9730485 Swedish authors in U S; 013.9485073 American authors in Sweden. Ordinarily 013.94807 would be explicit enough; the longer number is not advised. This groups under *adopted* country; e.g. gathers under a given country all its foren authors

## 014 Of special forms: anonyms, pseudonyms, etc.

.1 American .2 English .3 German, etc.

## BIBLIOGRAPHY

### 015 Of special countries

Books published in the country. Publishers lists, current publications. Subdivided by countries like 940-999; e. g. 015.42, Bibliography of books published in England, as Lowndes or English catalog

The history of literature, i. e. belles lettres, poetry, drama, fiction, etc. goes, of course, with those topics in 800; but the literary history of any given place or period covering the writings on all subjects as well as in literature, is bibliography, and goes usually in 015, tho the literary history of some special class is 013

### 016 Of special subjects

Subdivided like the main classification, from 000-999; e. g. 016.01 Bibliography of bibliographies; 016.091, of manuscripts; 016.5, of science; 016.942, of English history, etc.

See also next note

## Library and sale catalogs

Catalogs of any special subject, whether subject, author, or dictionary, go under its subject number, in 016, which is the ruling heading wherever it conflicts with another. 017-019 therefore includes only catalogs of general collections, limited to no one class or subject

Under 017-019, 4 means catalogs of books for sale, not published, by booksellers. For publishers catalogs see 015

### 017 Clast catalogs: systematic or logical

.1 Public .2 Private .3 Auction .4 Booksellers

Class here author and subject lists bound together, as they are much oftener used to see what has been written on some subject than whether a library has a certain book

For all forms of alphabetic subject catalogs, see 019. See 016 for Bibliographies

### 018 Author catalogs See 011 for Bibliographies

.1 Public .2 Private .3 Auction .4 Booksellers

A volume containing both author and subject catalogs is more useful in 017. For auction catalogs of private libraries use 018.2, not 018.3. 018 includes accession, chronologic, and any other forms (except subject and dictionary) of catalogs of collections

### 019 Dictionary catalogs Alfabetoclast, etc.

.1 Public .2 Private .3 Auction .4 Booksellers

## 020 Library economy

### SUMMARY

#### 020-025 Science and administration of libraries in general

021 Scope, founding, supporting

022 Buildings and grounds

023 Government and service

024 Regulations

025 Administration

#### 026-027 Special libraries and collections; history, description and management

026 Libraries on special subjects

027 General libraries

#### 028-029 Allied subjects

028 Reading and aids

029 Literary methods

### REFERENCES TO OTHER MATERIAL

010 Bibliography

090 Book rarities

#### 020.1 Theory

.14 Library terms, definitions, etc. Discussion. For dictionaries, glossaries, etc. see 020.3

.2 Compendia .3 Dictionaries .4 Essays .5 Periodicals

## DECIMAL CLASSIFICATION

- 020.6 Societies, associations, clubs, conferences**
- .61 Official institutions; government departments  
For library commissions see 021.82
- .62 Societies not under government control
- .621 International associations
- .622 National "
- .623 State "
- .624 Local clubs
- .625 Associations of special groups
  - State librarians, or class in 027.506
  - Medical " " " " 026.6106
  - Sunday school " " " 027.8
  - Library dep't of N E A or class with subject in 021.3
- .626 Mutual benefit associations  
Or class in 023.59, if preferd
- .627 A L A publishing board  
For library leags see 021.3
- .63 Congresses, conferences, meetings, temporary organizations
- .65 Commercial establishments Library Bureau  
For commercial circulars see 020.85
- .7 Education Training Library schools**
- .71 Instruction, schools  
Standards location, cost, etc
- .711 Library schools  
Use letter for each school, and if desired divide like 378 A-Z
- .712 Summer schools
- .713 Apprentis classes Training classes
- .714 Correspondence schools
- .715 Library instituties  
Similar to teachers institutes; local meetings with a conductor, for discussion of practical problems
- .716 Courses in colleges and universities
- .717 Courses in normal and high schools
- .718
- .719 Private schools and instruction
- .72 Research work
- .73
- .74 Museums, exhibits  
Collections of illustrativ appliances, blanks, etc
- .75
- .76
- .77 Special pedagogic methods
- .78
- .79 Competitions, prizes, traveling scholarships
- .8 Polygrafy**
- .81 Individual polygrafy
- .82 Collectiv "
- .822 Extracts, maxims, anthologies
- .83 Recipes
- .84
- .85 Commercial circulars  
See also 020.65 Commercial establishments
- .86
- .87
- .88 Curiosa, anecdotes, library humor, dummy book titles
- .9 History of library economy**  
For history of libraries both public and private see 027  
Lives of librarians are clast in 920.2. To keep them with the subject use 020.92, and for fotographs of librarians 020.921. Collected lives may be separated from individual by use of the Olin booknumbers (following Index)

## LIBRARY ECONOMY

### 021 Scope, usefulness and founding of libraries

- Also scope and founding of combined libraries and museums. Support, development
- .01 Arguments for libraries: purpose, benefits
    - Impressiveness of libraries. Discussion of free public libraries is better class here than in 027.4
  - .02 Arguments against libraries: evils of libraries
    - For paternalism in library see 021.201
  - .03 Progress and future of libraries
    - Reforms, improvements, projects, plans, professions, library ideals
  - .04 Ideals for special communities
    - e.g. what a library can do for a manufacturing community
  - .1 Library as a storehouse
  - .16 Character of material appropriate to library
  - .2 Library as an educator; people's university
    - Material on private reading is better in 028 than in 021.2
    - While the work of a library is nearly all educational in a broad sense, the relations of the library to special classes of the community, outside of direct educational work thru schools and home education work, are best class with libraries for special classes in 027.6, or when a special subject predominates, in 026
  - .201 Paternalism in library
    - See also 024.58 Library censorship of news, 024.674 Restriction of immoral books, 025.217 Exclusion of immoral or ill made books
  - .25 Library as a publisher
  - .26 " bookseller
  - .28 Work for special classes of users
    - Physicians, lawyers, clergymen, women, foreigners, etc. See also 021.3
  - .3 Library in relation to schools and the young
    - This is mainly for relations of general public libraries to school work. Class a library owned by and kept at the school in 027.8. School libraries, 371.6, is only to keep all school material together under 370. Class general work for children with children's libraries in 027.6
  - .31 Relations to teachers
  - .32 " pupils
    - Librarian's talks to pupils, either at schoolhouses or at library, on use of library
  - .33 Special libraries for schools
    - Specially selected from general library and lent to school either for class or general school use. Duplicates for schools
  - .34
  - .37 Work of individual libraries with schools
    - Alfabeted by library: e.g. accounts of work with schools by Hartford public library under Hartford, by Osterhout library at Wilkesbarre under Osterhout

## DECIMAL CLASSIFICATION

- 021.4 Home education**  
This includes all services or added fields of work undertaken by the library outside the use of books. For programs, reports, etc. of home education agencies, see 374.1-9
- .41 Study clubs Reading circles, etc.
  - .42 Conferences, conventions, institutes, etc.
  - .43 Lectures  
For extension courses, see 021.44
  - .44 Extension courses Lecture study
  - .45 Entertainments: dramatic, musical, etc.
  - .46 Museums and temporary exhibits
  - .47 Science museums or collections
  - .48 Art galleries " "
  - .5 **Library as a recreation**  
Serving refreshments; e. g. tea
  - .6 **Library extension and cooperation**  
For work done by the state see 021.8
  - .61 Deliveries  
See also 025.6 and 022.16
  - .62 Branches  
See also 022.15
  - .63 Centralization Grouping of libraries
  - .64 Cooperation between libraries  
Cooperation in any special department is class with the department; e.g. interlibrary lending 025.6
  - .65 Traveling libraries  
A collection (usually 25 to 100 volumes) either general or on one subject, lent to a community, library, study club or other organization. Book wagon
  - .66 House libraries  
A small traveling library for use of a person or household. Originated at New York state library for isolated students
  - .67 Home libraries  
Small libraries for children, each library kept at home of some child for use of a group, under supervision of a visitor. The libraries travel from group to group. Originated by Boston Children's aid society
  - .7 **Founding Developing and maintaining interest**  
This is mainly for starting a library, interesting people and bringing them to the library. For most special methods of interesting those who are already readers see 025.5 and 025.6
  - .71 Personal canvass, visits and correspondence
  - .72 Circulars
  - .73 Advertizing  
In newspapers, posters, street cars, etc.
  - .74 Press Publicity  
Discussion of use of newspaper columns (editorials, articles, letters, new book lists, etc.) to secure interest
  - .75 Schools and teachers
  - .76 Churches and ministers Pulpit
  - .77 Literary and other organizations and institutions
  - .78 Lectures Public meetings and addresses
  - .79 Library propaganda  
Societies, local or general, for encouragement and stimulation



## LIBRARY ECONOMY

- 021.8    Libraries and the state    Library legislation**
- .81    State supervision
- .82    Library departments or commissions
  - Special work done by commissions is class by its subject. Reports of commissions, if largely a summary of the public libraries of the state, go in 027.4
  - If important to keep all work of commissions together, class their reports here
- .83    Government aid
  - .831    State grants of money
  - .832    Local subsidies
- .84    Gifts of books
  - .841    Public documents, etc.
  - .842    Copyright books
- .85    Exchanges
  - See 025.266 for systems of exchanges, management, routine in individual libraries. This number is for general exchanges by state or central authority
  - .851    Local
  - .852    Foren
    - Vattemare international exchanges, Smithsonian exchanges
- .86    Privileges
  - .861    Remitted duties    Free importation
  - .862    Free postage    Franking privilege
  - .863    Lower rates or special facilities    Cheap library post
- .87
- .88    State or local hindrances    Politics
- .89    Library legislation
  - General; laws for a special subject are class with the subject; e.g. law for a library commission 021.82; law against injuring library books 024.8
  - .891    National legislation
  - .892    State    "
  - .893    Local legislation (county, city or village)
  - .894-.899    Legislation in special countries or places
    - Divided like 940-999
- .9    **Support, raising funds, etc.**
  - For state aid separate from local help see 021.8
  - .91    Taxes    Appropriations    Subsidies
  - .92    Endowment
  - .93    Gifts of money or books
    - See also 021.84 Government gifts
  - .94    Bequests
  - .95    Subscriptions
  - .96    Lectures    Fairs    Entertainments, etc.
    - For raising money. For educational purposes see 021.43-.45
  - .97    Membership fees

DECIMAL CLASSIFICATION

022 Library bildings

See also 727.8 Architecture For care of bilding see 025.9

- .1 **Location, site, etc.**
- .11 Location with reference to field of work
  - Accessibility to population servd, to other libraries, educational institutions, etc.
- .12 **Site**
  - With reference to space, air, light, soil, slope of ground, etc.
- .13 Provision for growth **New bildings**
- .14
- .15 **Branches**
- .16 **Delivery stations**
- .17 **Newsrooms, reading rooms, etc.**
- .2 **Material, protection**
- .21 **Material: wood, brick, stone, steel, glass, etc.**
  - Relativ fitness for library bildings See also 670.11 Strength of materials; 691 Bilding materials
- .22
- .23
- .24 **Fireproof construction**
- .25 **Protection against fires**
  - Location and relativ efficiency of apparatus: hose, extinguishers, chemic engins, standpipes, etc. For watchman see 025.9. See also 614.84 Fire protection
- .26 **Library fires, burning of libraries**
- .27 **Insurance**
- .28
- .29 **Other dangers**
  - Flood, earthquake, cyclone, war, etc.
- .3 **Design Plans Construction**
  - Alfabet plans, elevations, exteriors, general descriptions, etc. by name of library. Use .31-.33 only for indexing
- .31 **By kind of library**
  - Divided like 027. Group plans for public libraries, 022.314, in 3 subsections
    - 022.3141 Libraries under 20,000, small; i.e. under this number list plans of such libraries, but shelv them in their alfabetic place under 022.3
    - .3142 Libraries from 20,000-100,000, medium
    - .3143 Libraries over 100,000, large
- .32 **By subject**
  - Divided like 026; e.g. under 022.3234 list plans of law libraries so that they may be redily referd to in 022.3, or in journals or reports clast elsewhere
- .33 **By country**
  - Divide like 930-999 and use like 022.31-.32 only for reference
- .34 **Design and decoration**
  - Divided like 729 as follows:
- .341 **Elevation, style**
  - Only for general discussion; class elevation of a special library under 022.3
- .342 **Plan**
  - Number, distribution and dimensions of rooms; special forms, spiral, circular, etc. See note under 022.341

## LIBRARY ECONOMY

- 022.343 Artistic forms
- .344 Painted decoration, etc.
- .348 Stained glass
- .349 Accessories and fixt furniture
  - Include paintings, statues, busts, etc. as decoration for bilding Special library furniture, bookcases, loan desks, etc. ar 022.9
- .35 Construction
  - Divided like 721. Class here only discussions limited to library bildings
- .36
- .37 Library rooms as part of other bilding
- .38
- .39 Remodeling old bilding
  - Either other bildings (churches, residences, etc.) for library purposes, or remodeling a library to meet modern conditions
- .4 Storage and shelving
  - For furnishing of private libraries see 645.63
- .41 Storage
  - Capacity per square meter of floor, or running meter of cases; allowance for growth
- .42 Shelving round sides of room
- .421 Wall cases
- .422 Alcoves
- .423 Galleries
- .43 Stacks
- .431 Stack rooms
  - Dimensions, maximum width with natural light only. Number of rooms, one or several. Number of floors
- .432 Arrangement of cases
  - Parallel, radial; light; open access, supervision
- .433 Movable cases
- .434 Ailes
  - Position, width
- .435 Flooring of stack rooms
  - Solid, glass, open grating
- .438 Maximum floor load
- .44 Cases, tiers
- .441 Material: wood, metal, glass
- .442 Dimensions of case and tier, height, length
  - See also 022.452 Dimensions of shelf
- .443 Plan of cases
  - Open or closed ends and backs; 1 or 2 ledges
- .444 Fixt or movable shelves
- .445 Quarto and folio shelving
- .45 Shelves
- .451 Material
  - Wood, metal, glass, stone, sheet iron, skeleton steel
- .452 Dimensions: length, depth, thickness; standard shelf
- .453 Surface finish or covering
  - Paint, varnish, cloth or leather covering
- .454 Shelf supports: pins, brackets

DECIMAL CLASSIFICATION

- 022.46 Cases and shelvs for large books, lying flat  
Dimensions, sliding or roller shelvs, etc.
- .47 Closed cases Doors: glass, screen or wood
- .48 Special cases
- .481 Hanging presses
- .482 New-book cases
- .483
- .484
- .485 Cases for maps, engravings, etc.
- .486 Cases for fotografs
- .487 Cases for lantern slides
- .5 Reading rooms**  
See also 022.63 Rooms for special material
- .51 General reading room Central hall
- .52 Small reading rooms Study rooms  
Gallery study tables. For seminar and class rooms see 022.65
- .53 Reference room
- .54 Standard library
- .56
- .57 Women's room
- .58 Children's room
- .6 Administration and special rooms**
- .61 Rooms for trustees or outside organizations
- .611 For trustees
- .612 " committees, commission, school board
- .613
- .614 For local societies
- .62 Administration rooms  
Divided like 025
- .63 Rooms for special material  
Divided like 025.17; e.g. 022.6332 Newsrooms
- .64 Special collections: patents, local history, etc.
- .65 Instruction rooms, etc.
- .651 Lecture room or hall, theater, concert
- .653 Seminar room, class room
- .655 Museum
- .656 Art gallery
- .657 Exhibition room
- .658 Fotografic and dark room
- .659 Piano and music room

## LIBRARY ECONOMY

- 022.66 Recreation rooms
  - .661 Conversation room
  - .662 Chess room
  - .663 Other games
  - .664 Billiards
  - .665 Bowling
  - .666 Gymnasium
  - .67
  - .68 Other rooms Lavatories, etc.
    - For health, comfort or convenience
  - .681 Entrance halls and corridors
  - .682 Waiting room
  - .683 Telephone booth or room
  - .684 Lunch room
  - .685 Coat room
  - .686 Toilet room, lavatories, etc.
  - .687 Garage, bicycle room, etc.
  - .69 Residence quarters
  - .691 Librarian
  - .695 Janitor
- .7 Lighting
  - .71 Natural lighting; windows
    - For architectural side see 022.358; for stained glass see 022.348
    - Position of windows; size and number; shape. Provision for opening: sliding, hinged or pivot sash, French casement
  - .72 Skylights
  - .73 Prisms
  - .74
  - .75 Artificial lights: materials
    - .751 Lamps, oil, etc.
    - .752 Gas
      - .753 Acetylene
    - .754 Electricity
  - .76 Fixtures
    - .762 Portable or semiportable lights
    - .763 Table lights
    - .764 Standards
    - .765 Bracket lamps
    - .766 Chandeliers
  - .77 Lighting of stacks by electricity
    - Fixt or movable lights
- .8 Heating and ventilation
  - General hygiene of library. Divided like 697

DECIMAL CLASSIFICATION

- 022.9**    **Fixtures, furniture, fittings**
- .91        General furniture
  - .911      Chairs
  - .912      Tables
  - .913      Desks
  - .914      Revolving cases
  - .915      Bases
  - .916      Vertical files
    - See also 651.236 Office equipment
  - .918      Counters
  - .92        Public conveniences
  - .921      Hatracks
  - .922      Umbrella stands
  - .923      Clocks
  - .924      Bulletin boards
  - .93        Furniture for exhibiting or using books, pictures, etc.
  - .931      Exhibition cases, fixed or movable
  - .932      Wing frames
  - .933      Easels
  - .934      Reference book holders
  - .935      Magazine and newspaper racks, files, etc.
  - .94        Appliances for getting or carrying books or messages
  - .941      Ladders, stepladders
  - .942      Book trucks
  - .943      Carrying trays
  - .944      Mechanical carriers
    - See also 621.867 Conveyers, Telferage
  - .945      Book lifts
  - .946      Pneumatic tubes
  - .947      Speaking tubes
  - .948      Interdepartment telephones
    - See also 621.3853 Intercommunicating telephones
  - .95        Elevators
    - For carrying persons, goods, etc. See also 621.877. Class here only discussion of them for library use. For book lifts see 022.945
  - .96        Floor coverings
    - For permanent flooring see 022.356
  - .961      Linoleum, corticine
  - .962      Matting
  - .963      Carpets
  - .964      Rugs
  - .965      Door mats: rubber, wire, etc.
  - .97
  - .98
  - .99        Desk fittings, etc.
    - Divided like 651.465

## 023 Government and servis Personnel

- For government of special kinds of libraries see 026 and 027
- .1 Constitution and bylaws for governing board**  
Charters. Local ordinances, etc.
- .2 Appointment and tenure of officers under governing board**  
State or local civil servis. Special library examinations. Promotions. Probationary appointments. Temporary or limited period appointments. Appointments by executiv officer.
- .3 Governing board**  
Trustees, committees, directors, regents, etc.
- .31 Method of selection**  
Election, appointment, exofficio trustees, close corporation, i.e. selfperpetuating body
- .32 Number**
- .33 Qualifications**
- .34 Women as trustees**
- .35 Powers and duties**
- .36 Financial administration**
- .37**
- .38 Time and place of meetings**
- .4 Executiv Consulting librarian Library expert**  
For appointment see 023.2. See also 023.5-9, which apply to executiv as well as to staf
- .43 Responsibilities and privileges**
- .5 Staf**  
Including all subordinate positions. For method of appointment see 023.2
- .51 Qualifications**
- .52 Personality Character Moral and social equipment**
- .53 Mental equipment Natural ability**
- .531 General education**
- .532 Professional education Training**  
See also 020.7 Library schools
- .535 Reading of librarians**
- .54 Physical equipment Helth Exercise**
- .55 Staf meetings Relations to hed**
- .56 Women as librarians**  
Including difference in salaries of men and women
- .57 Worries and trials**
- .58 Longevity**
- .59 Library benefit associations**  
See also 020.626

DECIMAL CLASSIFICATION

- 023.6 Daily hours Holidays and vacations**
- .61 Daily hours
  - .611 Records Record clock
  - .612 Punctuality Tardiness
  - .62 Hours for meals Lunch room
    - See also 022.6 Special rooms
  - .63 Special work
    - .631 Evening
    - .632 Sunday
    - .633 Holiday
  - .64 Work by hour Overtime, extra hours
    - .641 Making up lost time
    - .642 Payment for overtime
    - .643 Effect of overstrain on employees
    - .644 " " on servis
  - .65 Holidays
    - .651 Weekly half holiday
    - .652 Legal holidays
  - .66 Vacations
    - .661 Time of year
    - .662 Length
    - .663 Continuous or in instalments
    - .664 Sabbatic year
  - .67 Absences for sickness or other causes
    - See also 023.641 Making up lost time
  - .68 Attendance at meetings
    - .681 International
    - .682 National
    - .683 State
    - .684 Local
  - .7 Titles and duties**
    - .701 Specialization Monotony Change of work
    - .702 Understudies
    - .71 Executiv Director
      - Chief or principal librarian, keeper, etc.
    - .72 Department, division or section heds
      - Librarians, sublibrarians, chiefs, heds
    - .73 Reference staf or faculty
      - Librarians of special subjects
    - .74 Assistants Catalogers



## LIBRARY ECONOMY

- 023.75 Pupil assistants, apprentices, volunteers  
Paid mainly by instruction
- .76 Clerical servis
  - .761 Stenografers
  - .762 Typewriters
  - .763 Clerks
  - .77 Mechanic servis
  - .771 Binders
  - .772 Electricians
  - .773 Carpenters
  - .774 Other mechanics
  - .78 Pages, messengers, ushers, runners
  - .79 Janitor servis
  - .791 Janitor
  - .792 Watchman
  - .793 Elevatormen
  - .794 Attendants, in coat room, etc.
  - .795 Porters and packers
  - .796 Cleaners, etc.
- .8 **Remuneration: salaries, pensions**  
Divided like 023.7. See 023.56 for difference between salaries of men and women
- .9 **Rules for staf Codes**  
Made by trustees or librarian  
For punctuality see 023.612. For absences or sick leave see 023.67
- .91 Conversation
  - .92 Personal calls or work
  - .93 Soliciting money, subscriptions, contributions
  - .94 Respect and care for library property
  - .95 Uniforms
  - .96 Curtesy Indifference  
See also 174 Business ethics; 177.1 Curtesy (social ethics)
- 024 **Rules for readers**  
For reference and circulating departments
- .1 **Readers qualifications**
  - .11 Age
  - .12 Residence
  - .13 Relations to community  
Membership in society, club or institution; official position; profession, etc.
  - .14 Responsibility  
Reference, guarantor, money deposit
  - .15 Registration
  - .16 " for limited period

DECIMAL CLASSIFICATION

- 024.2 **Fees Assessments Free use**
- .21 **Membership fees**  
Mercantil libraries, atheneums
- .22 **Book fees**  
Circulating library fees. For fines see 024.6
- .23 **Fees for readers card, etc.**  
For petty expenses to gard against wastefulness
- .24
- .25 **Extra library fees; e. g. college library**
- .26 **Public library fee**  
For subscription departments see 024.7
- .27
- .28 **Free use**
- .3 **Hours of opening**
- .31 **Number of hours**
- .32 **Time of day: morning, afternoon**
- .33 **Evening opening**
- .34 **All night "**
- .35 **Intermission for meals**  
Closing library during lunch, dinner or supper hours
- .36 **Hours for reference and circulating departments**
- .37 **Cooperation of local libraries**  
Agreement on hours so that some library shal always be open
- .4 **Days of opening or closing**
- .41 **Sunday**
- .42 **Special religious days**
- .43 **Holidays**
- .44 **Vacation, summer**
- .45 **Inventory Examination**  
Closing for annual examination of library
- .46 **Special occasions**  
Closing for recataloging or rearrangement; public calamity, deths
- .47 **Closing for epidemics**
- .5 **Reference use**
- .51 **Reading room rules**
- .52 **Decorum in library**  
Unwelcome visitors; library cranks
- .53 **Ladies in reading room**  
For women's separate reading room see 022.57
- .54 **Access to catalogs**  
For access to librarian see 023.43
- .55 **Open reference shelvs**
- .56 **Open shelvs in general**
- .57 **Restricted or selected access to shelvs**  
Restriction as to persons or subjects
- .58 **Library censorship of news**  
Obliteration or suppression. in reading room copies, of newspaper reports tending to lower morals; e.g. betting and racing news, reports of crime, criminal trials. See also 021.201 Paternalism

## LIBRARY ECONOMY

- 024.6 Home use Loans**
- .61 Number of books
- .611 Two book system
- .612 Summer vacation cards
- .62 Time: 7-day books, new periodicals
- .63 Delinquencies Fines
  - For injuries, etc. see 024.8
- .64 Renewals
  - Extension of loans by library
- .65 Relending
  - Lending by borrowers
- .66 Reservations
- .67 Restricted books
- .671 Reference
- .672 Rare or costly
- .673 Medical
- .674 Of immoral tendency Library inferno
  - See also 021.201 Paternalism
- .68 Interlibrary loans
- .681 International loans
- .7 Special privileges**
- .71 Extra books Teachers cards
- .72 Extra time
- .73 Remission of fines Excuses
- .74 Favor classes: trustees, faculty, staf
- .77 Lending restricted books
- .78 Subscription department
  - Novels and popular new books lent for fee. Extra copies for rent in public (tax supported) libraries
- .8 Injuries Abuses**
- .81 Defacements
  - Marks; corrections, notes and comments
- .82 Mutilation
- .83 Removal of plates, maps, etc.
- .84 Mutilating newspapers
- .85 Losses by readers; payment
- .86 Thefts
- .87 Restitutions
- .88
- .89 Prevention of abuse
  - Methods of preventing injury and inducing better care of books. For library leag see 027.6
- .9 Other rules**

DECIMAL CLASSIFICATION

025 Administration Departments

SUMMARY

Supervision	025.1	Executiv
Acquisition	.2	Accession
Utilization	.3	Catalog
	.4	Classification
	.5	Reference
	.6	Loan
Preservation	.7	Binding
	.8	Shelf
	.9	Care of bilding

025 is for the librarian's part. The trustees bild and furnish (022); make rules for government and servis (023), and regulations for readers (024); but the administration involvs questions of its own, which, however, ar closely alliel to topics in 021-024 and elsewhere; e. g. the librarian must know his side of binding, and be able to giv proper directions and supervision, but need not know all the details of the binder's craft (686)

Administration includes .1 Supervision .2 Acquisition .3-.6 Utilization .7-.9 Preservation; i. e. the librarian's duty to books is to Get, Use, Keep

- .1 **Executiv**      **General supervision**
- .11      **Finances**
  - See also 023.36 Financial administration of governing board
- .111      **Invested funds, endowments, gifts**
  - See also 021.9 Support
- .112      **Appropriations: local or state**
  - See also 021.8 Libraries and the state
- .113      **Other money receivd**
  - Fees, assessments, fines, payments for special servises and investigations, etc.
- .114      **Accounts: receipts and expenses, bookkeeping**
- .115      **Salary payments      Staf payrolls**
  - See also 023.8 Salaries
- .116      **Expenses: fittings, supplies and incidentals**
  - Class with a department supplies peculiar to it, their kind, quality, cost, etc.; e.g. catalog cards with 025.3. For bookbuying see 025.2
- .117
- .118      **Cost of preparing books for shelvs**
- .12      **Printing and publications**
  - Both preparation of material and details of printing, including size, style, type, etc.
- .121      **Blanks and forms, stationery**
  - If relating to a special department class with it; e.g. bookplates in 025.2
- .122      **Publications**
- .123      **Reports and statistics**
  - See also 027
- .124      **Catalogs**
  - See also 017-019. For cataloging see 025.3
- .125      **Bulletins**
  - Frequency, advertisements, etc. See also 017-019. For preparation of book lists see 025.3; for newspaper publication of new book lists, see 021.74
- .126      **Library magazine or paper**
- .127
- .128
- .129      **Duplicating by neostyle, carbon, etc.**
  - For machines and processes see 632. Class here discussion of fitness for library applications only

## LIBRARY ECONOMY

- 025.15 Correspondence
  - .151 Stationery
    - Material, weight, size and headings
  - .152 Stenografers, dictation machines
  - .153 Typewriters
  - .154 Copiers
    - Roller, press, carbons, portable. See also 025.129
  - .156 Letter files
    - See 651 for methods
  - .17 Treatment of special material
    - For general discussions of arrangement, care and use. Class special work under each department: e.g. cataloging of incunabula in 025.3
  - .171 Manuscripts, archives and rarities
    - Divided like 090
  - .172 Pamphlets
  - .173 Serials, documents, etc.
    - 1 Periodicals, magazines, etc.
    - 2 Newspapers
    - 3 Annual reports
    - 4 Documents; national, state and local
  - .174 Broadsides
  - .175 Clippings
  - .176 Maps and charts
  - .177 Art material
    - Engravings, fotografs, drawings, lantern slides
  - .178 Music: scores, rolls, etc.
  - .179 Museum material
  - .18 Administration of individual libraries
    - Alfabet by name of library. For administration of special kinds of libraries see 026 and 027

DECIMAL CLASSIFICATION

025.2 Accession Acquisition

SUMMARY

- 025.21 The library and its selection
  - .22 Methods of acquisition
  - .23 Ordering and receiving
  - .24 Accessioning
  - .25 Marks of ownership
  - .26 Duplicate and exchange department
  - .29 Special material
- .21 The library and its selection
- .211 What? Proper proportion of subjects
  - Division of funds; endowments for special subjects; accession statistics
- .212 Specialization by libraries
  - Division of subjects among local libraries. See also 021.64 Cooperation. For collections on special subjects, economics, science, etc. see 026
- .213
- .214 Who? Selectors of books
  - Trustees or trustee committee; librarian; staf committee, book board; advisory committee from outside; experts; central body (bibliographic bureau, state commission, etc.)
- .215 How? Methods of selection
  - Recommendations by readers; personal examination; visits to book stores; books sent on approval; printed reviews; first selection for new library. Want lists, books under consideration
  - For lists of best books, A L A catalog, annual lists, etc. see 016
  - For principles of selection and choice of editions see 028.2
  - For selection for special classes see 027.6, 027.8, 028.5
- .216 Buying fiction
  - Duplicating popular fiction; extra copies of best fiction
- .217 Rejection, exclusion, censorship
  - Pernicious literature; badly made books; yellow journal. See also 021.201 Paternalism
- .218 Weeding out, sifting
  - Separating books no longer of servis to library. For withdrawal book see 025.249
- .22 Methods of acquisition
- .221 Buying new books
  - Local bookstores; book center, general agent; publishers; subscription agent; bids on special lists; foren books thru home or American agent, thru foren agent. See also special material 025.29
- .222 Prices Discounts
  - Net books. For free importation, see 021.861
- .223 Buying old books
  - Secondhand catalogs; remainders, trade sales; dealers in old books, bookstalls; value of old books
- .224 Auctions
  - For auction catalogs see 017-019
- .225 Buying libraries in block
- .226 Exchange
- .227 Gifts
  - Request blanks and records; gift lists; acknowledgments; privately printed books; propagandist books
  - For government documents and copyright books see 021.84
  - See 025.268 for gifts from library to library

## LIBRARY ECONOMY

- 025.23    **Ordering and receiving**
  - .    For gifts, see 025.227; for exchanges, see 025.266
- .231    **Ordering**
  - Order slips or lists; order books or sheets; copies of orders; order index order numbers
- .232    **Examination for duplicates and verification**
  - Misspelled names; changed titles; separates
- .233    **Reception and opening**
  - Express, mail, etc; frequency of shipments; free delivery
- .234    **Checking bills**
  - Prices and amounts
- .235    **Collation**
- .236    **Receipt index**
- .24    **Accession book**
  - .241    **Importance of record**
    - Accession book vs shelflist, etc.
  - .242    **Printed headings**    **Items**    **Fulness of entries**
  - .243    **Accession number: volume, work or invoice**
  - .244    **Accession stamp**
  - .249    **Withdrawal book**
- .25    **Ownership marks**
  - .251    **Private marks**
  - .252    **Stamping**
    - Ink, embossing, or perforating stamp. Table and foot power
  - .253    **Book plates**    **Plating**
    - See also 097
- .254    **Library name on outside of book**
  - Gilding or impressing name of library on back or covers
- .255    **Card pockets**
- .26    **Duplicate and exchange departments**
  - .261    **Duplicates**
    - Definition, rules and decisions, marking, stamp, plate, etc.
  - .262    **Duplicates of institution's own publications**
    - Either of library or larger organization including it; e.g. duplicate Columbia publications in Columbia university library; stock on hand
  - .263    **Cataloging**
  - .264    **Arrangement**
  - .265    **Sale for cash**
  - .266    **Exchange**
    - General exchange of publications; exchange accounts
  - .267    **Clearing house for duplicates**
    - See also 021.852 Vattemare international exchanges, Smithsonian exchanges
  - .268    **Gifts to other libraries**
  - .269    **Deposits**
    - By large libraries in small or in hospitals, prisons, etc. also deposits in great collections by individuals or small libraries. See also 025.218
  - .29    **Special material**
    - Divided like 025.17

## DECIMAL CLASSIFICATION

025.3

### Catalog

For printed catalogs themselves, see 017-019. This is for *cataloging*  
Printed, manuscript, or card; Author, subject, title, class; Dictionary or  
combined; Cooperativ rules; Size notation; Cooperativ cataloging;  
Duplicated titles, print or photography; Mechanical accessories, cards,  
cases and fittings, drawers, trays, blocks, checks, guides, labels

.4

### Classification

For filosofic classification of knowledge, see 112 Methodology. This is  
for practical classing of books, pamphlets, and notes, rather than theo-  
retic speculation

On shelves; in catalogs; in dictionary catalogs; Systems of notation, fig-  
ures, letters, symbols, combined; Importance and advantages; Diffi-  
culties; Close vs broad classing; Mnemonic features; Basis of division;  
Coordination of special subjects

.5

### Reference Reference books Aids to readers

See 028 for general discussion of reading and aids. This is limited to  
library administration

.6

### Loan

See 024 for rules for readers

Indicators; Charging systems, legers vs cards; Book cards, marks, pockets;  
Call slips, readers cards; Notices, reservs; Registers; Interlibrary loans;  
Mechanical accessories, slip cases, trays, tills, stamps, etc.

.7

### Binding and repair

See also 686 Bookbinding

Materials, durability, tight vs spring backs, sewing, color, lettering; Paper  
covers and temporary binders; Restoring, mending, cleaning, and oiling

.8

### Shelf

See also 022.9, Shelving

Arrangement; Shelf numbers; Shelf and book labels; Fixt and relativ  
locations; Sizes of shelves; Arrangement and preservation of public  
documents, pamphlets, papers, manuscripts, maps, drawings, and plans,  
music, broadsides, clippings; Chaind books; Injuries, heat, gas, insects;  
Stock taking; Shelf lists

.9

### Bilding: care, cleaning, safety Janitor Police

See 022 for bilding and fittings. This is janitor's department



**026 Libraries on special subjects**

Histories, reports, statistics, bulletins, handbooks, circulars, and every thing about the library not more required in preceding sections. Subdivided by adding the class number of subject; e. g. a Medical library is 026.61; a Chess library, 026.794; but the *catalog* of a chess library is 026.794. Blanks, etc. from any library go under subjects in 025, as more used in studying topics; but, if history of individual libraries is specialised, duplicates are also desirable under the library in 026-7, thus making a complete set of its publications

**027 General libraries**

This includes both circulating and reference; i. e. all not limited to special subjects

Subdivided if wisht by countries, like 930-999; e. g. 027.744 College libraries in France. Or if wisht, group all by geographic location, using 0 in 4th place to indicate no division by *kinds* of libraries; e. g. 027.044 Libraries of France; 027.07471 Libraries of N. Y. city

A private library is still class 027.1, after it has been sold or merged in a public library. But a society library changed to a free public should take 027.4 for all publications after the change

**.1 Private and family****.2 Proprietary, society, club and Atheneum**

.2 is limited to libraries that are semiprivate, requiring an election for admission, while .3 includes all open to any one on payment of a fee. It is the difference between a club and a hotel. .3 is for libraries run as a business. A mercantile library, even tho it has endowments, if open without individual election, goes in .3 as a subsidized public subscription library. Many private subscription libraries go in .2

**.3 Subscription Circulating**

Mudie's, Booklovers, etc.

**.4 Free public Rate supported Endowd**

Public library commissions. See also 331.85; and 027, last note

**.42 Special kinds of public libraries**

General discussion of county or rural libraries, etc.

**.5 State and government****.6 For special classes**

Institution, prison, reformatory, asylum, blind, monastic, workmen's, factory, railroad, sailors, lighthouse. A workmen's library of books on engineering is 026.62, not here, as the subject is more useful than the class of readers

**.7 College, university**

For libraries of professional and technical schools see 026

**.8 School Sundayschool Parish**

See also 371.64 Libraries as school equipment; 021.3 Library in relation to schools and the young

**.9 Free newsrooms and reading rooms**

See also 331.85

DECIMAL CLASSIFICATION

028 Reading and aids

See 374.1-2 Self education by private reading and reading circles

.1 **Methods**

Tasting, skipping, reviewing, making synopses, abstracts, extracts, and index rerums (see 029), book marking

.2 **Choice of editions**

Annotations, indexes, paper, type

.3 **Courses of reading**

Both discussion and lists of books

For sets of books representing prescribed courses for general culture. e. g. *Harvard classics*, see 080

.4 **Fiction Novel reading**

Discussion. Short selected lists may be put here, tho all fiction lists are better together in 016.823 (in German libraries 016.833, French libraries 016.843, etc.)

.5 **Reading of young Juvenils**

Both discussion and lists of books

.6 **Professorships of books and reading**

Lectures. Stimulus and guidance in schools

.7 **Use of reference books**

.8 **Aids to readers**

Guidance, printed or personal. See also 028.6 and 025.5

.9 **Character of reading in libraries**

029 Literary methods and laborsavers

Much in 025 and 028 belongs equally under 029 in its full meaning, but practical convenience is best servd by referring to 025 and 028 insted of repeating the heds

.1 **Methods**

Exact reference; standard sizes; use of colors; thought study; intercalation or card system (see 025.3); cooperativ methods; records vs memory, etc. See 653 Abbreviations and shorthand; 154.1 Mnemonics; 025.4 Classification

.1 is for what one *learns* how to do by an improved *method*

.2 is for articles which one must make or buy in order to utilize. Where a pamphlet covers both appliance and method, class with predominant feature

.2 **Appliances Laborsaving tools and devices**

See also 651. Most literary laborsaving devices go also under 651, Offis equipment and methods; and are best kept together there; e. g. all offis and study furniture, fittings and supplies, cases, bookholders, reading desks, pigeonholes, files, etc. For pamphlet, map, etc. cases, see 025.8; for binders, 025.7

.3 **Clippings Scrapbooks or files**

See also Files, 651

.4 **Notebooks, notetaking, abstracting, etc.**

.5 **Indexing Index rerums Printed and patent indexes**

For alfabeting and transliteration see 025.3

.6 **Authorship Writing for press Copy and proof**

See also 655.25 Proofreading; 655.52 Relations to publishers

.7

.8

.9

## GENERAL WORKS

### 030 General cyclopedias

Subdivided by using for 3d figure: 1 American; 2 English; 3 German; 4 French; 5 Italian; 6 Spanish; 7 Slavic; 8 Scandinavian; 9 Other; e.g. American cyclopedias, 031

### 040 General collected essays

Subdivided like 030

### 050 General periodicals Magazines

Subdivided like 030

### 060 General learned societies

Subdivided by using for 3d figure: 1 American; 2 English; 3 German; 4 French; 5 Italian; 6 Spanish; 7 Slavic; 8 Other; e. g. Académie des sciences morales et politiques, 064

Academies of Paris, Berlin, Vienna, etc. Societies on a specific subject go with that subject; e. g. 550.6 Geologic societies. See also 360 Institutions and associations, for philanthropic, political, social and similar organizations

### 069 Museums

The following classification is the work of a committee of the American Association of Museums, consisting of Laurence Vail Coleman, chairman, Edmund Otis Hovey, Henry W Kent and Harold L Madison

It is now published tentatively, subject to revision before republication, and the topics are therefore not yet included in the index. It has been developed primarily for museum use and many subjects are included for which provision is made elsewhere in the main classification. For these it is recommended that in general the other number be used, e. g. for science museums 507. By those specializing on museum material an M, a dash, or some other arbitrary sign may, if wished for brevity, be substituted for the basic number 069

#### .01 Theory

Objectives and ideals, benefits and evils, scope and future of museums. Includes general adaptations to a community. Also includes such matters as 'The museum as a storehouse', 'People's university', etc. unless material is sufficiently specific for Museum instruction 069.15, Collections 069.5, etc.

#### .011 General public museums

#### .012 National State

#### .013 City Local

#### .014 Association

#### .015 College University

#### .016 School Children's

#### .017 Private

#### .018 Other

#### .019 Museums on special subjects

Discussion of possible range of museum subjects

Subdivided like main classification; e. g. 069.0195 museums of natural science, 069.0197 museums of art

#### .02 Compendis

#### .03 Glossaries

For museum terms in general. For glossaries of special subjects see subjects

#### .04 Essays

On museums and museum economy in general. For essays on special subjects see subjects

#### .05 Periodicals Directories

For periodicals devoted to museum economy. Not to be confused with periodicals devoted to science, art, history etc. which, if published by a museum and classed in 069, belong in 069.7, but which would as a general practice better be classed with their subjects

DECIMAL CLASSIFICATION

**069.06 Associations Congresses Conferences**

Discussion. Reports, proceedings etc.

- |      |                            |      |              |
|------|----------------------------|------|--------------|
| .061 | American                   | .065 | Italian      |
|      | 1 American Assn of Museums | .066 | Spanish      |
| .062 | English                    | .067 | Slavic       |
| .063 | German                     | .068 | Scandinavian |
| .064 | French                     | .069 | Other        |

Class the reports etc. of international bodies under the number corresponding to the location of the museum or library, if that language is regularly used in the publications; e. g. if proceedings are regularly published in English, French, German and Spanish, class in an American institution in 069.061, in a French institution in 069.064. If the vernacular is not regularly used in the proceedings, class with the best known language of the publication

**.07 Education Teaching Training Study**

- .071 Training in subject matter (sciences, arts, etc.)  
 Courses, schools, scholarships. Divide by subject like 069.019
- .075 Training in museum economy  
 Museum schools, pupil assistants, apprentices, volunteers

**.08 Poligraphy**

- .081 Individual
- .082 Collectiv
- 2 Extracts Maxims Anthologies

**.088 Curiosa Anecdotes Museum humor**

**.09 History of museums and the museum idea**

Divide geographically like 940-999, and within groups arrange alphabetically by names of institutions. For history of special topics see topics. For association publications and discussion of association functions see 069.06

**.1 Founding Educational activity Cooperation**

- .11 Founding Developing and maintaining interest  
 May be subdivided like 021.7
- .12 Reserch  
 For discussion of relations of museums to reserch
- .121 Cooperativ reserch
- .122 Joint expeditions  
 For discussion. Class technique of expeditions in 069.49
- .13 Exhibit servis  
 Lending collections to schools and other institutions; also giving collections to schools as a regular servis. For loan of material under special conditions see 069.516
- .14 Slide, film and lantern servis  
 Including loan of written lectures to accompany slides
- .141 Sale Exchange
- .142 Loans to general public
- .143 Loans to schools
- .15 Museum instruction  
 Including lectures, docent servis, children's hours, etc. Put here notes on facilities for accomodating visiting classes, unless more appropriate under 069.2
- .151 Information bureau
- .152 Lectures  
 Including lectures delivered outside the museum
- I Lecture bureaus  
 Including publications of such bureaus, unless (as preferably) class with subject
- .153 Docent servis

MUSEUMS

- o69.154 Work for children
  - Miscellaneous activities
  - 1 **Museum games**
  - .155 Clubs
    - For nonprofessional organizations only
  - .156 Excursions
  - .157 Teacher training
  - .16 Intermuseum relations
    - .162 Joint membership and privileges
    - .163 Staf exchanges
      - 5 **Directories of experts**
    - .165 Cooperativ exhibits
      - For discussion of exhibits prepared for the use of several museums in turn or held under the joint auspices of several museums in the same locality. For regular circulating exhibits see o69.13
    - .166 Other cooperativ relations
      - Buying, production
    - .167 Branch museums
    - .17 Relations with other bodies
    - .171 Relations with the public
      - 1 **Museums and conservation**
      - 4 **Tenure of property**
        - Clas here discussions of ownership, lease of land, etc. contracts with civil government for joint maintenance, etc. For Finance see o69.64
      - 5 **Relations with visitors**
        - Including days and hours of opening, attendance, pay days, admission fees, etc.
      - 6 **Relations with members**
    - .172 Relations with primary and secondary scools
      - Clas here general statements, even tho including some material belonging under other heds
    - .173 Relations with other scools
      - 1 **Colleges Universities**
      - 2 **Art scools**
      - 3 **Industrial scools**
      - 4 **Medical scools**
    - .174 Relations with zoos, aquariums, botanic gardens, etc.
    - .175 Relations with business world
    - .176 Relations with reserch institutions, foundations, etc.
    - .177 Relations with Boy scouts, Girl scouts, etc.
    - .178 Relations with
      - 1 **Government departments, bureaus etc.**
      - 2 **Institutions for defectivs Hospitals**
      - 3 **Religious institutions**
        - Churches, Y M C A, Y W C A, etc.
      - 4 **Libraries**
      - 5 **Societies, clubs etc.**
    - .179 Other

## DECIMAL CLASSIFICATION

### 069.2 Buildings

Here are class general works on museum buildings, and works including descriptions and pictures of a considerable number of buildings. Descriptions and pictures of an individual museum are best class with the history of that museum in 069.09

- .21 Location, site etc.
- .211 Location, environment
  - With reference to accessibility, fire risk, nuisances etc.
- .212 Site
  - Fiscal conditions, orientation: space, air, light, soil, slope of ground, etc.
- .213 Provision for expansion
- .214 Improvement of grounds and courts
- .22 Materials Construction
  - Including preservation and repair
- .221 Foundations
- .222 Walls Exterior
- .223 Roofs Roofing
- .224 Floors Flooring Floor coverings
- .225 Cielings Interior walls Wall coverings
- .226 Windows Doors Gates
- .227 Stairs Fire escapes
- .229 Other constructions
- .23 Design Decoration
- .231 Elevation
- .232 Plan
  - Including provision for growth. For allocation of museum functions in plan of building see 069.24
- .233 Artistic forms
- .234 Painted decoration
- .235 Decoration in relief
- .236 Incrustation and veneering
- .237 Mosaic
- .238 Stained glass design
- .239 Architectural accessories
  - Including decorative statuary, fountains, pools etc. For fireplaces see 069.2931
- .24 Allocation of museum functions in building
  - Including discussion of kind of rooms (educational, administrative, service etc.) to be reckoned with, and their relative location in a museum building
- .241 Special rooms
  - May be arranged alphabetically. Includes museum rooms in school buildings, libraries, etc.
  - .241-.279 reserved for design and construction of specific rooms, whether for exhibits, administration or other use
- .28 Reconstruction
- .281 Remodeling
- .282 Catastrophes Reconstruction
- .29 Service equipment
  - Includes machinery, fixtures and fittings
- .291 Plumbing
- .292 Lighting
  - For fixtures particularly suitable for special rooms see 069.36

MUSEUMS

- 069.293 Heating and ventilating
  - 1 Fireplaces
  - 2 Stoves
  - 3 Hot air Furnaces
  - 4 Hot water
  - 5 Steam
  - 6 Gas
  - 7 Electricity
  - 8 Fuels Chimneys
  - 9 Ventilating and humidity regulating equipment
- .294 Power equipment
  - 6 Vacuum and compressed air apparatus
- .295 Elevators Dumb waiters
- .296 Means of communication
  - 1 Telephones Speaking tubes
  - 2 Bells Buzzers Alarms
  - 3 Pneumatic tubes
- .297 Fire-fighting equipment: hose, sprinklers, extinguishers etc.
- .298 Incinerators
- .299 Other service equipment
- .3 Equipment Furnishings Supplies
  - For service equipment see 069.29
- .31 Exhibit cases
  - For other cases see purpose for which used
- .311 Generalities
  - 1 Size Shape Dimensions
  - 2 Material Finish Construction Joinery
  - 3 Covering and color for background and floor
  - 4 Doors Locks Devices for opening and closing
  - 5 Shelves Diaphragms Steps Interior equipment
  - 6 Lighting
  - 7 Devices for moving
  - 8 Ventilation Dust and pest proofing Humidification Dessiccation
  - 9 Other
- .312 Horizontal cases
  - 1 Wall
  - 2 Desk
  - 3 Table
  - 5 Floor
  - 6 Desk
  - 7 Table
- .313 Vertical cases
  - 1 Wall
  - 5 Floor
  - 8 Alcove
- .314 Combination cases
  - 1 Wall
  - 5 Floor
  - 8 Alcove
- .315 Screens Swinging frames
- .316 Exhibit counters
- .317 Special cases Carrying cases
  - Class here all carrying cases for school collections, etc.

DECIMAL CLASSIFICATION

- 069.32 Exhibit apparatus
  - .321 Projection apparatus
  - .325 Sound apparatus
    - Ponographs and other sound producers
  - .33 Furnishings Fittings
    - Those for general use; if for a special purpose they ar clast with the purpose, with the special room in 069.241
  - .331 Furniture
    - 1 Chairs Seats Invalid chairs
      - Includes upholstery
    - 2 Tables Desks Counters
    - 3 Cabinets Shelves Racks Drawers Trays
    - 4 Bulletin boards Sign standards Wall pockets
    - 5 Shades Curtains Draperies
    - 6 Lamps Lighting accessories
      - For illumination see 069.292
    - 7 Ladders Hoists Cranes
    - 8 Trucks Conveyances
    - 9 Other
      - Clocks, water coolers, etc.
  - .332 Desk fittings
  - .333 Tools Implements
    - Clas here only tools and implements not provided for under their use, as tools for taxidermy under 069.4444
    - 1 Cleaning and janitor's implements
  - .334 Storage containers Museum glasware
  - .34 Supplies General materials
  - .341 Cleaning supplies
    - Includes their use
    - 1 For fibors
    - 2 For paint, woodwork, plaster
    - 3 For metal
    - 4 For glas
    - 5 For stone
    - 8 Insect'cides Germicides
    - 9 Other
  - .342 General plant supplies
    - 1 Dry goods Uniforms
    - 2 Toilet supplies Towel servis
  - .343 Fuel
  - .344 Stationery; letter heds
    - For special blank forms etc. see their use
  - .345 Printing and book binding supplies
    - Including use of these materials, e. g. use of small presses, methods of binding pamphlets, etc.



## MUSEUMS

- 069.348 **Materials**  
For materials of general usefulness only. Clas bilding materials under 069.22 and preparation materials under the appropriate division of 069.4
- 1 **Wood Wood substitutes**
  - 2 **Stone**
  - 3 **Metal Hardware**
  - 4 **Paper Fabric Fiber**
  - 5 **Glas**
  - 6 **Chemicals Fluids**
  - 8 **Glues Cements Lutings**  
Includes formulas for preparing glues etc.
  - 9 **Other**
- .36 **Equipment of special rooms**  
Includes principles of *artificial* lighting. 069.361 may, if wisht, be used for equipment of separate rooms, arranged alfabetically by rooms like 069.241
- .4 **Collecting Preparing Repairing**  
Clas here methods, equipment and special materials. This section is for all methods involvd in preparing objects and specimens for exhibit, or for incorporation into a study collection. Since the preparation of certain kinds of material is begun in the field, it is impossible to divorce the collecting from the preparation of these. On the other hand, much material, specially in art, is collected by methods treated under 069.51 Acquisition, so that only its 'getting redy' (restoration and repair) is included here. The tecnique of excavating, however, applies in part to works of art
- .41 **Rocks Minerals**
  - .411 **Field notes**
  - .412 **Field work**
  - .414 **Laboratory work Mounting**
  - .42 **Fossils**
  - .421 **Field notes Sketches Fotografic studies**
  - .422 **Field work**
  - .424 **Laboratory work Mounting**
  - .43 **Plants**  
For histologic methods see 581.8
  - .431 **Field notes Sketches Fotografic studies**
  - .432 **Collecting Pressing Preserving**
  - .434 **Mounting**  
For reproduction in wax etc. see 069.478
  - .44 **Animals and animal tissues**  
For histologic methods see 591.8
  - .441 **Invertebrates**
  - 1 **Field notes Sketches Fotografic studies**  
For sistems of filing these see 069.5711
  - 2 **Capturing Killing Preserving**
  - 3 **Transporting Storing**  
Includes preserving fluids, etc.
  - 4 **Mounting: dry or in fluids**  
Includes both whole-mounts and dissections. For reproductions in wax etc. see 069.477
- .442 **Nests, workings etc**

DECIMAL CLASSIFICATION

- 069.444 **Vertebrates**
- 1 **Field notes Sketches Fotografic studies**  
For methods of filing these see 069.5711
- 2 **Capturing Killing Preserving**
- 3 **Transporting Storing**
- 4 **Skinning Tanning Taxidermy**  
For reproductions in wax etc. see 069.477
- .445 **Nests, workings etc.**
- .446 **Anatomic material**
- 1 **Field notes, etc.**  
Including the data of fisical anthropology
- 2 **Fluid and jelly methods for soft tissues and embryos**  
Includes fixation and color restoration
- 3 **Dry methods for soft tissues**
- 4 **Bone Skeletons Cartilage**
- 5 **Gross clearing**
- 6 **Gross staining and sectioning**
- 7 **Injection**
- 9 **Other methods**
- .45 **Works of art**  
For general methods of excavating see 069.469
- .452 **Architecture**
- .453 **Sculpture**
- 1 **Restoration**
- 2 **Cleaning**
- 8 **Keramics Glas**
- .454 **Drawings**
- .455 **Paintings**
- 1 **Restoration**
- 2 **Repainting**
- 3 **Relining**
- 4 **Rebacking**
- 5 **Cradling**
- 6 **Varnishing**
- 7 **Gilding**
- .456 **Engravings**
- 1 **Cleaning Washing**
- 2 **Mounting**
- 3 **Matting**
- .457 **Textils Weaving**
- 1 **Repairing**
- 2 **Cleaning**
- 3 **Mounting**
- .458 **Wood work**
- 5 **Metal work**
- .459 **Other**

MUSEUMS

069.46 Modeling Molding Casting Coloring

.461 Modeling Pattern making

- 1 In clay, plastilin etc.
- 2 In wax, paraffin etc.
- 3 In plaster
- 4 In gelatin, glue etc.
- 5 In celluloid
- 6 In glas
- 7 In wood
- 8 In papier-mâché, paper etc.
- 9 Other

Including stone (sculpture)

.462 Molding

- 1 In clay, sand etc.
- 2 In wax, paraffin etc.
- 3 In plaster
- 4 In gelatin, glue etc.
- 5 In celluloid
- 6
- 7 In wood
- 8 In papier-mâché, paper etc.
- 9 Other

Including sulfur and metal

.463 Casting

- 1
- 2 In wax, paraffin etc.
- 3 In plaster
- 4 In gelatin, glue etc.
- 5 In celluloid
- 6
- 7
- 8 In papier-mâché, paper etc.
- 9 Other

Including sulfur and metal

.464 Electroplate reproduction

.465 Coloring

- 1 On fabric  
See also 069.457
- 2 On wax, paraffin etc.
- 3 On plaster
- 4 On gelatin, glue etc.
- 5 On celluloid
- 6 On glas
- 7 On wood
- 8 On papier-mâché, paper etc.
- 9 Other

.469 Excavating  
General methods

DECIMAL CLASSIFICATION

- 069.47 Special models construction
  - .471 Relief maps Panoramic models
  - .472 Models of settlements, Indian villages, etc.
  - .473 Architectural models
  - .474 Large scale interiors, tombs, etc.
  - .475 Mechanical models
  - .477 Animals: entire or dissected
    - 1-4 Invertebrates
    - 5-7 Vertebrates
    - 8 Man
    - 9 Isolated organs or tissues
  - .478 Plants
    - 1 Plant accessories for groups etc.
    - 2 Fruits, vegetables etc.
  - .479 Miscellaneous
    - 1 Prepared foods
  - .48 Background groups construction
  - .481 Artistic composition Layout
  - .482 Field work
  - .483 Background
    - 1 Transparent fotografic
    - 2 Opaque fotografic
    - 3 Painted
  - .484 Foreground
    - See also 069.4444 Taxidermy, 069.46 Wax modeling, etc.
  - .487 Case and lighting
    - See also 069.3316 Lighting and lighting accessories
  - .489 Small-scale background groups
  - .49 Expeditions
    - .491 Camping equipment
      - Including its transportation
    - .492 Personnel
    - .493 Relations with natives, guides, information about regions, etc.
      - Divide geografically like 940-999: 4 Europe, 5 Asia, 6 Africa, 7 North America, 8 South America, 9 Oceania, Polar regions
  - .497 Protection of museum materials
    - 1 Museum pests
    - 2 Poisoning Insecticides Pestifuges
    - 3 Fumigation
      - Including apparatus
    - 4 Rust prevention
  - .498 Packing
    - General methods. For methods of packing special materials see preparation of those materials
- .5 Collections Exhibits
  - .51 Acquisition Disposal
    - .511 Policy
      - Including scope, specialization, proportion, adaptation to special needs, responsibility of certain museums for certain materials, etc.
    - .512 Manner of selection and disposal
    - .514 Gifts Bequests Terms of gift Acknowledgment

## MUSEUMS

- 069.515 **Purchases Sales**  
Dealers, sales, prices etc. May be divided alphabetically by subject. For sale of lantern slides see 069.141; for clerical work involved in buying and selling see 069.653; for income derived see 069.6435
- .516 **Loans Terms of loan**  
Includes loans both to and from museums. For circulating exhibits see 069.13
- .518 **Exchanges**  
Including; material desired or offered. For exchange of lantern slides see 069.141
- .52 **Records**  
Including blank forms, etc. used in keeping records
- .521 **Accession record**  
Including all records of gifts, purchases, loans, exchanges, discards etc.
- .522 **Catalog of specimens and objects**
- .523 **Register of outside material**  
Public monuments, etc.
- .53 **Exhibits**  
General discussion, and description of special details only. For description of special exhibits see 069.54
- .531 **Originals vs copies**
- .532 **Classification and sequence of exhibits Correlation of subjects**  
May be divided alphabetically by subject
- .533 **Special exhibits**  
For discussion only
- .534 **Gross arrangement**  
Including arrangement of cases, aisles, etc.; distances of visibility, horizontal and vertical arrangement, etc.
- .535 **Installation**
  - 1 **Bases Pedestals**  
For use either inside cases or on floor
  - 2 **Installation on shelves and steps**
  - 3 **Installation without shelves**  
Including pins, brackets, hangers etc. For picture hanging see 069.536
  - 4 **Devices for viewing**  
For lenses see 578.1
  - 5 **Means to prevent fading**
  - 6 **Novelties in lighting**  
For case lighting see 069.3116
  - 7 **Lay figures**
  - 9 **Other**
- .536 **Picture framing Picture hanging**
- .537 **Labels Labeling**
  - 1 **Format**  
Size, material, color, type, ink etc.
  - 2 **Data Literary style**
  - 3 **Maps Charts Diagrams Pictures Transparencies**  
Use of these as labels
  - 4 **Tags Numbers Name plates**
  - 5 **Gum letters**
  - 7 **Interrelation and rank of labels General labels**
  - 8 **Location and attachment of labels**  
Including frames, bindings etc.; label pins and holders, etc.
- .538 **Gides Gallery leaflets**  
May be divided alphabetically by subject

DECIMAL CLASSIFICATION

- 069.54 Collections
  - For data concerning material itself, regardless of whether exhibited or stored, including description, catalogs, data on location of types and historic material, thefts, forgeries, etc. May be divided alfabetically by subject
- .55 Arrangement and housing of study collections
  - Classification, tagging, shelving etc.
- .57 Filed collections and materials
  - Including all information concerning material and accessories which ordinarily ar filed for preservation, and also data on mounts, labeling, cabinets, sistem, records, and blank forms used in connection with this material
- .57 I Fotografis Prints
  - I Fotografis, sketches etc. as field notes
- .572 Fotografic negativis
- .573 Lantern slides
- .574 Motion picture films
- .575 Printing blocks
- .576 Maps Charts Broadsides
- .577 Molds Casts
  - Molds and casts used in modeling, taxidermy etc. not the collections of plasters which form part of an art collection, for which see 069.45
- .58 Library
  - For construction see 069.241 and equipment 069.361. Divide in part like 020 as follows:
- .58 I Scope
- .584 Rules Management
- .585 Administration
  - 3 Cataloging
  - 4 Classification
  - 6 Loan sistem
- .6 Administration
  - .6 I Organization
    - .6 I I Charters Acts of incorporation Constitutions Bylaws
    - .6 I 4 Membership
    - .6 2 Principles Regulations Ethics
      - Clas here publisht codes of rules, even tho covering different ground from that indicated below
    - .6 2 I General principles of administration
    - .6 2 2 Regulations and ethics for staf
    - .6 2 3 Regulations for members Privileges
    - .6 2 4 General regulations for visitors
      - For hours of opening see 069.1715
    - .6 2 5 Regulations for copyists, fotografers, students etc.
  - .6 3 Personnel
    - .6 3 I General considerations
      - See also 069.62 Regulations
    - I Professional requirements
      - Qualifications, duties. For training of staf see 069.07. For qualifications and duties of special position see 069.633
    - 3 Appointment Tenure
    - 4 Hours Vacations
      - May be subdivided like 023.6
    - 6 Salaries
    - 8 Women as museum employees

MUSEUMS

- 069.632     **Governing board Trustees**
  - 1         **President**
  - 4         **Other officers**
  - 5         **Electiv members**
  - 6         **Ex-officio "**
- .633       **Staf**
  - 1         **Director Curator in charge**
  - 2         **Other administrativ officers**
  - 3         **Curators**
  - 4         **Docents**
  - 5         **Librarian**
  - 6         **Preparators Artisans**
  - 7         **Attendants etc.**
  - 9         **Other**
- .634       **Animals**  
           Watch dogs, etc.
- .64        **Finance**  
           See also 069.515 Purchase and sale of specimens, etc.
- .641       **Value of property**  
           Divide by subject like main classification (using 1 for bildings and equipment),  
           subdividing as minutely as desired for data regarding value of specimens
- .642       **Public support**  
           Taxes, appropriations
- .643       **Other reciets and assets**
  - 1         **Endowment**  
           Inclu ing investment and income
  - 2         **Contributions Bequests**
  - 3         **Lectures Fairs Entertainments**  
           For raising money
  - 4         **Membership fees**
  - 5         **Sale of publications, pictures etc.**
  - 6         **Sale of other property**  
           See also 069.515
  - 7         **Privileges**  
           E. g. rent of restaurant
  - 8         **Concessions**  
           Tax, tarif, postal, transportation
  - 9         **Other**  
           For admission fees see 069.1715
- .644       **Disbursements Liabilities**
  - 1         **Salaries Pensions**
  - 2         **Purchase of specimens and objects Preparation and repair of  
           collections**  
           See also 069.515
  - 3         **Construction and repair of bilding and equipment**
  - 4         **Material Supplies Equipment**  
           Fuel
  - 5         **Insurance**  
           See also 069.641 Value of property
  - 6         **Taxes**
  - 7         **Printing and publishing**
  - 9         **Other**
- .645       **Budget Accounting Bookkeeping**  
           Includes time accounting
- .646       **Employees welfare**  
           See also 069.6441 Pensions

DECIMAL CLASSIFICATION

- 069.65    **Offis methods**
- .651    **Files Filing**  
          For files not provided for elsewhere
- .652    **Grafic methods**
- .653    **Accounting**
- .654    **Records of property**  
          Including furniture etc.    For records of collections see 069.52
- .7 Publications Publishing**  
    For discussion concerning publication and for complete file of the institution's own publications, also for other museum publications when class as such, for use as sample publications, etc. When dealing with a special subject they ar preferably class under subject; e. g. museum reports in 069.09; monograf on a scientific subject, with that division of science, etc.
- .71    **Authorship Editorial work**  
          See also 029.6 and 655.52
- .72    **Publishing arrangements**  
          Publishing by institution or by outside agency
- .73    **Multigrafing Mimeografing**
- .74    **Distribution Mailing lists**
- .75    **Storage**
- .76    **Reprinting**
- .77    **Reports**  
          Including statistics, prospectuses, anniversary booklets, programs and announcements
- .78    **Other publications**  
          News, popular, scientific, tecnical, non-serial, etc.



**070 Journalism General newspapers**

- See also 029.3 Clippings Clipping bureaus
- 179.1 Morals of the press
- 323.445 Liberty of the press (political science)
- 351.751 Regulation of the press (government administration)
- 396.507 Women in journalism
- 655 Printing Publishing Copyright
- 741 Cartoons Caricatures

- .1 Utility Theories Relations to other professions**
  - For government relations see 070.15
- .11 Standards Ethics Influence Responsibility**
  - General and higher view, educativ influence; for degradation of the press see 070.16
- .12 Endowd newspapers**
  - Independence of popularity
- .13 Liberty of the press Censorship**
  - Individual privacy; diplomatic secrets; seditious or anarchic influence
  - See also political science,323.445 Freedom of the press
- .14 War censorship**
- .15 Subservience to special interests**
  - Use by sectarian, partisan or private interests. Government relations and influence: subsidies, 'reptil fund'
- .16 Sensational or 'yellow' journalism**
  - Fictitious news; scandals, murder and divorce trials; blackmail, bribes
- .17**
- .18 Anonymous journals**
  - Those with editors or place of publication unknown
- .19 Other general questions**
  - Comparison of field, importance and influence of newspaper, periodical and book
- .2 Ownership and control**
- .22 Newspaper names**
- .23 Location**
  - .232 Metropolitan Large city**
  - .234 Provincial Small city**
  - .236 Rural or village**
- .26 Syndicates Patent insides**
- .3 Business management**
- .31 Staff and workmen**
  - .311 Offis staff**
    - Manager, stenografers, bookkeepers, clerks, messengers
  - .312 Workmen**
    - Compositors, foundrymen, pressmen, mechanics, laborers
  - .315 Hours, shifts**
  - .318 Newspaper strikes**

DECIMAL CLASSIFICATION

- 070.32 Newspaper printing  
 Class here discussion of economy and other advantages of special methods and appliances  
 For mechanism and operation of newspaper presses see 655.31 Printing presses
- .321 Size of page
- .322 Methods and appliances
- 2 Composition: linotype, monotype, etc.
- 3 Stereotyping
- 4 Presses
- .324 Newspaper cuts: wood, zinc line, halftone
- .325 Frequency of issue  
     Daily, semiweekly, weekly, etc.
- .327 Time of issue  
     Morning, evening, successive editions, extras
- .328 Size of editions, number printed
- .33 Distribution      Circulation      Sale
- .331 Direct: subscription      Mailing
- .332      House delivery
- .334 Indirect: newsboys, news agencies, etc.  
     Crying and peddling in streets; news stands
- .336 Advertizing methods  
     Subdivided like 659.1 Advertizing
- .337 Specialties  
     As means of increasing circulation. For special departments see 070.43  
     Regular: foren or marine news, stocks, sporting, etc.  
     Occasional: adoption of popular causes, exposure of abuses, etc.
- .338 Other means of increasing circulation  
     Competitions, guessing contests, prizes, fairs, lotteries, expeditions, etc.
- .34 Cost of production      Expenses
- .341 Plant: bilding and equipment, offises  
     Duplicate plant. Depreciation of machinery
- .343 Supplies: paper, stationery, etc.
- .344 Salaries and wages  
     Space rates. Pay of journalists, pecuniary inducements of vocation.  
     Traveling expenses
- .345 Postage: pound rates, free carriage
- .348 Advertizing  
     Necessity and cost of advertizing itself to gain circulation and secure advertizements. For methods see 070.336
- .349
- .35 Sources of income      Receipts  
     Sales, subscriptions, subsidies. For bribes see 070.16
- .36 Advertizing department  
     Including all business pertaining to a journal's advertizing colums. For advertizing agencies see 659.1
- .39 Foren offises  
     Subdivided like 940-999; e.g. *N Y herald* office in Paris 070.3944

## JOURNALISM

- 070.4 **Editorial management**
  - .41 **General**
    - Editing rules: order of departments and articles; style; newspaper diction
  - .42 **Staff: reporters, correspondents**
    - Organization; hours, duties. For pay see 070.344
  - .43 **Editorial departments**
  - .431 **News**
    - 1 **Sources and channels of news**
      - Telegraf, telephone, wireless, mail, reporters, carrier pigeons, other
      - Utilization and precautions; conflicting news
    - 2 **Press bureaus: associated press**
      - Laffan and other news bureaus. For clippings see 029.3 under
      - Literary methods and labor savers
    - 5 **Foren**
    - 6 **Home**
    - 7 **Local**
  - .432 **Leaders, editorials**
  - .433 **Local interests**
    - Discussion of local affairs, questions affecting schools, library, public works, etc. For local news department see 070.4317
  - .44 **Special subjects: departments and editors**
  - .443 **Financial: stocks, business, shipping, etc.**
  - .445 **Household**    **Home**    **Women**    **Children**
    - 2 **Cookery**
    - 4 **Clothing**    **Fashions**
    - 6 **Hygiene**    **Care of children**
    - 7 **Women's clubs**
    - 8 **Children's department: games, puzzles, etc.**
  - .446 **Recreation**    **Sporting**
  - .447 **Art, musical and dramatic**
    - 7 **Art**
    - 8 **Musical**
    - 9 **Dramatic**
  - .448 **Literary**
    - 1 **Poetry**
    - 3 **Fiction**
  - .449 **Other departments**
    - 2 Religion; 3 Education; 5 Science; 8 Humor
  - .45 **Voluntary correspondents**    **Contributors**
  - .47 **Special editions**
    - Sunday newspaper. Supplements. For extras see 070.327
  - .48 **Special kinds of journals**
  - .481 **Official journals**
  - .482 **Religious**
  - .484 **For foren population**
    - In language foren to country in which publisht
  - .485 **Propagandist**
  - .486 **Professional and technical**
  - .487 **Humorous**
  - .488 **Literary**

DECIMAL CLASSIFICATION

070.489 Other: amateur, etc.

070.5-.9 Form divisions

- .5 Periodicals on journalism
- .6 Press clubs Conventions Expositions
- .7 Study and teaching of journalism College courses  
Schools Personal qualifications for journalism
- .9 History of newspapers and journalism  
General History of American newspapers 071, of German journalism 073  
etc. Class history of a particular journal with that journal

071-079 Newspapers of various countries

The 3d figures 1-9 are used as follows:

- |            |           |                |
|------------|-----------|----------------|
| 1 American | 4 French  | 7 Slavic       |
| 2 English  | 5 Italian | 8 Scandinavian |
| 3 German   | 6 Spanish | 9 Other        |

In large collections use geographic divisions under 1, American; 2, English, etc. as in 970 and 940-999. Because of large size and very general character, it is better to keep newspapers together here than to class with local history of the place where published. They could not go on shelves with ordinary books, and a reference is made as easily to them under 070 as anywhere.

GENERAL WORKS

**080 Special libraries Polygrafy**

For sets or 'libraries' so constituted as not to be readily scattered by subjects, and miscellaneous information; but class in 803 literary questions and answers, even the not alfabetic. Collections conditiond by terms of gift on being kept together may be put here, but for preferable treatment of sets, see in Introduction, Assyning clas numbers, section 11, and Reference library. If limited to a special subject, treat like Phoenix library, but shelv the collection in a block before or after the regular books on the same subject; e. g. the Doe collection on Spanish painting, D759.6, would stand together, yet would be where it belonged with the rest of the books on that subject.

**090 Book rarities**

Books about these topics, and those chiefly valuable because of their rarity, go here. A rare early edition of Shakspeare goes in 822.33 with reference from 099. 090 is mostly used for grouping references to books located elsewhere. See also 010 for bibliography and bibliofly; 655 for printing and publishing

**091 Manuscripts Autografs**

Class in 096 mss important chiefly for illumination. Photographs of mss, when more valuable for subject matter, go with subject rather than here  
For Diplomatics and Paleografy, see 417, and under the special language, 421.7, 431.7, etc.

**092 Block books**

**093 Early printed books Incunabula**

Colophons

**094 Rare printing**

Aldines, Elsevira, Caxtons, etc. Privately printed books; unique books

**095 Rare binding**

Noted binders, costly ornaments, curious bindings

**096 Rare illustrations or materials**

Illuminated Illustrated by inserted plates Printed on vellum, silk, bark, etc. in gold or silver letters, etc.

**097 Ownership Book plates Ex libris**

**098 Prohibited Lost Imaginary**

**099 Other rarities Curiosa Minute size, etc.**

# Philosophy

---

## 100 **Philosophy in general**

Works limited to none of the 9 divisions

- 101 Utility
- 102 Compendis, outlines
- 103 Dictionaries Cyclopedias
- 104 Essays, lectures, addresses
- 105 Periodicals Philosophic magazines
- 106 Societies: transactions, etc.
- 107 Study and teaching of philosophy
- 108 Polygraphy, extracts, maxims, etc.
- 109 History of philosophy

## 110 **Metaphysics**

- 111 Ontology  
Nature of being Substance and form
- 112 Methodology  
Philosophic classification of knowledge Terminology For book classification  
see 025.4
- 113 Cosmology  
Philosophic theories and discussion; for philosophy of mathematic processes  
see 510.1
- 114 Space
- 115 Time
- 116 Motion
- 117 Matter
- 118 Force
- 119 Quantity Number

**I20 Other metaphysical topics**

- I21 Theory of knowledge Origin Limits  
Dout, denial, belief
- I22 Causation Cause and effect
- I23 Liberty and necessity  
See also 233.7 Freedom; 234.9 Predestination; 159 Will
- I24 Teleology Final causes
- I25 Infinit and finite
- I26 Consciousness Personality See also 233.6 Doctrin
- I27 Unconsciousness Automata
- I28 The soul See 218 Natural theology; 237 Future state
- I29 Origin of the individual soul
  - .1 By special creation See also 213 Creation
  - .2 By inheritance Traduction  
See 575.1 Evolution; 136.3 Mental heredity; 233.3 Spiritual heredity
  - .3 Pre-existence
  - .4 Transmigration Palingenesis
  - .5 Emanation See also 147 Pantheism; 212 Natural theology

**I30 Mind and body Anthropology**

- Psychic research
- I31 Mental physiology and hygiene  
New thought. For influence of mind on body, mind cure, etc. see 615.851; see also 612.8 Physiology of nervous system, 613.8 Hygiene of nervous system
- I32 Mental derangements  
See also 616.8 diseases of nervous system
  - .1 Insanity See 362.2 Asylums; 920.8 Lives; 616.84 Disease
  - .2 Idiocy See 362.3 Asylums; 920.8 Lives; 371.922 Education
  - .3 Hypochondria Melancholy See 616.852 Hysteria
  - .4 Catalepsy See 616.852 Hysteria
  - .5 Ecstatics
  - .6 Kleptomania and other leading to crime
  - .7 Dipsomania and other leading to vice  
See also 178 Temperance; 616.861 Alcoholism
  - .8 Mnemonic derangements  
Not knowing in one state what past in another. See also 154 Memory
- I33 Occultism Witchcraft Magic
  - .1 Apparitions Ghosts
  - .2 Hallucinations
  - .3 Divination Oracles Second sight Omens Predic-  
tions
  - .4 Witchcraft Sorcery See also 272.8 Persecutions
  - .5 Astrology See also 520.1 Astrology
  - .6 Palmistry
  - .7 Humbugs Quackery
  - .9 Spiritism Table-tipping, etc. See also 289.9 Sects

**I34 Mesmerism Animal magnetism Clairvoy-  
ance**

Psychic phenomena, hypnotism

DECIMAL CLASSIFICATION

135 Sleep Dreams Somnambulism

136 Mental characteristics

See also 131 Mental physiology

- .1 **As influenced by sex**
- .2 " " " **physical surroundings**  
See also 376.2 Mental capacity of women
- .3 " " " **ancestry (Mental heredity)**  
See also 575.3 Evolution; 573.4 Natural history of man  
Origin of soul; 613.92 Hygiene
- .4 " " " **race Racial characteristics**  
See also 572 Ethnology
- .5 " " " **age**  
See also 136.7 Childstudy
- .6 " " " **physical structure and conditions**
- .7 **Childstudy Paidology**  
Including adolescence
- .702 **Methods**
  - 1 Laboratory
  - 2 Home
- .708 **Observations, records Albums**
- .71 **Body: structure, growth, care**  
Limited to development period  
See also 136.3 Mental heredity 612.65 Growth  
371.7 School hygiene 613 Hygiene  
612.64 Embryology 613.9 Heredity
- .72 **Mind**  
Limited to period of physical development  
In a general library better class in 130 and 150 with only references here
- .73 **Mental characteristics**  
Grouped by influence like 136.1-6
- .74 **Children's point of view**  
Divided like the classification: e. g.  
.7417 Ethics .7479 Games  
.742 Religion .748 Literature
- .75 **Delineation of children**  
Psychology of children from authors' and artists' point of view
- .757 **In art**
- .758 **In literature**
- .76 **Abnormal children**  
Study of development. For methods of instruction see 371.9  
For institutions see 362, 364
- .761 **Physically defectiv**
  - 1 **Blind**
  - 2 **Def**
  - 3 **Blind-def**
- .762 **Mentally defectiv**  
Divided like 132 Mental derangements; e.g. study of idiotic children  
136.7622
- .763 **Morally defectiv Delinquents**
- .764 **Wildings**  
Wildings: a class of children which, having been lost or deserted, have grown up away from the surroundings of children, alone or among animals.  
*Paidology* 1: 196 (July 1900)



PHILOSOFY

- 136.765      Exceptionals      Precocity  
           .766            **Backward children**  
           .767            Dependents  
                     Homeless children, a public charge, lacking ideas and associations of  
                     children in families  
           .769            Other abnormal classes  
           .77            Boys      The 'gang'      The boy problem  
           .79            Childhood      Divided like 930-999  
           .791            The child among uncivilized and semicivilized peoples
- 137      **Personality**  
           Temperaments, idiosyncrasy
- 138      **Physiognomy**  
           Expression of mentality thru the body
- 139      **Phrenology**      Mental photografs, etc.
- 140      **Philosofic systems**  
           The heds 140-149.9 are for the discussion of the systems as such. The philo-  
           sophic works of authors of these various schools are clast under 190, not here.  
           From these heds refer in the catalogs to authors clearly falling under them,  
           without attempting to label each writer as an exponent of some one system
- 141      **Idealism**      **Transcendentalism**  
           e. g. Plato, see 184.1, 888.4; Berkeley, see 192.3; Fichte, see 193.3; Emerson,  
           see 191.3, 814.36
- 142      **Critical filosofy**  
           e. g. Kant, see 193.2
- 143      **Intuitionalism**  
           e. g. Reid, see 192.5; McCosh, see 191.5.      See also 156 Intuitiv faculty;  
           171.2 Ethics.
- 144      **Empiricism**  
           e. g. Descartes, see 194.1; Bacon, see 192.1
- 145      **Sensationalism**  
           e. g. Locke, see 192.2
- 146      **Materialism**      **Positivism**  
           e. g. Hobbes; Comte, see 194.8      See also 149.2 Realism
- 147      **Pantheism**      **Monism**  
           e. g. Spinoza      See 212 Natural theology
- 148      **Eclecticism**  
           e. g. Cousin, see 194.7
- 149      **Other filosofic systems**  
           See 211 Rationalism, skepticism; 214 Fatalism
- .1      **Nominalism**
- .2      **Realism**      See 146 Materialism
- .3      **Mysticism**      See 273.2 Heresies; 189.5 Medieval filosofy
- .4      **Associationalism**
- .5      **Optimism**      **Meliorism**
- .6      **Pessimism**  
           e. g. Schopenhauer, see 193.9      See also 216 Evil; 233 Doctria of man
- .7      **Agnosticism**  
           See 273.8 Agnostic heresy
- .8      **Nihilism**
- .9      **Other systems**

DECIMAL CLASSIFICATION

**150 Mental faculties Psychology**

For related topics, see Mental in Relativ index following Tables

- 151 Intellect Capacity for knowing**  
    **.1 Genius**
- 152 Sense Sense perceptions**  
    See also physiology 612.84-88  
    **Passiv or receptiv faculty**  
    **.1 Vision**  
    **.2 Hearing**  
    **.3 Smell**  
    **.4 Taste**  
    **.5 Touch**  
    **.6 Muscular sense**
- 153 Understanding**  
    See also 612.821 Physiologic psychology  
    **Activ or thinking faculty**  
    **.1 Conception The concept or notion**  
    **.2 Association**  
    **.3 Abstraction**  
    **.4 Reflection**  
    **.5 Judgment**  
    **.6 Reasoning Induction and deduction**  
    See also 160 Logic
- 154 Memory Reproductiv power**  
    See also 132.8 Mnemonic derangements  
    **.1 Mnemonics**
- 155 Imagination Creativ power**  
    **.1 Fancy Imaging power**
- 156 Intuitiv faculty Reason**  
    For reasoning, see 153.6
- 157 Sensibility Emotions Affections**
- 158 Instincts Appetites**
- 159 Will**

## 160 Logic Dialectics

See 153.6 Reasoning power. For logic of chance, see 519 Probabilities

161 Inductiv

162 Deductiv

163 Assent Faith

See also 234.2 Doctrinal theology

164 Symbolic Algebraic

Logical machines

Logical topics

165 Sources of error Fallacies

166 Syllogism Enthymeme

167 Hypotheses

168 Argument and persuasion

169 Analogy Correspondence

See also 219 Natural theology

## 170 Ethics: theoretic and applied

Many topics in applied ethics occur also in law, specially in 343 Criminal law

See also 377.2 Ethical education.

.1 .2 Compends .3 Dictionaries .4 Essays .5 Periodicals  
.6 Societies; Society for ethical culture .7 Study and teaching .8 Polygraphy  
.9 History

## 171 Theories Philosophy of ethics

Theories of the basis of morality

.1 Authority Will of God Christian

For rules of Christian conduct see 241

.2 Intuition Moral sentiment

See also 143 Intuitionism; 156 Intuitiv faculty

.3 Perfection

.4 Happiness Hedonism

.5 Utilitarianism

.6 Conscience Casuistry

.7 Evolutionary or educational

.8 Altruism

.9 Egoism

## 172 State ethics

.1 Individuals and the state Duties of citizens Patriotism

See also 320 Political science

.2 Duties of public officers Official corruption

.3 Relations to church

Duty of state as to support and protection of church

See also 261.7 The church; 322 Church and state; 272 Persecutions

.4 International ethics Peace and war

See also 341 International law

DECIMAL CLASSIFICATION

173 Family ethics

- 1 Marriage and divorce See also 347.6 Family law
- 2 Polygamy and monogamy See also 298 Mormonism
- .3 Duties of husbands and wives
- .4 Infanticide
- .5 Duties of parents
- .6 Duties of children
- .7 Home life
- .8 Masters and servants See also 647 Servants; 331 Labor
- .9

174 Professional and business ethics

- .1 Clergy
- .2 Physicians
- .3 Lawyers
- .4 Merchants Business men Business virtues and vices
- .5 Speculation Mammonism Avaris
- .6 Gambling Lotteries  
See also 175 below
- .7 Honor, honesty Dishonesty  
Compact, promis; chicanery, trickery
- .8 Employers and employd
- .9

175 Ethics of amusements For amusements, see 790

- .1 Public shows and diversions Rinks, circuses, etc.
- .2 Theater Opera Private theatricals
- .3 Dancing Balls Round dances
- .4 Games of skill: billiards, chess, etc.
- .5 Games of chance: cards, dice, etc.
- .6 Prize fighting Animal fighting: bull, dog, cock, etc.
- .7 Racing: horse, boat, pedestrian, wheel, etc.
- .8 Novel reading
- .9 Betting Poolselling See 174.6

176 Sexual ethics

- .1 Chastity
- .2 Celibacy See also 254 Celibacy of clergy
- .3 Continenace
- .4 Solitary vice
- .5 Social evil See also 258 Parish care of fallen
- .6 Adultery
- .7 Immoral art
- .8 Immoral literature
- .9

**177 Social ethics**

- .1 Curtesy**  
See also 395 Etiquet
- .2 Conversation Gossip**  
See also 374.1 Self culture
- .3 Truth Slander Flattery**
- .4 Dress Display Sumptuary legislation**
- .5 Caste Class feeling Welth and rank**  
See also 294 Brahmanism, and 323.31 Nobility, welthy class
- .6 Friendship Courtship Coquetry**
- .7 Philanthropy Humanity**
- .8 Solitude vs social obligations**
- .9**

**178 Temperance Stimulants and narcotics**

May be divided by form .01-.09; see Index table 2, following Relativ index  
See also 132.7 Dipsomania; 331.84 Laboring classes; 613.3 Beverages; 613.8 Nervous system

- .1 Use of intoxicating drinks Beer drinking Medicinal use**  
See also 616.861 Alcoholism; and Alcohol, Alcoholic, in Relativ index
- .2 Total abstinence vs temperance**
- .3 Social drinking Wine at table Treating**
- .4 Traffic in intoxicating drinks License High license**  
See also 336.27 Taxation
- .5 Prohibition**  
Including legal discussion of prohibition. See also 329.81 Prohibition party
- .6 Inebriates**  
Discussion, reformation. For reformatories and inebriate asylums see 362.8
- .7 Tobacco**
- .8 Opium Hashish Chloral Ether and other drugs**
- .9 Gluttony and other intemperance**

**179 Other ethical topics**

- .1 Morals of the press Newspapers**  
See also Journalism, 070.11
- .2 Cruelty**  
Societies for preventing cruelty to children and also general humane societies covering work for both children and animals. See also 173.4 Infanticide; 331.3 Labor of children
- .3 Cruelty to animals**
- .4 Vivisection**  
See also 614.22 Vivisection laws
- .5 Oaths**
- .6 Heroism Bravery Cowardis**
- .7 Life Dueling Suicide**  
See also 394.8 Dueling as a custom
- .8 Pride Covetousness Envy Anger Sloth Jelousy Hate and other vices**
- .9 Humility Liberality Gentleness Patience Diligence Charity Modesty, and other virtues**

**180 Ancient philosophers**

See also 921.9 Biography of ancient philosophy

**181 Oriental philosophers**

- .1 Chinese: Confucius, Mencius
- .2 Egyptian
- .3 Jewish: kabala; Philo, Maimonides
- .4 Indian: gymnosophists
- .5 Persian Sufism
- .6 Chaldaean
- .7 Sabeism
- .8 Phenician
- .9 Syrian

**182 Early Greek philosophers**

- .1 Ionic: Thales, Anaximander, Anaximenes  
Materialistic. Things are as they seem
- .2 Italic or Pythagorean Half idealistic
- .3 Eleatic: Xenophanes, Parmenides, Zeno, Melissus  
Idealistic. Existence denied. Thought is the only reality
- .4 Heraclitus
- .5 Empedocles
- .6 Atomistic
- .7 Democritus
- .8 Anaxagoras
- .9 Other early Greek

**183 Sophistic and Socratic philosophers**

- .1 Sophistic: Protagoras, Gorgias, Prodicus, Hippias
- .2 Socrates
- .3 Socratic
- .4 Cynic: Antisthenes, Diogenes, Crates, etc.
- .5 Cyrenaic: Aristippus, Hegesias, etc.
- .6 Megaric: Euclid, Eubulides, Diodorus, etc.
- .7 Elian and Eretrian: Phedo, Menedemus, etc.

**184 Platonic Older Academy**

- .1 Plato  
Class his works preferably in 888.4, but discussion of his philosophy here
- .2 Speusippus
- .3 Xenocrates

**185 Aristotelian Peripatetic Lyceum**

- .1 Aristotle  
Class his works preferably in 888.5, but discussion of his philosophy here
- .2 Theophrastus
- .3 Eudemos
- .4 Strato

PHILOSOFY

- 186 **Pyrrhonist New Platonist**
  - .1 **Pyrrhonism Skepticism Pyrrho, Timon**
  - .2 **New Academy: Arcesilaus, Carneades, Plutarch**  
See 888.8 Plutarch's works
  - .3 **Eclecticism: Cicero** See 875.4
  - .4 **Alexandrian, Neo-Platonic: Philo, Plotinus, Proclus, Porphyry, Iamblichus** See 239.4 Apologetics; 273.1 Heresias
- 187 **Epicurean: Epicurus Lucretius** See also 871.1
- 188 **Stoic**
  - .1 **Zeno**
  - .2 **Cleanthes**
  - .3 **Chrysippus**
  - .4 **Panaetius**
  - .5 **Posidonius**
  - .6 **Seneca** See 878.5; 872.6
  - .7 **Epictetus**
  - .8 **Marcus Aurelius**
- 189 **Early Christian and medieval philosophers**
  - .1 **Gnosticism** See 273.1 Basilides, Marcion. See 273.2 Manichaeism
  - .2 **Patristic: Tertullian, Augustine, Clement, Origen**
  - .3 **Arabian: Avicenna, Averroes**
  - .4 **Scholastic: Scotus, Aquinas, Anselm, Abelard**
  - .5 **Mystic: Reuchlin, Cornelius Agrippa, Paracelsus, Servetus, Böhme**
- 190 **Modern philosophers**  
See also 921.1 to 921.8 Biography of philosophy, or lives may be put here with works, with references only under 920 Biography. Philosophic works are put here, not under the School or System to which the author may be thought to belong. See note under 140
- 191 **American philosophers**  
These numbers may be left blank for future use or used for the well known names among American philosophic writers given below
  - .1 **Jonathan Edwards** 1703-58
  - .2 **Orestes A Brownson** 1803-76
  - .3 **Ralph Waldo Emerson** 1803-82 See 814.36
  - .4 **Laurens P Hickock** 1798-1888
  - .5 **James McCosh** 1811-94
  - .6 **Noah Porter** 1811-92
  - .7 **Francis Bowen** 1811-90
  - .8 **William Torrey Harris** 1835-1909
  - .9 **Other American philosophic writers**

DECIMAL CLASSIFICATION

- 192 British philosophers
- .1 Bacon 1561-1626 See 144 Empiricism
  - .2 Locke 1632-1704 See 145 Sensationalism
  - .3 Berkeley 1685-1753 See 141 Idealism
  - .4 Hume 1711-76 See 824.64 English essays
  - .5 Reid 1710-96 See 143 Intuitionism
  - .6 Dugald Stewart 1753-1828
  - .7 John Stuart Mill 1806-73
  - .8 Spencer 1820-1903
  - .9 Other British philosophic writers
- 193 German philosophers
- .1 Leibnitz 1646-1716
  - .2 Kant 1724-1804 See 142 Critical philosophy
  - .3 Fichte 1762-1814 See 141 Idealism
  - .4 Schelling 1775-1854
  - .5 Hegel 1770-1831
  - .6 Schleiermacher 1768-1834
  - .7 Schopenhauer 1788-1860 See 149.6 Pessimism
  - .8 Lotze 1817-82
  - .9 Other German philosophic writers
- 194 French philosophers
- .1 Descartes 1596-1650 See 144 Empiricism
  - .2 Malebranche 1638-1715
  - .3 Condillac 1715-80
  - .4 Rousseau 1712-78
  - .5 Diderot 1713-84
  - .6 Lamennais 1782-1854
  - .7 Cousin 1792-1867 See 148 Eclecticism
  - .8 Comte 1798-1857 See 146 Positivism
  - .9 Other French philosophic writers
- 195 Italian philosophers
- 196 Spanish philosophers
- 197 Slavic philosophers
- 198 Scandinavian philosophers
- 199 Other modern philosophers

The heads of 180-199 are for discussions of the systems of these men and for their philosophic works not clearly belonging elsewhere, not for *all* their works. Mill's Logic is 160 not 192.7, but his *complete works* bound together are 192.7. Plato and Aristotle have individual numbers, 888.4 and .5, where their works are more useful than in 184-5 because of their classic prominence.



# Religion

## 200 Religion General works

201 Philosophy, theories, methods

202 Compendis, outlines, systems

203 Dictionaries, cyclopedias

204 Essays, lectures, disputations, addresses

See also 252 Sermons

205 Periodicals, magazines, reviews

206 Societies: transactions, reports, etc.

General conferences. Societies whose work is largely done by paid officers, most members merely contributing money; e. g. Pan-evangelical alliance, Bible and tract societies. Put history, reports, etc. here, but their publications of course go with subject

207 Education: theologic seminaries, training schools

Divided like 940-999

208 Polygraphy: collected works, extracts, etc.

Many collections go under a more specific head; e. g. 240

209 History of religion

General, including ecclesiastic antiquities, statistics, etc. See also 270 for Christian religion, and 274-279 for Christian antiquities of special countries

## 210 Natural theology

Concerns evidence in nature exclusiv of revelation, also Christian or skeptic discussion of specific topics (211-214, 216-218). For general defense of Christian theology, see 239 Apologetics, subdivided according to kind of criticism

211 Deism and atheism

Skepticism. Infidelity. Rationalism, etc.

Atheism denies existence of God. Deism accepts existence, but denies revelation and rejects Christianity. Theism believes in a god supernaturally revealed, e. g. Judaism, Mohammedanism, Buddhism, etc. Arguments from nature in support of any of these views go here

See also 231 Christian theism; 239 Apologetics; 273.8 Agnostic heresy; 149.7 Agnosticism

212 Pantheism Theosophy

See 147 Pantheism; 129.5 Origin of soul

213 Creation

See 113 Cosmology

Evolution

See 575 Science

From religious viewpoint; attempts to harmonize *Genesis* and geology. See also metaphysics, 113 Cosmology; and natural science, 575 Evolution

214 Providence

See 231.5 Doctrins

Theodicy

See 231.8 for Christian view

DECIMAL CLASSIFICATION

- 215 Religion and science See 239.8 Apologetics  
 Antagonism or reconciliation between science and Bible religion. Pro and con arguments by scientists. Bridgewater treatises. For creation, see 213
- 216 Evil Depravity See 149.6 Pessimism; 233.2 Sin
- 217 Prayer Prayer gage See 264.1 Prayer; 248 Personal religion  
 Tests of efficacy of prayer
- 218 Future life Immortality Eternity  
 See 237 Future state; 128 The soul
- 219 Analogies Correspondences See also 169 Logic
- 220 **Bible . General works**  
 For similar works limited to Old or New Testament, or individual books, see specific hed below
- .1 Canon Inspiration Authorship Profecy
- .2 Concordances Analyses
- .3 Dictionaries Cyclopedias
- .4 Original texts and early versions Codices  
 Heds for old and new testaments are given, as they are also used for 221 and 225
- .42 Chaldee
- .43 Syriac
- .44 Hebrew
- .45 Samaritan
- .46 Other Semitic: Ethiopic, Arabic, etc.
- .47 Latin, Itala, Vulgate
- .48 Greek, Septuagint Aquila, Symmachus, Theodotion  
 Hexapla
- .49 Other early versions: Armenian, Coptic, Gothic, etc.  
 220.4 and 220.5 are pure texts. A Hebrew bible with commentary goes in 220.7 with reference from 220.44
- .5 Versions of Bible Polyglots Divide by languages, like 400  
 These are translations from the original Hebrew and Greek. Translations from other early texts go with them in 220.4; e. g. an English translation of the Syriac goes in 220.43
- .6 Hermeneutics Exegesis Symbolism Typology
- .7 Commentaries on whole Bible, and annotated editions  
 For notes, etc. on portions of the Bible, see the most specific hed in 221-229
- .8 Special topics  
 Divided like general Classification; e. g. natural science of the Bible in 220.85
- .9 Biblical geograpy and history
- .91 Biblical geograpy, description, etc.  
 See 915.69, 913.33 Palestine
- .92 Scriptural biography  
 See also 922.1; 232.9 Lives of Christ
- .93 Antiquities, archeology  
 See also 296 Jewish religion; 933 History of Jews
- .94 Chronology
- .95 History  
 See 933 Jews

RELIGION

221 Old Testament: texts, introductions, etc.

Divided like 220; e. g. 221.7 Commentaries on Old Testament

222 Historical books

- .1 Pentateuch
- .11 Genesis
- .12 Exodus
- .13 Leviticus
- .14 Numbers
- .15 Deuteronomy
- .16 Decalog
- .2 Joshua
- .3 Judges and Ruth
- .4 Samuel
- .5 Kings
- .6 Chronicles
- .7 Ezra
- .8 Nehemiah
- .9 Esther

223 Poetic books

- .1 Job
- .2 Psalms
- .3 Authorship and chronology
- .4 Special groups  
Messianic; Greater Hallel; Lesser Hallel; Vesper psalms; Penitential, 6, 32, 38, 51, 102, 130, 143; Hebraic five books, Psalms 1-41; 42-72; 73-89; 90-106; 107-150
- .5 Liturgic use by Christians      Metrical versions  
See 264.038 Anglican psalter; 245 Hymnology
- .6 Commentaries on psalms
- .7 Proverbs
- .8 Ecclesiastes
- .9 Song of Solomon, or Canticles

224 Profetic books

- .1 Isaiah
- .2 Jeremiah
- .3 Lamentations
- .4 Ezekiel
- .5 Daniel
- .6 Hosea
- .7 Joel
- .8 Amos

DECIMAL CLASSIFICATION

- 224.9 Other minor prophets
  - .91 Obadiah
  - .92 Jonah
  - .93 Micah
  - .94 Nahum
  - .95 Habakkuk
  - .96 Zephaniah
  - .97 Haggai
  - .98 Zechariah
  - .99 Malachi
- 225 New Testament: texts, introductions, etc.
  - Divided like 220
- 226 Gospels and Acts
  - .1 Harmonies
  - .2 Matthew
  - .3 Mark
  - .4 Luke
  - .5 John
  - .6 Acts of the apostles
  - .7 Miracles
  - .8 Parables
  - .9 Lord's prayer
- 227 Epistles
  - .1 Romans
  - .2 Corinthians 1
  - .3 Corinthians 2
  - .4 Galatians
  - .5 Ephesians
  - .6 Philippians
  - .7 Colossians
  - .8 Other Pauline epistles
    - .81 Thessalonians 1
    - .82 Thessalonians 2
    - .83 Timothy 1
    - .84 Timothy 2
    - .85 Titus
    - .86 Philemon
    - .87 Hebrews

## RELIGION

### 227.9 Catholic epistles

- .91 James
- .92 Peter 1
- .93 Peter 2
- .94 John 1
- .95 John 2
- .96 John 3
- .97 Jude

### 228 Apocalypse

### 229 Apocrypha

- .1 Esdras 1, 2
- .2 Tobit, Judith, Esther
- .3 Wisdom
- .4 Ecclesiasticus
- .5 Baruch, Epistle of Jeremy, Song of the three children
- .6 Story of Susanna, History of Bel and the dragon, Prayer of Manasses
- .7 Maccabees 1, 2, 3, 4
- .8 Pseudo gospels
- .9 Apostolic epistles and canons      Clementines      See 281.1

## 230 Doctrinal Dogmatics Theology

General doctrinal works may be subdivided by churches like 280-289. See also 252.3  
Class here polemics either offensiv or defensiv, when distinctly doctrinal; but class in 280 history of a sect, even if largely controversial and of a limited period. Class controversy about a special doctrin with its subject; e.g. controversy on the atonement 232.3

### 231 God Unity Trinity

- .1 God the Father, Creator
- .2 God the Son, Redeemer  
Second person of the Trinity, irrespectiv of his appearance on earth as the historic Christ
- .3 God the Holy Ghost, Giver of Life, Sanctifier
- .4 Divine attributes: omniscience, omnipresence, omnipotence
- .5 Divine providence      See also Natural theology 214
- .6 Divine love and wisdom
- .7 Divine law and miracles
- .8 Theodicy  
Vindication of God's justis in permitting evil. See also Natural theology, 214
- .9

DECIMAL CLASSIFICATION

- 232 Christology
- .1 Incarnation Messiah
  - .2 Logos, the Word of God
  - .3 Atonement
  - .4 Sacrifice
  - .5 Resurrection
  - .6 Second coming See also 286.7 Second adventist
  - .7 Judgment
  - .8 Divine humanity  
Divinity of the man Jesus, pro and con
  - .9 Lives of Christ
- 233 Man
- .1 The fall
  - .2 Sin
  - .3 Moral and spiritual heredity  
See also Biology, 575.1; Psychology, 136.3; Metaphysics, 129.2
  - .4 Accountability
  - .5 Natural and spiritual body
  - .6 Personality See also Metaphysics, 126
  - .7 Freedom See also 234.9; 123; 159
  - .8
  - .9
- 234 Salvation Soteriology
- .1 Grace
  - .2 Faith
  - .3 Redemption
  - .4 Regeneration
  - .5 Repentance
  - .6 Obedience
  - .7 Justification
  - .8 Sanctification
  - .9 Predestination and freewill See also 233.7; 123; 159
- 235 Angels Devils Satan
- 236 Eschatology Last things
- .1 Deth
  - .2
  - .3 Millennium
  - .4 Intermediate state Sheol Hades
  - .5 Purgatory
  - .6 Paradise Limbus patrum
  - .7 Limbo Limbus infantum
  - .8 Resurrection
  - .9 Judgment See also Christology, 232.7

RELIGION

- 237 **Future state** See also Natural theology, 218
- .1 **Eternity**
  - .2 **Immortality**
  - .3 **Conditional immortality**
  - .4 **Heven**
  - .5 **Hell Gehenna**
  - .6 **Retribution Future punishment**
  - .7 **Eternal punishment** See also 289.1 Universalists
- 238 **Creeds Confessions Covenants Catechisms**  
Divided more closely if wisht like 280-289; e. g. 238.19 Greek church
- .1 **Apostles, Nicene, and Athanasian creeds**
  - .2 **Creed of Pius 4 (Trent) and later Roman**
  - .3 **Anglican 39 articles, A. D. 1551** See also 264.037 Liturgy
  - .4 **Continental protestant Lutheran Calvinist Dort**
  - .5 **Westminster Saybrook Cong'l Cambridge Savoy**
  - .6-.9 **Of other sects** Divided like 286-289
- 239 **Apologetics Evidences of Christianity**  
If preferd, courses of apologetic lectures may be kept together; e. g. 239.01 Bampton; .02 Boyle; .03 Hulsean; .04 Bohlen; .05 Paddock; .08 Miscellaneous. More usefully each book is clast under the most specific hed that will contain it  
See also natural theology 211-218 and doctrins 231-237 for discussion of separate topics
- .1 **Apostolic age**
  - .2 **Against the Jews**
  - .3 **Against the heathen**
  - .4 **Against the Neo-Platonists** See 273.1 Gnostic heresy
  - .5 **Against the English and Scotch delists** See 211 Deism
  - .6 **Against the French encyclopedists**
  - .7 **Against the rationalists**  
See 211 Natural theology; 273.8 Agnostic heresy; 149.7 Agnosticism
  - .8 **Against the scientists** For nonchristian view, see 215
  - .9 **Other special denials**

- 240 Devotional Practical**
- 241 **Didactic**  
Specifying the Christian's duty to do and to avoid For Catechisms see 238
- 242 **Meditativ, contemplativ**  
Consolatory. See also 248 Personal religion
- .1 **Thomas à Kempis**
- 243 **Hortatory, evangelistic**  
Urging sinners to Christian repentance
- 244 **Miscellany: religious novels, Sunday school books, allegories, satires, etc.**  
But class Bunyan in 823.42 because of his literary prominence
- 245 **Hymnology Religious poetry**  
Hymns without music. For hymns with music see 783.9  
Divided by languages, like 800, and then by churches, like 280, if denomination is clearly marked  
See also 223.5 Psalms; 264.038 Psalter
- 246 **Ecclesiology Symbolism Religious art**  
246-7 cover religious bearings. For art side see 700
- .1 **Byzantine and Gothic ecclesiology**  
See 723 Medieval architecture; 726 Religious architecture
- .2 **Primitiv church and heathen art**
- .3 **Images in churches Iconoclasts**
- .4 **Protestantism and religious art**
- .5 **Emblematic and cryptographic art: catacomb symbols**
- .6 **Liturgic symbolism: altar, colors, lights**  
See also 264, Public worship
- .7 **Evangelistic use of music and art, pictorial and plastic: Della Robbias**
- .8 **Eucharistic music: Ambrose, Gregory the Great Later development** See also 783 Sacred music; 264.2 Public worship
- .9
- 247 **Sacred furniture Vestments Vessels Ornaments, etc.**
- .1 **Font Baptistry Lectern Pulpit**
- .2 **Tabernacle Rood screen Reredos**
- .3 **Sculpture and mortuary design**  
See 718 Monuments; 726.8 Mortuary buildings; 730 Sculpture
- .4 **Illumination Mosaics Enamels Stained glass**  
See also 745 Ornamental design; 748 Stained glass
- .5 **Fresco and religious painting** See also 750 Painting
- .6 **Pallium Miter Crozier Ring**
- .7 **Vestments and altar cloths**
- .8 **Eucharistic vessels** See also 265.3 Sacraments
- .9 **Ornaments, etc: crucifix, banners, thurible, incense**



RELIGION

- 248 Personal religion Asceticism  
See also 273.2 Ascetic heresy
- 249 Family devotions See 264 Public worship
- 250 **Homiletic Pastoral Parochial**
- 251 Homiletics Preaching See 264.6 Public worship  
Divided like 252, for matter about special kinds of sermons
- 252 Sermons  
When too varied for any of the subheds .1-.9, may be divided with .0 by churches and sects, like 280; e. g. protestant episcopal sermons 252.03, but a collection of bishop's addresses 252.1. Sermons on specific topics ar more useful, like other pamphlets, clast with the topics, e. g. a sermon on family devotions is 249, not 252.4; on strikes, 331.89. Tho the 9 heds below ar for collections and cross references, they may be used for separate sermons if preferd
- .1 Episcopal charges Pastorals
- .2 Controversial Polemic
- .3 Doctrinal Dogmatic See also 230 Dogmatics
- .4 Practical Devotional
- .5 Academic Educational See also 378.7 Baccalaureates
- .6 Political Public occasions and duties  
Thanksgiving and Fast day
- .7 Consecration Ordination Installation  
See also 265.4 Ordination; 265.9 Consecration; 262.16 Orders
- .8 Expository
- .9 Memorial Obituary Biografic Historical  
Memorial of a special church goes with that church in 280. See also 920 Biografy
- 253 Pastoral visitations, evangelistic
- 254 Cleric support Celibacy  
See also 176.2 Sexual ethics; 248 Asceticism; 613.89 Hygiene
- 255 Brotherhoods Sisterhoods  
In the parish. For Monastic orders, see 271
- 256 Societies for parish work: gilds, sodalities  
Local societies. Discussion of desirability of such work. For general societies see 266 and 267
- 257 Parochial schools Libraries, etc.  
See also 377.5 Education; 027.8 Parish libraries
- 258 Parish care of sick, fallen, etc.  
See 265.8 Ministry of sick; 176.5 Social evil
- 259 Other ministrations and work

DECIMAL CLASSIFICATION

**260 Church Institutions and work**

**261 The church**

Its influence on morals, civilization, etc. Relation to social questions, laboring classes, etc.

.1

.2

.3

**Church vs barbarism**

.4

**Church and morals**

.5

**Church and intellectual development**

See also 377.8 Education

.6

**Church and civilization**

.7

**Church and civil government**

See 172.3 State ethics; 322 Church and state

.8

**National churches vs organic unity**

.9

**262 Ecclesiastic polity**

.1

**Ministry**

.11

Apostolic succession

.12

Episcopate

.13

Papacy Primacy

Papal supremacy; infallibility, 18 July 1870

.14

Priest

Presbyter

Minister

Lay ministry

.15

Deacon

Deaconess

Evangelist

.16

Orders

Ordination

See 265.4 Sacraments; 252.7 Sermons

.17

Episcopal

.18

Presbyterian

.19

Congregational

.2

**Parish Congregation**

See 250 for Parochial work

.3

See **Diocese Cathedral system**

.4

**Council Synod Presbytery Congregation Convention**

Polity only, here. Proceedings go with churches, 281-9

.5

**General or ecumenic council**

See also 270.2

.6

Canons

Decrees

.7

**Traditions**

.8

**Authority**

Church and ministerial

Private judgment

.9

**Disciplin**

Courts

Trials

For Canon law see 348

**263 Sabbath Lord's day Sunday**

.1

**Hebraic sabbath**

.2

**Modern sabbath Seventh day**

.3

**Lord's day Christian Sunday**

.4

**Sunday observance**

.5

Work

.6

Amusement

.7

Opening libraries and museums

See also 024.4 Library rules

.8

**Sunday laws**

.9

## 264 Public worship Divine servis Ritual

Prayer books. See also 246 Ecclesiology; 247 Sacred furniture. General works are divided with .o by churches like 280; e. g. Roman catholic prayer book 264.02 Under various churches the services may be further divided, as e. g.

- .03 Anglican and American P. E. ritual
- .031 Calendar Festivals and fasts See also 529.6 Chronology
- .032 Lectionary and rubrics
- .033 Morning prayer Litany
- .034 Evening prayer Vespers Compline
- .035 Sacraments, ordinances, and services See also 265 Sacraments
- .036 Collects, epistles and gospels
- .037 Ordinal Articles Creeds See also 238.3 Creeds, doctrines
- .038 Psalter and other See 223.5 Psalms; 245 Hymnology
- .039 History of successiv prayerbooks
- .1 Prayer Extempore Liturgic  
See also 248-249 Private and family prayer
- .2 Music Singing Instrumental Praise meeting  
See also 783 Sacred music; 246.7, 246.8 Ecclesiology
- .3 Scripture readings
- .4 Antiphonal or responsiv readings
- .5 Confessions of faith Creeds See also 238 Creeds
- .6 Sermons Exhortations Instructions  
See also 251 and 252 Preaching and sermons
- .7 Prayer and conference meetings
- .8 Class and covenant meetings Love feasts
- .9 Sacramentals See also 265 Sacraments

## 265 Sacraments Ordinances

- .1 Baptism
- .2 Confirmation Church fellowship
- .3 Eucharist Holy communion Sacrifice
- .4 Holy orders Ordination See also 262.16 Ministry; 252.7 Sermons
- .5 Marriage See also 173 Ethics of the family
- .6 Penance Confession Absolution
- .7 Extreme unction Viaticum
- .8 Ministry of sick and ded: faith cure, healing, burial
- .9 Consecration Dedication See 262.16 Ordination; 252.7 Sermons

## 266 Missions: home and foren

Subdivided by churches, like 280. See also 269 Parish missions; 377.6 Missionary schools

Missions in special countries or places covering the work of several sects go under the geografically divided Religious history 274-279. The mission of a single sect in a special country or place goes with the history of the sect in 282-289

267 Associations

General societies demanding of members active personal work. For local societies, see 256. For Bible, tract, and similar general societies see 206

- .1 Religious societies of both men and women
- .11 U. S. Christian commission
- .15 Salvation army
- 267.2 Religious societies of men
  - For Y. M. C. A. see 267 .3; missionary societies, 266; ministerial education societies 207; Bible societies, 206
  - .21 17th century or earlier
  - .22 18th century
  - .23 19th century; interdenominational and undenominational
  - .231 In educational institutions
    - Divided like 940-99. If preferred, cancel .231 and put all together in .234-9.
    - For work of Y. M. C. A. see 267.361
  - .232 Nasmith societies
  - .233 Young men's Christian unions; i. e. not "evangelic," etc.
  - .234-.239 Others Divided like 940-99
  - .24 19th century; denominational
  - .241 In educational institutions
    - Divided like 282-289. If preferred, cancel .241 and put all together in .242-9. For work of Y. M. C. A. see 267.361
  - .242-.249 Others Divided like 282-289
- .3 Young Men's Christian associations
  - Active membership confined to members of "evangelic" churches
  - To shorten the number, X may be used for 267.3 thruout; i. e. X 19 would mean "Work in small towns"
  - .31 Objects, field and extension
    - .311 Need and objects
    - .312 Limits: for and by young men and distinctively religious
    - .313 Relation to the church
    - .314 International work
    - .315 National work
    - .316 State work
    - .317 District work
    - .318 Work in towns able to support a general secretary
    - .319 Work in small towns
  - .32 Buildings See also library buildings 022
    - .321 Location Provision for growth
    - .322 Materials and protection against fire
    - .323 Plans Number, size and arrangement of rooms
    - .324 Reception, social rooms and parlors
    - .325 Library Reading, lecture, and class rooms See 022
    - .326 Administration and special rooms Boys' rooms
    - .327 Physical culture rooms
    - .328 Lighting, heating, and ventilation
    - .329 Fixtures, furniture, and fittings

Methods only.  
For history, reports  
and periodicals see  
267.39; for secre-  
taries see 267.341

RELIGION

- 267.33 **Organization**
- .331 Incorporation Constitution and bylaws
- .332 Branches and suborganizations Including women's work for young men
- .333 Managers Officers serving without pay
  - 1 Trustees (in charge of real estate)
  - 2 Directors
  - 3 President
  - 4 Treasurer
  - 5 Recording secretary
  - 6 Executiv or corresponding secretary
- .334 Standing committees
  - 1 Importance; enlistment and composition
  - 2 Principles and methods of organization
  - 3 Names and duties See also Department work, 267.35
- .335 Membership
  - 1 Membership committee
  - 2 Classes of membership
  - 3 Securing and retaining members
  - 4 Development of activ members
  - 5 Associate membership and its relations
    - For members' meeting see Social work, 267.3544
- .34 **Salaried officers: duties, qualifications, training**
- .341 General secretary and assistants
  - Including international and state secretaries. See also 267.314- 316
  - 1 Offs and work
  - 2 Qualifications
  - 3 Relationship
    - 31 To churches and pastors
    - 32 To officers, directors, and committees
    - 33 To other employees
    - 34 To the members
    - 35 To the religious work
    - 36 To the business community
    - 37 To fellow secretaries
  - 4 Personal hints
    - 41 Considering a call and beginning work
    - 42 Spiritual and intellectual growth and health
    - 43 Offs work, system, and economy
    - 44 Personal appearance and conversation
    - 45 Ladies' company
    - 46 " Secretarialism "
- .342 Librarian and assistants
  - May be divided like 267.341. See also Library administration, 025 and 267.3532
- .343 Physical director and assistants
  - May be divided like 267.341. See also 267.355 and 613 7
- .344 Other salaried officers
- .345 Training; need and methods, demand and supply
- .346 Training schools
- .347 Training by apprenticeship
- .348 Institutes
- .349 Conferences

} Methods only; for reports see 267.39

DECIMAL CLASSIFICATION

- 267.35 Local work by departments**
- .351 Business department
    - 1 Finance committee
    - 2 Annual budget
    - 3 Endowments and other sources of income
    - 4 Solicitation, collection and disbursement
    - 5 Financial bookkeeping
    - 6 Debt, taxes, etc.
    - 7 Records and statistics
    - 8 Advertizing, including anniversaries and parlor conferences
    - 9 Printed matter Including bulletin, prospectus, etc.
  - .352 Religious department
    - 1 Committees
    - 2 Individual Bible study Methods and helps
    - 3 Bible classes
    - 4 Training classes Personal work
    - 5 Bible readings Song services
    - 6 Evangelistic meetings
    - 7 Social religious meetings
    - 8 Other meetings in the rooms
    - 9 Work outside the rooms
      - In public institutions, sermons to young men, distribution of religious papers, invitations, etc.
  - .353 Educational department
    - 1 Committees
    - 2 Library See 267.342 and 025
    - 3 Reading room
    - 4 Classes
    - 5 Lectures and talks
    - 6 Literary societies
  - .354 Social department
    - 1 Committees
    - 2 Reception committee
    - 3 Social rooms and fittings See 267.32
    - 4 Receptions Socials Entertainments
    - 5 Music
    - 6 Amusements Including games of skill See also 794
  - .355 Physical department
    - 1 Committees
    - 2 Aim and benefit of department
      - For Physical director see 267.343; Equipment, methods, etc. 613.7
  - .356 Information, relief, etc. department
    - 1 Boarding house bureaus
    - 2 Employment bureau
    - 3 Savings bureau
    - 4 Visitation of sick
    - 5 Destitute young men
  - .357 Boys department
    - 1 Committees
    - 2 Religious work
    - 3 Educational work
    - 4 Social work
    - 5 Physical work
    - 6 Information, relief, etc.
  - .358
  - .359 Janitor's department: bilding; care, cleaning, safety Police

RELIGION

- 267.36 Work among special classes**  
 Y. M. C. A. only; other religious societies of men go in 267.2
- .361 College and school
    - 1 History and methods in general
    - 2 International reports Including Northfield meetings
    - 3 International periodicals
      - For state and sectional reports and periodicals see 267.39
  - .362 Railroad employees
    - 1 History and methods in general
    - 2 International reports
  - .363 Commercial travelers
  - .364 Foren-speaking
    - Divided like 400; e. g. 3 German, 4 French, 5 Italian, etc.
  - .365 Negroes
  - .366 American Indians
  - .367 Soldiers U. S. Christian commission, 267.11
  - .368 Sailors
  - .369 Other Policemen, firemen, fishermen, lumbermen, mutes, etc.
  - .39 **History, reports, periodicals, etc.** For methods see 267.314-319
  - .391 International history
  - .392 International reports, etc.
 

<ul style="list-style-type: none"> <li>1 Reports</li> <li>2 Other pamphlets</li> </ul>	} Reports, etc. of international college and railroad work go in 267.361-.362
--	---
  - .393 International periodicals International college periodicals, 267.3613
  - .394-399 Special countries Divided like 940-999
  - .4 Religious societies of women**
  - .41
  - .42
  - .43 19th century; interdenominational and undenominational
  - .43<sup>1</sup>
  - .432 **Women's Christian associations**
    - Divided like 267.3. To shorten the number, W may be used for 267.432 thruout; e. g. W 1 would mean 'Objects, field and extension'
  - .433 **King's daughters**
  - .44 19th century; denominational Divided like 282-289
  - .5 Young Women's Christian associations**
    - Activ membership confined to members of 'evangelic' churches
    - Divided like 267.3-399
    - To shorten the number Y may be used for 267.5; e. g. Y3, Organization, insted of 267.53
  - .6 Religious societies of young people** For Sunday schools see 268
  - .61 Interdenominational and undenominational
  - .613 **Young people's society of Christian endeavor**
    - 1 Reports, etc.
    - 2 Periodicals
  - .62 Denominational Divided like 282-289
  - .7 Religious societies of boys** Not Y. M. C. A. Divided like 267.6
  - .8 Religious societies of girls** Not Y. W. C. A. Divided like 267.6
- 268 Sunday schools**  
**269 Revivals Retreats Parish missions**

## 270 Religious history

### *Ancient period: to conversion of Germans*

See 281.1-281.4, for collected works of early theologic writers, etc. 270 is for religious history of these periods

For religious history of special countries, either general or for special periods, see country divisions, 274-279; e. g. English reformation, 274.2

- |     |                                    |  |                |
|-----|------------------------------------|--|----------------|
| .1  | <b>Apostolic</b>                   | <b>Nativity to Constantine</b>                                     |                |
| .2  | <b>Period of ecumenic councils</b> | <b>Centralization</b>  | <b>325-787</b> |
|     |                                    | The Greek church acknowledges these 7 councils as really Ecumenic. | Anglicans      |
|     |                                    | § generally recognize only the first 6. See also 262.5 Polity      |                |
| .21 | First of Nice                      | A. D. 325  |                |
| .22 | First of Constantinople            | 381  |                |
| .23 | First of Ephesus                   | 431  |                |
| .24 | Chalcedon                          | 451  |                |
| .25 | Second of Constantinople           | 553  |                |
| .26 | Third of Constantinople            | 680-81   |                |
| .27 | Second of Nice                     | 787  |                |

### *Medieval period: Charlemagne to Luther*

- |       |                       |  |                  |
|-------|-----------------------|--|------------------|
| 270.3 | <b>Charlemagne</b>    | <b>Papacy vs empire</b>  | <b>787-1054</b>  |
|       |                       | Church planted among the Germans. Feudalism. Great schism, east vs west, 1054  |                  |
| .4    | <b>Hildebrand</b>     | <b>Roman supremacy</b>   | <b>1054-1200</b> |
|       |                       | Temporal power. Scholasticism. First 3 crusades  |                  |
| .5    | <b>Later medieval</b> | <b>Renaissance</b>   | <b>1200-1517</b> |
|       |                       | Innocent 3. Papal schism. Avignon. Nominalism vs realism. Greek church under Moslems. Education. Arts. Inventions. Pre-reformation |                  |

### *Modern period: Reformation to present*

- |    |                            |   |                  |
|----|----------------------------|---|------------------|
| .6 | <b>Reformation</b>         | <b>Counter reformation</b>  | <b>1517-1648</b> |
|    |                            | Council of Trent, A. D. 1545-63. Diet of Augsburg. Luther. Melancthon. Calvin. Knox. Religious wars. Jesuit missions in east. See also reformation in England, etc. 274.2 |                  |
| .7 | <b>Peace of Westphalia</b> | <b>to French revolution</b>   | <b>1648-1789</b> |
|    |                            | Union of church and state. Deism. Materialism   |                  |
| .8 | <b>Modern</b>              | <b>Rationalistic</b>  | <b>1789-</b>     |
|    |                            | Holy alliance. Greek church in Russia. Atheism. Pantheism. Protestant missions  |                  |

## 271 Monastic orders Monasteries

Including monasticism and monastic foundations

See also 255 Brotherhoods; 726.7 Architecture of monasteries, etc.

- |      |                     |                |             |
|------|---------------------|----------------|-------------|
| .1   | <b>Benedictines</b> | <b>founded</b> | <b>529</b>  |
| .12  | Cistercians         | "              | 1098        |
| .125 | Trappists           | "              | 1150        |
| .2   | <b>Dominicans</b>   | "              | <b>1170</b> |
| .3   | <b>Franciscans</b>  | "              | <b>1182</b> |
| .36  | Capuchins           | "              | 1525        |
| .4   | <b>Augustinians</b> | "              | <b>1256</b> |
| .5   | <b>Jesuits</b>      | "              | <b>1540</b> |



RELIGION

- 271.6 **Passionists, 1720**      **Redemptorists, 1732**
- .7 **Lesser Roman orders**
- .71 Carthusians, founded A. D. 1086
- .73 Carmelites 12th century
- .75 Sulpicians, 1642
- .76 Oblates
- .77 Lazarists, 1624
- .78 Christian Brothers, 18th century De la Salle
- .79 Other lesser Roman orders
- .8 **Anglican brotherhoods**
- .9 **Sisterhoods**
- .91 Sisters of Charity Vincent de Paul founded A. D. 1629
- .92 Sisters of Mercy Augustinian " " 1831
- .93 Ladies of the Sacred Heart Jesuit " " 1800
- .94 Sœurs de bon Secours Nurses
- .95 Little Sisters of the Poor
- .96 Contemplativ Cloisterd nuns
- .97 Other Roman sisterhoods
- .971 Carmelites
- .972 Second of St Dominic
- .973 Franciscans
- .974 Ursulines A. D. 1537
- .975 Of the Visitation " 1610
- .976 Of St Joseph " 1650
- .977 Of the Presentation " 1777
- .98 Anglican sisterhoods
- .99 Other protestant orders Deaconesses (Kaiserwerth)
- 272 **Persecutions**
- See also special sects, 280; and history of special countries, 940-999
- .1 **Apostolic church by imperial Rome 1st-4th century**
- .2 **Heretics by Inquisition or Holy Offis Since 1470**
- .3 **Waldenses and Albigenses 11th-12th century**  
By Roman church. See also 283.4, Protestant sects
- .4 **Huguenots French protestants**  
By Roman church. St Bartholomew, 1572. Edict of Nantes, 1598; revocation, 1685  
See also 284.5 Protestant sects
- .5 **Molinists and Quietists**  
By Roman catholics. Close of 16th century to destruction of Port Royal, A. D. 1709. See also 273.7 Hereaies
- .6 **Marian Anglican reformers by Mary A. D. 1553 58**
- .7 **Elizabethan Later 16th century**  
Persecution of Roman church by Anglicans
- .8 **Quakers Baptists Witches Later 17th century**  
Persecutions by puritans. See also 133.4 Witchcraft
- .9 **Other persecutions**

DECIMAL CLASSIFICATION

273 Heresies

For the history of special doctriens see 230-239, Doctrinal theology

- .1 **Gnostic First 3 centuries**  
Reaction of pantheism and heathen philosophy on Christianity. See also 189.1 Gnostic philosophy; 186.4 Neo-Platonism; 239.4 Apologetics
- .2 **Manichæism Parsee dualism 3d century**  
Opposition of good and evil. Mystic. Ascetic. See also 149.3 Mysticism; 248 Asceticism; 289.8 Shakers, Mystics
- .3 **Sabellian**  
That the Trinity is not of persons, but of successive manifestations. About 250 A. D. Held by Schleiermacher, Bushnell, Swedenborg
- .4 **Arian Denying divinity of Christ 4th century**
- .5 **Pelagian 5th century**  
Denying original sin and supernatural grace
- .6 **Antinomian 16th century**  
Denying force of law, under Gospel dispensation
- .7 **Molinist and Jansenist Pietists A. D. 1580-1700**  
Port Royal. Augustine's doctrine of grace vs the Roman doctrine of good works
- .8 **Agnostic**  
Denying possibility of revelation. Holding that theology and the supernatural lie outside the domain of human knowledge. See also 149.7 Philosophy; 211 Atheism; 239 Apologetics
- .9 **Minor heresies**

274-279 General religious history by countries

274-279 is divided geographically like 940-999

280 **Christian churches and sects**

281-289.8 may be subdivided where needed like 940-999

281 **Primitive and Oriental churches**

See also 270.1-270.3, Early religious history

- .1 **Apostolic church, to time of great schism, A. D. 1054**  
Works of apostolic and Christian fathers here; use 270 for religious history of these periods. See also 229.9 Apocryphal books
- .2 **Primitive apostolic, to end of first century**
- .3 **Ante-Nicene, A. D. 100-325** See also 270.1
- .4 **Post-Nicene, A. D. 325-1054** See also 270.2-3
- .5 **Oriental churches**
- .6 **Armenian**
- .7 **Coptic**
- .8 **Nestorian**
- .9 **Eastern or Greco-Russian or Holy orthodox church**  
The great schism, mutual excommunication, A. D. 1054, separates the Catholic church into Eastern and Western churches, which from this time have separate histories

282 **Western or Roman catholic church**

Divided geographically like 940-999

283 **Anglican and American P. E. church**

Divided geographically, when needed, like 940-999; e. g. the Anglican church in Australia is 283.94; in India, 283.54

RELIGION

284 Continental protestant sects Protestantism

- .1 **Lutheran Reformd** See also 285.7, Reformd church in America  
German reformd church in United States
- .2 **Calvinist Zwinglian** See 285, and 286.1
- .3 **Hussites Anabaptists Leyden** See 286.1
- .4 **Albigenses Waldenses Vaudois** See 272.3
- .5 **Huguenots** See 272.4
- .6 **Moravian**
- .7 **Scandinavian Swedish**
- .8 **Old catholic**  
Here are clast those denying papal infallibility, or for other cause cut off from Rome, tho catholic in other respects
- .9 **Other**

285 Presbyterian Reformd Congregational

Next 2 subdivisions are sectarian, not geografic

- .1 **Presbyterian church in America**  
Subdivided geograficly; e. g. 285.173 Presbyterian church in United States, 285.175 Southern presbyterian church
- .2 **Presbyterian church in Great Britain**
- .3 **Cumberland presbyterian**
- .4 **United presbyterian**
- .5 **Reformd presbyterian**
- .6 **Minor presbyterian sects**
- .7 **Reformd (Dutch) church in America** e. g. 285.77471, in N. Y. city

.8 Congregational

.9 Puritanism

286 Baptist Immersionist

- .1 **Calvinistic or Regular**  
Including Arminian or general baptists, reunited with Calvinistic in 1801
- .2 **Free wil**
- .3 **Seventh day**
- .4 **Old school (Primitiv, Antimission or Hardshel)**
- .5 **Other baptist sects**  
May be clast if preferd with any of the larger sects which they most closely resemble or of which they ar offshoots
- .6 **Disciples (Campbellite or Christian)**
- .7 **Adventists**
- .9 **Other immersionists**

DECIMAL CLASSIFICATION

287 Methodist

- .1 Wesleyan methodist
- .2 Calvinistic methodist
- .3 Welsh Calvinistic methodist
- .4 Primitiv methodist
- .5 Primitiv Wesleyan
- .6 Methodist episcopal
- .7 Methodist protestant
- .8 African methodist
- .9 Minor methodist sects

288 Unitarian See also 273.4

289 Other Christian sects

- .1 Universalist
- .2
- .3
- .4 New church or Swedenborgian
- .5 Christian science
- .6 Quaker Friends Hicksites
- .7 Mennonite
- .8 Shaker Mystic For Mystic heresy see 273.2
- .9 Minor Christian sects

290 **Ethnic and other religions**

Including comparativ religion and general histories of religion where an equal or minor place is given to Christianity

291 Comparativ and general mythology

- 292 Greek and Roman mythology
- 293 Teutonic and Northern mythology

294 Brahmanism Buddhism

For other Indic religions, see 299.11. See also 891.2 Sanskrit literature; 177.5 Caste

295 Parseeism Zend Avesta

For other Iranic religions, see 299.15. See also 891.52 Zend literature

296 Judaism For other Semitic religions, see 299.2

297 Mohammedanism

298 Mormonism See also 173.2 Polygamy

299 Minor nonchristian religions

Subdivided ethnically like 491-499; e. g. Egyptian religion, 299.31; Afghani religion, 299.158

# Sociology

## 300 Sociology in general

301-309 all have Sociology in general as their subject, but it is treated in these various forms. A periodical on Education is 370.5, not 305, which is only for periodicals on Sociology in general. In Sociology, most works in these forms are limited to one division; e. g. to Political economy, Education, Law, etc. All these have the same subdivision of General works; i. e. essays on the various divisions are 310.4, 320.4, 330.4, and so on to essays on Manners and Customs in general, 390.4. A naught in any class number show the subject to be general, not specific

### 301 Philosophy, theories

See also 901 Philosophy of history; 320.1 Theory of state

### 302 Compendis, outlines

### 303 Dictionaries, cyclopedias, etc.

### 304 Essays, lectures, addresses

### 305 Periodicals, magazines, reviews

### 306 Societies: transactions, reports

### 307 Education: teaching, study, etc. See also 370

### 308 Polygraphy: collected works, extracts, etc.

Put here collected works of stateamen; e. g. works of Adams, Jefferson, etc.

### 309 History of social science

#### .1 Social surveys

Divided like 940-999 Better clast by general libraries in 914-919

## 310 Statistics

### 311 Theory, methods Science of statistics

Principles of tabulation, grafic charts, etc. Methods of gathering data

### 312 Population (progress of) Vital statistics: births, deths, mortality, longevity

See also 614.1 Registration and vital statistics

Statistics are divided geografcly like 930-999; e. g. Population of Maine 312.741

### 313 Special topics

### 314-319 General statistics Divided geografcly like 940-999

The statistics of any special matter are put with the subject, e. g. of Domestic animals in 636, of Shorthand in 653, of French novels in 843, of Theaters in 792, etc. Statistics too general to be included in any topic are divided by countries. Statistics of New York city would be 317.471, but the statistics of Medicin in New York would be put with 610. Medicin; i. e. the topic outranks the locality

**320 Political science**

- .1 Theory**
- .11 Origin of the state**
- .12 Nation and territory**
- .121 Ethnographic**
  - People of same race comprise the nation
- .124 Geographic**
  - Unity of territory
- .126 Expansion Acquisition of territory**
  - 1 By discovery**
    - 3 occupation and possession**
    - 5 cession Annexation**
    - 7 purchase or exchange**
    - 9 conquest or revolution**
- .127 Alienation of territory**
- .128 Frontiers Boundaries**
  - 1 Natural boundaries**
    - 2 Mountains**
    - 4 Rivers**
    - 6 Lakes**
    - 8 Coast**
    - 9 Artificial boundaries**
- .15 Nature, entity, concept of the state**
- .151 Juridic theory**
- .152 Political theory**
- .153 Social and evolutionary theories**
- .154 The state as a moral organism**
- .157 Sovereignty**
  - See also 341 International law
- .158 Allegiance Loyalty, etc. Patriotism**
  - See also state ethics 172.1 Duties of citizens
- .159 National growth and decay**
- .18 Symbolism, emblems: arms, flag, seal, etc.**
  - Better class in 929.8 and 929.9
- .2 Compends, statecraft**
- .3 Dictionaries**
- .4 Essays**
- .5 Periodicals**
- .6 Societies**
- .7 Education**
- .8 Polygraphy**
- .9 History of political science, divided like 930-999**

**321 Form of state**

- .01 Simple state Sovereign state**
- .02 Mixt state**
- .021 Federal state Bundestaat Federation**
- .022 Confederation of states Staatenbund**
  - Union of sovereign states Alliance
- .023 Suzerain states**
- .025 Semisovereign, dependent and vassal states**
- .026 Mediatized state**
- .027 Protected state**
  - Protectorates, spheres of influence
- .028 Vassal states**
- .03 Empire, imperialism**
- .04 World state**
- .041 Internationalism**

POLITICAL SCIENCE

- 321.07      **Ideal state      Utopias**
  - See also 335 Communism and socialism
- .09      **Change of form of state**
- .092      Revolution
- .094      Coups d'état
- .1      **Family      Patriarchal age**
- .2      **Tribes      Clans      Marks      Village communities**
  - See also 333.2 Community ownership of land
- .3      **Feudalism**
- .4      **Democracy**      Pure; e. g. Athens, town meeting
- .5      **Aristocracy**      e. g. Italian republic; medieval German cities
- .6      **Absolute monarchy**
- .7      **Constitutional monarchy**
- .8      **Republic**      Modern democracy, delegated powers
- 322      **Church and state**      See also 172.3, State ethics; 261.7, The church
  - Political aspects of combination or separation of state and church affairs
- 323      **Internal relations with groups and individuals**
  - .1      **Movement and questions of nationalities, races and languages**
    - Divided by country like 930-999; e. g. struggle of nationalities in Austria 323.1436
    - For immigrant nationalities in a country see 325
  - .2      **Political struggles and troubles**
    - Revolutions, revolts; riots, uprisings. See also 321.09
  - .3      **The state and social groups**
    - Classes, orders, estates
    - .31      Nobility, aristocracy; wealthy class
    - .32      Middle class, bourgeoisie
    - .33      Proletariat, laboring classes, peasantry
      - See also political economy, 331.8 Laboring classes
    - .34      Serfs      Villenage      See 326.3 Serfs and serfdom
  - .4      **The state and the individual**
    - Natural rights, individual rights, individualism
    - .41      Equality of individuals, races, etc.
    - .42      Equality before the law; justis, etc.
    - .43      Life
    - .44      Liberty
      - .441      Freedom of action
      - .442      "      "      conscience
      - .443      "      "      speech
      - .444      **Academic freedom**      See 378.121 Freedom of teaching
      - .445      Freedom of the press
        - See also Journalism 070.13; Administration 351.751
      - .446      Freedom of drama
        - "      "      art
    - .45      Family
    - .46      Property

DECIMAL CLASSIFICATION

- 323.47 Right of assembly, association
- .48 Right of petition
- .49 Limitation and suspension of individual rights and guaranties
- .491 Martial law
- .492 State of siege
- .6 **Citizenship**
- .61 Laws Divided by country like 930-999
- .62 Naturalization
- .63 Alien races and citizenship
- .64 Loss and restoration of citizenship
- .65 Duties and obligations of citizens  
Scholar as citizen
- .67 Rights of aliens
- .68 Eligibility to offis
- 324 **Suffrage**
- .1 **Qualifications, conditions and bases**
- .11 Age  
For sex see 324.3 Woman suffrage
- .13 Property  
Household suffrage
- .14 Education Competency Capacity
- .15 Nationality Race Religion
- .16 Residence, domicil  
Length of residence
- .162 Voting by soldiers
- .164 " " students
- .17 Exclusion from and suspension of suffrage
- .171 Incompetency, incapacity  
Insane, idiots See also 324.14
- 172 Bankruptcy
- 173 Pauperism
- 174 Conviction of crime; bribery, selling vote
- 177 Government servis  
Military servis: soldiers and sailors  
Civil servis, police officers
- .178 Other special classes  
Students, domestic servants, etc.
- .2 **Forms of suffrage Systems Voting, etc.**
- .21 Electoral systems
- .211 Universal suffrage
- .212 Partial suffrage, limited
- .213 Plural vote
- .214 Class vote, class system
- .215 Compulsory voting
- .216 Short ballot  
Aiming to reduce number of electiv offises



POLITICAL SCIENCE

- 324.22 Constituencies and representation of interests
  - .221 Single member constituency
    - Scrutin d'arrondissement
  - .222 Multimember constituency
    - Scrutin de liste, block vote, general ticket
  - .223 Minority representation
    - Single vote, limited vote, cumulativ vote, proxy system
  - .224 Proportional representation
    - Preferential: alternativ, contingent, transferable vote. Quota: simple. Droop, d'Hondt, substitute or Gove method. Graduated system List system. For second ballot see 324.248
  - .227 Economic and social groups
- .23 Selection of candidates
  - Declaration and presentation of candidacy
  - .231 Nomination of candidate
  - .233 Party organization      Conferences
  - .235 Caucus primary
  - .237 Direct      "
  - .239 Platform
- .24 Voting procedure
  - .241 Electoral lists: formation, revision
  - .242 **Registration system**
    - Poll lists and tally sheets
  - .243 **Jurisdiction Examination of credentials**
    - Appeal, petition
  - .244 Open voting
  - .245 Secret ballot
  - .246 Voting place
  - .247 Absent voting      Voting by mail
    - Traveling salesmen, railway employees, mail clerks, etc.
  - .248 Second ballot
  - .249 Indirect voting      Electoral college
  - .25 Ballot
    - .251 **Unofficial**
    - .252 **Official**
    - .253 **Party ballots**
    - .254 **Blanket ballots**
    - .255 **Party colums**
    - .256 **Offis groups Australian ballot**
    - .257 **Voting machines**
- .26 Results and announcements
  - Inspectors of election, meeting, etc.
  - .261 Count of ballot
  - .262 Majority elects      Absolute majority
  - .263 Plurality      "      Relativ majority
  - .268 Announcement of vote

DECIMAL CLASSIFICATION

- 324.27 Corruption Electoral fraud
  - .271 Bribery and undue influence: intimidation, selling votes
  - .272 Fraud in voting: personation, repeating, illegal voting, colonizing
  - .273 Election contributions and expenditures
    - Limitations on expenditures; publicity. Restriction on contributions political assessments
  - .274
  - .275 Fraud in counting
    - Miscount of ballots; certification of false returns
  - .276
  - .277 Election contests
  - .28 Suffrage reform
  - .3 Woman suffrage
  - .4-.9 Suffrage by country
    - Divided like 940-999
  
- 325 Colonies and immigration
  - .1 Immigrants See also 323.6 Citizenship
  - .2 Emigrants
    - Divided by country of origin like 930-999. This brings together material on emigrants of a special country or race; e. g. Chinese emigrants 325.251. Material on emigrants is usually most important in respect to country of origin, so is best classed in 325.2. Most libraries will have little except on immigrants to their own country, hence in United States 325.2 will relate almost wholly to specific nationalities in United States; e. g. 325.26 Negro question
  - .3 Colonization
    - Divided by mother country like 930-999; e. g. 325.342 British colonies. This brings together colonies planted by a special country, but does not specify location of colony
  - .4-.9 In special countries
    - Both immigration and colonization divided like 940-999, by country of settlement; e. g. 325.73 Foren population of United States; Americanization. See note to 325.2 for a given nationality
  
- 326 Slavery See also 973.7 Civil war; 371.974 Education of freedmen
  - .1 Slave trade
  - .2 Coolies and contract slaves
  - .3 Serfs and serfdom
  - .4 Antislavery documents
  - .5 " periodicals
  - .6 " societies
  - .7 Proslavery
  - .8 Emancipation and freedom
  - .9 History of slavery Divided geographically like 930-999
  - .92 Biografy of slaves
  
- 327 Foren relations Divided geographically like 930-999
- 328 Legislation, lawmaking
  - Legislative bodies and annals
  - .1 Parliamentary law

POLITICAL SCIENCE

328.2 **Legislation**

- .21 Interpretation of law
- .22 Uniform laws
  - Uniformity of law on same subject in different states or countries
- .23 Codification
- .24 Policy Tendencies
- .24I Overlegislation
- .243 Special legislation For private and local bills see 328.378
- .25 Legislativ powers
  - .25I Juridic "
  - .252 Executiv "
  - .253 Implied "
  - .256 Restrictions and checks on legislation See also 328.349
- .26 Direct legislation
- .26I Initiativ
  - Voters by petition originate legislation.
- .264 Referendum
- .27-.29 Subjects of legislativ action Divided like 351.7-351.9

.3 **Legislatures**

**Summary**

328.3 **Legislatures**

- .31 Upper house
- .32 Lower "
- .33 Membership Election
- .33I Conditions of membership, eligibility
  - Age, residence, property Membership without voting power
- .332 **Exofficio members**
  - 1 Cabinet and government officers
  - 2 Expresidents
  - 3 Other exofficers
  - 4 Clergy, bishops
- .333 Compensation
  - Annual salaries, per diem payment. Milage, traveling expenses. Special sessions. See also 328.347 Privileges
- .334 Representation
  - 1 of states
  - 2 territories
  - 3 colonies and dependencies
  - 4 classes
    - Universities, landowners, Irish and Scotch peers
  - 5 of election districts **Apportionment**
    - Equalization of representation; unfair apportionment; "rotten boros"; reapportionment
  - 6 **Gerrymandering**
  - 9 **Number of members**

DECIMAL CLASSIFICATION

- 328.335      Methods of appointment      Election  
           1      **Appointment by government or crown**  
                     For life or for a term  
           2      **Hereditary right**  
           3  
           4  
           5      **Election by direct vote: plurality or majority**  
           6      **Length of term**  
                     Entire or partial renewal of membership; holdover members  
           7      **Vacancies, resignations**  
                     Method of filling vacancies; special elections  
           8      **Contested elections**  
           .338      Official membership lists, directories  
           .339      Unofficial lists or directories  
           .34      Prerogatives and powers      Restrictions  
           .341      Power over revenue and appropriation  
           .342      "      to judge of elections  
           .343      "      over members  
                     Power to investigate or punish members  
           .344      Power of expulsion  
           .345      "      over government officers  
                     Power of investigation for impeachment, see 351.96-.99  
                     "      to imprison citizens  
           .346      Treatymaking power  
           .347      Privileges  
                     Franking privilege, postage and stationery: railroad passes; free distribution  
                     of books  
           .348      Immunities  
                     From arrest  
           .349      Restriction  
                     Offholding      Instructions by electors  
                     Direct mandate      See also 328.26 Direct legislation  
           .35      Sessions  
           .351      Method of summoning  
                     Parliamentary writ  
           .352      Date of session  
                     Fixt or movable  
           .353      Frequency of sessions  
                     Annual, biennial, quadrennial  
           .354      Length of session      Life of legislature  
           .355      Recess  
           .356      Adjournment      Prorogation      Dissolution  
           .357      Executiv session: procedure  
           .358      Special session      Extra session

POLITICAL SCIENCE

- 328.36 Internal organization and disciplin
  - Verification of powers, credentials
  - .361 Oath of offis
  - .362 Offisers: appointment, election
    - 1 **Presiding offiser, speaker**
    - 2 **President protem**
    - 3 **Secretaries, clerks**
      - Bill clerk Enrolling, engrossing clerks
    - 4 **Sergeant at arms**
    - 5 **Pages, messengers, door keepers**
    - 6 **Payment of employees: gratuities, fees, extra pay**
      - Unnecessary attendants
    - 7 **Committees**
      - Standing, special, joint
    - 8 **Special commissions**
      - For investigation, not administrativ commissions
  - .363 Records
  - .364 Supplies: daily papers, postage stamps
    - Telegraf and telephone bills
  - .365
  - .366 Disciplin: suspension, investigation
  - .367 Bribery Illegal practises
    - Graft bills, blackmail
  - .368 Lobbying
    - Including that by heds of depts and institutions
- .37 Legislativ procedure
  - .371 Rules, manuals
    - See 8 under 328.4-.9 divided by country
  - .372 Petition, addresses
    - Parliamentary inquiries, commissions
    - Recommendations from executiv
  - .373 Bills
    - Technic: bill drafting, introduction
    - Printing, enrolling, engrossing
  - .374 Action by legislature before passage
    - 1 Readings: 1st, 2d
    - 2 Reference to committees
      - Committee work or procedure: investigation, hearings, conferences
    - 3 3d reading
    - 4 Contest over passage
    - 5 Party caucuses, logrolling
  - .375 Final passage
    - Rules committee, ' lifting ' committee, ' steering ' committee
    - Vote: viva voce, by roll call; by ballot; obligation of voting in person, pairing
    - Required majority. Veto, see 353.03
    - Passing over veto. Bills left in hands of executiv: 30 day bills, pocket veto
    - Bills which become law without executiv action
  - .376 Special bills
    - Financial, omnibus riders
  - .377 Joint resolutions
  - .378 Local and private legislation
  - .379 Procedure in special cases
    - 1 **Impeachment**

DECIMAL CLASSIFICATION

- 328.39 Form of legislature
  - .391 One chamber
  - .392 Two chambers
    - See also 328.31 Upper chamber; 328.32 Lower chamber
  - .393 Other forms
  - .394 Reform
  - .395 Abolition
- 4--9 **Of special countries**

Divided by countries like 940-999, and under each, works may be divided:

1 Journals    3 Abstracts    5 Rules    9 History of bodies  
2 Debates    4 Documents    8 Legislative manuals

**329 Political parties    Party conventions**

329.01 U. S. presidential campaign documents of all parties, arranged by campaigns

- .1 **Federal**
- .2 **Anti-Federal**
- .3 **Democratic**
- .4 **Whig**
- .5 **American    Know-nothing**
- .6 **Republican**
- .7
- .8 **Minor parties**
  - .81 Prohibition, see also 178.5 Ethics; .82 Greenback, see also 332.5, Paper money;
  - .83 Woman suffrage, see also 324.3 Woman suffrage; .84 People's; .85 Labor
  - see also 331.8 Laboring classes
- .9 **Parties in other countries**    Divided geographically like 940-999

ECONOMICS

**330 Economics Political economy**

- .1 **Theory**
- .11 General conception Nature and character
  - Definition Limits and extent
- .12 Classification Divisions
- .13 Importance Utility
- .14 Language, terminology, symbols, abbreviations
- .15 Scientific systems
  - .151 Mercantil system
  - .152 Physiocrats
  - .153 Laissez faire
  - .154 Historic school
- .19 Relations to other classes
  - Divided like the Classification
  - to ethics
  - .1932 " politics
  - .198 " literature
- .2 **Compends**
- .3 **Dictionaries**
- .4 **Essays**
- .5 **Periodicals**
- .6 **Societies**
- .7 **Study and teaching**
- .8 **Polygrafy**
- .9 **History**
  - .90 By periods
    - .901 Primitiv -476 A. D.
    - .902 Medieval 476-1500 A. D.
    - .903 Modern 1501-1900 A. D.
    - .904 20th century
  - .92 Biografy
    - Preferably clast in 923.3
  - .93-.99 History divided by country like 930-999

**331 Labor and laborers Employers Capital**

- .01 **Theory**
- .011 Freedom of labor
- .012
- .013 Importance, utility, dignity of labor
- .015 Psychology of labor
  - See 150 Psychology
- .02 **Compends**
- .03 **Dictionaries**
- .04 **Essays, addresses**
- .05 **Periodicals**
- .06 **Societies, bureaus, etc.**
  - .061 Government departments, bureaus
  - .062
- .07 **Education Exhibitions**
  - See also 371.42, 607, and education in special subjects
- .08 **Collected works**
- .09 **History**

DECIMAL CLASSIFICATION

- 331.1 **Relations of capital to labor**  
Industrial arbitration. Disciplin: deductions, stoppage, fines
- .2 **Remuneration for work**  
Wages, hire, pay, salary, fees
- .21 **General**
- .211 Statistical theory
- .212 Wage fund
- .213 Relation of wages to production
- .214 " " " " cost of living Living wage
- .215 Minimum wage
- .22 Wage scales: scale contracts, sliding scale
- .225 Extra pay  
Extra wages, efficiency bonus, subsidies, bounties; progressiv wage For  
deductions, stoppage, fines, etc. see 331.1
- .23 **Bases of wages and methods of payment**
- .231 **By work done**  
Job, task, piece. For farming out, sweting system, see 331.236
- .232 **By time: hour, day, week, month, year**
- .235 **Methods of payment**  
Truck system, store orders, shares, payment in kind
- .236 **Intervention of middleman**  
Subcontract, sweting system, commissions
- .238 **Payment by other than employer: fees, tips, etc.**
- .24 **Profitsharing**
- .25 **Pensions Insurance**  
Old age, sickness, accident
- .26 **State and wages**
- .261 **Legislation Laws**
- .262 **Wages for state labor**
- .27 **Professional remuneration**
- .28 **Wages divided by trade**
- .29 " " " country
- .3 **Labor of children** See also 179.2 Cruelty to children
- .4 **Labor of women** See also 396.5 Woman
- .5 **Work at reduced wages**
- .51 **Prisons Convict labor**  
See also 365 Prisons
- .52
- .53 **Convents Ouvroirs (workshops)**  
Ouvroirs are charity workshops paying beneficiaries nominal wages and market-  
ing products at prices so small as to lower wages of selfsupporting workers
- .54 **Contract labor**
- .55 **Apprentis labor**  
See also 331.86 Training, apprenticeship
- .56 **Peonage**
- .57 **Compulsory labor Corvée**
- .58 **Slave labor**  
See also 326 Slavery
- .6 **Pauper labor Cheap foren labor Chinese**  
See also 339 Pauperism; 362.5 Asylums



ECONOMICS

- 331.7 **Skild and unskild labor**
- .8 **Laboring classes**
- .81 Duration of work Rest
- .811 Length of day  
8-hour day, 10-hour day, etc. Shifts of work
- .812 Night work
- .813 Sunday work
- .814 Overtime Supplementary hours
- .815
- .816 Vacation Leave of absence
- .817 Holidays  
Weekly rest, Sundays, labor festivals, May 1, festivals of patron saints
- .818 In special trades
- .819 " " countries
- .82 Places of labor Dangers  
See also 613.6 Hygiene; 622.8 Mining; 614.8 Protection of life
- .83 Food Clothes Shelter See also 640 Domestic economy
- .84 Morals and habits: thrift, temperance, amusements, temptations  
See also 170 Ethics; 790 Amusements; 263.6 Sunday
- .85 Helps: lectures, libraries, reading rooms, etc.  
Social settlements See also 374.5 Home education; 020 Libraries; 263.7 Sunday
- .86 Training Apprentisship
- .87 Organization of labor
- .88 Trade unions and other labor societies  
See also 338.6 Gilds
- .89 Strikes  
Combinations of workmen. Retaliation by employers
- .891 Attacks on freedom of work  
Picketing; methods of intimidation; scabs
- .892 Sympathetic strikes
- .893 Boycotting
- .894 Blacklisting Laying under interdict
- .895 Lockouts

332 Private finance

- .1 **Banks and banking**  
See also 334.2 Cooperativ banks
- .11 National Federal reserv
- .12 State
- .13 Private
- .14 Trust companies
- .15 Foren
- .2 Savings banks  
Postal savings banks. See also 383

DECIMAL CLASSIFICATION

- 332.3      **Loan institutes and special loans**
- .31      **Credit institutes**
- .311      **Agricultural banks and credits**  
            See also 631.16
- .312      **Manufacturers credits**
- .313      **Loans on chattel mortgages**
- .314           "      "      **salaries**
- .315           "      "      **wages**
- .32      **Bilding associations**      See 334.1 Cooperation
- .33      **Monts de piété**      **Governmental**
- .34      **Pawn shops**      **Private**
- .4      **Money      Coins and coinage**
- .41      **Coinage metals: production and value: gold, silver, nickel, copper**
- .42      **Single and double standard**
- .43      **International standards**
- .44      **Monetary congresses**
- .45      **Comparativ value of moneys**
- .46      **Mints**
- .47      **Coinage laws**
- .48
- .49      **In special countries**      Divided geograficly like 940-999  
            History, reports and laws
- .5      **Paper money**      **Public and private notes**      See also 329.82
- .6      **Stocks and stock exchanges**      **Bonds**
- .7      **Credit**      **Credit system**
- .8      **Interest and usury**      See also 336.31 Public securities
- .9      **Counterfiting**      **Forging**      See 343 Criminal law
- 333      **Land: ownership, rights, and rent**
- Conservation of natural resources
- For other relations see Land in Relativ index following Tables
- Special countries, divided like 930-999
- .09
- .1      **State ownership**
- .2      **Community ownership**  
            See also 321.2 Village communities
- .3      **Private ownership**
- .4      **Absentee owners**      **Alien owners**
- .5      **Rent of land for cultivation**  
            Class here general works on rent
- .6      **Rent of land for bilding**
- .7      **Special classes of land: forests, pasture, waste**
- .8      **Mines**
- .9      **Water rights: litoral, riparian, irrigation**

## 334 Cooperation

- .1 **Bilding societies: loans, organization** See also 332.32
- .2 **Cooperativ banks** See also 332 Banks
- .3 " **insurance societies** See also 368 Insurance
- .4 " **housekeeping** See also 647.93 Domestic economy
- .5 " **consumptiv associations** Stores
- .6 " **productiv associations** Factories
- .7 **Friendly societies**
- .8 **Burial societies**

## 335 Socialism and communism

See also 334 Cooperation  
 .01 Theory of property

- .1 **English socialism**
- .2 **Saint Simonism**
- .3 **Fourierism**
- .4 **Communism**
- .5 **German socialism** Social democracy
- .6 **State socialism** Socialism of the chair  
 Professorial socialism
- .7 **Christian socialism**
- .8
- .9 **Socialist communities**  
 Divided by countries like 930-999

## 336 Public finance

Federal and state. For local finances see 352.1

- .1 **State domain and properties**
- .11 Management and income from rents
- .12 Sale
- .13 Land claims
- .14 Land grants to railroads, colleges, etc.  
 See also 379.123 Education
- .19 State monopolies  
 e. g. French state monopoly of tobacco trade. See also 338.8 Monopolies
- .2 **Taxation**
- .21 Direct
- .22 Real estate
- .23 Personal property
- .24 Income
- .25 Poll
- .26 Customs: specific or ad valorem  
 Regulations. Schedules of duties. See also 337 Protection
- .27 Excise, licenses, special taxes  
 Liquor, dog, legacies, stamp duties  
 For other relations see License in Relativ index following Tables
- .28 Local taxes See also 379.13 School funds
- .29 Assessment and collection of taxes Exemptions

DECIMAL CLASSIFICATION

- 336.3 **Loans Public securities**
  - .31 Interest-bearing securities See also 332.8 Interest
  - .32 Floating det
  - .33 Sinking fund
  - .34 Public credit
  - .35 Annuities
  - .36 Repudiation
- .4-.9 **Finance of special countries** Divided geograficly like 940-999
- 337 **Protection and free trade**
  - See also 336.26 Customs
  - .1 **Absolute free trade No tariff**
  - .2 **Free trade: i. e. tarif for revenue only**
  - .3 **Protection**
    - Class in 337.2 discussions or histories which are arguments for free trade
    - When doubtful prefer 337.3, the general number for discussions
  - .4 **Subsidies**
  - .5 **Duties on special articles: steel, wool, etc.**
  - .6 " " **raw materials**
  - .7 " " **books and works of art**
  - .8 **Duty free importation for colleges, etc.**
    - See also 021.861 Libraries
  - .9 **Reciprocity**
- 338 **Production Manufacture Prices**
  - .1 **Agricultural products**
  - .2 **Mining products** See also 332.41 Coinage metals
  - .3 **Water " Fish, ice, etc.**
  - .4 **Manufactured products Machinery in industry**
  - .5 **Prices**
  - .6 **Gilds** See also 331.88 Trades unions
  - .7 **Corporate industries**
  - .8 **Monopolies Trusts** See also 336.19 State monopolies
  - .9 **Industrial legislation** Divided geograficly like 940-999
- 339 **Consumption of welth Pauperism**
  - Conservation; restrictions on use or waste of materials, including general works covering natural resources
  - See also Pauper, Pauperism, Welth, in Relativ index following Tables
- 340 **Law**
  - General works** Most periodicals belong in Private law, 347.05
  - .1 **Philosofy Theories Law of nature**
  - .3 **Antiquities: torture, trial by ordeal, duel, etc.**
  - .4 **Trial by jury**
  - .5 **Comparativ legislation**
  - .6 **Medical jurisprudence** See also 614.23 Expert testimony
  - .7 **Education Law school Offs training**
  - .8 **Polygrafy Collections**
  - .9 **Legal anecdotes and miscellany**

## Public law

### 341 International law

.01 Philosophy; .02 Compenda, etc. like 300

#### .1 International congresses

Of diplomatic agents for settling international relations; Hague tribunal, League of Nations. Congresses on special topics go with their subjects; e. g. 332.44 on Coinage

#### .2 Treaties: texts and history

Class with most important country, dividing like 940-999

#### .3 Law of war Captivs Neutrals

#### .4 International criminal law

#### .5 International private law

#### .6 Arbitration

#### .7 Diplomacy

#### .8 Consular systems

### 342 Constitutional law and history

Divided by countries like 930-999. Under each, works may be divided: 1 Texts of constitution; 2 Conventions; 3 Systems, commentaries; 4 Essays; 8 Polygraphy; 9 History

For Administrativ law, see 350

### 343 Criminal law

#### .1 Criminal trials

#### .2 Punishments

Corporal. Deth penalty. Hard labor. Confinement

#### .3-9 Of special countries Divided by countries like 930-999

Under each country, works may be divided: 1 Penal codes; 2 Reports; 3 Criminal procedure; 4 Text books and manuals

### 344 Martial law

## Private law

### 345 United States statutes and cases

Divide each of the sections .1-5, using 1 U. S.; 2 Individual states arranged alphabetically: e. g. Statutes at large of U. S. 345.11; Acts and resolves of Mass. 345.12

#### .1 Session laws

#### .2 Codes Revised statutes

#### .3 Law digests (of statutes)

#### .4 Reports

Use .4 U. S. supreme court; .41 U. S. circuit and district courts; .415 Periodical collections of various states; e. g. Eastern Reporter, etc; .42 Reports of individual states

#### .5 Digests of cases

DECIMAL CLASSIFICATION

346 British statutes and cases

Divided like 345. Includes all reports in English language except U. S. reports

347 Treatises American and English private law

.01 Philosophy .02 Compendis .03 Dictionaries .04 Essays .05 Periodicals  
.06 Societies, bar associations .08 Polygraphy .09 History

Put law of special topics with the subject; e. g. Insurance law, 368. The divisions  
.1-8 may be disregarded and all English law textbooks arranged in one alfabet by  
authors. An elaborate division, similar to Medicin, will be publisht after farther  
revision

- .1 Persons Legal capacity
- .2 Realty
- .3 Chattels Movables
- .4 Contracts
- .5 Torts
- .6 Family law and inheritance
- .7 Commercial and maritime
- .8 Equity
- .9 Civil trials Procedure
  - .91 Civil trials
  - .92 Pleading
  - .93 Forms
  - .94 Evidence Testimony in general not limited to civil trials
  - .95 Remedies
  - .96 Justises of the peace Notaries Sheriff
  - .97 Organization of courts
  - .98 Jurisdictions
  - .99 History of special courts

348 Canon law

349 Foren law

Divided like 930-999, and under each modern state divided like 345 with decimals  
.71 — .79 used for Treatises like 347; e. g. 349.4475 is French law of torts, 349.448  
is French code. Roman law is divided:

- .37 Roman law
  - .01 Philosophy .02 Compendis .03 Dictionaries .04 Essays .05 Periodicals
  - .06 Societies .07 Education .08 Polygraphy .09 History
- .371 Sources: Ante-Justinian
- .372 " Justinian
- .373 History and criticism of sources
- .374 Institutes: ancient Roman law
- .375 Pandects: modern " "
- .377 Treatises on special topics
  - Divided like 347

# 350 Administration

Including Military science. .1 Theory; .2 Compendis; .3 Dictionaries; .4 Essays; .5 Periodicals; .6 Societies; .7 Education; .8 Polygraphy; .9 History

A large number of the questions properly placed under Administration are class with related topics elsewhere. Some of these are repeated here, both to show the scope of the subject 'Administration' and to provide for cross references by those specially interested. See also 342 Constitutional law and history

## 351 Administration of central government

- .1 **Organization of civil servis**  
  - Officers Method of selection: election or appointment Official functions and powers Mutuai relations
- .2 **Civil lists**
- .3 **Examination**
- .4 **Tenure of offis      Disciplin      See 351.92 Power of removal**
- .5 **Pensions**
- .6 **Reform      Spoils system vs offsholding class**
- .7 **Subjects of administrativ action**  
  - See also 353 United States; 354 Foren states
- .71 **Financial administration**  
  - See 336 Public finance, public property, taxation
- .72 **Budget      Public accounts**
- .73 **Internal affairs      See also 323 Domestic relations**
- .74 **Police mesures**
- .75 **Public safety and order      See also 352.2 Police; 365 Prisons, etc.**  
  - .751 Press
  - .752 Reunion and association
  - .753 Wepons
- .76 **Vice and good manners**  
  - .761 Liquor regulation      See 178 Temperance
  - .762 Public gaming      See 174.6 Ethics
  - .763 Public begging      See 339 Pauperism
  - .764 Prostitution      See 176.5 Ethics
- .77 **Sanitary police**  
  - See 352.4 Boards of helth; 614 Public helth, etc.
- .78 **Accidents      See 614.8 Public helth**
- .781 **Bildings      See 614.85**
- .782 **Fires      See 614.84**

DECIMAL CLASSIFICATION

- 351.8 Promotion of public welfare
- .81 **Means of communication**
    - See 380 Commerce, communication
    - .811 Highways See 386; 352.7 Local government
    - .812 Railways See 385
    - .813 Waterways See 386; 387
    - .814 Ferries
    - .815 Bridges See 352.7 Local government
    - .816 Postoffis See 383
    - .817 Telegrafs See 384
  - .82 **Trade and industry**
    - .821 Weights and mesures See 389 Commerce
    - .822 Coinage and money See 332 Banks, money
    - .823 Landed industry
      - Agriculture See 630 Useful arts; 338.1 Production
      - Forests See 634.9 Agriculture; 333.7 Land
      - Mines See 622 Mining; 338.2 Production; 333.8 Land
    - .824 Commercial and manufacturing industry
      - See 380 Commerce; 338 Production
    - .825 Institutions of credit See 332 Banks, credit
      - Savings banks See 332.2
      - Mutual benefit societies See 334 Cooperation
      - Insurance See 368; 334.3 Cooperativ insurance
      - Monts de piété See 332.33
  - .83 **Labor** See 331 Capital, Labor, Wages
  - .84 **Public charity**
    - See 339 Pauperism; 360 Associations and institutions
  - .85 **Education and worship**
    - .851 Public education See 379 Education
    - .852 Public libraries See 027.4 Library economy
    - .853 Art museums See 708 Art
    - .857 Worship See 322 Church and state
  - Military and naval** See 355-359 Army and Navy
  - Justis** See 340 Law
  - Foren affairs** See 341 International law; 327 Political science
  - .9 **Control over the administration**
    - .91 **Administrativ control** By superior officers
    - .92 **Disciplinary power**
      - Power of removal. See also 351.4 Tenure of offis
    - .93 **Supervision**
      - Power to annul or amend specific acts
    - .94 **Judicial control**
      - .941 **Ordinary courts** See 347.5 Law of torts
      - .945 **Criminal courts** See 343 Criminal law
    - .95 **Administrativ courts**
    - .96 **Parliamentary control**
    - .97 **Petitions and addresses**
    - .98 **Investigations**
    - .99 **Impeachment**



352 Local government: county, town, city

See also 379 Public schools; 020 Libraries

*General questions of municipal administration*

- .001 Growth and importance of cities
- .002 Cities and state control
- .003 City as a juristic person, a corporation  
See also 347.1 Law of corporations
- .004 City organization, municipal elections
- .005 Municipal civil servis
- .008 Forms of administration  
Commission, manager etc.

*Local administration of special countries and cities*

.03-.09 divided by countries like 930-999

**.042 Local government in England**

Arrange matter relating to special cities alfabetically by name of city and subdivide the remaining works as follows:

- 1 County
- 2 Municipal boro
- 3 Parish
- 4 Union See 339 Pauperiam
- 5 Sanitary districts See 614 Public helth
- 6 School districts See 379 Education
- 7 Highway areas See 352.7

**.043 Local government in Germany** Special cities like 352.042

- 1 Province: landtag, provincial committee, director
- 2
- 3 Circle Circle diet Circle committee Landrat
- 4 Commune
- 5 Towns
- 6 Township

**.044 Local government in France** Special cities like 352.042

- 1 Department
- 2 General council
- 3 Departmental commission
- 4 Prefect
- 5 Arrondissement
- 6 Commune
- 7 Mayor
- 8 Municipal council

**.1 Finances: city property and local taxation**

See also 336 Public finance

**.2 Police**

**.3 Fire department** See also 621.68 Fire engins; 614.84 Fires

**.4 Public helth: board of helth** See also 614 Medicin

**.5 Public bildings and works**

**.6 Water and sewerage works** See also 628 Sanitary engineering

**.7 Streets Highways Bridges Parks**

See also these topics in Relativ index for other relations

**.8 Licenses: hack, huckster, entertainment, etc.**

**.9 Other topics**

## 353 United States and state government

Operation of government, except legislative branch. For U. S. congress and state legislatures see 328.73-798, where also are department reports in sets of congressional and state documents. Class separates of such reports with their subjects or with their respective departments in 353.1-97988 when they have no definite place elsewhere in the classification; but report of bureau of education 379.73, of agriculture dep't 630.6 See also 342.73 Constitutional law and history

- .01 Administrativ centralization
- .02 Separation of powers
- .03 President
- .04 Departments
- .05 Cabinet
- .1 State department
- .2 Treasury department
  - Laws and rules governing treasury; but class reports 336.73 U. S. finance
- .3 Interior department
- .4 Postoffice department
  - See 383 Postal service
- .5 Judiciary department
- .6 War department
  - See also 355 Army; military science
- .7 Navy department
  - See also 359 Navy; naval science
- .8 Other departments
- .9 State government Divided like 974-979

Apply same decimals for state and foreign governments. For departments not here specified use .8 and .9 and any of above numbers left blank; e. g. for a state having no navy, .7 is free for some local use. Judiciary dep't of D. C. 353.97535. 353.9 includes history of regiments, unless covering a particular period of national history; e. g. the "history of the N. Y. 7th regiment in the civil war" is attracted to 973.74, but a general history of the same regiment is 353.97476

## 354 Organization of central government Foreign states

See also 342 Constitutional law and history  
Divided geographically by countries like 930-999. Under each country the U. S. divisions, 1 State, 2 Treasury, etc. may be used; e. g. State department of Great Britain, 354.421. Add also the following divisions:

- .42 Administration of England Central government
  - 01 Administrativ centralization
  - 02 Separation of powers
  - 03 Monarch
  - 04 Privy council
  - 05 Cabinet
- .43 Administration of Germany Central government
  - 01 Administrativ centralization
  - 02 Separation of powers
  - 03 Empire
  - 04 Bundesrat
  - 05 Emperor
  - 06 Ministry
  - 07 States Monarchs
  - 08 Landtag Ministers Council of state
  - 09 Free cities
- .44 Administration of France Central government
  - 01 Administrativ centralization
  - 02 Separation of powers
  - 03 President
  - 04 Ministers
  - 05 Council of state

## 355 Military science Army

Military in broad sense of land and sea forces; but limited to military science, tactics, etc. For War department of U. S. see 353.6; for history of regiments see 353.9 and subdivision 4 under special wars in 973; e. g. Mexican war being 973.62, regimental history of that war is 973.624. See also 623 Military engineering .01 Theory .02 Compendis .03 Dictionaries .04 Essays .05 Periodicals .06 Societies .07 Education .08 Polygrafy .09 History

- .1 Military life**
  - Including honor, honors and insignia, and standards
  - .11 Servis periods and retirement**
  - .114 Termination of servis Resulting status**
  - .12 Military life in peace and war**
  - .13 Military honor Disciplin**
    - Professional morality; rewards
  - .14 Uniforms**
    - System; distinguishing rank; style, color and esthetic considerations
    - See also 355.8: Clothing of troops
  - .15 Colors and standards**
  - .16 Military celebrations**
    - Commemorations, anniversaries, jubilees
- .2 Military resources**
  - .21 Preparedness**
    - Rediness of resources for mobilization
  - .22 Men Recruitment**
    - Voluntary and compulsory enlistment; recruits from military schools. Obligations of citizens with respect to national defense
    - For relations of government to maintenance of public order see 351.74 Government police mesures
  - .23**
  - .24 Raw material**
    - Agricultural, mineral, etc.
  - .25**
  - .26 Manufactures, industries**
  - .27 Transportation**
    - Roads, railroads, canals, ships
- .3 Organization of military forces**
  - .31 Army units and organization**
    - For special arms see 356 Infantry, 357 Cavalry, 358 Artillery. For classification according to military obligation and field of servis see 355.35
  - .33 Officers Military hierarchy**
  - .33I .Command in general**
    - General principles and rules of command, whether of large or small units
  - .34 Special servis**
    - Outside the regular arm or grade
  - .35 Armies General staff**
    - Armies clast according to military obligation and field of servis; e. g. European armies of first line, 2d line, colonial armies
    - For military units see 355.31

## DECIMAL CLASSIFICATION

- 355.4 Tactics and strategy**
  - .41 Logistics and field servis
  - .42 General tactics
    - See each arm for its peculiar tactics
  - .43 Strategy
  - .44 Siege warfare
    - For siege engineering see 623.2
  - .45 National defense
  - .47 Military geograpy
    - Divided like 930-999
    - Geograpic works from military point of view and works on strategic conditions of theaters of operations
  - .48 Wars, campains, battles, military exploits
    - Better clast with wars to which they belong in 930-999
- .5 Servis**
  - Garrison and field servis, mobilization; instruction of troops and subaltern grades; maneuvers
- .52 Grand maneuvers      Instruction camps
- .6 Military administration**
  - Class here only what concerns the workings of administrativ servises. For personnel and organization of these servises see 356.3
- .7 Military establishments**
  - Organization and servis
  - See also 359 Naval establishments
  - 623.63 Military establishments (military engineering)
  - 725.12 Architecture of military bildings
- .8 Military equipment and supplies**
  - .81 Clothing      Camp outfit
  - .82 Small arms and ammunition
    - Administrativ questions: working and reserv supply; storage, issue, etc.
    - For mechanism and relativ efficiency of different kinds see 623.4
  - .83 Wagons      Harness      Transport outfit
  - .84 Pioneering tools
  - .85 Other tools      Instruments
- 356 Infantry**
  - I Organization**
    - Light infantry, mounted infantry, cyclist infantry
  - .12 Special colonial infantry
  - .13 Organizations eventually subject to mobilization
  - .14 Volunteer corps
  - .15 Irregular troops
    - 'Corps francs' existing only during war
  - .16 Special infantry troops
    - Sharpshooters, etc.
  - .2 **Staff and special servises**
  - .3 **Administrativ staff and servises**
    - Personnel and organization

ADMINISTRATION

- 357 Cavalry Mounted services  
 .1 Cavalry proper  
 .2 Remount and training services  
 .3 Army train
- 358 Artillery, engineers and other technical services  
 For ordnance, gunnery, etc. see 623 Military engineering  
 .1 Artillery  
 .2 Engineers  
 .3 Other technical services

- 359 Naval science  
 Divided by .01-.09 like 355. See also 623.8 Naval architecture

**360 Associations and institutions**

This covers what is best known as "Charities and corrections," and general works on this topic go in 360. Under each section .9 is used as in 362.9, for grouping by location; e. g. Clubs of London are 367.9421

- 361 Charitable  
 See also 377.7 Charity schools. For humane societies see 179.2
- 362 Hospitals, asylums, and allied societies  
 .1 Sick and wounded Incurables Eye and ear infirm-  
 aries Lying-in hospitals Dispensaries  
 .2 Insane  
 For other relations see Insane, Insanity in Relativ index following Tables  
 .3 Idiotic  
 For other relations see Idiocy, Idiots, in Relativ index  
 .4 Blind Def Dum  
 See also 371.91 Education  
 .5 Paupers  
 For other relations see Pauperism, Paupers, in Relativ index  
 .6 Aged Infirm Bereft  
 Mothers pensions Aid in cases of deth  
 .7 Children Orfans Foundlings  
 Child welfare See also ethics, 179.2 Cruelty  
 .8 Other  
 .9 Special countries  
 Divided like 930-999; e. g. 362.942 Hospitals of England

- 363 Political  
 Tammany, Primrose leag, Ku Klux, etc.

- 364 Reformatory Criminology  
 Schools; discharged convicts; criminal classes

- 365 Prisons Disciplin  
 See also 331.5 Convict labor

- 366 Secret societies  
 .1 Masons .2 Knights of Pythias .3 Odd Fellows .4 Rosicrucians  
 See also 371.85 College secret societies

- 367 Social clubs

DECIMAL CLASSIFICATION

368 Insurance

See also 334.3 Cooperativ insurance

- .1 Fire
- .2 Marine
- .3 Life
- .31 Annuities
  - See also 336.35 Public annuities; 519.5 Probabilities
- .4 Accident Liability
- .5 Animal and crop, agriculture
- .6 Plate glass
- .7 Boiler
- .8 Credit and bonds Land titles
- .91 Government control Commissioners
  - .94-.99 divided geograficy like 940-999; e. g. Insurance in New York (including state reports, etc.) is 368.9747

369 Other associations and institutions

- .1 Hereditary and patriotic societies (American)
  - .11 General associations
    - .111 Regular army and navy union
    - .112 Society of veterans of the regular army and navy
    - .113 Military and naval order of the United States
    - .114 Medal of honor legion
    - .115 Military order of foren wars of the United States
    - .116 Order of the old gard
      - Incorporated 31 Jan. 1896; organized 15 Oct. 1896
    - .117 Naval order of the United States
    - .118 Society of American wars
    - .119
  - .12 Colonial societies
    - .121 Society of colonial wars
    - .122 Society of colonial dames of America
      - A New York society with chapters in other states. known also merely as Colonial dames of America
    - .123 National society of colonial dames of America
      - A federation of separately incorporated societies in about 40 different states
    - .124 Society of the Mayflower descendants
    - .125 Order of the founders and patriots of America
    - .126 Colonial order of the acorn
      - " society of Pennsylvania
      - .128 " daughters of the 17th century
      - .129
  - .13 Revolutionary societies
    - .131 Society of the Cincinnati
    - .132 Society of the daughters of the Cincinnati
    - .133 Sons of the American revolution
    - .134 Sons of the revolution
    - .135 Daughters of the American revolution
    - .136 Daughters of the revolution
    - .137 Children of the American revolution

ASSOCIATIONS AND INSTITUTIONS

369.14

- .141 Society of the war of 1812
- .142 United States daughters of 1776-1812
- .143 Military society of the war of 1812
- .144 Society of the second war with Great Britain in the state of  
New York
- .145 Aztec-club of 1847
- .146 National association of veterans of the Mexican war
- .147
- .148
- .149

**.15 Civil war societies, Union**

- .151 G. A. R. (Grand army of the republic)
- .152 Military order of the Loyal legion
- .153 Society of loyal volunteers
- .154 Union veterans union
- .155 Union prisoners of war association
- .156 Society of the army and navy of the Gulf
- .157 National association of naval veterans
- .158 Society of the army of the Cumberland

.159

.16

- .161 Woman's relief corps
- .162 Woman's veteran relief union

.163

.164

- .165 Society of the sons of veterans, U. S. army

.166

.167

.168

.169

**.17 Civil war associations, Confederate**

- .171 Confederate survivors association
- .172 Confederate veterans association
- .173 United sons of confederate veterans
- .174 " confederate veterans
- .175 Daughters of the confederacy

.18

- .181 Spanish war veterans
- .182 Society of the army of Santiago de Cuba
- .183 Naval and military order of the Spanish American war

.184

.185

**.186 Societies arising from Great war of 1914-19**

**4 Young peoples societies**

For religious societies see 267.6

**41 Mixt: boys and girls**

**42 Boys**

See also 136.77 The 'gang'

**43 Boy scouts**

**46 Girls**

**47 Campfire girls**

**370 Education**

Disciplin in broad sense

- .1 Theory of education    Meaning    Aim**  
Including philosophy of education, science of education and general methodology. Not limited to any curriculum, school or class of schools. For specific methods, pedagogics, see 371
- .109 History of educational theory**
- .15 Psychology applied to education**  
Imitation, suggestion, play, etc. Divided like 150 Psychology; e. g. function of memory in education 370.154
- .2 Dictionaries    Cyclopedias**
- .3 Essays    Addresses**
- .5 Periodicals**  
General. For periodicals limited to a special topic see that topic; e.g. kindergarten magazines 372.205. See also 371.805, 378.05
- .59 Educational almanacs and kalendars for teachers**
- .6 Organizations    Conventions**
- .61 Associations    Clubs**  
Permanent societies, their meetings and reports. Divided like 940-999
- .63 Congresses    Conventions**  
Occasional congresses and conferences: international or interstate
- .7 Study of education    Institutions and organizations for training teachers**  
Means and methods, including normal schools, institutes, etc. For need of training, kind and amount, see 371.12
- .71 Teachers meetings**  
Class meetings of teachers of a single institution (faculty meetings) with the institution; see table for school and college publications under 378.4-9
- .711 Plan and organization**  
Frequency, time, place, control, cost, etc.
- .712 Programs, courses of study**
- .714-9 In special places**  
Divided geografically like 940-999
- .72 Teachers institutes**  
Divide like 370.71 above
- .73 Normal schools**  
Institutions primarily for training teachers; e.g. state normal schools Teachers college of Columbia university; often with attacht 'model' or practis schools, in which normal students teach under supervision of their instructors. For training classes attacht to regular schools see 370.75
- .731 Plan and organization    Aims and functions    Scope**  
Length and time of terms. Support: public, private
- .732 Courses, programs    Credentials**
- .733 Adjuncts: practis or model schools**
- .734-9 Special countries and schools**  
Divided geografically like 940-999
- .74 Education museums**  
Including exhibits at international expositions, state and county fairs, etc.
- .75 Training classes**  
Class here teachers classes attacht to regular schools. For normal schools see 370.73
- .8 Polygrafy**
- .81 Collected writings of a single author**  
If not limited to a definit topic; e.g. Horace Mann, Henry Barnard, etc.
- .82 Collected writings of several authors**



EDUCATION

- 370.9 **History, description**
  - General works covering both ancient and modern history, and including history of institutions, practice, and description of conditions. See also 136.791 The child among uncivilized and semicivilized peoples
- .92 **Educational biography**
  - Preferably class in 923.7
- .93-99 **History of education in special countries**
  - Subdivided like 930-999
  - .9401 **Medieval Europe**
  - .9402 **Modern Europe**

**371 Teachers Methods Disciplin**

Practical methods. See 370.1 for theories of education. The following divisions concern instruction of all grades

- .1 **Teachers Teaching personnel Professors, masters, instructors**
  - See also 370.7 Training of teachers
  - .101 **Duties and responsibilities Mission**
  - .102 **Personal influence**
  - .103 **Relations to parents**
    - Mutual duties of parents and teachers
  - .104 **Relations to community Public status**
  - .105 **Social status**
  - .11 **Qualifications Personality**
    - See also 371.18
  - .12 **Need of training; kind and amount**
    - Discussion of special preparation of teachers and professors for their vocation. For teachers training schools and classes, see 370.7
  - .13 **Examination Certificates Certified teachers Licenses**
  - .14 **Appointment Organization of teaching force**
  - .142 **Appointment Contract Discharge Tenure**
  - .143 **Appointing body**
    - Board, committee, principal
  - .145 **Agencies**
    - Bureaus and associations for supplying teachers
  - .15 **Professional status**
    - Permanent profession vs steppingstone theory
  - .16 **Salary and promotion Compensation Amount of service**
    - For pensions and insurance see 371.17
  - .161 **Salary**
  - .162 **Fees**
  - .163 **Allowance for expenses**
  - .164 **Residence Living expenses**
  - .165 **Promotion Advance in rank**
    - For salary promotion see 371.161
  - .166 **Hours Daily or weekly service**
  - .167 **Vacation Yearly service**
  - .168 **Sabbatic year**

DECIMAL CLASSIFICATION

- 371.17 Pensions and insurance for teachers  
           Carnegie pension fund
- .18 Women as teachers  
           Feminization of teaching force
- .19 Other topics
- .2 **School organization      School records**  
           Diary. 'Logbook.' For government of students, disciplin, see 371.5. For school supervision see 379.15
- .21 **Admission      Enrolment      Matriculation**  
           For college entrance requirements see 371.214. Standards of individual schools are clast with the school
- .211
- .212 **Grammar or intermediate school admission standards**  
           Including standards of German bürgerschulen
- .213 **High school standards**  
           Including standards of German gymnasia, French collèges and lycées
- .214 **College standards**  
           Undergraduate and nonprofessional graduate courses in (American) colleges and universities
- .215 **Professional and technical school standards**
- .22 **Tuition fees      Free tuition      Scholarships**  
           See also 371.162 Professors fees; 379.13 Tuition fees of nonresident pupils in public schools; 378.34 Scholarships
- .23 **Terms      Vacations      Holidays      Breaking up**  
           See also Hygiene of vacations and holidays 613.76, 613.77; Closing for diseases, 371.712
- .234 **Terms in 2 or more places**  
           For floating schools see 371.392
- .24 **Hours      Recess**  
           For exercise see 371.73 Care of body
- .25 **Classes      Grades**  
           For grading of schools, see 379.17. See also 371.394 Individual instruction
- .253 **Length of school courses; e. g. 6 year course**  
           See also 378.241 Length of college course
- .26 **Marking system**
- .27 **Examinations: oral, written      Cramming**  
           See also 428.9 Language  
           For competitiv examinations see 371.53
- .28 **Promotions      Degrading**
- .29 **Other topics**
- .291 **Graduation      Diplomas**  
           May be subdivided like 371.21 See also 378.2 College degrees

EDUCATION

- 371.3 Methods of instruction and study**  
 Under the heads below class discussion of pedagogic value of these methods. For methods of teaching specific subjects, see those subjects; for their educational value see 375 Curriculum; e. g. teaching of mathematics 510.7, place of mathematics in curriculum 375.51
- .31 Rote or concert teaching
  - .32 Text books      Recitations  
           Use of textbooks. Textbooks themselves are class with the subjects treated
  - .33 Lectures      Oral and visual instruction
  - .335      Visual instruction      Lantern slides
  - .34 Developing or inductive method
  - .35 Art of questioning      Catechetical method
  - .36 Topical method
  - .363      Correlation
  - .365      Special days  
           Historical days: Discovery day, Flag day, Memorial day, Constitution day, Independence day. Birthdays: authors and other noted persons; Washington's birthday. Nature: Arbor day, Bird day. Other: Thanksgiving, Christmas, Easter, etc.
  - .37 Seminary method
  - .38 Laboratory method
  - .39 Other
  - .392      Floating schools or colleges  
           Combining travel and shipboard instruction
  - .393      Trips, excursions, visits
  - .394      Individual instruction      Batavia system  
           By regular teacher or tutor, at home or at school. See also 373.1 Private instruction
  - .395      Small classes  
           See also 371.47 Quincy system
  - .4 Systems of education  
           For Fröbel's system see 372.2 Kindergarten
  - .41 Bell and Lancaster, or monitorial      Mutual system
  - .42 Fellenberg or manual training; vocational schools, industrial education  
           For equipment and cost of manual training schools or departments see 371.623 Machine shops, 371.676 Apparatus, etc. For subjects of study see 375.01-.9 For individual schools see 607 or 378.99
  - .421      Educational value
  - .422      In elementary schools
  - .423      In secondary schools
  - .424      In special schools
  - .429      History and development

DECIMAL CLASSIFICATION

- 371.43 Military organization      Military instruction  
 .44 Pestalozzian  
     Class here all Pestalozzi's educational writings  
 .45 Jacotot  
 .46  
 .47 Quincy system  
 .5 Government      Disciplin      Authority  
 .51 Rules  
 .52 Attendance      Truancy      Tardiness      Absences  
     See also 379.23 Compulsory education  
 .53 Rewards      Prizes      Favors      Approbation  
 .535 Interschool literary contests  
     Competitiv examinations. For interschool and intercollegiate de-  
     bates see 374.245 For interschool athletics see 371.75  
 .54 Punishment      Disciplinary penalties  
     Limits of school jurisdiction. Disciplin of consequences  
 .55 Corporal punishment  
 .56 Other punishments  
     Confinement; tasks; expulsion; suspension; discharge  
 .57 Personnel responsible for disciplin      Monitors  
 .58 Moral government      Alcott system  
 .59 Student self government      College systems  
 .595 School city      Ray system  
 .6 School premises and equipment  
 .61 Grounds      Site  
     School playgrounds  
 .62 Bildings  
     Requirements peculiar to schools. See also 727 Architecture of educa-  
     tional institutions. The following subdivisions apply to both special  
     rooms and separate bildings  
 .621 Study, lecture and assembly rooms  
 .622 Library and museums  
     Art, science, etc. See also 022 Library bildings; 371.64 Function  
     of school libraries; 021.3 Relation of libraries and schools; 027.7-.8  
     Reports of college and school libraries  
 .623 Laboratories      Observatory      Machine shop  
     See also 542.1 Chemic laboratories; 522.1 Observatories  
     371.66 Scientific apparatus and supplies  
 .624 Gymnasium  
     See also 725.85  
 .625 Other special rooms or bildings  
     Dormitories, clubs, infirmaries, Y.M.C.A. and Y.W.C.A.  
 .626 Sanitation      Lavatories  
 .627 Lighting  
 .628 Heating and ventilation  
 .629 Accessories  
     Elevators, lifts, telefones, etc.

EDUCATION

- 371.63 **Furnishing and decoration**
- .631 **Furniture**  
Blackboards, desks, chairs, benches. For globes and maps see 371.66
- .632 **Musical instruments**
- .633 **Floors: bare, covered**  
See also 721.6 Architectural construction  
022.96 Library buildings  
645 House decoration
- .634 **Walls: tints, covering**
- .635 **Decoration**  
See also 729 Architectural decoration
- .636 **Pictures, frescoes Glass**
- .637 **Sculpture**
- .638 **Plants**
- .639 **Other decoration**
- .64 **Libraries**  
Character and functions. For relation to public library see 021.3; for relation to other school rooms and buildings see 371.622. See also 027.8 School libraries; 027.7 College libraries
- .641 **Relations of library to faculty and students**
- .642 **School traveling libraries**
- .643 **School reading lists**  
See also 028.5 Reading of young
- .644
- .645 **Elementary school libraries**
- .646 **Secondary school libraries**
- .647 **College and university libraries**  
Departmental and seminar libraries
- .648 **Professional and technical school libraries**  
In 371.645-8 may be class matter pertaining to desirability and scope of such libraries, tho it is better in 027.7-.8 with reports and other matter pertaining to their management
- .65 **Museums: character and functions**  
Divided if wish like 010-999: e.g. 371.655 Science museums; 371.657 Art museums. Limited to character and functions of museums attacht to teaching institutions: see also 708 Art museums, and form division 074 under special subjects
- .66 **Scientific apparatus, laboratory equipment and supplies**  
Divided like 500: e.g. 371.662 Astronomic observatory
- .67 **Other apparatus, equipment and supplies**  
Divided if wish like 010-999: e. g. 371.6791 Globes, maps, etc.
- .7 **School hygiene**
- .71 **Helth of students Overstudy Fatigue**
- .711 **Sanitary conditions and inspection**  
Board of helth. For sanitary engineer's side see 371.626
- .712 **Medical inspection**  
For personal conditions affecting helth and intellectual progress; e.g. clenliness, contagious diseases, nervous disorders, defectiv eyes, ears or teeth. Closing schools on account of epidemic or contagious diseases

DECIMAL CLASSIFICATION

- 371.713 Posture**  
 See also 371.631 Furniture (ill designd desks and seats)
- .716 School meals**  
 Discussion. Administrativ problems: space, cost, whether wholly or partly free, etc. For management of lunch room, suitable food, etc. see 642.58
- .718 Open air schools**
- .72 Care of eyes Effect of study**
- .73 Care of body Gymnastics Calisthenics**  
 For systems of gymnastics or physical training, and books of exercises see 613.71
- .731 Educational influence of physical training**
- .732 Gymnastics Calisthenics**
- 2 In elementary schools
- 3 In secondary schools
- 4 In colleges
- 5 In special schools
- 6 In girls' schools
- .733 Military drill**  
 For military organization of school see 371.43
- .734 Fencing**
- .735 Swimming Bathing**
- .736 Riding**
- .737 Walking School promenades**
- .74 Recreations Games, etc. Athletics Di-versions**  
 See also 371.61 School playgrounds; 613.74 Hygiene of play; 796 Outdoor sports
- .75 Championship games Boat races Inter-school athletics**  
 For other relations see Games in Relativ index following Tables
- .79 Other special topics**
- .8 Student life and customs**  
 Various aspects of student life and student activities outside regular courses of study  
 See also 784.6 College songs; 378.29 College costumes
- .805 Student periodicals**  
 Discussion here. Periodicals themselvs preferably with their schools
- .81 Student honor**  
 Cribbing Cheating Keys Ponies Copying
- .82 Fagging and hazing Bullying German student duels**
- .83 Student organizations German corps**
- .836 Ancient student societies**
- .84 Literary societies**
- .85 Secret societies**  
 Class all college chapters here, thus bringing the fraternity together, with reference from the college. See also 366 Secret societies
- .86 Society premises Society houses Halls Temples, etc.**

EDUCATION

- 371.87 Student houses Lodgings Dormitories  
 .88 Commons Student restaurants Eating clubs
- .89 Celebrations Customs Triumphs, burnings, etc.  
 Anniversaries Ceremonious receptions Student banquets
- .895 School plays  
 Divided by language like 400; e.g. 2 English, 3 German
- .896 Class days  
 Of special institution, with institution
- .9 Education of special classes  
 General questions; kind and methods of education for these classes  
 For institutions see 362, 364. For study of abnormal children see 136.76
- .91 Physically defectiv  
 See also 362.4 Asylums for blind and def
- .911 Blind  
 See also 655.38 Printing for the blind
- .912 Def  
 Finger alphabet See also 378 for degreeconferring colleges
- .913 Blind-def
- .916 Crippled
- .92 Mentally defectiv  
 Divided like 132. See also 362.3 Idiot asylums, 920.8 Lives of idiots, cranks, etc.
- .93 Morally defectiv Delinquents  
 See also 364 Reformatories. Criminal classes
- .94 Other abnormal classes  
 See also 136.764-9 in Childstudy
- .945 Exceptionals Precocity
- .947 Dependents  
 See also 362 Hospitals, asylums and allied societies
- .95
- .96 Special ranks  
 See also 375.002 Courses for different social classes
- .961 Princes
- .962 Nobles
- .97 Special types  
 See also 136.77 Boys, the 'gang'
- .974 Freedmen Negroes  
 See also 378.75-.76 for degreeconferring colleges
- .975 Indians
- .976 Orientals
- .98 Special nationalities  
 Special schools for foreners; e. g. Germans, Hungarians, Russians, Japanese in United States
- .99 Coeducation of races

**372 Elementary education**

Primary schools. Dame schools. Infant schools (under 7 years)  
 See also Day nurseries 362.7; Minding schools 362.5 or 362.7; Crèches 362.7  
**Pedagogs and didactics of primary schools**

**.01****.1**

May be used like 136.7 by those who insist on having childstudy with education.

**.2****Kindergarten**

See also 371.44 Pestalozzian, for theory and early history. Put Fröbel's work and development of his system here

**Theory Principles**

**.201****.202****.203****.204****Essays****.205****Periodicals****.206****Societies****.207****Training of kindergartners****.208****.209****History**

Divided if wisht like 940-999

**.21****Methods****.211****Gifts and occupations****.212****Gifts****.213****Occupations****.214****Stories****.215****Songs and games****.22****Influence of kindergarten****.23****Relation to other schools****.3****Observing powers Object teaching Science****.35****Nature study**

Divided like 500-599; e.g. Birds 372.35982

**.36****Gardening****.4****Reading Alfabet Fonics and word methods****Spelling**

See also 428.6 Elementary readers

**.45****Simultaneous teaching of reading, writing and spelling****.5****Elementary writing and manual work**

See also 741 Freehand drawing

**.51****Writing**

First efforts, imitating printed roman letters

**.52****Drawing Design**

See also 741 Drawing

**.53****Clay modeling****.54****Sewing, etc.****.55****Elementary basketry, weaving and braiding**



EDUCATION

- 372.6 Elementary grammar Language lessons**  
See also 400 Philology, subdivision 8 under each language
- .61 **Mother tung**
- .65 **Second language**
- .7 **Elementary arithmetic**  
Including mental arithmetic. See also 511. For Abacus see 511.2
- .8 **Other studies**  
Divided if wisht like 010-999; e.g. 372.82 Religion
- .89 **Elementary geografy**  
See also 910.7. Elementary textbooks may be put with their subjects but a primer of geografy is more useful to a student of elementary schools and methods than to one interested in Geografy, Description, and Travel. Text books, except primary, go with their subjects
- .9 **Special countries and schools: history, reports, etc.**  
Divided like 940-999; e.g. 372.942 English elementary schools. Put here elementary schools whether public, endowd or private

**373 Secondary Academic Preparatory**

Class here discussions of general theories, methods, etc. pertaining specifically to secondary education, regardless of source of support. Class here also all private or endowd secondary schools for boys or both sexes; but class all public (taxsupported) schools in 379.4-9, all primary schools (regardless of support) in 372.9, all schools and colleges solely for women in 376, and all colleges for men or coeducation in 378. Class methods and questions peculiar to monastic, diocesan and parochial schools in 377, but class the schools themselves in 372, 373, 378, etc. according to their grades  
For specific topics see 371

- .1 **Private instruction: tutor, governess, coach**
- .11 **Relativ advantages of instruction at home and in school**  
See also 371.394 Individual instruction
- .2 **Day schools Boarding schools**
- .4-9 **Special countries and schools: history, reports, etc.**  
Divide like 940-999; e.g. 373.42 Higher English schools, Eton, Harrow, etc.

## 374 Home education Self education and culture

Cultural, personal aspect of education

Subdivided by 0 with form numbers if wisht; e.g. 374.05 magazines pertaining to this work, 374.06 Conferences, conventions, institutes, general meetings.

The term Home education covers the broad field of adult self education thru private reading, study clubs and reading circles, summer, vacation, evening and correspondence schools, lecture courses and other forms of extension teaching and other agencies for extending more widely opportunities and facilities for education outside the usual teaching institutions.

For relations of this work to libraries, the natural centers for such activities, see 021.2 See also 378.13 University extension

*With or without personal guidance***.1 Solitary study Private reading Conversation**

Advantages to be derived from reading. Study alone with or without aid of reading lists, syllabuses, etc.

Reading lists themselves, syllabuses and other aids to study belong with other bibliographies (016) or with compends under their subjects. They may however, if preferd, be kept together under 374.19, divided like the classification; e.g. syllabus on English history 374.19942; on library economy 374.1902

See 028, for preparation of guides, policy, methods, etc.

Vocational guidance Choice of vocation is clast here because usually discust with self education and closely related to it and preparation for life, and is also often determind thru personal advice or conversation

**.2 Associated study Clubs****.21 Study clubs**

Class here 'travel clubs' which study about places without traveling to see them. See also 374.25

**.22 Reading circles Book and periodical clubs****.23 Lyceums Literary clubs****.24 Debating societies Oratorical clubs****.245 Interschool and intercollegiate debates**

For interschool literary contests see 371.535

**.25 Traveling clubs Educational value of travel**

Clubs which travel for education. See also 371.392, 371.393, 374.21

**.28 Community centers**

Whole community as a club of varied interests. Put here discussion of use of school bildings for various community purposes

**.3***With personal guidance*

Either alone or in groups, clubs or classes

**.4 Correspondence teaching Manuscript aids**

Including methods of correspondence teaching

**.43 Societies for encouraging home study****.44-49 Correspondence schools**

General schools divided like 940-999. Special schools are better clast with their subject, with only a reference here: e.g. correspondence schools of agriculture 630.714

**.5 Lectures**

Single lectures, or series of lectures on different subjects; courses on the same subject unsupported by any other of the 7 factors of a complete extension course: i.e.

1 Lectures 3 Class 5 Guided reading 7 Examination  
2 Syllabus 4 Papers 6 Club

EDUCATION

- 374.6 Extension courses      Lecture study**  
    .62      Lecture study  
            3 or more lectures on the same subject, with 2 or more of the 7 factors  
    .64      Extension courses  
            5 or more lectures on the same subject with 4 or more of the 7 factors  
    .8      **Continuation schools**  
            Summer, winter, vacation, night (adult) etc. German auxiliary schools  
            Divided like 940-999 For evening or night schools see also 379.19  
    .9      **Central organizations, state departments, institutes**  
            N.Y. state library extension division, Brooklyn institute, Cooper institute  
            Chautauqua, etc.

**375 Curriculum**

- .001      Order of studies  
.002      Single course  
.003      Parallel courses  
.004      Optional courses      Electiv system  
.005      Balanced courses      Group system  
            **Special topics**  
.006      Overcrowding curriculum  
.007      Courses for different classes of society  
    1      For bredwinning vs culture  
    2      Failure of course to develop efficiency  
.008      Courses for schools of special kinds  
            Courses in schools of Roman catholic order of St Ann; outline of study  
            for common schools; courses in French lycées, etc.  
            See also special schools under their respectiv subjects  
.009      **Courses for institutions in special countries**  
            Divided like 900. See also 379.4-9

**.01-9 Subjects of study**

Divided like the classification 010-999; e.g. 375.5 Place of science in the curriculum, 375.84 French literature in the curriculum, 375.88 Classics in the curriculum  
Methods of teaching individual subjects, also textbooks, may be kept with educational literature by adding letters to 375 as follows: A general, B educational value of specific subjects, C place in curriculum, D methods of teaching specific subjects, E textbooks;  
e.g. 375.32 B Educational value of political science  
375.32 C Place of political science in the curriculum

**376 Education of women**

See also 396.4

- .1      **Physical capacity of women**  
.2      **Mental capacity of women**  
            See also 136.1 Mental characteristics as influenced by sex  
.3      **Home or domestic instruction**  
            By tutor or governess. See also 374  
.4      **Fashionable education      'Finishing' schools**  
            Discussion. For prospectuses, catalogs, etc, see 376.9  
.5      **Convent education**  
            Discussion. For prospectuses, catalogs, etc, see 376.9

DECIMAL CLASSIFICATION

- 376.6 Higher education of women**  
 Secondary and college
- .63 Secondary: preparatory schools for girls**  
 All between primary and college. Discussion. For girls highschools see 379.4-.9; for private preparatory schools see 376.9
- .64 Influence of college education on women**
- .66 Associations of college women**  
 Association of collegiate alumnae. Alumnae of a single college with that college
- .7 Coeducation Segregation Separation**  
 Discussion of collegiate education of women in separate institutions or those for both sexes, whether in the same or separate classes. See 378 for coeducational institutions, 376.8 for separately organized colleges, either affiliated like Barnard and Radcliffe or independent like Vassar, Smith, etc. Class here by attraction general discussion of coeducation of sexes in college and secondary school
- .8 Colleges for women**  
 Degreeconferring colleges go here. Arrange material of each college by "Table for school and college publications" following 378.99. All other schools for women go in 376.9
- .9 Special countries and schools: history, reports, etc.**  
 Subdivided like 940-999; e.g. 376.943 Education of women in Germany
- 377 Religious, ethical and secular education**  
 Relations of religious to secular education. For inculcation as well as actual teaching of definit ethical or religious doctrines see 375; e. g. instruction in duties of citizenship, patriotism 375.172, course in Christian evidences 375.239. Class catalogs, history, etc. of a denominational school regardless of religious affiliation, but class here books dealing in general with schools of a certain denomination or order; e.g. educational system of the Jesuits 377.35
- .1 Religious instruction Bible in public schools**  
 Including sectarian instruction or influence in public schools. Public school teachers in religious garb. Conscience clause of English elementary school code
- .2 Ethical education**  
 Ethical training, without religious teaching, as advocated by ethical societies. See also 170.7 Study of ethics; 375.17 Place of ethics in curriculum
- .3 Monastic or abbey schools**  
 Ecoles congréganistes. Divide like 271. See also 271 Monastic orders; 376.5 Convent education of girls
- .4 Diocesan schools Cathedral schools**  
 Domschulen, stiftschulen
- .5 Parochial schools**  
 See also 257 Parochial schools
- .6 Missionary schools**  
 Establishment and conduct of schools as part of mission work. See also 266 Missions
- .7 Charity schools**  
 Mainly for elementary education. See also 361 Charitable institutions
- .8 Church and education**  
 Subdivided like 280; e.g. 377.82 Relation of Roman catholic church to education. Discussion of denominational schools or educational associations e.g. 377.82 Association of Catholic colleges of United States. See also 261.5 Church and intellectual development
- .9 Nonchristian religions and education**  
 Subdivided like 290; e.g. 377.97 Relation of Mohammedanism to education

## 378 Colleges and universities

With power to confer degrees. For men only and for both sexes. For women's colleges see 376.8

- .01 **Definition of college and university**    **Aim**  
Advantages and influence of college training; e.g. on business capacity
- .014 **College terminology, 'slang'**  
Including also student slang. See also 427, 437, etc.
- .05 **Academic periodicals**  
Periodicals devoted to college and university interests. Those issued by colleges, schools, etc. are scattered either by subject or under college numbers
- .06 **General college associations**  
Association of New England colleges    See also 370.6
- .068 **Associated alumni**    **University clubs**  
For alumni associations of any one college, see T under college number
- .069 **Duties of college men as a body**
- .1 **Organization**    **Government**    **Location**    **Scope,**  
**field**  
Classes, colleges, graduate departments, etc.
- .11 **Administrativ officers**
- .113 **Disciplinary officers, judicial corps, university court**  
President, deans, etc.
- .12 **Teaching staff**    **Faculty**  
Exchange of professors. For qualifications see 371.11
- .121 **Freedom of teaching**  
See also political science, 323.444
- .13 **University extension**  
Conducted by universities. See also 374
- .14 **College year**    **Summer or vacation instruction**  
**All the year session**
- .15 **Location and size**    **Large vs small**
- .153 **City vs country colleges**
- .16
- .17
- .2 **Academic degrees and costume**    **College colors**  
See also 614.21    **Medical degrees**
- Degrees**
- .21 **Degree conferring body and powers**  
College, university or state. See also 614.21    **State regulation of medical education**
- .22 **Graded degrees**  
Pass, honor, cum laude, magna cum laude, etc.
- .23 **Degrees in course**  
Advanced degrees conferrd at specified periods on graduates in good standing, without evidence of advanced attainments

DECIMAL CLASSIFICATION

- 378.24 Degrees for completion of courses  
     With or without examination
- .241 Time and residence required Length of college course
- .242 Subjects allowable for liberal degree  
     Whether technical courses should be credited toward liberal degrees
- .243 Differentiation of degrees: B.A. B.S. B.L. etc.
- .244 Degrees on examination  
     With or without residence
- .25 Honorary degrees
- .26 Degrees by purchase or forgery
- Insignia**
- .27 Seal Coat of arms Motto
- .28 Colors: institution and class College flags
- .29 Academic gowns and hoods
- .3 Endowment of research Fellowships Scholarships Student aid
- .31
- .32 Endowment of research  
     Carnegie institution. Incentives to research. Prizes. Opportunities for research. Nobel prizes. Competitions
- .33 Fellowships
- .34 Scholarships  
     Rhodes scholarships Traveling scholarships
- .35
- .36 Student income and expenses
- .362 Loan funds Student aid societies
- .364 College employment bureaus Faculty committees  
     Other organizations for securing work for students
- .365 Student earnings  
     Working way thru college Ways of earning
- .368 Student expenses: extravagance, economy
- .4-.98 **Special countries and colleges: history, reports, etc.**

For women's colleges, see 376.8

Subdivide like 940-999; e.g. 378.42 English universities; 378.741 Maine colleges

The various colleges of any section may be given each a number or be arranged alphabetically. Under each college arrange publications by the following table, placing these letters *after* the letter (or letter and figures) used to designate the college; e.g. a history of Harvard college would be marked 378.744 H E, and a second history would be numbered 378.744 H E1. The practical convenience of this plan outweighs the objection that it introduces classification into the book numbers

If preferred, colleges and universities may be arranged alphabetically under continent number, instead of being class first by country or state; e.g. European universities under 378.4 in alfabetic order regardless of country, United States colleges and universities all in one alfabet under 378.73

## EDUCATION

### 378.99 Professional, technical and other special schools Professional education

Best kept with subject, but may be compactly group here. Divided like the classification: e.g. 378.992 Theologic schools, 378.9934 Law schools, 378.9961 Medical schools

#### TABLE FOR SCHOOL AND COLLEGE PUBLICATIONS

- A Charter and statutes
- B Trustees Regents Resolutions, reports, etc
- C Administration President, chancellor Reports, etc
- D Finances Treasurer's reports
- E History Foundation, growth, etc
- F Biografy Necrology
- G General catalogs Triennials, etc
- H Annual catalogs Attendance, registers, etc
- I Handbooks Circulars of information
- J Bulletins Official periodicals
- K Commencements, inaugurals, etc Baccalaureate and other addresses
- L Programs Tickets Memorabilia
- M Faculty (as a body) Publications Regulations Certificates for admission
- N Lectures Class manuals Examination questions
- O Student theses Orations, essays, etc
- P Student catalogs Society annuals, etc
- Q Student periodicals
- R Student societies, including periodicals
- S Student miscellany Songs Class day, etc
- T Alumni Societies, committees, etc
- U Classes Histories, records, etc
- V Pictures Class albums
- W Bildings and grounds Descriptions, maps, etc
- Z Schools: divinity, law, medical, etc

### 379 Public schools Relation of state to education

- .I **Public school system**
- .II **School funds**
- .12 **National and state aid to education**
- .121 **Public aid to private and sectarian schools**
- .123 **Land grants**  
See also 336.14 Public finance
- .124 **Subsidies**
- .13 **Local support**  
Taxation Bonds Endowment Nonresident tuition See also 336.28 Taxation

DECIMAL CLASSIFICATION

- 379.14 School laws and regulations      School age  
           Divided like 940-999
- .15 School supervision and control: national, state  
       and local      Centralization
- .151      National
- .152      State: department, inspectors, etc.
- .153      Local: superintendent, school committee, board  
           Supplies, free textbooks, etc. For school meals see 371.716
- .154      Individual: parents and others
- .156      State textbooks
- .16 Public colleges and universities: national, state  
       and local  
           Only discussion here; for individual colleges see 378.4-.9
- .17 Secondary schools  
           Discussion. For individual schools see 379.4-.9
- .171      Highschools      Academies  
           • 6 year highschools
- .172      Grammar schools
- .173      Rural schools
- .175      Central plan      Conveying pupils
- .18 Primary schools      Kindergartens  
           Questions of public maintenance. For individual schools see 372.9
- .19 Evening schools  
           See also 374.8
- .2 Illiteracy      Instruction of illiterates
- .21 Illiteracy and crime      Education and crime  
       Criminal illiterates
- .22 Illiteracy and pauperism      Indigent illiterates  
           See also 339 Pauperism; 362.5 Pauper asylums
- .23 Compulsory education  
           See also 371.52 Truancy
- .24
- .3 Public vs private and endowd schools
- .4-.9 Special countries, sections, cities, etc.  
       Subdivided like 940-999: e.g. 379.73 Reports of U.S. commissioner  
       of education; 379.744 Education in Massachusetts; 379.7471 in New  
       York city. Keep state departments separate from city and other local  
       systems by numbering state reports. A1-A8, using A9 followed by  
       author's initial (lower case) for history of schools of any state; e.g.  
       Fitch's *New York public schools* 379.747 A9f



## 380 Commerce Communication

Public utilities. The technical side of these questions goes mostly in 650 Useful arts.  
Here belong discussions of social and political relations.

.16 Government control of public utilities

381 Domestic trade

382 Foren trade Consular reports

Trade between mother country and colony

383 Postal servis

See also 353.4 U. S. administration

384 Telegraf Cable Telefone

See also 621.38 and 654

385 Railroad and express

Government ownership or control. Interstate commerce commission. See also 656  
Railroading

386 Canal and highway transport

Stages (horse or motor)

See also useful arts, 656 Transportation

387 River, lake, ocean and air transport

History of shipping. Ship subsidies

See also useful arts, 656 Transportation

388 Local transit: city and interurban

See also engineering 625

389 Weights and mesures Metrology

See also 658 Business manuals

**390 Customs Costumes Popular life**

These heads are for discussions by topic. Customs, etc. of any special country go in 913-919. Books on a special topic in a special country go here, as the grouping by topics is the more important; e. g. Marriage in Japan is 392.5, but Japanese customs, 915.2. For customs of primitiv man, see 571

**391 Costume and care of person**

See also 646 Clothing; 613.4 Hygiene

- .1 Costumes of men**
- .2 " " women**
- .3 " " children**
- .4 Extremitities: hats, gloves, sandals, shoes, stockings, etc.**
- .5 Hairdressing Barbers**  
See also 646.7 Toilet
- .6 Care of person Bathing Toilet**
- .7 Ornaments and jewelry**
- .8**

**392 Birth, home, and sex customs**

- .1 Birth customs: christening, circumcision**
- .2 Sacrifice and exposure**  
See also ethics, 173.4 Infanticide
- .3 Family and home relations**
- .4 Betrothal**
- .5 Marriage**
- .6 Sex relations Concubinage**

**393 Treatment of the dead**

See also 614.6 Public helth

- .1 Earth burial**  
See also 719 Cemeteries
- .2 Cremation**
- .3 Embalming, mummies**
- .4 Exposure**
- .9 Special funeral customs: wake, suttee**

**394 Public and social customs**

- .1 Eating, banquets**
- .2 Shows and diversions**
- .3 Games Dances, etc.**
- .4 Ceremonies**  
Coronations, durbars, etc.
- .5 Processions Pageants**
- .6 Fairs Kermess**
- .7 Chivalry Tournaments**
- .8 Dueling Suicide**

For other relations see Dueling in Relativ index following Tables

- 395 **Etiquet**  
 Codes of social procedure and behavior. For social ethics see 177
- 396 **Woman's position and treatment**  
 For costumes, see 391.2; biography, 920.7  
 If a special library about women is wisht, 396 is the best place for it. Suffrage, education, and employment can then be put here, with references from 324.3, 376, 331.4, etc. but it would be unwise to bring everything about women here, e. g. to remove 618, Diseases of women, from the rest of medicin. Books on woman in general go in 396
- .1 **Emancipation**
- .2 **Legal status, property, rights, etc.**
- .3 **Political status**  
 See 324.3, Suffrage; 329.83, Woman suffrage party
- .4 **Education**  
 See also 376, Education of women
- .5 **Employment**  
 See 331.4, Labor of women; 371.18, Teachers  
 Divided like the general classification; e. g. woman as scientist, 396.55; woman's exchange, 396.56; woman as painter, 396.575; woman as author, 396.58, etc.
- .6 **Woman in home**
- .7 **Delineation of woman in art**
- .8 **Delineation of woman in literature**
- .9 **Woman in history, politics, war**      **Amazons**
- 397 **Gypsies Nomads Outcast races**  
 People without nationalities who do not coalesce with the ruling people among whom they live. This includes Gipsy language, which till recently had no place in the linguistic groups of 400, as the Gipsy people have no place in the geographic divisions of history
- 398 **Folklore Proverbs, etc.**  
 See also 291-3 Mythology  
 This section is for material needed in studying Folklore. Mere stories for children, unless having a value to students of folklore, go in 823, or in J, if there is a Juvenil collection
- .1 **Primitiv traditions**
- .2 **Legends, tales, traditions**  
 Legends of Arthur, Charlemagne, Roland, Faust, Reynard the fox, etc. But poems, dramas, etc. bascd on these legends class in literature
- .3 **Folklore, traditional beliefs and customs, popular superstitions**
- .4 **Fairies, elvs, ogers, monsters**  
 Bogies, gnomes, dragons, vampires, werewolvs, etc.
- .5 **Chapbooks**
- .6 **Riddles**
- .7 **Dream books**
- .8 **Song books**  
 Including only popular collections, hardly ranking with Poetry or Music, but useful in the study of Folklore, etc.
- .9 **Proverbs**
- 399 **Customs of war**  
 Weapons War dances Treatment of captivs Scalping Mutilation Burning Cannibalism See also 623.4 Firearms

# Philology

## 400 Philology in general

In philology the general works put under 400-419 deal almost entirely with the Indo-European languages. They are put here because they cover most of the divisions of this class, and in practice are most convenient here. Under 439, 479 and 489 are placed books limited to the Teutonic, Romance, or Hellenic groups, and under 491 are placed only such general works as are specifically limited to the Indo-European group

- 401 Philosophy Origin of language
- 402 Compendis, outlines
- 403 Dictionaries, cyclopedias
- 404 Essays, lectures, addresses
- 405 Periodicals
- 406 Societies, transactions, etc.
- 407 Education, teaching languages
- 408 Polygraphy Collections
  - .9 Universal language
  - .91 Volapük
- 409 History of language

## 410 Comparativ

410-419 includes *comparativ* works in *general* and also those on the Indo-European group in *general*, but *general and comparativ* works on Teutonic group are 439; on Romance group 479; on Hellenic group 489. Everything about an individual language is put with that language. 410-418 may be subdivided like 420-428

- 411 Orthography Orthoepy Alphabets
- 412 Etymology, derivation
- 413 Dictionaries, lexicography
- 414 Phonology Visible speech
  - See also 612.78 Physiology of speech
- 415 Grammar, morphology, syntax
- 416 Prosody
- 417 Inscriptions Paleography
  - See 421.7, 471.7, 481.7, etc. Rare early mss are put in 091
- 418 Texts
- 419 Hieroglyphics
  - See also 493.1
- .1 Sign language
  - For deaf mute alphabets, see 371.912

## 420 English philology

.1 Philosophy .2 Compendis .4 Essays .5 Periodicals .6 Societies .7 Study and teaching .8 Collectiv works .9 History of the language

## 421 Orthografy

See also this hed treated in general grammar, placed under 425

### .1 Alfabet

For def mute alfabet, see 371.912

### .2 Vowels Difthongs Aspirates

### .3 Consonants

### .4 Phonetic spelling Spelling reform

### .5 Orthoepey

### .6 Accent

### .7 Paleografy Incriptions

### .8 Abbreviations

For stenografic and other uncommon contractions and abbreviations, see 653 Shorthand

### .9 Punctuation

## 422 Etymology Derivation

422 is limited to derivation. For inflection, also called etymology, see 425.1

### .1 Origin and laws of language

### .2 Prefixes Suffixes

### .3 Reduplication

### .4 Foren elements

### .5 Noun forms: case, number, diminutivs

### .6 Adjectival forms Degrees of comparison

### .7 Pronominal forms: personal, possessiv, relativ, etc.

### .8 Verbal forms: moods, tense, voice, etc.

### .9 Particles: adverbs, prepositions, etc.

## 423 Dictionaries Idioms

.1 Idioms .2 English .3 German, etc. Put a dictionary of two languages with the less known language. Under 423 put only English-English dictionaries. Put an English-French dictionary with French, 443.2; a French-Latin dictionary with Latin, 473.4. If in several languages, put with 413, or with least known. Put French-French dictionaries 443, not 443.4, so that the standard home dictionaries shall come first in each language. This plan brings together under each of the less known, all the dictionaries for translating either into or from that language. Some prefer to put each dictionary under the first language; i. e. that by which it is alfabeted. This gives under *each* language, regardless of its familiarity, *all* dictionaries for translating *from* it, but none for translating *into* it. These must be sought under the language from which the translation is to be made. For a cosmopolitan library this plan is simplest and best; but in an English library, the first plan, with only English dictionaries in 423, and both *in* and *out* dictionaries together under little known tungs is more convenient. References in either case show what may be found in the other place

## 424 Synonyms Homonyms

DECIMAL CLASSIFICATION

- 425 Grammar**  
*425 includes general works, covering also orthography and prosody*
- .1 Morphology Inflection**  
*Divided like 425.2 Syntax; e. g. .5 Nouns, etc. See 422*
  - .2 Syntax**
  - .3 Arrangement of words and clauses**
  - .4 Particular sentences: conditional, hypothetic, etc.**
  - .5 Nouns**
  - .6 Adjectivs Articles**
  - .7 Pronouns**
  - .8 Verbs**
  - .9 Particles**
- 426 Prosody**  
*See also the hed Prosody, in general grammars 425*
- .1 Quantity and accent**
  - .2 Versification**
  - .3 Feet**
  - .4 Figures of prosody**
  - .5 Meters**
  - .6 Rimes**
  - .7 Strophe and antistrophe**
  - .8 Textbooks for writing verse**
  - .9**
- 427 Dialects Early forms of language Slang**  
*Subdivided by geografic divisions like 942. The Yorkshire dialect is 427.74; Gloucestershire dialect 427.41. The dialects of other languages take the geografic subdivisions of their countries. Dialects not provided for in these heds are placed with the last; e. g. American and Scotch with 427.9. The division by time is made with a 5th figure after 0; the earliest form of the language is markt .01; .09 is used for modern slang, e. g. 427.01 Old English*
- 428 School books Texts for learning the language**  
*Including only books for learning the language, with grammatic or philologic notes, etc. For other works see literature of the language, 820*
- .1 Spelling books**
  - .2 First lessons Elementary composition** *For Rhetoric see 808. Including in other languages books like Fasquelle, Ollendorff, Chardenal, Latin prose, etc. See also 372.6, Elementary grammars*
  - .3 Errors of speech Vulgarisms Use of words**  
*See 427.09 Slang; 424 Synonyms*
  - .6 Elementary readers** *See also 372.4 Education*  
*For primers and primary readers see 372.4. Class here 3d and 4th readers, and put higher readers with literature collections; 808.8 if general, 820.8 if English or English and American, etc.*
  - .7 Selections**
  - .8 Texts of individual authors**  
*With grammatic notes and questions. Preferably clast in 800 with cross references here*
  - .9 Examination papers**
- 429 Anglo-Saxon**

**430 German**

437.01 Old High German; 437.02 Middle High German

**439 Minor Teutonic**

Including general works on Teutonic group

- .1 **Low German**
- .2 **Frisian Old Saxon**
- .3 **Dutch Flemish**
- .4 **Plattdeutsch**
- .5 **Scandinavian**
- .6 **Old Norse Icelandic Faroese**
- .7 **Swedish**
- .8 **Danish Norwegian**
- .9 **Gothic**

**440 French**

Old French, as the earliest form of the language, is 447.01

447.9 **Canadian and creole French, etc.:**449 **Provençal Catalan****450 Italian**459 **Wallachian Rumanian**.9 **Romansh****460 Spanish**469 **Portuguese****470 Latin**479 **Minor Italic Medieval Latin**

Including general works on Romance group

**480 Greek**

Divide 487, Greek dialects, like 930; e. g. 487.2 Alexandrian Greek; 487.3 New Testament Greek; 487.81 Macedonian; 487.923 Ionic, etc.

**489 Minor Hellenic Modern Greek**

Including general works on Hellenic group

Works on Latin and Greek together, unless very clearly most useful in Latin, go with Greek, which here as well as elsewhere is made to include general works on the ancient classics

**490 Minor languages**

Each language subdivided if wisht like 420 English

**491 Minor Indo-European**

Besides Teutonic, 420-439; Italic, 440-479; and Hellenic, 480-489  
 This hed, 491, includes general works on the Indo-European tungs, but  
 general works on the Teutonic languages go in 439, on the Romance group in  
 479, on the Hellenic group in 489, while most of the material placed under  
 400-419 is really Indo-European; but see also 410

- .1 Indic**
- .2 Sanskrit**
- .27 Sanskrit dialects Prakrit**
- .3 Pali**
- .4 Modern East Indian languages**  
 Excluding Dravidian, which is 494
- .41 Sindi
- .42 Panjabi
- .43 Hindustani Hindi
- .44 Bengali
- .45 Uriya Orissa
- .46 Marathi
- .47 Gujerati
- .48 Singhalese
- .49
- .5 Iranic**
- .51 Old Persian
- .52 Zend (Avestan) Old Bactrian
- .53 Pehlevi (Huzwaresh)
- .54 Armenian
- .55 Modern Persian
- .56 Ossetic
- .57 Kurdish
- .58 Afghani
- .59
- .6 Keltic**
- .61 Gadhelic group
- .62 Irish
- .63 Gaelic or Scotch
- .64 Manx
- .65 Cymric group
- .66 Welsh or Cymric
- .67 Cornish
- .68 Armorican or Bas Breton
- .69 Basque**
- .7 Russian**
- .79 Ruthenian



PHILOLOGY

- 491.8 Other Slavonic**  
Southeast Slavonic group  
.81 Bulgarian (Church Slavonic)  
.82 Serbian  
.83 Kroatian  
.84 Slovenian  
West Slavonic group  
.85 Polish  
.86 Bohemian  
.87 Moravian Slovakian  
.88 Sorbian  
.89 Polabian  
.9 Lettic  
.91 Old Prussian  
.92 Lithuanian  
.93 Lettish (Livonian)
- 492 Semitic**  
Northern group  
.1 Aramaic  
.19 Babylon and Nineveh cuneiform  
.2 Chaldee  
.3 Syriac (Peshito)  
Central group  
.4 Hebrew  
.5 Samaritan  
.6 Phenician (Carthaginian)  
Southern group  
.7 Arabic  
.8 Ethiopic (Amharic)  
.9 Himyaritic
- 493 Hamitic**  
.1 Old Egyptian  
See 419 Hieroglyphics  
.2 Coptic
- 494 Scythian Ural-Altai Turanian**  
Dravidian Tamil Finnish Turkish Magyar, Hungarian
- 495 Eastern Asiatic Chinese Japanese**  
**496 African**  
Excluding 493 Hamitic, 492.8 Ethiopic, etc. included in families above
- 497 North American**  
**498 South American**  
**499 Malay-Polynesian and other**

# Natural Science

## 500 Science in general

501-509 all have *Science in general* as their subject, but it is treated in these various forms. A periodical on *Chemistry* goes with 540.5, not 505, which is only for periodicals on Science in general. 0 in any class number in any part of the classification shows the subject to be general, not specific

501 Philosophy, theories, utilities, etc.

502 Compends, outlines Ancient and medieval science

503 Dictionaries, cyclopedias

504 Essays, lectures, addresses

505 Periodicals, scientific magazines

506 Societies: transactions, etc.

507 Education, methods of teaching and study

Museums

508 Polygraphy: collected works, extracts, etc.

.1 Extracts .2 .3 General scientific travels .4—.9 Travels and surveys (if general) divided geographically like 940-999

509 History of science

## 510 Mathematics

Works on *Mathematics in general* not limited to any one or two sections, are groupd by form of treatment like Science in general above; i. e. into Mathematical

510.1 Philosophy .2 Collections, compends .3 Dictionaries .4 Essays, papers tracts, letters .5 Periodicals .6 Societies .7 Education .8 Logarithmic and other tables, instruments .9 History

## 511 Arithmetic

See 372.7 Teaching elementary arithmetic

.1 Systems of arithmetic

See also 512.81 Theory of numbers

.2 Notation and numeration Fundamental rules Abacus

.3 Prime numbers

.4 Fractions

.5 Analysis Permutation and combination

.6 Proportion and progression

.61 Magic squares

.7 Involution and evolution

.8 Mercantil rules Interest Alligation Mensuration

Gaging

See also 658 Business manuals

.9 Problems and tables

512 Algebra

- .1 Systems of algebra
- .2 Numeric equations    Imaginary expressions
  - .21 Equations, 1st to 4th degrees
  - .22 Higher numeric equations
  - .23 Indeterminate equations    Diophantin analysis
  - .24 Imaginary expressions
- .3 Algebraic equations    Maxima and minima
- .4 Series    Fractions    Binomial theorem    Taylor's theorem
- .5 Combinatory analysis
- .6 Proportion and progression
- .7 Involution and evolution
- .8 Higher algebra
  - .81 Theory of numbers    See 511.1 Systems of arithmetic
  - .82 Theory of equations    Complex variable    See also 517.8
  - .83 Determinants
  - .84 Symmetric functions
  - .85 Elimination: eliminants and discriminants
  - .86 Transformations    Substitutions
  - .87 Quantics
  - .88 Invariants    Covariants    Contravariants
  - .89
- .9 Problems and tables

513 Geometry

Plane and solid geometry bound together is put 513. Descriptive geometry is 515  
See also 744 Mathematic drawing

- .1 Plane geometry
  - .11 Right lines
    - .12 Intersecting lines
    - .13 Parallel lines
    - .14 Triangles
    - .15 Quadrilaterals
    - .16 Other polygons
    - .17 Similarity
    - .18 Areas
    - .19 Maxima and minima
  - .2 Curvs
    - .21 Circles
    - .22 Conic sections
      - .23 Ellipse
      - .24 Hyperbola
      - .25 Parabola
    - .26 Higher plane curvs

DECIMAL CLASSIFICATION

- 513.3 Volumetric or solid geometry**
  - .31 Lines and planes
  - .32 Intersecting planes
  - .33 Parallel planes
  - .34 Polyhedrons
  - .35 Pyramids
  - .36 Prisms
  - .37 Regular
  - .4 With curvd surfaces
    - .41 Sphere
    - .42 Cone
    - .43 Cylinder
  - .5 **Modern geometry**
    - .51 Points Lines Planes Duality
    - .52 Transversals
    - .53 Cones Conics Involution
    - .54 Radical axes and centers of similitude
    - .55 Poles and polars Reciprocal polars
    - .56 Harmonic and anharmonic properties
    - .57 Correspondence Correlation of figures
    - .58 Quadric surfaces: spheroconics, curvs of double curvature
    - .59 Surfaces of higher order: cubics
    - .6
    - .7
  - .8 **Absolute or non-Euclidean geometry**
  - .9 **Problems**
- 514 Trigonometry**
  - .1 **Trigonometric functions** General formulas See 522.7
  - .2 **Trigonometric series**
  - .3 **Exponential formulas**
  - .4 **Solution of trigonometric equations**
  - .5 **Plane trigonometry: solution of plane triangles; analytic**
  - .6 **Spheric trigonometry** General formulas
    - .7 Solution of spheric triangles
  - .8 **Differences of triangles, plane and spheric**
  - .9 **Problems**

515 Descriptiv geometry and projections

See also 744 Mathematical drawing

- .1 **Orthogonal projection on 2 planes**
- .11 Straight lines Planes
- .12 Single curvd lines
- .13 Double curvd lines
- .14 Single curvd surfaces
- .15 Double curvd surfaces
- .16 Surfaces of revolution
- .17 Warpt surfaces
- .18 Intersections of surfaces
- .2 **Isometric and analogous projections**
- .3 **Oblique projection**
- .4 **Conic projection**
- .5 **Spheric projection** See 526.8 Map projection
- .51 Orthografic
- .52 Globular
- .53 Stereografic
- .54 Polar
- .55 Gnomonic
- .56 Conic
- .57 Cylindric
- .6 **Perspectiv** See also 742 Drawing
- .61 Plane Parallel Oblique Angular  
See also Scene painting
- .62 Cylindric  
See also Panorama painting
- .63 Shadows; natural and artificial light
- .64 Reflections
- .65 Circles, cylinders and spheres
- .66 Distortions and corrections
- .67 Human figure
- .68 New methods Special devices
- .7 **Shades and shadows**
- .8 **Stereotomy**
- .81 Stonecutting See also 693.12 Masonry; 730 Sculpture
- .82 Carpentry See also 694 Bilding
- .83 Stairbilding See also 694.8 Bilding; 729.39 Architectural design

516 Analytic geometry

- .1 **Plane loci**
- .11 Right lines
- .12
- .13
- .14 Transformation of coordinates
- .2 **Curvs**
- .21
- .22 Conic sections
- .23 Ellipse
- .24 Hyperbola
- .25 Parabola
- .26 Higher plane curvs
- .3 **Loci in space**
- .31 CARTESIAN Right lines
- .32 Planes
- .33
- .34 Transformation of coordinates
- .4 **Curvd surfaces**
- .41
- .42 Conicoids or quadric surfaces
- .43 Ellipsoid
- .44 Hyperboloid
- .45 Paraboloid
- .46 Surfaces of higher order
- .5 **Modern analytic geometry**
- .51 Systems of coordinates
- .52 Abridged notation
- .53 Conics
- .54 Higher plane curvs
- .55 Poles and polars Reciprocal polars
- .56 Harmonic and anharmonic properties
- .57 Method of projection
- .58 Quadric surfaces: spheroconics, curvs of double curvatures
- .59 Surfaces of higher order: cubics
- .6
- .7
- .8 **Quaternions: calculus of direction and position**
- .9 **Problems**

**517 Calculus**

- .1 Infinitesimal Method of exhaustions**  
Differential and Integral calculus, bound together, is put here
- .2 Differential**
  - .21 Series
  - .22 Indeterminate forms
  - .23 Change of the independent variable
  - .24 Theory of plane curvs    Curv tracing
  - .25
  - .26 Theory of curvd surfaces
  - .27 Maxima and minima
  - .28
  - .29 Problems
- .3 Integral**
  - .31 Formulas of reduction and integration
  - .32 Definit integrals    Eulerian integrals
  - .33 Rectification    Quadrature    Cubature
  - .34 Multiple integrals
  - .35 Laplace's functions    Bessel's and allied functions
  - .36 Elliptic and hyperelliptic functions    Abelian functions
  - .37
  - .38 Differential and partial differential equations
  - .39 Problems and tables
- .4 Of variations**
- .5 Of functions**
- .6 Of finite differences**
- .7 Of operations**
- .8 Of imaginaries    Complex variables    See also 512.82**
- .9 Problems**

**519 Probabilities**

- .1 General principles    Direct and inverse probabilities**
- .2 Mathematical and moral expectation**
- .3 Testimony: decisions of juries and tribunals**
- .4 Probability of future events deduced from experiance**
- .5 Life contingencies: annuities, life insurance    See 368.3**
- .6 Errors of observation    Mean or average values**
- .7**
- .8 Method of least squares**
- .9 Problems**

**520 Astronomy**

520.1 Astrology, see 133.5    520.2 Compendis    520.3 Dictionaries    520.4 Essays  
 520.5 Periodicals    520.6 Societies    520.7 Study and teaching of astronomy  
 520.8 Collections, etc.    520.9 History of astronomy  
 See also note under Natural science in general, 500-509

**521 Theoretic astronomy**

Mathematical investigation of celestial motions, specially of the Solar system.  
 Motions of individual bodies are classed under separate heads in 523

- .1 Celestial dynamics**
- .11 General laws of equilibrium and motion    See also 531.2
- .12 Law of universal gravitation and motion  
       See also 531.51
- .13 Problem of 3 bodies
- .14 Figures of heavenly bodies
- .15 Rotation of heavenly bodies
- .2 Geocentric and heliocentric place**
- .21 Plane of orbit in space
- .22 Position of orbit in its plane
- .23 Position of body in its orbit
- .24 Position of body in space
- .25 Heliocentric longitude and latitude
- .26 Geocentric longitude and latitude
- .27 Variations of right ascension and declination
- .28 Variations of longitude and latitude
- .29
- .3 Orbits**
- .31 Definitions of orbits
- .32 Determination from 3 observations
- .33 Determination from 4 observations
- .34 Variation of elements of orbit
- .35 Correction of approximate elements of orbit
- .36 Application of method of least squares
- .37 Kepler's problem
- .38 Equation of center and radius vector
- .39
- .4 Perturbations**
- .41 Mutual action of planets
- .42 Action of satellites
- .43 Nonsphericity of planets
- .44 Resisting medium
- .5 Theory of planets**
- .6 Theory of satellites**
- .7 Theory of comets**
- .8 Theory of eclipses**
- .9 Precession and nutation**    See also 522.95-.96



## 522 Practical and spheric

- .1 Observatories**
- .11 General plan, location
- .12 Material and mechanism of dome, drum, etc.
- .13 Transit bildings, wings, etc.
- .14 High altitude observatories
- .15 Portable
- .19 History, reports and serial publications of observatories
- .2 Telescopes** See also 535.83 Optics
- .21 Reflecting
- .22 Refracting
- .23 Eye piece and accessories
- .24 Object glass
- .25 Mounting, tube, etc.
- .26 Equatorial mounting
- .27 Transit mounting
- .28 Observing chairs, etc
- .29 Famous telescopes
- .3 Meridional instruments**
- .31 Finding meridian line
- .32 Mural circles
- .33 Meridian circles
- .34 Transit: placing in position
  - .35 Collimation constant
  - .36 Level constant
  - .37 Azimuth constant
  - .38 Other constants, flexure, index error, etc.
- .4 Extra meridional instruments**
- .41 Sextant and quadrant, reflecting circle, astrolabe
- .42 Altazimuth
- .43 Zenith telescope
- .44 Transit out of meridian
- .45 Heliometer
- .46 Equatorial
- .47 Prime vertical
- .5 Auxiliary instruments**
- .51 Sidereal clock and chronometer
- .52 Electrochronograf
- .53 Micrometers
- .54 Personal equation machine See 522.97
- .55 For illumination
- .56 For solar observation
- .57 Artificial horizons
- .58 Heliostat

DECIMAL CLASSIFICATION

**522.6 Auxiliary observations**

- .61
- .62 Photometry See 535.2 Optics
- .63 Photography See 535.85 Optics; 770 Photography
- .64
- .65 Polarization See 535.5 Optics
- .66
- .67 Spectroscopy See also 535.84  
Technic; application to astronomy and use with telescope. For results see  
523.37, 523.57, 523.67, 523.77, 523.87
- .68
- .69
- .7 **Spheric astronomy** See also 514.6
- .71 Celestial sphere Spheric coordinates
- .72 Rectangular coordinates
- .73 Transformation of coordinates
- .74 Differential variations of coordinates
- .75 Interpolation
- .76 Meridian line Variation of compass
- .77 Reduction of observations to the meridian
- .78 Use of globes
- .79
- .9 **Corrections**
- .91 Parallax
- .92 Refraction See 535.3 Optics
- .93 Semidiameter of celestial bodies
- .94 Aberration
- .95 Precession See 521.9
- .96 Nutation " "
- .97 Personal equation See 522.54
- .98 Instrumental errors
- .99

**523 Descriptiv astronomy**

- .1 **Universe**
- .11 Structure of universe
- .12 Nebular hypothesis
- .13 Plurality of worlds
- .14 Space and its temperature
- .15 Resisting medium
- .16 Cosmic dust
- .17 Repulsiv force

- 523.2 Solar system**
- .21 Distributiv laws of planets
  - .22
  - .23 Conjunctions and oppositions
  - .24 Motion of solar system in space
  - .25 Constitution of planetary system
  - .26 Stability of solar system Ecliptic
  - .27
  - .28 Orrery, planetarium, gyroscope, etc. See 531.34 Rotation
  - .29 Zodiac
- .3 Moon**
- .31 Constants: size, mass Distance and parallax
  - .32 Heat and light Phases
  - .33 Orbit and motions  
Sidereal month, tropical, perigee and apogee, sun and earth's attraction, librations. See also 521.6 for Orbit
  - .34 Features of surface: mountains, plains, etc.
  - .35 Atmosphere
  - .36 Physical condition
  - .37 Spectrum
  - .38 Eclipses
  - .39 Charts, photographs, etc.
- .4 Planets**
- .41 Mercury and intramercurial
  - .42 Venus
  - .43 Mars
  - .44 Asteroids
  - .45 Jupiter
  - .46 Saturn
  - .47 Uranus
  - .48 Neptune and transneptunian
  - .49 Charts, photographs, etc.
- .5 Meteors and zodiacal light**
- .51 Meteorites
  - .52 Fireballs
  - .53 Meteoric showers, radiant points, etc.
  - .54 Systems of meteors
  - .55
  - .56 Connection of comets and meteors
  - .57 Spectrum
  - .58 Hight of atmosphere from observation
  - .59 Zodiacal light Aurora (borealis and australis)

DECIMAL CLASSIFICATION

- 523.6 Comets**
- .61 Appearance and development
  - .62
  - .63 Orbits
  - .64 Remarkable comets
  - .65
  - .66 Physical constitution
  - .67 Spectrum
  - .68
  - .69 Charts, photographs, etc.
  - .7 Sun**
  - .71 Constants, dimensions
  - .72 Heat and light: theories as to source
  - .73 Apparent motion    Rotation    See 525.38 Tables
  - .74 Spots, faculae, and other features of surface
  - .75 Prominences, chromosphere, corona
  - .76 Theories of physical constitution
  - .77 Spectrum
  - .78 Eclipses
  - .79 Charts, photographs, etc.
  - .8 Stars**
  - .81 Stellar parallax, distance
  - .82 Heat and light    Photometric observations    Magnitude  
    Visibility
  - .83 Proper motion, stardrift
  - .84 Variable, double, and multiple stars
  - .85 Clusters and nebulas
  - .86 Physical constitution
  - .87 Spectrum
  - .88
  - .89 Constellations, maps, catalogs, etc.
  - .9 Transits and occultations**
  - .91 Transits of Mercury
  - .92 Transits of Venus and solar parallax
  - .93     Delisle's method
  - .94     Halley's method
  - .95     Photographic method
  - .96     Transits of Venus to 1874
  - .97     Transit of 1882
  - .98
  - .99 Occultations

524 Maps, observations, and tables

Series of observatory publications may be kept together under 524, or under 522.19 with the history and reports of the observatory. Special maps or observations, e. g. on Sun or Moon, are better placed in subsections *under those heads* in 523, with charts and photographs, e. g. 523.79, thus leaving these bracketed numbers 524 to 524.9 blank. They are printed to provide a place in case it is wisht to keep *all* maps and observations together

- .3 **Of moon** See also 523.39
- .4 **Of planets** See also 523.49
- .5
- .6 **Of comets** See also 523.69
- .7 **Of sun** See also 523.79
- .8 **Star catalogs** See also 523.89

525 Earth

- .1 **Constants**
- .11 Mass Weight
- .12 Density
- .13 Dimensions, diameter
- .14 Figure: geomorfy, equatorial belt
- .15 Distance from sun.
- .16 Parallax
- .2 **Heat Light**
- .3 **Orbits and motions**
- .31 Period of revolution
- .32 Obliquity of ecliptic to equator
- .33 Eccentricity
- .34 Perturbations
- .35 Rotation
- .36 Foucault's pendulum
- .37 Deviation of falling bodies and projectiles
- .38 Tables of the sun Apparent motion See 523.73 Sun
- .4 **Geografic coordinates**
- .41 Finding latitude See also 527.1
- .42 By meridian altitudes
- .43 By Pole star
- .44 By altitude of 2 or more stars
- .45 By other methods
- .46 Finding longitude See also 527.2
- .47 Terrestrial means: chronometers, telegraf, signals
- .48 Celestial signals: eclipses, occultations, transits
- .49 Lunar methods
- .5 **Seasons**
- .51 Effect of inclination of equator to ecliptic
- .52 Effect of eccentricity of earth's orbit
- .53 Secular changes of seasons
- .54 Seasons on Mars and other planets

DECIMAL CLASSIFICATION

- 525.6 Tides**
- .61 Mathematical theory
  - .62 Effect of sun and moon in producing tides
  - .63 Distribution, diurnal inequality, spring and neap, priming and lagging
  - .64 Establishment of a port Coast form modification
  - .65 Velocity of hight of tide wave
  - .66 Tides on inland seas
  - .67 Supposed effect in retarding Earth's revolution
  - .68 Tide registering and predicting machines
  - .69 Tide tables

**.7 Twilight**

**526 Geodesy**

526.2-.8 apply to surveys of large tracts, requiring allowance for earth's curvature and more exact methods of determination. For local surveys see 526.9

**.1 Theory and determination of Earth's figure**

- .11 Potentials of ellipsoids
- .12 Equilibrium of rotating spheroid
- .13 Law of ellipticity
- .14 Airy's and Pratt's theories as to attraction of mountains
- .15 Determination of figure by Airy, by Bessel, and by Clarke
- .16 Ellipsoidal figure and position of axes
- .17 Geoidal figure

**.2 Base mesuring and apparatus**

- .21 Standards of length and temperature
- .22 Apparatus of Struve, Bessel, Colby, U. S. coast survey. U. S. lake survey, etc.
- .23 Adjustments of apparatus
- .24 Location of base line
- .25 Field operations
- .26 Calculation of results and corrections
- .27 Verification

**.3 Field work of triangulation**

- .31 Reconnaissance
- .32 Stations
  - Names, signals, tripods, scaffolds and towers, surface and underground monuments
- .33 Observations, instruments and records
- .34 Reduction to station's center
- .35 Corrections for phase of signal and eccentricity
- .36 Spirit leveling
- .37 Barometric leveling
- .38 Trigonometric leveling
- .39

These are methods. See 551.53. for results, lists of hights, etc

- 526.4 Computation of triangulation**
- .41 Spheric excess
  - .42 Legendre's theorem
  - .43 Chord process
  - .44 By spheric trigonometry
  - .45 By spheroidal trigonometry
    - See also application of least squares, 522.6
- .46 L M Z formulas and applications**
- .47 Direct deduction by Bessel
  - .48 Deduction by Puissant
  - .49 Tables for computation
- .5 Theory of least squares in adjustment of figures, etc.**
- .51 Method of independent angles
  - .52 Adjustment of a quadrilateral
  - .53 Adjustment of triangulation net
  - .54 Method of directions
  - .55 Adjustment for closure of a circuit
  - .56 Method of repetitions
  - .57 Adjustments of base measures
  - .58 Adjustments of leveling
- .6 Astronomic determinations and their connection with geodetic results**
- .61 Latitude determinations
  - .62 Longitude determinations
  - .63 Azimuth determinations
  - .64 Effect of irregularities of Earth's surface on latitude longitude and azimuth
  - .65 Effect of same on angles of triangle
- .7 Gravity experiments and results**
- .71 Mathematical theory
  - .72 Pendulum apparatus
  - .73 Pendulum operations
  - .74 Corrections
  - .75 Reduction of results
- .8 Map projections** See 515.5 Spheric projections
- .81 Prospectiv projections
  - .82 Orthomorphic projections
  - .83 Development projections
  - .84 Zenithal projections
  - .85 Equivalent projections
- .9 Surveying**
- .91 Instruments and methods See 526.2
  - .92 Measurement of distances

DECIMAL CLASSIFICATION

- 526.93 Measurement of angles
  - .94 Measurement of heights
  - .95 Leveling See 526.36-.38
  - .96 Plotting
  - .97 Computation of areas
  - .98 Topographic drawing
  - .99 For special purposes: military, naval, railroad, mining, etc.
- 527 Navigation**
- .1 Finding latitude at sea See also 525.41
  - .2 Finding longitude at sea See also 525.46
  - .3 Finding time at sea See also 529.74
  - .4 Sumner's method
  - .5 Great circle sailing
- 528 Ephemerides Nautic almanacs**
- .1 American
  - .2 English
  - .3 German
  - .4 French
  - .5 Italian
  - .6 Spanish
  - .7 Slavic
  - .8 Scandinavian
  - .9 Construction of ephemeris
- 529 Chronology**
- .1 Sidereal and solar day  
Apparent and mean time, equation of time, causes of inequality
  - .2 Solar year, months
  - .3 Calendars; including early and Oriental
  - .4 Calendar of Julius Caesar
  - .5 Calendar of Gregory, 1582- Almanacs
  - .6 Ecclesiastic calendar: determination  
For feasts, etc. and calendars themselves, see 264.021, 264.031, etc
  - .7 **Horology**
  - .71 Finding time by transit
  - .72 Finding by equal altitudes
  - .73 Finding by single altitude
  - .74 Finding by sextant See also 527.3
  - .75 Time systems, and standards
  - .76 Distribution of time
  - .77 Cosmic time
  - .78 Instruments for measuring: dials, hourglasses, clocks, watches, etc.  
See 522.51 for Sidereal clocks and chronometers  
See 681 for Clock and watch making



# 530 Physics

Like Science in general: viz, general works only are arranged

- 530.1 Philosophy .2 Compend, textbooks .3 Dictionaries .4 Essays, lectures, etc.  
 .5 Periodicals .6 Societies .7 Education, methods of teaching, experiments  
 .8 Physical units, measuring instruments .9 History

## 531 Mechanics

- .1 **Pure motion Kinematics**
- .2 **Statics Grafic statics**
- .21 Force and its mesure
- .22 Composition of forces and motions
- .23 Moments
- .24 Parallel forces Center of gravity
- .3 **Dynamics Kinetics**
- .31 Rectilinear motion
- .32 Vibration
- .33 Undulation
- .34 Rotation
- .35 Centrifugal and centripetal force
- .4 **Work Friction** See 621.89 Lubrication
- .41 Unit of work
- .42 Diagram of work
- .43 Laws of friction Modulus of machines
- .44 Sliding friction
- .45 Rolling friction
- .5 **Gravity**
- .51 Law of universal gravitation
- .52 Laws of falling bodies
- .53 Pendulum
- .54 Mass, density, etc.
- .55 Projectils
- .58 Apparatus for illustration
- .6 **Conservation of energy**
- .7
- .8 **Machines Transmission of force**  
 See also 621.8 Mechanism of transmission
- .81 Lever and balance
- .82 Wheel and axle
- .83 Cord and catenary
- .84 Pulley
- .85 Inclined plane
- .86 Wedge
- .87 Screw
- .88
- .9 **Tables Problems Questions**

**532 Liquids Hydrostatics Hydraulics**

- .1 Properties of liquids Pressure**
- .2 Equilibrium of liquids**
- .3 Buoyant effects Floating bodies**
- .4 Specific gravity Hydrometer**
- .5 Liquids in motion Hydrodynamics**
  - .51 Theoretic flow**
  - .52 Orifises, adjutages, fluid vein**
  - .53 Weirs, overfalls**
  - .54 Pipes, open channels, rivers**
  - .55 Bends, valvs, sudden enlargements and contractions**
  - .56 Efflux; variable pressure**
  - .57 Hydrometry Velocity**
  - .58 Impulse and resistance**
  - .59 Theory of waves**
- .6 Capillary attraction**
- .7 Osmose Absorption**
- .8 Applications Machines** See 621.2 Water engines

Except for libraries making Physics much more prominent than Useful arts, all the 'Applications' will be more useful under their proper heds in Useful arts. It is better to keep all the material in one place, referring to it from the other, rather than attempt division

  - .81 Hydraulic press** See also 621.266
  - .82 Hydraulic engin** See also 621.25
  - .83 Water ram** See also 621.27
  - .84 Water wheels** See also 621.21
  - .85 Water blast** See also 621.269
- .9 Tables Problems Questions**

**533 Gases Pneumatics**

- .1 Properties of gases and vapors Absorption**
- .2 Laws of compressibility**
- .3 Atmosphere**
  - .4 Barometer**
  - .5 Air pump**
  - .6 Aeronautics**
- .7 Kinetic theory of gases**
- .8 Applications** See 621.6 Blowing and pumping engins

Preferably clast in Useful arts, see 532.8, note

  - .82 Manometer Pressure gages** See 621.18 Steam generation
  - .83 Condensing pump**
  - .84 Force pump**
  - .85 Suction pump**
  - .86 Diving bell**
  - .87 Forge bellows**
  - .88 Pneumatic dispatch**
- .9 Tables Problems Questions**

**534 Sound Acoustics**

- .1 Theory Undulations**
- .2 Propagation of sound: velocity, diffraction**
- .3 Musical sound Tuning forks** See also 781.1 Theory of music
- .4 Analysis of sounds Resonators**
- .5 Superposition of vibrations**
- .6 Graphic representations**
- .7 Physiologic: ear and larynx**  
For other relations see Ear, Larynx, in Relativ index following Table
- .8 Applications** Preferably clast with topics elsewhere See 532.8, note
- .81**
- .82**
- .83 Signals in navigation** See also 654.9 Communication
- .84 Applications to architecture**
- .85 Musical instruments** See also 780 Music
- .86 Phonograf**
- .9 Tables Problems Questions**

**535 Light Optics**

- .1 Theory**
- .2 Propagation Velocity Measurement of light**
- .3 Reflection Refraction Absorption**  
See also 522.92 Astronomy
- .4 Dispersion Diffraction Interference**
- .5 Polarization Polariscopes Double refraction**
- .6 Color**
- .7 Physiologic: eye**  
Optical principles of sight. See also Eyes in Relativ index
- .8 Applications** Preferably clast with topics elsewhere See 532.8, note
- .81 Lenses and prisms**
- .82 Microscopes and magnifiers** See also 578 Microscopy
- .83 Telescopes** See also 522.2 Astronomy
- .84 Spectroscopes and spectrum analysis**  
Most general number. See also Spectroscopy, Spectrum, in Relativ index for other relations and applications
- .85 Fotografy** See also 770
- .86 Other applications of lenses**
- .87 Mirrors and reflecting instruments**
- .88 Lighthouses** See also 627.9 Harbor engineering; 656 Commerce
- .89**
- .9 Tables Problems Questions**

## 536 Heat

- .1 **Theory Nature**
- .2 **Communication**
- .3 **Action of bodies on heat**
  - .31 Reflection
  - .32 Refraction
  - .33 Radiation
  - .34 Absorption
  - .35 Diathermancy
- .4 **Effects Action of heat on bodies**
  - .41 Expansion
  - .42 Liquefaction
  - .43 Solidification
  - .44 Vaporization and condensation
  - .45 Incandescence
  - .46 Combustion Flame
- .5 **Temperature** See also 551.52 Meteorology; 613.18 Hygiene
  - .51 Thermometry
  - .52 Pyrometry
  - .53 Electric methods of measuring
- .6 **Calorimetry**
- .7 **Thermodynamics Mechanical equivalent**
- .8 **Applications** Preferably go in Useful arts. See 532.8, note
  - .81 Steam engines See 621.1 Engineering
  - .82 Gas engines See 621.43 Engineering
  - .83 Heating See 697, 621.19, 628.8, 644
  - .84 Ventilation See 697, 622.4, 628.8
- .9 **Tables Problems Questions**

## 537 Electricity

- See also 621.3 Electric engineering
- .1 **Theory Nature**
  - .2 **Static**
    - .21 Quantity, potential
    - .22 Conduction, distribution
    - .23 Machines
    - .24 Condensers
    - .25 Electrometers
  - .3
  - .4 **Atmospheric Lightning rods**
  - .5 **Dynamic**
    - .51 Theory of coils Constants
    - .52 Induction spark
    - .53 Induction spark in rarified gases
  - .6 **Electro dynamics**
  - .7 **Electric measurements**

NATURAL SCIENCE

- 537.8 Applications** Preferably class in, Useful arts. See 621.3, and 532.8, note
- .81 **Telegraf** For telegraf business see 654
  - .82 **Telefone Microfone**  
For telefone business see 654.6
  - .83 **Dynamos Electric lighting**
  - .84 **Tranmission of power Storage**
  - .85 **Electrometallurgy**
  - .86 **Galvanometers Batteries Coils**
  - .87 **Medicin** See also 615.84
  - .88 **Electric signals** See 654.9
  - .9 **Tables Problems Questions**

**538 Magnetism**

For Animal magnetism, Mesmerism, etc., see 134

- .1 **Theory Properties of magnets Lines of force**
- .2 **Communication Induction Touch**
- .3 **Electromagnetism**
- .4 **Diamagnetism**
- .5
- .6
- .7 **Terrestrial magnetism**
- .8 **Applied Magnetic machines**
- .9 **Tables Problems Questions**

**539 Molecular physics**

- .1 **Theory Molecular structure** Vortex rings
- .2 **Properties of solids**
- .3 **Elasticity Torsion**
- .4 **Strength of materials**  
See also 620.1 Engineering materials
- .5 **Permanent displacement of molecules**
- .51 **Malleability**
- .52 **Ductility**
- .53 **Hardness**
- .54 **Tempering**
- .6 **Intermolecular forces**
- .7 **Radioactivity**  
See also 541.38 Radiochemistry; 546.432 Radium
- .8
- .9 **Tables Problems Questions**

**540 Chemistry**

Pure or theoretic chemistry

.1 Early theories, alchemy, phlogiston .2 Compendis .3 Dictionaries, cyclopedias .4 Essays, lectures, etc. .5 Periodicals .6 Societies .7 Education, methods of teaching .8 Collectiv works .9 History

**SUMMARY**

- 541-542 **General chemistry**  
 541 Chemic theories  
 542 Operativ and experimental chemistry  
 543-545 **Analytic chemistry**  
 543 Analysis  
 544 Qualitativ analysis  
 545 Quantitativ analysis  
 546 **Inorganic chemistry**  
 547 **Organic chemistry**

**REFERENCES**

- |         |                       |     |                   |
|---------|-----------------------|-----|-------------------|
| 612.015 | Physiologic chemistry | 660 | Chemic technology |
| 615     | Medical               | 669 | Metallurgy        |
| 616.076 | Pathologic            | 770 | Photografy        |

**541 Theoretic chemistry      Physical chemistry**

Modern chemic theories      General properties of bodies from chemic point of view  
 Composition      Constitution      Elements and compounds      Affinity  
 Formulas      Nomenclature

**.1****.2 Atomic theory**

Ultimate constitution of matter. Nature and phases of ultimate particles: atoms, ions, anions, kations, electrons. Atomicity. Relationship of mass to chemic properties of bodies. Laws of chemic combination: weight, definit proportions, equivalence, multiple proportions. Laws of volume for gases. Simple or compound nature of chemic elements. Molecules. Atomic and molecular weights; methods of determination. Atomic and molecular volumes  
 Laws fundamental to atomic theory; see also 541.9 Classification, periodic law, etc.

See also physics, 532.4 Specific weights

**.3 Physical chemistry**

Borderland between physics and chemistry. Including densities in different phases; chemic affinity, statics and dynamics; thermochemistry and electrochemistry

**31 Solid state**

See also physics, 536.43 Solidification; 539.2 Properties of solids

**.32 Liquid state**

See also physics, 532.1 Properties of liquids; 536.42 Liquefaction; 541.34 Solution

**.32 I General**

Surface tension, vapor tension, viscosity, capillarity

**.325 Special types of liquids: gelatinous liquids****.326 Inorganic liquids****327 Organic liquids****.33 Gaseous state**

Subdivide like 541.32. See also physics, 533.1 Properties of gases; 516.44 Vaporization

NATURAL SCIENCE

- 541.34 Solute state Solubility
- .341 General  
 Surface tension, viscosity, diffusion, osmosis, conductivity. See also  
 532.7 Osmose of liquids; 542.7 Dissolving
- 1 Theories: kinetic, hydrate and dissociation
- 2 Laws Terminology
- .342 Solution pressure Solubility  
 Tables of solubility
- .344 Solubility and solution of different forms  
 1 Solids 2 Liquids 3 Gases Absorption
- .345 Solution types  
 2 Colloid solutions Emulsions  
 Including general discussion of colloids
- .346 Solvents
- .35 Photochemistry  
 Relation of light to chemic action of polarized light to chemic structure, etc.
- .36 Thermochemistry  
 Relationship of heat to chemic properties of bodies. Thermodynamics and  
 energetics applied to chemistry. Relations between specific heat and  
 chemic constitutions. Molecular heats; atomic heats; latent heats of  
 physical, allotropic, and chemic transformations. Principle of initial and  
 final phases. Study of changes of phase. Melting points and boiling  
 points. Liberation and absorption of heat in reactions. Exothermic and  
 endothermic reactions. Variation with temperature of the quantity of heat  
 used in transformations. Principle of maximum work
- .37 Electrochemistry
- .378 Magnetochemistry
- .38 Radiochemistry  
 Chemistry of radioactiv substances. See also 539.7 Radioactivity; 546.432  
 Radium
- .39 Chemic dynamics, statics and equilibrium Affinity  
 Homogeneous and heterogeneous chemic equilibriums. Kinetic theory of  
 chemic equilibriums (of Guldberg and Waage, Pfaundler, van't Hoff);  
 thermodynamic theory (of Willard Gibbs, of Horstmann, of van't Hoff, of  
 Duhem, etc) Reaction velocities. Accelerating and retarding influences.  
 Catalysis. See also in physics 536.7 Thermodynamics and energetics  
 Variation of affinity with physical conditions. Valence. Combinations.  
 Unlimited and limited decomposition. Dissociation, efflorescence, limits of  
 dissociation and maximum dissociation. Combustion
- .4 Various types of compounds  
 Acids, bases, salts, alloys
- .5 Molecular types
- .6 Compound radicals  
 Stereochemistry Formulas of structure
- .7 Allotropy  
 Isomerism Amorfous and crystallin states Tautomerism Polymerism  
 Class here material on structure not included in 541.6
- .9 Other general subjects  
 Classification Nomenclature Notation Formulas Stoichiometry  
 Tables Periodic law

## 542 Practical and experimental chemistry

- Manipulations      Chemic operations      For analyses see 543-545
- .1 Laboratories**  
 Interior construction and installation      General arrangements      For architecture see 727.5
- .2 Apparatus and manipulations**      For special apparatus see 542.3-.6
- .21 Manipulations**      Arrangements      Procedure
- .22 Preparation of substances**  
 Mechanic separation: trituration, pulverization, porphyzation; mortars and pestles, crushers, sifting and sivs. Disintegration by wetting heated mass. Levigation
- .23 Laboratory receptacles and their accessories**  
 For uses of receptacles see also various processes and operations
- .231 Glass and quartz**  
 Beakers, bottles, flasks, retorts, test tubes, funnels, adapters, glass rods and tubing
- 5 Glass manipulation: blowing, grinding**
- .232 Porcelain**  
 Evaporating dishes, tubes, retorts. Refractory pottery: crucibles, plates
- .233 Metallic**  
 Containers made of platinum, silver, iron, nickel, aluminum etc.
- .24 Supports**      Fixt. adjustable, wood. Triangles, tripods, clamps
- .25 Stoppers**      Glass, cork, rubber      Corkborers
- .26 Rubber tubing**      Luting and cements
- .29 Other appliances**
- .3 Measuring apparatus**
- .32 Determination of weights and density**  
 Balances and weights      Descriptions and directions for use
- .33 Specific gravity apparatus**      Class preferably in 532.4
- .35 Determination of volume**  
 Measuring volume of liquid      Calibrated vessels      Graduated pipets, burets and cylinders
- .4 Heating      Distillation**  
 See also 536.5 Measurement and regulation of heat; 542.53 Blowpiping
- .41 General**
- .42 Heating with coal**  
 Laboratory furnaces: trough, cupola, reverberatory, tubular, cupel, blast  
 Tube furnaces for organic analysis
- .43 Heating with liquid fuels, etc.**      Lamps; special burners
- .44 Heating with gas**  
 Coal gas, carburetted air, acetylene, etc.  
 Fishtail and Bunsen burners; gas furnaces and grates; pressure regulators
- .46 Indirect heating**  
 Baths and heaters: water baths; salt, metal and oil baths; metal plates or wire gauzes
- .47 Electric heating**  
 Heaters, muffles and furnaces; kryptol furnaces  
 See also 542.8 Electric and galvanic manipulations
- .48 Operations**  
 Melting, fusing, boiling. Vaporization, distillation. Distilling apparatus, alembics or stills. Deflegmators. Vacuum operations  
 Evaporation with heat: sublimation, dessication. For evaporation in vacuum see 542.77
- .49 Other heating operations**



## NATURAL SCIENCE

- 542.5 Flames      Blowpipes**  
See also 544.2 Dry methods of analysis; 669.9 Assaying
- .51 **Flame**  
Nature of flame; candle flame; oxidizing and reducing flames
- .52 **Coloration of flame**  
Beads, colored beads      Composit flames
- .53 **Blowpipes**  
Varieties of blowpipes and how to use them  
For applications see Blowpiping in Relativ index following Tables
- .6 Aqueous and liquid treatment**  
Dissolving, aqueous separation, levigation, etc; alcohol, ether, carbondisulfid, hydrocarbons, etc.
- .61 **Dissolving      Solution**  
Solvents, maceration, digestion, decoction, lixiviation
- .62 **Determination of solubility      Supersaturation**  
Supersaturated solution
- .63 **Diffusion**  
Lowering the solidification point or surfusion
- .64 **Dialysis      Dializers**  
See also qualitativ analysis 544.5 Dialysis
- .65 **Solidification**  
Precipitation, crystallization, crystallizers
- .66 **Decantation**  
Decantation funnels, Florentin receivers, sifons, pipets
- .67 **Filtration and filters**  
Filtration with textiles, with paper, thru cotton, asbestos, powders, etc.  
Hot filtration      Filtration in seald vessels, by suction, by compression  
Filter presses
- .68 **Expression and presses      Drying of press residues; drying machines**
- .69 **Washing      Continuous, automatic; decantation, wash bottles**
- .7 Gas manipulation**  
See also 545.7 Eudiometry
- .71 **General**
- .72 **Gas production**
- .73 **Gas collecting and decanting**  
Pneumatic trof, gas sampling-tube, gas pipets; displacement and decanting
- .74 **Washing and dissolving gas**  
Wash bottles      Apparatus for drying and absorbing gas
- .75 **Gas storage      Gasometers, rubber bags**
- .76 **Gas mesurement      Graduated tubes, meters**
- .77 **Rarefaction of gas**  
Pumps: air, vacuum, mercury; blowing engins, bellows, suction gasometers, manometers; vacuum regulators; trompes  
See also physics, 533.5 Air pumps
- .78 **Gas compression**  
Seald tubes and bulbs, bellows, compression pumps, gasholders
- .79 **Gas liquefaction and solidification**  
Faraday tubes      Apparatus for expansion; of Thilorier; of Cailletet and Linde

## DECIMAL CLASSIFICATION

- 542.8 Electric and galvanic manipulations**  
See also physics, 537.85 Applications of electricity to chemistry. Class here only apparatus for preparing chemic substances, not apparatus for study of phenomena. For analytic apparatus see special substance under 543 or special process under 544 or 545

- .9 Other operations**  
Attacks by acids and gases; oxidations, reductions etc

### 543-545 Analytic chemistry

## 543 Analysis

Divided by material analyzed, whether qualitatively or quantitatively, i.e. substance takes precedence of process. Class in 543 general works covering both qualitative and quantitative analysis

See also 614.3 Adulterations

- .1 Analysis of food and drink**  
See also 613.2 Hygiene, 612.39 Nutrition
- .2 Dairy products Milk**  
See also agriculture, 637 Dairy products
- .3 Water**  
See also hygiene 613.31 Water as a beverage; and therapeutics 615.79 Mineral waters
- .4 Analysis of drugs and medicins**  
See also 614.35 Inspection of drugs; 615 Medicin
- .5 Poisons**  
See also 615.9 Toxicology
- .6 Analysis of rocks and ores**  
See also 549 Mineralogy, 669.9 Assaying, 631 Agricultural chemistry
- .7 Analysis of inorganic products in general**  
For general works and special matter not provided for in previous subdivisions of 543
- .8 Analysis of organic products in general**  
For general works and special matter not provided for in previous subdivisions of 543
- .9 Analysis of organic products of animal origin**  
For general works and special matter not provided for in previous subdivisions of 543 See also 577 Biology

## 544 Qualitativ analysis

Determination of chemic elements of substances      General processes and methods

- .1 **Wet method**
- .11 Reagents
- .12 Determination of bases
- .13 Determination of acids
- .2 **Dry method**  
See also 669.9 Assaying
- .3 **Blowpiping**  
For other relations see Relativ index
- .4 **Gas analysis      Reactions**  
Identifying an isolated gas      Analysis of gaseous mixtures      See also 545.7  
Eudiometry
- .5 **Dialysis**  
For technic see 542.64; for electric dialysis see 542.8
- .6 **Spectrum analysis**  
See also physics, 535.84 Spectrum analysis
- .7 **Polariscopic analysis**  
See also physics, 535.5 Polarization
- .8 **Microscopic examinations**
- .9 **Other methods**  
Electro analysis
- .92 **Capillary analysis**

## 545 Quantitativ analysis

- .1 **Gravimetric**  
Analysis by weighing, sampletaking
- .2 **Wet method**  
Titration solution, alkalimetry, acidimetry
- .3 **Electric methods**  
See also physics, 537.85 Electrometallurgy  
For galvanoplastics see 671
- .311 Constant current analysis
- .312 Constant voltage analysis
- .36 **Catalytic analysis**
- .4 **Dry method**  
Quantitativ analyses with blowpipe, cupellation, etc.  
See also 669.9 Assaying
- .5 **Titrometric methods in general**
- .6 **Volumetric analysis of liquids**  
See also 542.3 Measuring apparatus
- .7 **Volumetric analysis of gases**  
Eudiometry and eudiometers; gas burets, absorption pipets  
See also 544.4 Gas analysis
- .8 **Other methods**  
Colorimetric      Polarimetric      Refractometric
- .9 **Synthesis**  
General processes
- .97 **Electric synthesis**

## 546-547 Inorganic and organic chemistry

## 546 Inorganic chemistry

- .1 Nonmetallic elements**
- .11 Hydrogen
- .12 Halogen group**
- .13 Chlorin
- .14 Bromin
- .15 Iodin
- .161 Fluorin
- .17 Nitrogen group Nitrogen**
- .18 Phosphorus
- .191 Arsenic
- .2 Oxygen group**
- .21 Oxygen
- .22 Sulfur
- .23 Selenium
- .241 Tellurium
- .25 Carbon group**
- .26 Carbon
- .27 Boron
- .28 Silicon
- .29 Helium group**
- .291 Helium
- .292 Neon
- .293 Argon
- .294 Krypton
- .295 Xenon
- .3 Metals**
- .31 Alkali group**
- .32 Potassium
- .33 Sodium
- .34 Lithium
- .35 Rubidium
- .36 Caesium
- .37
- .38
- .39
- .4 Alkaline earths**
- Calcium and magnesium groups considered together
- .41 Calcium
- .42 Strontium
- .43 Barium
- .432 Radium See also 539.7 Radioactivity; 541.38 Radiochemistry
- .44 Magnesium group**
- .45 Beryllium or glucinum
- .46 Magnesium
- .47 Zinc
- .48 Cadmium
- .49

NATURAL SCIENCE

- 546.5**    **Led and silver group**
- .51        **Led**
  - .52        **Thallium**
  - .55**        **Silver group**
  - .56        **Copper**
  - .57        **Silver**
  - .58        **Mercury**
  - .59
  - .6**        **Cerium group      Rare earths**
  - .61        **Yttrium**
  - .62        **Cerium**
  - .63        **Lanthanum**
  - .64        **Didymium**
  - .642       **Praseodymium**
  - .643       **Neodymium**
  - .65        **Erbium**
  - .652       **Ytterbium**
  - .653       **Terbium**
  - .66        **Aluminum**
  - .67        **Indium**
  - .68        **Gallium**
  - .69**        **Other metals of rare earths**
  - .691       **Scandium**
  - .692       **Samarium or decipium**
  - .694       **Gadolinium**
  - .695       **Germanium**
  - .696       **Europium**
  - .697       **Thulium**
  - .7**        **Iron group**
  - Iron and chromium groups considered together**
  - .71        **Manganese**
  - .72        **Iron**
  - .73        **Cobalt**
  - .741       **Nickel**
  - .75**        **Chromium group**
  - .76        **Chromium**
  - .77        **Molybdenum**
  - .78        **Tungsten or wolfram**
  - .791       **Uranium    See also 541.38**
  - .8**        **Tin group**
  - Tin and vanadium groups considered together**
  - .81        **Tin**
  - .82        **Titanium**
  - .83        **Zirconium**
  - .841       **Thorium    See also 541.38**
  - .842       **Actinium   See also 541.38**
  - .85**        **Vanadium group**
  - .851       **Vanadium**
  - .86        **Antimony**
  - .87        **Bismuth**
  - .88        **Tantalum**
  - .891       **Niobium or columbium**
  - .892       **Polonium   See also 541.38**

DECIMAL CLASSIFICATION

- 546.9 **Platinum group**
- .91 Gold
- .92 Platinum
- .93 Iridium
- .94 Osmium
- .95 **Ruthenium group**
- .96 Ruthenium
- .97 Rhodium
- .98 Palladium
- .99 **False and putativ elements**

Arrange alfabetically

547 **Organic chemistry**

- .1 **Cyanogen and its compounds**
- .2 **Hydrocarbons Fatty series**  
For occurrence as minerals see 549.8
- .21 Paraffins
- .22 Olefins
- .23 Acetylenes
- .24 Valylene Dipropargyl, etc.
- .25 **Aromatic series**
- .26 Benzenes
- .27 Diphenyl group
- .28 Naphthalene Anthracene Phenanthrene
- .29 Higher series
- .3 **Alcohols Phenols**
- .4 **Ethers: simple, compound; haloid**
- .5 **Aldehydes**
- .6 **Ketones Quinones**
- .7 **Acids: acid halids, acid anhydrids, sulfo-acids**
- .8 **Nitroderivates: amins, compound ammoniums, amids,**  
    amic acids, azo-bodies, azoxy-bodies, hydrazo-bodies,  
    diazo-bodies
- .9 **Compounds with metals**

Subdivided like 547.2

## 548 Crystallografy

General; phenomena of a special mineral belong with that mineral; e. g. cleavage of borates 549.73

- .1 Systems of crystallization
- .2 Twin crystals      Crystallin aggregations
- .3 Cleavage      Isomorfism      Polymorfism
- .4 Irregularities      Internal imperfections
- .5 Formation and growth of crystals
- .6 Pseudomorfs
- .7 Mathematic: mesurement of angles
- .8 Physical
- .9 Optical

## 549 Mineralogy

.01 Philosophy, classification      .02 Compendis      .03 Dictionaries      .04 Essays, papers, etc.      .05 Periodicals      .06 Societies      .07 Study and teaching, museums      .08 Collectiv works      .09 History

- .1 **Determinativ      Blowpiping**  
 See also 543.6 Methods of analysis of rocks and ores  
 See 542.53 Blowpipes and their manipulation. For other relations see Blowpiping in Relativ index following Tables
- .2 **Nativ elements**
- .3 **Sulfids, tellurids, selenids, arsenids, antimonids, bismuthids**
- .4 **Compounds of chlorin, bromin, iodin, and fluorin**
- .5 **Oxygen compounds: oxids**
- .6      **Silicates**
- .61          Anhydrous
- .65          Hydrous
- .7      **Other ternary oxygen compounds**
- .71          Tantalates      Columbates
- .72          Phosphates      Arsenates      Vanadates      Antimonates  
                 Nitrates
- .73          Borates
- .74          Tungstates      Molybdates      Chromates
- .75          Anhydrous sulfates
- .76          Hydrous sulfates
- .77          Tellurates
- .78          Carbonates
- .79          Oxalates
- .8 **Hydrocarbons**  
 Occurrence as minerals. For chemistry of hydrocarbons see 547.2; for economic geology see 553.2
- .9 **Geografic distribution**

# 550 Geology

550.1 Philosophy, theories, geologic time .2 Compendis .3 Dictionaries .4 Essays, papers, tracts, letters .5 Periodicals .6 Societies .7 Study and teaching, museums .8 Collectiv works .9 History

## 551 Physical and dynamic geology

Including geophysics (physiography, physical geography) and geochemistry broadly treated; see also 551.94. For Cosmic geography, see 523

- .1 **Structure of earth as a whole**
- .11 Interior of earth
- .12 Internal heat
- .13 Earth's crust
- .14 Conductivity of rocks
- .2 **Seismology**
- .21 Volcanoes
- .22 Earthquakes
- .23 Hot springs, geysers
- .24 Oscillations of the earth's crust
- .3 **Erosion and deposition**
- .31 Glaciers and glacial phenomena
- .32 Moraines
- .33 Transported materials, till
- .34 Icebergs
- .35 Aqueous erosion
- .36 Coast changes
- .37 Aerial erosion
- .4 **Surface features of the earth**  
Physical geography
- .41 Continents
- .42 Ilands
- .43 Mountains Valleys Orology
- .44 Caves
- .45 Plains
- .46 Oceans
- .47 Ocean currents
- .48 Rivers Lakes
- .49 Springs Wells Ground water
- .5 **Meteorology Climate**
- .51 Atmosferic currents Winds
- .52 Thermometry, heat  
For other relations see Heat, Temperature, in Relativ index following Tables
- .53 Hypsometry, elevations See 526.36-8 for methods
- .54 Barometry, pressure
- .55 Storms  
See also 537.4 Atmosferic electricity
- .57 Moisture: rainfall, flow of streams, floods
- .58 Prairies, forests, and deserts

Division of Oceans for use under .46 and .47

- 1 Atlantic North sea Baltic
- 2 Mediterranean Black sea
- 3 Gulf of Mexico Caribbean
- 4 Southern Atlantic
- 5 Pacific
- 6 Eastern Pacific or American coast
- 7 Indian Bay of Bengal Red sea
- 8 Arctic
- 9 Antarctic



NATURAL SCIENCE

- 551.6 Metamorfism**
- .7 Stratigrafic geology**
- .71 Archean
- .72 Primary, paleozoic, Cambrian
- .73 Silurian
- .73<sup>1</sup> Lower Silurian
- .73<sup>2</sup> Upper Silurian
- .74 Devonian Old red sandstone
- .75 Carboniferous
- .76 Secondary, mesozoic, triassic and Jurassic: lias, oolite
- .77 Cretaceous
- .78 Tertiary, cenozoic
- .78<sup>1</sup> Eocene, oligocene
- .78<sup>2</sup> Miocene
- .78<sup>3</sup> Pliocene
- .79 Quaternary Postpliocene Glacial
- .79<sup>1</sup> Recent
- .8 Structural geology**
- .81 Stratification
- .82 Curvature and contortion
- .83 Ripple marks and sun cracks
- .84 Joints Cleavage Polarity in rocks
- .85 Dip Outcrop Strike
- .86 Anticlinal Synclinal
- .87 Faults and folds Dislocations
- .88 Veins Dykes Necks Bosses
- .89
- .9 Agents of geologic work**
- .91 Frost
- .92 Water
- .93 Atmosphere
- .94 Geochemistry
- Chemical changes: heat. See also note to 551
- .95 Animals
- .96 Coral reefs
- .97 Plants
- .98 Segregation and concretion
- .99 Other agents

## 552 Lithology Petrography Petrology

- .1 Igneous rocks**
- .2 Volcanic rocks
  - .21 Lavas Scoria
  - .22 Volcanic ashes Volcanic tufa Tuff
  - .23 Obsidian Pumice Pitchstone
  - .24 Trachyte
  - .25 Rhyolite
  - .26 Andesite Dacite Phonolite
  - .27 Felsites
  - .28 Basalt
  - .29 Other volcanic rocks
- .3 Plutonic rocks
  - .31 Porphyry Porphyrite
  - .32 Syenite
  - .33 Granit
  - .34 Diabase and gabbro
  - .35 Dolerite
  - .36 Diorite
  - .37 Norite
  - .38 Peridotite
  - .39 Other Plutonic rocks
- .4 Metamorphic rocks**
- .41 Granites and syenites
- .42 Gneiss
- .43 Schists
- .44 Slates Argillite Phyllite
- .45 Quartzite Novaculite Itacolumite
- .46 Marble Crystallin limestone
- .47 Serpentine
- .48 Chrysolitic rocks
- .49 Other metamorphic rocks
- .5 Sedimentary rocks**
- .51 Sandstone Conglomerate Sand Gravel
- .52 Shale Clay Silt
- .53 Gypsum Salt
- .54 Limestone Marl Ooze
- .55 Dolomite
- .56 Oolite
- .57 Infusorial or diatomaceous earth
- .58 Glauconite Greensand
- .59 Other sedimentary rocks
- .6 Meteorites**
- .7 Decay of rocks**

- 552.8 **Microscopic petrography**
- .81 Determination of rock minerals
- .82 Rock structure
- 553 **Economic geology** See also 622 Mining engineering
- .1 **Ore deposits**
- .11 Formation and structure
- .12 Classification
- .13 Superficial: placers
- .14 Stratified: beds, etc.
- .15 Unstratified
- .16 Disseminated thru eruptiv rocks
- .17 Stockwerks Fahlbands Contacts
- .18 Chambers and pockets Impregnations
- .19 Mineral veins
- .2 **Carbon series**
- .21 Peat While the history of all other products goes in 553.
- .22 Lignite and jet history of metals is more useful in 669, Metallurgy
- .23 Cannel coal Bituminous shale
- .24 Bituminous and semibituminous coals
- .25 Anthracite and grafitic anthracite
- .26 Grafite Plumbago
- .27 Asfalt and asfaltic coals Ozocerite
- .28 Petroleum Natural gas
- .29 Fossil gums and resins
- .3 **Ores of iron**
- .4 **Ores of metals other than iron**
- .41 Ores of gold
- .42 Ores of silver
- .43 Ores of copper
- .44 Ores of led
- .45 Ores of zinc and tin Mercury
- .46 Ores of manganese and chromium
- .47 Ores of antimony and arsenic
- .48 Ores of nickel and cobalt
- .49 Other metallic ores
- .5 **Bilding stones**
- .51 Marbles and limestones
- .52 Granits and syenites
- .53 Sandstones
- .54 Slates
- .55 Serpentine Soapstones
- .56 Porphyries
- .57 Trap
- .58 Tufa Peperino
- .59 Other bilding stones

DECIMAL CLASSIFICATION

- 553.6 Earthy economic minerals**
- .61 Fire clays Brick clays Potter's clays
  - .62 Sands
  - .63 Rock salt Gypsum
  - .64 Phosphates Apatite Guano See also 631.85
  - .65 Emery Corundum
  - .66 Hevy spar Sulfur
  - .67 Asbestos, etc.
  - .68 Limes and mineral cements
  - .69 Other earthy economic minerals

**.7 Mineral waters**

Divide general works with 0 geograficly like 930-999; e.g  
Mineral waters of Germany, 553.7043

- .71 Alkalin
- .72 Salin
- .73 Chalybeate, ironbearing
- .74 Sulfuric
- .75 Calcic

See also 551.23

**.8 Gems Ornamental stones**

**.9 Other economic minerals**

- 554 Geology of Europe 554-559 subdivided by countries like 940-999
- 555 Geology of Asia
- 556 Geology of Africa
- 557 Geology of North America
- 558 Geology of South America
- 559 Geology of Oceania Polar regions

**560 Paleontology** Use form divisions as in 550 and divide .9 geograficly like 930-999; e. g. Paleontology of England is 560.042

- 561 Plants 561 is subdivided like Botany, 580
- 562 Invertebrates 562-569 is subdivided like Zoology, 592-599
- 563 Protozoa Radiates
- 564 Mollusks
- 565 Articulates
- 566 Vertebrates
- 567 Fishes Batrachia
- 568 Reptils Birds
- 569 Mammals

# 570 **Biology**      **Archeology**

- 570.1 Philosophy    .2 Compendis    .3 Dictionaries    .4 Essays, lectures, etc.  
 .5 Periodicals    .6 Societies    .7 Study and teaching, museums; nature study  
 .8 Collectiv works    .9 History

## 571 **Prehistoric archeology**

For Customs, see 390    For Archeology of special countries, see 913

- .1 **Paleolithic, or early stone age**
- .11 Drift remains
- .12 Cave men
- .13 Remains of animals      Shells
- .14 Chipt stones
- .15 Flint flakes      Arrow heds      Knives, etc.
- .16 Other stone remains
- .19 Other remains
- .2 **Neolithic, or late stone age**
- .21 Stone quarries
- .22
- .23 Remains of animals
- .24 Polisht stones
- .25 Sharpend stones: celts, tools, wepons
- .26 Perforated stones: spindles, net sinkers, pipes
- .27 Hollowd stones: mortars, cups, food vessels
- .28 Other stone remains
- .29 Other remains
- .3 **Bronze age**
- .31 Ancient copper and tin mining
- .34 Bronze remains
- .35 Tools      Wepons, etc.
- .37 Cups      Vessels
- .39 Other remains
- .4 **Iron age**
- .5 **Other remains**
- .51 Implements of wood
- .52 Implements of bone
- .53 Basket work
- .54 Textil fabrics
- .55 Pottery
- .56 Glass
- .6
- .7 **Rudiments of art      Ornaments**
- .71 Drawings
- .72 Paint
- .73 Sculptures
- .74 Beads

DECIMAL CLASSIFICATION

- 571.8 Dwellings**  
 .81 Natural caves  
 .82 Earth houses Pit dwellings Weems  
 .83 Lake dwellings Crannoges  
 .84 Cliff dwellings  
 .85 Pueblos  
 .86 Tents as dwellings  
**.9 Mounds and monuments**  
 .91 Mounds and mound bilders  
 .92 Grave mounds  
 .93 Kitchen middens Shell banks  
 .94 Monoliths Cromlechs  
 .95 Circles Labyrinths  
 .96 Cairns  
 .97  
 .98  
 .99

**572 Ethnology Anthropology**

See also 136.4 Mental race characteristics

- .1 Unity of the human race**  
**.2 Diversity of races**  
**.3 Migrations of men**  
**.4 Original home of man: Eden, Atlantis, etc.**  
**.5**  
**.6**  
**.7 Savages: races divided by practises**  
 Class description of savages of special country in 914-919; e. g. Australian bushmen 919.4  
**.8 Races divided by language like 400**  
**.9 Races divided by countries like 930-999**  
 Divide by countries where possible. Use language divisions for groups like Semitic, Aryan, Teutonic, English, etc.

**573 Natural history of man Somatology**

- .1 Man's place in nature**  
**.2 Origin of man**  
**.3 Antiquity of man**  
**.4 Influence of climate and surroundings**  
**.5 Color in man**  
**.6 Anthropometry**  
**.7 Craniology**  
**.8 Dwarfs and giants**  
**.9 Monstrosities**

See also 611.012 Teratology; 613.91 Congenital defects; 617.3 Deformities

574 Homologies

575 Evolution

See also 213 Creation; 215 Religion and science; 239.8 Apologetics

- .1 **Heredity**  
For other relations see Heredity in Relativ index following Tables
- .2 **Variation** See also 591.15 Physiologic zoology
- .3 **Environment** See also 136.2 Mental; 573.4
- .4 **Natural selection** **Survival of the fittest**
- .5 **Sexual selection**
- .6 **Development**
- .7 **Degeneration**
- .8 **Origin of species**
- .9 **Origin of sexes** See also 591.36 Embryology

576 Origin and beginnings of life

[576-577 are undergoing revision that will change some numbers and greatly enlarge them in a later edition]

- .1 **Spontaneous generation**
- .2 **Protoplasm** **Bioplasm**
- .3 **Cells**
- .4 **Beginnings of motion and sensation**
- .5
- .6

577 Properties of living matter

- .1 **Chemic: difference between organic and inorganic**
- .2 **Life: difference between dead and living matter**
- .3 **Difference between vital and physical phenomena**
- .4 **Conditions of life: moisture, temperature**
- .5 **Difference between plants and animals**
- .6 **Vital force**
- .7 **Deth** See also 612.013
- .8 **Sex in nature**
- .9

578 Microscopy See also 535.82 Optics

- .1 **Varieties of microscopes**
- .2 **Optic parts**
- .3 **Mechanical parts**
- .4 **Accessory apparatus and management of microscope**
- .5 **Illuminating apparatus**
- .6 **Preparation and mounting of objects**
- .7 **Special preparation and study of inorganic material**
- .8 **botanic material** See 581.8 Histology
- .9 **zoologic material** " 591.8

DECIMAL CLASSIFICATION

579

Collectors manuals

- .1 Preparing skeletons
- .2 Preservatives and hardening fluids
- .3 Injections
- .4 Taxidermy
- .5 Mounting specimens
- .6 Collecting
  - .611 Alluring; bait, light, etc.
  - .612 Hunting; nets, collecting bottle, etc.
  - .613 Killing
  - .614 Exchange Purchase
  - .615 Rearing
  - .616 Transporting
- .7 Arrangement of specimens in museums
  - .71 Cabinets
  - .72 Labels
- .8 Preservation of specimens
  - .81 Museum pests
  - .82 Pestifuges
  - .83 Prevention of moisture
  - .84 Retention of colors
- .9



# 580 Botany

580.1 Philosophy, classification, nomenclature .2 Compendia .3 Dictionaries, cyclopedias .4 Essays .5 Periodicals .6 Societies .7 Study and teaching, herbariums, botanic gardens .8 Collectiv works .9 History

## 581 Physiologic and structural botany

Subdivided where wished like 591

- .1 **Physiology**
- .2 **Pathology**      **Teratology**
- .21      **Diseases**
- .22      **Teratology**
- .23      **Parasites**
- .3      **Embryology**      **Germination**
- .4      **Morfology**      **Comparativ anatomy**
- .5      **Habits**
- .6      **Economic**
- .7      **Organografy**      **Descriptiv anatomy**
- .8      **Histology**      See 578.8

## .9 Geografic

### .91 Distribution of plants

Subdivide .93-.99 like 930-999      Use .92 for ocean, marine flora

This Geografic classification is to be used only for general works and cross references. 'Flora of North America' is put 581.97; but 'North American cryptogams' is class 586 with a reference from 581.97, but North American phanerogams go with 581.97 because it so completely covers the subject

General works covering both Phanerogamia and Cryptogamia are put under 580 as books covering Vertebrates and Invertebrates are put under 590

In applying these numbers to Fossil plants, 561, note that one more figure must be used than in fossil animals. The Zoology numbers are already given in the 3d place in Paleontology, e. g. 592 Invertebrates, 562 Fossil invertebrates, and so on to 599 Mammals, and 569 Fossil mammals. But in Fossil plants, 561, all 8 sections are group together and the section number must be repeated. Fossil phanerogams are 561.2 not 562, which is assigned to Invertebrate zoology as more important. Lichens are 561.91, etc. In the same way the Fossil flora of North America is 561.197, i. e. the first 2 Botany figures, 58, are changed to 561 to give the corresponding Fossil botany number, while in zoology the only change is from 59 to 56 for first 2 figures, except in 591 which can not change to 561, which is assigned to Botany. The Fossil fauna of North America must therefore go among general works under 560.97

## 582 Phanerogamia

See also 715 Trees; 634.9 Forestry

The subsections below are taken from the recognized authority, Bentham and Hooker's *Genera plantarum*

## 583 Dicotyledonæ

- .I      **Polypetalæ**
- .II      **Ranales**
- .111      **Ranunculaceæ**
- .112      **Dilleniaceæ**
- .113      **Calycanthaceæ**
- .114      **Magnoliaceæ**
- .115      **Anonaceæ**
- .116      **Menispermaceæ**
- .117      **Berberidæ**
- .118      **Nymphæaceæ**

DECIMAL CLASSIFICATION

<b>583.12</b>	<b>Parietales</b>
.121	Sarraceniaceæ
.122	Papaveraceæ
.123	Cruciferae
.131	Capparideæ
.133	Resedaceæ
.134	Cistineæ
.135	Violarieæ
.137	Canellaceæ
.138	Bixineæ
.14	<b>Polygalineæ</b>
.141	Pittosporæ
.142	Tremandreae
.143	Polygaleæ
.145	Vochysiaceæ
.15	<b>Caryophyllineæ</b>
.151	Frankeniaceæ
.152	Caryophylleæ
.153	Sileneæ
.154	Alsineæ
.155	Polycarpeæ
.156	Portulacææ
.158	Tamariscineæ
.16	<b>Guttiferales</b>
.161	Elatineæ
.162	Hypericineæ
.163	Guttiferae
.166	Ternstroemiaceæ
.167	Dipterocarpeæ
.168	Chlænaceæ
.17	<b>Malvales Malvaceæ</b>
.18	Sterculiaceæ
.19	Tiliaceæ
.21	<b>Geraniales</b>
.211	Lineæ
.213	Humiriaceæ
.214	Malpighiaceæ
.221	Zygophylleæ
.223	Geraniaceæ
.23	Rutaceæ
.241	Simarubeæ
.245	Ochnaceæ
.247	Burseraceæ
.251	Meliaceæ
.255	Chailletiaceæ

NATURAL SCIENCE

<b>583.26</b>	<b>Olacales</b>
.261	Olacineæ
.269	Ilicineæ
.27	<b>Celastrales</b>
.271	Celastrineæ
.274	Stackhousiæ
.275	Rhamnæ
.279	Ampelideæ
.28	<b>Sapindales</b>
.281	Sapindaceæ
.291	Sabiaceæ
.292	Anacardiaceæ
.297	<b>Anomala</b>
.298	Coriariæ
.299	Moringæ
.3	<b>Rosales</b>
.31	Connaraceæ
.32	Leguminosæ
.37	Rosaceæ
.38	Saxifrageæ
.39	Crassulaceæ
.393	Droseraceæ
.394	Hamamelideæ
.396	Bruniaceæ
.398	Halorageæ
.4	<b>Myrtales</b>
.411	Rhizophoreæ
.414	Combretaceæ
.42	Myrtaceæ
.43	Melastomaceæ
.441	Lythriæ
.445	Onagrarieæ, cenothers
.45	<b>Passiflorales</b>
.451	Samydaceæ
.453	Loaseæ
.455	Turneraceæ
.456	Passifloreæ
.461	Cucurbiaceæ
.468	Begoniaceæ
.469	Datisceæ
.47	<b>Ficoidales</b>
.471	Cactæ
.475	Ficoideæ
.48	<b>Umbellales</b>
.481	Umbelliferæ
.491	Araliaceæ
.497	Cornaceæ

DECIMAL CLASSIFICATION

<b>583.5</b>	<b>Gamopetalæ</b>	
.51	<b>Rubiales</b>	Caprifoliaceæ
.52		Rubiaceæ
.53	<b>Asterales</b>	
.531		Valerianæ
.541		Dipsacæ
.546		Calysereæ
.55		Compositæ
.57	<b>Campanales</b>	Stylidiæ
.58		Goodenoviæ
.59		Campanulaceæ
.6	<b>Ericales</b>	
.61		Vacciniaceæ
.62		Ericaceæ
.63		Monotropeæ
.64		Epacrideæ
.65		Diapensiaceæ
.66		Lennoaceæ
.67	<b>Primulales</b>	
.671		Plumbagineæ
.672		Primulaceæ
.677		Myrsinæ
.68	<b>Ebenales</b>	
.681		Sapotaceæ
.685		Ebenaceæ
.686		Styraceæ
.7	<b>Gentianales</b>	
.71		Oleaceæ
.716		Salvadoraceæ
.72		Apocynaceæ
.73		Asclepiadeæ
.74		Loganiaceæ
.75		Gentianeæ
.76	<b>Polemoniales</b>	
.761		Polemoniaceæ
.764		Hydrophyllaceæ
.77		Boragineæ
.78		Convolvulaceæ
.79		Solanaceæ
.8	<b>Personales</b>	
.81		Scrophularinæ
.821		Orobanchaceæ
.825		Lentibulariæ
.829		Columelliaceæ
.83		Gesneraceæ
.84		Bignoniaceæ
.85		Pedalinæ
.86		Acanthaceæ
.87	<b>Lamiales</b>	
.871		Myoporinæ
.876		Selaginæ
.88		Verbenaceæ
.891		Labiatae
.899	<b>Ordo anomalus</b>	Plantagineæ

- 583.9 - Apetalæ**
- .91 **Curvembryæ**
  - .911 Nyctaginæ
  - .912 Illecebraceæ
  - .913 Amarantaceæ
  - .914 Chenopodiaceæ
  - .915 Phytolaccaceæ
  - .916 Batideæ
  - .917 Polygonaceæ
  - .92 **Multiovulatæ aquaticæ**
  - .921 Podostemaceæ
  - .922 **Multiovulatæ terrestres**      Nepenthaceæ
  - .923 Cytinaceæ
  - .924 Aristolochiaceæ
  - .925 **Micrembryæ**      Piperaceæ
  - .926 Chloranthaceæ
  - .927 Myristiceæ
  - .928 Monimiaceæ
  - .93 **Daphnales**
  - .931 Laurineæ
  - .932 Proteaceæ
  - .933 Thymelæaceæ
  - .934 Penæaceæ
  - .935 Elæagnaceæ
  - .94 **Achlamydosporeæ**
  - .941 Loranthaceæ
  - .943 Santalaceæ
  - .947 Balanophoreæ
  - .95 **Unisexuales**
  - .951 Euphorbiaceæ
  - .961 Balanopseæ
  - .962 Urticaceæ
  - .971 Platanaceæ
  - .972 Leitnerieæ
  - .973 Juglandææ
  - .974 Myricaceæ
  - .975 Casuarineæ
  - .976 Cupulifereæ
  - .98 **Anomali**
  - .981 Salicineæ
  - .983 Lacistemaceæ
  - .984 Empetraceæ
  - .987 Ceratophylleæ

**584 Monocotyledonæ**

- .1 **Microspermeæ**
- .11 Hydrocharideæ
- .13 Burmanniaceæ
- .15 Orchideæ

DECIMAL CLASSIFICATION

<b>584.2</b>	<b>Epigynæ</b>
.21	Scitamineæ
.22	Bromeliaceæ
.23	Hæmodoraceæ
.24	Irideæ
.25	Amaryllideæ
.26	Taccaceæ
.27	Dioscoreaceæ
.3	<b>Coronariæ</b>
.31	Roxburghiaceæ
.32	Liliaceæ
.34	Pontederiaceæ
.35	Philydraceæ
.36	Xyrideæ
.37	Mayaceæ
.38	Commelinaceæ
.39	Rapateaceæ
.4	<b>Calycineæ</b>
.41	Flagellariæ
.45	Juncaceæ
.5	Palmæ
.6	<b>Nudifloreæ</b>
.61	Pandaneæ
.62	Cyclanthaceæ
.63	Typhaceæ
.64	Aroideæ
.68	Lemnaceæ
.7	<b>Apocarpæ</b>
.71	Triurideæ
.72	Alismaceæ
.74	Naiadaceæ
.8	<b>Glumaceæ</b>
.81	Eriocaulæ
.82	Centrolepideæ
.83	Restiaceæ
.84	Cyperaceæ
.9	Gramineæ
<b>585</b>	<b>Gymnospermæ</b>
.1	Gnetaceæ
.2	Coniferæ
.9	Cycadaceæ
<b>586</b>	<b>Cryptogamia</b>
<b>587</b>	<b>Pteridophyta</b>
.1	Isoetæ
.2	Equisetæ
.3	Filicinæ
.9	Lycopodinæ

588 Bryophyta

- .1 Sphagna
- .2 Musci
- .3 Hepaticæ
- .4 Characæ

589 Thallophyta

- .1 Lichenes
  - .11 Basidiolichenes
  - .15 Ascolichenes
  - .16 Angiocarpæ
  - .17 Gymnocarpæ
  - .18 Gelatinosæ
  - .19 Byssacæ
- .2 Fungi
  - .21 Carposporeæ
    - .22 Basidiomycetes
    - .221 Gasteromycetes
    - .222 Hymenomycetes
    - .224 Tremellinæ
    - .225 Uredinæ
    - .227 Ustilagineæ
    - .229 Entomophthoræ
  - .23 Ascomycetes
    - .231 Tuberacæ
    - .233 Discomycetes
    - .235 Pyrenomycetes
    - .238 Gymnoasceæ
  - .24 Oosporeæ
    - .25 Peronosporæ
    - .26 Saprolegniæ
  - .27 Zygosporæ
    - .28 Zygomycetes
    - .29 Myxomycetes, mycetozoa
- .3 Algæ
  - .4 Carposporæ
    - .41 Floridæ
    - .47 Coleochaetæ
  - .5 Oosporeæ
    - .6 Zygosporæ
      - .61 Conjugatæ
      - .67 Zoosporæ
- .7 Protophyta
  - .8 Chlorophyllacæ
  - .9 Achlorophyllacæ
    - .91 Saccharomycetes Yeast
    - .95 Schizomycetes Bacteria Microbes

For other relations see Bacteria in Relativ index following Tables

## 590 Zoology

590.1 Philosophy, classification lectures, etc. .2 Compendis .3 Dictionaries .4 Essays, .5 Periodicals .6 Societies .7 Study and teaching, zoologic gardens, aquaria, museums .8 Collectiv works .9 History

## 591 Physiologic zoology

- .1 **Physiology**
- .11 Circulation
- .12 Respiration
- .121 Nature
- .122 Dermal
- .123 Aquivascular
- .125 Branchial
- .126 Tracheal
- .127 Pulmonary
- .129 Exhalation of aqueous vapor
- .13 Nutrition
- .131 Acquisition of food
- .132 Digestion of food
- .133 Assimilation of food
- .134 Growth
- .135 Development
- .136 Repair of waste
- .137 Production of organic material
- .138 Conditions of nutritiv activity
- .139 Longevity, vitality
- .14 Secretion and excretion
- .141 Mucous and sebaceous
- .142 Sericeous
- .143 Digestiv: salivary, gastric, pancreatic
- .144 Odoriferous, sweet, etc.
- .145 Poisonous, gall formation, caprification
- .146 Mammary, spermatic
- .147 Lacrimal
- .148 Biliary
- .149 Urinary and fecal
- .15 Variation See also 575.2 Evolution
- .151 Polymorphic
- .152 Geografic
- .153 Heterofagic
- .154 Polygoneutic
- .155 Mimetic
- .156 Sexual
- .157 Colorational
- .158 Hybrids
- .159 Monstrosities



NATURAL SCIENCE

- 591.16 Generation
  - .161 Abiogenesis
  - .162 Parthenogenesis, neuters
  - .163 Metagenesis, pedogenesis, nurses
  - .165 Fission and gemmation
  - .166 Fecundation
  - .167 Hermaphrodites
  - .168 Vivipara
  - .169 Superfetation
  - .17 Histogenesis
    - .171 Development of sperm cells
    - .172 Development of germ cells, micropyle
    - .179 Reparation of wounds
  - .18 Nervous functions and sensation
  - .19 Physiologic chemistry
- .2 **Pathology**
- .3 **Embryology**
  - .33 Development of embryo
  - .34 Metamorphosis, larva, pupa, molting
  - .35 Hypermetamorphosis
  - .36 Production of sexes
    - See also 575.9 Origin of sexes
- .4 **Morfology    Comparativ anatomy    Homologies**
  - .41 Circulatory organs
  - .42 Respiratory organs
  - .43 Nutritory organs
  - .44 Secretory and excretory organs
  - .45
  - .46 Generatory organs
  - .47 Motory organs
  - .48 Nervous system
  - .49 Integument    Dermoskeleton    Skeleton
- .5 **Habits and behavior**
  - Including popular books; animal stories, except fiction
  - .51 Instinct    Reason
  - .52 Abode    Migration
  - .53 Food
  - .54 Seasons    Hibernation
  - .55 Sociability
  - .56 Philoprogenitivness    Breeding
  - .57 Means of protection    Fascination
  - .58
  - .59 Other habits

DECIMAL CLASSIFICATION

- 591.6 Economic**
- .61 Usefulness
  - .62 In nature
  - .63 As food and medicin for man
  - .64 In chemistry and manufactures
  - .65 Noxiousness
  - .66 Offensiv animals
  - .67 Animals causing diseases [substances]
  - .68 Injuring vegetable and animal products and inorganic
  - .69 Injuring living plants and animals Parasites
  - .7 **Organografy Descriptiv anatomy**  
Subdivided like 591.4 Morfology
  - .8 **Histology** See also 578.9 Microscopic zoology
  - .9 **Geografic distribution of animals**  
Subdivide like 930-999, using .92 for ocean, marine fauna
- 592 Invertebrates**
- 593 Protozoans Radiates**
- .1 **Protozoans**
  - .11 Rhizopoda
  - .12 Foraminifera
  - .13 Heliozoa
  - .14 Radiolaria Polycystina
  - .15 Infusoria
  - .16 Flagellata
  - .17 Ciliata
  - .18
  - .19 Gregarinidæ
  - .2 **Radiates**
  - .3 Coelenterata Acalepha (old use of term, now limited to 593.73)
  - .4 Sponges Porifera Spongia
  - .5 Cnidaria
  - .6 Actinozoa Polyyps Corals and sea anemones
  - .61 Rugosa Tetracorolla
  - .62 Alcyonaria Octocorolla
  - .63 Zoantharia Hexacorolla
  - .64 Antipatharia
  - .65 Actinaria
  - .66 Madreporaria
  - .7 **Hydrozoa**
  - .71 Hydromedusæ
  - .72 Siphonophora
  - .73 Acalepha
  - .74 Calycozoa
  - .76 Marsupialida
  - .77 Discophora Jelly fish
  - .8 Ctenophora Jelly fish

NATURAL SCIENCE

- 593-9            **Echinodermata**  
 .91            Crinoidea, sea lilies  
 .92            Asteroidea, star fish  
 .93            Stelleridea  
 .94            Ophiuridea  
 .95            Echinoidea, sea urchins  
 .96            Holothuroidea, sea cucumbers  
 .97            Pedata  
 .98            Apoda  
 .99            **Enteropneusta**

594            **Mollusks**

- .1            **Lamellibranchiata**      **Bivalvs**  
 .2            **Scaphopoda**  
 .3            **Gastropoda**      **Univalvs: snails, slugs**      See also 632 Pests  
 .4            **Pteropoda**      **Wingd shells**  
 .5            **Cephalopoda**      **Squids and cuttle fish**  
 .6            **Molluscoidea**  
 .7            **Bryozoa**      (**Polyzoa**)      **Sea mats**  
 .8            **Brachiopoda**      **Lamp shells**  
 .9            **Tunicata**      (**Ascidia**)      **Sea grapes**

595            **Articulates**

- .1            **Worms**      **Vermes**      See also 632 Pests  
 .2            **Arthropoda**  
 .3            **Crustacea**  
 .31            **Entomostraca**      **Cyclops, shrimps, etc.**  
 .32            **Phyllopora**  
 .33            **Ostracoda**  
 .34            **Copepoda**  
 .35            **Cirripedia**      **Barnacles, etc.**  
 .36            **Malacostraca**      **Sandbugs, crabs, lobsters, etc.**  
 .37            **Arthrostraca**  
 .38            **Thoracostraca**  
 .39            **Gigantostocraca**      **Trilobites**  
 .4            **Arachnida**      **Spiders**      **Scorpions**      **Mites**      See also 632 Pests  
 .5            **Onychophora**  
 .6            **Myriopoda: centipedes, etc.**      See also 632 Pests  
 .7            **Insects**      **Insecta**      **Hexapoda**      See also 632 Pests  
 .71            **Thysanura: bristletails, springtails, etc.**  
 .72            **Orthoptera: grasshoppers, etc.**  
 .73            **Pseudoneuroptera: dragon-flies, white ants, etc.**  
 .74            **Neuroptera: caddis flies, etc.**  
 .75            **Rhynchota: (hemiptera) bugs, etc.**  
 .76            **Coleoptera: beetles**  
 .77            **Diptera: flies, etc.**  
 .78            **Lepidoptera: butterflies, moths**  
 .79            **Hymenoptera: bees, wasps, etc.**

DECIMAL CLASSIFICATION

- 596 Vertebrates
- 597 Fishes Pisces
- .1 Pharyngobranchii Lancelet
  - .2 Marsipobranchii Lampreys
  - .3 Elasmobranchii Sharks, rays, etc.
  - .4 Ganoidei Sturgeons, garpikes, etc.
  - .5 Teleostei: true bony fishes
  - .6 Batrachia (Amphibia)
  - .7 Ophiomorpha
  - .8 Anura Toads, frogs
  - .9 Urodela Salamanders
- 598 Reptils Birds
- .1 Reptils
  - .11 Lacertilia Lizards
  - .12 Ophidia Snakes
  - .13 Chelonia Turtles
  - .14 Crocodilia Crocodiles
  - .15 Ichthyopterygia
  - .16 Sauropterygia
  - .17 Anomodontia
  - .18 Pterosauria
  - .19 Dinosauria
  - .2 Birds Aves
  - .3 Gallatores, waders
  - .4 Natatores, swimmers
  - .5 Cursores, runners
  - .6 Rasores, scratchers
  - .7 Scansores, climbers
  - .8 Insessores, perchers
  - .9 Raptores, birds of prey
- 599 Mammals Mammalia
- .1 Monotremata Duckbill platypus
  - .2 Marsupialia Kangaroos, opossums
  - .3 Edentata Rodentia Insectivora Sloths Rodents  
Moles
  - .4 Cheiroptera Bats
  - .5 Cetacea Sirenia Whales, etc.
  - .6 Proboscidea Hyracoidea Elephants Hyrax
  - .7 Ungulata Carnivora Domestic mammals See also 636
  - .8 Quadrumana Apes
  - .9 Bimana Man See also 573 Nat. hist. of man; 670 Medicin

# Useful Arts

## 600 Useful arts

601 Filoosofy Theories, etc.

602 Compends, outlines

603 Dictionaries, cyclopedias

604 Essays, lectures, addresses

605 Periodicals, magazines, reviews

606 Societies Fairs Exhibitions

Special exhibitions go with their topics. This is general only

607 Education Schools of technology

Divided like 940-999

608 Patents Inventions

609 History of useful arts in general

For its history, see each special department

DECIMAL CLASSIFICATION

610 **Medicin**

610.1 Filosofy, theories .2 Compenda .3 Dictionaries, cyclopedias .4 Essays  
 .5 Periodicals .6 Societies .7 Study and teaching .71 Medical schools;  
 divided like 940-999 .72 Medical education of women .73 Training schools  
 for nurses .77 Medical museums .8 Collections .9 History of medicin

611 **Anatomy**

See also 591.4 Comparativ anatomy; 591.8 Zoologic histology

**SUMMARY**

- 611.01 Theory
- .012 Teratology
- .013 Embryology
- .014 Anthropologic anatomy
- .016 Paleontologic "
- .018 Histology
- .019 Comparativ anatomy
- .1 Circulatory system
- .2 Respiratory "
- .3 Digestiv "
- .4 Glandular and lymphatic system
- .6 Genito-urinary system
- .7 Motor and integumentary system
- .8 Nervous system
- .9 Regional anatomy

.01

**Theory**

.0111

Notion, definition, value

.0112

Classification, division

.0114

Terminology

.012

**Teratology Anomalies**

To be subdivided like revised 617.3 Orthopedic surgery

.013

**Ontogeny Embryology**

See also physiology, 612.6 Reproduction and development

I

**Germinativ cells**

II

**Sperm**

12

Spermatogenesis

See also 611.63 Male genital organs

15

**Ovum**

16

Ovogenesis

See also 611.65 Female genital organs

17

Maturation

Corpus luteum

2

**Copulation Fecundation Fertilization**

See also Fecundation, in botany 581.166; in zoology 591.3

3

**Germ layers**

31

Segmentation

Cleavage

Blastula

314

Blastula

32

Gastrula

33

Primitiv streak

34

Blastopore

Primitiv mouth

35

Archenteron

Primitiv gut

36

Neurenteric canal

37

Entoderm, entoblast, hypoblast or endoderm

38

Ectoderm, epiblast or ectoblast

39

Mesoderm or mesoblast

395

Mesenchyme

4

Entodermic, entoblastic or hypoblastic organs

41

Notochord

5

Ectodermic, epiblastic or ectoblastic organs

Epidermal layer

51

Neural furrows, folds and canal or medullary plates

See also 611.8 Nervous system

MEDICIN: ANATOMY

- 611.0136 Mesodermic organs
- 61 Protovertebrae Mesoblastic somites, or primitiv  
vertebrae
- 64 Somatopleure, body wall, or musculocutaneous plate  
Outer lamella of lateral plates
- 65 Splanchnopleure, fibrous wall of alimentary canal, or  
gut fiber plate  
Inner lamella of lateral plates
- 66 Coelom, pleuroperitoneal or body cavity  
See also 611.389 Coelom
- 68 Blood or primitiv vessel wall  
See also 611.0185 Histology of blood
- 7 External form of embryo
- 8 Fetal appendages
- 81 Vitellin sac
- 82 Allantois
- 83 Amnion
- 835 Amniotic fluid
- 84 Chorion
- 85 Placenta Umbilic cord
- 9 Experimental embryology
- .014 Anthropologic anatomy  
See also 572 Anthropology
- .016 Paleontologic anatomy  
See also 560 Paleontology
- .018 Histology
- Microscopic structure of organs
- I Cells Cytology  
See also 576.3 Cytology For special cells see tissues to which  
they belong
- 11 Protoplasm
- 13 Nucleus
- 15 Cell division See also 611.01331
- 16 Centrosome
- 18 Cilia Cellular membrane
- 2 Connectiv tissue  
Connectiv, cartilage and bone tissue together known as 'sup-  
porting tissues'
- 21 Connectiv tissue cells
- 22 Connectiv tissue fibers
- 23 Ground substance or matrix
- 24 Reticular and adenoid tissue  
Areolar or interstitial tissue Reticulum
- 25 Mucous or gelatinous tissue Mesenchyme  
See also embryology, 611.013395 Mesenchyme
- 26 Adipose or fat tissue
- 27 Elastic or yellow fibrous tissue
- 28 Fibrous or white fibrous tissue
- 29 Pigment and pigment cells
- 3 Cartilaginous tissue  
True or hyalin cartilage, cartilage cells or chondroblasts For  
Elastic, yellow fibrocartilage, or reticular cartilage see  
611.01827; for Fibrocartilage, fibrous or white fibrocartilage  
see 611.01828
- 34 Perichondrium

DECIMAL CLASSIFICATION

611.0184	Bone or osseous tissue
41	<b>Bone cells</b>
	Osteoblasts    Osteoclasts    Howship's lacunae    Myelo-
	plaques of Robin
43	<b>Ground substance or matrix</b>
	Spongiosum, spongy substance, or cancellated or spongy bone
	Compact substance
	Structure: lacunae, canaliculi, lamellae, Haversian canals
	Volkman's canals
44	<b>Periosteum</b>
	Osteogenetic layer or cells; fibers of Sharpey
46	<b>Bone marrow or medulla</b>
5	<b>Blood</b>
	See also physiology, 612.11 Blood
	For sperm, see 611.01311 and 612.616
57	<b>Lymf</b>
	See also 612.42 Lymphatic system
6	<b>Muscular tissue Sarcoplasm</b>
61	<b>Smooth, unstriped, unstriated or involuntary muscle</b>
62	<b>Striped, striated or voluntary muscle</b>
	Sarcolemma
63	<b>Cardiac muscle</b>
64	Histology of muscular contraction
7	<b>Epithelial tissue</b>
72	<b>Glandular system</b>
73	<b>Mucous membranes</b>
74	<b>Serous " Endothelia</b>
8	<b>Nervous tissue</b>
81	<b>General structure Tectology Neurone</b>
	<b>Regeneration</b>
82	<b>Nerv cells</b>
	Nissl's chromophilic bodies
83	<b>Prolongations and nerv fibers</b>
	Cylinder-axis process; cylinder axis. Appendixes, varicosities
833	<b>Neurilemma Schwann's sheath</b>
834	<b>Myelin Ranvier's nodes Medullary sheath</b>
835	<b>Adventitious sheath, perineurium Epineurium</b>
	<b>Endoneurium</b>
837	<b>Dendrites</b>
84	<b>Neuroglia Ependymal cells, amyloids</b>
86	<b>Terminations</b>
861	Motor terminations
866	Sensory
.019	<b>Comparison with anatomy of lower animals</b>
	Usually better clast in 591.4
	<b>Form divisions</b>
.02	<b>Compendis</b>
.03	<b>Dictionaries Cyclopedias</b>
.04	<b>Essays Addresses</b>
.05	<b>Periodicals</b>
.06	<b>Societies Clubs</b>



MEDICIN: ANATOMY

611.07	Teaching	Methods
.072	Laboratories	Dissection
.077	Pedagogic methods	
.078	Instruments	Apparatus
.08	Polygrafy	
.09	History	
<b>.1</b>	<b>Circulatory system</b>	
.11	Pericardium	
.12	Hart	
.122	Left hart	
.123	Right hart	
.124	<b>Ventricles</b>	
	2 Right	5 Left
.125	<b>Auricles</b>	
	2 Right	5 Left
.126	<b>Endocardium</b>	
	<b>Valvs</b>	
3	Auriculoventricular valvs	
4	Mitral or bicuspid valvs	
42	Tricuspid valvs	
46	Valvs of aorta and of pulmonary artery	
5	Sinuses of Valsalva	
52	Aortic valvs	
50	Pulmonary or semilunar valvs	
6	Valvs of right auricle	
	2 Eustachian	5 Coronary
.127	<b>Myocardium</b>	
.13	<b>Arteries</b>	
.131	<b>Pulmonary artery</b>	
	2 Right branch	5 Left branch
.132	<b>Aorta</b>	
1	Aortic arch	Ascending aorta
2	Coronary arteries	
	2 Right	5 Left
5	Innominate artery	
.133	<b>Carotid arteries</b>	
1	Common carotid	
2	External	"
21	Superior thyroid	
22	Lingual	
23	Facial, or external maxillary	
24	Ascending pharyngeal	
25	Posterior auricular	
26	Occipital	
27	Superficial temporal	
28	Internal maxillary	
281	Sphenopalatin arteries	
289	Middle or great meningeal	
3	Internal carotid	
32	Ophthalmic artery	
33	Cerebral arteries, anterior and middle	
	For posterior cerebral artery see 611.1349	

DECIMAL CLASSIFICATION

- 611.134 Subclavian arteries**
- 1 Axillary
    - Superior thoracic, acromiothoracic, long thoracic or external mammary, alar thoracic, subscapular, posterior and anterior circumflex
  - 2 Brachial or humeral
    - Superior and inferior profunda, nutrient, anastomotica magna, muscular
  - 3 Forearm arteries
    - 31 Radial
    - 35 Ulnar
  - 4 Hand arteries
  - 5 Internal mammary Superior epigastric
  - 6 Costocervical trunk
  - 7 Thyrocervical trunk
  - 8 Posterior, or dorsal scapular, transversa colli
  - 9 Vertebral Basilar, posterior cerebral, circle of Willis
- .135 Thoracic aorta and branches**
- 1 Parietal branches
  - 4 Intercostal "
    - Subcostal, diaframatic, vas aberrans
  - 5 Visceral branches
    - Bronchial, esophageal, pericardial, mediastinal
- .136 Abdominal aorta and branches**
- 1 Inferior frenic
  - 2 Lumbar
  - 3 Middle sacral; caudal
  - 4 Celiac axis
    - Celiac mesenteric, umbilic mesenteric or omphalomesenterica
  - 41 Hepatic
    - Pyloric, gastroduodenal, superior pancreaticoduodenal, right gastro-epiploic, cystic
  - 43 Splenic, lienalis
    - Pancreatic, vasa brevia, left gastro-epiploic
  - 43 Left gastric, gastric, or coronary gastric
  - 5 Mesenteric
    - 51 Superior mesenteric
      - Rami intestini tenuis, or branches of small intestine; inferior pancreaticoduodenal; middle, right and ileocolic; terminal and appendicular branches
    - 52 Inferior mesenteric
      - Left colic, sigmoid, superior hemorrhoidal
  - 6 Middle suprarenal
  - 7 Renal
  - 8 Spermatic
  - 9 Ovarian
- .137 Iliac arteries**
- 1 Common iliac
  - 2 Hypogastric, or internal iliac
  - 3 Parietal branches
  - 4 Lateral sacral
  - 5 Obturator

MEDICIN: ANATOMY

611.1376

Gluteal

- 61 Superior gluteal
- 65 Inferior gluteal      Sciatic

Visceral branches

- 71 Umbilic, superior vesical
- 72 Inferior vesical and deferential
- 73 Uterin and vaginal
- 74 Middle hemorrhoidal
- 75 Internal pudic

External iliac artery

- 81 Inferior epigastric, or deep epigastric
- 82 Deep circumflex iliac
- 83 Femoral
- 84 Deep femoral, profunda femoris
  - 2 External circumflex      5 Internal circumflex
- 85 Arteria genu suprema, or anastomotica magna
- 86 Popliteal
- 87 Anterior tibial
- 9 Tibiofibular trunk, truncus tibioperoneus
- 91 Posterior tibial
- 92 Peroneal
- 93 Arteries of foot
- 94 Dorsalis pedis
  - Tarsal, metatarsal, dorsal interosseous, dorsalis hallucis
- 95 Plantar

Veins :

- .14 Pulmonary
- .141 Cardiac or venae cordis
- .142 Subintestinal, or fetal portal vein
- .143 Cardinal
- .145 Superior vena cava
  - Innominate veins      Veins of neck
- 1 Internal jugular vein
  - Thyroid veins
  - Cerebral veins      Sinuses of dura mater
  - Emissary vein
  - 15 Superior ophthalmic
  - 16 Inferior      "
  - 17 Facial
  - 2 External jugular
  - 3 Posterior external jugular and vertebral
  - 4 Subclavian and axillary
  - 41 Deep veins of upper extremity
  - 46 Superficial veins of upper extremity
    - 2 Basilic      5 Cephalic
  - 6 Azygos
  - 7 Spinal veins

DECIMAL CLASSIFICATION

- 611.146      **Inferior vena cava**  
           1      Lumbar veins  
           2      Renal      "  
           3      Suprarenal "  
           4      Hepatic      "  
           5      Inferior frenic  
           6      Spermatic  
                     Pampiniform or spermatic plexus  
           7      Ovarian  
 .147      **Iliac veins**  
           1      Hypogastric or internal iliac  
                     Hemorrhoidal plexus  
           2      External iliac  
           3      Femoral      Popliteal  
           33      Long, or internal saphenous  
           37      Tibial veins  
           38      Short, or external saphenous  
           39      Veins of foot  
 .149      **Portal vein**  
           1      Superior mesenteric  
           2      Inferior      "  
           3      Ventricular coronary, gastric, or venae gastricae      Pyloric  
           4      Splenic, or lienalis  
           5      Cystic  
           7      Fetal hepatic veins      Omphalomesenteric  
                     Ductus venosus Aranzii, or sinus venosus, large vein passing  
                     directly thru fetal liver  
           8      Umbilic  
 .15      **Capillaries**  
 .2      **Respiratory system**  
 .21      **Nose**  
                     See also 611.86 Organs of smell  
                     External nose  
 .211      External nose  
 .22      **Larynx**  
 .221      **Cartilages**  
                     Epiglottis, thyroid, arytenoid, cuneiform, cornicular  
                     False vocal cords  
                     Ventricles  
                     False vocal cords  
                     Ventricles  
 .225      **Cavity of larynx      Glottis**  
                     True vocal cords      Rima glottidis or chink of glottis  
                     Ligaments  
 .227      Ligaments  
 .229      **Muscles of larynx**  
 .23      **Trachea and bronchi**  
 .231      **Trachea**  
 .233      **Bronchi**  
                     See also 611.24 below  
 .24      **Lungs, or pulmones**  
 .25      **Pleura**  
 .26      **Diafram**  
 .27      **Mediastinum**  
 .28      **Gills**  
                     See comparativ anatomy, 591.42 Respiratory organs  
 .29      Other organs, including air bladder swimming bladder      See 591.42

- 611.3 Digestiv system**
- .31 Mouth, buccal cavity or cavum oris
  - .313 **Tung**
    - 5 Papillae
  - .314 **Teeth**
  - .315 **Palate, palatum, or roof of mouth**      **Soft palate, or velum pendulum palati**      **Uvula**
  - .316 **Salivary and other glands of mouth**
    - 1 Submaxillary and sublingual glands
    - 5 Parotid glands      Stenson's duct
  - .317 **Lips**
  - .318 **Cheeks**
  - .32 **Pharynx**      **Esofagus**
  - .321 **Pharynx**
  - .322 **Tonsils**
    - 323 Fauical tonsils
    - 324 Pharyngeal or Luschka's tonsils
    - 325 Lingual, buccal or 4th tonsil
    - 326 Other tonsils: laryngeal, nasal
    - 327 **Topografy or regions of pharynx**
      - 1 Nasal or epipharynx
      - 2 Oral, buccal, or meso pharynx
      - 3 Laryngeal or hypo pharynx
      - 4 Back
      - 5 Sides
  - .329 **Esofagus**
    - 1 Cervical      2 Thoracic section      3 Abdominal section, including diaframatic
  - .33 **Stomach**
    - Gastric glands: true, oxyntic or peptic; pyloric; cardiac
    - 333 **Cardia**
    - 334 **Pylorus**
    - 335 **Greater curvature, or lower convex surface**
    - 336 **Lesser**      "      " upper concave "
  - .34 **Intestin**
  - .341 **Small intestin**
    - 2 Meckel's diverticulum
    - 3 Peyer's patches, or tonsillae intestinales
    - 4 Plicae circulares
    - 5 Glands of Lieberkühn and solitary glands
    - 342 **Duodenum**      Brünner's glands
    - 343 **Jejunum**
    - 344 **Ileum**
  - .345 **Cecum**
    - 1 Ileocecal valv
    - 2 Vermiform appendix
  - .347 **Large intestin**
    - Including cecum      Appendices epiploicae
  - .348 **Colon**
    - 2 Ascending
    - 3 Transverse
    - 4 Descending
    - 349 Sigmoid flexure
  - .35 **Rectum**      **Anus**
  - .351 **Rectum**      Houston's or rectal valvs
  - .352 **Anus**
  - .353 **Perineum**      See also 611.96

DECIMAL CLASSIFICATION

- 611.36 **Liver**  
 .361 Bile ducts Bile capillaries or canaliculi  
 .362 Hepatic duct  
 .366 Cystic duct Gall bladder  
 .367 Common bile duct, or ductus communis choledicus  
 Process and ampulla of Vater
- .37 **Pancreas**  
 .373 Pancreatic duct, or canal of Wirsung  
 .375 Duct of Santorini  
 .376 Glandular portion  
 .377 Interlobular cell-islets, interlobular cell masses, islands of Langerhans
- .38 **Peritoneum Mesentery Omentum Coelom**
- .381 **Peritoneum**  
 2 Parietal 5 Visceral
- .382 Omentum, epiploon  
 Lesser or gastrohepatic, great or gastrocolic, gastrosplenic
- .383 Mesentery  
 Transverse and sigmoid mesocolon; mesorectum; mesoappendix
- .384 Retroperitoneal fossae  
 .389 Coelom or pleuroperitoneal cavity
- .39 **Adipose bodies**
- .4 **Glandular and lymphatic system**  
 Put glands of any special system with that system. See 611.36, Liver; 611.61, Kidneys; 611.316, Salivary glands; 611.69, Mammary glands. But class here chromaffin tissue in general
- .41 **Spleen**  
 .415 Malpighian bodies  
 .418 Capsule of spleen
- .42 **Lymphatic vessels or lymphatics and capillaries**  
 For lymphatics of an organ or tissue, see name of organ or tissue  
 Lymphatic spaces
- .421 **Lymphatics by region**  
 1 Head  
 2 Face  
 3 Neck  
 4 Thorax  
 5 Abdomen  
 6 Pelvic region  
 7 Upper extremity  
 2 Arm 4 Forearm 6 Hand  
 8 Lower extremity  
 2 Thigh 4 Leg 6 Foot  
 9 Tail
- .423 Receptaculum chyli or cistern of Pecquet
- .424 **Thoracic duct (left)**
- .425 **Right lymphatic duct**  
 .426 Lacteals  
 5 Villi
- .43 **Thymus**  
 .435 Accessory thymus
- .44 **Thyroid gland**  
 .445 Accessory or aberrant thyroids  
 .447 Parathyroids
- .45 **Suprarenal capsules or bodies**  
 Accessory suprarenal capsules

MEDICIN: ANATOMY

- 611.46 **Lymfatic glands**
- .461 Glands of head
  - .462 " " face
    - Internal maxillary      Submental
  - .463 Glands of neck
    - 1 Suboccipital or occipital
    - 2 Mastoid, retroauricular or postauricular
    - 6 Retropharyngeal
    - 7 Cervical or jugular
    - 8 Subclavian
  - .464 Glands of thorax
    - 1 Diafragmatic
    - 2 Mammary lymph
    - 3 Intercostal
    - 4 Mediastinal
  - .465 Abdominal lymph glands
    - 1 Iliac and hypogastric: sacral, lumbar
    - 2 Abdomino-aortic
      - 21 Juxta-aortic
      - 22<sup>1</sup> Preaortic: gastric, splenic, hepatic
      - 23 Retroaortic
    - 6 Glands of small intestine: mesenteric
    - Glands of large intestine: colic, rectal
  - .467 Lymph glands of upper extremity
    - 1 Axillary
    - 2 Epitrochlear or supratrochlear and other glands
    - 5 Pectoral
  - .468 Lymph glands of lower extremity
    - 1 Inguinal
    - 2 Femoral
    - 3 Popliteal
    - 4 Anterior tibial
  - .47 Carotid gland or body
  - .48 Coccygeal gland
  - .6 Genito-urinary system      **Breasts**
  - .61 Kidneys
    - Class here urinary organs in general
    - .615 Uriniferous tubules
    - .617 Ureter
      - .618 Pronephros
      - .619 Mesonephros
    - .62 Bladder      Urethra
    - .621 Bladder
      - 3 Urethral openings
    - .622 Ligaments: urachus
      - For pedicle of allantois see also embryology, 611.01382
    - .623 Urethra
      - 1 For female urethra see 611.674
        - Prostatic part
        - Verumontanum or caput gallinaginis
        - Sinus pocularis or uterus masculinus
      - 2 Membranous part
      - 3 Spongy, cavernous or penial part
      - 4 Lacunae      Littre's glands
      - .627 Bulbo-urethral or Cowper's glands
      - 629 Urogenital sinus

DECIMAL CLASSIFICATION

611.63

Male genital organs

- .631 Testicles or testes
  - 1 Seminiferous tubules
    - Straight tubules, tubuli recti or vasa recta; coni vasculosi or vasa efferentia
  - 3 Tunics of testes: vaginalis, albuginea, vasculosa
  - 5 Mediastinum testis or Highmore's body; rete testis of Haller or Haller's network
- .632 Epididymis
- .633 Appendixes of testes
  - Vasa aberrantia; hydatids of Morgagni, or pedunculated bodies; paradidymis or organ of Giraldès
- .634 Vas deferens
- .635 Ejaculatory ducts
- .636 Seminal vesicles
- .637 Prostate
- .638 Scrotum
  - 4 Dartos
- .639 Spermatic cord
  - Infundibula; intercolumnar or spermatic and cremasteric fascia

.64

Penis

- .641 Root
- .642 Body Prepuce
- .643 Glans penis, or acorn
  - Meatus
- .644 Corpora cavernosa
- .645 Corpus spongiosum
- .646 Bulb of urethra

.65

Female genital organs Adnexa

- .651 Ovaries
  - 1 Medullary substance Stroma
  - 2 Graafian follicles
    - Capsule of ovum, membrana granulosa, discus proligerus
  - 3 Cortical layer
  - .652 Corpus luteum or corpora lutea
    - See also embryology 611.01317
- .656 Fallopian tubes
- .66 Uterus
  - Endometrium
  - .662 Cornua
  - .664 Body or parenchyma
  - .665 Neck, cervix
  - .666 Ligaments
    - For placenta see embryology, 611.01385 and gynecology 618.36
  - 2 Broad or lateral
  - 3 Round Canal of Nuck
  - 4 Uterosacral and uterolumbar Pouch of Douglas
    - Posterior ligaments
  - 6 Epoophoron, parovarium, or organ of Rosenmüller Gärtner's duct
  - 7 Paroophoron
  - .669 Müller's duct Oviducts of lower vertebrates
    - Class oviducts of lower vertebrates in 591.46 except in comparison with human organs

.67

Vagina Vulva

- .671 Vagina
- .672 Hymen Vestibulum
- .673 Vulva
  - 1 Mons veneris
  - 2 Labia majora
  - 3 Labia minora
- .674 Female urethra
- .675 Clitoris Bulbus vestibuli
- .677 Bartholini's, or vulvo-vaginal glands
- .69 Brests
  - .691 Nipple and areola Glands of Montgomery
  - .692 Acini, acinous glands
  - .693 Galactiferous or lactiferous ducts



<b>611.7</b>	<b>Motor and integumentary systems</b>
<b>.71</b>	<b>Osteology    Bones    Skeleton</b>
<b>.711</b>	<b>Spinal colum</b>
1	Cervical vertebrae
2	Atlas
3	Axis or epistropheus
5	Thoracic or dorsal vertebrae
6	Lumbar vertebrae
7	Sacrum or sacral vertebrae
8	Coccyx
<b>.712</b>	<b>Ribs    Thorax</b>
5	Costal cartilages
<b>.713</b>	<b>Sternum or brest bone</b>
	Manubrium; gladiolus; xiphoid or ensiform
<b>.714</b>	<b>Bones of hed    Skull</b>
1	Calvaria or cerebral cranium
	Sutures, fontanelles, supernumerary or Wormian bones
3	Base of cranium
6	Orbits
7	Nasal cavity    Inferior conchae
<b>.715</b>	<b>Cranium, cranial bones</b>
1	Occipital
2	Sphenoid
3	Temporal
4	Parietal
5	Frontal
6	Ethmoid
7	Lacrimial
8	Nasal
9	Vomer
<b>.716</b>	<b>Bones of face or visceral cranium</b>
1	Maxillary, upper jaw or superior maxillary
2	Palate
3	Malar or zygomatic
4	Mandible, lower jaw or inferior maxillary
41	Alveolar limbus
43	Ramus of mandible
5	Hyoid
6	Skeleton branchiae    Better class in 391.4
<b>.717</b>	<b>Bones of upper extremity</b>
1	Scapula, shoulder blade
	Shoulder girdle as a whole    Acromion
2	Clavicle or collar bone
3	Coracoid process
4	Humerus
5	Radius
6	Ulna
7	Carpus, carpal bones or wrist bones
71	Scaphoid or navicular
72	Semilunar, or os lunatum
73	Cuneiform, or os triquetrum
74	Pisiform
75	Trapezium, or os multangulum majus
76	Trapezoid or " " minus
77	Os magnum, or os capitatum
78	Unciform or hook or os hamatum
79	Central
8	Metacarpus, metacarpal bones

DECIMAL CLASSIFICATION

611.7179	Phalanges of hand	
91	Basilar or proximal phalanges	
93	Middle phalanges	
95	Ungual or distal phalanges	
99	Sesamoid	
.718	Bones of lower extremity	
	For pelvis see 611.96	
1	Hip bone, or os coxae or innominatum	
	Acetabulum or cotyloid cavity	
11	Ilium	
12	Ischium	
13	Pubis	
4	Femur	
45	Patella See also 611.7283 Knee joint and 611.983 Knee	
5	Tibia	
6	Fibula	
7	Tarsus	
71	Astragalus, ankle bone, or talus	
73	Calcaneum, heel, or os calcis	
75	Cuboid	
76	Scaphoid or navicular	
78	Cuneiform or wedge bones	
	Internal or first, middle or second, external or third cuneiform	
8	Metatarsal bones	
9	Phalanges of foot	
91	Basilar or proximal phalanges	
93	Middle or second "	
95	Ungual or third "	
99	Sesamoid bones	
.72	Ligaments	Joints
.721	Articulations of vertebrae and of cranium	
1	Occipito-atlantal and occipito-axial	
3	Intervertebral articulations	
5	Atlanto-axial or atlo-axoid and atlanto-odontoid	
6	Lumbosacral	
7	Sacrococcygeal	
8	Coccygeal	
.722	Costovertebral articulations	
.723	Costosternal, costochondral, chondrosternal, interchondral, intersternal	
.724	Jaw joint, temporomandibular, temporomaxillary or mandible joint	
.727	Articulations of upper extremity	
1	Sternoclavicular joint and costoclavicular or rhomboid ligament	
2	Articulations of shoulder	
21	Shoulder joint	
24	Acromioclavicular or scapuloclavicular joint Coracoclavicular and coracoclavicular ligaments	
3	Elbow joint	
31	Humeroulnar joint	
33	Humeroradial joint	
34	Superior radioulnar or radioulnaris proximalis	
4	Wrist joint	
41	Inferior or distal radioulnar joint	
44	Radiocarpal	

MEDICIN: ANATOMY

611.7275	Intercarpal articulation
54	Middle carpal joints
6	Carpometacarpal articulations
7	Intermetacarpal           "
8	Metacarpophalangeal   "
9	Phalangeal or finger joints
.728	Articulations of lower extremity
1	Articulations of pelvis
	Sacroiliac and pubic, or symphysis ossium pubis; sacrosciatic ligament or symphysis sacrococcygea
2	Hip joint, or articulo coxae
	Iliofemoral, Y or Bigelow's ligament; ligamentum teres
3	Knee joint
31	Crucial or femorotibial ligaments
33	Semilunar fibrocartilages
34	Anterior or ligamentum patellae
38	Tibiofibular ligaments
4	Ankle joint
41	Inferior tibiofibular joint
44	Tibiotarsal ligaments
5	Intertarsal ligaments
51	Astragalocalcaneal, calcaneostragaloid or talocalcaneum; astragaloscaphoid; calcaneoscaphoid or calcaneonavicular ligaments
53	Calcaneocuboid ligaments
54	Mediotarsal articulations
55	Cuboidcuneiform       "
56	Scaphoidcuboid or cubonavicularis, scaphoidcuneiform or cuneonavicularis articulations
58	Intercuneiform articulations
6	Tarsometatarsal articulations
7	Intermetatarsal           "
8	Metatarsophalangeal     "
9	Toe joints
.729	Classes of joints
2	Synarthrosis or fixt joint
4	Amphiarthrosis or mixt joint
6	Diarthrosis or movable joint
61	Arthrodia or gliding joint
62	Condylarthrosis or knuckle joint
63	Enarthrosis or ball and socket joint
64	Ginglymus or hinge joint
65	Trochoid or pivot joint
.73	Muscular system           Myology
.731	Dorsal muscles
1	Spinohumeral or humerospinal muscles
11	Trapezius
12	Latissimus dorsi
13	Rhomboid
14	Levator scapulae
2	Spinocostal or serrati posteriores
3	Spinodorsal
	Sacrospinalis, lumbosacral, erector spinae, transversalis cervicis
31	Iliocostal
36	Longissimus dorsi
4	Splenius and complexus

DECIMAL CLASSIFICATION

611.7315

- 6 Spinalis dorsi
- 6 Transversospinales
  - 61 Semispinalis
  - 65 Multifidus
  - 68 Rotatores
- 7 Breves spinae
  - 71 Interspinales
  - 76 Intertransversarii
- 8 Oblique muscles of hed
- 9 Recti capitis posterior and lateralis

.732

**Muscles of hed**

See also 611.7318-9 and 611.7337-8

- 1 Platysma myoides
- 2 Occipitofrontalis or epicranial
- 3 Muscles of nose
  - Pyramidalis nasi, compressor nasi, compressor narium minor, depressor alae nasi or myrtiform, dilatores nasi
- 4 Muscles of ear *Attrahens, attollens, retrahens*
- 5 Palpebral and orbital muscles of eye
  - Orbicularis palpebrarum, or sphincter of eyelids; corrugator supercilii; levator palpebrae; levator palpebrae superioris; tensor tarsi
  - See also 611.8461
- 6 Buccal muscles
  - Buccinator, orbicularis oris, levator anguli oris, levatores labii superioris, levator labii superioris alaeque nasi, zygomatic, levator labii inferioris, levator menti, depressor labii inferioris or quadratus menti; depressor angulae oris or triangularis menti; risorius, or Santorini's muscle
- 7 Muscles aiding mastication and deglutition
  - 71 Masseter
  - 72 Temporal
  - 73 Pterygoid
  - 75 Muscles of palate and pharynx
  - 76 Palate
    - Levator palati, tensor palati, azygos uvulae, palatoglossus, palatopharyngeus, salpingopharyngeus
  - 78 Pharynx
    - Inferior, superior and middle constrictors, stylopharyngeus

.733

**Muscles of neck**

- 1 Sterno-cleido-mastoid
- 2 " hyoid
- 3 Omohyoid
- 4 Sternothyroid
- 5 Thyrohyoid
- 6 Longus colli
- 7 Rectus capitis anticus major, or longus capitis
- 8 Rectus capitis anticus minor, or rectus capitis anterior
  - For rectus capitis lateralis see 611.7319
- 9 Scalen: anticus, medius and posticus

.734

**Hyoid muscles**

Depressors of lower jaw or elevators of hyoid. For tung see 611.313

- 1 Digastric
- 4 Stylohyoid
- 6 Mylohyoid
- 8 Geniohyoid

611.735

**Thoracic muscles**

- 1 Pectoralis major
- 2 " minor
- 3 Subclavius
- 4 Levatores costarum
- 5 Serratus magnus or serratus anterior
- 6 Intercostal
- 7 Subcostal
- 8 Transversus thoracis or triangularis sterni

.736

**Abdominal and coccygeal muscles**

- 1 Rectus abdominis
- 2 Pyramidalis abdominis
- 3 Oblique abdominal
- 6 Cremaster
- 7 Transversalis or transversus abdominis
- 8 Quadratus lumborum
- 9 Coccygeal

.737

**Muscles of upper extremity**

- I **Shoulder or axillary**
  - 11 Deltoid
  - 12 Supraspinatus
  - 13 Infraspinatus
  - 14 Teres minor
  - 15 Teres major
  - 16 Subscapular
- 2 **Arm**
  - 21 Biceps brachii, or biceps flexor cubiti
  - 22 Coracobrachialis
  - 23 Brachialis (anticus)
  - 24 Triceps brachii, or triceps extensor cubiti
  - 25 Anconeus
- 3 **Forearm**
  - 4 **Pronator muscles**
    - 41 Pronator radii teres
    - 45 " quadratus
  - 5 **Flexors of forearm**
    - 51 Flexor carpi radialis
    - 52 Palmaris longus
    - 53 Flexor carpi ulnaris
    - 54 " digitorum sublimis
    - 55 " " profundus
    - 56 " pollicis longus
  - 6 **Extensors and supinators**
    - 61 Brachioradialis
    - 62 Extensor carpi radialis longus
    - 63 " " " brevis
    - 64 " " ulnaris
    - 65 Extensors of fingers, or extensores digitorum
    - 66 Supinator
    - 67 Abductor pollicis longus
    - 68 Short and long extensors of thumb, or extensores pollicis brevis et longus
    - 69 Extensor of index finger, or extensor indicis proprius
- 7 **Muscles of hand**
  - 71 Lumbricales
  - 72 Palmaris brevis
  - 73 Short abductor of thumb, or opponens pollicis
  - Short flexor of thumb, or flexor brevis pollicis. Adductor pollicis
  - 76 **Muscles of little finger**
    - Abductor digiti quinti (or minimi) brevis; opponens digiti quinti;
    - short flexor of 5th or little finger, or flexor brevis digiti minimi
  - 70 Interosseous muscles

DECIMAL CLASSIFICATION

611.738

**Muscles of lower extremity**

- I **Hip and nates**
- 11 Iliopsoas
- 12 Iliacus
- 13 Psoas major and minor
- 14 Gluteal
- 15 Tensor fasciae latae, tensor fasciae femoris or tensor vaginae femoris
- 16 Piriformis
- 17 Obturator internus
- 18 Gemelli or gemini
- 19 Quadratus femoris

.7382

**Thigh muscles**

- 21 Sartorius
- 22 Quadriceps femoris or quadriceps extensor femoris
  - Rectus femoris, vastus externus, vastus internus and crureus or vastus intermedius
- 225 Articularis genu, or subcrureus
- 23 Pectineus
- 24 Adductors: longus, brevis, magnus and minimus
- 25 Gracilis
- 26 Obturator externus
- 27 Biceps femoris or biceps flexor cruris
- 28 Semitendinosus
- 29 Semimembranosus

3

**Leg**

- 4 **Anterior muscles**
- 41 Anterior tibial or tibialis anticus
- 42 Extensor digitorum longus
- 43 " hallucis " or propr.us
- 46 Peronaeus tertius
- 5 **Other muscles of leg**
- 51 Peronaeus longus
- 52 " brevis
- 53 Gastrocnemius
- 54 Soleus, triceps surae
- 55 Plantaris
- 56 Popliteus
- 57 Posterior tibial
- 58 Flexor digitorum longus
- 59 " hallucis "

7

**Muscles of foot**

- 8 **Back of foot**
- Extensor brevis digitorum
- Sole of foot or plantar region
  - Adductor hallucis (obliquus and transversus), adductor digiti minimi, abductor hallucis; flexor hallucis brevis, flexor digitorum brevis, flexor accessorius, flexor digiti minimi brevis, lumbricales, interosaeous muscles

.739

Electric organs Better clast in comparativ anatomy

.74

**Tendons Fasciae**

May be divided like 611.73; e. g. Achilles tendon 611.74854

.75

**Bursae Sheaths of tendons**

.751

**Hed**

.752

**Neck**

.753

**Back**

.754

**Shoulder**

.757

**Upper extremity**

.758

**Lower "**

.76

**Connectiv tissue**

See also 611.0382 Histology of connectiv tissue

- 611.77 Skin Glands of skin  
 .771 Cuticle, scarf skin or epidermis  
     Horny and Malpighian layers  
 .772 Glands of skin  
 .773 Sebaceous  
 .774 Sudoriferous or sweat  
 .775 Ciliary glands  
 .776 Circumanal "  
 .777 Ceruminous "  
 .778 Corium, cutis vera, true skin or dermis  
     Reticular and papillary layers  
     Pigmentation  
 .779 Subcutaneous areolar tissue, tela subcutanea or panniculus adiposus  
 .78 Hair, nails, scales, fethers, etc.  
     For teeth see 611.314 Fur, scales, fethers, horus, etc better clast in  
     comparativ anatomy  
 .781 Hair  
 .785 Scales  
 .786 Nails  
 .787 Fethers  
 .788 Horns
- .8 Nervous system Sense organs
- .81 Encephalon Brain  
     Mesurement Weight  
 .811 General structure of brain and cerebrospinal axis  
 .812 Localizations  
 .813 Telencephalon, or endbrain Prosencephalon, or fore-  
     brain Hemisferes  
         Longitudinal and transverse fissure  
 1 Pallium, brain mantle or cerebral cortex  
 11 Frontal lobe  
     Broca's convolutions  
 12 Parietal lobe Central fissure, sulcus centralis, or  
     Rolando's groove  
         Opercula insulae  
 13 Temporal or temporosphenoid lobe Fissure of Sylvius,  
     or fissura cerebri lateralis  
 14 Limbic lobe Gyrus fornicatus  
     Hippocampal gyre, or gyrus hippocampi Callosal gyre  
     Dentate gyre, or fascia dentata hippocampi Fasciola Pim-  
     bria, taenia fornicis or taenia hippocampi Hippocampus  
     major or cornu ammonis Dentate fissure, hippocampal  
     sulcus, or subiculum cornu ammonis Callosomarginal fissure  
     Amygdala, almond nucleus, or amygdaloid tubercle  
 15 Occipital lobe  
     Occipital or parieto-occipital fissure  
 16 Paracentral gyre or lobule  
 17 Cuneus Calcarin fissure  
 18 Precuneus, or quadrate lobe  
 19 Insula, island of Reil, central lobe, or gyri operi  
 2 Striatum, striate body, or corpus striatum  
     Basal ganglion of hemisphere  
 21 Caudatum, tailld nucleus, or nucleus caudatus  
 22 Lenticula, lenticular nucleus, or nucleus lentiformis  
     Globus pallidus, or pallidum, and putamen  
 23 Claustrum  
 25 Tenia, taenia semicircularis, stria terminalis or corneae

DECIMAL CLASSIFICATION

- 611.8133      **Rhinencephalon or rhinencefal**  
                   Olfactory bulb tract, substantia perforata anterior, precirbrum, etc.  
                   Broca's area, or parolfactoria
- 7      **Centrum ovale majus (of Vieussens)      Centrum semiovale      Internal capsule**
- 8      **Paraceles or lateral ventricles**
- 9      **Callosum or corpus callosum      Fornix**  
                   Septum pellucidum or lucidum, or septum      Cavum septi pellucidi,  
                   5th ventricle or pseudocele
- .814      Diencephalon, diencefal, thalamencephalon or interbrain**
- 1      **Hypothalamus or subthalamic tegmental region**  
                   Nucleus of Luys or nucleus hypothalamicus  
                   Postcommissure or posterior commissure
- 2      **Corpora albicantia, albicans, or corpus mammillare**  
                   Bundle of Vicq-d'Azyr, or fasciculus thalamomammillaris
- 3      **Hypophysis**  
                   Hypophysis cerebri, pituitary body or somatic brain
- Tuber or tuber cinereum      Infundibulum**
- 4      **Optic tract      Optic chiasm or commissure**
- 5      **Epithalamus      Pinea, pineal body, conarium or epiphysis      Habenula, habena, or pedunculus conarii**
- 6      **Geniculate bodies, or geniculum      Metathalamus**
- 7      **Thalamus or optic thalamus**  
                   Thalamic radiation: ansa peduncularis, ansa lenticularis  
                   For Nissl's bodies see 611.01882
- 8      **Third ventricle, or diacele**  
                   Porta or foramen of Monro, or foramen interventriculare
- .815      Mesencephalon, midbrain or mesencefal**
- 3      **Quadrigeminum**  
                   Corpora or tubercula quadrigemina      Quadrigeminal arms
- 4      **Pedunculi or crura cerebri, crura or crus**
- 41      **Substantia nigra (Sömmering) or intercalatum**  
                   See also nucleus of Luys 611.8141
- 42      **Foot of peduncle, basis or pes pedunculi, or crusta**
- 43      **Tegmentum**
- 44      **Red nucleus, nucleus ruber, or rubrum**
- 5      **Nuclei of oculomoto and trochlear nervs**
- 6      **Aqueduct of Sylvius, aqueductus cerebri, or mesocele**
- .816      Isthmus rhombencephali**
- 3      **Valv of Vieussens, or superior medullary velum**
- 4      **Superior cerebellar peduncles**  
                   Prepeduncles, brachium conjunctivum cerebelli, or crura ad cerebrum
- Lemniscus: mesial and lateral fillets**



611.817

**Metencephalon or epencephalon, epencefal or hindbrain**

**Pons (Varolii)**

- 1 Cerebellum
- 11 Lobes, fissures, valv of Tarinus, velum medullare posterius, or kilos
- 13 Cerebellar centers of gray matter Nuclei olivaris superiores: roof nuclei, dentate nuclei, dentatum, etc.
- 15 White substance of cerebellum Arbor vitae
- 3 Pons Varolii Tegument For reticula see 611.8226
- 4 Nuclei of trigeminus system
- 41 Nucleus motorius or motor nucleus of 5th nerv
- 42 Nucleus of spinal tract or sensory nucleus of 5th nerv
- 5 Nucleus or nidus of abducent nerv
- 6 " " " " facial nerv
- 68 Salivary nucleus
- 7 Cochlear nidi or nucleus of cochlear nerv
- Ventral root of 8th nerv
- 76 Trapezium or trapezoid body
- 77 Nucleus of superior olivary body
- 78 Acoustic striae, striae acusticae or medullares
- 8 Vestibular nidi or nucleus of vestibular nerv
- Dorsal root of 8th nerv

.818

**Myelencephalon, metencefal, medulla, bulb or afterbrain, postoblongata or medulla oblongata**

- 1 Pyramids Pyramidal decussation
- 2 Dorsal colum, posterior fibers, or funiculi dorsales
- Arcuate fibers Restis or restiform body
- Fasciculus of Rolando, cuneatus and gracilis
- 3 Lateral fibers Oliva or olivary bodies
- Anterolateral ground bundle or fasciculus proprius anterolateralis; anterolateral cerebellar tract or fasciculus anterolateralis superficialis.
- 4 Interolivary stratum, fillet or lemniscus
- 5 Fourth ventricle or metepiciele
- Metapore or foramen of Magendie Foramina of Luschka, Key and Retzius Obex Lingula Calamus scriptorius
- 6 Nucleus of glossopharyngeal system Solitary tract
- 7 Nuclei of vagus and accessory nervs
- 75 Ambiguous nucleus
- 78 Dorsal nucleus of vagus
- 9 Nucleus of hypoglossal system or hypoglossal nidus

.819

**Meninges and cerebral meninges**

- 1 Pia mater or pia
- 2 Telae choroideae, velum interpositum, choroid plexus
- 3 Arachnoid villi
- Glandulae Pacchioni, Luschka's villi or granulations
- 4 Cisterns, or subarachnoid cisterns
- 5 Dura mater, or dura Tentorium and falx cerebelli
- Falx cerebri

DECIMAL CLASSIFICATION

- 611.82 Spinal cord, or myel
- .821 **Enlargements or intumescencia; general structure**
- 2 Cervical cord or myel, pars cervicalis
  - 3 Thoracic or dorsal cord or myel, pars thoracalis
  - 4 Lumbar cord or myel, pars lumbaris
  - 5 Sacral cord
  - 6 Terminal cone, or conus (medullaris) Filum Cauda (equina)
  - 8 Grooves and fissures, sulci and fissurae
- .822 **Gray substance or matter, ontocinerea or cinerea Gray**
- cornua or colum**
- 1 Anterior or ventral colum or cornu or funiculus anterior
  - 2 Posterior or dorsal " " "
  - 3 Clarke's colum, nucleus dorsalis or Stilling's nuclei
  - 4 Gelatinosa or gelatinous matter, substantia cinerea gelatinosa Substantia spongiosa
  - 6 Reticula or formatio reticularis
- .823
- .824 **White substance, or alba**
- .825 **Anterolateral colum**
- Anterior plus lateral colums
- 2 **Pyramidal tract or bundle or fasciculus cerebrospinalis**
- Direct or uncrossed tract, fasciculus cerebrospinalis anterior, or fasciculus
  - Cross pyramidal tract, or cerebrospinalis lateralis
- 3 Direct cerebellar tract, or dorsolateral cerebellar tract
  - 4 Gower's tract, cerebellar path of anterior funiculus, or fasciculus anterolateralis superficialis ascendens or anterolateral ascending cerebellar tract
  - 5 Fasciculus sulcomarginalis, or marginal tract of Spitzka and Lissauer
  - 6 Lateral colum or anterolateral descending cerebellar tract or colum of Marchi and Lowenthal
  - 7 Anterolateral ground bundle or fasciculus proprius anterolateralis
  - 8 Anterior or ventral commissure
- .826 **Posterior or dorsal colums**
- 1 Ascending fibers
    - Tracts of Burdach (posterolateral or cuneatus) and of Goll (posteromedian or gracilis) and fasciculus of Rolando
  - 5 Descending fibers Comma tract in Burdach's colum
  - 8 Radicular fibers
  - 9 Posterior or dorsal commissure
- .827 **Roots of nervs**
- Works tracing nerv roots into spinal cord; for microscopic studies on nerv roots see 611.832
- 1 Anterior or ventral roots
  - 2 Posterior " dorsal "
- .828 **Spinal canal Ependyma or endyma**
- Rhomboidal sinus Reissner's fibers
- .829 **Spinal membranes, or meninges spinales**
- 1 Spinal pia mater
  - 3 " arachnoid
  - 5 " dura mater

611.83	Periferal nervous system	Nervs
.831	<b>Cranial nervs and ganglia</b>	
1	Olfactory, or 1st cranial	
2	Optic, or 2d cranial	
3	Motoroculi, 3d cranial or oculomoto	
4	Trochlear, pathetic, or 4th cranial	
5	Trifacial, trigeminus, or 5th cranial	
	Large or great superficial petrosal branch	
52	Ophthalmic nerv of Willis	
54	Superior maxillary nerv or maxillary nerv	
54*	Infraorbital branch	
56	Mandibular or inferior maxillary	
6	Abducent, external motoroculi, oculomoto, or 6th cranial	
7	Facial, 7th cranial nerv, or portio dura	
73	Other collateral branches	
74	Terminal branches	
75	Pars intermedia of Wrisberg (nervus intermedius)	Chorda tympani
8	Auditory, acoustic or 8th nerv	
81	Cochlear nerv or path, or central auditory path	
85	Vestibular path or nerv	
9	Glossopharyngeal or 9th nerv	
91	Pneumogastric, vagus or 10th nerv	
911	Parietal branches: auricular and lateral nervs	
914	Pharyngeal branches	
915	Superior cardiac nervs	
916	Superior laryngeal nerv	
917	Inferior or recurrent laryngeal nerv	
918	Pulmonary branches	
919	Esofageal and gastric branches	
92	Spinal accessory or 11th nerv	
93	Hypoglossal or 12th nerv	
.832	<b>Spinal nervs</b>	
	Including in 5-6 microscopic studies on nerv roots. See also 611.827	
1	Dorsal or posterior branches	
2	Ventral or anterior "	
5	Dorsal or posterior roots	See also 611.8272
6	Ventral or anterior "	See also 611.8271
.833	<b>Cervical nervs</b>	
1	Dorsal or posterior branches of cervical nervs	Small and large sub-occipital nervs
2	Ventral anterior branches of cervical nervs	
3	Cervical plexus	
32	Large auricular nerv	
33	Cutaneous nerv of neck	
34	Supraclavicular nervs	
36	Prenic or internal respiratory nerv of Bell	
4	Brachial plexus	
41	Supraclavicular part	
47	Infraclavicular part	
5	Median nerv	
6	Ulnar or cubital nerv	
7	Radial nerv	
	Musculo-spiral	
8	Musculocutaneous nerv	
9	Antibrachii ulnaris	
	Cutaneus brachii medialis, or nerv of Wrisberg	
.834	<b>Thoracic nervs</b>	
1	Posterior branches	
2	Anterior "	Intercostal nervs

DECIMAL CLASSIFICATION

611.835

**Lumbar and sacral nerves**

- 1 Posterior branches
- 2 Anterior "
- 3 Lumbosacral plexuses
- 4 Lumbar plexus
- 41 Great iliohypogastric nerve
- 42 Iliinguinal
- 43 Genitofemoral or genitocrural
- 44 Lateral or cutaneous nerve of thigh
- 5 Femoral nerve or anterior crural nerve (femoralis)
- 51 Middle cutaneous nerve
- 52 Internal " "
- 53 Muscular branches of posterior division of anterior crural nerve
- 54 Long or internal saphenous nerve
- 6 Obturator nerve
- 61 Accessory obturator, or accessory anterior crural nerve of Winslow
- 68 Lumbosacral cord
- 7 Sacral or sciatic plexus
- 71 Superior gluteal
- 72 Inferior " "
- 73 Small sciatic nerve (cutaneus femoris posterior)
- 8 Great sciatic nerve or ischiadicus
- 81 External popliteal, or peronaeus communis or peroneal
- 82 Sural or lateral cutaneous branch, or cutaneus surae lateralis
- 84 Musculocutaneous or superficial peroneal
- 86 Anterior tibial nerve or deep peroneal
- 87 Internal popliteal or tibial
- 88 Sural or plantar nerves
- 9 Genital, pudic or pudendal plexus
- 93 Collateral branches
- 95 Pudic nerve

.836

**Coccygeal plexus Coccygeal nerves**

.839

**Sympathetic system**

- 1 Cervical and cephalic part
- 11 Superior cervical ganglion
- 12 Internal carotid nerve and plexus
- Cavernous plexus
- 13 External carotid nerve and plexus
- 14 Common " plexus Superior cardiac nerve
- 15 Middle " ganglion Middle " "
- 16 Inferior cervical " "
- 17 " cardiac nerve Cardiac plexus
- 2 Thoracic part of gangliated cord
- 3 Abdominal and pelvic part of sympathetic system
- 31 Solar or epigastric plexus or plexus coeliacus

.84

**Eye Organ of vision**

See also 611.7146 Orbit, including capsule of Ténon

.841

**Fibrous coats or tunics of eye**

- 1 Conjunctiva
- 3 Cornea
- 5 Sclerotic coat or sclera
- Canal of Schlemm Spaces of Fontana

.842

**Vascular coats of eye Uveal tract**

- 1 Iris Pupil
- 3 Choroid
- Tapetum
- 5 Ciliary body, muscle and processes

.843

**Retina**

Optic disc; macula lutea For optic nerve see 611.8312

- 611.844 Refracting media**  
 1 Crystallin lens  
 2 Zonule of Zinn or zonula ciliaris  
 7 Vitreous humor Posterior chamber  
     Hyaloid membrane Hyaloid or Stilling's or Cloquet's canal  
     Canal of Petit  
 9 Aqueous humor Anterior chamber
- .846 Accessory organs of eye**  
 1 External muscles, musculi oculi  
 4 Tear apparatus  
 7 Lacrimal gland  
 8 " canals and puncta  
 9 " sac and nasal duct
- .847 Eyelids or palpebrae**  
 Canthi  
 5 Eyelashes or cilia  
 6 Eyebrows or supercilia
- .85 Ear Organ of hearing**  
 See also 611.8318 Auditory nerv
- .851 Internal ear**
- .852 Membranous labyrinth**  
 1 Cochlea, scala media, or ductus cochlearis  
 2 Organ of Corti, or Corti's fibers  
 4 Sacculle  
 5 Utricule  
 6 Semicircular canals
- .853 \*Osseous labyrinth**  
 Vestibule, semicircular canals, cochlea, modiolus or columella
- .854 Middle ear or tympanum**  
 Atrium or tympanic cavity proper  
 5 Attic  
 7 Mastoid cells
- .855 Membrana tympani, or drumhead**
- .856 Eustachian tube or tuba auditiva**
- .857 Bones of ear**  
 Malleus or hammer; incus or anvil; stapes or stirrup; muscles of  
 tympanum, stapedius and tensor tympani
- .858 External ear**  
 Meatus, pinna
- .86 Organs of smell; olfactory organs**
- .87 " " taste**
- .88 " " touch and senses in general**
- .889 Organa lateralia**
- .89 Ganglions**  
 Class ganglions here if separately treated
- .891 Cranial ganglions**  
 5 Semilunar ganglion or Gasserian  
 52 Ciliary "  
 54 Sphenopalatin or Meckel's ganglion  
 56 Otic or Arnold's submaxillary ganglion  
 7 Geniculate ganglion  
 81 Spiral or Corti's ganglion  
 85 Vestibular ganglion  
 9 Petrosal and superior glossopharyngeal ganglion  
 91 Jugular and nodose ganglions
- .892 Ganglions of spinal nervs**  
 See also 611.832 Spinal nervs
- .899 Sympathetic ganglions**  
 For chromaffin tissue see 611.4

DECIMAL CLASSIFICATION

- 611.9 Regional anatomy**
- .91 Hed
  - .92 Face
  - .93 Neck
  - .94 Thorax
  - .942 Front or pectoral
  - .946 Back or dorsal
  - .95 Abdomen
  - .951 Epigastric region
  - .955 Mesogastric "
  - .957 Hypogastric "
  - .959 Lumbar "
  - .96 Pelvic and perineal region
  - .962 True pelvis
  - .964 False "
    - 1 Inlet 2 Cavity 3 Outlet
  - .966 Position and size
  - .968 Difference between male and female pelvis
  - .97 Upper extremities
  - .971 Shoulder or axilla
  - .972 Arm
  - .973 Elbow
  - .974 Forearm
  - .975 Wrist
  - .976 Hand
  - .977 Fingers
  - .98 Lower extremities
  - .981 Hip Nates Sulcus inguinalis
    - 1 Hip
    - 2 Nates
    - 3 Sulcus inguinalis
    - 4 Inguinal canal
    - 5 Crural or femoral canal
  - .982 Thigh
  - .983 Knee Popliteal space
  - .984 Leg
  - .985 Ankle
  - .986 Foot
  - .987 Toes
  - .99 Tail

612 Physiology

SUMMARY

- 612.013 Vitalism
- .014 Cells and organisms
- 015 Physiologic chemistry
  - .1 Blood and circulatory system
  - .2 Respiration
  - .3 Digestion
  - 4 Glandular system
  - .5 Animal heat
  - .6 Reproduction Development
  - .7 Motor and vocal apparatus
  - .8 Nervous system
- .01 General theory of physiology
  - .0111 Notion, definition, nature
  - .0112 Classification, division
  - .0114 Terminology, notation, symbols
  - .0118 Methods
  - .012 Physiologic theories and generalities
- .013 On the nature of life and deth Vitalism
 

This place is provided for the physiologist who prefers to keep related topics with his subjects. Usually the beds under this number are better clast in their broader relations; i. e. see 577.2 for the nature of life; 577.7 for the nature of deth; 612.67 for deth as a stage in vital history

  - 1 Signs of real deth See 577.7
  - 2 Experiments on executed persons
  - 4 Theories of life and the soul Vitalism
    - See metaphysics, 128
  - 5 Comparisons of animals and plants See 577.5
  - 6 Organism and inanimate matter See 577.1
  - 7 Vital energy See 577.6
  - 8 Experiments on surviving organs See 577.6
- .014 General physiology of cells and organisms
  - See 576 and note under 612.013
  - 1 Chemistry of cells
    - 11 Aerobic and anaerobic cells
  - 2 Physiologic morfology of cells
    - 21 Functions of protoplasm
    - 22 " " nucleus
    - 24 " " chromosome bodies Chromatolysis
    - 26 " " centrosome
  - 3 Physiologic characteristics of cells
    - 31 Irritability in general
    - 32 Fatigue
  - 4 Influence of environment on cells and organisms
    - Mesology
      - 41 Effects of barometric pressure
        - See also 612.27 Influence of barometric pressure on living beings
      - 42 Action of electricty Electrophysiology
        - 421 Electrophysiologic technic
          - See also 615.84 Electrotherapy
        - 2 Static electricty
        - 4 Dynamic electricty
        - 5 Alternating currents
        - 7 Electric mesurements
        - 8 Special instruments
          - 1 Electrodes
          - 2 Telephone, microfone
          - 6 Galvanometers
    - 422 Electric resistance Conductibility

## DECIMAL CLASSIFICATION

612.014	423	Electric phenomena of organisms For electric phenomena of muscles see 612.743. of nervs and muscles see 612.813
	1	Theory of electric phenomena
	2	Negativ variation
	3	Electrotonus
	4	Electric phenomena of tissues in repose and in action
424		Action of electricity on organisms Everything concerning effect of electricity on function may be clast here by adding 0 and dividing like 612; e. g. action of electricity on red corpuscles 612.01442401111, as .1111 is the subdivision of 612 meaning red corpuscles. Action of electricity on bile 612.0144240357. as .357 means bile
	2	Action of static electricity
	3	"    "    atmosferic    "
	4	"    "    dynamic    "
	5	"    "    alternating currents
425		Deth by electric shock; by lightning
426		Magnctic action
427		Galvanotropism
428		Electrotherapy from physiologic point of view
43		Action of heat and cold See also 612.59
44		Action of ligh <sup>t</sup> See also 612.843
445		Posforescence
447		Heliotropism    Pototropism See also 615.831 Phototherapy
45		Action of sound and its vibrations See also 612.85876
46		Poisons and chemic substances Poisons and definit chemic substances ar preferably clast in 615.7, general toxicology in 615.9. This number is for topics of special physiologic interest
461		Effects of water
	1	Revisiscent animals
	2	Hydrations
	3	Quantity of water in organisms and tissues
462		Physicochemic forces
	1	Osmosis
	2	Molecular concentration in organic fluids    Cryoscopy Subdivisible with 0 like 612; e. g. Cryscopy of gastric juice 612.0146222032
	3	Relation between secretion and osmotic pressure
	4	Relation between osmosis and electric action: ions
	5	Colloid substances: coagulation, agglutination, etc. See also 612.398133 Theory of histologic conservation
	6	Reaction, acid or alkalin
	7	Viscosity
	8	Superficial tension
	9	Other physicochemic forces
463		Action of mineral salts on organisms
464		"    "    air, normal and abnormal; of oxygen and ozone
465		"    "    anesthetics
466		"    "    antiseptics
467		Chemotaxis    Chemotropism
469		Action of other chemic forces
47		Action of mechanical forces
477		Geotropism
478		Thigmotaxis
48		Other physical forces
481		Various rays
	1	Physiologic effect of X rays To express effect of X rays on a specific organ or tissue, ad 0 and subdivide like 612; e. g. effect of X rays on sight 612.0144811084
	4	Effect on lower organisms
482		Effect of radioactiv substances; Becquerel rays
483		Production and action of N rays



MEDICIN: PHYSIOLOGY

- 612.015**      **Physiologic chemistry in general**
- 1**            **Ferments**
  - 11**          **Oxydants      Reducing ferments**
  - 12**          **Hydrolytic**
  - 13**          **Proteolytic**
  - 14**          **Lipolytic**
  - 15**          **Amyolytic and sucroclastic**
  - 16**          **Glycolytic**
  - 161**         **Alcoholic**
  - 2**            **Normal composition of the body and its products**  
              See also 612.3926, 612.396-.398
  - 21**          **Extracts of organs**
  - 3**            **Metabolism**
  - 31**          **Of mineral substances**  
              See also 612.3926
  - 32**          **Of carbon**  
              See also 612.22
  - 33**          **Of nitrogen**  
              See also 612.46123
  - 34**          **Of substances foren to the normal organism**  
              Elimination of poisons  
              Most material will be clast under 615.7 and its subdivisions  
              See also special organs
  - 346**         **Metabolism of nonnitrogenous substances**
  - 347**         "            "      **crystallizable nitrogenous substances**
  - 348**         "            "      **albuminoids**
  - 349**         "            **after deth      Autolysis**  
              Subdivisible with o like 612: e. g. autolysis of the liver  
              612.015349035
  - 35**          **Influence of temperature on metabolism**  
              See also 612.59
  - 36**          **Reductions, hydrations and syntheses in organisms**
  - 37**          **Influence of other agents on metabolism**
  - 38**          **Influence of nervous system on metabolism**
  - 39**          **Metabolism in disease**
  - 4**            **Staining substances and pigments**
  - .016**         **Means of attack and defense**  
              Comparativ physiology; usually better clast in 591.57
  - 1**            **Artotomy**
  - 2**            **Mimicry**
  - 3**            **Physiology of parasites**
  - .019**         **Comparativ physiology**  
              May be subdivided like 590 to signify kind of animal; e. g. Reptils  
              being 598.1, comparison of reptil and human physiology is 612.01981  
              Class here only books written distinctly from physiologist's point  
              of view.      Other works on comparativ zoology are better in 591.1
  - Form divisions**
  - .02**         **Compendis**
  - .03**         **Dictionaries      Cyclopedias**
  - .04**         **Essays      Addresses**
  - .05**         **Periodicals**
  - .06**         **Societies      Clubs**
  - .07**         **Study and teaching**
  - .077**        **Vivisection**  
              See also ethics, 179.4, and laws, 614.22
  - .08**         **Polygrafy**
  - .09**         **History**

DECIMAL CLASSIFICATION

- 612.I Blood and circulatory system**
- .109 History of circulation of blood**
  - .11 General properties of blood**
  - .111 Red corpuscles**
    - 1 Chemic composition**
      - 11 Hemoglobin and oxyhemoglobin**
      - 14 Carboxyhemoglobin**
        - Action of CO on blood, carbon monoxid hemoglobin
      - 15 Spectroscopy of blood**
      - 16 Methemoglobin and derivates**
        - Hematin or hematoxylin, hematoidin, globin, hemin or Teichmann's crystals, hematochromogen, hematoporphyrin
      - 17 Isotony of corpuscles Osmotic permeability**
      - 19 Chemic substances in corpuscles**
        - Lecithin, urea, cholesterin, etc.
    - 2 Number of corpuscles**
      - Technic of counting
      - 22 Volume of corpuscles**
    - 3 Formation of corpuscles**
      - See also 612.119 Sanguification
    - 4 Action of poisons on corpuscles**
      - See also 612.11114 Action of CO on blood
      - 44 Agglutinating substances**
      - 45 Hemolytic substances**
    - 6 Corpuscles in disease**
    - 7 Other red corpuscles than erythrocytes**
    - 8 Coloring matters of invertebrate blood**
      - e. g. hemocyanin
    - 9 Other similar coloring matters**
      - e. g. chlorophyl and derivates: phylloerytrin
  - .112 Leucocytes and ameboid cells**
    - 1 Chemistry of leucocytes**
      - 11 Ferments of leucocytes**
        - Influence of leucocytes (lymphocytes) on digestion
    - 2 Movements and irritability of leucocytes**
      - 3 Phagocytosis**
      - 4 Diapedesis**
    - 5 Effect on coagulation of blood**
    - 6 In disease and intoxications Leucocytosis**
      - For digestiv leucocytosis see 612.11211
    - 7 Counting and its technic**
    - 8 Numeric relations of white and red corpuscles**
    - 9 Varieties Physiologic morfology**
  - .113 Arterial blood**
  - .114 Venous "**
  - .115 Coagulation of blood**
    - 1 Fibrin Fibrinoplastin**
      - Composition and chemic properties
      - 12 Fibrigenous and fibrinoplastic ferments Fibrinogen Thrombin**
      - 13 Estimating quantity of fibrin**
    - 3 Substances modifying coagulation**
      - 31 Retarding agents**
      - 35 Accelerating agents**

MEDICIN: PHYSIOLOGY

- 612.116**      **Total quantity of blood**
- 2**      **Hemorrhage      Anemia**  
            Subdivisible with e like 612; e. g. physiologic influence of anemia on kidneys 612.1162046      For pathologic effect see 616.243, 618.54
- 21**      **Hemostasia**
- 3**      **Transfusion**  
            Effect on system receiving transfused blood
- .118**      **Physical and biologic properties of blood**
- 1**      **Physical**
- 11**      **Osmotic pressure**  
            See also 612.11117 Osmotic permeability
- 12**      **Effect of various injections**
- 14**      **Viscosity**
- 17**      **Cryoscopy of blood**  
            Method of studying isotony and similar phenomena by relative freezing points of solutions
- 2**      **Biologic properties**
- 21**      **Toxins and antitoxins**  
            Physiologic effect      For chemic action see 612.3988      May be used for those not produced by the blood, e. g. cytotoxins
- 211**      **Theory of toxic and antitoxic action**
- 22**      **Toxic and antitoxic action of blood**  
            Limited to blood toxins and antitoxins.      See also 612.3988
- 221**      **Specific reaction of blood and albuminoids**  
            Blood in legal medicin
- 222**      **Natural immunity**
- 223**      **Effect of blood on bacteria**  
            Class here physiologic aspect of opsonic theory, opsonins and opsonic index      See also 615.37 Serotherapy
- 24**      **Various toxic and antitoxic substances of blood**
- 7**      **Varieties of blood in different parts of body**
- .119**      **Hematopoiesis or sanguification**  
            See also 612.1113      Formation of red corpuscles
- .12**      **Chemic properties of blood**
- .121**      **Reaction and density**  
            Color reaction      Specific gravity
- .122**      **Carbohydrates in blood**  
            1 Glucose      2 Glycogen      3 Glycolytic ferments
- .123**      **Fats, lipoids, cholesterin, saponin, glycerin**
- .124**      **Albumins and albuminoids      Uncrystallizable nitrogen compounds**  
            See also 612.39812      Blood serum
- .125**      **Crystallizable nitrogen compounds**  
            1      Staining substances of serum
- .126**      **Mineral salts**
- .127**      **Blood gases**  
            1      Technic for determining quantity      2 Oxygen      3 Carbonic acid
- .128**      **Ferments**
- .129**      **Other chemic substances**  
            Abnormal substances

DECIMAL CLASSIFICATION

- 612.13 Hydraulic principles of circulation
- .133 **Arterial circulation**  
 Sounds and murmurs  
 See also 612.143
- .134 **Venous circulation**  
 See also 612.144
- 1 Air in the veins
- 2 Venous pulse Flebogram
- .135 **Capillary circulation**
- .14 **Blood pressure**
- .141 **Technic of mesuring pressure**  
 Sphygmograf Sphygmomanometry
- .143 **Pressure in arteries**  
 See also 612.133
- .144 **Pressure in veins**  
 See also 612.134
- .145 **Pressure in capillaries**  
 See also 612.135
- .146 **Influence of various agents on pressure**
- 1 Influence of respiration Asphyxia  
 See also 612.213
- 2 Effect of drugs and organic extracts
- 3 Pressure in disease
- .148 **Pressure in lesser or pulmonary circulation**
- .15 **Rapidity of circulation**  
 In arteries, veins or capillaries Technic of mesuring
- .16 **Pulse**  
 For dicrotic pulse see 616.071 Pulse in diagnosis  
 See also 612.134, Venous pulse
- .166 **Pulse in disease**
- .17 **Hart**
- .171 **Mechanism of cardiac contraction**  
 Impulse or apex beat Change of volume and position of beating  
 hart Systole Diastole
- 1 Technic of cardiac contraction Cardiografy
- 3 Valvs System of valv closure
- 5 Hart sounds
- 56 " " in disease
- 7 Action of abnormal hart: misplaced or malformd
- .172 **Hart as a muscle**  
 Cardiac irritability, contractibility and physiologic morfology
- 1 Action of blood and coronary arteries Cardiac anemia
- 2 Rhythm Excitation wave Frequency of beats
- 3 Electric stimulation of hart and refractory period
- 4 Electromotiv force
- 5 Surviving hart Artificial respiration  
 Solutions maintaining beat of hart
- 6 Physiologic morfology
- 61 Conduction of stimulation

MEDICIN: PHYSIOLOGY

- 612.173      **Work of the hart**  
                  Chemic, dynamic and thermic phenomena  
                  1      Chemic composition of hart  
                  2      Intracardiac pressure
- .174      **Effect of toxins on the hart**  
                  1      Atropin  
                  2      Anesthetics
- .176      **Hart in disease**
- .178      **Innervation of hart**  
                  1      Pneumogastric or vagus  
                            See also 612.819911  
                  2      Sympathetic  
                            See also 612.897  
                  3      Ganglions of hart  
                  4      Action of cerebrum  
                            See also 612.8228  
                  5      Action of medulla oblongata  
                            See also 612.828  
                  6      Cardiac syncopes and reflexes  
                  7      Depressor nerv
- .179      **Prenatal circulation**
- .18      **Vasomotors**
- .181      **Action of nervs and nerv centers on bloodvessels**  
                  1      Action of cerebrum  
                  2      "      "      medulla oblongata  
                  3      "      "      spinal cord  
                  4      "      "      great sympathetic
- .182      **Influence of vasomotors on arterial pressure**
- .183      **Vasoconstrictors**
- .184      **Vasodilators**
- .185      **Effect of poisons on vasomotors**
- .186      **Vasomotors in disease**
- .187      **Vasomotors in organs**  
                  Divide like 612 Physiology; e. g.  
                  612.18724      Effect of vasomotors on lung capacity  
                  612.1878421      Effect of vasomotors on iris  
                  612.1875      Influence of vasomotors on temperature  
                  612.187556      Vasomotors in fever
- .188      **Erectil tissues**  
                  See also 612.612
- .189      **Change of volume of organs**  
                  Plethysmografy      Quantity of blood in various organs
- .19      **Action of special organs on circulation**
- .2      **Respiration**  
                  See also 612.793 Cutaneous respiration
- .21      **Respiratory movements      Mechanics of respira  
                  tion**
- .211      **Pneumografy      Respiratory types**  
                  Respiratory excursion
- .212      **Pulmonary elasticity and intrapleural pressure**  
                  Intrapulmonary and intrathoracic respirations

DECIMAL CLASSIFICATION

- 612.213 **Influence of respiration on circulation**  
  - See also 612.1461
- .215 **Special physiology of respiratory apparatus**
  - 1 Bronchi
  - 2 Trachea
  - 3 Smooth pulmonary muscles
  - 4 Primary paths of respiration: nose and pharynx
  - 5 Pleura
  - 8 Pulmonary circulation  
    - See also 612.148
  - 9 Pulmonary absorption of liquids  
    - See also 612.385
- .216 **Respiratory frequency and rhythm**
  - 1 Respiratory sounds
  - 2 Pulmonary ventilation
  - 3 Artificial respiration, artificial changes of respiration
- .217 **Action of muscles      Mechanical phenomena**  
  - Dimensions and expansibility of thorax
  - 1 Action of diafram
- .219 **Other mechanical phenomena**  
  - Modified respiratory acts: snoring, laughing, crying, sighing, yawning, coughing, hawking, sneezing, blowing nose, gargling
- .22 **Respiratory exchange of gases      Respiratory chemistry**  
  - o2 Action of oxygen and ozone on organisms
  - o8 Composition of normal air (only in its physiologic bearing)
- .221 **Technic of gaseous exchange**
- .222 **Effect of various agents on gaseous exchange**
- .223 **Effect of quality of air**  
  - Hyperpnea, polypnea, thermopnea
  - 1 Composition of abnormal air
    - 11 Carbonic acid
    - 12 Activ oxygen or ozone
  - 2 Influence of barometric pressure  
    - See 612.27
  - 3 Influence of climate
- .224 **Influence of food**
- .225 **“      “      temperature**
- .226 **Effect of disease and intoxications**
- .227 **Influence of organs**
  - 1 Influence of muscular movements  
    - Motion, rest, work
  - 2 Influence of nervous system
  - 3 “      “      circulation
- .229 **Influence of animal kind**  
  - Variability of gaseous exchange in animal kinds
  - 1 Influence of stature
  - 2 Aquatic animals

MEDICIN: PHYSIOLOGY

- 612.23 Gaseous exchange in the blood  
 .231 Expired air      Respiratory quotient  
 .232 Asphyxiation  
     In legal medicin  
     1 Artificial respiration in asphyxiation  
     2 Asphyxiation by submersion  
     3 Hart in asphyxiation  
     4 Toxic action of carbonic acid (CO<sub>2</sub>)  
 .233 Respiration in confined air  
 .234 Toxic action of carbonous oxid (CO)  
     See also 612.11114 and 615.96  
 .235 Exchange of gases between air and blood  
     Theory  
 .24 Lung capacity      Vital capacity  
     Residual, reserv, respiratory or tidal and complemental air  
 .25 Exhalation of water from lungs  
 .26 Internal or tissue respiration  
 .261 Exchange of gases between tissues and blood  
 .262 Accumulation of oxygen in tissues (cells)  
 .27 Influence of barometric pressure on living beings  
     See also 612.01441. For effect on absorption of oxygen and exhalation  
     of carbonic acid see 612.2232  
 .273 Toxic effects of oxygen and ozone  
 .274 Effect of more than normal pressure  
     Physiologic aspect of caisson disease  
 .275 Effect of less than normal pressure  
     1 Physiologic and therapeutic effects of high altitudes  
     11 Mountain and aeronautic sickness  
 .276 Effect of pressure on fermentations  
     Effect of removing pressure  
 .279 Maximum pressures  
     Effect on aquatic animals  
 .28 Respiratory centers  
     Influence of nervous system on respiration  
 .281 Action of cerebrum and of will  
 .282 " " medulla oblongata and vagus nucleus  
 .283 " " spinal cord  
 .284 " " chemic substances and abnormal blood gases  
     1 Toxicology of center  
     2 Apnea, acapnea, dyspnea  
     See also 612.232  
 .287 Action of pneumogastric or vagus nervs  
     See also 612.819912  
 .288 Respiratory reflexes  
     See also 612.8332  
 .29 Influence of other organs on respiration

DECIMAL CLASSIFICATION

**612.3 Digestion**

May be subdivided by 01-09 for form, if needed

- .31 Mouth Teeth Salivary glands
- .311 **Mastication and prehension**
  - I Physiology of teeth
- .312 **Deglutition or swallowing**
  - 2 Tonsils 3 Tong
- .313 **Salivary glands Saliva**
  - I Composition of normal saliva
  - 2 Action of saliva on food Ptyalin
  - 3 Salivary secretion
    - 31 Toxic effect of saliva
  - 4 Action of chemic substances
    - See also Therapeutics, 615.741 Sialagog
  - 41 Elimination
  - 42 Action of atropin and of pilocarpin
  - 5 Physiologic morphology
  - 6 Pathologic changes of saliva
    - 61 Salivary fistulas
    - 63 Bacteriology
    - 64 Salivary calculi
    - 69 Abnormal substances
  - 8 Action of nervous system on salivary secretion
    - 82 Action of sympathetic nervs
      - See also 612.898
    - 87 Action of chorda tympani
      - See also 612.81977
- .314 **Salivary venoms and venoms in general**
  - 1 Chemic composition
  - 2 Toxic action
  - 3 Natural immunity and resistance to venoms
  - 4 Attenuation and neutralization of venoms
  - 5 Treatment of venom poisoning Serotherapy
    - See 615.94 Duplicated here for physiologist only
  - 51 Antitoxins
    - See also 612.11822 Antitoxins of serum
- .315 **Esofagus**
- .32 Stomach Gastric juice Vomiting
- .321 **Normal composition of gastric juice**
  - 1 Gastric fistulas, experimental and pathologic
  - 2 Determination of acid in gastric juice
  - 5 Proteolytic ferments: pepsin
  - 6 Milk curdling ferments, inorganic and organic
- .322 **Digestiv power of gastric juice**
  - 1 Starch and analogs
  - 2 Sugars " "
  - 3 Fats " "
  - 4 Albuminoids
    - 45 Nature and properties of peptones
      - See also 612.39817
  - 5 Antiputrefactiv properties of gastric juice
  - 6 Mixture of bile or other secretions of digestiv tract and gastric juice



MEDICIN: PHYSIOLOGY

- 612.3227 Absorption in stomach and transformation (into mucus) of products of digestion  
 See also 612.386
- |    |   |
|----|---|
| 72 | Absorption and transformation of sugars   |
| 73 | " " " " fats                              |
| 74 | " " " " nitrogenous substances (peptones) |
| 75 | " " " " salts Effect on stomach           |
- .323 Stomach secretion**
- |    |                                      |
|----|--------------------------------------|
| 2  | Formation and destruction of pepsin  |
| 21 | Pepsin in urin                       |
| 3  | Formation of hydrochloric acid (HCl) |
| 4  | Autodigestion of stomach             |
| 5  | Effects of removing stomach          |
- .324 Action of chemic substances (poisons) on gastric secretion and their elimination**
- .325 Physiologic morfology of stomach**  
 Relation between morfologic changes and stimulation
- .326 Pathologic changes of stomach secretion**
- |   |                                      |
|---|--------------------------------------|
| 3 | Bacteriology                         |
| 5 | Gastric juice in disease             |
| 9 | Abnormal substances in gastric juice |
- .327 Movements of stomach**
- |   |   |
|---|---|
| 1 | Muscular irritability of stomach  |
| 2 | Motor action of pneumogastric See also 612.819913                               |
| 3 | Evacuation of stomach   |
| 5 | Merycism and rumination   |
| 7 | Vomiting  |
| 8 | Action of emetics or vomitories<br>See also under therapeutics, 615.731 Emetics |
- .328 Action of nervous system on stomach**
- |   |   |
|---|---|
| 1 | Psychic influence on stomach secretions |
| 8 | Sensibility of stomach                  |
- .33 Intestin**  
 Middle intestin and glands of middle intestin in invertebrates
- .331 Normal composition of intestinal juice**
- |   |  |
|---|--|
| 1 | Intestinal fistulas, experimental and pathologic   |
| 7 | Intestinal gases Fermentiv process due to bacteria |
- .332 Intestinal digestion**
- |     |  |
|-----|--|
| 2   | Carbohydrates  |
| 3   | Fats   |
| 4   | Albuminoids and derivates Erepsin  |
| 7   | Absorption and changes of food in intestin<br>See also 612.386                   |
| 72  | Carbohydrates  |
| 73  | Fats Chyliferous vessels See also 612.426  |
| 74  | Albuminoid derivates   |
| 75  | Other substances   |
| 751 | Inorganic substances Water and salts   |
| 8   | Action of intestinal juice on other secretions and ferments<br>See also 612.3226 |
| 84  | Enterokinasis and secretin   |

DECIMAL CLASSIFICATION

- 612.333 **Intestinal secretion**
- .334 **Action of chemic substances on the intestin and their elimination**
- 4 **Purgativs**  
See also therapeutics, 615.732 Cathartics
- .335 **Physiologic morfology of intestin**
- 5 **Intestinal circulation**
- .336 **Pathologic changes of intestinal secretion**
- 3 **Parasites and microbes**  
Bacterial fermentation      Physiologic effect of microbes
- .337 **Movements of intestin**
- I **Movement of chyme in intestin**
- .338 **Action of nervous system on intestin**
- I **Action of nervs and nerv centers on secretion**
- .339 **Peritoneum      Omentum**
- I **Absorption in peritoneum**  
See also 612.387
- .34 **Pancreas      Pancreatic juice**
- .341 **Normal composition of pancreatic juice**
- I **Pancreatic fistulas**
- .342 **Action of pancreatic juice on food      Tryptic digestion**
- I **Starches and analogs**
- 2 **Sugars**
- 3 **Fats      Steapsin or ptyalin**
- 4 **Albuminoids      Trypsinogen      Trypsin**
- 5 **Effect on other digestiv fenomena**  
On bile and gastric juice  
 See also 612.3226
- .343 **Pancreatic secretion**
- .344 **Action of special substances on pancreatic secretion and juice**
- .345 **Physiologic morfology**  
Relation between morfologic changes and stimulation
- .346 **Pathologic changes of pancreatic juice**
- .348 **Action of nervous system on pancreas**
- .349 **Pancreas as an internal gland      Ilands of Langerhans**
- I **Pancreatic glycosuria**  
Physiologic fenomena only. See also 612.35216, 612.46621, and diseases 616.61, where most material belongs
- .35 **Liver**
- .351 **Hepatic circulation and chemic composition**
- I **Chemic composition**
- II **Ferments**
- 5 **Hepatic circulation**
- 51 **Ligature of portal vein**
- 6 **Effect of extracts from hepatic tissue**
- 61 **Hepatic opotherapy**

MEDICIN: PHYSIOLOGY

- 612.352**      **Effect of liver on absorbed foods**
- I**            **Glycogenesis**      **Glycogen of liver and its tissues**  
                     See also 612.396112 Chemistry of glycogen
- 11            **Determination of amount of sugar and glycogen: technic**
- 12            **Sugar of the blood**      See also 612.122
- 13            **Action of nerves on glycogenic function**      **Experimental diabetes**
- 14            **Fermentation of glycogen**      **Glycogenolysis**
- 16            **Glycosuria (diabetes) in general**  
                     See also 612.3491, 612.46621 and pathology 616.63
- 17            **Glycogen of other organs**
- 18            **Glycogen of muscles**      See also 612.74411
- 19            **Relations between glycogenesis and alimentation**
- 2**            **Fat**      **Adipogenic function**
- .353**            **Hepatic chemic phenomena**
- I**            **Formation of urea**      See also 612.4612
- .354**            **Action of poisons on liver**
- I**            **Toxic steatoses**
- 2**            **Antitoxic action of liver**
- .355**            **Temperature of liver**      See also 612.563
- .356**            **Hematopoietic function of liver and effect on blood**  
                     See also 612.119
- .357**            **Bile**
- I**            **Normal composition of bile**
- 11            **Biliary fistulas**
- 13            **Coloring matter**      **Bile pigments**  
                     Bilirubin, biliverdin      For origin see 33 below
- 14            **Mineral salts**
- 15            **Biliary acids and their salts**  
                     Glycocholic and taurocholic acids
- 2**            **Action of bile in the intestine**  
                     Final fate of bile
- 3**            **Bile secretion**
- 31            **Quantity**
- 32            **Origin of bile acids**
- 33            " " " pigments
- 4**            **Action of chemic substances on bile secretion**  
                     See also therapeutics, 615.742 Cholagoges
- 5**            **Elimination of poisons by bile**
- 6**            **Pathologic physiology of bile**  
                     For general works and medical aspect see 616.36
- 64            **Biliary calculi**
- 65            **Obliteration of bile ducts**      **Icterus**      **Jaundis**      **Cholemia**  
                     See also pathology, 616.36 Liver and bile ducts
- 66            **Bile in disease**
- 67            **Toxic effects of bile**
- 69            **Abnormal biliary substances**
- 7**            **Biliary excretion**      **Physiology of ducts**
- 71            **Gall bladder**
- 72            **Absorption in biliary ducts**
- 73            **Contractility of ducts**
- 8**            **Innervation of bile ducts**
- .358**            **Action of nervous system on liver**
- .359**            **Ablation, regeneration, cicatrization and other mor-  
                     fologic phenomena**
- I**            **Volume of liver**
- 2**            **Fatty or starchy degeneration**

DECIMAL CLASSIFICATION

- 612.36 Defecation Large intestine  
Proctodeum and its appendages in invertebrates
- .361 Chemic composition of excrements
- .363 Cecal digestion Vermiform appendix
- .364 Absorption in large intestine
- .365 Defecation
- .366 Rectum
- .367 Movements of large intestine
- .368 Innervation " " "
- .38 Absorption
- .381 Imbibition Transudations and exudations Edema
- .382 Osmosis See also 612.0144621
- 1 Dialysis of mineral salts
- 2 " " sugars
- 4 " " albuminoids
- .383 Diffusion
- .384 Absorption by skin  
See also 612.79
- .385 Absorption by lungs  
See also 612.2159
- .386 Absorption in digestiv tract  
General: see also specific part of tract
- .387 Absorption by mucous and serous membranes  
See also 612.3391
- .388 Parenchymatous absorption  
Absorption by cellular tissue (after injection)
- .39 Nutrition Metabolism
- .391 Hunger Thirst Inanition
- 3 Hunger, thirst and nervous centers Mechanical  
action of hunger
- 4 Inanition in man
- 6 " " disease
- 9 " " animals
- 92 Inanition in poikilothermic animals
- 96 " " homoiothermic "
- .392 Foods
- 1 Assimilation of carbon
- 2 " " nitrogen  
See also 612.46123
- 3 Assimilation of water
- 4 " of sulfur, fosforus and iron  
3 Sulfur 4 Fosforus 5 Iron
- 5 Thermodynamic value of food
- 6 Mineral foods  
1 Sodium salts 2 Potassium salts 3 Calcium salts
- 7 Vegetable foods
- 71 Vegetarianism See also hygiene, 613.26 Vegetable diet
- 72 Fruits and fresh vegetables
- 73 Cereals
- 74 Bred

MEDICIN: PHYSIOLOGY

- 612.3928      **Animal food**  
                   See also hygiene, 613.28 Meats in diet  
                   81      Meats  
                   82      Soup      Meat extracts  
                   83      Eggs  
                   84      Milk  
                             See also 612.664  
                   841      Sterilization and artificial changes in milk  
                   85      Cheese  
                   86      Butter  
                   9      **Special artificial foods**
- .393      Condiments and stimulants**  
                   1      Alcohol as food      Fermented drinks  
                             See also hygiene of nervous system, 613.81 Alcohol  
                   2      Coffee      Tea  
                             See also hygiene of beverages, 613.37  
                   9      **Condiments**
- .394      Ration or food requirement during growth**  
                   2      Of man      Nourishment of newborn  
                   3      "      animals
- .395      Ration or food requirement of adults**  
                   1      Working ration      Normal ration  
                   12      Working ration for man  
                   13      "      "      animals  
                   2      **Subsistence ration**  
                   22      Subsistence ration for man  
                   23      "      "      animals  
                   5      **Relations of ration to external conditions,**  
                             e. g. climate  
                   6      **Food requirements in disease**
- .396      Carbohydrates**  
                   1      **Chemic composition**  
                   11      Polysaccharids  
                   111      Starch      Inulin  
                   112      Glycogen  
                   113      Cellulose  
                   12      Gums and analogs: dextrin  
                   13      Monosaccharids: glucose, mannose, galactose, fructose, etc.  
                   14      Disaccharids: sugar, lactose, maltose, etc.  
                   17      Combined carbohydrates  
                             See 612.398:453 Glycoproteids  
                   172      Chitin  
                   175      Glycosids: amygdalin, salicin, phlorizin, saponin, etc.  
                   19      Other carbohydrates: pentose, inositol  
                   2      **Changes of sugars in organism**      **Glycolysis**  
                   21      Products of carbohydrates; e. g. glycuronic acid  
                   22      Alcohol in tissues  
                   3      **Hydrolytic ferments of carbohydrates and analogs**  
                   31      Amylasis, inulasis, cytasis, etc.  
                   32      Saccharoclastic ferments      Inversion  
                   4      **Formation of carbohydrates in organism**  
                   5      **Thermodynamic value of carbohydrates**  
                   7      **Quantity of carbohydrates in foods and tissues**

DECIMAL CLASSIFICATION

612.397

Fats

- 1 Chemic composition
- 2 Changes of fats in organism
- 21 Fatty degeneration and infiltration See also 612.3952
- 22 Products of fats
- 23 Acids
- 24 Glycerins
- 3 Lipolytic ferments
- 4 Formation of fats
- 5 Thermodynamic value
- 7 Quantity of fat in food and tissues Adiposity
- 8 Lipoids
- 81 Cholesterin
- 82 Lecithin

.398

Albuminoids and nitrogenous substances

- 1 Chemic composition
- 11 Composit albuminoids
  - For eg albumin see also 612.39283
- 12 Blood serum and other serous fluids of body
  - See also chemical properties of blood, 612.124 Albuminoids
- 13 Simple albuminoids
- 131 Albumin
- 132 Globulins: fibrinogenic and fibrinoplastic substances, myosin, etc.
- 133 Coagulated albuminoids Fibrin Coagulation of albuminoids
- 135 Albuminoids as acids or bases
- 136 Nucleoalbumins, simple phosphorated albuminoids
- 138 Protamins
- 139 Other albumins
- 14 Other albuminoids
- 145 Proteids
  - Albumin + a complex organic compound
- 1 Nucleoproteids
  - Albumin + nucleic acid, products of nucleic acid and specific ferments
- 2 Hemoglobin and analogs
  - Albumin + an iron compound. See also 612.11111
- 3 Glycoproteids
  - Albumin + a carbohydrate. See also 612.3967
- 146 Albuminoids: glutin, elastin, amyloid, etc.
- 15 Vegetable albuminoids
- 16 Albuminoid products and nitrogen compounds
- 17 Albuminoses and peptones
- 172 Thermodynamic value
- 175 Changes of substances derived from albuminoids by digestion
- 19 Products of complete change of albuminoids Nitrogen compounds
- 191 Protaminic nucleus See also 612.398138
- 192 Amidic acids
- 193 Urea Uric acid See also 612.4612, 612.46125, 612.398195
- 194 Ammonia and ammonia compounds
- 195 Bases (alkaloids), purin compounds
- 196 Aromatic compounds
- 197 Nonnitrogenous products of albuminoids
- 199 Other products
- 2 Changes of albuminoids in organism
- 3 Proteolytic ferments
  - Only general works See specific nitrogen compounds for their derivates, ferments and properties For milk curdling ferments see 612.3216 and 612.664171
- 5 Thermodynamic value of albumins and derivates
- Albumin as food

MEDICIN: PHYSIOLOGY

- 612.3986      Formation of albuminoids in general  
           7      Quantity of albuminoids in food and tissues  
           8      Toxins, antitoxins      Chemistry of poisons  
                     For action, see 612.11821; for animal poisons, see 612.314; for  
                     ptomains, leucomains, etc. see 612.398195 above
- .4      Glandular system      Secretion      Excretion**
- .401      Effect of circulation on glands**  
**.402      "      "      glands      "      circulation and blood**  
**.403      "      "      "      "      nutrition**  
**.404      "      "      nutrition      "      glands**  
**.405      Physics and chemistry of secretion**  
**.407      Effect of glands on nervous system**  
**.408      "      "      nervous system on glands**  
                     See also 612.817
- .409      Physiologic morphology of secretions and glandular epitheliums**
- .41      Spleen**
- .411      Hematopoietic action      Effect of spleen on blood**
- .412      Splenotomy      Circulation in spleen**
- .413      Contractility of spleen**
- .414      Spleen in relation to other organs**
- .416      Effect on digestion**  
**.416      Function of spleen in disease, in experimental infections  
 and in wounds**
- .418      Chemic phenomena**
- .42      Lymfatic system and lymf**  
                     For lymfocytes see 612.112
- .421      Lymf      Chemic composition**
- .422      Quantity and origin of lymf**
- .423      Lymfatic circulation**  
                     Thoracic duct  
                     Lymfatic harts
- .424      Innervation of lymfatic system**
- .425      Lymfatic absorption**  
                     See also 612.33273
- .427      Lymfatic fistulas**
- .428      Lymf glands**
- .43      Thymus**
- .44      Thyroid gland**
- .441      Chemic composition**
- .442      Parathyroid glands or accessory thyroids**
- .445      Thyroidectomy      Destruction of thyroid**  
                     Including pathologic destruction
- .448      Effects of thyroid extracts**
- .45      Suprarenal capsules**
- .451      Chemic composition**
- .455      Excision and destruction**
- .458      Effect of capsular extract**

DECIMAL CLASSIFICATION

612.46  
-461

Kidneys Urin

Chemic composition of urin

- 1 Reaction and physical properties
- 11 Reaction
- 12 Density
- 13 Temperature
- 17 Urinary technology
- 174 Staining reactions
- 175 Spectroscopic examinations
- 176 Polarimetric "
- 177 Histochemic "
- 178 Pathologic urinary technology
- 179 Densimetry and cryoscopy of urin

Urea and nitrogen compounds

- 21 Determination of quantity of urea Ureameters
- 22 Determination of total nitrogen
- 23 Excretion and metabolism of nitrogen
- 231 In relation to alimentation
- 232 " " " work
- 234 Effect of chemic substances (poisons)
- 235 Influence of temperature
- 236 " " disease
- 238 " " nervous system
- 239 " " animal kind
- Variability of process in animal kingdom
- 25 Uric acid See also 612.398193
- 251 Determination of quantity
- 254 In animals
- 255 " normal man
- 256 " man in disease: uric diathesis
- 259 " other tissues and fluids than urin
- 26 Other nitrogen products of urin
- 261 Bases Xanthin bases See also 612.398195
- 262 Ptomains
- 263 Allantoin
- 264 Peptones See also 612.46668, 612.39817
- 266 Hippuric acid
- 267 Ammonium and other urates See also 612.398194
- 268 Ferments See also 612.32321
- 269 Physiologic albuminuria
- 27 Coloring matter Pigments: urobilin, urochrome

Salin substances in urin

- 61 Chlorin salts
- 62 Fosforus and its compounds
- 63 Sulfur and its compounds
- 64 Gases of urin

Nonnitrogenous organic constituents of normal urin

- 82 Sugars Physiologic glycosuria

-462 Urinary toxicity

- 1 Internal secretion of kidneys

-463 Urinary secretion

- 1 Quantity of urin
- 2 Elimination of urin
- 4 Renal circulation
- 5 Influence of blood and circulation
- 6 Comparativ secretion of the two kidneys
- 8 Effect of nervous system
- 81 Glycosuria, polyuria after lesion of medulla oblongata



MEDICIN: PHYSIOLOGY

- 612.464**      **Action of poisons on urinary secretion and their elimination**
- 1      **Diuretics      Polyuria**  
          See also 615.761 Diuretics in therapeutics
- 2      **Toxic albuminurias**  
          See also 612.46622
- 3      **Elimination of poisons by urin**
- 4      **Toxic glycosuria      Phlorizin**  
          See also 612.46621
- .465**      **Physiologic morfology of kidneys**
- .466**      **Pathologic physiology of kidneys and urin**
- 1      **Urinary calculi**
- 2      **Urin in disease**
- 21      **Urin in diabetes      Chemistry of glycosuria      For physiology of diabetes see 612.35216**
- 22      **Urin in albuminuria      Albuminuria in general**  
          See also 612.461269, 612.4642 and 616.634
- 23      **Resection and lesion of kidneys, experimental and pathologic**  
          **Ligature of ureter, etc.**
- 231      **Uremia      See also 616.638**
- 26      **Urin in fever**
- 6      **Abnormal substances in urin**
- 61      **Acetonuria      Acidosis**
- 62      **Chyluria**
- 63      **Other abnormal products of metabolism**
- 631      **Glycuronic acid      See also 612.39621**
- 64      **Products of intestinal putrefaction      Indican**
- 67      **Biliary pigments      Choluria**
- 68      **Albuminoses and peptones**
- 69      **Hematuria and hemoglobinuria**
- 7      **Urinary fermentation      Putrefaction of urin**
- .467**      **Urinary discharge**
- 1      **Physiology of bladder, ureters and urethra**
- 11      **Micturition**
- 2      **Absorption in urinary passages**
- 3      **Innervation of vesical apparatus**  
          For prostate see 612.617      For action of nervous system on function of kidneys see 612.4638
- .49**      **Other glands and secretions**
- .491**      **Bone marrow**
- .492**      **Hypophysis or pituitary gland      Somatic brain**
- .493**      **Scent glands of animals**
- .494**      **Bartholini's glands**
- .495**      **Carotid gland**
- .499**      **Other glands**  
          See also 612.664, 612.792

DECIMAL CLASSIFICATION

- 612.5 Animal heat**
- .51 Sources Thermogenesis Calorimetry
  - .511 Direct calorimetry
  - 6 Calorimetry in disease
  - .512 Indirect calorimetry
  - 1 Influence of alimentation
  - 3 Effect of respiration
  - .52 Loss of heat Radiation Thermolysis
  - Conduction of animal tissues
  - .521 Cutaneous radiation
  - 1 Physiology of clothing
  - .523 Loss by pulmonary evaporation
  - .524 " " cutaneous evaporation
  - .53 Regulation of temperature Heat balance
  - Thermotaxis
  - .531 Influence of vasomotors
  - .532 " " muscular movement
  - See also 612.7453
  - .533 Effect of perspiration
  - .534 " " respiration Thermic polypnea
  - .535 Thermic centers
  - .54 Other conditions affecting temperature and thermogenesis
  - .541 Effect of baths
  - .543 " " inanition
  - See also 612.391
  - .544 Effect of poisons
  - .55 Variations in production and regulation of heat
  - .556 In disease: fevers
  - .56 Temperature of body
  - .563 Thermic topography
  - .58 Hibernating animals
  - .59 Heat and cold; effect on organism
  - Subdivisible with o like 612; e. g. 612.59074 Effect on muscles
  - 612.5908 " nervous system
  - See also 612.01443
  - .591 Effect of heat Deth from heat Thermic rigidity
  - .592 Effect of cold Deth from cold Rigidity from cold

- 612.6 Reproduction and generation      Development**
- .601 **Spontaneous generation**  
See origin and beginnings of life, 576.1
  - .602 **Transplantation      Animal grafting**  
May be divided by organs like 612
  - .603 **Cicatrization      Regeneration**  
May be divided by organs; e. g. 612.60344 Regeneration of thyroid  
612.60384 " " eye
  - .604 **Reproduction of lower organisms**  
Protozoa, etc.
    - 1 **Asexual: fission, division, gemmation or budding or sprouting**
    - 2 **Sexual: conjugation or conrescence**
    - 5 **Variations: alteration of generations or metagenesis, pedogenesis, parthenogenesis**
  - .605 **Morfogenesis in general      Heredity**  
See 575 Evolution
    - 1 **Heredity**
    - 2 **Variation, including artificial**
    - 3 **Hybridization**
    - 4 **Tumors**  
Only for physiologic aspect, for pathology see 616.992
  - .606 **Proportion and determination of sexes**  
See also Biology, 577.8 Sexes in nature, sexuality
  - .607 **Consanguinity      Incest**
  - .608 **Hermafroditism**
  - .609 **Theory of evolution      Natural selection, darwinism**  
See 575 Evolution
  - .61 **Male functions of generation**  
For semen see 612.616
  - .612 **Erection**  
Including also the function in general, in either or both sexes      See also 612.188
  - .613 **Copulation and fecundation**
    - 1 **Artificial      "**
    - 2 **Parthenogenesis**  
21 **Artificial parthenogenesis**
  - .616 **Testicles      Orchitic fluid      Sperm**
    - 1 **Effects of castration      Resection or injury, experimental or pathologic, of testicles or of sexual glands in general**
    - 2 **Physiology of spermatozoa**
    - 3 **Testicles as internal glands      Interstitial cells**
  - .617 **Appendages of male organs: semeniferous ducts, seminal vesicles**
  - .62 **Female functions of generation      Ovulation**  
See also 612.612 and 612.6161
  - .621 **Physiology of ovaries**  
See also 612.6303
    - 1 **Ablation or injury of ovary, experimental or pathologic**  
See also 612.6161
  - .622 **Physiology of ovum**
  - .627 **Physiology of uterus**
    - 1 **Uterin circulation**
    - 8 **Innervation of uterus**

DECIMAL CLASSIFICATION

- 612.63 Impregnation    Pregnancy    Parturition  
     See also 612.612  
     01 Period of pregnancy  
     03 Ovary in pregnancy    Corpus luteum
- .64 Development of embryo  
     For embryology see 611.013; for abnormal development see 611.012 Teratology, 617.3 Deformities
- .646 Physiology of embryo  
     "       " fetus  
     "       " newborn
- .649 Appendages of embryo    Amniotic fluid  
     See also 611.0138 Fetal appendages (in embryology)
- .65 Growth after birth  
     See also 612.64
- .651 Metamorfosis of lower animals    Larvae
- .66 Period of full development
- .661 Puberty
- .662 Menstruation
- .663 Fecundity
- .664 Lactation and milk  
     Physiology of mammary glands  
     1    Physics and chemistry of milk  
     12    Sugars  
     13    Fats    Butter  
     14    Albuminoids  
     16    Mineral substances  
     17    Lactic fermentation    Milk ferments  
     171    Milk curdling ferments    Coagulation of milk  
     18    Other constituents  
     181    Abnormal substances  
     19    Comparison of milk of various animals  
     191    Human milk  
     3    Lactic secretion  
     31    Quantity  
     32    Formation of sugars  
     33    "       " fats  
     34    "       " albuminoids  
     35    Colostrum  
     36    Effect of various agents on secretion  
     4    Action of poisons on milk secretion and their elimination  
     5    Physiologic morfology of milk  
     6    Pathologic changes in lactic secretion  
     7    Digestion of milk  
     8    Innervation of mammary glands
- .67 Period of decline    Deth  
     See also 577.7
- .68 Longevity  
     See also 368.3 Life insurance; 519.5 Probabilities; 614.12 Deth rates

- 612.7 Motor and vocal apparatus Skin**
- .71 **Protoplasm**  
See also 612.014 General physiology of cells and organisms
  - .72 **Vibratil cilia**
  - .73 **Smooth muscle**  
Divided like 612.74
  - .74 **Striped muscle**  
Muscle in general, including smooth muscle
  - .74I **Muscular contraction**
    - I **Myografy**
      - 12 Single contraction of muscle fiber Jerk contraction
      - 13 Tetanic contraction
      - 14 Tonic contraction
      - 15 Influence of chemic substances on muscles
      - 16 Myografy in disease
    - 2 **Change of volume of muscle**
    - 3 **Muscle wave**
    - 4 **Elasticity of muscle**  
Myotonometry Effect of weight Tension
    - 6 **Muscular irritability Influence of blood**
      - 61 Circulation in muscles
      - 62 Effect of stimulation
      - 63 " " electricity
    - 7 **Latent period**  
Time elapsing between moment of stimulation and response by an activ tissue
    - 8 **Muscle murmur**
    - 9 **Physiologic morfology of muscles**  
Histologic phenomena of contraction
  - .742 **Muscles after deth Rigor mortis**
    - I Chemic phenomena after deth: autolysis
  - .743 **Electric phenomena of muscles**
  - .744 **Chemistry of muscle**
    - I **Normal composition**
      - 11 **Carbohydrates**  
See also 612.35218 Glycogen of muscles
      - 14 **Albuminoids**
      - 15 **Other organic substances**
      - 16 **Mineral substances**  
Including water Muscle salts
      - 17 **Gases**
    - 2 **Chemic effects of muscular contraction**
      - 21 **Fatigue**
        - 21I Ergografy Dynamometry Work in general
        - 22 Consumption of oxygen and production of CO<sub>2</sub> in work
        - 23 Function of carbohydrates
        - 24 Relation of chemic changes to work Metabolism in relation to work
  - .745 **General effect on organism of muscular contraction or work**  
See also 612.532
    - I **Dynamic effects**
    - 3 **Thermic " "**
    - 5 **Relations between work and heat**

DECIMAL CLASSIFICATION

- 612.746 **Pathologic physiology of muscles**  
 1 Contractures  
 4 Tremors Shuddering  
 5 Nutrition of muscles Atrofy Degeneration  
 Regeneration  
 Including nerv influence See also 612.818
- .75 **Bones, joints and connectiv tissues**  
 .751 **Chemic composition of bone and connectiv tissue**  
 See also 612.398146
- 1 Bone  
 2 Cartilage  
 3 Connectiv tissue
- .752 **Nutrition of bones**  
 .753 **Growth, cicatrization and regeneration of bone**  
 .754 **Periosteum Perichondrium**  
 .755 **Tendons**
- .76 **Locomotion**  
 Principles of animal mechanism; comparativ study of locomotion preferably clast in 591.47
- .761 **Chronofotografy: technic**  
 .763 **Special movements Combined movements**  
 Physiology of violin playing, etc.
- .766 **Human locomotion**  
 1 Physiology of exercise and work  
 2 Rest
- .767 **Animal locomotion Special organs of locomotion**  
 Swimming bladder of fishes
- .768 **Flight**
- .769 **Biologic adaptation of movement**  
 .77 **Electric and phosphorescent animals**  
 Preferably clast 591.59
- .771 **Electric animals**  
 .772 **Phosphorescent animals**
- .78 **Voice and speech**  
 See also 784.9 Vocal hygiene; 808.5 Elocution; 534.7 Sound
- .781 **Sensibility of larynx**  
 .782 **Movements and innervation of larynx**  
 1 Influence of spinal accessory nerv  
 See also 612.819923
- 2 Influence of pneumogastric  
 See also 612.819917
- 3 Laryngoscopy  
 4 Movements of glottis  
 5 Epiglottis
- .783 **Artificial larynx**  
 .784 **Singing Timbre, quality Voice register**  
 .785 **Larynx in deglutition and other laryngeal functions**  
 See also 612.312
- .786 **Organs of sound in lower animals**  
 .788 **Larynx of birds**

MEDICIN: PHYSIOLOGY

- 612.789**      **Speech      Language**
- 1              Function of mouth and nose
- 2              "      "      lips and soft palate
- 3              Innervation of organs of speech      **Aphasia**  
                  See also 616.855
- 4              Vowels and consonants
- 5              Ventriloquism  
                  See also 791 Ventriloquism as an amusement
- .79**              **Skin**
- .790:5**              Chemic composition
- .791**              **Absorption**  
                  See also 612.384
- 1              Penetration by solids
- 2              Absorption of fats
- 3              "      "      solutions
- 4              "      "      liquids
- 5              "      "      gases
- .792**              **Cutaneous glands and secretion**
- 1              **Swet      Chemic composition**  
                  Toxic action of swet
- 12              Action of chemic substances on swet secretion  
                  Elimination of poisons by swet
- 42              Elimination of poisons by swet
- 5              Physiologic morfology of swet
- 6              Pathologic changes of swet
- 8              Action of nervous system on cutaneous exhalation
- 9              Other cutaneous secretions
- .793**              **Cutaneous respiration**
- 4              Effect of suspended transpiration; closing pores by  
                  liniments, etc.
- 5              Effect of chemic substances on skin  
                  See also 612.7924
- .794**              **Cutaneous sensibility**
- .795**              **Electric conductivity and resistance of skin**  
                  See also 612.014423
- .796**              **Chromatophores and skin pigments**
- .798**              **Trofic nerves of skin**
- .799**              **Growth and physiology of nails and hair**

DECIMAL CLASSIFICATION

- 612.8 Nervous system**
- .801 Theory of nervous system and innervation**
    - 1 Dynamogenesis and inhibition
    - 2 Action of nervous system on chemic phenomena
    - 3 Effect on morfogeny and evolution
      - See also 612.605
  - .81 Peripheral nervous system Nerv fibers**
  - .811 Distinction between sensory and motor nervs**
    - 3 Ganglions of sensory nervs
    - 4 Influence of sensibility on movement and of movement on sensibility
  - .812 Recurrent sensibility**
  - .813 Electric phenomena of nervs and muscles**
    - Muscle-nerv experiments as indicativ of nervous process
    - For muscle phenomena see 612.743
    - 2 Negativ variations
    - 3 Electrotonus
  - .814 Chemic and thermic phenomena of nervous stimulation**
    - For stimulation of nerv centers see 612.8223
  - .815 Physiologic morfology of nervous stimulation**
    - 1 Sensory terminations
    - 2 Motor "
  - .816 Irritability of nervs and muscles**
    - Nerv-muscle or nerv-gland physiology
    - 1 Action of electricity
    - 2 Theories of nerv waves
    - 3 Nervous conductibility
    - 4 Effect of blood on nervs Anemia
    - 5 Rapidity of nerv waves
    - 6 Nerv fatigue
    - 7 Action of chemic substances on nervous irritability
  - .817 Effect of nervs on muscles and glands**
    - 1 Chemic substances Curare poisons
    - 2 Voluntary contraction
    - 3 Tonicity Atrophy of muscles after cutting nervs, etc.
      - See also 612.7465
  - .818 Trofic nervs**
    - 5 Degeneration, regeneration and cicatrization
      - 1 Degeneration 2 Regeneration 3 Cicatrization



612.819

**Special nervs**

Whenever possible class according to function rather than according to a particular nerv, classing here only special nerv physiology

- 1 1st pair: olfactory
- 2 2d pair: optic  
See also 612.843
- 3 3d pair: motoroculi or oculomoto
- 31 **Innervation of iris**  
See also 612.8422
- 32 **Innervation of eyelids**  
See also 612.847
- 33 **Innervation of eye muscles**
- 4 4th pair: trochlear or pathetic
- 5 5th " : trigeminal
- 52 **Sensory action**
- 53 **Trofic action**
- 6 6th pair: external oculomoto or abducent
- 7 7th " : facial
- 71 **Effect on facial muscles**
- 73 " " **respiration**
- 74 " " **hearing**
- 75 " " **deglutition and taste**
- 77 " " **salivation Chorda tympani**  
See also 612.31387
- 78 **Pathology Facial paralysis**
- 8 8th pair: auditory  
See also 612.8585
- 9 9th pair: glossopharyngeal
- 91 10th " : pneumogastric or vagus
- 911 **Effect on hart and circulation**  
See also 612.1781
- 912 **Effect on respiration**  
See also 612.287
- 913 **Effect on digestiv organs**  
See also 612.328, 612.338, 612.348, 612.358, 612.368
- 915 **Effect on kidneys and other glands**  
See also 612.4
- 917 **Effect on voice production**  
See also 612.7822
- 918 **Section of vagus and pneumogastric**
- 92 11th pair: spinal accessory
- 921 **Anastomosis with vagus**
- 922 **Innervation of respiratory organs**  
See also 612.28
- 923 **Innervation of vocal organs**  
See also 612.7893
- 93 12th pair: hypoglossal
- 94 **Spinal nervs in particular**
- 941 **Phrenic nerv**

DECIMAL CLASSIFICATION

- 612.82 Nervous centers Brain  
 .821 Physiologic psychology  
 Usually better class in 130 Mind and body
- 1 Time of reaction to stimulation Psychometry
  - 2 Attention Memory Association Imagination
  - 3 Instinct Intelligence Emotions Sensibility
  - 31 Comparativ psychology
  - 311 Nonautomatic actions of animals Anticlisia
  - 312 Automatic " " "  
 For physiologic aspect see 612.829
  - 313 Instincts of animals Behavior See also 591.51
  - 33 Emotions Sensibility
  - 34 Inhibition of movement Will Habit Impulse
  - 35 Associated movements
  - 4 Action of poisons on intelligence  
 See also 613.8 Hygiene of nervous system  
 " " 615.9 Toxicology
  - 41 Alkaloids
  - 42 Nonalkaloid anesthetics  
 See also Therapeutics, 615.96 Cerebral poisons
  - 44 Alcohol  
 See also Therapeutics, 615.964 Alcohol as cerebral poison  
 Pathology 616.861 Alcoholism
  - 5 Effect of disease on intelligence
  - 6 Psychic reflexes
  - 7 Sleep Hypnotism  
 See also 135 Sleep, Dreams
  - 71 Hypnotism See also 134 Mesmerism, Hypnotism
  - 73 Theories of sleep
  - 74 Cerebral circulation in sleep
  - 75 Chemic phenomena of organism in sleep
  - 76 Dreams
  - 8 Sense in general and theories of perception
  - 88 Psychophysical laws
  - 89 Sensory delusions  
 For optic illusions see also 612.84374
- .822 Nerv cells and nerv centers
- 1 Chemistry of nervous tissue  
 Metabolism in nervs
  - 2 Chemic phenomena of nervous excitation  
 For stimulation of nerv fibers see 612.814
  - 3 Electromotiv phenomena of nervous excitation
  - 4 Thermic " " " "
  - 5 Physiologic morfology " " "  
 Effects of fatigue  
 " " poisons
  - 53 Degeneration and regeneration of centers
  - 54
  - 56
  - 6 Effects of removal and experimental, pathologic or teratologic lesion of nerv centers
  - 61 Movement in a circle (motus circularis, manège)
  - 7 Decapitation
  - 8 Action of central nervous system on chemic phenomena of organism  
 See also 612.01538, 612.8012
  - 81 Effect of chemic changes on centers

- 612.823 **Weight and general morfology of brain**  
 5 Conduction in centers
- .824 **Cerebral circulation**  
 1 Neurolymf, neurolympfa or cerebrospinal fluid  
 Meninges Choroid plexus  
 2 Brain movements  
 3 Cerebral vasomotors  
 4 " anemia  
 5 Pressure on nerv centers  
 55 **Compression and concussion of brain** Abnormal pressure  
 6 Temperature of blood in nerv centers  
 Effect of abnormal pressure
- .825 **Cerebral convolutions (cortex)**  
 1 Cortical excitability  
 2 Psychomotiv centers Localizations  
 23 **Inhibitory actions**  
 See also 612.8338  
 24 **Localization in man**  
 249 Speech Aphasia  
 See also 612.7893  
 25 Localization in animals  
 26 **Topografy of localizations**  
 261 Frontal lobe  
 262 Occipital "  
 263 Parietal "  
 264 Temporal "  
 265 Central "  
 266 Olfactory "  
 3 Cortical epilepsy  
 See also 616.853  
 5 **Sensory functions of convolutions**  
 Convolutions as seat of senses  
 54 **Sight**  
 55 **Hearing**  
 56 **Smell**  
 57 **Taste**  
 58 **Muscular sense**  
 See also 612.885  
 59 **Touch**  
 See also 612.88  
 8 **Intellectual functions**  
 Only for physiology of these functions
- .826 **Cerebral ganglions, commissures, etc.**  
 1 **Optostriate body and callosum**  
 Or optic thalami, striatum and callosum  
 2 **Conduction in the brain**  
 See also 612.8235  
 3 **Crura or cerebral peduncles** Epiphysis **Infundibulum**  
 5 **Quadrigenimum** Optic lobes  
 7 **Cerebellar peduncles or prepeduncles**  
 8 **Pons**

DECIMAL CLASSIFICATION

612.827

Cerebellum

.828

Medulla oblongata or postoblongata

.829

Special physiology of central nervous system of invertebrates

See also 612.8296

1

Regulating effect of ganglia      Circular movements (manège)

2

Chain of ganglions      Network of nervs, or rete nervosum

3

Reflex movement

Locomotion in respect to physiology of nervous system

31

Reflexes proper

32

Rhythm      Refractory period

33

Tonicity      Tonic reflex

34

Coordination

.83

Spinal cord or myel

.831

Conduction in the cord

See also 612.8235

.832

Excitability of cord

.833

Reflex action

Subdivide like 612; e. g. 612.83317      Cardiac reflexes

612.83362      Uterin      "

612.8337      Limb reflexes; knee jerk

8

Action of superior nerv centers on reflexes

9

Other phenomena of reflex action

91

Rapidity of reflexes

92

Pathology

93

Effect of anemia

94

Action of poisons on reflexes

95

Rhythm in general

951

Refractory period

96

Coordination

97

Other phenomena

e. g. reflexes according to nature of impulse: fatigue, etc.

.834

Cord as center of innervation

.835

Degeneration and regeneration of cord      Atrofies

.84

Physiologic optics      Sight

.841

Fibrous tunics of eye

1

Cornea      Conjunctiva      Anterior chamber

5

Sclera

.842

Vascular tunics      Iris      Choroid      Ciliary body

1

Iris accommodation

See also 612.844 for general papers on accommodation

11

Pupillometers

2

Action of nervs and nerv centers on pupil

3

Effects of light

4

Action of chemic substances on iris      Atropin      See 615.784

5

Choroid      Eye pigments

6

Ocular circulation      Intraocular pressure

61

Ophthalmometers

MEDICIN: PHYSIOLOGY

- 612.843**      **Optic nerv      Retina**  
                   See also 612.8192 2d pair of cranial nervs; optic
- 1            Physiologic morfology      Retinal purple
- 12          Ophthalmoscope
- 13          Retinal circulation
- 14          "      purple
- 15          Physiologic morfology of retina
- 2            Irradiation
- 3            Color sense      Chromatic sensibility
- 31          Color sight  
                   Power to distinguish colors  
                   For color blindness see 612.8455; 617.75
- 32          Sensitiveness to color  
                   For pathology of chromatic sensibility see 612.8455
- 34          Mixture of colors
- 35          Contrast of colors
- 4            Entoptic fenomena
- 5            Persistence of retinal impressions
- 6            Field of vision      Visual acuteness and sensibility
- 61          Photometry  
                   Photometric technic
- 62          Field of vision
- 63          Visual acuteness and sensibility
- 7            Conduction in the brain      Perception
- 71          Histology of fibrillae      Center of sight
- 72          Optic perceptions      Localization of image in space
- 721        Binocular perception      Stereoscropy      Perception of  
                   distance, size and form  
                   Perception of differences in hight of surface      For movement  
                   see 612.8463
- 73          Impression of color suggested by sound, auditus coloratus
- 74          Optic illusions
- 75          Observations on those born blind
- 78          Degenerations of optic nerv and fibrillae
- .844**      **Refractory apparatus      Ocular refraction**  
                   See also 612.8421
- 1            Crystallin lens
- 4            Aqueous humor
- 7            Vitreous humor
- .845**      **Functional disorders or pathology of sight**  
                   See also 617.75
- 1            Myopia
- 2            Hypermetropia
- 3            Astigmatism
- 4            Presbyopia
- 5            Daltonism      Color blindness  
                   See also 612.84331 Color sight; 617.75 Disorders of vision
- 6            Hemeralopia

DECIMAL CLASSIFICATION

- 612.846**      **Movements of eye**
- 2      **Binocular vision**  
             For perception see 612.843721
- 3      **Action of 3d cranial or oculomotor nerve**
- 4           "      "      4th      "      or trochlear nerve
- 6           "      "      6th      "      or abducent nerve
- 8      **Strabismus      Diplopia**
- .847**      **Palpebral and lacrimal apparatus**
- .85**      **Hearing**
- .851**      **External ear: functions**
- .854**      **Middle ear**
- .855**           Tympanic membrane or drumhead      **Tympanum**
- .856**           Eustachian tube
- .857**           Bones
- .858**      **Internal ear**
- 1      **Conduction of sound in internal ear**
- 2           Utricle      Saccule
- 3      **Semicircular canals**  
             See also 612.8863 and 616.841 Vertigo
- 4      **Cochlea      Corti's organ or fibers      Spiral organ**
- 5      **Acoustic nerve**
- 6      **Endolymph**
- 7      **Acoustic perception      Conduction of acoustic excitation in the brain**
- 71      **Auditory acuteness**
- 72      **Auditory center in brain**  
             See also 612.82555
- 73      **Subjective sensations**
- 74      **Musical physiology and psychology**  
             Distinction of tones and quality or tone color (timbre)
- 75      **Binaural hearing**
- 751           Localization of sound in space      **Estimation and effect of distance**
- 76      **Sensibility of living beings to sound and vibrations**
- 8      **Otocysts**
- 8      **Auditory reflexes**
- 86**      **Smell**  
             See also 612.82556 Seat of smell
- .867**      **Perceptions      Conduction in the brain**
- .87**      **Taste**
- .875**      **Function of lingual nerve**  
             See also 612.8195
- .877**      **Function of chorda tympani**  
             See also 612.81977
- .879**      **Function of glossopharyngeal nerve**  
             See also 612.8199

MEDICIN: PHYSIOLOGY

- 612.88 Touch Tactil sense Equilibrium
- .881 Notion of space
- .882 Sense of temperature
- .883 Sense of pressure  
Including all related phenomena; e. g. tickling
- I Esthesiometers
- .884 Sensibility to pain
- .885 Muscular sense Power sense
- .886 Sense of equilibrium
- I Sense of direction and orientation
- 2 Seasickness
- 3 Vertigo  
See also 612.8583
- 9 Function of special organs  
Function of lateral line of fishes and other special organs of lower animals
- .887 Anesthesia, hyperesthesia, synesthesia
- .89 Sympathetic nervous system
- .8903 Trofic action
- .8905 Reflex phenomena
- .891 Cervical ganglions and plexus
- .892 Thoracic " " "
- .893 Abdominal " " "
- .896 Action on eyes; iris  
See also 612.8422
- .897 Action on hart  
See also 612.1782
- .898 Action on digestiv tract; alimentary canal  
See also 612.3 and special subdivisions
- .899 Effect on blood vessels  
See also 612.18

## 613 Personal Hygiene

Care of Health; Prophylaxis; Individual Health; Laws of Health.

.02, Compendis; .03, Dictionaries, Cyclopedias; .04, Essays; .05, Periodicals; .06, Societies; .07, Study and Teaching; .08, Sanitary Appliances; .09, History, Description, Reports, etc., divided like 930-999.

**.1 Air and Light.**

For Air Analysis, see 543.7; Air Pollution, 614.7; Ventilation, 628.8.

.11 Climate. Acclimation. See 551.5, Meteorology; 615.834, Therapeutics; 614.42, Geographical distribution of disease.

.12 Health Resorts. Mountain. Sea-shore.

Regions exempt from special diseases.

.13 Seasons. Time of Day.

.14 Malaria. Moisture. Ground Air. See Public Health, 614.775, 614.773, and 614.772.

.15 Purification of Air.

.16 Special Influences. Ozone, Electricity, etc.

.17 Quantity of Air Necessary.

.18 Temperature. See also 536.5, Heat; 551.52, Meteorology.

.19 Sunlight.

**.2 Food. Dietetics.**

For Food Analysis, see 543.1; Adulterations, 614.31; Digestion and Nutrition, 612.3.

.21 Dietaries.

Including food for special classes of people; literary men, soldiers, etc.

.22 Food for Infants.

.23 Food for the Sick.

Including means for giving nutrition, baths, enemata, forced alimentation, etc.

.24 Fasting. Famine. Starvation.

.25 Excess of Food.

.26 Vegetable Food.

.27 Fruits.

.28 Animal Food. Meats.

.29 Fish, Oysters, etc.

**.3 Beverages.**

For alcoholic beverages, see 613.81 and 178, Temperance Ethics; Inspection of beverages, 614.34.

.31 Water as a Beverage.

.32 Impurities in Water and Ice. See also 628.16, Water supply of towns.

.33 Microscopical Analysis. For Chemical Analysis, see 543.3.

.34 Biological Analysis.

.35 Purification. Filtration, Boiling, Chemical, etc. See also 628.16, Water Supply.

.36 Cold Drinks.

.37 Hot Drinks. Tea, Coffee, etc. See also 614.347, Adulterations.

.38 Mineral Waters, Carbonated Waters, etc. See also 614.348, Adulterations; 615.79, Therapeutics

.39 Other Beverages.



- 613.4 Cleanliness of Body. Clothing.**  
 See also 646, Clothing, Toilet, etc.; 391, Customs, Care of Person, Bathing, Toilet. For Therapeutic baths, electric, sulphur, etc., see 615.67.
- .41 **Baths.**
  - .42 **Warm.**
  - .43 **Cold.** For Swimming, see 796.
  - .44 **Douche or Shower.**
  - .45 **Sea. Salt.**
  - .46 **Hot Air. Turkish. Russian. Roman, etc.**
  - .47 **Public.**
  - .48 **Clothing.**
    - 1, Material, wool, cotton, etc.
    - 2, Quantity.
    - 3, Cleanliness.
    - 4, Pressure. Corsets, garters, tight boots, support from hips, etc.
  - .49 **Care of special parts of body.**
  - .5 Human Habitation and Resort.**  
 For Heating, see 697; Ventilation, 628.8; House drainage, 628.6; Sanitation of towns, 628.4; Industrial sanitation, 628.5.  
 These subjects, partly Public and partly Private Hygiene, are for convenience grouped together here.
  - .51 **Homes.**
  - .52 **Hotels.**
  - .53 **Tenements.**
  - .54 **Schools. Colleges.** See School hygiene, 371.7.
  - .55 **Churches, Theaters, Halls, etc.**
  - .56 **Hospitals. Asylums.**
  - .57 **Prisons. Reformatories.**
  - .58
  - .59 **House Furnishing.**
    - 1, Bed and Bedding.
    - 2, Curtains. Tapestries.
    - 3, Carpets. Rugs. Floors.
    - 4, Wall Paper.
    - 9, House Cleaning.
  - .6 Hygiene of Employment.**  
 For Labor of children, see 331.3; Mining dangers and accidents, 622.8; see also Laboring classes, 331.8; Industrial sanitation, 628.5; Nuisances, 614.7.
  - .61 **Over-hours. Over-work.**
  - Occupations made Injurious.**
  - .62 **By Inhalation of Vapors and Gases.**  
 Bleachers, match-makers, lard refiners, etc.
  - .63 **By Inhalation of Dust or by Absorption.**  
 Grinders, stone-cutters, millers, wool operatives, hair pickers, type founders, grocers, etc.
  - .64 **By Elevated, Low, or Variable Temperature.**  
 Bakers, forgemen, mariners, fishermen, farmers, laborers, etc.
  - .65 **By Over-use of certain Organs. By Constrained Attitude and Sedentary Life.**  
 Engravers, public speakers, copyists, printers, salesmen, clerks, literary men, etc. See also Mental hygiene, 131.
  - .66 **By Accidents.** See Public health, 614.8, Protection from accidents.  
 Machinists, quarrymen, caisson-workers, manufacturers of explosives, etc.
  - .67 **Military Hygiene. Barracks, Camp and Tent Life.**
  - .68 **Naval Hygiene. Ship Life.**
  - .69 **Hygiene of Travel and Exploration.**

DECIMAL CLASSIFICATION

- 613.7 Hygiene of Recreation and Sleep.**
- .71 **Gymnastics.** See also 371.73, School Hygiene, Care of Body  
For Curative gymnastics, see 615.82, Massage.
  - .72 **Athletics and other Muscular Exercise.**  
See also 796, Out-door sports.
  - .73 **Training and Overstrain.** See also 371.75, Championship games.
  - .74 **Amusement or Play.**  
See also 796, Out-door sports, and 371.74, Recreations.
  - .75 **Parks.**  
Some subjects more properly placed in Public Health, are grouped here by attraction.
  - .76 **Vacations.** See also 371.23, School Vacations.
  - .77 **Holidays.** See also 371.23, School Holidays.
  - .78
  - .79 **Rest and Sleep. Late Hours.** See 613.86, Insomnia.
  - .8 Hygiene of Nervous System.**  
Including the action of Stimulants and Narcotics. See also 615.78, Drugs acting on Nervous System; 615.95, Neurotic Poisons.  
For Mental overwork, see 131, Mental Hygiene. See also 178, Temperance.
  - .81 **Alcohol.** See also Temperance, 178; Beverages, 613.3; Inspection of Beverages, 614.34.
  - .82 **Opium and Hashish.** See also 178.8.
  - .83 **Chloral and Caffeine.** See also 178.8.
  - .84 **Tobacco.** See also 178.7.
  - .85 **Other Narcotics.**
  - .86 **Insomnia.** See also 613.79, Rest and Sleep.
  - .87 **Morbid Habits. Bad Social Customs.** See also Social Ethics, 177;  
Late Hours, 613.79.
  - .88 **Luxury. Privation.**  
See also Fasting; Famine; Starvation, 613.24
  - .89 **Celibacy. Monogamy. Polygamy.**  
See also Polygamy and Monogamy, 173.2; Sexual Ethics, 176; Celibacy of Clergy, 254; Asceticism, 248.
  - .9 Hygiene of Offspring. Heredity.**  
See also Heredity, 575.1.
  - .91 **Congenital Defects of Body.**  
See also Monstrosities, 573.9; and Orthopædic Surgery, 617.3.
  - .92 **Inherited Mental Disability.**  
See also Mental heredity, 136.3; Mental derangements, 132; and Mental physiology and hygiene, 131.
  - .93 **Transmitted Disease.**  
See also special diseases in 616.
  - .94 **Stirpiculture. Eugenics.**

# 614 Public helth

Public hygiene Public sanitation State medicin Preventiv medicin  
 See also 628, Sanitary engineering; 352.4 Boards of helth  
 .02 Compendis .03 Dictionaries, cyclopedias .04 Essays .05 Periodicals .06 So-  
 cieties, conventions .07 Education .08 Sanitary appliances, exhibitions .09 His-  
 tory, description, legislation, reports, etc. divided like 930-999. e. g. 614.0942  
 Public helth in England

- .1 **Registration and vital statistics** See also 312 Population
- .11 Births and birth rates
- .12 Deths and deth rates  
 Divided geografically like 930-999, e. g. Deth rate in England, 614.1242
- .13 Mortality at different ages  
 For life insurance, life tables, biometry, etc. see Life insurance, 368.3,  
 and Life contingencies, 519.5; Longevity, 612.68
- .131 Stillbirths
- .132 Infant mortality
- .133 Mortality in childhood
- .134 " " adult life
- .135 " " old age
- .14 Mortality of sexes, races, etc.
- .141 " " the sexes
- .142
- .143
- .144 " " races: colored, white, indian, etc.
- .145 " " city and country
- .146 " " different occupations See also 613.6
- .147 " from special diseases Causes of deth
- .15 Morbidity
- .16
- .17 Marriage
- .18 Divorce See also 173.1 Family ethics
- .2 **State control of medicin**
- .21 Medical education and degrees See 610.7; 378.2 Academic degrees
- .22 Anatomy and vivisection laws See 179.4 Ethics
- .23 Expert testimony and other medico-legal relations  
 See 340.6 Medical jurisprudence
- .24 Registration of physicians, dentists, pharmacists, etc.  
 License to practis
- .25 Regulation of medical practis  
 See 174.2 Professional ethics, physicians
- .26 Quackery and malpractis
- .27 Nostrums and patent medicins See also 614.353 Adulterations
- .28 Sale of poisons See 615.9 Toxicology
- .29 Medical police

DECIMAL CLASSIFICATION

- 614.3 Adulterations: inspection of articles liable to affect public health Pure food laws**  
 Public analysts State laboratories For chemic analysis see 543
- .31 Inspection of food For chemic analysis see 543.1; Hygiene 613.2
  - .311 Sugars Sirups Confectionery
  - .312 Cereals Starches Bred
  - .313 Lards Fats Oils See 614.325-6 Butter, oleomargarin
  - .314 Spices Condiments
  - .315 Yeast Baking powders Cream of tartar
  - .316 Fresh food Vegetables, fruits
  - .317 Meats Fish (fresh)
  - .318 Cand or preservd food Vegetables, fruits
  - .319 Meat Fish Oysters (preservd)
  - .32 Milk and milk products
  - .321 Milk analysis See also chemistry, 543.2; dairy, 637.1277
  - .322 Milk of known purity
  - .323 Milk sold to consumer
  - .324 Cream Skimd milk Condensat milk Buttermilk Kumiss
  - .325 Butter and its imitations
  - .326 Oleomargarin
  - .327 Cheese and its imitations
  - .33 Other articles of food
  - .34 Inspection of beverages  
 For chemic analysis see 543.1; hygiene, 613.3
  - .341 Fermented
  - .342 Wine
  - .343 Brewd
  - .344 Beer
  - .345 Distild
  - .346 Fruit drinks: lemonade, shrub, etc.
  - .347 Tea Coffee Chocolate Coco See also 613.37, Hygiene
  - .348 Mineral waters Soda water  
 See also 613.38, Hygiene; 615.79 Therapeutics
  - .349 Mixt drinks
  - .35 Inspection of drugs For chemic analysis see 543.4
  - .351 Officinal or pharmacoepial drugs
  - .352 Nonofficinal drugs
  - .353 Empiric or patent medicins See also 614.27 State control
  - .354 Cosmetics
  - .355 Poisonous cosmetics
  - .36 Inspection of tobacco
  - .37 Inspection of pigments, wall and other papers, textil fabrics, toys, etc.
  - .4 Contagious and infectious diseases: general
  - .41 Causes and origin  
 See 589.95 Bacteria, microbes; 616.01 Germ theory of disease
  - .42 Geografic distribution Climatology
  - .43 Modes of propagation and communication

MEDICIN: PUBLIC HELTH

- 614.44 Prevention and restriction See also Ambulances, 614.882
- .45 Isolation, lazarettos, etc.
- .46 Quarantine, etc.
- .461 Maritime quarantine
- .462 Inland " "
- .463 Control of rags, etc.
- .47 Protectiv inoculation
- .471 Against smallpox See also 616.912, Pathology
- .472 Variolation
- .473 Vaccination
- 1 Bovine vaccination
- 2 Humanized vaccination
- 3 Vaccinal syphilis
- 4 Revaccination
- 5 Vaccinisation
- 6 Revaccinisation
- 7 Retrovaccination
- 8 Compulsory vaccination
- 9 Optional vaccination
- .474 Antivaccination
- .475 Against cholera See also 616.932, Pathology
- .476 " yellow fever See also 616.928 Pathology
- .477 " hydrophobia Pasteurism
- See also 616.953 Pathology
- .48 Disinfection
- Houses, clothing, rags, workahops, cars, ships, camps, air, soil, persons, sewers, vaults, excreta. Ded, see 614.64 Embalming, etc.
- .481 Fumigating and other apparatus
- 1 Stationary
- 2 Portable
- .482 Disinfectants Antiseptics Deodorizers
- Treated with reference to public helth. See also Materia medica 615.777 and 615.778
- .483 Heat
- .484 Chemic disinfectants
- .485 Carbolic
- .486 Salicylic
- .487 Chlorids
- .488 Copperas
- .49 Epidemics Plagues
- .5 Contagious and infectious diseases: special
- These heds are for public helth discussions only. For treatment, etc. see Pathology, 616
- .51 Filth diseases
- .511 Typhoid or enteric fever
- .512 Difteria
- .513 Diarrheal diseases
- .514 Cholera
- .515 Cholera-infantum
- .516 Dysentery
- .517 Diarrhea

DECIMAL CLASSIFICATION

- 614.52 Exanthemata
  - .521 Smallpox
  - .522 Scarlet fever
  - .523 Measles
  - .524 Rötheln, rubella, rubeo'a
  - .525 Chickenpox
  - .526 Typhus
- .53 Malarial fevers
  - .531 Intermittent fever
  - .532 Remittent fever
- .54 Other contagious and infectious diseases
  - .541 Yellow fever
  - .542 Phthisis Tuberculosis
  - .543 Whooping cough
  - .544 Mumps
  - .545 Puerperal fever See also 618.72
  - .546 Leprosy
  - .547 Syphilis
  - .548 Gonorrhoea
- .55 Parasitic diseases
  - Hookworm
- .56 Diseases communicated from lower animals
  - .561 Anthrax Charbon
  - .562 Trichiniasis
  - .563 Hydrophobia
  - .564 Glanders
- .6 Disposal of the ded
  - See customs, 393 Treatment of the ded
  - .61 Burial
    - .611 Earth burial
    - .612 Tomb burial
    - .613 Burials in churches Intramural
    - .614 Use of perishable coffins
  - .62 Cremation Crematories
  - .63 Transportation of the ded
  - .64 Embalming and disinfection of the ded Use of ice
    - See 614.48 Disinfection; 615.777 Disinfectants
  - .65 Effect of cemeteries on helth
    - .651 By water pollution
    - .652 " air "

MÉDICIN: PUBLIC HEALTH

- 614.7 Hygiene of the air and ground Nuisances**  
 See 613.1 Air (Hygiene); 613.6 Hygiene of employment; 628.5 Industrial sanitation
- .71 Air pollution by dust and smoke [works
  - .72 Air pollution by noxious gases, mineral trades, chemic
  - .721 Carbon compounds
  - .722 Carbonic oxid, carbonic acid, carburetted hydroge:
  - .723 Illuminating gases Gas works
  - .724 Mineral oil refining
  - .725 Sulfur compounds
  - .726 Chlorin "
  - .727 Nitrogen "
  - .728 Phosphorus "
  - .729 Other
  - .73 Air pollution by vegetable trades
  - .731 Brewing
  - .732 Distilling
  - .733 Vinegar making
  - .734 Sugar refining
  - .735 Charcoal burning
  - .736 Varnish making
  - .74 Air pollution by animal trades
  - .741 Slaughter houses Abattoirs Fish
  - .742 Rendering works Boneboiling Tripe and gut cleaning
  - .743 Pork packing Lard refining
  - .744 Soap making
  - .745 Tanning
  - .746 Glue making
  - .747 Lampblack
  - .748 Commercial fertilizers
  - .75 Storage and handling of noxious and offensiv materials
  - .76 Other air pollutions See 628 Sanitary engineering
  - .761 Stables Stable manure
  - .762 Hog stys
  - .763 Offal Ded and diseased animals and fish
  - .764 Vaults Cesspools Water closets, privies, urinals, night soil
  - .765 Sewers and sewer outlets Sewer gas
  - .77 Conditions of soil as affecting helth
  - Topografy Sanitary Surveys
  - .771 Analysis of soils See 543.7 Chemistry
  - .772 Soil moisture
  - Hygiene of natural water courses and of marshes. See 613.14 Hygiene
  - .773 Ground atmosphere See 613.14 Hygiene
  - .774 Solid constituents of soil
  - .775 Malarious soils See 613.14 Hygiene
  - .776 Recovery of soils from pollution

DECIMAL CLASSIFICATION

- 614.78 Air and ground in towns
  - .781 Laying out of towns and streets
  - .782 Subways and elevated ways See 628.47 Sanitation of towns
  - .783 Parks Air spaces
  - .784 Hight of bildings and proportion of occupiable area  
See 614.85 Bilding laws
- .8 **Protection of human life from accidents, casualties, etc.**
  - Safety appliances  
See 613.66 Hygiene of employment
  - .81 Drowning
    - .811 Rescue of the drowning
    - .812 Resuscitation of the drownd First help Pulmotors
  - .82 Suffocation
    - By gases, in vaults, mines, etc.; see also 622.8 Mining dangers. By illuminating gases
  - .83 Explosions
    - .831 Manufacture and storage of explosivs and combustibles  
See also 662 Chemic technology
    - .832 Gunpowder
    - .833 Dynamite, etc.
    - .834 Inspection of kerosene, etc.
    - .835 " of illuminating gas
    - .836 " of electric apparatus.
    - .837 " of steam boilers
  - .84 Fires
    - .841 Fire prevention
    - .842 " detection
    - .843 " extinction See 352.3 Fire department
    - .844 Automatic
    - .845 Chemic extinguishers
    - .846 Fire engins Water towers See 621.68 Pumping engins
    - .847 Fire escapes and other apparatus
    - .848 " exits, etc. from public bildings
    - .85 Bilding laws Inspection of bildings  
See 614.784 Hight of bildings
  - .86 Protection of travelers
    - .861 Travel on land
      - .862 " " highways
      - .863 " " railroads
      - .864 " " water
    - .865 Lighthouses, buoys, etc.
    - .866 Pilots
    - .867 Boats, life preservers, etc.
    - .868 Rescue of shipwreckt Lifesaving servis
  - .87 Exposure to cold Hospice of St Bernard
  - .88 Aid to injured
    - .881 Ambulance
    - .882 Ambulance for contagious diseases See also 614.44
    - .883 Bed wagon



MEDICIN : THERAPEUTICS

- 614.9 Hygiene of animals    Veterinary sanitation**
- .91 Infectious diseases of domestic animals
  - .92 Parasites of animals    See 591.69 Economic zoology
  - .93 Animal diseases communicable to man    See also 614.56
  - .94 Care and housing of animals
  - .95 Feeding of animals
  - .96 Transportation of animals
  - .97 Methods of slaughtering
  - .97<sup>I</sup> Painless extinction of animal life
- 615 Materia medica and therapeutics**
- .02 Compendis    .05 Pharmaceutic journals    .06 Pharmaceutic societies
  - .07 Education, schools of pharmacy    .09 History
- .1 Materia medica    Drugs    Pharmacology**
- For examining boards, laws, etc. see 614.24 Registration of pharmacists. See also 614.35 Adulteration of drugs; 543.4 Chemic analysis
- .11 Pharmacopocias
  - .12 Dispensatories
  - .13 Formularies
  - .14 Prescription writing    Posology
- .2 Inorganic drugs**
- Divided like 546.    615.218 Phosphorus; 615.258 Mercury; 615.272 Iron. See also note to 615.7
- .3 Organic drugs**
- See also note to 615.7
- .31 Carbon compounds    Divided chemically like 547
  - .32 Vegetable products    Divided botanically like 580
  - .33 Vegetable products    Divided by character
    - 1 Starches    2 Sugar    3 Glucosids    4 Tannins    5 Gums    6 Drugs
    - containing alkaloids    7 Bitters    8 Organic acids
  - .34 Fixed oils and acids
  - .35 Ferments: diastase, pepsin, etc.
  - .36 Organotherapy
  - .37 Serotherapy
    - Opsonic theory; see also physiology, 612.118223
    - Vaccine therapy; see also public health, 614.473 Vaccination
- .4 Practical pharmacy**
- .5 Therapeutics    Action of medicins in general**
- .51 Certainty of medicins
  - .52 Antagonism of medicins
  - .53 Law of similars    Homeopathy
    - Homeopathic works are classed with the subjects treated. This head is for Hahnemann's theory only
  - .54 Influence of age
    - Infant therapeutics    Therapeutics of old age
  - .55 Influence of sex
  - .56 Influence of environment
  - .57 Influence of idiosyncrasy

DECIMAL CLASSIFICATION

- 615.6 Administration of medicins**
- .61 By stomach
  - .62 " rectum
  - .63 " subcutaneous tissue Hypodermic medication
  - .64 " lungs Inhalation See also 612.385 Absorption
  - .65 " veins Transfusion of blood
  - .66 " serous and mucous membranes Peritoneum, vagina, etc.  
See also 612.387 Absorption
  - .67 " skin Baths  
See also physiology 612.384
- .7 Medicins group by effects**
- Treatises on specific drugs, digitalis, ergot, etc. are class in the divisions of materia medica, 615.2-615.3; iron, 615.272; digitalis, 615.32381
- .71 Drugs acting on circulatory system
  - .711 Stimulants  
Alcohol, ammonia, digitalis, coffee, ergot
  - .716 Depressants  
Aconite, veratrum group, nitrites
  - .72 Drugs acting on respiratory system
  - .721 Expectorants
  - .726 Errhines Sneezing
  - .73 Drugs acting on digestiv system
  - .731 Emetics  
Ipecac, mustard, metallic salts, apomorphin
  - .732 Cathartics  
1 Laxatives 2 Salines 3 Purgatives 4 Hydragogs 5 Drastics  
6 Mercurials
  - .733 Anthelmintics
  - .734 Aids to digestion  
1 Bitters, tonics 2 Ferments, pepsin, pancreatin, etc. 3 Acids, antacids
  - .735 Demulcents, emollients, etc.  
Bismuth, oxalate of cerium, etc.
  - .74 Drugs acting on glandular system
  - .741 Sialagogs (Saliva)
  - .742 Cholagogs (Bile)
  - .743 Diaphoretics (Perspiration)  
Pilocarpin, heat, exercise
  - .75 Antipyretics Antiperiodics  
Quinin, salicylates, coal-tar products, kairin, antipyrin, antifebrin, cold, baths. See also 613.41 Baths
  - .76 Drugs acting on genito-urinary system
  - .761 Diuretics  
Water, citrates, acetates, digitalis, caffen, copaiba
  - .766 Uterins Oxytocics  
Vibu-num, ergot, etc.

MEDICIN: THERAPEUTICS

- 615.77 External agencies
- .771 Irritating
- .772 Astringents
- .773 Rubefacients
- .774 Epispastics Blisters
- .775 Escharotics Caustic potassa
- .776 Protectiv Emollient  
Fats, oils, powders, starch, bismuth, oxid of zinc
- .777 Deodorants Disinfectants  
See 614.48 Disinfection; 614.64 Disinfection of ded
- .778 Antiseptics Germicides
- .78 Drugs acting on nervous system See also 615.95 Neurotic poisons
- .781 Anesthetics Chloroform, ether
- .782 Hypnotics Chloral, bromids
- .783 Analgesics Opium
- .784 Mydriatics Belladonna
- .785 Excitants Strychnin
- .786 Depressants Conium
- .788
- .789 Other drugs  
Camfor, valerian, asaetida
- .79 Mineral waters See also 613.38 Hygiene; 553.7 Occurrence in nature
- .8 Other remedies
- .81 Mechanical remedies
- .811 Bloodletting Venesection Cupping
- .812 Setons and issues
- .813 Bandages Ligatures
- .814 Acupuncture
- .815 Pneumatic aspiration
- .82 Manipulation Exercise  
See also Hygiene, Massage, Osteopathy, curativ gymnastics
- .83 Imponderable remedies
- .831 Light Blue glass
- .832 Temperature: heat, cold
- .833 Moisture
- .834 Climate See also 613.1 Hygiene
- .835 Altitude  
Decrease of oxygen and increase of nitrogen with increasing elevation
- .836 Pneumatic differentiation
- .837 Music
- .84 Electricity Electrotherapeutics Radiotherapy  
See also 537.87 and 621.3915

DECIMAL CLASSIFICATION

- 615.85 Cures
- .851 Mind cure Influence of mind on body  
Mental condition as affecting disease; occupation as remedy  
See also 130 Mind and body
- .852 Faith cure Christian science See 265.8 Religion  
See also state control of medicin, 614.24; Christian science theology,  
230.95; sects 289.5
- .853 Hydrotherapy Water cure
- .854 Food cures: grapes, milk, beef, etc.
- .855 Thomsonianism Herb doctors
- .856 Perkinism Metallic tractors
- .86
- .87
- .88 Patent medicins
- .89 Ancient and medieval remedies  
Including those of modern uncivilized peoples
- .9 Toxicology Poisons  
For other relations see Poisons, in Relativ index following Tables
- .91 Irritant poisons
- .92 Mineral irritants
- .921 Acid poisons
- .922 Alkalin poisons
- .923 Nonmetallic poisons
- .924 Phosphorus See also 615.218 Drugs
- .925 Metallic poisons
- .926 Arsenic See also 615.219 Drugs
- .927 Mercury See also 615.258 Drugs
- .928 Led Painters colic See also 615.251 Drugs
- .929 Copper See also 615.256 Drugs
- .93 Vegetable irritants  
Hellebore, aloes, croton oil, etc.
- .94 Animal poisons  
Cantharides, diseased meat, ptomains, tyrotoxon, etc.
- .95 Neurotic poisons  
See also 615.78 Drugs acting on nervous system
- .96 Cerebral or narcotic poisons Carbonic oxid and acid
- .961 Opium
- .962 Prussic acid
- .963 Cyanids
- .964 Alcohol
- .965 Ether
- .966 Chloroform
- .967 Chloral hydrate
- .97 Spinal poisons  
Nux vomica, strychnia
- .98 Cerebrospinal poisons  
Aconite, belladonna, lobelia
- .99 Cerebrocardiac poisons  
Digitalis, tobacco

616 Pathology Diseases Treatment

May be subdivided by o like 610, if wisht. Use 616.01 for etiology, germ theory, bacteriology, classification of diseases. Use 616.07 for diagnosis, study of disease, and subdivide it as follows: 1 Pulse 2 Tung 3 Eye, skin, etc. 4 Auscultation, percussion 5 Thermometry 6 Chemistry, urin analysis 7 Microscopy, radioscropy, etc. 8 Pathologic anatomy 9 Postmortem examination

- .1 Diseases of circulatory system
- .11 Membranes of the hart
- .12 Hart Angina pectoris
- .13 Arteries
- .14 Veins
- .15 Blood
- .2 Diseases of respiratory system
- .201 Croup
- .202 Hay asthma, hay fever
- .203 Influenza, epidemic catarrh
- .204 Whooping cough See also 614.543
- .205 Coryza, catarrh
- .206 Asphyxia
- .21 Nose Naso-pharyngeal space
- .22 Larynx
- .23 Trachea Bronchi Bronchitis Asthma
- .24 Lungs
- .241 Pneumonia, lung fever
- .242 Congestion
- .243 Hemorrhage
- .244 Abscess
- .245 Gangrene
- .246 Phthisis, tuberculosis, consumption See also 614.542
- .247 Embolism and aneurism of pulmonary artery
- .248 Emphysema
- .249 Collapse
- .25 Pleura Pleurisy
- .3 Diseases of the digestiv system
- For diseases of teeth see 617.6
- .31 Mouth: tung, fauces Sore throat, quinsy, mumps  
See also 614.544
- .32 Pharynx Esophagus
- .33 Stomach Gastritis, dyspepsia, vomiting
- .34 Intestins Hernia, diarrhea, constipation, colic
- .35 Rectum Anus Piles
- .36 Liver Gall bladder Jaundis
- .37 Pancreas
- .38 Peritoneum Omentum Mesentery Peritonitis
- .39 Dietetic diseases  
Starft, starvation, scurvy, dyspepsia

DECIMAL CLASSIFICATION

- 616.4 Diseases of lymphatic system and ductless glands**
- .41 Spleen
  - .42 Lymphatics: thoracic duct
  - .43 Thymus
  - .44 Thyroid body Goiter, Graves disease
  - .45 Suprarenal bodies
  - .5 Dermatology Skin diseases**
  - .51 Inflammatory affections
    - Diffuse, papular, scaly, nettlerash, hives
  - .52 Catarrhal, vesicular, pustular Eczema, shingles
    - See also 614.561
  - .53 Disorders of sebaceous glands
  - .54 Hypertrofies Atrofies
    - Corns, warts, white hair, baldness
  - .55 New formations Pigmentary changes
    - Albinism, freckles
  - .56 Disorders of sweat glands
  - .57 Parasitic diseases See 616.96 Parasitic diseases
  - .58 Other skin diseases
    - Chilblain, frostbite, chaps
  - .6 Diseases of genito-urinary system**
    - For diseases of women, see 618
    - .61 Kidneys Ducts Bright's disease
    - .62 Bladder Calculus
    - .63 Urinary disorders Diabetes
    - .64 Male urethra
    - .65 Prostate
    - .66 Penis
    - .67 Scrotum
    - .68 Spermatic cord Testes
    - .69 Functional diseases of male generativ organs Sper-  
matorrhea, impotence
  - .7 Diseases of organs of locomotion**
  - .71 Bones (except spine)
  - .72 Joints (except spine)
  - .73 Spine Curvature
  - .74 Muscles
  - .75 Tendons Fasciæ
  - .76 Bursæ Sheaths of tendons
  - .77 Connectiv tissue
  - .8 Diseases of nervous system**
  - .81 Diseases relating to cerebrospinal circulation Apoplexy
  - .82 Diseases relating to cerebrospinal meninges
  - .83 Structural diseases of brain and cord

MEDICIN: DISEASES

- 616.84 Functional diseases of brain and cord For insanity see 132.1
- .841 Vertigo
  - .842 Paralysis
  - .843 Neurasthenia
  - .844 Spinal irritation
  - .845 Eclampsia, convulsions See also obstetrics, 618.75
  - .85 Neuroses
  - .851 Chorea, St Vitus dance
  - .852 Hysteria See 135 Somnambulism, 132.4 Catalepsy, 132.3 Hypochondria
  - .853 Epilepsy
  - .854 Tetanus, lockjaw
  - .855 Aphasia
  - .856 Anesthesia, hyperesthesia
  - .857 Migrim, sick headache
  - .86 Neuroses due to special poisons
  - .861 Alcoholism See also Dipsomania, 132.7
  - .862 Metallic tremor
  - .87 Diseases of nervs Neuralgia, cramp
  - .88 Diseases of sympathetic system
  - .9 **General diseases**
  - .91 Infectious diseases
  - .911 Eruptiv fevers
  - .912 Small pox See also 614.471 and 614.521
  - .913 Cowpox
  - .914 Chickenpox See also 614.525
  - .915 Measles See also 614.513
  - .916 Rubella, rubeola, rôtheln See also 614.524
  - .917 Scarlet fever, scarlatina See also 614.522
  - .92 Other fevers General works on fevers  
See also 612.57 Animal heat
  - .921 Dengue, breakbone fever
  - .922 Typhus See also 614.526
  - .923 Plague
  - .924 Relapsing fever, famin fever
  - .925 Cerebrospinal fever
  - .926 Simple continued fever
  - .927 Enteric fever, typhoid fever See also 614.511
  - .928 Yellow fever See also 614.476 and 614.541
  - .93 Difteria Cholera Malarial fever
  - .931 Difteria See also 614.512
  - .932 Asiatic cholera See also 614.475 and 614.514
  - .933 Sporadic cholera
  - .934 Epidemic diarrrhea See also 614.517
  - .935 Dysentery See also 614.516
  - .936 Malarial fever See also 614.53

DECIMAL CLASSIFICATION

- 616.94 Septic diseases
  - .941 Phagedena
  - .942 Erysipelas
  - .943 Pyemia
  - .944 Septicemia
- .95 Venereal diseases Hydrophobia, etc.
  - .951 Syphilis See also 614.547
  - .952 Gonorrhoea See also 614.548
  - .953 Hydrophobia See also 614.477 and 614.563
  - .954 Glanders See also 614.564
  - .955 Horsepox
  - .956 Splenic fever
- .96 Parasitic diseases See also 614.55
- .961 Animal parasites
  - See 591.69 Economic zoology; 614.92 Parasites of animals
  - .962 Entozoa
    - .963 Trematoda, flukes
    - .964 Cestoda, tapeworms
    - .965 Nematoda Round worms, thredworms, trichinae
      - See also 614.562
    - .966 Acanthocephala, thornheded worms
    - .967 Insecta parasitica Maggots
    - .968 Ectozaa
      - 1 Insecta parasitica: mosquitoes, gnats, bedbugs, fleas, lice
      - 5 Arachnida parasitica: mites, ticks
      - 8 Suctoria parasitica, leeches
  - .969 Vegetable parasites See 581.69 Economic botany
  - .97 Effects of poisons See 615.9 Toxicology
  - .98 Effects of injuries and climate
    - .981 Presence of foren bodies
    - .982 Mechanical injuries
    - .983 Excessiv exertion and strain
    - .984 Excessiv venery
    - .985 Privation
    - .986 Exhaustion
    - .987 Chemic agents
    - .988 Climate
  - .99 Other general diseases
    - .991 Rheumatism, rheumatic fever Gout
    - .992 Tumors
      - .993 Nonmalignant: cysts, wens
      - .994 Malignant: cancer
    - .995 Tubercle
    - .996 Scrofula Rickets
    - .997 Myxedema Cretinism
    - .998 Leprosy See also 614.546



617 Surgery

May be subdivided by 0 like 610, if wisht

- .1 **Injuries**
- .11 Burns and scalds
- .12 Lightning and electric shock
- .13 Contusions and abrasions
- .14 Wounds
- .141 Incised
- .142 Contused
- .143 Lacerated
- .144 Punctured
- .145 Gunshot See 617.99 Military surgery
- .146 With lodgment of foren bodies
- .147 With complete separation of parts
- .148 Poisons See 615.9 Toxicology
- .15 Fractures
- .16 Dislocations
- .17 Sprains
- .18 Asphyxia
- .2 **Results of injuries**
- Constitutional effects and other complications. See also 616.94 Septic diseases
- .21 Shock
- .22 Inflammation
- .23 Abscess Sinus Fistula
- .24 Ulcers Sores
- .25 Mortification Gangrene
- .26 Traumatic fever
- .27 Tetanus See also 616.854
- .3 **Orthopedic surgery Deformities**
- For convenience the whole subject of deformities is clast here, tho many of them have no surgical treatment. See also 573.8 Dwarfs and giants; 573.9 Monstrosities; 611.012 Teratology; 613.91 Congenital defects
- .31 Incomplete development or growth
- Divided like 611 Anatomy
- .32 Incomplete coalescence of parts: harelip
- .33 Coalescence of parts
- .34 Extension of commissure (Apparent duplication)
- .35 Coalescence of fetuses Siamese twins
- .36 Supernumerary parts or organs: extra fingers or toes
- .37 Disproportionate growth of parts
- .38 Transposition or displacement of parts
- .39 Congenital distortions, including talipes, club foot

DECIMAL CLASSIFICATION

- 617.4 **Surgical operations**
- .41 Circulatory system
- .42 Respiratory system
- .43 Digestiv system
- .44 Glandular and lymphatic system
- .46 Genito-urinary system
- .47 Motor and integumentary system
- .48 Nervous system
- .5 **Regional surgery**
- .51 Hed Trepining
- .52 Face Mouth See 617.6, Dentistry; 617.7, Eye; 617.8, Ear
- .53 Neck Throat
- .54 Chest
- .55 Abdomen
- .56 Pelvis
- .57 Upper extremities Artificial arms, hands, etc.
- .58 Lower extremities Artificial legs, feet, etc.
- .6 **Dentistry Diseases of teeth**
- .61 Diseases of dental pulp
- .62 Diseases of dentin and cementum
- .63 Diseases of dental periosteum
- .64 Malposition and malformation of teeth
- .65 Odontalgia, toothake
- .66 Extraction of teeth
- .67 Stopping teeth
- .68 Transplanting teeth
- .69 Artificial teeth
- .7 **Ophthalmic surgery Diseases of the eye**
- .71 Conjunctiva Cornea Sclerotic Ophthalmia
- .72 Iris Choroid Ciliary body
- .73 Optic nerv Retina
- .74 Lens and its capsule Vitreous humor Affections of  
the globe Cataract
- .75 Disorders of vision  
Myopia, shortsightedness, astigmatism, colorblindness, daltonism. See also  
physiology, 612.845
- .76 Muscular apparatus Lacrimal apparatus  
Strabismus, squint
- .77 Eyelids
- .78 Orbit and neighboring parts
- .79 Artificial eyes

MEDICIN: SURGERY

**617.8 Diseases of the ear**

- .81 Affections of external ear
- .82 Auricle
- .83 Auditory canal
- .84 Affections of middle ear
- .85 Membrana tympani
- .86 Eustachian tubes
- .87 Mastoid cells
- .88 Affections of internal ear
- .89

**.9 Operativ surgery**

See 615.781 Anesthetics

- .91 Armamentaria Surgical instruments
- .92 Orthopedic appliances Splints, trusses, etc.  
See 617.3 Orthopedic surgery
- .93 Surgical dressings
- .94 Amputation Resection
- .95 Plastic surgery
- .96
- .97
- .98
- .99 Military surgery

**618 Diseases of women and children**

**.1 Gynecology Diseases of women**

- .11 Ovary
- .12 Fallopian tube
- .13 Periuterin diseases
- .14 Uterus and cervix
- .15 Vagina
- .16 Vulva
- .17 Functional and symptomatic disorders  
Diseases of menstruation Leucorrhoea Sterility
- .18
- .19 Diseases of breast

DECIMAL CLASSIFICATION

618.2 Obstetrics

- .21 **Pregnancy**      **Physiology**
- .22      Diagnosis      Signs of pregnancy
- .23      Duration
- .24      Hygiene      Management
- .25      Multiple pregnancy: twins, etc.
- .3      **Pathology of pregnancy**  
           *Diseases of pregnancy and their treatment*
- .31      Ectopic gestation      Extra-uterin pregnancy
- .32      Pathology of ovum
- .33      Deth and retention of fetus
- .34      Pathology of fetal appendages
- .35      Decidua
- .36      Placenta
- .37      Amnion
- .38      Umbilic cord
- .39      Abortion      Miscarriage      Stillbirth      Molar pregnancy  
           *See 173.4 Infanticide; 340.6 Medical jurisprudence; 343 Criminal law*
- .4      **Parturition**      **Labor**      **Physiology**
- .41      Mechanism of labor
- .42      Presentations      Positions
- .43      Clinic course and phenomena
- .44      Conduct of normal labor      Management
- .5      **Pathology of labor**  
           Abnormal labor from faults
- .51      of powers      Anomalies of expellent forces
- .52      of passages      Mechanical obstacles to expulsion of fetus
- .53      of child      Abnormalities of fetus      *See 617.3 Deformities*
- Complications**
- .54      Hemorrhage
- .55      Rupture or laceration of genital tract
- .56      Retention of placenta
- .57      Inversion of uterus
- .58      Prolapsus funis
- .59      Other complications

MEDICIN: SURGERY

- 618.6 Puerperal state Physiology**  
Management, including care of child
- .7 Pathology of puerperal state Puerperal diseases**
- .71 Diseases of lactation: milk fever, mastitis, etc.**
- .72 Puerperal fever** See 614.545 Public health
- .73 Metritis Peritonitis** See also 616.38 **Cellulitis**
- .74 Septicemia** See also 616.944 **Pyemia** See also 616.943
- .75 Convulsions** See 616.845 **Eclampsia**
- .76 Puerperal mania** See 132.1 **Insanity**
- .77 Phlebitis Venous thrombosis Phlegmasia dolens**  
See 616.14 **Diseases of veins**
- .78 Other puerperal affections**
- .79 Sudden death after delivery**
- .8 Obstetric operations**
- .81 Application of lever and forceps**
- .82 Version**
- .83 Embryotomy**
- .84 Dilatation of os and cervix**
- .85 Symphyseotomy**
- .86 Cæsarian section**
- .87 Removal of placenta**
- .88 Induction of labor Removal of ovum**
- .89 Intra-uterin injections Antiseptics in midwifery**
- .9 Pediatrics Diseases of children**
- 619 Comparativ medicin Veterinary**
- .1 Horses**
- .2 Cattle**
- .3 Sheep, goats**
- .4 Swine**
- .5 Poultry**
- .6 Birds**
- .7 Dogs**
- .8 Cats**
- .9 Other**

DECIMAL CLASSIFICATION

# 620 Engineering

See also 690 Bilding; 721 Architectural construction

## SUMMARY

- 620.1 Applied mechanics      Engineering materials
- 621 Mechanical engineering
  - .1 Steam engineering
  - .2 Hydraulic engins or motors
  - .3 Electric engineering
  - .4 Air and gas engins and other motors
  - .5 Pneumatic machinery      Refrigerating machines
  - .6 Blowing and pumping engins
  - .7 Mills      Factories      Engineering works
  - .8 Millwork      Hoisting and conveying machinery
  - .9 Machine tools
- 622 Mining engineering
- 623 Military and naval engineering
  - .8 Naval architecture
- 624 Bridges and roofs
- 625 Railroad and road engineering
- 626 Canal engineering
- 627 River, harbor and general hydraulic engineering
- 628 Sanitary engineering
- 629 Other engineering industries
  
- .01 Statistics
- .02 Quantities and cost
- .03 Contracts and specifications
- .04 Designs and drawings
- .05 Executiv
- .06 Working and maintenance
- .07 Laws and regulations
- .08 Patents
- .09 Reports
- .1 Applied mechanics      Engineering materials
  - Class here general works on materials with reference to their fitness in engineering      See also 691 Bilding materials
- .11 Strength of materials      General theory
  - General works considering various materials. For particular materials see 620.12-.19      Provision is made below for classing tests on 2 different bases: 1) by character of test, 2) by material tested. Class under material rather than under test when the two conflict. See also note under 620.112
  - For theory or mechanics of structures see 624; for theories of construction of bildings see 690.1
- .111 General
  - This hed is left for specialists wishing to analyze general works or collect clippings and notes too limited for .11 yet not specific enough to be put with a particular test or material. Libraries are unlikely to need any general hed except 620.11

## ENGINEERING

- 620.112 Tests Factors affecting strength**  
 Kinds of tests. Directions for making various tests, laboratory manuals  
 See note to 620.11
- 1 General: influence of temperature, selection of test pieces, etc.  
 2 Corrosion Wethering Protection against deteriorating influences  
 3 Elastic limit tests: plasticity, fatigue, deformation  
 See also 620.11246 Repeated stress
- 4 Tension, compression, torsion, flexure, shearing  
 Class here combined tests as well as general works covering these tests  
 If wisht, subdivide farther as follows:
- 41 Tensile tests  
 42 Compression tests  
 43 Torsion  
 44 Flexure (transverse) tests  
 45 Shearing tests  
 46 Repeated stress tests
- 5 Impact Repeated shock tests  
 Crystallization and formation of cleavage planes
- 6 Hardness tests  
 7 Special tests  
 Varying for different materials
- 8 Tests on special shapes and forms  
 82 Plates and structural shapes  
 Bars, rods, angles, beams: T, bulb, I, and channel beams
- 83 Columns, bilt columes Tubes, pipes, cylinders  
 84 Rollers Spheres, solid or hollow Ball bearings  
 85 Springs  
 86 Hooks Chains Hoops Rings  
 87 Rivets Bolts Screws Nails  
 Riveted joints of plates
- 88 Wire Wire rope Cables Hawsers  
 89 Other forms  
 9 Other tests
- .12 Tests of timber See note to 620.11  
 .13 Stone Cement Concrete  
 .132 Stone  
 .135 Cement  
 .136 Concrete  
 .137 Reinforced concrete  
 .139 Other: artificial stone  
 .14 Brick, tile, etc.  
 For glass see 666.1 Manufacture of glass, 691.6 Glass as a bilding material.  
 In engineering it is an accessory material not requiring a place under strength tests
- .15 Masonry adhesivs  
 Cement, mortar, plaster of paris, etc. See also bilding materials 691.5  
 Lime, plaster, cement
- .17 Iron and steel  
 .18 Other metals  
 .19 Other materials
- .195 Mineral: asbestos, mineral wool  
 .196 Asphalt Tar  
 .197 Vegetable: paper, hemp, etc.  
 .198 Animal: hair, hide, bone, etc.  
 .199
- .2 Compends Handbooks Kent, Trautwine  
 .3 Dictionaries, cyclopedias  
 .4 Essays  
 .5 Periodicals  
 .6 Societies  
 .7 Study and teaching Instruments  
 .8 Tables and calculations  
 .9 History of engineering

DECIMAL CLASSIFICATION

621 Mechanical engineering

May be subdivided like 620.0 and by form numbers

.I Steam engineering

Subdivide like 620 and 620.0, but use 621.101 as below. Other generalities of steam engineering are in 621.11 and 621.18

.101 Applied thermodynamics

Theory and use of steam in steam engine General energy considerations  
Steam economy

x General

Expansion, entropy; extension of expansion approaching vacuum (condensers) superheating, cylinder condensation, jacketing, etc. For condensers, superheaters, etc. see 621.197

.11 Mechanism of steam engine Design of engine parts

.111 General

.112 Types of engines: structural

Reciprocating engines in general. Types specified below are all reciprocating, except 1 Primitiv and 9 Other

1 Primitiv

21 Single acting

22 Double acting

3 According to transmission of motion

32 Direct connected

33 Indirect: beam connected

4 According to position

42 Horizontal

44 Vertical

45 Oscillating

46 Inclined

5 According to terminal pressure

52 Condensing

In early period called 'low pressure'

53 Noncondensing

In early period called 'high pressure'

6 According to expansion

61 Single expansion

62 Compound

63 Double expansion: cross compound

64 " " tandem "

65 " " angle "

66 Triple expansion

67 Quadruple expansion

9 Other types

95 Steam turbins

Better clast 621.165

96 Rotary engines

Better clast 621.166

.12 Marine engines

For propulsion see 623.8 Naval architecture

.121 General

See also 621.11 and 621.18

.122 Types of marine engines

1 Primitiv

Inventions of Papin, Perier, Fulton, Stevens, etc

2 Beam and side lever engines

4 Horizontal, inclined, vertical engines

5 Oscillating

8 Launch engines

9 Other special engines

.123 Marine steam turbins

See also 621.165



## STEAM ENGINEERING

- 621.13 Locomotives
- .131 Theory of the locomotiv
- 1 Adhesion Tractiv force Horsepower
- 2
- 3 Tests
- .132 Types
- Variations modifying tractiv force and speed, and affecting more than one class of mechanism. For variations in steam apparatus (oil burning locomotivs, etc.) see 621.133 and 621.134
- 1 Primitiv forms
- 2
- 3 Types according to distribution of wheelbase and load
- Express by Whyte nomenclature for wheel combinations
- 5
- 6 Types according to purpose
- 62 Freight or goods engines Hog engin
- 63 Yard, switch or shunting engines
- 65 Passenger engines
- 67 Mountain "
- 68 Mining "
- 69 Other special locomotivs
- 8 Peculiar types
- Combined 'engin and coach wagon'
- 9 Types in different countries
- Subdivided like 940-999; e.g. English locomotivs 621.132942
- .133 Locomotiv boilers Production of steam
- Better clast in 621.18423, as boilers of locomotiv type serv many other purposes For boiler management see 621.193
- 1 Combustion Fuels Petroleum Fuel consumption
- See also 621.18357
- 2 Grate and ashpit Firebox Stays
- See also 621.1835
- 3 Shell and tubes
- 4 Smokebox and stack Spark arresters
- See also 621.1838
- 5 Exhaust pipe
- 6 Dome
- 9 Miscellaneous fittings
- Gage cocks, safety valvs, whistles, pumps, injectors, etc.
- .134 Engin of the locomotiv
- 1 Driving mechanism Cylinders, pistons, rods
- 2 Steam distribution Valvs and valv gears
- 22 Special types of valvs and valv gear
- 3
- 4 Compound principle
- Distribution in compound locomotivs
- 5 Lubrication of locomotiv
- 9 Other parts of locomotiv: throttle, etc.
- .135 Running gear
- .136 Tenders
- 1 Design, weight, brakes, etc.
- 2 Appliances
- 3 Taking water without stopping; track tanks; water scoops
- .139 Miscellaneous parts
- Cowcatcher or pilot, hedlight, whistle, bell, sandbox

DECIMAL CLASSIFICATION

- 621.14 Traction engines Road locomotivs  
 Selfpropelling engines for hauling over roads or ground, or doing other work by locomotion. For railway engines see 621.13. For stationary hauling engines see 621.162  
 Hauling may be accomplit either by engines applying their power directly and moving with the load, i.e. locomotiv (621.13) over rails; or traction engines (621.14) over ground or roads; or by engines applying their power indirectly thru cables, etc. and standing in a fixt position either temporarily (621.15) or permanently (621.16)
- .141 Theory General
- .142
- .143 Boilers  
 Better clast in 621.18423; 621.143 if used is limited to discussion of those suitable to traction engines
- .144 Types Traction engines for special uses
- .145 Compressing machines Steam rollers
- .146 Agricultural: plows, reapers, etc.
- .15 Portable engines  
 Engines that may be moved from place to place, but that remain in a fixt position when working. If selfpropelling, the selfpropulsion is incidental. For fire engines and other pumping engines see 621.64
- .151 Theory General
- .152 Types, structural, etc.
- .153 Boilers  
 Better clast in 621.18423. If used, limited to discussion of those suitable to portable engines
- .154 Portable engines for special purposes  
 Hoisting, dredging, drilling, etc. See also 621.86 Hoisting and convey ing machinery; 621.68 Fire engines; 627.7 Dredge;
- .156 Agricultural: threshers, etc.
- .159 Semistationary engines Various types
- .16 Stationary engines  
 Engines fixt in position; e.g. those running factory machinery, cables, elevators, etc. For management see 621.193. For boilers see 621.18424
- .161 Theory and general
- .162 Types by use: hauling, dredging, etc.  
 For pumps see 621.64. For types clast by engin mechanism see 621.164
- .163 Stationary boilers  
 Better clast in 621.18424 with only reference here
- .164 Types according to characteristics of engin mechanism or steam distribution  
 When mechanism and steam distribution conflict, class according to mechanism; e.g. compound releasing-gear engines 621.1644 rather than 621.1647. Each type may be subdivided like 621.11; e.g. vertical throttling engines 621.1642244
- 1 General
- 2 Throttling engines
- 3 Automatic shaft governor engines
- 4 Releasing gear (Corliss) engines Drop cutoff
- 5 Single acting engines: Westinghouse or Willans type
- 6 Simple engines
- 7 Compound engines, triple expansion, etc.

## STEAM ENGINEERING

621.165

### Steam turbines

See also 621.123 Marine steam turbines

- 1 **Theory**
- 11 Methods of calculation
- 12 Vanes and buckets
- 13 Guide vanes and nozzles
- 14 Stresses in rotor or disc
- 15 Windage
- 2 **Types**
- 22 Velocity turbines
- 23 Pressure turbines
- 24 Combined velocity and pressure turbines
- 3 **Construction Details of design**
- 32 Vanes Buckets
- 33 Guide vanes Nozzles
- 34 Rotor Discs
- 35 Valves, governors, safety devices
- 36 Thrust balancing
- 37 Mass "
- 38 Casing, etc.
- 39 Bearings, etc.

.166 Rotary engines

.169

.18

### Steam generation and transmission

Fuels, furnaces, boilers, piping, power plants  
For steam heating see 697.5

.181

#### General

.182

#### Fuels Combustion

- 2 **Fuels for boiler heating**
- For fuels in general and fuel analysis see 662.6
- 22 Solid fuels: coal, lignite, wood, sawdust, peat
- 23 Liquid fuels: tar, petroleum, alcohol
- 24 Gaseous fuels: gas from blast furnaces, coke ovens; natural gas
- 25 Composit fuels: city refuse, coal dust, trash
- 3 **Fuel consumption**
- Practical experiments with a single fuel
- 4 **Comparativ consumption**
- Practical experiments with various fuel's

.183

#### Furnace Draft

- 1 **General**
- Heating and grate surfaces
- 2 **Types of furnaces**
- 5 **Furnace parts and construction details**
- 52 **Grates**
- 53 Stationary grates
- 54 Shaking, dumping and step grates
- 55 Ashpits Furnace doors
- 57 Burners for liquid fuel
- 6 **Mechanical stokers**
- 62 With traveling grate
- 63 " rocking "
- 64 " step grate (Roney grate)
- 65 " plunger
- 66 " screw
- 7 **Other appliances**
- 77 Pulverized fuel appliances
- 78 Fuel and ash conveyers Ash removers
- See also 621.86 Hoisting and conveying machinery
- 8 **Chimneys Stacks Draft appliances**
- Smoke consumers. For smoke prevention see 621.1941 Firing
- 82 Natural draft Dampers Uptakes
- 84 Induced draft
- 85 Forced draft

DECIMAL CLASSIFICATION

- 621.184 Boilers For boiler plants see 621.19
  - 1 General
    - 13 Boiler economy Tests Feedwater
  - 2 Types
    - 22 Marine
    - 23 Locomotiv, traction, portable
    - 24 Stationary
    - 25 Firetube boilers (tubular)
      - 252 Internally fired
      - 253 Externally "
    - 26 Water tube boilers (tubulous)
    - 27 Flash generators Instantaneous vaporizing boilers
  - 3 Boiler construction Setting Parts
    - 52 Shell Heds Tubesheets Domes Drums
      - Riveted joints, staying and bracing
    - 53 Tubes Ferules Rings
    - 54 Casing
    - 55 Inspection and cleaning parts: man and hand holes, cleanouts, covers
    - 56 Setting and hanging
    - 57 Foundations: masonry, flues, etc.
  - 7 Boiler accessories
    - 72 Water gages, floaters, gage glasses, warning whistles
    - 73 Pressure gages, manometers, safety valvs
    - 79 Other: air cocks and blowout valvs, zincs, steam collectors
- .185 Steam transmission and distribution Piping
  - 1 General; laws of flow, condensation, friction
  - 3 Connections; mains, auxiliary piping
  - 4 Valvs Stop, safety, reducing Pressure regulators
  - 5 Drains and traps Receivers and distributing valvs
  - 6 Covering Insulators
    - Nonconductors for high, low and medium temperatures
  - 7 Joints and cements Expansion joints
  - 8 Utilization of exhaust steam See also 697.5 Steam heating
- .19 Steam boiler and power plants Central stations
  - See also bilding, 697.5 Steam heating; and Boiler, Boilers in Relativ index
- .191 General
- .192 Arrangement and housing of apparatus
  - 5 Provision for enlargement
- .193 Care and management of steam apparatus
- .194 Boilers
  - 1 Firing
  - 2 Feeding
    - Put here general discussion of feeding and feedwater appliances
    - For separate description of appliances see 621.197
  - 3 Treatment of feed water: purification, softening
  - 4 Scale prevention Incrustation
  - 7 Inspection Tests Rating
- .195 Engins: oiling, packing, adjusting
- .196 Duration Wear
  - 5 Corrosion
- .197 Steam plant accessories Economic appurtenances
  - 2 Feedwater appliances
    - Tanks, heaters, economizers, filters, purifiers, regulators
  - 3 Pumps Injectors Return traps
  - 4 Separators
  - 5 Superheaters
  - 6 Condensers and cooling towers
    - 62 Surface condensers
    - 63 Jet condensers
    - 64 Cooling towers
    - 67 Condenser accessories
  - 7 Instruments
    - Indicators, tachometers, gages, dynamometers, thermometers, pyrometers, lubricators, etc.

## ENGINEERING

### 621.2 Hydraulic engines or motors

Industrial use of water as motiv power, including machines run by water under pressure produced by accumulators and also constructions and appliances for distributing and regulating supply of water to motors  
 For hydraulic engineering (dam, breakwater, etc.) see 627; for pumps see 621.6; for reservoirs, aqueducts, etc. see 628.1; for theory of mechanics of liquids see 532

- .21 Water wheels
  - Theory, classification, parts (e.g. paddles, vanes, buckets) water gates, culverts
- .22 Overshot or bucket wheels      Brest wheels
- .221      Overshot wheels of low velocity
- .222      Overshot wheels of high velocity
- .223      Brest wheels      Fairbairn wheels
- .224      Sluice gate or Sagebien wheels
- .23      Undershot or impulse wheels and floating wheels
  - Ordinary undershot wheels
  - .231      Wheels with curvd vanes or buckets      Pelton wheel
  - .232      Vertical impulse wheels
  - .233      Current suspension wheels
  - .234      Floating wheels
  - .235      Floating wheels
- .24      Turbins
  - See also 621.165 Steam turbins
  - .241      General: parts (e.g. distributors, buckets, guide vanes) regulators
  - .242      Reaction or pressure turbins
  - .243      Outward flow
    - Early forms: Barker's mill
  - .244      Inward flow
  - .245      Downward flow
  - .247      Impulse or Girard turbins
- .25      Water pressure engines      Accumulators
- .252      Hydraulic pumps
- .253      Piping for high pressure
- .254      Accumulators
- .26      Hydraulic machinery and appliances
  - For theory see 532.81
  - .262      Funicular engines      Hydraulic tackle
  - .263      Hoists      Elevators      Cranes
    - Class preferably in 621.86; i.e. purpose outweighs motiv power
  - .264      Special handling and lifting machinery for steel works, etc.
  - .266      Presses      Forging and stamping machines
  - .267      Accessories: injection pumps
  - .269      Mining, tunneling and other hydraulic appliances
    - Hydraulic giant, Brandt's hydraulic gun
- .27      Hydraulic rams
  - For theory see physics 532.83
  - .272      Lifting rams      Montgolfier ram, Bolle ram, etc.
  - .273      Pumping rams      Leblanc ram
    - See also 621.64 Pumps
  - .274      Compressing rams      Sommelier ram
- .29      Flood gates      Dams      Mill sluices      Hed and tail races
  - Adaptation to hydraulic motors. For methods and principles of construction see 627.8 Hydraulic engineering

DECIMAL CLASSIFICATION

**621.3 Electric engineering**

001 Statistics; 002 Quantities and cost; 003 Contracts and specifications;  
004 Designs and drawings; 005 Executiv; 006 Working and maintenance;  
007 Laws and regulations; 008 Patents; 009 Reports  
May also be subdivided for form with 0 like 620.1-9

**SUMMARY .**

- 621.31-7 **Hevy current engineering**
  - .31 Generation of electricity
    - .311 General
    - .312 Central stations
    - .313 Dynamoelectric machinery
    - .314 Stationary induction apparatus
    - .315 Electrostatic apparatus
    - .316 Accessories and parts
    - .317 Control and central station wiring
    - .319 Transmission
  - .32 Electric lighting
  - .33 Electric traction
  - .35 Voltaic cells and batteries
  - .36
  - .37 Electric measurements and testing
- .38 **Weak current engineering**
  - .382 Telegrafy
  - .384 Wireless communication
  - .385 Telefony
  - .39 Other applications of electricity

**621.31-37 Hevy current engineering**

- .31 Generation of electricity    Dynamoelectric machinery  
Transformers    Transmission
- .311 General
- .312 Central stations: metropolitan, rural
  - Divided by 001-009 like 621.3 with the following additions to 006:
  - 006 Working and maintenance
    - 4 Operation and running
    - 5 Regulation and control
    - 8 Testing
    - 9 Repairs and renewal
      - Administrativ point of view; a specific repair belongs with the part repaired
- 13 **General central stations**
  - Combined power, traction, light, etc. stations
- 132 Steam driven
- 133 Gas    "
- 134 Hydraulic
- 135 Composit
- 2 **Stations for lighting only**
  - Divided by source of power like 621.31213
- 3 **Stations for traction onlv**
  - Divided like 621.31213
- 5 **Storage battery pressure regulating equipment**
- 6 **Substations**
  - 63 Transformer substations
  - 64 Converter    "
  - 65 Accumulator    "

## ENGINEERING

- 621.313 **Dynamolectric machinery**
- 1 **General; construction, installation**
- 2 **Direct or continuous current machinery**
- 21 Theory
- 22 General types
- 23 Continuous-current generators
  - 2 Series wound    3 Shunt wound    4 Compound wound
- 24 Continuous current motors
  - Subdivided like 621.31323 above
- 245 Constant speed motors
- 246 Multispeed motors
- 247 Adjustable speed motors
- 248 Varying " " (railway motors)
- 25 Continuous-current converters
- 26 Dynamotors and motordynamos
- 27 Compensators or balancers
- 28 Continuous-current boosters
- 29 Other
- 291 Acyclic or homopolar machines
- 3 **Alternating-current machinery**
- 32 General types of alternating current machinery
- 321 Single phase machinery
  - 2 " "
  - 3 " "
- 322 " " "
- 323 " " "
- 325 Other polyphase machinery
- 4 Synchronous machinery
- 41 Theory
- 42 General types
- 43 Alternating-current generators
- 44 Synchronous motors
- 5 Alternating-current converters
- 51 Theory
- 52 General types    Description
- 53 Synchronous converters
- 54 Phase converters
- 55 Frequency converters
- 56 Double-current generator
- 57 Motor converters
- 6 Asynchronous machines
- 61 Theory
- 62
- 63 Induction generators
- 64 " motors
- 65 Series alternating-current motors
- 66 Repulsion motors
- 67 Frequency converters
- 68 Phase converters
- 7 Rectifying apparatus
- 72 Mechanical rectifiers
- 73 Arc "
- 74 Electrolytic "

DECIMAL CLASSIFICATION

- 621.314 Stationary induction apparatus
  - 1 Theory
  - 2 General types and description
  - 3 Transformers
    - 31
    - 32 Constant-current transformers
    - 33 Constant-potential transformers
    - 34 Phase-changing transformers
    - 38 Meter transformers
    - 4 Auto transformers
    - 5 Potential regulators
      - 51 Compensator potential regulators
      - 52 Induction " "
      - 53 Magneto " "
    - 6 Reactors or choke coils
    - 7 Induction coils
- .315 Electrostatic apparatus: condensers
- .316 Details of electric machinery Parts
  - Armatures, field cores, etc.
- .317 Central station wiring Control devices and switchboards
  - For meters and measuring instruments see 621.37
  - 1 General
  - 2 Panels
    - 22 Generator panels
    - 23 Motor " "
    - 24 Feeder " "
    - 25 Transformer " "
    - 26 Converter " "
    - 27 Lighting " "
    - 28 Accumulator " "
  - 3 Switches
    - 31 General
    - 32 Knife switches
    - 33 Dial " "
    - 34 Plug " "
    - 35 Oil " "
    - 36 Circuit breakers
  - 4 Rheostats and control devices
  - 5 Signal devices
  - 6
  - 7 Barriers and compartments
  - 8 Station protectiv devices (fuzes, lightning arresters, etc.)
- .318 Manufacturing processes
  - Processes peculiar to electric machinery and apparatus: e.g. insulating, varnishing, baking, armature stamps and dies



ENGINEERING

- 621.319 **Transmission of electric energy**  
Limited to transmission of current from control to substations (stepdown transformers) and to questions common to all lines. For transmission systems for a special application see subject; e.g. traction lines 621.332
- 1 **General**
  - 12 **Systems**
    - 122 **Direct or continuous current systems**
      - Including 2 wire systems
      - 123 3 wire (or Edison) and other
      - 129 Other direct current systems
    - 13 **Alternating current systems**
      - 131 **Single phase systems**
      - 132 **2 phase (or quarter phase) systems**
        - 3 3 wire system
        - 4 " "
        - 4 " "
      - 133 **3 phase systems**
        - 3 Delta or mesh connections
        - 3 Star or Y connections
      - 139 **Other polyphase systems**
    - 15 **Composit systems**
      - Direct and alternating current combin.d
  - 2 **Lines and conductors**
    - For local wiring see specific application; e.g. electric light wiring 621.328
    - 21 **General**
      - Interaction of parallel lines, heat losses. For traction lines see 621.332; for interior wiring for electric light see 621.328, for telegraf see 621.382, for telephones see 621.385-7
    - 22 **Overhed or aerial lines**
      - 222 **Systems**
      - 223 **Poles: foundations, guys, etc.**
      - 224 **Cross arms Pins**
      - 225 **Towers**
    - 23 **Underground lines**
      - 232 **Systems**
      - 233 **Condits**
      - 234 **Manholes**
    - 3 **Cables and conductors** **Insulating materials**
      - 32 **Uninsulated conductors** **Bare wire**
      - 33 **Insulated** " **Wire and cable**
      - 34 **Cables**
      - 37 **Insulating materials**
        - Leakage Influence of chemic composition
    - 4 **Insulators**
    - 8 **Protectiv devices**
    - 82 **Line lightning arresters**
      - For protection of central stations see 621.3178

DECIMAL CLASSIFICATION

621.32 Electric lighting Illumination

Class here works limited to electric lighting, but more general than any of the subheads below. This number is for matter differentiating lighting from other branches of electric engineering, but not for subjects which lighting has in common with other branches. For generation and control of electricity (including central stations) see 621.37, for transmission and wiring see 621.319, for measuring see 621.37  
For theory of electric light see 537.83 Electric lighting

.321 General

.325 Arc lighting

Including systems and lamps

- 1 General: efficiency, cost, etc.
- 2 Constant-current or series systems
- 3 Constant potential or parallel systems
- 4-5 Arc lighting according to

4 Type of arc

If emphasis is on form of current, class under 621.3255 If there is conflict, prefer 621.3254

42 Open arc

421

422

423

43

431

432

433

5

52

521

522

523

53

531

532

533

6

7

8

82

.326 Incandescent lighting

Including lamps and systems

- 1 General: efficiency, cost, etc.
- 2 Systems (Edison 3 wire system)
- 3 Carbon filament lamps
  - 31 Metalized filaments
  - 32 Other carbon filaments
- 4 Metal filament lamps
  - 41 Platinum filaments
  - 42 Tantalum "
  - 43 Tungsten "
  - 44 Osmium "
  - 45 Other metal filaments
- 5 Glowers of other materials
- 53 Nernst lamps

ENGINEERING

- 621.327 Incandescent vapor lighting and lamps      Other electric lighting
  - 3 Vacuum or incandescent vapor lamps
  - 4 Mercury vapor lamps
    - For mercury rectifiers see 621.3137
  - 5 Carbon vapor lamps      Moore lamp
  - 7 Vacuum lamps for special radiations: Crookes tubes, etc.
- .328 Apparatus at servis end of line
  - 1 Underwriters requirements
    - National electric code
  - 2 House wiring
  - .3 Panels
  - 4 Fuses
  - 5 Insulators, etc.
  - 6 Meters
    - See also 621.37 Electric mesurements and testing
  - 7 Switches
  - 8
  - 9 Other apparatus
- .33 Electric traction
  - See 625 for construction of route; 656 for business management, maintenance; 654 for communication and signals; 699 for car bilding; 725 3 for architecture of stations, terminals, carsheds, shops, round houses, etc. This number is concernd properly only with the apparatus and appliances for transmission and use of the current after it enters the line.
- .33I General
  - 2 Systems
    - 4 Systems according to current
      - 42 Direct current
      - 43 Alternating current
        - 43I Single-phase
        - 432 2 phase
        - 433 3 phase
        - 439 Others
    - 5 Systems according to delivery of power
      - 52 Trolley systems
        - 53 Overhed trolley
        - 54 Underground trolley
      - 56 Third rail systems
        - 562 Unprotected third rail
        - 564 Protected " "
- .332 The line (including track)
  - 1 General
    - Interaction of parallel lines, heat losses, etc. are better clast in 621.31921
  - 17 Feeders and return systems
  - 2 Overhed wire      Trolley lines
    - 23 Catenary suspension
    - 25 Trackless trolley
  - 3 Third rail
  - 5 Underground conductor or contact
  - 6
  - 7 Accessories
  - 9 Other types of line
- .333 Track
  - 1 General
    - 16 Deteriorating influences
    - 167 Electrolysis      Leakage
  - 2 Rails
  - 4 Bonding

DECIMAL CLASSIFICATION

- 621.334 Rolling stock
  - For nonelectric rolling stock see 656 for administration, 699 for construction
  - 2 Locomotiva
  - 3 Motor tramcars
  - 4 Accessories and parts Control systems
    - Motor, controller, current collecting devices, etc. Multiple unit control
  - 5 Locomotiv and car wiring
  - 7 Running gear and other nonelectric details
- .35 Chemic electricity Voltaic cells and generators
  - Primary and secondary
- .351 General
  - E.m.f, counter e.m.f, polarization, weight, capacity; efficiency, life, crumbling, deterioration and detrimental influences; residues
- .352 Parts and accessories of cells and accumulators
  - 1 Containers: jars, trofs, vats, etc.
  - 2 Electrodes and their accessories: positiv and negativ plates or elements
    - Grids, supporting frames, insulating rods, etc.
  - 3 Diaframs and partitions
  - 4 Electrolytes Depolarizers Packing
  - 5 Circulators Conditns and piping
  - 6 Connections Terminals Binding posts
  - 7 Regulating apparatus
  - 8
  - 9 Other apparatus
- .353 Primary cells
  - See also 537.5<sup>1</sup> Voltaic electricity; 541.37 Electrochemistry
  - 1 General
  - 3 Single fluid
  - 4 Double " Hevy current cells
  - 5 Open circuit or nondepolarized
  - 6 Closed circuit or depolarized
  - 7 Accessories and parts
  - 8 Classification according to use or operating methods
- .354 Accumulators or storage batteries
  - Secondary cells and batteries
  - 1 General
  - 18 Care and handling of accumulators
  - 7 Accessories and parts
- .355 Led accumulators
  - 1 General
  - 18 Care and handling
  - 2 Naturally formd: Planté type
  - 3 Artificially formd: Faure type
  - 4 Combined Planté-Faure types
  - 5 Other led accumulators
  - 52 Complex oxid types
  - 55 Led element accumulators
  - 56 Copper led "
  - 57 Zinc " "
  - 58 Cadmium " "
- .356 Alkalín accumulators
- .357 Other types of accumulators
  - Thallium, gas, etc.
- .358 Other classifications of accumulators
  - According to use or operation
- .359 Other topics pertaining to chemic generation of electricity
- .36 Vacant for future use; perhaps for direct transformation of heat or fuel energy

ENGINEERING

- 621.37 Electric measurements, meters and testing
  - .371 General
    - Tariffs may be class here, tho better put in 654
  - .372 Standards Calibration of instruments
  - .373 Meters General types
    - Recording meters. See also special meters, 621.384
    - Prepayment meters. See also special meters, e.g. 621.3745 Watt hour
  - .374 Special meters and measurements
    - 2 Resistance meters: inductance, capacity
      - Wheatstone bridges, ohmmeters, resistance boxes
    - 3 Potential meters: voltage
      - Voltmeters, electrometers, standard cells
    - 4 Intensity meters: current
      - Galvanometers, ammeters, coulometers, Ampère-hour meters
    - 5 Quantity or work meters Watt-hour meters
    - 6 Power meters Watt meters
    - 7 Frequency meters Oscillograps
    - 9 Other meters and measurements
    - 91 Phase meters Power-factor meters Synchronizers
  - .379 Other electric mesuring instruments
    - For other than electric measurements; e.g. electric thermometers
    - Weak current engineering**
- .38 Electric communication: telegrafy, telefony, wireless
  - Libraries have too much material class in 654 to make it practicable to abolish that number for construction and instruments; but for electric engineers and new libraries who prefer it, the detaild technical classification is developep here.
  - For overhed or underground lines see 621.3192
- .381 General
- .382 Telegrafy Systems
  - When systems and instruments conflict, classify according to systems.
  - For business administration, see 654; for wireless see 621.384
  - 15 Codes
    - 152 Morse
    - 153 Continental
    - 154 Phillips (press code)
    - 2 A B C, dial, needle telegraf, etc.
    - 21 Early experimental forms
    - 22 A B C
    - 23 Dial
    - 24 Needle
    - 25 Pointer
    - 29 Other
  - 3 Hand operated code telegrafy
    - 31 Simplex
      - 311 Open circuit
      - 312 Closed circuit
    - 32 Duplex
      - 321 Differential duplex systems
      - 322 Stearns duplex
      - 323 Polar duplex
      - 325 Bridge duplex systems

DECIMAL CLASSIFICATION

- 621.382 34 **Quadruplex**
- 35 **Multiplex**
- 36 Synchronous multiplex: Delany
- 37 Harmonic " Gray
- 4 **Automatic code telegraf High speed systems**
- 41 Electrochemic automatic: Bain, Morse
- 44 Ink recording or embossing
- 45 Wheatstone
- 46 Pollak-Virag
- 47 Telepost (Delany)
- 5 **Printing telegraf**
- 51 Tape printing: stock tickets
- 53 Other tape printing: Hughes
- 55 Page printing: Buckingham, Murray, Baudot
- 57 Multiple page printing: Rowland
- 6 **Writing telegraf**
- Transmitting and recording characters while being written; Gray's telautograf
- 7 **Facsimile telegraf**
- Sometimes called fototelegraf
- 8 **Submarine cable telegraf**
- 9 **Other wire systems**
- 94 Induction telegraf; from moving trains, etc.
- 95 Combined telegraf and telefony Fantom circuits
- .383 **Telegraf instruments**
- 1 **Transmitting: keys, senders, etc.**
- 2 **Intermediate and accessory: relays, repeaters, switches**
- 21 **Relays**
- 22 Differential relays
- 23 Polarized "
- 24 Repeaters, for simplex; Milliken, Ghegan, Toye, etc.
- 25 " " duplex or quadruplex
- 26 ' Half ' repeaters
- 27 Switches and distributing apparatus
- 28 Protectiv apparatus
- 29 Miscellaneous telegraf accessories
- 3 **Receiving instruments**
- Sounders, recorders, etc. Subdivided, if wisht, like 621.3824-8
- .384 **Wireless electric communication: telegraf, telefony**
- 1 **General**
- 2 **Wireless telegraf Systems**
- 21 Spark telegraf; by free oscillations
- 25 Continuous-train telegraf; by forced oscillations
- 3 **Instruments**
- 31 Sending apparatus
- 35 Antennae, aeriels, and their substitutes
- 36 Receiving instruments and apparatus
- 4 Applications, adaptations, specific installations
- 5 **Wireless telefony systems**
- 6 **Apparatus**
- 61 Sending apparatus
- 65 Aeriels, etc.
- 66 Receiving apparatus
- 7 Applications, adaptations, specific installations
- 8 **Vacant for possible development of visual transmission by wireless**

ENGINEERING

- 621.385      **Telephony      Systems**
  - See also 621.3845 Wireless telephony
  - 1      **General**
  - 2      **Party line**
    - When 2 and 3 or 2 and 4 conflict, 3 or 4 prevails
  - 22      .Series
  - 23      Bridging
  - 24      Selectiv
  - 3      **Intercommunicating systems**
    - Without central switchboard
  - 32      Common return systems; selectiv at each station
  - 34      Radial common return systems; selectiv at one station only
  - 36      2-wire systems; separate returns
  - 4      **Central switchboard systems**
    - Manual; for automatic see 621.3857
  - 42      Local battery or magneto systems
  - 46      Common battery or central energy systems
  - 5      Multiple switchboard systems
  - 6      Trunking      Transfer systems
  - 61      Trunking
  - 63      Transfer systems
  - 7      **Semiautomatic and automatic systems**
  - 72      Semiautomatic
  - 75      Automatic
  - 76      Strowger system (Automatic Electric Co)
  - 8      **Private exchanges**
- .386      **Telephone instruments**
  - Terminal; subscriber's instruments
  - 2      Transmitters
  - 3      Receivers
  - 4      Induction coils
  - 5      Condensers
  - 6      Hook or other switches
  - 7      Call receiving apparatus
  - 8      Call sending
  - 9      Miscellaneous accessories
  - 92      Coin collecting devices
  - 94      Protectiv devices
  - 96      Current supply (local batteries)
- .387      **Central switchboards and other station equipment**
  - 1      **General**
  - 2      **Switchboards, manual**
    - 22      Local battery or magneto
    - 26      Common battery
    - 3      Multiple switchboards
      - Divided multiple
    - 35      Trunks      Transfer boards
    - 4      Trunks and trunking
    - 41      A boards
    - 43      B boards
    - 45      Multiple plug transfer
    - 47      Multiple plug transfer
    - 5      Switchboard parts and accessories

## DECIMAL CLASSIFICATION

- 621.387 6     **Power plant equipment and accessories**
- 62            Accumulators
- 63            Charging generators
- 64            Ringing            "
- 7             **Automatic and semiautomatic switchboards**  
              Including accessories; Subdivided like 621.3857
- 8             **Telephone transmission**  
              For transmission common to other branches of electricity see 621.319  
              Put here only that peculiar to telephony
- 81
- 82            Long distance
- 83            Transposition
- 84            Telephone cable construction
- 85            Loading
- 86            Pupin coils
- 9             **Other central station accessories**
- 92            Distributing frames and racks; main
- 93            "            "            "            "            intermediate or secondary
- 94            Protectiv devices  
              See also 621.3178 and 621.31982
- 96            Meters and counters  
              See also 621.3286 Electric light meters
- .388            Vacant for visual transmission by wire
- .389            **Other electric communication**
- .39            **Other applications of electricity**  
              Subdivide like 600; e.g. electricity applied to mining 621.3922, applied to  
              medicin 621.3915. This place is provided for specialists who prefer to  
              mass all their material under 621.3. Libraries should class rather by pur-  
              pose of the application; e.g. books on electric heating will be more useful in  
              a general library under 697.7 with the question of heating than in 621.3997  
              with a general assortment of unrelated applications. References here show  
              a library's resources on special applications
- .4            **Air and gas engins, etc.**
- .41            Hot air engins
- .42            Comprest or rarefied air or gas engins
- .43            Internal combustion engins
- .431            General theory of internal combustion engins
- .432            Cycles and systems of operation
  - 1            4-cycle systems    Otto cycle
  - 2            2-cycle systems
  - 3            Other and modified systems
- .433            Gas turbins
- .434            Internal combustion engins clast by fuels
  - 1            Engins for gaseous fuels
  - 11           Engins for natural gas
  - 12           "            "    illuminating gas
  - 13           "            "    blast furnace gas
  - 14           "            "    producer gas. For gas producers see 665.8
  - 15           Engins for acetylene gas
  - 2            Engins for liquid fuels
  - 21           Engins for gasolene
  - 22           "            "    kerosene
  - 23           "            "    other petroleum oils
  - 24           "            "    alcohol
  - 3            Engins for solid fuels



ENGINEERING

- 621.436 Special engins or motors
  - Those not limited to a single system or fuel; e.g. description or discussion of Diesel motor. Arrange alfabetically by name of machine
- .437 Parts and accessories of internal combustion engines
- .438 Special applications
  - 3 Selfpropeld machinery
    - Engins for farm machinery, fire engins, roadrollers, etc. See also special machines
  - 4 Selfpropeld vehicles
    - Class here only adaptation and application of internal combustion engins to motor vehicles. See also 629.2 for motor vehicles
  - 5 Motors for small boats
  - 6 " " large vessels
  - 7 Airship motors
    - For airships see 629.15
- .44 Binary vapor engins
- .45 Windmills
- .46 Animal motors Tredmills
- .47 Solar engins
- .49 Power plants and central stations
- .5 Pneumatic machinery Mechanical refrigeration
- .51 Air compressors
- .515 Dry air compressors
- .517 Wet " "
- .52
- .53 Comprest air transmission and distribution
  - .53a Details of transmission Piping, mains, gages, etc. Designs of transmis sion
- .54 Applications for comprest air
  - For pneumatic hoists, etc. see 621.86
- .541 Comprest air motors
- .542 Pneumatic tools: drills, hammers, etc.
  - See also 821.9 Machine tools
- .543
- .544 Special applications in railway servis
- .545 Comprest air locomotivs
- .546 Pumping by comprest air
- .549 Other applications
  - Pneumatic cleaning, sandblasts, tubes
- .55 Rarefied air and vacuum appliances
  - Vacuum cleaners: general discussion and description. See also domestic economy 648.52 Methods of sweeping and dusting
- .56 Refrigeration
  - For cold storage see 664.8
- .564 Refrigerating fluids
- .565 Refrigerating systems and plants
  - 1 Brine system
  - 2 Direct expansion system
- .566 Design Calculation of piping, refrigerating surface, etc.

DECIMAL CLASSIFICATION

- 621.79 Other shops and departments
  - .792 Boiler and sheet metal shops
    - Stamping and punching May be subdivided like 621.71
  - .794 Special process shops
    - Galvanizing, plating, etc. May be subdivided like 621.71
  - .795 Finishing shop
    - Painting, glazing, grinding, buffing, testing. May be subdivided like 621.71
  - .796 Storehouses
    - 2 Materials and supplies
    - 4 Explosives
    - 6 Products Shipping department
  - .798 Department turning out main product
    - Processes and machines Varying for different kinds of factories and provided only for factory use, see note to 621.7. Libraries should leave vacant May be subdivided like 621.71
  - .799 Other minor shops and departments
- .8 Principles of mechanism Power transmission
  - Hoisting and conveying machinery
    - .81 General Principles of mechanism Machine design
    - .82 Journals, shafting, etc.
      - .821 Journals
      - .822 Bearings: ball, roller, etc. Hangers Bearing metals
      - .823 Shafting
        - .8235 Flexible shafting
      - .825 Couplings and clutches Universal joints
        - Friction clutches
      - .826 Shaft brakes
    - .83 Tooth gears and cams
      - .831 General: theory, forms of teeth, tooth curves
      - .832 Efficiency of gears Tests Friction of gears
      - .833 Design of gears
        - 1 Spur gears
        - 2 Bevel and skew bevel gears
        - 3 Worm and spiral gears
          - Screws for transmitting motion, endless screws
      - .834 Construction: gear cutting and casting
      - .835 Chain gearing
      - .837 Ratchet gearing: pawls, dogs
      - .838 Cams
    - .84 Valv motions and gears
      - General, trade catalogs; for special valvs see subjec.
    - .846 Valvs and cocks
    - .85 Machinery and mill gearing
      - Class here transmission by flexible connections
      - .852 Belt connection
      - .853 Hemp rope transmission
      - .854 Wire rope
      - .856 Pulleys Sheaves
      - .858 Friction gearing

ENGINEERING

- 621.86 Hoisting and conveying machinery  
 For dredges see hydraulic engineering, 627.7 Dredging, dredging machinery See also 621.26 Hydraulic machinery: 621.18378 Fuel and ash conveyers
- .861
  - .862 Hoists: blocks and tackle
  - .863 **Mechanical tackle Chain blocks**
  - .864 Winches Capstans Windlasses
  - .865 Power shovels
  - .867 Conveyers Telferage
    - 4 Belt or bucket conveyers
    - 5 Belt: moving sidewalks
    - 6 Bucket: escalators, moving stairs
    - 9 Other conveyers: cash carriers, etc.
  - .868 **Telfers**
    - 4 Selfpropelling
  - .869 Other: jacks, etc.
  - .87 Cranes and elevators
  - .871
  - .872 **Derricks**
  - .873 **Revolving cranes**
    - 621.873-5 may be subdivided like 621.8771-5 by kind of power if wish; e.g. 3 Steam 4 Hydraulic 5 Electric
  - .874 **Traveling cranes**
  - .875 Locomotiv cranes
  - .876
  - 877 **Elevators**
    - 1 Handpower
    - 2 Belt driven
    - 3 Steam, gasoline
    - 4 Hydraulic
    - 5 Electric
    - 6
    - 7 **For special purposes**
      - 71 Passenger elevators
      - 72 Freight "
        - For mines see 622.17-.68
    - 73
    - 74 **Dum waiters Book lifts**
      - Lifts for small objects
    - 8 **Apparatus**
      - 81 Car and guides
      - 82 Power transmitting devices
      - 83 Counterbalancing weights and guides
      - 84 Control devices
      - 85 Safety "
      - 86 Accessories

DECIMAL CLASSIFICATION

- 621.88 Fastenings
- .882 Screws and bolts Systems of screw threads  
For screws for transmitting motion see 621.8333
- .883 Keys and cotters
- .884 Rivets Design of riveted joints
- .89 Friction Lubrication Lubricants
- .9 **Machine tools**  
Manipulation Discussion and catalogs of different kinds and makes of metalworking tools. For manufacture of various tools, see 672. For wood-working tools, see 674 Wood manufactures; also 684 Cabinet making, 694 Carpentry, 736 Wood carving
- .91 Planing and milling machines
- .912 Metal planers, shapers, and slotters
- .92 Grinding and filing Abrasives
- .922 Cylinder and surface grinding machines  
Lapping machines
- .923 Emery wheels
- .924 Filing machines
- .93 Cutting and sawing
- .931
- .932 Metal sawing and cutting machinery
- .94 Turning
- .941
- .942 Metal turning lathes
- .943
- .944 Pipethreading machines
- .945 Boring mills
- .95 Perforating machinery
- .951
- .952 Drilling machinery Drills
- .953
- .954 Reamers
- .955 Tapping machines
- .96 Punching and shearing machinery
- .97 Hammers Riveting tools
- .98 Bending, straightening, and shaping
- .981
- .982 Bending machinery
- .983 Straightening machinery
- .984 Flanging and die press machinery
- .99

## ENGINEERING

### 622 Mining engineering. See also 338.2 Mining products; 332.41 Coin- age metals

May be subdivided like 620 and 620.0; e. g. Societies, 622.06; Reports, 622.009

- .1 Exploration and Prospecting**
- .11 Theory Applied Geology, etc.
- .12 Prospecting. Practical Methods.  
Including Divining Rods.
- .13 Mineral Surveys.
- .14 Mine Surveying.
- .15 Magnetic Surveys.
- .16 Theory of Faults. See 551.87 and 553.19
- .17
- .18
- .19 Mining Prospectuses. See 553.
- 2 Practical Mining.**
- .21 Excavation.
- .22 Quarrying.
- .23 Drilling and Blasting.
- .24 Deep Boring.
- .25 Shaft Sinking.
- .26 Tunneling and Drifting.
- .27 Stopping.
- .28 Timbering. Masonry lining. See also 622.56.
- .3 Working of Mines. Exploitation.**
- .31 Open Workings.
- .32 Hydraulic Mining and Sluicing.
- .33 Coal Mining. See 553.2.
- .34 Metal Mining. See 553.3 and .4.
- .35 Working Thick Deposits.
- .36 Salt Mining. See 553.63.

## DECIMAL CLASSIFICATION

- 622.4 Ventilation and lighting of mines**
- .41 Theory Gases met with, etc.
- .42 Natural ventilation
- .43 Furnaces Steam jets, etc.
- .44 Fans See 621.62
- .45 Airways Stoppings Regulators
- .46 Measurement of ventilation
- .47 Lighting Safety lamps, etc.
- .5 Drainage**
- .51 Theory of infiltration of water
- .52 Natural drainage
- .53 Cornish pumps See 621.6
- .54 Steam pumps See 621.64
- .55 Hoisting of water
- .56 Dams and watertight linings See also 622.28, Timbering
- .57 Acid waters
- .6 Extraction Hoisting and transportation**
- .61 Handling mineral in working place
- .62 Underground roads
- .63 Mine cars Trams, etc.
- .64 Gravity roads and planes
- .65 Trimming and animal haulage See 625.7
- .66 Mechanical haulage
- .67 Hoisting engines Drums Ropes Whims
- .68 Cages Skips Buckets
- .69 Surface transportation  
Including mineral roads, wire ropeways, transshipment, loading and unloading, etc.
- .7 Mechanical preparation Ore dressing**
- .71 Theory Preliminary operations
- .72 Hand dressing
- .73 Crushing Stamping engine
- .74 Screening
- .75 Jigging Ore concentrators
- .76 Slime treatment
- .77 Magnetic separation
- .78 Coal washing
- .79 Dressing works
- .8 Dangers and accidents** See also 613.6 Hygiene; 331.82 Laboring classes.
- .81 Explosions of firedamp
- .82 Mine fires
- .83 Crushing and fall of ground
- .84 Flooding of mines
- .85 Accidents to miners
- .86 Rescue and relief
- .87
- .88
- .89

## 623 Military and naval engineering

For military and naval science, maneuvers, strategy and tactics see 355-359

## SUMMARY

- 623.1 Fortifications: field and permanent
- .2 Siege operations: mines, etc.
- .3 Defensiv operations
- .4 Ordnance and projectiles
- .5 Gunnery
- .6 Military roads and bridges
- .7 Military signals: telegraf, ballooning, etc.
- .8 Naval architecture
- .9 Armor Torpedoes, etc.

- .1 Fortifications: field and permanent
  - .11 Principles of fortification
    - .111 Profiles
    - .112 Plans
    - .113
    - .114 Defilading
    - .115
    - .116 Details: bastions, curtains, glacis, etc.
    - .117 Accessory defenses
      - Flanking defenses; outworks, palisades: moats, obstacles, etc.
  - .12 Construction of permanent fortifications
    - .122 Earthwork
    - .123 Masonry: concrete
    - .124 Armor
  - .13 Systems of forts
    - .131 Central fort
    - .132 Citadel
    - .133 Fortified positions
    - .134 Barrier forts
  - .15 Temporary fortifications      Field works
  - 19 Special forts
    - Divided like 930-999; e.g. history of the fortress of Gibraltar 623.19468
- 2 Siege operations      Mines
  - Class here only engineering operations. For conduct of sieges, see 355.44
  - .21 Siege works
    - Investment, establishing camps
  - .22 Circumvallation and countervallation
  - .23 Establishing parallels and advancing batteries
  - .24 Zigzags      Saps
    - Trenching, blindage, gabionades
  - .25 Breaching batteries      Breaches
    - For assaults see 355.44
  - .26 Land mines and torpedoes
    - See also 623.9 Submarine torpedoes
  - .27 Other means of demolition
    - Firing and exploding devices

DECIMAL CLASSIFICATION

**623.3** **Defensiv operations**

For maneuvers see 355.44

.34 Defense of trenches

.35 " breaches

.36 Countermines

**.4** **Firearms, ordnance and projectils** **Arsenals**

Including ammunition in general and fireworks. For manufacture of explosives see 662. For general history of war customs and weapons, and of ancient engines of war see 399. Class here weapons for gunpowder and similar explosives

.41 Artillery material

Class according to use

.412 Field artillery material

.413 Mountain " "

.414 Landing " "

.415 Siege " "

.416 Fortress " "

Including large guns (fortress, coast and naval) considered together

.417 Coast artillery material

.418 Naval " "

.42 Guns

.421 Guns according to form and construction

See also 623.3 Gunnery; 623.47 Gunmaking

1 Early forms: bombards, culverins, etc.

For blunderbuses and other early forms of small arms see 623.441

2 Guns proper or long cannon

3 Short cannon or howitzers (shell guns)

4 Mortars

5 Guns made in a single piece

6 Bilt up guns

61 Hoopt guns

62 Jacketed guns

63 Hoopt and jacketed guns

64 Wirewound guns

.422 Guns according to mode of loading and operating

1 Muzzleloading guns

2 Breechloading "

3 Rapidfire guns

4 Machine "

48 Multiple tube guns

Gatling guns, Hotchkiss revolving cannon

49 Single tube guns

5 Automatic and semiautomatic guns

Hotchkiss, Maxim, Colt

.423 Form and interior arrangement of guns

1 General plan

2 Outside form

3 Hooping

4 Jacketing

5 Bore

6 Rifling

7 Chamber



ENGINEERING

- 623.424 Breech and firing mechanisms
  - 1 Breech closing apparatus
  - 11 Block
  - 12 Wedge
  - 13 Screw
  - 2 Firing apparatus Vent Vent bushing Firing pin
  - 3 Safety apparatus: gas checks, etc.
- .425 Sighting attachments
  - For detach apparatus, see 623.462
  - 1 Backsight, sliding notch, eyehole, etc.
  - 2 Sight Foresight
- .43 Mounts and carriages
  - Including their parts and accessories
- .431 Field and mountain mounts and carriages
  - 1 Field mounts
  - 2 Mountain mounts
  - 3 Machine gun mounts
  - 4 Caissons and limbers
  - 5 Ammunition chests
  - 6 Battery carriages (i. e. tenders)
- .432 Siege mounts and carriages
  - 1 Siege gun mounts
  - 2 Howitzer mounts
  - 3 Mortar mounts
  - 4 Siege carriages (i. e. tenders)
- .433 Fortress, coast and naval mounts
  - For accessories see 623.435
  - 1 Casemate mounts
    - Pedestal and pivot mounts
  - 2 Barbet mounts
  - 3 Disappearing mounts
  - 4 Turret mounts
- .434 Naval mounts
  - For discussion limited to naval use
- .435 Mechanism of mounts
  - Platforms, circular pintle block and pivots
  - 1 Checks and transoms
  - 2 Chassis and crossed slides
  - 3 Mechanism for maneuvering and going into battery: wheels trucks, rollers
  - 4 Sighting apparatus
  - 5 Recoilchecking mechanism Breeching Vent plug
  - 6 Recoil mechanism Brakes
    - Automatic friction recoil checks
  - 61 Screw brakes
  - 62 Hydraulic brakes
  - 63 Pneumatic "
  - 64 Trail spades
  - 65 Reactionary mechanism
    - Devices for restoring guns to firing position after recoil
  - 71 Spring recuperators
  - 72 Pneumatic recuperators

DECIMAL CLASSIFICATION

- 623.436 Maneuvering appliances
  - 1 Levers, handspikes, roller handspikes
  - 2 Breeching tackle
  - 3 Shot barrows, shell barrows
  - 4 Projectil hoists
    - See also 621.86 Hoisting and conveying machinery
- .44 Small arms
  - Mechanism and military efficiency
  - For small arms practis see 355.5
  - " manufacture of small arms see 683
  - " wepons prior to firearms see 399
- .441 Primitiv forms of firearms
  - Blunderbus, harquebus, etc
- .442 Rifles, muskets, carbines, musketoons
  - Including also bayonet as part of the complete wepon
  - 1 Single shot, muzzleloading
  - 2 " " breechloading
  - 3 Repeating rifles
    - 31 With magazine
    - 32 " loader
    - 4 Automatic guns
- .443 Pistols and revolvers
  - 1 Single shot pistols
  - 3 Automatic pistols
  - 4 Revolvers
- .444 Side arms Cutting arms
  - For halberds, axes, dirks, poniards, and other antiquated forms see 399
  - 2 Swords
  - 3 Bayonets: saber bayonets, sword bayonets
  - 4 Lances
- .45 Ammunition and fireworks
  - Kinds and relativ efficiency for military purposes. For details of manu  
facture of powder and explosivs see 662
- .451 Artillery projectils
  - Including exploder as part of projectil
  - 1 Spheric projectils
    - 11 Solid shot
    - 12 Bombs
    - 13 Shells: early shrapnel
    - 14 Grenades
  - 2 Elongated projectils
    - 22 Case shot: canister and grape
    - 25 Elongated bullets
    - 3 Shells
      - 4 Modern shrapnel
      - 5 Segment and ring shell
      - 6 Incendiary shells
        - For illuminating shells see 623.45446
      - 7 Shells with high explosiv Torpedo shells
      - 8 Armorpiercing shells and other projectils

ENGINEERING

- 623.452 Powders Explosivs  
 See also 662.2 Powder manufacture
- 1 Gunpowder  
 2 Other powders  
 9 Other explosivs
- .453 Fixt ammunition
- .454 Exploding devices and fireworks  
 See also 662 Pyrotechnics, explosivs, matches, etc
- 1 Matches and fuzes  
 11 Slow matches and fuzes  
 12 Quick matches and fuzes  
 2 Exploders  
 21 Percussion caps  
 22 Primers  
 23 Projectil fuzes  
 24 " detonators  
 29 Other exploders, etc.  
 3 Fireworks, bombs, etc.  
 For torpedoes see 623.9  
 31 Incendiary devices  
 32 War rockets  
 33  
 34 Petards  
 35 Camouflets  
 4 Illuminating fireworks  
 41 Links  
 42 Torches  
 43  
 44 Signal rockets  
 45  
 46 Illuminating projectils Star shells
- .455 Small arms ammunition  
 For powder see 623.452
- 1 Spheric bullets  
 2 Elongated bullets Minie ball  
 3 Cartridges Fixt ammunition  
 32 Jacketed bullets  
 35 Prohibited bullets: dum dum or expanding; explosiv  
 Those prohibited by Hague conference
- .46 Artillery accessories
- .461 Battery tools
- .462 Instruments  
 1 Sighting apparatus: rear sight, quadrants. elevating arcs,  
 range scales  
 Range finders  
 5
- .463 Implements: rammers, swabs, levers
- .47 Arsenals  
 Subdivide like 621.7

DECIMAL CLASSIFICATION

- 623.48 Preservation and care of munitions
  - Reception, tests, accidents
  - .481 Preservation
    - 1 Magazines
    - 2 Guns
    - 3 Carriages
    - 4 Small arms
  - .482 Reception Tests Buying
    - 1 Inspection
    - 2 Acceptance tests
    - 3 Function of commissions Experimentation
  - .483 Accidents Explosions; preventiv mesures
    - 1 Accidents to persons
    - 2 " material
    - 21 Accidents to arms
    - 22 " in transit
      - Damage to boats, cars, etc.
    - 23 Accidents to structures
- .5 Gunnery
  - Theoretic and experimental; efficiency of artillery system as a whole. See also 'Projectils' in Relativ index following Tables
  - .51 Theory and strength of guns
  - .52 Interior ballistics
    - Effects of powders; experiments
  - .54 Exterior ballistics
  - .55 Sighting and firing
    - .551 Field and mountain guns
    - .552 Siege guns
    - .553 Fortress, coast and naval guns
    - .554 Naval target practis
  - .56 Effect of projectils
    - .561 On living targets: impact, gases
    - .562 " inanimate targets
      - 1 Earthworks
      - 2 Masonry Concrete
      - 3 Armor
  - .57 Reaction of mounts
    - .571 Rigid rolling mounts
    - .572 " sliding "
    - .573 Theory of braking
    - .574 Mechanically controid recoil
    - .575 Nonrecoil mounts
    - .58 Traction of carriages

## ENGINEERING

### 623.6 Military roads, bridges and bildings

From the special point of view of military servis. For construction in general see 690.1 and 721; for bridges, roads and railways see 624 and 625; for seacoast walls, see 627 Hydraulic engineering

#### .61 Military bildings

Duplicating 725.18 for military engineers. Libraries should use 725.18 and leave 623.61-.614 vacant; for construction of fortifications see 623.1

.611

.612 Barracks

.613 Military establishments

Groups of bildings forming a unit; e.g. military schools, army posts

.614 Magazines

.62 Military roads and thorofares

See also 625.7 Construction of roads

.63 Military railways

See also 625 Railway construction

.631

.632 Destruction of tracks

.633

.634

.65 Military bridges

For permanent bridges see 624

.651

.652 Pontoon bridges

.653 Trestle bridges

.654 Other temporary bridges

.66 Bridge material

.7 Military signals Aeronautics, etc.

Special military applications of science

.71 Military topografy

Special processes and instruments. See also 526 Topografy in general

.72 Photografy

Reproductiv processes applied to military art. See also 770 Photografy

.73 Signaling Military telegrafy

.731 Visual signals: heliografs, searchlights, etc.

.732 Military telegrafy

Both wire and wireless. See also 621.382 and 654 Telegrafy

.733 Military telefony

Both wire and wireless. See also 621.385 and 654.6 Telefony

.74 Military aeronautics

For principles see 533.6 Aeronautics: for construction of airships see 629.13  
Class here only military utility

.741 Machines lighter than air

.742 Free balloons

.743 Dirigible balloons

.744 Captiv balloons

.745

.746 Machines hevier than air: aeroplanes

.749 Other

.75 Military sanitation

Camp sites: soil, water, drainage, etc. For personal hygiene see 613 6

DECIMAL CLASSIFICATION

- 623.8 Naval architecture Shipbilding**  
 Including warship accessories. Class here comprehensiv works on shipbilding. Subdivide with 001-009 and 02-09 like 620. For ship design and theory see 623.81 Design; for principles of flotation see 532.3 Floating bodies
- .81 **General Design**  
 Class here also separate discussion of such general questions as flotation, displacement, stability, strength, resistance, propulsion and design; i. e. speed and power, coal endurance and steaming radius, passenger or cargo capacity, etc.
  - .82 **Types of ships and boats**
  - .821 **Primitiv and early forms**
  - 2 **Rafts, catamarans, dugouts; galleys**
  - .822 **Modern sailing vessels**
  - 5 **Caravels, sailing yachts, etc.**  
 See also 797 Yachting; 623.824 Power yachts
  - .823 **Engin driven vessels**  
 Steam, internal combustion, electric, etc.
  - 2 **Tugs and lighters**
  - 4 **Ferry boats: passenger, freight and train**
  - .824 **Passenger and cargo vessels**  
 River, lake or ocean liners; power yachts, etc. For tugs, ferryboats, small motor boats, etc. see 623.823
  - .825 **Warships**  
 Fighting vessels: battleships, cruisers, gunboats, monitors, torpedo boats, submarines. For sailing men-of-war see 623.822
  - .826 **Other government vessels**  
 Transports, hospital ships, store and fuel ships (supply, food, refrigeration, ammunition ships; colliers, oilers, mineplanters, etc.) repair ships, lightships and lighthouse tenders, police boats, revenue cutters, fish commission boats, fireboats, etc.
  - .828 **Other power vessels**  
 Ships for cable laying, icebreakers, trawlers, etc. For dredges see 627.7
  - .829 **Other boats**  
 Flatboats, scows, lighters, canal boats, barges, rowboats and canoes, lifeboats, surf boats
  - .83 **Appliances peculiar to shipbilding**  
 Model tanks and experiments, including also Froude's tests on full size ships; launching ways and launching; dry or graving docks; moldloft and scribeboard
  - .84 **Hull and its accessories**  
 Structural: watertight compartments; systems of construction (wood, composite, iron and steel), structural details (framing, bulkheds, etc.)  
 Nonstructural: joinery, nonstructural decks
  - .85 **Hull accessories: masts and spars; rudder and steering gear; drainage, etc.**  
 Lighting, ventilating, heating, refrigerating; electric plant and lighting for ship installation only; see also 621.3 Electric engineering  
 Ship fittings: doors, hatches, etc.
  - .86 **Equipment and outfit**  
 Superadded, not bilt in, but necessary for effectiv use of ship  
 Sails and rigging; anchors, chains, hawseers, compasses, sounding machines, speed logs; boats, rafts, life preservers, buoys  
 Furniture, saloon and cabin furnishings; table and galley (kitchen) outfit.  
 See also domestic economy, 645
  - .87 **Propelling machinery**  
 Vibration and balancing. For theory of propulsion see 623.81  
 See also 621.12 Marine engines; 621.105 Steam turbines; 621.18 Boilers
  - .9 **Armor and armament**  
 Distribution, armoring; proper hight, etc; battery  
 For manufacture of armor plate see metallurgy, 669.1 Iron and steel
  - .95 **Torpedoes** Launching tubes and other accessories

## 624 Bridges and roofs Viaducts

Subdivide if wisht like 620.1-.9 and 620.0

- .1 General**
- .12 Purpose**  
Highway, foot bridges, etc. regardless of structural type
- .13**
- .14 Location Approaches**
- .15 Foundations**  
General works Foundations of bildings are better clast 721.1
- .151 Foundation bed Nature of soil**
- .152 Excavation, timbering, shoring**  
624.153-.157 may be subdivided like 721.13-.17
- .153 Material for bilding foundations**  
For material for superstructure see 624.01
- .154 Pile foundations: general Material**
- .155 " " methods of sinking**
- .156 Platform foundations**
- .157 Subaqueous foundations**  
Processes: cofferdam, caisson, freezing
- .16 Piers and abutments**  
Wood, masonry, metal. Subdivided like 620.1
- .17 Stresses and strains**  
General; if limited to a special type, class with that type
- .171 General Computation of stresses**
- .172 Loads**  
Ded, live or moving loads
- .173 Highway**
- .174 Railway**
- .175 Wind pressure**
- .176 Working stresses**
- .2 Girders and girder bridges**  
Including floor systems; see .25 below
- .21 Girders**  
Continuous; discontinuous or independent
- .22 Solid beams**
- .222 Wood**
- .227 Metal**
- .23 Plate girders Lattis girders**
- .24 Trestles**
- .25 Floor systems**
- .27 Girder bridges**
- .3 Trusses and trussed bridges**  
Constructed of systems of braced girders
- .31 Simple truss**
- .32 Continuous truss**
- .33 Cantilever truss Balance bridge**
- .4 Tubular bridges Box-girder bridge**

DECIMAL CLASSIFICATION

- 624.5 Suspension bridges**
  - .52 Flexible Rope bridge
  - .53 Rigid
  - .55 Cables
  - .56 Towers or piers
  - .57 Anchorage
  - .6 Arch bridges**
    - .62 Wood
    - .63 Masonry
      - Stone, brick, concrete, reinforced concrete
    - .67 Metal: iron and steel
    - .68 Hinged arch
    - .7 Compound structures**
      - Structurally compound; e. g. plate girder and suspension, trussed arch
    - .8 Movable bridges Drawbridges**
      - .82 Bascule: counterpoise, folding
      - .83 Swing: pivot, swivel, turning
      - .84 Lifting
        - Whole bridge lifted vertically
      - .85 Rolling
        - Floating; see also 624.87
      - .86 Aerial and other traveling bridges
      - .87 Pontoon bridges: floating, boat or raft
    - .9 Roofs**
      - For other relations see Roofs in Relativ index
  - 625 Railroad and road engineering**
    - May be divided by 0 and 00 like 620. For railway operation see 656
    - .1 Way and works**
      - .11 Route**
        - Reconnaissance, preliminary and locating surveys; center line; grades; curvs; switchbacks
      - .12 Permanent way Roadbed**
        - Earthwork: surveys, computation, classification, cuts and fills. Drainage
      - .13 Structures: tunnels, culverts, snowsheds**
        - Class here general works on tunnels; see also mining 622.26
        - For bridges and trestles see 624; for transportation bildings see 725.3
      - .14 Track: ballast, ties and tieplates, strains**
        - Including general works covering also rails and their accessories
      - .140 Monorail tracks
      - .15 Rails and accessories
        - Rail braces, rail joints, chairs, track bolts, nut locks, spikes
      - .16 Track accessories
        - Turnouts, switches, sidings, bumping posts; crossings; signals; turntables; ashpits, track tanks; cattle gards
      - .17 Road maintenance and repair Materials
      - .18 Road equipment
        - Fences, gates, platforms, track scales, yards, etc. Stations, depots, shops, etc. consider as road accessories
        - For stations, depots, roundhouses, etc. see 725.3
        - For shops see 621.7
      - .19 Other topics



## ENGINEERING

- 625.2 Trains and accessories**  
Interrelations of road and rolling stock; strain and wear  
For car bilding see 699 For time tables, traffic, etc. see 656
- .21 Running gear**  
Trucks, bogies and Bissell bogies; wheels, axles, tires, balancing; axle boxes and gards; lubrication  
Suspension, bearing springs
- .22 Cars** See also 699 car bilding  
Transverse section of car and track gage  
Effect of length of car in rounding curves
- .23 Passenger cars**
- .24 Freight and combination cars**
- .25 Brakes** Buffers and couplings
- .26 Power requirements**  
Length and weight of trains. Speed  
See also 621.13 Steam engines; 621.3342 Electric engines; 621.43 Gas engines
- .27**
- .28 Monorail rolling stock**
- .3 Inclined and mountain railways**
- .32 Funicular railways.**
- .33 Rack railways**
- .4 Elevated and underground roads, subways**
- .5 Cable roads**
- .6 Street railways, tramways**  
See also 621.33 Electric traction; 625.4 Elevated and underground railways; 625.5 Cable roads; 699 Carbilding
- .7 Roads, highways, streets**  
See also local government, 352.7 Streets, highways; for pavements see 625.8
- .71 Road systems**
- .711 Rural**
- .712 Urban**
- .72 Location**  
Preliminary and locating surveys Grades Curvs
- .73 Roadbed, foundation**  
Earthwork Subsurface drainage
- .74 Dirt roads** Crowning Drainage
- .75 Surfacing** Oil and other binders
- .76 Maintenance and repair**
- .77 Trees** Parkings
- .78 Subsurface condits, pipes, etc.**  
Sewers; water, steam and gas pipes as affecting roads
- .79 Other topics**

DECIMAL CLASSIFICATION

- 625.8 **Pavement**
  - .81 Flagstone
  - .82 Stone blocks and brick
    - Including cobblestone. Requirements of paving stones
    - For vitrified brick see 625.87
  - .83 Wood pavements Corduroy, plank, blocks
  - .84 Concrete pavements
  - .85 Asphalt
  - .86 Stone roads
    - Macadam, telford and other broken stone processes
  - .87 Metal, vitrified brick, reinforced blocks
    - For other brick pavements see 625.82
  - .88 Sidewalks May be divided like 625.81-.87
  - .888 Curbs
  - .89 Other topics
  - .9 Ship railways
- 626 **Canal engineering**
  - .1 Route
  - .2 Water supply
  - .3 Size and shape
  - .4 Locks
  - .5 Lifts and inclined planes
  - .6 Canal boats: size, shape, etc. See 623.829 Shipbuilding
  - .7 Towing; power, etc.
  - .8 Irrigation canals and other irrigation works
  - .9 Ship canals
- 627 **River, harbor, and general hydraulic engineering** See also 624.157 and 721.17 Subaqueous foundations
  - .1 Rivers: force of water, discharge, bars
    - River improvement
  - .2 Harbors Breakwaters
  - .3 Docks Piers Quays Shipping facilities
  - .4 Dikes and levees, embankments
  - .5 Other protection and reclamation of land from tides and waves, drainage For agricultural drainage see 631.6
  - .6 Jetties
  - .7 Dredging Dredging machinery
  - .8 Dams
  - .9 Lighthouses Buoys
- 628 **Sanitary engineering Waterworks**
  - .01 Theories, utility .02 Compends .03 Dictionaries .04 Essays .05 Periodicals .06 Societies .07 Study and teaching .08 Polygraphy .09 History and description of sanitation and general sanitary works, divided geographically like 930-999
  - .1 Water supply of towns For isolated supply see 628.7
  - .11 Sources of water supply
    - Lakes, rivers, springs, wells, and pumping
  - .12 Pumping vs gravitation systems
    - Pump well, standpipe, high servis, Holley system

## ENGINEERING

- 628.13 Storage and servis reservoirs
- .14 Conditis, aqueducts, tunnels See 625
- .15 Mains and servis pipes Freezing, iron, led
- .16 Impurities and their removal: filter basins, etc.
- .17 Public (sprinkl ng, fire, flushing), manufacturing, and domestic use and waste; meters
- .2 **Sewerage works**
- .21 Sewerage systems
- .211 Combined system
- .212 Separate system
- .213 Liernur system
- .214 Shone system
- .215 Berlier system
- .216 Other systems
- .217 - Outfall
- .218 Depth and alinement
- .219 Grade and velocity
- .22 Shape and size of sewers
- .221 Stormwater flow
- .222 Ordinary flow
- .223 Circular section
- .224 Ordinary eg shape
- .225 Other eg shapes
- .226 Other forms
- .228 Formulas for size
- .23 Ventilation of sewers
- .231 Openings in streets
- .232 Lamp posts
- .233 Flues in houses
- .234 Pipes on houses
- .235 House drains
- .236 Chimneys and furnaces
- .237 Charcoal and chemicals to deodorize sewer gas
- .238 Special mechanism
- .239 Special construction
- .24 Design and construction of sewers
- .25 Sewer appurtenances
- .251 Junctions
- .252 House connections
- .253 Manholes and lampholes
- .254 Flushing shafts and fixtures
- .255 Catch basins and inlets
- .256 Traps and ventilators
- .257 Valvs and penstocks
- .258 Overflows and regulators
- .259 Miscellaneous

DECIMAL CLASSIFICATION

- 628.26 River crossings
- .27 Intercepting and outfall sewers
- .28 Reservoirs and tank sewers
- .29 Pumping stations
- .3 **Sewage and its disposal**
- .31 Physical properties of sewage
- .32 Deodorization and disinfection of solids and liquids  
     See also 628.237
- .33 Subsidence
- .34 Precipitation
- .341 Precipitation tanks
- .342 Mixing machinery
- .343 Filter presses
- .344 Precipitation by salts of alumina
- .345 By lime
- .346 By salts of iron
- .347 By other methods
- .348 Disposal of sludge
- .349 Miscellaneous
- .35 Filtration
- .36 Irrigation
- .361 Broad irrigation
- .362 Ridge and furrow irrigation
- .363 Flatbed irrigation
- .364 Subsurface irrigation
- .365 Intermittent downward filtration
- .366 Carriers and appurtenances
- .367 Drains and drainage of sewage farms
- .368 Filtration areas
- .369 Miscellaneous
- .37 Sewage farming      Required modifications of ordinary  
     methods
- .38 Sewage manures      See also agriculture, 631.8425
- .39 Discharge into sea, etc.
- .4 **Sanitation of towns**
- .41 Middens and privies
- .42 Pail systems
- .43 Earth closet systems
- .44 Domestic ashes, garbage and refuse
- .45 Public urinals and latrines
- .46 Street cleaning and sprinkling
- .47 Pavements and subways
- .48 Trees in streets and squares
- .49 Manufacture of fertilizers from town wastes

## ENGINEERING

### 628.5 Industrial sanitation

- .51 Factories and trades
- .511 Prevention of dust and fumes
- .512 Protection of throat and eyes
- .513 Protection against infection
- .519 Special trades
- .52 Effluvium nuisances
- .521 Situation of works
- .522 Use of high chimneys
- .523 Condensation in water
- .524 Combustion in furnaces
- .529 Special trades
- .53 Smoke nuisance
- .538 From steam generators
- .539 From special industries
- .54 Disposal of solid and liquid wastes
- .541 Discharge into streams
- .542 Absorbing wells and burial
- .543 Clarification by subsidence
- .544 Chemical treatment
- .545 Filtration
- .546 Purification by the soil
- .549 Special methods and special trades
- .6 House drainage
- .7 Rural water supply: villages and country houses
- .8 Ventilation and heating
  - This head is chiefly for ventilation. Most matter on heating goes in 697
  - See also Heating, Ventilation, in Relative index following tables
- .9 Lighting

For other relations and applications see Lighting in Relative index

### 629 Other branches of engineering

- .1 Automotiv industries
  - Air, land, water, treated together; for water craft alone see 623.8
- .13 Aeronautics Aerial navigation
  - Usual form division .09 to include general accounts of voyages, but class special voyage with type of machine used
- .141 Aerostatics
- .142 Aerodynamics, bird flight, soaring
- .143 Meteorologic conditions; wind currents, etc.
- .144 Aerodromes, flying grounds, parks
  - Experiment stations, landing places, sheds, hangars
- .145 Navigation
  - Atmospheric roads, airways; aerial maps, topography; airsickness; disasters
- .148 Laws, international and local

DECIMAL CLASSIFICATION

- 629.15 Aircraft lighter than air      Aerostation
- .151 Nondirigible
  - Hot air balloons, montgolfières; pilot balloons; balloon sonde; kite and captiv balloons
- .154 Dirigible      Airships
- .155      Rigid
- .156      Semirigid
- .157      Nonrigid
- .16 Construction
  - Gas envelop, material
    - Balloon fabrics, netting, gas used, apparatus for inflation
  - Car or basket, cabin, seats
    - Method of attaching to gas envelop
  - Motors
    - See 621.4387
  - Propellers
  - Steering apparatus
  - Balancing: gyroscope
  - Landing apparatus: anchors, parachutes
- .164
- .165
- .166
- .167
- .17 Aircraft hevier than air      Aviation
- .171      Kites
- .172      Gliders
- .173      Monoplanes
- .174      Biplanes
- .175      More than 2 planes
- .176      Helicopters
- .177      Ornithopters or orthopters
- .179      Special adaptations: hydroaeroplanes. aviets
- .18 Construction
  - Structure
    - Planes, wings, ailerons, etc.
  - Seats, cabin, etc.
  - Motors
    - See 621.4387
  - Propellers
  - Steering apparatus
  - Stability, balancing apparatus
  - Starting and landing apparatus
- .181
- .182
- .183
- .184
- .185
- .186
- .187
- .19 Applications of aeronautics
- .2      **Motor vehicles, automobiles**
  - Mechanically propeld and motor vehicles for highways: bicycles, motor cycles, etc. For highway vehicles for separate tractors (animal or mechanical) see 684

## 630 Agriculture

## SUMMARY

- 631 Farmstead Soil
  - 632 Hindrances
  - 633 Field crops
  - 634 Fruits Vinyards Forestry
  - 635 Garden crops
  - 636 Domestic animals
  - 637 Dairy and dairy products
  - 638 Bees, silkworms, etc.
  - 639 Hunting, trapping, fish culture
- .1 Rural life**  
 Rural exodus. Improvement of country life conditions
- ..2 Compends**
- .23 Agricultural physics**
- .24 " chemistry**
- .28 " botany**
- .29 " zoology**  
 Only for general treatises. Those relating to a special subject ar clast with the subject: e. g. chemistry of milk 637.127
- .3 Dictionaries, cyclopedias**
- .4 Essays**
- .5 Periodicals**
- .6 Societies, clubs, conferences**
- .61 Official institutions; government departments**
- .62 Voluntary associations**  
 Not under government control
- .621 International (International institute of agriculture)**
- .624-9 Associations divided by country**  
 Subdivided like 940-999: e. g. 630.6244 French agricultural societies, 630.6273 Patrons of Husbandry, including state and local granges; Farmers alliance, etc.  
 Societies of limited scope ar clast with their subjects; e. g. horse breeders associations 636.106
- .63 Congresses, conferences, temporary organizations**
- .7 Study and teaching**  
 For agriculture as a school subject see 375.63; for school gardens see 372.36
- .71 Instruction, schools**
- .711 Colleges** Alfabetic; but may be subdivided like 940-999 if preferd
- .712 Schools** Arranged like .711 colleges
- .713 Short courses**
- 2 Summer**
- 5 Winter**
- .714 Correspondence courses**
- .715 Institutes** Farmers institutes
- .716 Courses in nonagricultural institutions**
- .717 Extension work**  
 County agent, boys and girls clubs
- .719 Other instruction**
- .72 Research work** Experiment stations
- .74 Museums, exhibits**
- .77 Special pedagogic methods**
- .775 Normal training classes**
- .79 Competitions, prizes, etc.**
- .9 History, divided like 930-999**

## 631 The farm, farmsted Soil

## SUMMARY

- 631.1 Farm economics
  - .2 " buildings
  - .3 " machinery and tools
  - .4 Land, soil, soil chemistry
  - .5 Tillage and farm operations
  - .6 Drainage and reclamation
  - .7 Irrigation and conservation of moisture
  - .8 Fertilisers
  - .9 Climate, roads, etc.
- .09 Geographic distribution of cultivation
- .091 Zones and physical regions
  - 1 Arctic regions
  - 2 Temperate zone
  - 3 Tropics
  - 4 Mountains
- 631.1 Farm economics
  - Farm and estate management
  - .11 Selecting and acquiring a farm
    - Land settlement guides
    - Location: nearness to market; means of communication, by water, by land (railways, highways), climate and rainfall
  - .112 Purchase
    - Cost, valuation, taxes
  - .113 Rent
  - .114 Share systems (Métayage)
    - See also 631.1153
  - .115 Systems of working a farm
    - 1 Owner his own farmer
    - 2 By a manager
    - 3 Share system
      - From owner's point of view
      - See also 631.114 from worker's point of view
    - 4 Renting
      - From owner's point of view
      - See also 631.113 from renter's point of view
  - .116 Scale of farm
    - 1 Large farm
    - 2
    - 3 Small farm (One-man farm)
  - .12 Laying out farm
    - Locating bildings, fields, farmsteds, roads and lanes
  - .13
  - .14 Types of farms
  - .141 Crop farm
  - .142 Vegetable farm
  - .143 Fruit "
  - .144 Woodlands
    - See 634.9 Forestry
  - .145 Stock farm
    - See 636 Domestic animals; 637.113 Dairy farms
  - .146 Fish culture in ponds
    - See 639 Hunting, trapping, fishing



AGRICULTURE

- 631.16 Finances and accounts      Bookkeeping records
- .17      Expenses
- .171      Buying supplies      Purchases
- .173      Wages
- .175      Insurance: bildings, stock, crop  
            See also Insurance business 368.5
- .177      Packing, shipment  
            For methods see 631.564
- .18      Returns      Selling products
- Marketing
- .2      Farm bildings
- For architecture, see 728.67 Farm houses; 728.9 Outbildings
- .21      Houses      Dwellings
- .22      Barns      Poultry houses      Stables
- .23      Granaries      Silos
- .24      Carriage houses
- .25      Machine sheds
- .26      Other bildings
- .27      Fences, walls, hedges
- .28      Roads, bridges, etc.
- .3      Farm machinery      Tools, appliances, etc.
- Care and repair of farm machinery
- .31      Clearing and soil working: general tools
- .311      Digging tools, machines, etc.
- I      Spade: turf, ditching, post, poliaht-drain, longhanded garden  
            spades
- Shovel: prongd shovel For steam shovel see 621.865
- Spud
- 2      Small too's
- Trowel, for mason's trowel see 693. Dibble, dibber or dibbler. See  
            also seeders
- 3      Posthole digger
- Posthole auger or borer. Spudding bit
- 4      Forks; for digging, etc.      Dung-fork
- For hay forks, pitchforks, see 631.3535
- 5      Digging machines
- Spaders, rotary spaders, horse shovel, road scraper
- 6      Crow or crowbar
- Pick. See also mining picks 622.
- Pickax, mattock, grubbing hoe, grubbing ax
- 7      Stump extractor or puller      Stone gatherer      Bush sithes
- .312      Plows
- I      Common plow; walking plow; hand plow
- 2      Riding plow; sulky plow
- Double plow, double-furrow plow, 2-furrow plow
- 3      Balanst plow      Gang plow, multiple-furrow plow
- Power plow
- Steam plow, traction engin, stationary engin; oil or gas engin; electric

DECIMAL CLASSIFICATION

- 631.3124      **Reversible plow, turning moldboard plow**  
                     Sidehil or hilside plow, turn-wrest plow, one-way plow, drill plow, also  
                     sometimes called double plow and swing plow
- 5      **Breaking plow**  
                     Paring plow, sod plow, prairie plow, skim plow
- 6      **Pulverizing plow, stubble plow, digging plow**  
                     Subsoil plow, mole plow
- Double mold board plow, doublebreasted plow**  
                     Middle "buster" or burster, middle breaker
- 7      **Other special plows**  
                     Vinyard plow                                  Stump jumper, or stumpjump plow  
                     Seeding plow                                      Skim colter plow  
                     Scooter    Bul-tung and calf-tung plow
- 8      **Disk plow**
- .313      **Harrows**
- 1      **Smoothing harrows**  
                     Bush harrows; plank-scraper; fixt and adjustable tooth, frame harrow
- 2      **Chain harrow**
- 3      **Spring-tooth harrow**
- 4      **Curvd knife-tooth harrow, pulverizer**
- 5      **Revolving harrow**
- 6      **Disk harrow: ful disk, cutaway**
- 7      **Spading harrow, scuffle harrow**
- 8      **Special uses**  
                     Orchard disk harrow
- .314      **Rollers, etc.**
- 1      **Rollers**  
                     Wood, stone, metal. Hand, horse, riding, power
- 2      **Disk rollers**
- 3      **Clod crushers, clod breaker**
- 4      **Subsurface packer**
- 6      **Planker, plank drag**
- .315      **Hand gardening tools**
- 1      **Hoe**  
                     Draw, field, bayonet, garden
- 2      **Thrust, Dutch, push, scuffle, D hoe**
- 3      **Scarifier or scraper**
- 4      **Weeder**  
                     Hand weeder, finger weeder, weed-hoe, weeding forceps, weeding fork,  
                     weeding iron, weeding pincers, weeding tongs
- 5      **Weed cutters**  
                     Weed hook, weeding chisel, weeding shears
- 6      **Garden rakes: wood, iron**
- .316      **Cultivators**
- 1      **Wheel hoe, hand cultivator**
- 2      **Horse cultivators**  
                     Walking cultivators, horse hoe, shovel plow  
                     Scarifier, scooter, scuffer, hasp, sweep, grubber
- 3      **Riding or sulky cultivators**  
                     Balance frame
- 4      **Surface or gofer cultivator**  
                     Heel scrape, scrape
- 5      **Disk cultivator**
- 6      **Stalk cutter**

AGRICULTURE

- 631.33 Seeding and sowing machinery
  - .331 Seed sowers, seeding machines
    - 1 Broadcast sowers, seeders
      - Hand machines
    - 2 Walking
    - 3 Riding
    - 4 Land and row markers
    - 5 Furrow sowers Drills
    - 6 Walking
    - 7 Riding
    - 8 Special sowers
  - .332 Planters
    - 1 Hand, foot
    - 2 Walking
    - 3 Riding
    - 4 Check rowers
    - 8 Special planters
  - .333 Fertilizer distributors
    - 1 Hand machines
    - 2 Walking
    - 3 Riding
    - 4 Liquid fertilizer
    - 5 Pulverized "
    - 6 Farmyard manure, manure spreaders
  - .334 Mixt spreaders
    - Both fertilizer and seed
  - .335 Propagation apparatus
    - Cutting benches, layering pots, etc.
  - .336 Transplanters
    - 1 Ballers
    - 6 Tree conveyers
  - .34 Equipment for care of plants, trees, etc.
  - .341 Grafting, etc. implements and material
    - Budding knife, grafting knife, grafting wax
  - .342 Pruning
    - 1 Shears or pruner Hedge trimmer
    - 2 Knife or hook
    - 3 Chisel
    - 4 Bil hook
    - 5 Ax or hatchet
    - 6 Saw
    - 7 Scraper
  - .344 Protection and shelter
    - See also 632.1 and 632.9
    - 1 Bel glasses
    - 2 Cold frames
    - 3 Hot beds
    - 4 Greenhouses
    - 5 Forcing houses

DECIMAL CLASSIFICATION

- 631.345 Supports  
 1 Vertical cords and wires  
 2 Poles, stakes, stays, props  
 3 Trellises, espaliers  
     Horizontal wires or cords  
 4 Fruit walls  
 .346 Receptacles: pots, boxes, etc.  
 .35 Harvesting  
 .351 Hand tools, primitiv tools  
 1 Sickle, reaping hook, grass knife, grass hook  
 2 Sithe  
 3 Cradle, cradle sithe  
 .352 Mowers  
 7 Lawn mowers  
 .353 Other haying implements  
 1 Hay spreaders, tedders  
 2 Hay rakes, gatherers, binders, windrowers  
 3 Hay loaders  
 4 Hay stackers  
 5 Hay forks and carriers  
 .354 Reapers  
 1 Self binders  
 2 Harvester Combined harvester and thresher  
 3 Heders Clover heders  
 .355 Corn harvesters  
 1 Corn shockers  
 2 Stubble cutters  
 3 Corn pickers  
 4 Strippers  
 5 Toppers  
 .358 Special crops  
 1 Fruits, nuts  
 3 Legumes, peas, beans, etc.  
 4 Root crops, etc.  
 5 Fiber crops: cotton, flax, hemp  
 6 Sugar cane  
 7 Other crops  
 8 Tree products  
     Maple (sap), pine (turpentine), gums, resins, gutta percha, etc.

AGRICULTURE

- 631.36 Machinery, tools, etc. used in preparing for storage or transport
- .361 Threshers, etc.
    - 1 Primitiv tools
      - Flails, drags, wain
    - 2 Mechanical threshers
    - 3 Huskers
    - 4 Shellers
  - .362 Cleaning
    - 1 Primitiv tools
      - Shovel, siv, fan
    - 2 Winnowers, fanning machines
    - 3 Sorters, sifters
    - 6 Washers for roots and tubers
  - .363 Silo machinery
    - Ensilage cutters
  - .364 Packing for transportation or storage
    - 1 Bundlers
    - 2 Balers Baling presses
    - 3 Bunchers
    - 4 Packers: baskets, boxes
      - See 631.3721
  - .37 Power, power transmission appliances Transport
    - .371 Motiv power
      - 1 Human power
      - 2 Animal power
      - 3 Water power
      - 4 Windmils
      - 5 Steam engines
      - 6 Gas engines, oil and alcohol
      - 7 Electricity
    - .372 Tractors
      - 1 Steam
      - 2 Gas, oil, alcohol
      - 3 Electric
    - .373 Transport appliances
      - 1 By carrying
        - Baskets, boxes, bags, etc. handbarrows
      - 2 On animals backs: packs, saddlebags, etc.
      - 3 Drags Sleds Stoneboats
      - 4 Hand-carts, wheelbarrows
      - 5 Wagons Chute wagons Drays
        - Dumping wagons, hayracks, lumber wagons, trucks
      - 6 Motor trucks
      - 9 Other vehicles
    - .374 Harness Saddles
    - .38 Implements for care of farm animals

DECIMAL CLASSIFICATION

- 631.4 **Land, soil**
- .41 **Soil chemistry**
  - Chemic properties and constitution of soil
- .411 **Composition according to geologic origin**
- .416 **Inorganic chemistry**
- .417 **Organic chemistry**
- .42 **Analysis and experiments**
  - Methods of investigation: chemic, mechanical
- .43 **Soil physics**
- .431 **Specific weight (gravity) of soil**
- .432 **Humidity**
  - Water      Ground water
  - Soil moisture: hygroscopic, capillary
  - Permeability      Absorption
- .433 **Atmosfere: air, gases**
- .436 **Temperature**
  - Warmth of soils
- .44 **Soil classification      Adaptability**
  - Alkali lands; soils for special crops, tobacco, etc.
- .45 **Soil fertility: maintenance, exhaustion**
  - See also 631.8 Fertilizers
- .46 **Soil bacteriology: microbes, ferments, sterilization**
- .47 **Soil surveys**
- .49 **History**
- .5 **Tillage and farm operations**
- .51 **Soil preparation and working**
- .511 **Spading, digging, forking**
- .512 **Plowing, subsoiling**
- .513 **Blasting, use of explosivs**
- .514 **Harrowing**
- .515 **Rolling, planking**
- .516 **Hoeing, raking, weeding**
- .517 **Cultivating**
- .52 **Selection, breeding, etc.**
- .521 **Selection**
  - Seed selection
  - "    cata ogs
- 3 **Plant selection**
- 4 **Nursery catalogs**
- .522 **Plant breeding**
- .523 **Hybrids      Crossing      Creation of new varieties**
- .524 **Introduction of new kinds**
- .525 **Acclimatization**

AGRICULTURE

- 631.53      **Methods of plant multiplication**
- .531      **Seedage      Seeds**
  - 1      **Sowing broadcast**
  - 2      **Drilling, in rows**
  - 3      **Planting in hills or separate seeds**
  - 7      **Spores**
- .532      **Separation of growing plant**
  - 1      **Young bulbs, offsets**  
                Bulbels, bulbules or bulblet; separation of small from parent bulb
  - 2      **Tubers**  
                Cutting into "sets" each with an eye
  - 3      **Division or partition of tufted growing plants**
- .533      **Detaching of separate plants**
  - 1      **Suckers, root suckers, stem suckers**
  - 2      **Runners, stolons**
  - 3      **Proliferous buds**
- .534      **Layering**
  - 1      **Ordinary; each shoot makes one new plant**
  - 2      **Multiple, serpentine, or trench**
  - 3      **Mound or stool layering**  
                See also 631.5323
  - 4      **Circumposition, potted, aerial, air or Chinese layering**
  - 6      **Layering trees and shrubs**
  - 7      **"      vines**
- .535      **Cuttings**
  - 1      **Choice of cutting**
  - 2      **Preparation for planting**
  - 3      **Planting**
  - 4      **Branch or stem cuttings**
  - 5      **Short cuttings: cuttings of single eye or bud**
  - 6      **Root cuttings**
  - 7      **Leaf and bulb scale cuttings**
- .536      **Transplanting**  
                For grafting and budding see 631.54
- .54      **Caring for plants**  
                For protection against injuries, see 632
- .541      **Grafting**  
                For bridge grafting, sometimes called bark grafting, see 632.8
  - 1      **Selection of stock and scion, affinity**
  - 2      **Suitable age and season**
  - 3      **Methods of grafting      Scion grafting**
  - 31      **Cleft grafting**
  - 32      **Splice      "**
  - 33      **Whip      "**
  - 34      **Saddle      "**
  - 35      **Veneer      "**
  - 36      **Bark      "**  
                In England and France called crown grafting, see 631.54142; and  
                sometimes used to mean bridge grafting, see 631.541
  - 37      **Herbaceous grafting**

DECIMAL CLASSIFICATION

- 631.5414 **Grafting according to position of scion**
  - 41 Root grafting
  - 42 Crown "
    - See also 631.54136, note
  - 43 Stem grafting (on main stem or trunk)
  - 44 Top " (in top or branches)
  - 5 **Bud grafting Budding**
    - Formerly called inoculation Flute grafting
  - 6 **Grafting by approach, inarching**
  - 7 **Binding and protecting grafts**
  - 8 **Indoor grafting**
- .542 **Pruning**
  - 1 **Winter pruning**
  - 11 Theories of pruning
  - 12 Methods of pruning
  - 13 Heading in
  - 14 Thinning of branches
  - 15 Scraping
  - 17 Time to prune
  - 2 **Summer pruning Work on green wood**
  - 21 Pinching in
  - 22 Nipping off buds
  - 23 Clipping
  - 24 Ringing, girdling
  - 27 Thinning fruit
  - 3 **Trimming (to secure definit shape)**
- .543
- .544 **Forcing**
  - 1 **Bel glasses**
  - 2 **Cold frames**
  - 3 **Hotbeds**
  - 4 **Greenhouses**
  - 5 **Forcing houses**
- .545 **Retardation**
- .546 **Training**
  - 1 **Vertical, poles, stakes, cords**
  - 3 **Espalier or trellis training**
  - 4 **Wall training**
  - 5 **Arbor training**
  - 6 **Cordon training**
- .547 **Stages of plant growth**
  - 1 **Seedling**
  - 2 **Increase, growth**
  - 3 **Maturity**
  - 4 **Flowering**
  - 5 **Fruitage**
  - 6 **Ripening**



## AGRICULTURE

- 631.55 Harvesting, storage, preservation**  
 These numbers treat of the material operations of harvesting. Class anything about a definite crop under its special number; e. g. 633.11 Wheat crop. See also 631.56 for preparation of crop for market, 636.085 for preparation of food for cattle, etc. For farther preparation of agricultural products not usually done by the farmer at the present day, see the various divisions of commerce, technology and manufactures
- .552 Mowing
  - .553 Hay making, stacking, etc.
  - .554 Reaping
  - .555 Corn harvesting
  - .556 Harvesting other special crops
    - For cutting and felling trees see 634.9 Forestry
    - 1 Fruits, nuts, etc.
    - 3 Legumes: peas, beans, etc.
    - 4 Root crops and tubers
    - 5 Fiber crops: flax, hemp, cotton picking
    - 6 Sugar cane, etc.
    - 7
    - 8 Saps, gums, resins, etc.
    - 9 Other crops
  - .56 Preparation for storage and transport
    - See note under 631.55
  - .561 Preparing grains
    - 2 Threshing, etc.
    - 3 Husking corn, etc.
    - 4 Shelling corn
  - .562 Cleaning, etc.
    - 2 Winnowing
    - 3 Sorting, sifting
    - 6 Washing (roots, tubers, etc.)
  - .563 Storing green fodder
    - Cutting, and filling silos
  - .564 Packing for transportation or storage
    - 2 Baling
    - 4 Packing in baskets, boxes and barrels
  - .57
  - .58 Special methods
    - .581 Fallowing
    - .582 Crop rotation
    - .583 Intensiv farming
    - .584 Catch crop culture
    - .585
    - .586 Dry farming      Deep soil culture
    - .587
    - .588 Application of special forces
      - 1 Electro culture
      - 2 Radio      "

DECIMAL CLASSIFICATION

- 631.6 Reclamation Drainage**  
 Agricultural engineering
- .61 Initial operations
  - .611 Prairies
  - .612 Waste lands: rocks and bushes
  - .613 Hillsides: terracing
  - .614 Forests
  - .615 Marshes Swamps
  - .616 Lands under water Polders
  - .617 Deserts  
 See 631.7 Irrigation
  - .62 Drainage methods  
 Ditches Drains (open, covered, tile)
  - .63 Drainage systems  
 Plans, layouts
  - .64 Dikes and embankments
  - .65 Water removal by machinery  
 Pumps, windmils, etc.
  - .7 Irrigation, water supply  
 Conservation of moisture. Rainfall, streams
  - .71 Source of water: wells, reservoirs
  - .72 Irrigating canals
  - .73 Systems of irrigation  
 Plans, etc.
  - .74 Measure and distribution of water
  - .75 Cost of water
  - .76
  - .77
  - .78 Machinery
  - .79 Methods of conserving moisture  
 Mulching  
 See also 631.586 Dry farming; 631.8 Fertilizers, amendment of soils
  - .8 Fertilizers
  - .81 History, nature, uses
  - .811 Nutrition of plants; necessary principles
  - .812 Production, preparation, collection, conservation
  - .813 Composition
  - .814 Loss of fertilizing principles
  - .815 Economic value
  - .816 Use Methods of application and distribution
  - .817 Purchase Transport Cost
  - .818 Frauds Adulterations Control; legislation, inspection, analysis  
 Any special fertilizer may be subdivided like 631.81; e. g.  
 631.8525 Economic value of bone as a fertilizer  
 631.8733 Composition of seaweed

AGRICULTURE

- 631.82 Mineral amendments
  - .821 Lime, gypsum, plaster
  - .822 Marl
  - .825 Sulfate of iron
- .83 Potash fertilizers
  - .831 Wood ashes, vegetable ashes, burning turf
  - .832 Chlorids
  - .833 Sulfates
- .84 Nitrogen fertilizers
  - .841 Ammonia
  - .842 Nitrates
    - 1 Calcium cyanamid
    - 5 Sewage
- .843 Animal industry residues: skin, etc.
  - Slaughter house refuse. See also 831.852 Bone
- .844 Fish
- .845 Blood
- .846 Tankage
- .847 Vegetable nitrogen fertilizers
  - Cotton seed meal, castor beans, pomace
  - 1 Nitrifying crops
  - 2 Soil inoculation Bacteria Nitrification
    - For soil conditions see 631.46. Here class introduction of bacteria to improve the soil. The difference is the same as between 631.47 Soil fertility and 631.8 Fertilizers
- .848 Azotin, ammonite, etc.
- .85 Fosforic acid
  - .851 Natural rock
  - .852 Bone
  - .853 Slags
  - .854 Guano
  - .855 Superfosfates
- .86 Farmyard and stable manures, etc.
  - Subdivided like 636; e. g. 631.862 Cow manure
- .87 Vegetable manures
  - .871 Muck
  - .872 Leaves
  - .873 Seaweed
  - .874 Green manures
  - .875 Vegetable compost
  - .876 Residue from vegetable industries
- .88 Fertilizer experiments
- .9 Climate, roads, etc.

DECIMAL CLASSIFICATION

632 Hindrances: blights, pests, insects

Including those injurious to either plants or animals, but material relating to diseases of animals is better classed in 619 or 636.089 and may attract all matter specially relating to animals

- .1 **Elemental destruction      Protection**
- .11      Low temperature, frost, freezing
- .111      Methods of protection
- .112           Warnings: wether bureau, thermometers
- .113           Covering
- .114           Artificial clouds
- .115           Fires
- .116
- .117
- .118           Repairing damages
- .12      Excessiv heat and drout
- .13
- .14      Hail
- .15      Lightning
- .16      Wind and rain
- .17      Floods, inundations
- .18      Fires: forest and prairie
- .19      Other destructiv agents  
    Earthquakes, fumes, gas, etc.
- .2      **Galls    Cecidiology**  
    No subdivision at present
- .3      **Bacteria and bacterial diseases**  
    No subdivision at present
- .4      **Fungi**  
    Divided like 589.2
- .5      **Parasitic and injurious plants**
- .58      Weeds
- .59      Plants injurious or poisonous to animals

## AGRICULTURE

- 632.6 Injurious animals**
  - Divided like 590, but class injurious insects in 632.7 insted of 632.657
- .7 Injurious insects**
  - Divided like 595.7
- .71 Thysanura, etc.**
  - Bristle tails or silver fish, spring tails
- .72 Orthoptera**
  - Grasshoppers, locusts, roaches, earwigs, leaf insects. See also 632.75 for leaf hoppers
- .73 Pseudoneuroptera**
  - Dragon flies, thrips
- .74 Neuroptera**
  - Lacewing flies, caddis flies
- .75 Rhynchota, hemiptera**
  - Afids, biting lice, cicads, grass flies, scale insects, chinch bug, squash bug, mealy bug, leaf hoppers. See also 632.72 for other leaf insects
- .76 Coleoptera**
  - Beetles, flat-hed and round-hed borers, weevils, wire worms
- .77 Diptera**
  - Flies, mosquitos, gnats, midges, fleas, root maggots, army worm, Hessian fly
- .78 Lepidoptera**
  - Butterflies, moths, caterpillars
- .79 Hymenoptera**
  - Ants, bees, wasps; saw, gall, and ichneumon flies
- .8 Diseases and injuries**
  - Other than covered by 632.2-.7
- .9 Means of protection**
  - Other than covered by 632.1; e. g. netting and covers, screens, gards, scarecrows
- .94 Methods and apparatus**
  - Spraying, dusting, fumigating
- .95 Preparations and materials**
  - .951 Insecticides**
  - .952 Fungicides**
  - .953 Antiseptics**
- .96 Natural enemies of pests**
  - May be subdivided like 590

DECIMAL CLASSIFICATION

633 Field crops: grains, grasses, fibers, etc.

SUMMARY

- .1 Cereals, grains
- .2 Grasses
- .3 Legumes
- .4 Root crops
- .5 Fiber crops
- .6 Sugar plants and starch
- .7 Alkaloidal plants
- .8 Perfumes, spices, condiments, etc.
- .9 Other plants

**.1 Cereals**

- .11 Wheat
- .12 Buckwheat
- .13 Oats
- .14 Rye
- .15 Corn, maize
- .16 Barley
- .17 Millet, sorghum, etc.
  - .171 Millet
  - .172 Panic grass
  - .173 Prosos
  - .174 Sorghum
    - For sweet sorghum see 633.62
  - .175 Broom corn
  - .176 Shallu
  - .177 Kafir, milo maize
    - White kafir, blackhul kafir, red kafir
  - .178 Durra, Jerusalem corn
    - Yellow milo, brown durra, white durra, rice corn, white Egyptian corn
    - Egyptian corn
- .18 Rice
- .19 Other
- .2 **Forage crops: grasses**
  - Class here general treatises on forage crops. Divided according to Hackel
  - .21 Blue grass *Poa*
  - .22 Orchard grass *Dactylis*
  - .23 Red top, bent grass *Agrestis*
  - .24 Timothy *Phleum*
  - .25 Cereal grasses Divided like 633.1 Cereals
  - .26 Other cultivated grasses
    - .261 Bermuda grass *Cynodon*
    - .262 *Bromus*
    - .263 Rye grass *Lolium*
    - .264 Fescues *Festuca*
    - .265 Oat grass *Arrhenatherum*
    - .266 *Paspalum*
    - .267 *Phalaris*
    - .27

AGRICULTURE

- 633.28 Other grasses  
 Class here only such grasses as hav no specific number  
 Divided like Hackel in 633.21-.267
- .281 *Maydeae*  
*Zoysicæ*  
*Tristegineæ*
- .282 *Andropogonæ*
- .283 *Panicææ*
- .284 *Oryzææ*  
*Phalarideæ*
- .285 *Agrostideæ*
- .286 *Aveneææ*
- .287 *Chlorideææ*
- .288 *Festuceææ*
- .289 *Hordeææ*  
*Bambuseææ*
- .3 Forage crops: legumes, etc.
- .31 Alfalfa *Medicago*  
 Black medic, bur clover
- .32 Clovers, berseem *Trifolium*
- .33 Cowpeas *Vigna*
- .34 Soybean *Glycine*
- .35 Vetches *Vicia*
- .36
- .361 Sainfoin *Onobrychis*
- .362 Kidney vetch *Anthyllis*
- .363 Velvet bean *Mucuna*
- .364 Japan clover *Lespedeza*
- .365 Beggar weed *Meibomia* *Desmodium*
- .366 Sweet clover *Melilotus*
- .367 Lupin *Lupinus*
- .37 Other legumes
- .371 *Sophoreææ*
- .372 *Podalyrieææ*  
*Genisteææ*
- .373 *Trifolieææ*
- .374 *Loteææ*
- .375 *Psoraleææ*  
*Galegeææ*
- .376 *Hedysareææ*
- .377 *Valbergieææ*
- .378 *Vicieææ*
- .379 *Phaseoleææ*
- .38
- .39 Other forage crops

DECIMAL CLASSIFICATION

633.4

Root crops

These are practically all also classed as vegetables in 635.1 and .2 and for convenience of correspondence the same arrangement is followed here: 633.4 divided like 635.1 and 633.49 divided like 635.2

- .41 Beet *Beta vulgaris*  
See also 633.63 Sugar beet
- .416 Half sugar mangel
- .417 Mangel and mangel wurzel
- .42 Turnip *Brassica rapa*
- .425 Hybrid turnip
- .426 Rutabaga *Brassica campestris*
- .43 Carrot *Daucus carota*
- .44 Parsnip *Pastinaca sativa*
- .49 Tubers and bulbs
- .491 Potato *Solanum tuberosum*
- .492 Sweet potato *Ipomoea batatas*
- .494 Jerusalem artichoke *Helianthus tuberosus*
- .5 Textil fibers, cordage, plaiting, basket, etc.
- .51 Cotton *Gossypium*
- .52 Flax *Linum*
- .53 Hemp *Cannabis*  
For other fibers known as hemp, see 633.56-.57. Brown and Indian hemp are indefinite. For 'true Indian hemp' see 633.567
- .54 Jute *Corchorus*
- .55 Ramie, China grass *Boehmeria*
- .56 Other soft fibers
- .561 China jute *Abutilon*
- .562 Sunn hemp *Crotalaria*  
Bengal, Bombay, Conkanee, false, Konkan, Madras or Salsette hemp or Travancore flax; also incorrectly Dekkan or Ambari hemp. Jubbulpore or Jabbalpur hemp
- .563 Ambari or Dekkan hemp *Hibiscus*  
Kanoff and Gambo hemp. Dekkan hemp also known in market as Binlipatam jute
- .564 Majagua *Paritium* *Hibiscus tiliaceus*
- .565 Olona *Touchardia*
- .566 Colorado river hemp *Sesbania*
- .567 Canada (or Indian) hemp *Apocynum*  
True Indian hemp; also called black Indian hemp
- .57 Hard fibers
- .571 Manila hemp, Abaca *Musa*
- .572 New Zealand hemp *Phormium*
- .573 Mauritius hemp *Furcraea*
- .574 Bowstring hemp *Sansevieria*
- .575 Bromelia fibers
- .576 Pineapple fiber *Ananas*



AGRICULTURE

- 633-577      **Agave fibers**
- 1      **Sisal, henequen**      *Agave rigida*
- 2      **Ixtle, istle, tampico**      *Agave heteracantha*  
             Jaumave istle      *Agave lophantha*  
             Tula istle      *Agave Lecheguilla*; also *A. untrittata*, *A. caerulea*,  
                             *A. Kerchoensis*  
             Palm istle      *Palma samandoca*, *Samuela carnerosana*, *Palma pita*,  
                             *Yucca treuleana*
- 3      **Manila maguey**      *Agave Cantula*
- 4      **Aloe fiber**
- 5      **Maguey fiber**      *Agave atrovirens*, *A. collina*, *A. Potosina*,  
                             *A. Tequilana*, *A. vivipara*
- 6      **Zapupe "zapupe verde", "zapupe azul"**
- .58      **Fibers for plaiting, basket and wicker work; ruf weaving**
- .581      **Coir, coconut fiber**      *Cocos*
- .582      **Raffia**      *Raphia*
- .583      **Esparto grass, alfa, halfa**      *Stipa*
- .584      **Hat fibers**  
             Jipijapa plant      *Carludovica*      Panama hats  
             Yarrow or hat palm      *Inodes*  
             Straw, wheat, rye, barley, rice; in agricultural aspect better clast in 633.1
- .585      **Rushes and sedges**      *Juncus*      *Cyperaceae*
- .586      **Reeds**      *Arundo*
- .587      **Bamboo**
- .588      **Osier, willow**      *Salix*  
             Other woods, splints, rattan
- .59      **Fibers for other industrial uses**  
             Filling or stuffing fibers, calking natural fibers: Cuba bast, etc. brush fibers,  
             broom root, paper materials, usually better clast from agricultural standpoint  
             with other uses of the material
- .6      **Sugar plants and starch**
- .61      **Cane**      *Saccharum*
- .62      **Sorghum**      *Andropozon sorghum* Brot. *S. vulgare* Linn.
- .63      **Sugar beets**      *Beta*
- .64      **Maple**      *Acer saccharum* Marsh
- .65      **Palm**
- .66      **Other sugar plants**
- .68      **Starch**  
             Single plants usually better clast from agricultural standpoint with other uses  
             of these plants; e. g. wheat, corn, rice, potatoes, etc.
- .7      **Alkaloidal plants**  
             For those chiefly medicinal see 633.88
- .71      **Tobacco**      *Nicotiana*
- .72      **Tea**      *Canellia thea* Link      *Thea* Linn.
- .73      **Coffee**      *Coffea*
- .74      **Cacao, coco, chocolate**      *Theobroma*
- .75      **Poppy (opium)**      *Papaver*
- .76      **Kola or cola**
- .77      **Maté**      *Ilex*  
             Brazil or Paraguay tea, Jesuits tea, yerba
- .78      **Chicory, succory**      *Cichorium*

DECIMAL CLASSIFICATION

- 633.8 **Perfumes, spices, condiments, etc.**
- .81 **Perfumery**  
See also 668.5
  - .811 Floral: rose, jasmin, violet
  - .812 Herbal: lavender, rosemary, geranium, patchouli
  - .813 Citrin: bergamot
  - .814 Woods: sandalwood, cedar
  - .815 Roots: orris, vetiver
  - .816 Balms and gums: myrrh, benzoin
  - .82 **Flavoring**
  - .821 Vanilla
  - .822 Mints *Mentha*
  - .823 Wintergreen *Gaultheria*
  - .824 Sassafras
  - .825 Ginger *Zingiber*
  - .83 **Spices**  
See also 664.5
  - .831 Allspice
  - .832 Cloves
  - .833 Cinnamon
  - .834 Nutmeg
  - .84 **Condiments**
  - .841 Pepper *Piper*
  - .842 Red pepper, paprika *Capsicum*
  - .843 Chili *Capsicum*, specially *c. fastigatum*
  - .844 Mustard
  - .845 Capers
  - .846 Horseradish
  - .85 **Oil producing plants**  
Usually better class from agricultural standpoint with the purpose for which the oil or plant is used
  - .86 **Vegetable dyes, dye plants**
  - .861 Yellow
  - .862 Blue
  - .863 Red
  - .864 Green
  - .87 **Tanning material**  
Usually better class from agricultural standpoint with the tree or plant from which the material is derived
  - .871 Sumac *Canaigre*
  - .88 **Medicinal plants**
  - .89 **Other**

634 Fruits, orchards, vinyards, forestry

SUMMARY

- .1 Pomaceous fruits
- .2 Drupaceous "
- .3 Citrous "
- .4 Minor fruits
- .5 Nut "
- .6 Palmaceous fruits
- .7 Small fruits
- .8 Grapes
- .9 Forestry

- .1 **Pomaceous or pome fruits**
- .11 Apple *Pyrus malus*
- .12 Crab apple
- .13 Pear *Pyrus*
- .14 Quince *Cydonia*
- .15 Medlar *Mespilus*
- .16 Loquat, Japan plum *Eriobotrya Japonica*
- .2 **Drupaceous or stone fruits** *Prunus*
- .21 Apricot *Prunophora*
- .22 Plum *Prunophora*
- .23 Cherry *Cerasus*
- .24 Racemose cherries: wild cherry, choke cherry, padins, sand cherry
- .25 Peach *Amygdalus* or *Prunus Persica*
- .26 Nectarin (variety)
- .3 **Citrous fruits: orange family, etc.**
- .31 Orange *Citrus aurantium*
- .32 Varieties
- .321 Trifoliate *C. trifoliata*
- .322 Mandarin, tangerine, kid glove orange *C. nobilis*
- .323 Grape fruit, pomelo, shaddock *C. decumana*
- .324 Kumquat *C. Japonica*
- .33 Citron group *C. medica*
- .331 Citron var. *genuina*
- .334 Lemon " *limon*
- .337 Lime " *acida* or *limetta*
- .34 Other
- .341 Glycosmis *G. aurantiaca*
- .342 Lime berry, bergamot lime *Triphasia trifoliata* or *aurantiola*
- .343 White sapota, cochil sapota *Casimiroa edulis*
- .36 **Moraceous fruits** Mulberry family
- .37 Fig *Ficus Carica*
- .38 Mulberry *Morus*
- .39 Bred fruit *Artocarpus incisa*

DECIMAL CLASSIFICATION

634.4 **Minor fruits**

- .41 Anonaceous fruits, custard apple family
- .411 Sour-sop *Anona muricata* or *Asiatica*
- .412 Sweet-sop, sugar apple *A. squamosa*
- .413 Cherimoya; Jamaica apple *A. cherimolia*
- .414 Pond apple; mamon *A. glabra* or *laurifolia*
- .415 Custard apple; bullocks hart *A. reticulata*
- .418 Northern papaw *Asimina triloba*
- .42 Myrtaceous fruits, myrtle family
- .421 Guava *Psidium*
- .422 Rose apple; jamrosade *Eugenia jambos*
- .423 Surinam cherry; Cayenne cherry; pitanga *Eugenia uniflora* or *Michelii*
- .43 Sapotaceous fruits, star apple or sapodilla family
- .431 Sapodilla, naseberry *Achras sapota*
- .432 Marmalade tree or plum *Mammea sapota*, *Lucuma mammosa*
- .433 Star apple *Chrysophyllum Cainito*
- .44 Anacardiaceous fruits, cashew family
- .441 Mango *Mangifera Indica*
- .442 Jew plum, Pomme Cythere, sweet Otaheite apple *Spondias dulcis*
- .443 Spanish plum *Spondias purpurea*
- .45 Ebenaceous fruits; ebony family
- .451 Kaki; Japan persimmon *Diospyros Kaki*
- .452 Persimmon *D. Virginiana*
- .46 Leguminous fruits; bean family
- .461 Tamarind *Tamarindus Indica*
- .462 St Johns bred; carob; karoub; algaroba *Ceratonia siliqua*
- .5 **Nut fruits Nuciculture**
- .51 Walnut Juglars
- .511 Persian or English walnut *J. regia*
- .512 Black walnut *J. nigra*
- .513 Japan walnut *J. Sieboldiana*
- .518 Butternut, white walnut *J. cinerea*
- .52 Hickory nut *Hicoria*
- .521 Pecan *H. pecan*
- .522 Shagbark or little shelbark hickory *H. ovata*
- .523 Big or bottom shelbark hickory *H. laciniosa*
- .524 Pignut *H. glebra*

AGRICULTURE

- 634-53 Chestnut *Castanea*  
 .531 European chestnut *C. sativa* or *vesca*  
 .532 American chestnut *C. americana*  
 .533 Japan chestnut *C. crenata* or *Japonica*  
 .537 Chinkapin *C. pumila*  
 .54 Filbert, hazelnut, cobnut *Corylus*  
 .55 Almond *Prunus*  
 .551 Almond *P. amygdalus*  
 .552 Russian almond *P. nama*  
 .555 Tropical almond *Terminalia Catappa*  
 .57 Miscellaneous nuts  
 .571 Litchi, Leechee *Nephelium Litchi*  
 .572 Ginkgo *G. biloba*  
 .573 Cashew *Anacardium occidentale*  
 .574 Pistachio *Pistacia vera*  
 .58 Peanuts *Arachis hypogaea*  
**.6 Palmaceous fruits**  
 Palm family and miscellaneous tree fruits  
 .61 Coconut, coco palm *Cocos nucifera*  
 .62 Date palm *Phoenix dactylifera*  
 .63 Oliv *Olea Europea*  
 .64 Pomegranate *Punica granatum*  
 .651 Papaw; melon papaw, melon zapote *Carica*  
 .652 Spanish lime Ginep *Melicocca bijuga*  
 .653 Alligator or Avocado pear *Persea gratissima*  
 Aquacata, midshipmans butter  
 .654 Mammee apple, S. Domingo apricot *Mammea Amer-  
 icana*  
 .661 Hovenia  
 .662 Jujube *Zizyphus*  
 .663 Myrica  
 .664 Seagrape; shore grape *Coccoloba uvifera*  
 .665 Pigeon plum *Coccoloba Floridara*  
 .666 Otaheite gooseberry *Phyllanthus distichus*  
 .667 Strawberry tree *Arbutus unedo*  
**.7 Small fruits, bush fruits and herblike fruits**  
 .71 Rubaceous, cane or bramble fruits *Rubus*  
 .711 Raspberries  
 1 European 2 Black cap 3 Red  
 .712 Oriental raspberries, wineberry, Japanese wineberry  
 .713 Blackberry  
 .714 Loganberry  
 .717 Dewberry  
 1 Northern 2 Southern 3 Pacific

DECIMAL CLASSIFICATION

- 634.72 Ribaceous fruits Groselles *Ribes*  
 .721 Currants  
 .722 Garden or common currant *R. rubrum*  
 .723 Black currant  
     1 European *R. nigrum*  
     2 American *R. Americanum*  
     3 California *R. bracteosum*  
 .724 Buffalo, Missouri, flowering or golden currant *R. aureum*  
 .725 Gooseberry  
 .726 European *R. grossularia*  
 .727 American *R. oxycanthoides*  
 .73 Huckleberry, blueberry, etc.  
 .731 Blue tangleberry or dangleberry *Gaylussacia frondosa*  
 .732 Black huckleberry *G. resinosa*  
 .734 Low or dwarf blueberry *Vaccinium Pennsylvanicum*  
 .735 Canadian blueberry *V. Canadense*  
 .736 Low or pale blueberry *V. vacillans*  
 .737 Swamp blueberry, high huckleberry *V. corymbosum*  
 .74 Miscellaneous bush fruits  
 .741 Juneberry *Amelanchies*  
 .742 Buffalo berry *Lepargyrea argentea* *Shepherdia argentea*  
 .743 Goumi *Elaeagnus longipes* or *multiflora*  
 .744 Caraunda Christ'sthorn *Carissa Carandas*  
 .745 Cranberry bush, high or tree cranberry *Viburnum opulus*  
 .746 Barberry *Berberis*  
 .747 Elderberry  
 .75 Strawberry *Fragaria*  
 .751 Garden strawberry, pine strawberry *F. chiloensis*  
 .752 Hautbois strawberry *F. moschata*  
 .753 Alpin and perpetual strawberry *F. vesca*  
 .754 Scarlet or Virginia strawberry *F. Virginiana*  
 .76 Cranberry *Vaccinium macrocarpor*, etc.  
 .77 Nonwoody or herblike fruits  
 .771 Musacious fruits *Musa*  
 .772 Banana *Musa sapientium*  
 .773 Plantain banana, cooking banana, Adam's fig var. *paradisiaca*  
 .774 Pineapple *Ananas sativus*  
 .775 Cactaceous fruits  
     1 Prickly pear, tuna *Opuntia tuna*  
     4 Indian fig *Opuntia ficus Indica*  
     7 Barbados gooseberry, lemon vine, blad apple *Pereskia aculeata*  
 .776 Miscellaneous herblike fruits  
     1 Cyphomandra; tree tomato *Cyphomandra betacea*  
     2 Ceriman *Monstera deliciosa*

AGRICULTURE

634.8 Grapes, vineyards

.9 Forestry

635 Garden crops; kitchen and market gardening

SUMMARY

- .1 Edible roots, including tubers and bulbs
- .2 Tubers and bulbs
- .3 Edible leaves or flowers
- .4 Greens, pot herbs
- .5 Salads
- .6 Edible seeds and fruits
- .7 Condimental and sweet herbs
- .8 Mushrooms, truffles
- .9 Floriculture

.1 Edible roots

.11 Beet

.12 Turnip

Usually a field crop. See 633.42

.126 Rutabaga Swedish turnip Turnip-rooted cabbage

.127 Navew, French turnip

.128 Celeriac, turnip-rooted celery

.13 Carrot

.136 Turnip-rooted chervil

.137 Chicory

Better in 633.78

.14 Parsnip

.15 Radish

.16 Salsify, oyster plant, vegetable oyster

.166 Scorzonera, black salsify

.167 Scolymus, Spanish salsify

.2 Edible tubers and bulbs

.21 Potato

.22 Sweet potato, Spanish potato, batata

.23 Yam

.24 Jerusalem artichoke, topinamber

.25 Onion

.26 Other plants of Allium family

.261 Leek

.262 Garlic

.263 Shallot, scallion

.264 Cibol, Welsh onion (French, ciboule)

.265 Cive, chive

DECIMAL CLASSIFICATION

- 635.3 **Edible leaves, flowers and stems**
- .31 Asparagus
  - .32 Artichoke
  - .327 Cardoon, chardoon
  - .33 Sea kale
  - .34 Cabbage
  - .346 Kale or borecole
  - .347 Collards
  - .348 Kohlrabi
  - .35 Cauliflower
  - .356 Broccoli
  - .36 Brussels sprouts
  - .4 Greens
  - .41 Spinach
  - .42 Chard, sea-kale beet, Swiss chard
  - .43 Orach, French spinach
  - .44 Mustard
  - .45 Sorrel Dock
  - .46 Dandelion Purslane (pusley)
  - .48 Rubarb
  - .5 Salads
  - .51 Bitter salads
    - Dandelion. See 635.46
    - Cardoon. " 635.327
    - .52 Lettuce *Lactuca sativa*
    - .53 Celery *Apium graveolens*
    - .54 Chicory or succory *Cichorium intybus*  
Also used as pot herb and root
    - .55 Endive *Cichorium endivia*
    - .56 Piquant or warm salads  
Class any species or variety with its genus; e. g. bitter cress, *cardaminis amara* with 635.562
      - .561 Water cress *Nasturtium officinale*
      - .562 American water cress *Cardamine rotundifolia*
      - .563 Garden cress *Lepidium sativum*
      - .564 Winter cress *Barbaria vulgaris*
      - .565 Swine cress *Senebiera coronopus*
      - .566 Indian cress *Tropaeolum majus*  
For mustard see 635.44
  - .57 Neutral salads  
Lamb's lettuce, corn salad, fetticus



AGRICULTURE

- 635.6 Edible seeds and fruits**
- .61 Melons
  - .611 Muskmelon: cantaloup, nutmeg, winter, etc.
  - .615 Watermelon: preserving or " citron "
  - .618 Zit kwa, wax gourd
    - Chinese preserving melon, Chinese watermelon
  - .62 Squashes
  - .621 Summer or bush squashes
    - Crooknecks, scallop or pattypan, pineapple
  - .622 Fall and winter, or longrunning squashes
    - Canada crookneck, Hubbard
  - .623 Vegetable marrow
  - .624 Pumpkins
  - .627 Luffa, rag gourd, dishcloth gourd, vegetable sponge
  - .63 Cucumbers Gherkins Martynia
  - .64 Tomato
  - .646 Egplant, guinea squash, aubergine
  - .647 Physalis, husk tomato, strawberry tomato
  - .648 Okra or gumbo
  - .65 Beans
  - .651 Broad bean
  - .652 Kidney bean: garden, snap and string bean; haricots
  - .653 Lima or sugar bean
  - .654 Dolichos
  - .655 Soy or soja bean See 633.34
  - .66 Peas
  - .667 Chick pea *Cicer arietinum*
  - .668 Lentils *Lens esculenta*
  - .67 Sweet corn
  - .677 Pop corn
  - .7 Condimental and sweet herbs
    - For the regular condiments of commerce see 633.84 and 664.5
  - .71 Seasoning leaves and flowers
  - .72 Garden mint, spearmint
  - .74 Flavoring for pickles, vinegar, etc.
    - Dil, tarragon, samfire, costmary
  - .75 Seeds for flavoring
    - Anis, coriander, carraway
  - .76
  - .77
  - .78 Garnishes: parsley, leaf chervil
  - .8 **Mushrooms, truffles**
  - .9 **Floriculture**

636 Domestic animals

.08 Zootechny

The breeding and keeping of animals in domestication

SUMMARY

- .081 Selection Economics
- .082 Formation of stock, races, breeding
- .083 Care
- .084 Feeding
- .085 Food; general questions
- .086 Foods; divided like 633
- .087 Other foods
- .088 Utilisation and training
- .089 Hygiene Diseases

.081 Selection Economics, etc.

I Selecting and acquiring stock

II Capture

Of wild animals and of domesticated animals allowed to run wild.  
"Round up" of western ranches

III Capture by snares, traps, nets, etc.

III2 " " weapons, guns, etc.

III3 " " help of other animals, dogs, horses, ferrets, hawks, etc.

12 Purchase Original cost

13 Barter Horse trade

14 Standards of excellence Points

15 Soundness Imperfections Blemishes

16 Estimating age

2 Brands and branding and other marks of ownership

28 Catalogs of brands

3 Stock farms Ranches

31 Descriptions of individual farms

Alfabetic

6 Finances and accounts

7 Expenses

71 Supplies, food, etc.

73 Wages

75 Insurance

8 Returns, yield, profit

81 Weight tables

87 Stock farm catalogs

88 Catalogs of sales

AGRICULTURE

- 636.082      **Formation of stock**  
                   Races, breeding, heredity, etc.
- 1              **Character of herd, flock, colony, etc.**
- 11             **Species, races, breeds, strains; heredity, variation**
- 2              **Herd books, stud books, flock books, etc.**
- 3              **Composition of herd, flock, colony; sexes**  
                   Including notes and articles about the different kinds
- 31             **Male**
- 32             **Female**
- 33             **Neuter (of bees)**
- 34             **Castrated male      Gelding**
- 35                  "      **female**
- 36             **Young animals**
- 37                  **Males**
- 38                  **Females**
- 4              **Breeding      Reproduction**
- 41             **Breeding in and in**  
                   Line breeding.    Animals closely related by blood
- 43             **Cross breeding**
- 431            **Hybrid**  
                   Individuals of different species
- 432            **Métissage**  
                   Individuals of different races
- 44             **Choice of parents**
- 45             **Generation**
- 451            **Sexual excitement: heat, rut**
- 453            **Sexual union**
- 454            **Impregnation**  
                   Fusion of male and female element
- 46             **Laying of eggs**
- 461            **Nests**
- 47             **Incubation      Hatching**
- 471            **Natural**
- 474            **Artificial      Incubators**
- .083          **Care of animals**
- 1              **Bilding and installation**  
                   Stalls, boxstalls, pens, nests
- 2              **Care of stables or houses**  
                   Clenliness, bedding
- 3              **Care of animals**  
                   Grooming, clipping
- 37             **Special care of young**  
                   Brooders 636.5
- 4              **Care of feet      Shoeing**
- 5              **Care of animals outdoors**  
                   Shepherds, watch dogs, etc.
- 6              **Acclimatization**
- 61             **Protection from cold: blankets**
- 62                  "      "      **heat**
- 66                  "      "      **wind and rain**
- 7              **Care of harnesses and accouterments**

DECIMAL CLASSIFICATION

- 636.084 Feeding
- 1 Feeding of young .
  - 11 Suckling
  - 12 Weaning
  - 13 Hand or artificial feeding
  - 2 General methods of feeding
  - 21 In stables, houses, etc.
  - 22 In pasture
  - 23 Mountain pastures, ranches
  - 31 Special provisions: water, salt, etc.
  - 4 Ordinary, rational feeding
  - 41 Rations Amount and proportion
  - 42 Kind and times of feeding
  - 45 Substitutions Variety
  - 5 Feeding for special purposes
  - 51 For breeding time
  - 52 For increase production: milk, eggs, etc.
  - 53 For work
  - 55 For fattening
  - 56 Forced feeding, cramming
- .085 Food
- 1 Composition
  - 2 Nutritive value
  - 3 Food experiments
  - 4 Commercial value
  - 5 Different kinds of food
  - For individual foods see 638.086 and .087
  - 51 Fresh or green fodder
  - 52 Ensilage
  - 54 Dry fodder
  - Hay, straw, grains
  - 57 Prepared foods
  - Industrial residues Cakes of oily grain or fruit
  - 6 Preparation and use of food
  - 9 Adulterations of foods for animals
- .086 Foods
- Divided like 633
  - 13 Oats
  - 15 Corn
  - 2 Forage crops, hay
  - 25 Straw
  - 255 Cornstalks
  - 32 Clover
  - 41 Beets

AGRICULTURE

- 636.087 Other foods
  - 4 **Fruits**  
Divided like 634
  - 5 **Garden crops**  
Divided like 635. Use only for material not covered by subdivisions of 633
  - 6 **Animal food**
  - 7 **Mineral foods: salt, condiments**
- .088 Utilization and training of animals
  - 1 For breeding purposes
  - 2 For work
  - 3 For production of food: meat, eggs, etc.
  - 4 For animal products  
Wool, skins, fethers, etc.
  - 6 Breaking, training, etc.
    - 61 To saddle, etc. for carrying purposes
    - 62 To harness, for work
    - 66 Special training
      - 661 Carrying messages
      - 662 Hunting
- .089 Hygiene, diseases, etc.  
Hygiene is usually better class 614.9, and Diseases 610
  - 1 **Anatomy**
  - 2
  - 3 **Hygiene**
  - 5 **Remedies, materia medica**
  - 6 **Diseases**
  - 7 **Surgical operations**
- .1 **Horse**
  - .11 **Oriental horse**  
Arabian, Persian, Tartar, Turkish, Barb
  - .12 **Speed horse, race horse, light type, 'hot blooded'**
    - .121
    - .122 **English thorobred or running horse**
    - .127 **Other European**
      - 1 **Russian Orloff trotters**
    - .128 **American trotter or pacer**  
**Morgan**
  - .13 **Saddle horse**  
Hunter; military (charger, cavalry horse, etc.), American saddle, Kentucky saddle, cob, park hack, palfrey

DECIMAL CLASSIFICATION

- 636.14 Coach or carriage horses  
     Harness horse
- .142 English coach  
     1 Cleveland bay  
     2 Yorkshire coach  
     3 Hackney
- .143 German coach  
     East Prussian or Trakehner, East Friesland, Rhenish Prussian, Mecklenburg, Schleswig, Hanoverian, Oldenburg, Holstein
- .144 French coach, ' demisang '
- .145 Italian: Corsican
- .15 Draft horse, cart horse, hevy type, ' cold blooded '
- .152 English  
     1 Clydesdale  
     2 Suffolk punch or draft  
     3 Black or shire draft
- .154 French and Belgian  
     1 Norman, Percheron  
     2 Ardennais  
     3 Boulonnais  
     4 Breton  
     5 Nivernais  
     8 Belgian draft, Flanders dray, Flemish horse
- .158 American draft  
     Conestoga
- .16 Ponies
- .161 Ponies for special purposes: polo
- .162 Scotch, English and Welsh  
     1 Shetland  
     2 Galloway  
     4 Exmoor  
     5 Dartmoor  
     6 New Forest  
     9 Welsh
- .168 American  
     Mustang, bronco, Indian pony
- .18 Allied animals
- .182 Ass: jackass, donkey, burro  
     Asiatic, Catalanian, Italian, Maltese
- .183 Mule, hinny
- .184 Zebra, quagga, etc.
- .185 Zebrule, zebroid

AGRICULTURE

- 636.2 Cattle Greater ruminants**  
May be divided like 636.081-.089, but for utilization use .21
- .21 **Uses**  
Subdivide like 636.088 See note above
  - .22 **English cattle**
    - .221 **Old stocks**  
Forest cattle, wild white, Chillingham
    - .222 **Beef breeds**
      - 1 **Short horns**
      - 2 **Durham**
      - 3 **Teeswater**
      - 4 **Lincolnshire**
      - 5 **Red shorthorn**
      - 6 **Hereford whitefaced**
      - 7 **Polled Hereford**
      - 8 **Sussex**
    - .223 **Scotch, Welsh and Irish beef breeds**
      - 1 **Aberdeen Angus**  
Angus doddie, Buchan humblies, polled Aberdeen
      - 2 **Galloway**  
Blue gray
      - 3 **West highland: Kylee**
      - 6 **Black Welsh**
    - .224 **Dairy breeds**
      - 1 **Channel island cattle**
      - 2 **Alderney**
      - 3 **Jersey**
      - 4 **Guernsey**
    - .225 **Scotch and Irish dairy**
      - 1 **Ayrshire**
      - 2 **Dunlop**
      - 3 **Cunningham**
      - 6 **Kerry**  
Dexter Kerry, Dexter shorthorn
    - .226 **Dual purpose breeds**
      - 1 **Devon**  
North Devon, Rubies, South Devon
      - 2 **South Hams**  
Hammers
      - 3 **Polled Durham**
      - 4 **Red polled**
      - 5 **Norfolk**
      - 6 **Suffolk**
      - 7 **East Anglian**
      - 8 **Longhorn (English)**  
Dishley

DECIMAL CLASSIFICATION

- 636.23 German, Dutch and Swiss cattle
  - .232 Beef breeds
  - .234 Dairy breeds
    - 1 Holstein
    - 2 Holstein Friesian
    - 3 East Friesian
    - 4 Oldenburg
  - .235 Dutch
    - 1 Dutch Friesian, Netherland, North Holland
    - 4 Dutch belted: Lakenfelds, Lakenvelders, Veldlakers
    - 6 Danish
    - 7 Jutland
  - .236 Dual purpose
  - .237 Swiss
    - 1 Brown Swiss
    - 2 Simmental
    - 3 Bernese
    - 4 Spotted race
- .24 French and Belgian
  - .242 Beef
  - .244 Dairy
    - 1 Breton, Brittany
  - .245 Belgian dairy
    - 1 Flamande, Flemish
    - 2 Rosenstein
  - .246 Dual purpose
    - 1 Norman
    - 2 Cotentin
- .27 Other European
  - .271 Russian
    - Kolmogorian
- .28 Other countries
  - .282 American beef breed
    - 1 Longhorn, Texas steer
  - .283 American dairy breed
    - 1 American Holderness, Holderness
    - 2 French Canadian, Quebec Jersey
- .29 Allied animals
  - .291 Brahmin sacred cattle; zebu
  - .292 Bison family
    - 1 Bison; American buffalo
    - 2 Cattalo
      - Hybrid of bison and cow
    - 3 European bison



AGRICULTURE

- 636.293 Buffalo or water buffalo *Bubalus*  
 Bhains, mhains, arna, arni (Hindu)  
 Moonding (Sudan)  
 Karbo or Karbon (Malay)  
 Carabao (Philippines)
- .294 Deer, reindeer
- .295 Camel: Arabian, Bactrian; dromedary
- .296 Lama, llama, alpaca
- .297<sup>1</sup> Yak
- 2 Gayal, gaur
- 636.3 Sheep, goats **Smaller ruminants**  
 May be divided like 636.081-.089, but for utilization use .31
- .31 Uses  
 Subdivide like 636.088 See note above
- .32 English breeds
- .321 Longwool breeds (coarse wool)
- 1 Cotswold
- 2 Leicester  
 English Leicester, New Leicester or Dishley, Bakewell's Leicester
- 3 Border Leicester  
 Halfbred or Leicester-Cheviot or Cheviot-Leicester or Upland Leicester
- 4 Lincoln
- 5 Kent or Romney marsh
- 6 Wensleydale  
 Bluefaced Wensleydale, Wensleydale longwool, Wensleydale blueface,  
 Teeswater
- 7 Devon longwool, Southam noils, Bampton noils
- 8 South Devon or South Dum
- 9 Roscommon
- .322
- .323 Shortwool breeds  
 Medium-wool; middle-wool; down sheep; mutton sheep
- 1 Southdown, Sussex, Sussex down  
 Including Underhill and Upperdown
- 2 Hampshire down, improved Hampshire down, Wiltshire brook,  
 Berkshire knot, Wiltshire hornd
- 3 Dorset or West country down, Dorset horn, hornd Dorset
- 4 Oxford or Oxfordshire down  
 Before 1859 call'd Down-Cotswold
- 5 Suffolk down, old Norfolk, hornd Norfolk
- 6 Shropshire down, Morfe common
- .324<sup>1</sup> Dorset and Somerset horn
- 2 Ryeland or Lempster
- 3 Clun Forest, Wicklow (Irish)
- 4 Kerry Hill (Irish)
- 5 Radnor

DECIMAL CLASSIFICATION

- 636.325 Mountain breeds
- 1 Cheviot
  - 2 Blackfaced
    - Scotch blackface or blackfaced Scotch, Linton Forest, Lammermuir, Tweeddale, blackfaced highland
  - 3 Herdwick
  - 4 Lonk or Lank Lancashire blackfaced
  - 5 Penistone
  - 6 Limestone, Limestone Crag
  - 7 Ruf Swaledale
  - 8 Shetland, Orkney, Hebrides
  - .3261 Derbyshire gritstone
  - 2 Dartmoor
  - 3 Exmoor Exmoor horn
  - 4
  - 5
  - 6 Cornwall
  - 7 Welsh mountain
  - .33 German and Dutch breeds Swiss
  - .331 Low country or marsh sheep
    - Hornless and short tailed
    - 1 Dutch Texel
    - 4 Friesian
      - East and North Friesland, Eiderstedt, Ditmarsh, Butjading, Zealand
    - 7 Northeast German
      - Vaga, Eibingen
  - .333 Upland sheep, heath sheep (German heidsnucken)
    - 1 Pomeranian or Polish, Mecklenburg (Spiegelschaf)
    - 2 Hessian
    - 3 Bavarian or Zaupel Franconian (Frankenschaf)
    - 4 Rhine
    - 5 Hanoverian, Münster
    - 6 Styrian or Carinthian
  - .34 French and Flemish breeds
  - .342 Central plateau breeds
    - 1 Auvergne
    - 2
    - 3 La Marche
    - 4
    - 5 Limousin
    - 6
    - 7 Saintonge
  - .344 Loire basin and north France breeds
    - 1 Berrichonne (Crevant, Cher, Indre)
    - 2 Solognote (Sologne)
    - 3 Comtoise (Franche-Comté)
    - 4 Ardennes (Poitou)
    - 5 Percheron (Perche)
    - 6 Angevin (Anjou)
    - 7 Cotentin
    - 8 Bretagne
    - 9 Charmoise (Loir et Cher)

AGRICULTURE

- 636.346 Pyreneese breeds
- 1 Basquaise
  - 2 B<sup>é</sup>arnaise
  - 3 Landaise
  - 4 Gasconne
  - 5 Lauraguaise
  - 6 Lot
  - 7 Albigeois
  - 8 Aveyron
- Varieties: Larzac, Lacaune, Olempe, Cevennes, Causse
- 9 Barbarins
- Varieties: Millery, Lahune, Marthold
- .35 Italian
- Neapolitan: long, broad or fat tailed Bergamasker; Paduan; Italian or Sardinian, mountain
- .36 Spanish breeds Merinos, etc.
- .361 Escorial or Estramadura
- .362 Guadalupe
- .363 Pavlar
- .364 Infantado
- .365 Nigretti
- .366 Other Spanish
- Aguirre, Atwood, Montares, Leonese, Churra
- .367 Other European merino breeds
- 2 British
  - 3 German
  - 31 Prussian
  - 32 Hanoverian
  - 33 Saxon
  - 34 Silesian
  - 37 Hungarian
  - 4 French: Rambouillet
  - 8 Danish, Swedish, etc.
- .368 Other merino breeds
- 1 American
  - 2 Delaine
  - 3
  - 4 Australian
- .37 Other European sheep
- .371 Russian
- .372 North Europe: Scandinavia, Iceland, Faroe ilands
- Ovis brachyura borealis*
- .373 Southeast Europe
- Long tail, broad or fat tail: Macedonian or Clementine
- Long tail and small tail, mixt wool: Cretan, Macedonian, Wallachian, Moldavian or Hungarian

DECIMAL CLASSIFICATION

- 636.38 Other countries  
 .385 Asiatic  
 Short tail, nornd: Tartar, Kalmuck, Kinghir, Buriat fat rump (*ovis steatopyga*); stump tail (*ovis brachycerca*). See also 636.386  
 Short tail, hornless: Mecca fat rump, Chinese (*ongtischaf*), Persian  
 Long tail, broad or fat tail, dumba (*ovis platyura*): Syrian, Anatolian, Karamanian or Levant, Persian, Bokhara  
 Arabian or Bedouin  
 Kabardian or Circassian
- .386 African sheep  
 Long tail, broad or fat tail: Egyptian, Tunisian, Berber or Algerian  
 Long and small tail, heavy fleece: Bischarin (Nubian), dinka (sheep with manes, *ovis africana*), high leg or Guinea sheep (Konzo), Morvan (*longipes*), Libyan or Fezzan, Zunu or Angola  
 Stump tail (*ovis brachycerca*). See also 636.385
- .39 Goats  
 May be divided like 636.031-.039, but for utilization use .391
- .391 Uses  
 Subdivide like 636.088 See note above
- .392 British goats  
 Irish goat, longhaird  
 English goat, shorthaird
- .393 German and Austrian goats  
 Hartz mt, Hinterwald, Hungarian, Langensalza, Saxony, Schwarzwald, Starkenburg, Westphalian, Wiesental
- 6 Swiss goats  
 Alpine or common goat  
 Blackneckt Valais, Schwarzhals or Schwarztal, Glacier, saddle Guggisberg
- 7 Toggenburg  
 8 Appenzell or flat-headed  
 9 Saanen or Sarnen, Gessenay or Gassenay
- .394 French goats: Tarentaise  
 .395 Italian goats: Maltese  
 .396 Spanish goats  
 Hornless, Granada, Malaga  
 Shorthaird reds, Spanish-Maltese
- .397 Other European goats  
 .398 Other goats  
 1 American goats  
 5 Asiatic goats  
 Tibet (China), Angora (Persia), Syrian
- 54 India  
 Kashmir (or shawl Tibet), Nepal (variety of Nubian), Surats, Tarh (shaggy brown Himalayan goat)
- 6 African goats  
 Abyssinian (or Nubian), Guinea
- 62 Egypt  
 Egyptian (or Nile), Theban, Zazaibi

AGRICULTURE

636.4

**Swine**

May be divided like 636.081-.089, but for utilization use .41

.41

**Uses**

Subdivide like 636.083. See note above

.42

**English breeds**

.421

**Small black breeds**

Use also for small breeds in general

1

**Essex**

2

**Sussex**

3

**Suffolk**

.422

**Small white breeds**

1

**Windsor**

2

**Small Yorkshire**

3

**Coleshill**

.424

**Large white breeds**

1

**Yorkshire**

2

**Lancashire**

3

**Cumberland**

4

**New Leicester**

5

**Lincolnshire**

6

**Suffolk**

.426

**Medium colored breeds**

Use also for medium breeds in general

1

**Black Berkshire**

2

**Red Tamworth**

3

**Red Berkshire**

.427

**Medium white breeds**

1

**Middle Yorkshire**

3

" **Suffolk**

.43

**German and Dutch breeds**

.431

**Lowland breeds      Southern Germany**

Use this also as general number for short-ear swine

Bavarian	Franconian	Halle	Swabian
Düsseltaler	Glanschwein	Luzern	Wurtemberg

.432

**Hungarian short ear**

Carpathian, Bergschlag  
Bakonyer or Bakouner  
Szalontaer

.433

**Western and Northern Germany**

Use this also as general number for large-ear. Large Polish, Meissner

.434

**German marsh swine, large ear**

Danish islands	Holland	Mecklenburg	Schleswig-Holstein
Hanover	Jutland	Oldenburg	Westphalia

DECIMAL CLASSIFICATION

- 636.44 French
  - .441 Large-ear French Celtic breed
    - Northeastern France
    - Champagne
  - .443 Northwestern France
    - Breton
    - Norman Augeronne
    - Craonnaise
    - Mancelle
    - Angevin
  - .445 Southwestern France Spanish origin
    - French Perigord
    - Quercy
    - Limousin
    - Gasconne
    - Béarnaise
  - .447 Southeastern France
    - Provence
    - Roussillon
    - Languedoc
    - Bressane
  - .449 Swiss
    - Grison Bündener
  - .45 Italian, Neapolitan, Maltese, Tuscan, Romagnole
  - .46 Spanish and Portuguese
  - .47 Other European
    - .471 Curly bristles Southeastern Europe
    - .472 Serbian Syrmian
      - Mongolica or Mangalica
      - Curly-bristle Hungarian
      - Milos
      - Sumadia or Obrenovica
    - .473 Croatian
    - .474 Rumanian, Moldavian
      - Anatolian
      - Albanian
    - .475 Russian
  - .48 Other countries
    - .481 American breeds
      - .482 Poland-China
      - .483 Red Jersey or Duroc-Jersey
      - .484 Asiatic: Chinese, Tonkin, Siamese
      - .485 Africa
        - .486 Cape breeds, Sennar, Guinea
      - .489 Oceania
        - Papuan

AGRICULTURE

636.5

**Poultry**

May be divided like 636.081-.089, but for utilization use .51

.51

**Uses**

Subdivide like 636.088; e. g. 636.513 Capon. See note above

.52

**English breeds**

.521

Dorking

.522

Sussex or Surrey

.523

Kent

.524

Orpington

.525

Redcap

.526

Other English

Lincolnshire buffs

.527

Scotch grays

.528

Other Scotch

Scotch balties or dumpies      Jumpers      Dumbartonshire

.53

**German and Dutch breeds**

.531

Hamburg

.532

Lakenfelder

.533

Ramelsloher

.536

Styrian

.537

Bohemian

.538

Other

East Friesian, Westphalian, Thuringian, Alsatian, Nassau, Augsburg, etc  
Magyar

.54

**French and Belgian breeds**

.541

Crèvecoeur

.542

Houdan

.543

La Flèche      Le Mans      Caux

.544

La Bresse, Louhans, Bourg, Bourbourg, Barbézieux,  
Coussade, Courtes-pattes

.545

Faverolles

.546

Gournay, Pavilly, Caumont

.547

Other

Coucou, French cuckoo, Mantes, Estaires

.548

**Belgian breeds**

Campenes or Campines, or Brackel; Brabant. Huttegen  
Bredes or Guelders or Guelderlands. Coucou de Malines. Bruges

.55

**Italian breeds**

Use also as general number for Mediterranean breeds

.551

Leghorn

.552

Paduan or Polish (in England)

Also called Pompadour, Padouse, Polanders

.553

Polverara

.554

Ancona

DECIMAL CLASSIFICATION

- 636.56 Spanish breeds
  - .561 Castilian
  - .562 Minorcan
  - .563 Black Spanish
  - .564 Blue Andalusian
  - .565 Prat
  - .57 Other European
    - .571 Pavloff (Russian)
    - .572 Siberian featherfooted
    - .573 Sultans
  - .58 Other countries
    - .581 American breeds
      - 1 Dominican, Dominique, Dominikai
      - 2 Jersey blue
      - 3 Bucks county
      - 4 Java
      - 5 Buckeye
      - 6 Winnebago
    - .582 Plymouth rock
    - .583 Wyandotte
    - .584 Rhode Island red
    - .585 Asiatic breeds
      - 1 Cochin China Shanghai
      - 2 Brahmaputra Brahma, Gray Chittagong
      - 3 Langshan
      - 4 Malay
      - 7 Japanese fowls
        - White Yokohama
        - Phoenix
    - .587 Special varieties
      - 1 Bantams
        - 11 Common
        - 12 Game
        - 13 Polish
        - 14 Asiatic
        - 15 Japanese
    - .588 Other
      - 1 Game
        - 11 Azeel or Aseei
        - 12 English game
        - 13 Sebright (a bantam only)
        - 14 Cornish Indian, or Indian (in England), or Cornish (in America)
        - 15 Malay
      - 2 Deformed
        - Rumpless or tailless or Wallikiki; Turkey necks, naked necks, Gillikins, nude
      - 3 Silkies
      - 4 Frizzles



AGRICULTURE

- 636.59 Other fowls  
 .592 Turkey  
     1 Original species  
     11 American, or N. American 'original' or wild turkey (meleagris Americana)  
     12 Mexican wild turkey (meleagris Mexicana)  
     13 Honduras wild turkey (meleagris ocellata)  
     14 Crested turkey  
     2 Bronze  
         English Cambridge turkey  
     3 Narragansett  
     4 Buff  
     5 Slate or Austrian whites (in England)  
     6 White, or White Holland (in America)  
     7 Black, or Norfolk or black Norfolk (in England)  
     8 Bourbon red, or Bourbon butternut, or Kentucky red  
 .593 Guinea fowl  
 .594 Fezant  
 .595 Peacock  
 .596 Pigeons  
     1 High class fancy pigeons  
     11 Pouters  
     12 English carrier  
     13 Runt  
     14 Barb  
     15 Shortface tumbler  
     2 High class toy pigeons  
     21 Fantail  
     22 Owls  
     23 Turbits  
     24 Frilbacks  
     25 Jacobins  
     26 Trumpeters  
     27 Scandaroons  
     28 Florentine amalgamated, Hen  
     31 Dragoon, Horseman  
     32 Priests  
     33 Brunswick  
     34 Oriental frils  
     35 Homers, white homing, Antwerp  
     4  
     5 Other toy pigeons

DECIMAL CLASSIFICATION

- 636.597 Ducks
  - 2 English breeds
    - 21 Aylesbury
    - 22 Indian runner
    - 23 Blue Swedish
  - 4 French breeds
    - Rouen, colored Rouen, also called Rhone and Roan
  - 8 Other countries
    - 81 American
      - 82 Cayuga, black Cayuga
        - Also called Big black and Lake duck
    - 83 Muscovy
      - Colored Muscovy, Musk duck, white Muscovy
    - 85 Asiatic: Pekin, white Pekin
      - By Chinese called Mandarin
- .598 Goose
  - 3 German: Emden, white Emden
  - 4 French: Toulouse, gray Toulouse
  - 7 Sebastopol
  - 8 Other countries
    - 81 Wild or Canadian Gray wild
    - 85 Chinese: white, brown
    - 86 African
      - Also called Indian, gray African and Guinea
    - 87 Egyptian Colored Egyptian
    - 89 Spurwing (Australia)
- .6 Birds
  - For poultry see 636.5. Here are class domesticated birds useful for plumage or work, and pet birds
  - .61 Birds useful for their feathers
    - For geese see 636.598
  - .611 Ostriches
  - .62
  - .68 Song and ornamental birds
    - .681 Swan
    - .686 Cage and aviary birds
- .7 Dogs
  - May be subdivided like 636.081—.089, but for uses see 636.72—.765
  - .71 Breeds
  - .72 Utility dogs
    - .73 Draft and other work dogs
    - .74 Watch dogs, herd dogs
    - .75 Hunting and sleuth dogs Carrier dogs
    - .76 Pet dogs
      - .765 Toy dogs
    - .77 Dogs in art
      - See also 758 Animal painting
    - .78 Dogs in literature
      - Essays, stories, biography, etc.
    - .79 Other topics

AGRICULTURE

- 636.8 Cats
  - .81 Breeds
  - .87 Cats in art See also 758 Animal painting
  - .88 Cats in literature
    - Essays, stories, etc.
  - .9 Other: rabbits, guinea pigs, elephants, etc.

637 Dairy and dairy products

- .1 Milk
  - .11 Economics
  - .113 Dairy farms
    - Description of individual farms
  - .116 Finances and accounts
    - .117 Expenses
    - .118 Returns
    - .1185 Sale price
  - .12 Production and composition
    - .121 Choice of dairy cows
    - .122 Special food
    - .124 Milking
      - Milk pails, milk stools, milking tube
    - .125 Artificial milkers
    - .127 Composition of milk
      - 1 Fat
      - 2 Lactose, milk sugar, lactin; galactin
      - 3 Casein
      - 6 Milk testing
 

Creamometer	Lactobutyrrometer	Lactodensimeter	Lactoscope
Galactometer	Lactocrite	Lactometer	Percent tube
      - 7 Milk analysis
  - .13 Care of milk
    - .131 Buildings, dairies
    - .132 Installation, apparatus
      - 1 Refrigerating apparatus, milk cooler
      - 2 Heating apparatus
      - 3 Pasteurizers
      - 7 Receptacles Storage Milk pans
    - .133 Preservation
      - 1 Chilling
      - 2 Heating
      - 3 Pasteurizing
    - .135 Transportation and sale of milk
      - Milk cars, milk wagons, bottles, cans

DECIMAL CLASSIFICATION

637.14	Utilization	Consumption		
.141	Whole milk			
.142	Condens milk			
.143	Milk powder			
.144	" farina			
.145	" sugar			
.146	Fermented milk	Kumis		
.147	Skim milk			
.148	Cream			
.16	Accidents	Alterations	Diseases	Impurities Adulterations
.17	Milk other than cow's milk			
.171	Mare's milk			
.172	Ass's "			
.173	Ewe's "			
.174	Goat's "			
.18	Substitutes for milk			
.181	Vegetable milks			
.2	<b>Butter</b>			
.21	Economics			
.216	Finances and accounts			
.217	<b>Expenses</b>			
.218	<b>Returns</b>			
.2185	Sale price			
.22	Composition			
.221	Character and properties of butter			
.222	Constituents of butter			
.223	Grades of butter			
.225	Butter testing			
.227	" analysis			
.23	Preparation of butter			
.231	Buildings	Creameries	Butter factories	
.232	Installation, apparatus			
1	<b>Separators</b>			
11	Skimmer			
12				
13				
14	Centrifugal separators			
2	<b>Churns</b>			
3	<b>Washers</b>			
4	<b>Workers</b>			
8	<b>Presses, molds, stamps, etc.</b>			

AGRICULTURE

637.233	Butter making			
	1	Separating cream		
	2	Churning		
	3	Washing		
	4	Working		
	5	Salting		
	6	Pasteurization		
	7	Ripening		
.235		Transportation and packing		
	1	Methods of packing	Receptacles	
.24		Utilization	Consumption	
		Including residues		
.247		Buttermilk		
.26		Alterations	Diseases	Impurities
				Adulterations
.27		Renovation		
.28		Substitutes for butter		
.281		Oleomargarin		
.282		Butterin		
.3		<b>Cheese</b>		
.31		Economics		
.316		Finances and accounts		
.317		Expenses		
.318		Returns		
	5	Sale prices		
.32		Character and composition		
.321		Character and properties		
.322		Constituents		
.323		Grades of cheese		
.325		Cheese testing		
.327		Cheese analysis		
.33		Cheese manufacture		
.331		Cheese factories		
.332		Installation, apparatus		
	1	Borlen		
	2	Curd mils		
	3	Presses		
.333		Cheesemaking		
	1	Curdling	Rennet	
	2	Refining		
	3	Pressing		
	4	Heating		
	8	Putting in molds		
.335		Transport, packing, etc.		
	1	Packing		
	2	Storage		

DECIMAL CLASSIFICATION

- 637.34 Utilization Consumption  
Including by-products
- .345 Milk sugar
  - .347 Whey butter
  - .35 Varieties
  - .351 Rennet cheese from cow's milk
  - .352 Soft cheese, fresh, unripened
  - .353 " " ripened
    - 2 English
    - 3 German: Limburger
    - 4 French: Brie, Camembert, Neufchatel
    - 5 Italian: Gorgonzola
  - .354 Hard cheese
    - 2 English: Cheshire, Cheddar, Sage, Stilton
    - 3 German, Swiss, etc.: Emmental, Edam
    - 4 French: Gruyère, Gex
    - 5 Italian: Parmesan
    - 6
    - 7 Other European
  - .355 Rennet cheese from other than cow's milk
    - 1 From sheep's milk: Roquefort, Texel
    - 2 " goat's "
    - 3 " reindeer "
    - 4 " buffalo "
  - .356 Sourmilk cheese from cow's milk  
Cottage cheese, Dutch cheese, pot cheese, smear-case
  - .357 Sourmilk cheese from other than cow's milk
- 638 Bees, silkworms, etc.
- Insects whose products are useful for food or manufactures
- .1 Bees, honey, wax
  - .2 Silkworms
  - .3 Cochineal
- 639 Hunting, trapping, fish culture, etc.
- See also 799 for sporting side
- .1 Hunting, trapping, game preserves, etc.  
Fox, skunk, etc. farms
  - .2 Fishing as an occupation
  - .3 Fish culture Pisciculture  
Including turtle, terrapin, frogs
  - .4 Oysters and other mollusks Shelfish  
Oyster, clam, mussel, snail, pearl-fishing, scallop, quohog, cockle, winkle, periwinkle
  - .5 Crustaceans  
Lobsters, crabs, crawfish, shrimps, prawns
  - .6 Other sea food  
Sea urchin, echinus
  - .7
  - .8 Leeches

# 640 Domestic economy

Public as well as private household administration covering work of housekeeper, matron, steward, janitor, etc. in hotels, clubs, apartments, boarding houses, schools, restaurants, factories, offices and other commercial buildings, churches, theaters, railway stations, ships and other public gathering places.

For economics of consumption, including standards of living, see 339; for care of library buildings see 025.9. Numbers for allied subjects in army and navy will be provided under military and naval science. See also 331.83 Food, clothes and shelter of laboring classes

## SUMMARY

- 641 Food, cookery
- 642 Serving, entertaining
- 643 Shelter, house, home
- 644 Heat, light, ventilation
- 645 Furniture, furnishings Decoration
- 646 Clothing, toilet
- 647 Administration, household management
- 648 Sanitary precautions, cleaning
- 649 Nursery, sickroom

- .1 Theories, utility, etc. .4 Essays
- .2 Compendis .5 Periodicals
- .3 Dictionaries, cyclopedias .6 Societies
- .7 Study and teaching

Schools of housekeeping, experiment stations. Investigations of home conditions. For cooking schools see 641.07

### .71 Schools and experiment stations

See 630.7 Agricultural schools, farmers institutes; 630.6 Farmers associations, granges, etc; 371.42 Manual training courses; 371.6764 Laboratory equipment for home economics courses; 375.64 Place in curriculum; educational values. 640.711-.74 may be used for keeping all phases of the subject in 640

### .711 College and university courses and departments

Schools of college grade

### .712 Secondary courses; high school

### .713 Elementary courses; below high school

### .714 Extension work

Courses for special needs: women's clubs, farmers' wives, etc.

### .72 Research work: experiment stations, graduate courses

For Sage foundation see 306

### .73 Normal courses, teachers institutes, etc.

### .74 Exhibits Museums

### .9 History

## 641 Food Cookery

For physiology of nutrition, see 612.39; for dietetics and dietary standards, 613.2; for food values, 641.1

### .01 Gastronomy Epicurism

Pleasures of eating, esthetics of cookery, epicures (gourmets). For gluttony, see 178.91 and 613.25

### .02 Compendis

### .03 Dictionaries, cyclopedias

### .04 Essays, addresses, lectures

### .05 Periodicals

### .06 Societies

### .07 Study and teaching Cooking schools, classes and clubs

### .08 Polygrafy

### .09 History and description

Divided like 930-999. Including foods characteristic of different peoples, but for preparation of specific dishes (i. e. recipes) peculiar to special countries see 641.59

DECIMAL CLASSIFICATION

**641.1 Food chemically considered Food values Tables**

For methods of chemical analysis see 543.1; for adulterations see 614.3; for commercial preparation or manufacture see 664; for physiology of nutrition see 612.39; for dietetics see 613.2

612.39 treats of physiologic effect of different kinds and quantities of foods from purely scientific point of view, without regard to benefit or injury

613.2 treats of food requirements in special conditions of age or disease and of the beneficial or injurious effects of different kinds of foods

641.1 translates scientific facts into familiar terms for cook and housekeeper. treats of the required amount of the different constituents and their proportion as found in various foods

.11 **Organic food constituents**

.12 **Proteids or nitrogenous foods**

Meat, eggs, nuts, legumes, etc. See also 612.398

.13 **Carbohydrates or nonnitrogenous foods**

Vegetables, cereals, fruits, sugar See also 612.396

.14 **Fats, oils**

See also 612.397

.15 **Inorganic food constituents**

.16 **Water**

.17 **Salts, mineral or ash constituents**

**.3 Animal and vegetable foods**

Class here also works dealing both with food material and its preparation

Subdivided like 630 e.g. 641.33, Cereals, 641.34 Fruits

.31 **Prices Relativ cost**

Quality and other factors in buying for table

**.4 Food preservation Markets**

Subdivide like 664 (not yet completed)

For commercial methods see Chemic technology 664.8-.9; for transportation see 656 (subdivision not completed)

**.5 Cookery Cook books**

General recipes, specific directions, in whatever form (books, cards, etc) for preparing food

Distinction between 612.39, 613.2 and 641.5: in 641.5 class cook books and collections of recipes in which physiologic and hygienic effects of foods (if treated at all) are secondary; in 613.2 class dietaries and selection and preparation of food for special systemic conditions, with recipes subsidiary or with recipes and diet about evenly balanced; in 612.39 class the scientific study of physiologic effects of various foods, regardless of benefit or injury

See also 641.59 Recipes peculiar to special countries; 641.6 Cookery of specific substances; 641.7 Cookery by specific processes; 641.8 Composit dishes, ices, confectionery, beverages

.52 **Breakfast**

.53 **Luncheon, afternoon tea, supper**

.54 **Dinner**

.55 **Economic cookery**

.56 **Special conditions**

Under limitations of age, helth, ethcal or religious theories, etc

.562 **Children**

.563 **Invalids and aged Hospital cookery**

.564 **Ethical limitations**

.565 **Religious limitations**

.566 **Seasons and days: Lent, fast days, etc.**

.567 **Cults: Jews, Buddhists, etc.**



DOMESTIC ECONOMY

- 641.57 Special situations  
 Adaptation to large numbers, large variety, and limitations of time, place or appliances
- .572 Hotel and restaurant cooking
- .573 Army and navy cooking  
 See also 355
- .574 Shipboard cooking  
 Exclusiv of navy
- .575 Camp and travel cooking
- .576 Railway dining and buffet cars
- .577 Itinerant companies; circuses, etc.  
 Methods of feeding large numbers en route or in temporary shelters
- .578 Camp cooking
- .58 Special utensils or fuels
- .583 Cooking by oil  
 Including oil and gas together
- .584 Cooking by gas
- .585 Cooking by alcohol Chafing dish recipes
- .586 Cooking by electricity
- .587 Cooking by apparatus heated by steam or hot water
- .588 Cooking by slowly applied heat  
 Aladdin ovens, fireless cookers
- .59 Cookery of special countries  
 Class here descriptions of national cookery or recipes for dishes characteristic of special countries or regions
- .591 Frigid zone and cold wether
- .592 Tropics and hot wether  
 Divide farther like 930-999, using these numbers preferably only for reference and shelving books under 641.5-.578
- .6 Cookery; clast by material  
 Subdivide like 641.3
- .7 Cookery; clast by process
- .71 Baking, roasting
- .72 Braising
- .73 Boiling, simmering Soups
- .74 Stewing
- .75 Steaming
- .76 Broiling, grilling
- .77 Frying, sautering
- .8 Composit dishes  
 Ices, confectionery, beverages, etc. See also 641.53 Luncheon, afternoon tea, supper
- .81
- .82 Entrées Made dishes
- .83 Salads
- .84 Sandwiches
- .85 Confectionery, candies, sweets, bonbons
- .86 Ices: ice cream, sherbet, water ices, etc.
- .87 Beverages Soft drinks  
 See also 663 Manufacture of beverages; 663.8 Bartenders manuals, mixing drinks; 613.3 Hygiene of beverages

## 642 Serving Table Entertaining

- See also 395 Etiquet
- .1 **Home and family meals**  
Breakfast, lunch, dinner, supper. Menus and servis  
For tables of chemic constituents and calories see 641.1
  - .2 **Refreshments**  
Afternoon tea, sandwiches, ices, soft drinks
  - .3 **Camp, picnic and travel lunches**  
Lists of supplies; suitable food and dishes; packing and accessories. For  
recipes see 641.53; for camp cookery see 641.578
  - .4 **Entertaining**
    - .41 Private entertainments
    - .42 Small numbers  
Luncheons, dinners, etc.
    - .43 Large numbers  
Receptions, balls, garden parties, etc.
    - .45 Public entertainments  
Banquets, dinners, clambakes, etc. For history of banquets, eating, etc.  
see 394.1 under Public and social customs. For dining room see 643.4
    - .48 Toasts Table anecdotes and conversation  
See also table talk in literary miscellany
  - .5 **Table systems for large numbers**
    - .51 Table d'hôte
    - .52 American plan
    - .53 European plan, à la carte
    - .54 Club: choice of combinations
    - .55 Harvard Memorial hall plan  
Harvard university plan of a fixt charge for essentials, and coupons  
(alimentary milage) for extras
    - .56 Mixt plan  
Table d'hôte and à la carte; table d'hôte and club
    - .57 Lunch counters Cafeteria
    - .58 School lunch rooms  
Management, prices, rules for payment, suitable food, freedom of choice, etc  
See also 371.716 School meals
  - .6 **Serving Carving**  
Directions for setting table, changing courses, etc.
  - .7 **Table furnishings**  
Linen, china, glass, plate, etc. Preferably clast here, tho possible to be con-  
siderd part of 645.66 Dining room furnishings
  - .8 **Table decoration**  
Selection and effectiv arrangement of flowers, colors, lights, centerpieces etc.

643 Shelter: house, home

For types of houses and plans see 725, 727 and 728; for materials and construction see 690; for heating and ventilation see 628.8, 644 and 697; for lighting, 628.9 and 644.3; for plumbing and gasfitting see 696; for furnishing see 645

.1 Location, site

Social and religious character of neighborhood; accessibility, railways, tramways, etc; nearness to churches, schools, markets, etc. Property increasing or decreasing in value

For hygiene of soil and grounds (city, village or country) see 614.77; for Sanitation, water supply and drainage see 628

.2 Plan

Requirements of house for convenient and economic administration; relative situation and intercommunication of rooms, amount and direction of light, etc. Special rooms: kitchen, dining room, baths, etc. For detached rooms and buildings see 728.9; for furnishing see 645; for architectural aspect of structural parts of house (foundation, floors, walls, etc.) see 721; for wall finish see 729.31

.3 Kitchen and its equipment

.31 Plan: situation and arrangement

Relation to rest of house. Housekeeper's requirements as guide to architect. Light. For plans see 728 Residences, and 728.93 Detached kitchens

.32 Ventilation

Carrying off odors, etc.

.33 Stoves, ranges, cookers, hot tables, fuels

See also 641.58 Cooking by special utensils or fuels

.331 Fireplaces, open fires: turnspit, crane, etc.

.332 Coal and wood Stoves and ranges

.333 Oil and oil stoves

.334 Gas and gas stoves

Including natural gas and acetylene

.335 Alcohol and alcohol stoves Chafing dish

.336 Electricity and electric stoves

.337 Steam heated cooking appliances Steam tables

.338 Slow and fireless cookers

Aladdin oven, Norwegian haybox. See also 641.588

.34 Machinery and labor savers

.35 Utensils

.36 Pastry room

.37 Storeroom, larder Refrigerators

.38 Care of kitchen and accessory rooms

.39

.4 Dining room and adjuncts

.45 Serving room Butler's pantry

.47 Other pantries

.48 Cupboards

.5 Other special rooms

.52 Baths, lavatories, toilets

.57 Sun rooms, solariums: sleeping balconies, etc.

.58 Laundry

Place in house; for equipment see 648. See also 728.93 Detached laundries

.6 Labor savers

General: bells, telephones, tubes, lifts, chutes, door openers and closers, etc. See also special subjects; e.g. 648.52 Vacuum cleaners

.7 Repair

**644 Heat Light Ventilation**

- .1 Systems of heating**  
Desiderata, relativ advantages for household  
For varieties of apparatus and installation see 697; for sanitary engineering see 628.8
- .15 Fireplaces Family hearthstone**  
Open fire as household institution; mental influence  
Sanitary advantages. See also 749 Artistic fireplaces
- .19 Portable heaters: bedwarmers, warming pans, footwarmers**
- .2 Fuels**  
Relativ cost; cleanliness; labor involved, e.g. hauling and carrying wood or coal and removing ashes. Chimney sweeping
- .21 Wood**
- .22 Coal**
- .23 Oil, gasoline, etc.**
- .24 Gas**
- .26 Electricity**
- .3 Systems of lighting**  
Fixtures, fittings, accessories. Class here general discussion covering fixtures and medium, their relativ advantages, etc. For medium alone see 644.31; for fixtures see 644.32
- .31 Lighting medium**  
See also Chemic technology 665
- .311 Candles**
- .312 Oil**
- .313 Gas**
- .314 Acetylene**
- .315 Electricity**  
See also 621.32 Electric lighting
- .319 Other**
- .32 Apparatus and accessories**  
Subdivide each, if wiaht, like 644.31
- .321 Hand lamps Candlesticks**
- .322 Lanterns**
- .323 Table, banquet and piano lamps**
- .324 Standards**
- .325 Wall lamps Sconces**
- .326 Chandeliers Ceiling fixtures**
- .5 Ventilation**  
Most material belongs elsewhere: hygienic influence of air and light 613.1; sanitary engineering 628.8; ventilating apparatus 697.9. For advantages of fireplaces see 644.15

## 645 Furniture, carpets, upholstery Decoration

For plan and furnishing treated together see 643

See also hygiene 613.59; architectural decoration 720; design 745; artistic furniture 749; manufactures of cotton, wool, etc. 677

- .1 **Floor coverings: carpets, rugs**
- .2 **Wall coverings**
- .3 **Window and door furnishings**  
Screens, shades, awnings, draperies, wether strips
- .4 **General furniture**  
See also 645.6 Furnishings for special rooms
  - .41 **Chairs**      **Footstools**
  - .42 **Couches**      **Settees**
  - .43 **Tables**
  - .44 **Desks**
  - .47 **Cushions, pillows, etc.**
  - .48 **Linen**  
Removable furniture covers, centerpieces, etc. See also 642.7 Table furnishings; 645.67 Bedroom furnishings
  - .49 **Other**
- .5 **Ornaments**  
Clocks, vases, pictures, statuary, etc. See also 739 Bronzes, brasses bricabrac
- .6 **Special rooms**  
For kitchen see 643.3; for laundry see 648
  - .61 **Hall and stairs**  
Hatracks, umbrella stands, etc.
  - .62 **Drawing room**      **Reception room**      **Parlor**
  - .63 **Library**
  - .64 **Study or offis**
  - .65 **Living room**  
Class here furnishings of room used as combined reception room, library and living room
  - .66 **Dining room**  
For table equipment and decoration see 642.7-.8
  - .67 **Bedrooms and nursery**  
Sleeping balconies, open air bedrooms. Beds and bedding, linen, etc. For nursery see also 649
  - .68 **Bathrooms**      **Lavatories**      **Toilets**  
Fittings and supplies. See also 646.7 Bathing
  - .69 **Other rooms**  
Music, billiard and ball rooms, picture gallery, servants rooms, cellar, attic
- .8 **Outdoor space**  
Verandas, balconies, roof gardens  
For sleeping balconies see 645.67. See also 712 Private grounds; 717 Arbors, seats, outlooks

## 646 Clothing Toilet

See also ethics of dress, display 177.4; ecclesiastic costume 247.7; clothing as related to economics of laboring classes 331.83; bleaching and dyeing 667.1-.3; academic costume 378.29; history of costume 391; clothesmaking 687; hygiene of clothing 613.48; adulteration of textiles 614.37; for uniforms and liveries see occupations to which they pertain

- .01 Psychology and economics of fashions
  - Reasons for change of fashions; expense of fashionable dressing
- .02 Compendis
- .03 Dictionaries, cyclopedias
- .04 Essays, lectures, addresses
- .05 Periodicals
- .06 Societies Dress reform societies
- .07 Study and teaching
- .08 Polygraphy
- .09 Adaptation to climate or season
- .091 Clothing for cold wether and frigid zones
- .092 " " hot " " tropics
- .1 **Materials Textils and fibers**
  - With reference to domestic use, or domestic use and hygiene combined. For hygiene of materials see 613.481; for general works on textils and fibers see 677 Manufacture of textils
  - .11 Cotton
  - .12 Linen Flax Hemp
  - .13 Wool Mohair, alpaca, camel's hair, rabbit's hair, etc.
  - .14 Silk
  - .15 Lether
  - .16 Fur
  - .17 Other animal materials: fethers, hair, whalebone
  - .18 Other vegetable materials
  - .181 Rubber
  - .182 Paper
  - .183 Celluloid
  - .184
  - .185 Straw Raffia
  - .186 Other fibers: jute
  - .19 Other materials Tinsel, aluminum, asbestos, etc.
- .2 **Sewing Knitting Crochet**
  - For fancywork see 746
  - .21 Plain sewing
    - Running, backstitching, hemming, overhanding, etc.
  - .24 Mending Darning
  - .26 Knitting and crochet Tatting
    - For machineknit goods see 677
  - .27 Crochet
- .3 **Clothing divided by wearers**
  - Class here trade catalogs; e.g. Liliputian bazar catalog 646.16
  - See also 391 Costume; 687 Clothesmaking as a trade
  - .32 Clothing for men
  - .34 " " women
  - .36 " " children

## DOMESTIC ECONOMY

### 646.4 Clothing divided by purpose

Including directions to amateurs for cutting and making, economic use of material, suitability of material for purpose, adaptation of style to material and purpose, choice of color, etc. For limitation to special kinds of garments see subdivisions below; e.g. patterns or catalogs of underwear 646.42

Subdivisions .42-.48 may be farther divided by 2 Men, 4 Women, 6 Children

- .42 Underwear
- .43 Outer house garments
  - Gowns or dresses, coats, trousers, etc.
- .45 Outdoor garments
  - Cloaks, coats, overcoats, shawls, sweaters, etc. See also 646.5 Hedgear, millinery; 646.48 Accessories: gloves, mufflers, etc.
- .46 Outer footwear
  - For hose see 646.42
- .47 Garments for special purposes
  - Negligée, lounging or smoking, yachting, bathing, hunting, riding, etc.
- .48 Accessories
  - Neckties, collars, cuffs, belts, aprons, caps, handkerchiefs, gloves, mufflers, garnitures, etc.
  - For outdoor hedgear see 646.5
- .5 Millinery Outdoor hedgear
  - See 687 Millinery as a business
- .52 Hats, caps, etc. for men
- .54 Hats and bonnets for women
- .55 Other outdoor hedgear for women
  - Hoods, scarfs, etc.
- .56 Hedgear for children
- .57 For boys
- .58 " girls
- .6 Cleaning Drycleaning
  - For laundry see 648.1
- .7 Toilet Cosmetics Bathing
  - Care of hair, nails, teeth, etc.
  - For historic customs see 391.5-.6. See also hygiene, 613.4 care of body

### 647 Household organization and administration

- .1 Household accounts; finances, cost
  - See also bookkeeping 657
- .2 Personnel
  - Intelligence office, employment bureau
  - Class here regular employees or assistants; for occasional employees see 647.29
  - For ethical considerations, see 173.8. See also political economy, 331 Labor and wages
- .21 Manager
  - Superintendent, housekeeper, steward. See also 640.8
- .22 Male employees
- .23 Female "
- .24 Foren "
  - Races and nationalities: orientals, negroes, etc.

DECIMAL CLASSIFICATION

- 647-25 Indoor servis
  - Cook, butler, waitress, parlor maid, lady's maid, chambermaid, nurse, laundress, furnaceman, etc. For housekeeper, steward, etc. see 647.21; for outdoor servis see 647.3
- .29 Other employees
  - Emergency help, household registers
- .3 Servis outside the house
  - Coachman, gardener, laborers
- .6 Wages Hours Duties
- .9 Cooperativ and collectiv housekeeping
  - Hotels, clubs, apartments, commercial bildings, churches and other public and semipublic establishments or rooms
  - See also 692.9 Bilding laws; 728 Residence architecture
- .91 Tenements
  - See also 728.1 Tenement house architecture; 331.83 Housing of laboring classes, including tenement house laws; 613.53 Hygiene of tenements
- .92 Apartments, flats
  - See also 728.2 Apartment house architecture
- .93 Cooperativ housekeeping
  - See also 334.4 for economic aspect
- .94 Hotels Clubs
  - See also 728.4 Clubhouse architecture; 728.5 Hotel architecture
- .95 Restaurants, tea rooms, etc.
  - See also 642.5 Table systems for large numbers
- .96 Public bildings Institutions
  - General administration and care affecting helth and convenience of occupants and public; janitor's duties. May be subdivided if wisht like 725; e.g. 647.962 Administration of offis bildings, or 647.9623 if so close classification is preferd
  - See also 362 Hospitals, asylums, etc; 365 Prisons
- .97 Cottage systems
- 648 Sanitary precautions: laundry, cleaning
  - .1 Laundry Washing
    - Private, cooperativ, public. For other processes of clothes cleaning see 646.6
    - Dry cleaning. For sanitary precautions see 648.5-.6; for pests see 648.7
  - .11 Administration Accounts
  - .12 Marking
  - .14 Equipment
    - Collectiv: specifications and cost. Class specific appliances with processes to which they belong
  - .15 Hand equipment
  - .16 Power "
  - .18 Supplies
    - Soap, starch, bluing, powders, reagents
  - .2 Washing
    - Requirements of temperature, ingredients, etc. for different materials Wash- ing directions
  - .22 Washing by hand
  - .23 " machine
  - .25 Starching
  - .27 Bluing Tinting



DOMESTIC ECONOMY

- 648.3 Drying    Driers    Extractors    Wringers**  
    Confined or open air    Temperature    Effect on dyes of freezing, etc.
- .4 Ironing**
- .42 By hand    Sad irons**  
    Electric and gas heated irons, etc.
- .43 By machine    Collar and shirt machines, fluting irons, etc.**
- .45 Power machinery    Mangle**
- .5 Cleaning and sanitation of house or bilding**  
    See for sanitary engineering 628; for plumbing 696; for dry cleaning 646.6; for chimney sweeping 644.2
- .52 Sweeping and dusting**  
    Floors, walls, moldings, furniture; implements, vacuum cleaners, etc.
- .54 Washing**  
    Porcelain, glass, windows, mirrors, paint, including table ware, bricabrac and fixtures. For washing textiles see 648.2
- .55 Polishing**  
    Silver, knobs, scutcheons, pipes and other metals
- .6 Disinfecting**  
    Waste pipes, traps, etc. Household disinfectants. See also 649.8 Care of sickroom; and public health, 614.48 Disinfecting apparatus
- .7 Pests; traps, poisons, insectifuges**
- 649 Nursery Sickroom**  
    This provides for persons requiring special adjustment of household administration: children and invalids
- .1 Care of children**  
    See also 136.7 Child study; 173.5 Duties of parents
- .2 Rooms    Nursery**
- .3 Food**  
    See also 613.22 Diet of infants; 641.5 Cookery for children
- .4 Clothing and care of body**  
    See also 646.36 Children's clothing, outfit and making; 646.4 Clothing for various purposes; 613.4 Hygiene of bathing and clothing
- .5 Exercise    Recreation**  
    See also 613.7 Hygiene of recreation; 790 Amusements
- .55 Amusements: toys, dolls games**
- .6 Manners    Habits**  
    See also 173.6 Duties of children
- .7**
- .8 Care of invalids and the infirm    Sickroom**

**650 Communication Business**

.01 Theory .02 Compenda .03 Dictionaries, cyclopedias .04 Essays,  
addresses .05 Periodicals .06 Societies, conventions .07 Study and  
teaching .08 Collections .09 History

**651 Offis economy (tentativ scheme)**

The following table is publiht tentativly, with a view to its recieving further crit-  
icism before being finally incorporated in the Classification, and being therefore liable  
to considerable change it has not been indext

In industries and mercantil business 651 represents the nonproductiv branch, overhed  
charges. See 658 for productiv branch alone of manufacturing or mercantil concern

**REFERENCES TO ALLIED SUBJECTS**

029	Literary methods and laborsavers		
613.6	Hygiene of employment	648.5	Cleaning
.7	" recreation and sleep	.6	Disinfecting
628.6	Sanitation, house drainage	.7	Pests
.8	Ventilation and heating	696	Plumbing
.9	Lighting	697	Heating and ventilation (construction)

**SUMMARY**

<b>Environment</b>	.1	Space
	.2	Equipment
<b>Structure</b>	.3	Organization
<b>Function</b>	.4	Administration
	.5	Records
	.6	Special material
	.7	Correspondence

**651.1 Offis bildings and rooms**

See also 725 Public bildings (architecture)

- .11 **Location**  
Separate bildings; rooms in manufacturing bildings, in offis bildings, etc
- .12 **Site**  
With reference to space, air, light, soil, slope of ground, etc.
- .13 **Provision for growth**
- .14 **Arrangement**  
For economy of time and space; floor space, wall space
- .16 **Special rooms**

Directors, trustees	Typers
Manager	Lunch and conversation rooms
Accountant	Rest rooms
Dictation	Safety vaults, safes
- .19 **Safety**  
See 614 8
- .2 **Equipment**
- .22 **Fixtures**  
Partitions, counters, ledges, gates, stationary shelves
- .23 **Furniture**
- .231 **Chairs, stools, settees**
- .232 **Tables**
- .233 **Desks**
- .234 **Revolving cases**
- .236 **File cabinets, vertical files**  
See also 651.54 Storage methods

OFFIS ECONOMY

- 651.24      **Furnishings and decoration**  
             Put here only material limited to offis. For other relations see Decoration  
             in Relativ index
- .241      **Floor coverings**  
             Subdivided like 022.96
- .242      **Wall treatment: covering or finish, pictures**
- .243      **Window and door furnishings (shades, curtains,  
             portières)**
- .26      **Mecanical appliances**  
             For general or common use or belonging to a centralized sistem; nonindiv-  
             dual; not limited to a special department  
             See also 652 Typers, duplicators, addressing machines, telautografs;  
             657 Protectografs, bookkeeping machines and machines for checks, handling  
             money, etc.
- .262      **Oral communication: telephones (wall, desk, in booth)**  
             Offis requirements and accessories. Number, location  
             See for telephone business 654.6; for telephone engineering 621.385
- 5      **Local systems: interphones**
- 8      **Speaking tubes**
- .263      **Dictating machines**
- .264      **Calculators, tabulators, statistical and adding machines**  
             See also 510.8  
             If closer classification is needed ad heds below:
- 1      Adding machines
- 11      Listing  
             Those devised primarily for adding, even tho capable of other pro-  
             cesses (multiplying, dividing, subtracting) by special manipulation
- 12      Nonlisting
- 13      Tally counters
- 3      Approximate calculating devices  
             Based on logarithmic scale: slide rules, etc.
- 4      Exact calculating devices (mecanical)
- 5      Grafic or area calculators      Planimeters
- 6      Statistical machines; e. g. sorting or tabulating: Hollerith
- 8      Tables, charts, special coordinate papers
- .265      **Numbering machines**
- .266      **Fastener, seal and other presses**  
             For multigraf and other duplicators see 652
- .267      **Mail and shipping room devices**  
             Letter and merchandise scales; folders, wrappers, etc.
- .268      **Lifts, carriers, pneumatic tubes, etc.**  
             Local, between deaks or separate rooms of same offis  
             See also Engineering 621.86 Hoisting and conveying machinery; 621.59  
             for construction and 654.8 for operation and systems of pneumatic tubes
- .269      **Other mecanical devices**
- .3      **Organization**  
             See also 347.7 Commercial law, for legal rights and restrictions; 380 Commerce  
             and communication, for relations of corporations to state and public; 658.1 for  
             financial organization of a business enterprise
- .32      **Work**  
             Branches, departments, divisions, sections, etc.
- .321      **Planning department**

DECIMAL CLASSIFICATION

- 651.34 **Workers**  
 Offis alone and those common to both offis and productiv branch. See 658.4 for those having to do with productiv branch alone. May, if desired, be farther divided like 658.434. Topics covered by 651.34 and also by 651.37 ar clast in 651.37
- .37 **Grades** **Titles and duties**
- .372 **Officers: executiv, director**  
 Hed of enterprise
- .373 **Staf: department, division and section heds**
- 5 **Understudies, deputies**
- .374 **Employees, routine workers**
- 2 **Bookkeepers**
- 3 **Clerks, stenografers, typists**
- 4 **Telephone operators, etc.**
- 6 **Pages, messengers, runners**
- 7 **Janitor force, laborers**
- 8 **Apprentises, volunteers**  
 Not on payroll
- .38 **Pay: salaries, wages, pensions**  
 Offis notes and discussions affecting the individual staf. For general discussion see economics, 331.2 Remuneration for work  
 If wiaht, 651.38 may be subdivided like 331.2; e. g. 651.382 Wage scales; 651.3825 Extra pay: bonuses, bounties, etc.; 651.384 Profit sharing; 651.385 Pensions (subdividing stil farther like 651.37 if necessary)
- 4 Administration**  
 Offis efficiency; i. e. ratio of work accomplisht to expenditure of time, effort, material (goods, money, space)
- .41 **Time**
- .412 **Disposal of time**  
 By those above routine grades: officers and staf  
 Regular engagements: monthly, weekly, daily  
 Public hours: for business callers, appointments; telephone vs personal interview. Private hours: interruptions only for urgency
- .42 **Amount of servis**  
 Divide like 023.6
- .43 **General requirements** **Staf rules**
- .431 **Conversation**
- .432 **Personal calls or work**
- .433 **Soliciting money, subscriptions, contributions**
- .434 **Respect and care for property**
- .435 **Personal appearance, dress, uniforms**
- .436 **Curtesy** **Indifference**
- .437
- .438 **Staf meetings** **Relations to hed**
- .45 **Methods of increasing effectivness**  
 Simulation of effort  
 For moton study see 658.642; for organization of work see 651.32
- .451 **Variety of work vs monotony**
- .452 **Labor savers**  
 Business view, advantage to employer; for personal view see 029.2.  
 See also 651.26 Mechanical appliances; 651.465 Fittings, and 651.466 Supplies

OFFIS ECONOMY

- 651.453 **Methods, routines**  
 Principles; e. g. cart not to be put before horse. For general discussion of value of methods see 029.1. Clas routine for each kind of work under its number; but here may be put chief's reference file of routines, subdivided by clas number or alfabeted by subject
- .455 **Training of new appointees**
- .456 **Information or 'front' desk 'Plant' messenger servis**  
 Sistematic collection and distribution of intraplant communications and small articles. Discussion as administrativ economies. For place in organization see 651.32
- .457 **Mail and express routine**  
 Recieving. Distributing: opening and dating. Collecting. Sending  
 For place of this section in the organization see 651.32
- .46 **Material**  
 Fittings and supplies considerd together. Use of bargain catalogs
- .461 **Quality**  
 Economies in adapting to purpose; e. g. extravagance of expensiv cloth envelops for cheap printed circulars
- .462 **Quantity**  
 Quantity discounts, advantage of buying in bulk insted of in packages, etc.
- .463 **Sizes**  
 See also 029.1 Standard sizes
- .464 **Use, care of stock, stock closets or room**  
 Times (days and hours). Requisition routine
- .465 **Fittings**  
 Distinguisht by capacity for repeated or long wear from supplies, which ar consumed in using; i. e. inkstands ar fittings; inks ar supplies  
 History and discussion of writing materials is in 652. Enumeration below is for offis memoranda of source of supply, prices, kind and quantity to be kept on hand, etc.
- 1 **Cutting:** shears, knives, pencil sharpeners, paper cutters, letter openers, punches
- 2 **Fastening, wrapping:** clips, pins, rings, binders, mucilage bottles, etc.
- 3 **Writing:** inkstands, penholders, fountain pens, rubber stamps, ink pads, steel erasers
- 4 **Drawing and mesuring:** compasses, d'viders, rulers, straight-edges; scales, balances
- 5 **Calculating:** tables, charts; interest, amortization, index numbers, wage tables, etc. See also 510.8
- 6 **Holding:** racks, coin trays, sponge cups, boxes
- 8 **Memoranda:** ticklers, card trays, guides, spindle files, etc.
- 9 **Other:** brushes, pliers, perpetual kalendars (wall or desk) etc.
- .466 **Supplies**  
 Perishing with use; see note to 651.465
- 2 **Fastening:** mucilage, glue, adhesiv clips, rubber bands
- 3 **Writing:** paper, pencils, steel pens, ink, blotters, rubber erasers
- 7 **Labeling:** tags, gumd labels, letters and figures
- 8 **Memoranda:** kalendars, notebooks
- 9 **Other:** blanks
- .47 **Inventories**
- .472 **Frequency and times**
- .473 **Forms**
- .474 **Perpetual, automatic**

DECIMAL CLASSIFICATION

- .5**      **Records      Files and filing**  
    Matter, form, treatment
- .51**      **Form**
- .512**      **Book**
- .513**      **Card sistem**
- 2**      **Cards**
- 5**      **Sheets, loose leaves      Looseleaf books**  
    For publication in looseleaf form see 655.53
- 8**      **Strips (clocks, adding machines, etc.)**
- .52**      **Mode of production**
- .522**      **Hand written**
- .523**      **Machine "**
- .525**      **Automatic: e. g. clock records**
- .53**      **Arrangement, classification**
- .531**      **Bases: department, subject, function, person, priority, importance**
- .533**      **Systems**
- 2**      **Alfabetic: persons, places or subjects in a b c order; self indexing**
- 4**      **Numeric: 1 2 3 order; requiring index**
- 5**      **Cronologic: by dates**      "
- 6**      **Clast: numeric, alfabetic or mixt notation, requiring index**
- 651.54**      **Storage methods**  
    For file furniture see 651.236
- .542**      **Flat on side**  
    Cabinet, box and pigeonhole filing  
    For roller shelving see 022.46; for cases for maps and drawings see 022.485
- .543**      **Rolled**  
    Horizontal: on shelva, wall or in drawers  
    On end: in closets or stalls
- .545**      **Erect, on shelvs**  
    Books, binders, file boxes
- .546**      **Vertical files**
- .55**      **Accessories**  
    For furniture see 651.23
- .552**      **Guides**  
    Hight. Projections: advantages; width  
    Material: paper, wood, metal, celluloid  
    Reinforcement: label holders, celluloiding
- 554**      **Labels**
- .56**      **Permanent records**  
    Elements determining establishment; authorization
- .563**      **Statistics**  
    See also 311
- 2**      **Data**
- 4**      **Tables**
- 6**      **Grafs (line, block and other charts)**
- .57**      **Temporary records and papers**  
    Engagements, memoranda and other desk miscellany  
    Pigeonhole sistems      Ticklers

OFFIS ECONOMY

- 651.6 Special material**  
For accounting records see 657  
" stock and sales records see 658.7-.8
- .62 Specifications
  - .63 Estimates
  - .64 Plans, drawings, maps
  - .65 Printed matter (issued by offis)  
Order records and blanks. File of samples
  - .66 Employes records  
Applications, recommendations, grading, time
  - .67 Letter files  
See also 651.533 Arrangement
  - .672 By correspondents  
Rules for determining 'correspondents': writer or firm, offiser or institution, etc. For numeric sistem see 651.5334
  - .673 By subject
  - .675 Removals: 'out' indexes, markers, dummies
  - .677 Copies of outgoing letters  
In books, separate from letters  
Carbond, on back of original or on separate sheet; roller copies; filed with letters
  - .678 Transfer files (for storage)
- 651.7 Correspondence, reports, etc.**
- .71 Stationery  
See also 659.1 Advertising
  - .712 Paper: size, quality, weight, tint, etc.  
For papermaking see 676; for history of writing material see 652
  - .713 Letterheds
  - .714 Memo heds
  - .715 Bil heds
  - .717 Postcards
  - .718 Envelops
  - .72 Blanks  
For saving letterwriting; e. g. forms for extracts from minutes. For other special purposes see topic
  - .74 Style Business English  
Conciseness, spelling, capitalization, punctuation, margins, spacing  
See also 029.6
  - .75 Letters
  - .752 Definitness and accuracy; paragrafing and tabulating
  - .753 Opening (address) and closing; postcard style
  - .754 Inclosures Separate related matter
  - .756 Form letters, automatic (answers by key numbers)
  - .757 Follow-up
  - .758 Interstaf notes  
Directness, breves. See also 653.2 Notehand abbreviations
  - .76 Notises, calls for meetings
  - .77 Minutes, committee business  
See also 651.72
  - .78 Reports  
Organization of material; analysis  
Transmission and introduction  
Statistics Recommendations, etc.

DECIMAL CLASSIFICATION

- 652 Writing; material, typewriters, cipher  
 653 Abbreviations Shorthand
- .01 Theories Available material Shading Position Detach vowels
  - .02 Practicability for general use Teaching in public schools  
 For methods see 653.07
  - .03 Speed See also 653.046, Verbatim reporting
  - .04 Applications
    - .041 Personal notes and records
    - .042 Correspondence
    - .043 Amanuensis work
    - .044 Newspaper work
    - .045 Shorthand job offices
    - .046 Official reporting, court and legislativ
    - .047
  - .05 Periodicals If strictly limited to one system, class with that system
  - .06 Societies " " " "
  - .07 Education Shorthand schools Teaching, privately or in classes
  - .08
  - .09 History Divided by countries like 930-999
  - .I Abbreviations Omissions of silent letters, vowels, etc.  
 Covers desirability, dangers, lists, and all general matter about use of recognized abbreviations. See also 421.4 Phonetic spelling; 421.8 Abbreviations
  - .2 Abbreviation systems  
 Brief longhand. Fonoscribing, etc. For telegraphic codes, see 652  
 Covers only systems of quick writing with common characters.
  - .3 Stenografies  
 Includes both discussions and systems with arbitrary signs and new characters
    - .31 Before 1837
    - .32 Gurney
    - .33 Gabelsberger
    - .34 Stolze (Dettmann)
    - .35 Taylor (Baker; Harding; Odell)
    - .36 Cross
    - .37 Scovil
    - .38 Duployé (Pernin, Sloan)
  - .4 Phonetic shorthand Phonografies  
 Limited to phonetic stenografy, i. e. brief sound writing. .5 and .6 include only systems using Isaac Pitman's consonants
    - .41 Before Pitman (1837)
    - .42 Bell
    - .43 Jones
    - .44 Williams
  - .5 Pitman old vowel scale systems
    - .51 Benn Pitman
    - .52 Graham
    - .53 Scott-Brown
    - .54 Marsh
    - .55 Thornton
    - .56 Haven
    - .57 Allen



## SHORTHAND

### 653.6 Pitman new vowel scale systems

- .61 Izaac Pitman
- .62 Munson
- .63 Longley
- .64 Burnz
- .7 Connected vowel systems
- .71 Lindsley's takigrafy
- .72 Everett
- .73 Barrows
- .74 Bishop

### .9 Foren systems Divided by languages like 400

The heds above are for English systems or (as in 653.3) foren systems adapted to and used for English. Other systems are groupd here by languages, but history of shorthand in special countries is in 653.09

### 654 Telegraf Cables Signals

Business aspects. For engineering see 621.38; for codes see 652

- .1 Telegrafic instruments
- .2 Duplex, quadruplex, multiplex telegrafs, etc.
- .3 Printing, perforating, dial telegrafs, etc.
- .4 Telegrafic construction; poles, wires, condits, etc.
- .5 Cables Submarine
- .6 Telephones
- .7 Alarms; burglar, fire Annunciators, bels
- .8 Speaking tubes Pneumatic tubes
- .9 Signals See also 534.83 Navigation signals; 623.7 Military signals

### 655 Printing Publishing Copyright

- .1 History of printing
- .11 Origin, invention
- .111 Claims of Gutenberg, Mainz
- .112 Claims of Coster, Haarlem
- .12 Celebrations, anniversaries
- .121 1640
- .122 1740
- .123 1823
- .124 1840
- .13-.19 Printing in special countries Divided like 930-999
- .2 Type and typesetting
- .21 Type founding Tools of the art
- .22 Electrotyping and stereotyping, etc. Patent blocks  
For Photoelectrotyping, see 777
- .23 Patent types, logotypes, etc.
- .24 Faces, sizes, styles Specimen books
- .25 Typesetting: composition, proofreading, distribution  
Artistic composition: taste, display, job work
- .27 Imposition Locking up, etc.
- .28 Typesetting and distributing machines Linotype, monotype

DECIMAL CLASSIFICATION

- 655.3 Practical printing** For Calico printing see 667.3
- .31 Printing presses
  - .32 Press work: making ready      Color printing      Cuts  
Cutting stock
  - .33 Drying: hydraulic pressing, etc.
  - .35 Stamps, stamping, etc.  
For stencils see 652
  - .36 Machines: paging, numbering, etc.  
See also 654.3 Printing telegraphs; 651.265 Hand numbering machines; 652 Type-writers, addressing machines
  - .37 Nature printing      From plants, etc.
  - .38 Printing for blind      See also 371.91 Education of blind
  - 4 History of publishing and bookselling**  
Divided by countries like 930-999
  - .5 Publishing and bookselling**
  - .51 Selection of mss  
For freedom of press vs censorship, see 323; Morals of press 179.1
  - .52 Relations to authors  
Copyright payments, prices of mss bought
  - .53 Format  
Size, paper, type, illustrations, binding
  - .54 Cost of manufacture  
Retail prices and discounts to dealers
  - .55 Advertising, press copies and notices      See 659.1 Advertising
  - .56 Retail bookselling      Prices and discounts to buyers
  - .57 Subscription book publishing, canvassing
  - .58 Publishing societies
  - .59 Publishing by governments, institutions, etc.
  - .6 Copyright      Literary property**
  - .61 Perpetual or common law right  
Including ethics of copyright
  - .62 Copyright in other matter than books  
Music, mss, lectures, trademarks
  - .63 International copyright  
See also 341.5 International private law
  - .64-.69 Copyright in special countries  
Divided like 940-999
- 656 Transportation: railroading, etc.**  
Running of trains, train and boat timetables, luggage and freight handling, lists of sailings: crews and shifts, disciplin, etc.  
For mechanical interrelations of track and rolling stock see 625.2  
For reports, government regulation, rates schedules, etc. see 385 for railroads, 386 for canal and 387 for river and ocean transportation
- 657 Bookkeeping      Accounts**
- 658 Business methods      Industrial management**  
A tentative scheme prepared for inclusion in this edition and set in type has, on further conference with those specially interested, been withdrawn for more extended revision. Proof copies of this scheme, which is liable to considerable alteration, will be sent on application to those willing to cooperate in perfecting it. When revision has reached a point for general distribution, revised form will be published as a separate at a nominal price

USEFUL ARTS

659 Other topics

.1 Advertising

660 Chemic technology

.1  
.5 Periodicals .6 Societies .7 Study and teaching .8  
of chemic technology .2 Compenda .3 Dictionaries, cyclopedias .4 Essays  
.9 History

661 Chemicals

.1 Chemic elements Divided like 546

.2 Acids: sulfuric, nitric, etc.

.3 Alkalies: potash, soda, ammonia

.4 Salts For common salt see 664.4

.5 Ammonia salts

.6 Sulfates and nitrates

.7 Cyanids

662 Pyrotechnics Explosivs, matches, etc.

.1 Pyrotechnics

.2 Explosivs See 622.23 Blasting; 623.4 Ordnance

.3 Gunpowder

.4 Fuses, percussion caps

.5 Matches

.6 Fuel: coal, peat, natural gas, etc.

.7 Charcoal, coke See also 644.22 Domestic economy 669.8 Metallurgy

.8 Artificial fuel See also 644.2 Domestic economy 669.8 Metallurgy

663 Beverages See also 173 Temperance 614.35 Adulterations

.1 Fermented

.2 Wine

.3 Brewd

.4 Beer

.5 Distild

.6 Artificial mineral waters: soda water

.7

.8 Mixing drinks Barkeepers manuals

.9 Chocolate, coco Commercial mixing of teas, coffees, etc.

664 Foods

For Adulterations see 614.31 Public helth. See also 641 Domestic economy

.1 Sugar, molasses, glucose, etc.

.2 Starch, tapioca, sago, etc.

.3 Artificial butter, oleomargarin Lard, compound lard

For butter, milk, and cheese see 637 Dairy

.4 Salt

.5 Spices Condiments

.6 Yeast Baking powder

.For bred see 641.631 Cookery

.7

.8 Methods of preservation: fruits and vegetables

.9 Preservation of meat and fish

DECIMAL CLASSIFICATION

665 Oils Gases Candles Lamps

- .1 Candles Torches
- .2 Animal oils and fats See also 664.3 Foods
- .3 Vegetable oils and fats
- .4 Mineral oils: paraffin, ozocerite, asphaltum
- .5 Petroleum, kerosene
- .6 Lamps See also 644.32 Domestic economy
- .7 Illuminating gases Calcium light
- .8 Other gases
- .9

666 Ceramics Glass, etc.

- .1 Glass See also 748 Stained glass
- .2 Enamel
- .3 Ceramics See also 738 Pottery, porcelain
- .4 Clay See also 553.61 Economic geology
- .5 Porcelain
- .6 Stoneware, earthenware, pottery
- .7 Bricks Tiles See also 691.4 Building materials; 695.3 Roofing
- .8 Artificial stone See also 691.3 Building materials
- .9 Cements Limes Mortars See also 691.5 Building materials

667 Bleaching, dyeing, etc.

- .1 Bleaching
- .2 Dyeing Artificial colors Silk and wool
- .3 Cotton dyeing and calico printing
- .4 Inks: writing inks, indelible inks
- .5 Printing inks
- .6 Paints and pigments See also 698.1 House painting; 751 Fine arts
- .7 Varnishes Polish Lacker See also 698.3 Varnishing
- .8 Japan Blacking
- .9

668 Other organic chemic industries

- .1 Soap
- .2 Glycerin
- .3 Glue
- .4 Gums and resins
- .5 Essences, perfumery, essential oils and ethers, etc.  
See also 646.7 Toilet
- .6 Fertilizers See also 631.8 Agriculture
- .7 Distillation: coal tar, etc.

**669 Metallurgy and assaying**

History of metals goes here, not in 553, 622, nor 671

- .1 Iron and steel
- .2 Gold and silver
- .3 Copper
- .4 Led
- .5 Zinc
- .6 Tin
- .7 Mercury and other metals
- .8 Fuels and furnaces      Slags
- .9 Assaying

**670 Manufactures**

Specific topics go where of most interest. These heds are for the *general* subject of metal, wood, etc. manufactures, and for such specific manufactures as are not of more interest elsewhere. But an account of a specific manufacture is commonly most useful with its own subject; e. g. a steam engin is certainly made of metal, but its manufacture should go under 621. 1, not 672. The character of the library often decides the place of greatest interest. An agricultural library would prefer the manufacture and everything about wood churns with the dairy, 637, while a manufacturing library might prefer it with other wood manufactures in 674. A general library will incline to the special subject, as a more minute classification is thus obtained, and references under 670 answer inquiries for all the library has on the subject of brass or rubber or paper manufactures. Whether group by use or material, if sought from the other standpoint, the references show the resources promptly. As a rule the use is the better classification, being more minute and oftener wanted. But if the uses are various the general hed is better; e. g. bells are for scores of distinct uses, but their manufacture is a unit; but all churns are for the dairy

**671 Articles made of metals**

672 Of iron and steel; stoves, cutlery, etc.

673 Of brass and bronze; bells, etc.      See also 739

**674 Lumber and articles made of wood**

675 Lether      "      "      "      "      lether

676 Paper      "      "      "      "      paper

677 Cotton, wool, silk, linen, etc.

678 Rubber and articles made of rubber

679 Celluloid and other

DECIMAL CLASSIFICATION

**680 Mechanic trades Amateur manuals**

- 681 Watch and instrument making  
Catalogs of miscellaneous instruments. Class special instruments with their subjects
- 682 Blacksmithing  
See also Zootechny, 636.0834 Shoeing
- .1 Horseshoeing
- 683 Lock and gun making
- 684 Carriage and cabinet making  
Furniture. See also 749 Artistic furniture; 694.7 Fine joinery, interior finish.  
Highway vehicles for separate tractors, either animal or motor. For motor vehicles see 629.2
- 685 Saddlery and shoemaking Trunks
- 686 Bookbinding
- 687 Clothsmaking Hats
- 688
- 689 Other trades

**690 Bilding** For Architectural construction, see 721

- .1 Theories of construction .2 Compenda, manuals .3 Dictionaries, cyclopedias
- .4 Essays, lectures .5 Periodicals .6 Societies, exhibitions
- .7 Education, study, training, apprenticeship, tools and their use (for use of special tools see special trade) .8 Collections, patents, inventions
- .9 History of bilding construction

**691 Material Processes Preservativs**

Waterproofing See also 620.1 Strength of materials

- .1 Wood Creosoting, etc.
- .2 Natural stone Paraffining, etc.
- .3 Artificial stone Concrete
- .4 Bricks Tiles Other ceramic product-
- .5 Lime Cement Plaster
- .6 Glass
- .7 Iron Steel Antirust processes
- .8 Other metals
- .9 Other materials

**692 Plans Specifications, etc.**

- .1 General drawings
- .2 Detail drawings
- .3 Specifications
- .4 Contracts Agreements Bids Advertisements
- .5 Estimates Quantities Costs
- .6 Superintendence
- .7 Supervision of accounts
- .8 Professional servises Fees Commissions
- .9 Bilding laws Liabilities of architects, owners, and contractors

693 Masonry Plastering Fireproofing

- .1 **Stone construction**
- .11 Bonds of stone work
- .12 Cutting and dressing of stone  
See 515.8 Stereotomy; 736 Stone carving
- .2 **Brick construction**
- .21 Bonds of brick work
- .22 Adobe or sundried brick, etc.
- .3 **Terra cotta construction** **Tile**
- .4 Hollow tile and porous terra cotta construction
- .5 **Concrete and beton construction**
- .6 **Plastering**
- .61 External plastering and stucco
- .62 Internal plastering
- .63 Ornamental plaster work
- .64 Scagliola
- .65 Wooden lath
- .66 Metal lath (Wire, etc.)
- .67 Mineral wool linings, etc.
- .7
- .8 **Fireproofing**
- .9

694 Carpentry: joinery, stairbilding

- .1 **Wood construction; general**
- .2 **Joints of woodwork** **Framing**
- .3 **Strengthen beams**
- .4 **Posts** **Columns** See also 721.31
- .5 **Panel and lattist construction**
- .6 **Joinery, general** For Finishing, varnish, polish, etc. see 698.3
- .7 **Ornamental joinery** **Cabinet work**  
For cabinetmaking see 684
- .8 **Stairbilding** See also 515.83 Stereotomy
- .9 **Other branches** See also 721.87-89

695 Roofing: slating, tiling For roof construction see 721.5

- .1 **Wood: shingle**
- .2 **Slate**
- .3 **Tile**
- .4 **Metal: tin, copper, led, zinc**
- .5 **Iron**
- .6 **Asfalt** **Tar** **Concrete** (Melted)
- .7 **Felt** **Asbestos** **Paper** (In rolls)
- .8 **Textil: duck, canvas**
- .9 **Thatch and other coverings**

DECIMAL CLASSIFICATION

- 696 **Plumbing** **Gas and steam fitting, etc.**
- .1 **Plumbing** For principles of sanitation see 628
  - .2 **Gasfitting**
  - .3 **Steamfitting**
  - .4 **Rivets and riveted joints**
  - .5 **Screws and screw joints**
  - .6 **Rust or calkt joints**
  - .7 **Anchors Band irons**
  - .8 **Other branches**
  - .9 **Plumbing laws** See also 614 Public helth
- 697 **Heating and ventilation**
- See also sanitary engineering, 628.8; domestic economy, 644. For lighting see 628.9
- .1 **Fireplaces**
  - .2 **Stoves**
  - .3 **Furnaces**
  - .4 **Hot water, high and low pressure**
  - .5 **Steam, high and low pressure**  
For boilers, see 621.184; for power plants, see 621.19
  - .6 **Gas: coal gas, water gas, natural gas**
  - .7 **Electric and other methods**
  - .8 **Smoke flues and chimneys**
  - .9 **Ventilation: air ducts, condits, fans**
- 698 **Painting Glazing Paperhanging**
- .1 **Painting Oil**
  - .2 **Distemper and fresco**
  - .3 **Varnishing Polishing**
  - .4 **Other modes of protection**
  - .5 **Glazing** For Staind glass see 748
  - .6 **Paperhanging**
  - .7 **Textil hangings: tapestry**  
For tapestry design, see 745
  - .8 **Relief work: lincrusta, stamp leather, etc.**
  - .9 **Other branches**
- 69 **Carbilding**
- Railway and tramway cars, passenger and freight, with or without motors. For highway cars see 629.2



# Fine Arts

## 700 Fine arts

- 701 Philosophy: theories, utility, esthetics
- 702 Compendis, outlines
- 703 Dictionaries, cyclopedias
- 704 Essays, lectures, addresses
- 705 Periodicals, magazines, reviews
- 706 Societies: transactions, reports, etc.
- 707 Education: study and teaching of art
- 708 Art galleries and museums
  - .1 American: Corcoran, Metropolitan, Boston
  - .2 English: National, Hampton Court, Windsor
  - .3 German: Dresden, Munich, Berlin, Vienna
  - .4 French: Louvre, Luxembourg
  - .5 Italian: Vatican, Sistine, Pitti, Medici, Borbonico
  - .6 Spanish: Madrid, Seville
  - .7 Russian: St Petersburg, Hermitage
  - .8 Scandinavian: Copenhagen
  - .9 Other countries
- 709 History of art in general Divided like 930-990

## 710 Landscape gardening

- Town and city planning For special cities see 914-919
- 711 Public parks
- 712 Private grounds, lawns
- 713 Walks Drives
- 714 Water: fountains, lakes
- 715 Trees Hedges Shrubs
  - See also 634.9 Forestry; 582 Botany
- 716 Plants Flowers
  - .1 Plants .2 Flowers .3 Conservatories .4 Window gardens .5 Ferneries
- 717 Arbors Seats Outlooks
- 718 Monuments Mausoleums
- 719 Cemeteries See also 393.1 Earth burial; 614.61 Public health

**720 Architecture**

.1 Theories, esthetics, architectonics .2 Compends, manuals .3 Dictionaries, cyclopedias .4 Essays, lectures .5 Periodicals .6 Societies .7 Education, study, training, schools of architecture .8 Polygrafy. collections .9 General history of architecture, divided geografically like 940-999

**721 Architectural construction**

- .1 **Foundations** See also bridge engineering, 624.1 Foundations
- .11 Foundation bed Nature of soil Load on foundation  
Trial borings. Rock, sand, gravel, peat, quicksand
- .12 Excavation: timbering, shoring
- .13 Material for bilding foundations  
Divided like 620.1
- .132 Wood
- .133 Stone, cement, concrete
  - 2 Stone, dimension or rubble
  - 5 Cement
  - 6 Concrete
- .134 Brick
- .14 Pile foundations: general Material
- .141 Sand piles
- .142 Wood or timber piles
- .143 Concrete piles
- .147 Iron piles
- .15 Pile foundations: method of sinking
- .151 Piledriver
- .152 Screw pile Boring anchor
- .153 Disk pile
- .154 Hydraulic pile
- .155 Pneumatic pile
- .16 Platform and other special foundations
- .162 Timber platforms or gratings: plank foundations
- .163 Concrete platforms
- .164 Iron and concrete: reinforced concrete platforms
- .165 Masonry platforms
- .166 Concrete legs or stilts
- .167 Cantilever foundations
- .17 Subaqueous foundations
- .171 Cofferdams
- .172 Open crib or caisson Cylinder foundations
- .173 Pneumatic caisson
- .174 Freezing
- .175 Pneumatic forcing
- .176 Sunken wells: dredging thru wells
- .177 Sunken tubes

FINE ARTS

- 721.2 Walls**
- .21 Wood and halftimberd
  - .22 Stone
  - .23 Artificial stone, concrete, pisé, etc.
  - .24 Brick
  - .25 Bases Water tables Belt courses
  - .26 Arcades Colonnades
  - .27 Cornises
  - .28 Gables and pediments See also 721.58 Gable roofs
  - .29 Other walls
- .3 Piers Columns**
- .31 Wood See also Carpentry 694.4
  - .32 Stone
  - .33 Concrete, artificial stone
  - .34 Brick, terra cotta
  - .35 Iron, steel
  - .36 Fireproof Protected
- .4 Archt constructions**  
See 624.6 Archt bridges; and 729.33 and 729.37 Elementary forms
- .41 Arches, circular
  - .42 Arches, other forms
  - .43 Vaults, cylindric
  - .44 Vaults, groind
  - .45 Vaults, other forms
  - .46 Domes, circular
  - .47 Domes, other forms
- .5 Roofs** See also 695 Roof coverings; 624.9 Engineering, roofs; 729.35 Roof design
- .51 Wood
  - .52 Masonry
  - .53 Glass
  - .54 Metallic
  - .55 Windows Openings in roofs
  - .56 Roof decoration: crestring, repoussé work, colord tiles, etc.  
See also 695.3
  - .57 Spires and domes
  - .58 Gables See also 721.28 Gable walls
  - .59 Other forms of roofs
- .6 Floors and flooring**
- .61 Wood Construction and coverings
  - .62 Stone " "
  - .63 Brick and hollow tile " "
  - .64 Metallic Compound " "
  - .65 Composit " "
  - .66 Parquetry Coverings only
  - .67 Mosaics " "
  - .68 Tiles See 695.3 Roofing tile
  - .69 Other coverings

DECIMAL CLASSIFICATION

- 721.7 Ceilings**  
 For vaulted ceilings, see 721.4 and 729.34
- .71 Wood
  - .72 Stone
  - .73 Brick or tiles with iron
  - .74 Metallic
  - .75 Concrete Plaster
  - .76
  - .77
  - .78
  - .79
  - .8 Doors Gates Grilles Windows**
  - .81 Doors, wooden
  - .82 Doors, metallic
  - .83 Doors, sash, lattis, screen, etc.
  - .84 Windows, external
  - .85 Windows, internal
  - .86 Inclosures of doors and windows  
     Architraves Pilasters Jams Pediments Lintels, etc.
  - .87 Shutters Blinds Screens Grilles
  - .88 Fastenings Locks
  - .89 Other details
  - .9 Iron and composit structures**  
 For strength of materials, see Engineering, 620.11
  - .91 Cast iron
  - .92 Wrought iron
  - .93 Steel
  - .94 Composit
  - .95 Iron and wood
  - .96 Iron and stone
  - .97 Iron and brick, tile, terra cotta Reinforced concrete
  - .98 Iron and glass
  - .99 Wood and glass

**722 Ancient and Oriental architecture (Pagan)**

See also 571.8 Prehistoric dwellings

- .1 Chinese Japanese**
- .2 Egyptian**
- .3 Phenician Tyrian Jewish Carthaginian Cypriote**
- .4 Indian (Asiatic)**  
 Hindu, Buddhist, Jaina, Himalayan, Dravidian, Chalukyan, Indo-Aryan, Burmese, Siamese, Cambodian
- .5 Chaldean Assyrian Babylonian Ancient Persian Sassanian**
- .6 Pelasgian Etruscan**
- .7 Roman** See 729.32 for Roman orders
- .8 Grecian** See 729.32 for Greek orders
- .9 Other: Aztec, Peruvian, Maya, Yucatan, etc.**

## 723 Medieval Christian Mohammedan

- .1 Early Christian
- .2 Byzantine Armenian Russian
- .3 Mohammedan: Saracenic, Moorish, Persian, Turkish,  
Indian For Ancient Indian see 722.4
- .4 Romanesque
  - .41 Scotch Irish
  - .42 English Saxon Norman
  - .43 German Austrian
  - .44 French Provençal Norman Angevin
  - .45 Italian Sicilian Norman
  - .46 Spanish Portuguese
  - .47
  - .48 Danish Swedish Norwegian
  - .49 Minor countries
- .5 Gothic or pointed Divided like 723.4

## 724 Modern

All the subsections of 724 are subdivided geografically like 940-999

- .1 Renaissance
  - .19 Baroque Rococo
- .2 Grecian revival
- .3 Gothic revival
- .4 Victorian Gothic Tudor Elizabethan
- .5 Queen Anne
- .59 Georgian
- .6 Néo-Grec
- .7 Swiss Timber
- .8 Romanesque revival
- .9 Other styles

## 725 Public bildings

- .1 Administrativ Governmental
  - .11 Capitols Houses of parliament
  - .12 Ministries of war, state, etc.
  - .13 City and town halls Bureaus Public offices
  - .14 Custom houses Bonded warehouses Excise offices
  - .15 Court houses Record offices
  - .16 Post offices, general and special
  - .17 Official residences Palaces of rulers
  - .18 Barracks Armories Police stations  
See also 623.61 Military bildings
  - .19 Engin houses Fire alarm stations

DECIMAL CLASSIFICATION

**725.2 Business and commercial**

- .21 Stores, wholesale and retail
- .22 Mixt store, offis, and apartment bildings
- .23 Offis bildings: telegraf, insurance
- .24 Banks: safe deposit, savings
- .25 Exchanges      Boards of trade
- .26 Markets
- .27 Cattle markets      Stock yards
- .28 Abattoirs
- .29 Other business bildings

**.3 Transportation and storage**

- .31 Railway passenger stations
- .311      Small (country) stations
- .312      Large (city)      “
- .313      Union stations
- .314      Stations on 2 levels
- .315
- .316
- .317      Street-car stations
- .318      Elevated railway stations
- .319      Underground railway stations
- .32      Railway freight houses
- .33      Railway shops, roundhouses, car houses, tanks, stores
- .34      Dock bildings      Wharf boats and houses
- .35      Warehouses      Cold storage      Safe deposit storage
- .36      Elevators, grain
- .37
- .38      Garages      Livery stables  
    *For private stables and garages see 728.94*
- .39      Other

**.4 Factories**

- .41      Textil factories or mills: wool, cotton, silk
- .42      Breweries      Malteries      Distilleries
- .43      Foundries      Machine shops      Iron and steel works
- .44      Woodworking mills      Furniture factories
- .45      Carriage and car factories
- .46      Paper mills
- .47      Mills for flour, meal, feed, etc.
- .48      Pottery, glass, terracotta, brick works
- .49      Other factories

FINE ARTS

- 725.5 Hospitals and asylums**      See also 725.6 Reformatories
- .51 Sick and wounded    Eye and ear    Incurables    Lying-in
  - .52 Insane
  - .53 Idiotic    Feeble-minded
  - .54 Blind    Def and dum
  - .55 Paupers    Almshouses
  - .56 Aged
  - .57 Children    Orphans
  - .58 Foundling
  - .59 Soldiers homes
  - .6 Prisons and reformatories**
  - .61 State prisons    Penitentiaries
  - .62 Jails    Cell houses
  - .63 Reformatories for adults    Houses of correction
  - .64 Reform schools
  - .65 Washingtonian homes    Inebriate asylums
  - .66
  - .7 Refreshment    Baths    Parks**
  - .71 Cafés    Restaurants
  - .72 Saloons
  - .73 Baths: warm, medicated, turkish, russian
  - .74 Swimming baths
  - .75 Buildings for watering places, spas, etc.
  - .76 Buildings for parks
  - .8 Recreation**
  - .81 Music halls
  - .82 Theaters    Opera houses  
    Grand stands, stadiums
  - .83 Halls for lectures, readings, etc.
  - .84 Bowling alleys    Billiard saloons
  - .85 Gymnasiums    Turn halls
  - .86 Skating rinks    Bicycle rinks
  - .87 Boat houses
  - .88 Riding halls and schools
  - .89 Shooting galleries
  - .9 Other public bildings**
  - .91 Exhibition halls
  - .92 Temporary halls    Tabernacles    Wigwams
  - .93 Workingmen's clubs and institutes
  - .94

DECIMAL CLASSIFICATION

726 Ecclesiastic and religious

- .1 Temples
- .2 Mosques
- .3 Synagogs
- .4 Chapels      Sunday school bildings
- .5 Churches
- .6 Cathedrals
- .7 Monasteries      Convents      Abbeys
- .8 Mortuary: cemetery chapels, receiving vaults, tombs
- .9 Other: Y. M. C. A. etc.

727 Educational and scientific

- .1 Schools  
     Study and recitation rooms. Not including dormitory or boarding
- .2 Academies      Seminaries      Boarding schools
- .3 Colleges      Universities
- .4 Professional and technical schools: law, theology, etc.
- .5 Laboratories: physical, chemic      See 542.1      biologic, etc.  
     Zoologic and botanic gardens      See also 590.7 and 580.7
- .6 Museums      Herbariums      See 580.7
- .7 Art galleries      Studios
- .8 Libraries      See 022 Library bildings
- .9 Other: learned societies, etc.

728 Residences

- .1 Tenement houses
  - .11 City homes of poor
  - .12 Country      "
  - .13 Cités ouvrières
- .2 Apartment houses      Flats      Family hotels
- .3 City houses      Mansions      Palaces
  - .31 Between party walls      Stone
  - .32      "      "      Brick
  - .33      "      "      Partly wood
  - .34 Semidetacht, including end houses in city blocks      Stone
  - .35      "      "      "      Brick
  - .36      "      "      "      Partly wood
  - .37 Detacht      Stone
  - .38      "      Brick
  - .39      "      Partly wood
- .4 Club houses      Bildings for secret societies
- .5 Hotels      Inns
  - .51 City hotels
  - .52 Summer resorts
  - .53 Country inns



FINE ARTS

**728.6 Village and country homes**

- .61 Village dwellings; on small lots
- .62 Stone
- .63 Brick
- .64 Concrete or stucco
- .65 Part masonry, part wood
- .66 All wood
- .67 Farm houses
- .68 Laborers cottages
- 7 Seaside and mountain cottages      Chalets**
- .8 Country seats**
- 81 Castles
- .82 Chateaux
- .83 Manor houses
- .84 Villas
- .9 Outbuildings**
- .91 Porters lodges
- .92 Servants quarters
- .93 Kitchens and laundries
- .94 Stables      Carriage houses      Garages  
See also 725.38 Public garages and livery stables
- .95 Barns      Granaries
- .96 Dairies
- .97 Ice houses
- .98 Conservatories      Greenhouses      Graperies
- .99 Other

**729 Architectural design and decoration**

For decorative illumination see 745

- .1 The elevation**
- .11 Composition
- .12 Distribution
- .13 Proportion
- .14 Light and shade
- .15 Perspective effect
- .16
- .17
- .18
- .19

For projection of shadows and graphics of light and shadow see 515.63 and 515.7

- .2 The plan**
- .21 Elements required
- .22 Distribution
- .23 Proportion

DECIMAL CLASSIFICATION

**729.3 Elementary forms**

For construction of these forms see 721

- .31 Walls Moldings Cornises
- .32 Piers, columns, pilasters, pedestals and the orders Colonnades
- .33 Arches and arcades
- .34 Vaults and domes
- .35 Roofs Spires Dormers
- .36 Towers
- .37 Gables and pediments
- .38 Doors and windows Bays Oriels
- .39 Stairs and balustrades

See also 515.83 Stereotomy; 694.8 Stairbuilding

**.4 Painted decoration**

See also 729.7 Mosaic

- .41 Vegetable forms
- .42 Animal forms
- .43 Grotesque forms
- .44 Conventional and geometric forms
- .45 Painted moldings
- .46 Painted friezes and panels
- .47 Painted columns and pilasters
- .48 Painted ceilings and vaults
- .49 Painted walls

**.5 Decoration in relief**

For bas relief and figure carving see 730

- .51 Vegetable forms
- .52 Animal forms
- .53 Grotesque forms
- .54 Conventional and geometric forms
- .55 Carvd moldings
- .56 Carvd friezes and panels
- .57 Carvd columns and pilasters
- .58 Carvd ceilings and vaults
- .59 Other carvd ornament

**.6 Incrustation and veneering**

- .61 Of external walls (in brick, stone, or marble, tiles, etc.)
- .62 Of interiors
- .63 Intarsia and inlay
- .64 Niellowork
- .65 Enamel decoration

- .66
- .67
- .68
- .69

FINE ARTS

**729.7 Mosaic**

- .71 Mosaic ceiling
- .72 Mosaic walls
- .73 Mosaic floors
- .74 Other mosaic designs

.75

.76

.77

.78

.79

**.8 Stained glass design**

*For technical processes see 666.1; for history see 748*

- .81 Geometric windows
- .82 Medallion windows
- .83 Canopy windows
- .84 Figure windows
- .85 Mosaic windows
- .86 Other kinds of stained glass

.87

.88

.89

**.9 Architectural accessories and fixt furniture**

- .91 Altars
- .92 Pulpits Tribunes
- .93 Dais Thrones
- .94 Buffets
- .95 Mantels Overmantels
- .96 Screens Rood screen Reredos

.97

.98

.99

**730 Sculpture**

**731** Materials and methods

**732** Ancient

**733** Greek and Roman

**734** Medieval

**735** Modern

**736** Carving Seals Dies Gems Cameos

**737** Numismatics Coins Medals

*Artistic and historic side See also 332.4 Coins and coinage, as money*

**738** Pottery Porcelain

**739** Bronzes Brasses Bricabrac

**740 Drawing Decoration Design**

Arts and crafts

- 741 Freehand Crayon Sketching from nature  
Caricatures Cartoons

Collections on any subject go with that subject with reference from 741

- 742 Perspectiv See also 515.6

- 743 Art anatomy Life school

- 744 Mathematic and scientific drawing See 515

Instructions for architectural and other mathematical drawing, with demonstrations (if any) subsidiary.

Textbooks with mathematical demonstrations in scientific order are better in 515

- 745 Ornamental design: woven fabrics, carpets,  
wall paper, etc.

- 746 Art needlework Fancy work

- 747 Interior decoration Distemper Fresco  
Polychrome

- 748 Stained and iridescent glass For leading, see 698.5

- 749 Artistic furniture Fireplaces Frames, etc.

**750 Painting**

- 751 Materials and methods

- 752 Color See also 535.6 Optics

- 753 Epic Mythic Idealistic See 759.3 German school

- 754 Genre See 759.4 French; and 759.9 Belgian

- 755 Religious, ecclesiastic See 759.5 Italian; and 759.6 Spanish  
See also 246 Ecclesiology

- 756 Historical, battle scenes

- 757 Portrait

- 758 Landscape and marine Still life

Animals Flowers

- 759 Various schools of painting

- .1 American
- .2 English
- .3 German
- .4 French
- .5 Italian
- .6 Spanish
- .7 Slavic
- .8 Scandinavian
- .9 Other schools

**760 Engraving**

- 761 Wood
- 762 Copper and steel
- 763 Lithografy
- 764 Chromolithografy
- 765 Line and stipple
- 766 Mezzotint and aquatint
- 767 Etching Dry point
- 768 Bank note and machine
- 769 Collections of engravings

**770 Fotografy**

- 771 Materials Fotografic chemistry
- 772 Processes

- Silver: daguerreotype, talbotype

- Collodion: ambrotype, etc.

- Dry plate

- Color fotografy

- 773 Gelatin and pigment: woodburytype

- Carbon: lambertype, autotype, etc.

- 774 Gelatin and printers ink

- Albertype, heli .type, artotype, etc.

- 775 Fotolithografy, etc.

- 776 Fotozincografy, etc.

- 777 Fotoengraving and fotoelectrotyping

- 778 Special applications

- Moving pictures. See also 522.63 Astronomy; 578 Microscopy

- 779 Collections of fotografs

**780 Music**

.1 Philosophy and esthetics of music .2 Compendis .3 Dictionaries .4 Essays  
 .5 Periodicals .6 Societies .7 Education, conservatories .8 Polygraphy,  
 libraries .9 History, divided by countries, like 930-999  
 All heads include the music itself and everything about it: score, libretto, history,  
 criticism, etc.

**781 Theory of music**

- .1 **Mathematic and physical**
- .2 **Elementary and general**
- .3 **Harmony Thorobass**
- .4 **Counterpoint**
- .5 **Musical form**
- .6 **Composition and instrumentation**
- .7 **Oriental theories and forms Russian music**
- .8 **Ancient Grecian theories, modes, and forms**
- .9

**782 Dramatic music**

- .1 **Grand opera**
- .2 **Epic Wagnerian**
- .3 **Other German grand opera**
- .4 **French grand opera**
- .5 **Italian grand opera**
- .6 **Comic and satiric**
- .7 **Opera bouffe**
- .8 **Operettas and cantatas** See 783.4
- .9 **Pantomimes, masks, etc.**

**783 Sacred music**

See 245 Hymnology, sacred poetry, for hymns alone; if with tunes they go in 783.9:  
 786.8 Organ; 246.7-8 Evangelistic use and Eucharistic music; 264.2 Public worship

- .1 **Organ and orchestral Accompaniment**
- .2 **Cathedral servises: masses, vespers, etc.**
- .21 **Mass Communion servises**
- .22 **Common of the mass: kyrie, gloria in excelsis, credo, benedictus, Agnus Dei**
- .23 **Proper of the season: offertory, sequence, gradual, tract**
- .24 **Choral servis: antiphonal, responsiv**
- .25 **Plain song**
- .26 **Litanies**
- .27 **Lenten and penitential: Good Friday, reproaches**
- .28 **Festival: Christmas, Easter, etc.**
- .29 **Processional Recessional**

## FINE ARTS

- 783.3 Oratorio    Passion music  
 .4 Anthem    Motet    Sacred cantata  
       Polyphonic school, Palestrina. 16th century  
 .5 Chant: Gregorian, Anglican  
 .6 Chorale    Tune    Carol  
 .7 Evangelistic: mission, revival    Sunday school  
 .8 Choir: men and boys    Quartet    Chorus  
 .9 Congregational singing    Psalmody    Hymnody
- 784 Vocal music  
 .1 Glee    Madrigal    Round    Catch  
 .2 Aria    Cavatina    Recitative    e. g. in oratorio, mass, opera  
 .3 Ballad and song  
       Romantic, idyllic, sentimental; e. g. modern German  
 .4 Popular ballads    Volkslied; e. g. Irish, Scotch, etc.  
 .5 Festival; e. g. sangerbund, eisteddfod    Competitiv  
 .6 College, society songs, and choruses  
 .7 Negro minstrelsy, plantation songs  
 .8 Collected songs  
 .81 Solos  
 .82 Duets  
 .83 Trios  
 .84 Quartets  
 .85 Other part songs  
 .86 Choruses  
 .87 Collections for male voices  
 .88 Collections for female voices  
 .89 Other special collections  
 .9 ] Vocal hygiene, culture, development, and methods    Tonic  
       sol-fa
- 785 Orchestral music  
       For dramatic orchestral music, see 782; sacred, 783.1  
 .1 Symphony  
       Three or more movements; e. g. adagio, andante, allegro, allegretto, scherzo,  
       finale, etc.  
 .2 Dramatic, illustrativ, descriptiv, program, imitativ  
       e. g. Mendelssohn's Midsummer night's dream  
 .3 Romantic, idyllic  
 .4  
 .5 Overture: e. g. Beethoven's Leonores  
 .6 Concerto: orchestral with solo instrument  
 .7 Chamber music  
 .8 Suite  
 .9 Arrangements, transcriptions, potpourris

DECIMAL CLASSIFICATION

786 Piano and organ

- .1 Piano History
- .2 Manufacture Tuning Temperament
- .3 Instruction
- .4 Piano music General collections
  - For piano concerto, see 785.6
  - .41 Sonata Sonatina Rondo
  - .42 Fantasia Arabesque
  - .43 Nocturne Meditation Romantic Descriptiv
    - Songs without words
  - .44 March and march form Polonaise Polka Mazurka
  - .45 Dance form: national, classic, idealized
  - .46 Modern dance music Society, festiv
  - .47 Etudes Artistic For études for instruction, see 786.3
  - .48 Variations, transcriptions
  - .49 Arrangements
    - Four hands and more; e. g. orchestral music arranged for piano
- .5 Organ History
- .6 Bilding
- .7 Instruction
- .8 Organ music See also 783 Sacred music
  - .81 Sonata
  - .82 Fugue
  - .83 Preludes
  - .84 Interludes
  - .85 Postludes
  - .86 Offertories
  - .87 Voluntaries Improvisations
  - .88 Organ and piano
  - .89 Organ, piano, and orchestra
- .9 Cabinet organ Melodeon

787 Stringd instruments

Including with each, history, manufacture, instruction, music, etc. Music for 2 instruments is put with the one most prominent in the composition

- Bowd
  - .1 Violin
  - .2 Viola
  - .3 Violoncello
  - .4 Double bass Contra bass
    - Plectral
  - .5 Harp
  - .6 Guitar Lute Mandolin, etc.
  - .7 Banjo
  - .8 Zither
  - .9 Other stringd instruments Harpsichord



## 788 Wind instruments

Including with each, history, manufacture, instruction, music, etc.

## Brass

- .1 Trumpet: slide and valv
- .2 Trombone
- .3 Cornet
- .4 Horns and other brass wind instruments
  - .41 French horn
  - .42 Saxhorn
  - .43 Saxophone
  - .44 Euphonium
  - .45 Ophicleide
  - .46 Key bugle
  - .47 Valv bugle
  - .48 Bass Tuba and contrabass tuba      Serpent
  - .49 Other

## Wood: flute group

- .5 Flute      Waldflute      Piccolo      Fife      Flageolet

## Wood: reed group

- .6 Clarinet      Bass clarinet      Bassethorn
- .7 Oboe      D'amore      Da caccia      Cor anglais
- .8 Bassoon      Double bassoon      Bombardon
- .9 Other reed wind instruments: bagpipe

## 789 Percussion and mechanical instruments

## Percussion

- .1 Drum
- .2 Cymbals
- .3 Triangle
- .4 Tambourine      Castanets      Bones
- .5 Bells: chimes, carillon
- .6 Other percussion instruments: xylofone

## Mechanical

- .7 Orchestrion
- .8 Music box
- .9 Other mechanical instruments

DECIMAL CLASSIFICATION

- 790 Amusements** For ethics of amusements, see 175
- 791 Public entertainment  
Concert, panorama, circus, menagerie, summer resort, garden, rink, museum,  
fair, festival
- 792 Theater Pantomime Opera  
Passion plays. Fotoplays. See also 782 Dramatic music
- 793 Indoor amusements  
Private theatricals, tableaux, charades, dancing
- 794 Games of skill  
Chess, checkers, billiards, bowling, bagatel
- 795 Games of chance  
Cards, dice, backgammon, dominoes
- 796 Outdoor sports  
Children's sports, athletic sports, coasting, skating, cycling, quoits, archery,  
croquet, lawn tennis, golf
- 797 Boating and ball  
Rowing, yachting, baseball, football, cricket, polo. Matches, races  
See also 371.74 and 371.75
- 798 Horsemanship Motoring Racing
- 799 Fishing, hunting, target shooting

# Literature

---

The classification, of literature is by *language*, not country, except that North and South American are separated from other English. Canadian French goes with 840; Australian and Indian English with 820; South American Spanish with 860, etc. Numbers assigned to individual authors include only their *literary* works of that section

and complete works which can not be divided. Books on other subjects go with their proper subjects, unless a 'special library' attracts all the authors' works, lives, etc. An author writing in 2 periods has all his books put in the one where most of them belong.

## 800 Literature: general works

801 Philosophy Theories Literary esthetics

802 Compends, outlines

803 Dictionaries, cyclopedias

804 Essays, lectures, addresses

805 Periodicals, magazines, reviews

806 Societies: transactions, reports, etc.

807 Study and teaching of literature

808 Rhetoric Treatises Collections

Divided .1 Poetry .2 Drama .3 Fiction .4 Essays .5 Oratory, see also 784.9 Vocal culture .6 Letters, epistolografy .7 Satire, humor .8 Collections too general to go with any one language, e. g. a book of quotations from many languages

These heads, and the same under 809, include only works about poetry, etc. regardless of language

809 History of literature in general

Including general histories of books and knowledge; e. g. Hallam's *Literature of the middle ages*

Divided like 808 .1 Poetry .2 Drama .3 Fiction, etc.

**810 American literature**

Includes Canadian English, which may be kept separate by prefixing C; e. g. C 811  
Canadian poetry

.1 Philosophy .2 Compends .3 Dictionaries .4 Essays on American literature  
.5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History of  
American literature

**811 American poetry**

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
.06 Descriptiv .07 Satiric and humorous .08 Collections .09 History of  
American poetry

**.1 Colonial 1607-1776**

.11	Sandys, George	1577-1644
.12	Bradstreet, Anne	1612-72
.13	Wigglesworth, Michael	1631-1705
.14	Green, Joseph	1706-80
.15	Livingston, William	1723-90
.16	Ferguson, Elizabeth	1739-1801

**.2 Post-revolutionary 1776-1830**

.21	Trumbull, John	1750-1831
.22	Dwight, Timothy	1752-1817
.23	Barlow, Joel	1755-1812
.24	Freneau, Philip	1752-1832
.25	Alsop, Richard	1761-1841
.26	Pierpont, John	1785-1866
.27	Dana, Richard Henry	1787-1879
.28	Sprague, Charles	1791-1875
.29	Minor poets	

**.3 Middle 19th century 1830-61**

.31	Halleck, Fitz-Greene	1790-1867
.32	Poe, Edgar Allan	1809-49
.33	Bryant, William Cullen	1794-1878
.34	Longfellow, Henry Wadsworth	1807-82
.35	Read, Thomas Buchanan	1822-72
.36	Whittier, John Greenleaf	1807-92
.37	Lowell, James Russell	1819-91
.38	Whitman, Walt	1819-92
.39		

**.4 Later 19th century 1861-1900**

.41	Stoddard, Richard Henry	1825-1903
.42	Hayne, Paul Hamilton	1831-86
.43	Stedman, Edmund Clarence	1833-1908
.44	Winter, William	1836-1918
.45	Miller, Cincinnatus Hiner (Joaquin)	1841-1913
.46	Taylor, Bayard	1825-78
.47		
.48		
.49		

**.5 Early 20th century 1901-**

## LITERATURE

- 812 American drama**
- .1 Colonial 1607-1776**
- .11 Warren, Mercy 1728-1814
- .12 Godfrey, Thomas 1736-63
- .13
- .2 Post-revolutionary 1776-1830**
- .21 Tyler, Royall 1757-1826
- .22 Dunlap, William 1766-1839
- .23 Hillhouse, James Abraham 1789-1841
- .24 Ingersoll, Charles Jared 1782-1862
- .25
- .3 Middle 19th century 1830-61**
- .31 Ritchie, Anna Cora Mowatt 1818-70
- .32 Mathews, Cornelius 1817-89
- .33 Boker, George Henry 1823-90
- .34
- .4 Later 19th century 1861-1900**
- .41
- .5 Early 20th century 1901-**
- 813 American fiction**
- .1 Colonial 1607-1776**
- .2 Post-revolutionary 1776-1830**
- .21 Brackenridge, Hugh Henry 1748-1816
- .22 Rowson, Susanna 1762-1824
- .23 Brown, Charles Brockden 1771-1810
- .24 Cooper, James Fenimore 1789-1851
- .25 Ware, William 1797-1852
- .26 Neal, John 1793-1876
- .27
- .28
- .29
- .3 Middle 19th century 1830-61**
- .31 Thompson, Daniel Pierce 1795-1868
- .32 Kennedy, John Pendleton 1795-1870
- .33 Hawthorne, Nathaniel 1804-64
- .34 Judd, Sylvester 1813-53
- .35 Simms, William Gilmore 1806-70
- .36 Melville, Herman 1819-91
- .37 Stowe, Harriet Beecher 1812-96
- .38
- .39
- .4 Later 19th century 1861-1900**
- .41 Alcott, Louisa May 1832-88
- .42 Eggleston, Edward 1837-1902
- .43 Howells, William Dean 1837-1920
- .44 Aldrich, Thomas Bailey 1836-1907
- .45 Harte, Francis Bret 1839-1902
- .46 James, Henry 1843-1916
- .47 Hawthorne, Julian 1846-
- .48 Burnett, Frances Hodgson 1849-
- .49 Minor novelists
- .5 Early 20th century 1901-**

DECIMAL CLASSIFICATION

- 814 American essays**
- .1 Colonial 1607-1776**
  - .2 Post-revolutionary 1776-1830**
  - .21 Rush, Benjamin 1745-1813
  - .22 Webster, Noah 1758-1843
  - .23 Channing, William Ellery 1780-1842
  - .3 Middle 19th century 1830-61**
  - .31 Ossoli, Margaret Fuller 1810-50
  - .32 Giles, Henry 1809-82
  - .33 Tuckerman, Henry Theodore 1813-71
  - .34 Holland, Josiah Gilbert 1819-81
  - .35 Whipple, Edwin Percy 1819-86
  - .36 Emerson, Ralph Waldo 1803-82 *See also 191.3*
  - .37 Curtis, George William 1824-92
  - .4 Later 19th century 1861-1900**
  - .41 Burroughs, John 1837-1921
  - .42
  - .43
  - .44
  - .5 Early 20th century 1901-**
- 815 American oratory**
- .1 Colonial 1607-1776**
  - .11
  - .12
  - .2 Post-revolutionary 1776-1830**
  - .21 Hamilton, Alexander 1757-1804
  - .22 Ames, Fisher 1758-1808
  - .23 Wirt, William 1772-1834
  - .24 Randolph, John 1773-1833
  - .25 Clay, Henry 1777-1852
  - .26 Calhoun, John Caldwell 1782-1850
  - .27 Webster, Daniel 1782-1852
  - .28
  - .29
  - .3 Middle 19th century 1830-61**
  - .31 Everett, Edward 1794-1865
  - .32 Choate, Rufus 1799-1859
  - .33 Sumner, Charles 1811-74
  - .34 Phillips, Wendell 1811-84
  - .35 Chapin, Edwin Hubbell 1814-80
  - .36 Beecher, Henry Ward 1813-87
  - .4 Later 19th century 1861-1900**
  - .41
  - .42
  - .43
  - .5 Early 20th century 1901-**
- 816 American letters** *Subdivided by periods, like 811*

LITERATURE

817 American satire and humor

- .1 Colonial 1607-1776**
- .11 Ward, Nathaniel 1570-1653
- .12 Alsop, George 1638- ?
- .13 Byles, Mather 1706-88
- .14 Hopkinson, Francis 1737-91
- .15 Peters, Samuel Andrew 1735-1826
- .2 Post-revolutionary 1776-1830**
- .21 Story, Isaac 1774-1803
- .22 Fessenden, Thomas Green 1771-1837
- .23 Paulding, James Kirke 1779-1860
- .24 Irving, Washington 1783-1859
- .25 Verplanck, Gulian Crommelin 1786-1870
- .26
- .27
- .3 Middle 19th century 1830-61**
- .31 Neal, Joseph Clay 1807-47
- .32 Holmes, Oliver Wendell 1809-94
- .33 Shelton, Frederick William 1814-81
- .34 Shillaber, B P (Mrs Partington) 1814-90
- .35 Saxe, John Godfrey 1816-87
- .36 Cozzens, Frederick Swartout 1818-69
- .37 Browne, C: F (Artemus Ward) 1834-67
- .38 Haliburton, Thomas Chandler 1796-1865
- .39 Minor satirists and humorists
- .4 Later 19th century 1861-1900**
- .41 Warner, Charles Dudley 1829-1900
- .42 Locke, David Ross (P V Nasby) 1833-88
- .43 Burdette, Robert J 1844-1914
- .44 Clemens, S: L (Mark Twain) 1835-1910
- .45 Carleton, William 1845-1912
- .46 Shaw, Henry W (Josh Billings) 1818-85
- .47
- .5 Early 20th century 1901-**

818 American miscellany

- .3 Middle 19th century 1830-61**
- .31 Thoreau, Henry David 1817-62
- .32 Mitchell, Donald Grant (Ik Marvel) 1822-1908
- .4 Later 19th century 1861-1900**
- .5 Early 20th century 1901-**

**820 English literature**

Canadian literature may be classed as British, if preferred, but separated by prefixing C to 820. See note to 810

820.1 Philosophy .2 Compendia .3 Dictionaries .4 Essays on English literature  
.5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History

**821 English poetry**

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
.06 Descriptive .07 Satiric and humorous .08 Collections .09 History of  
English poetry

**.1 Early English 1066-1400**

.11	Layamon	1150-1207
.12	Ormin	1187-1237
.13	Robert of Gloucester	1245-1307
.14	Minot, Lawrence	1313-52
.15	Langland, William	1332-99
.16	Barbour, John	1316-95
.17	<b>Chaucer, Geoffrey</b>	1340-1400
.18	Gower, John	1325-1408
.19	Minor writers	

**.2 Pre-Elizabethan 1400-1558**

.21	Lydgate, John	1369-1461
.22	Skelton, John	1460-1529
.23	Dunbar, William	1460-1520
.24	Douglas, Gavin	1474-1522
.25	Hawes, Stephen	1483-1509
.26	Lyndsay, Sir David	1490-1555
.27	Wyatt, Sir Thomas	1503-42
.28	Surrey, Henry Howard, earl of	1517-47
.29	Minor writers	

**.3 Elizabethan 1558-1625**

.31	<b>Spenser, Edmund</b>	1553-99
.32	Sidney, Sir Philip	1554-86
.33	Daniel, Samuel	1562-1619
.34	Drayton, Michael	1563-1631
.35	Davies, John	1569-1626
.36	Drummond, William	1585-1649
.37	Fletcher, Giles and Phineas	1585-1650
.38	Herbert, George	1593-1633
.39	Minor writers	

**.4 Post-Elizabethan 1625-1702**

.41	Suckling, Sir John	1609-42
.42	Crashaw, Richard	1616-50
.43	Herrick, Robert	1591-1674
.44	Waller, Edmund	1605-87
.45	Lovelace, Richard	1618-58
.46	Cowley, Abraham	1618-67
.47	<b>Milton, John</b>	1608-74
.48	<b>Dryden, John</b>	1631-1700
.49	Minor writers	



LITERATURE

- 821.5 Queen Anne** Early 18th century 1702-45
- .51 Prior, Matthew 1664-1721
  - .52 Parnell, Thomas 1679-1717
  - .53 **Pope, Alexander** 1688-1744 See also 827.55
  - .54 Ramsay, Allan 1686-1758
  - .55 Young, Edward 1684-1765
  - .56 Thomson, James 1700-48
  - .57 Collins, William 1721-59
  - .58 Shenstone, William 1714-63
  - .59 Minor writers
- .6 Later 18th century** Pre-revolutionary 1745-1800
- .61 Gray, Thomas 1716-71
  - .62 Akenside, Mark 1721-70
  - .63 Chatterton, Thomas 1752-70
  - .64 Goldsmith, Oliver 1728-74
  - See also 823.64 and 824.66
  - .65 Cowper, William 1731-1800
  - .66 Macpherson, James 1738-96
  - .67 **Burns, Robert** 1759-96
  - .68 White, Henry Kirke 1785-1806
  - .69 Minor writers
- .7 Early 19th century** Post-revolutionary 1800-37
- .71 Wordsworth, William 1770-1850
  - .72 Coleridge, Samuel Taylor 1772-1834
  - .73 Southey, Robert 1774-1843
  - .74 Scott, Sir Walter 1771-1832 See also 823.73
  - .75 Moore, Thomas 1779-1852
  - .76 Byron, George Gordon Noel, 6th lord 1788-1824
  - .77 Shelley, Percy Bysshe 1792-1822
  - .78 Keats, John 1795-1821
  - .79 Minor writers
- .8 Victorian period** 1837-1900
- .81 Tennyson, Alfred, 1st baron 1809-92
  - .82 Browning, Elizabeth Barrett 1809-61
  - .83 Browning, Robert 1812-89
  - .84 Rossetti, Dante Gabriel 1828-82
  - .85 Morris, William 1834-96
  - .86 Swinburne, Algernon Charles 1837-1909
  - .87
  - .88
  - .89 Minor writers
- .91 Early 20th century** 1901-
- 822 English drama**
- .1 Early English** 1066-1400
  - .11 Chester plays
  - .12 Coventry plays
  - .13 Townley plays

DECIMAL CLASSIFICATION

<b>822.2</b>	<b>Pre-Elizabethan</b>	<b>1400-1558</b>	
.21	Heywood, John	1506-65	
.22	Udall, Nicholas	1505-64	
.23	Bale, John	1495-1563	
<b>.3</b>	<b>Elizabethan</b>	<b>1558-1625</b>	
.31	Greene, Robert	1561-92	
.32	Marlowe, Christopher	1564-93	
.33	Shakespeare, William	1564-1616	
.34	Jonson, Ben	1574-1637	
.35	Beaumont, Francis and Fletcher, John	1584-1616	
.36	Webster, John	1579-1625	
.37	Massinger, Philip	1582-1652	
.38	Ford, John	1584-1640	
.39	Minor writers	1586-1639	
<b>.4</b>	<b>Post-Elizabethan</b>	<b>1625-1702</b>	
.41	Davenant, Sir William	1605-68	
.42	Etherege, Sir George	1637-88	
.43	Crowne, John	1644-99	
.44	Wycherly, William	1640-1715	
.45	Otway, Thomas	1651-85	
.46	Congreve, William	1670-1729	
.47	Vanbrugh, Sir John	1666-1726	
.48	Farquhar, George	1678-1707	
.49	Minor writers		
<b>.5</b>	<b>Queen Anne</b>	<b>Early 18th century</b>	<b>1702-45</b>
.51	Dennis, John	1657-1734	
.52	Southerne, Thomas	1660-1746	
.53	Centlivre, Mrs Susannah (Freeman)	1668-1723	
.54	Cibber, Colley	1671-1757	
.55	Rowe, Nicholas	1674-1718	
.56	Gay, John	1688-1732	
.57	Lillo, George	1693-1739	
.58			
.59	Minor writers		
<b>.6</b>	<b>Later 18th century</b>	<b>1745-1800</b>	
.61	Garrick, David	1716-79	
.62	Foote, Samuel	1721-77	
.63	Colman, George, the elder	1732-94	
.64	Home, John	1724-1808	
.65	Cumberland, Richard	1732-1811	
.66	Sheridan, Richard Brinsley	1751-1816	See also 825.64
.67	Inchbald, Mrs Elizabeth (Simpson)	1753-1821	
.68			
.69	Minor writers		
<b>.7</b>	<b>Early 19th century</b>	<b>1800-1837</b>	
.71	Baillie, Joanna	1762-1851	
.72	Knowles, James Sheridan	1784-1862	
<b>.8</b>	<b>Victorian period</b>	<b>1837-1900</b>	
<b>.91</b>	<b>Early 20th century</b>	<b>1901-</b>	

## LITERATURE

- 823 English fiction
- .1 **Early English** 1066-1400
  - .2 **Pre-Elizabethan** 1400-1558
    - More's *Utopia*
  - .3 **Elizabethan** 1558-1625
    - Lyly's *Euphues*
  - .4 **Post-Elizabethan** 1625-1702
    - .41 Harrington, James 1611-77
    - .42 Bunyan, John 1628-88
    - .43 Mackenzie, George 1636-91
    - .44 Behn, Aphra 1640-89
  - .5 **Queen Anne** 1702-45
    - .51 DeFoe, Daniel 1661-1731
    - .52 Fielding, Henry 1707-54
  - .6 **Later 18th century** 1745-1800
    - .61 Richardson, Samuel 1689-1761
    - .62 Sterne, Laurence 1713-68
    - .63 Smollett, Tobias George 1721-71
    - .64 Goldsmith, Oliver 1728-74
      - See also 821.64 and 824.66
    - .65 Mackenzie, Henry 1745-1831
    - .66 Arblay, Frances (Burney), madame d' 1752-1840
    - .67
    - .68
    - .69 Minor writers
  - .7 **Early 19th century** 1800-37
    - .71 Lewis, Matthew Gregory 1775-1818
    - .72 Edgeworth, Maria 1767-1849
    - .73 Scott, Sir Walter 1771-1832 See also 821.74
    - .74 Austen, Jane 1775-1817
    - .75 Porter, Jane 1776-1850
    - .76 Peacock, Thomas Love 1785-1866
    - .77 Galt, John 1779-1839
    - .78 Marryat, Frederick 1792-1848
    - .79 Minor writers
  - .8 **Victorian period** 1837-1900
    - .81 Brontë, Charlotte 1816-55
    - .82 Thackeray, William Makepeace 1811-63
    - .83 Dickens, Charles 1812-70
    - .84 Lytton, Edward George Bulwer, 1st baron 1803-73
    - .85 Kingsley, Charles 1819-75
    - .86 Beaconsfield, Benjamin Disraeli, 1st earl of 1805-81
    - .87 Trollope, Anthony 1815-82
    - .88 Cross, Mary Ann (Evans) Lewes [George Eliot] 1819-80
    - .89 Minor writers
  - .91 **Early 20th century** 1901-

DECIMAL CLASSIFICATION

824 English essays

- .3 **Elizabethan 1558-1625**  
Francis Bacon 1561-1626
- .4 **Post-Elizabethan 1625-1702**  
John Locke 1632-1704
- .5 **Queen Anne 1702-45**
- .51 Shaftsbury, Anthony Ashley Cooper, 3d earl of 1671-1713
- .52 Addison, Joseph 1672-1719
- .53 Steele, Sir Richard 1671-1729
- .54 Budgell, Eustace 1686-1737
- .55
- .56
- .57
- .58
- .59
- .6 **Later 18th century 1745-1800**
- .61 Moore, Edward 1712-57
- .62 Kames, Henry Home, lord 1696-1782
- .63 Johnson, Samuel 1709-84
- .64 Hume, David 1711-76 See also 192.4
- .65 Hawkesworth, John 1715-73
- .66 Goldsmith, Oliver 1728-74  
See also 821.64 and 823.64
- .67 Gibbon, Edward 1737-94
- .68
- .69 Minor writers
- .7 **Early 19th century 1800-37**
- .71 Mackintosh, Sir James 1765-1832
- .72 Smith, Sydney 1771-1845
- .73 Jeffrey, Francis, lord 1773-1850
- .74 Brougham, Henry, 1st baron 1778-1868
- .75 Lamb, Charles 1775-1834
- .76 Hazlitt, William 1778-1830
- .77 Hunt, Leigh 1784-1859
- .78
- .79 Minor writers
- .8 **Victorian period 1837-1900**
- .81 De Quincey, Thomas 1785-1859
- .82 Carlyle, Thomas 1795-1881
- .83 Macaulay, Thomas Babington, 1st baron 1800-59
- .84 Helps, Sir Arthur 1817-75
- .85 Arnold, Matthew 1822-88
- .86 Ruskin, John 1819-1900
- .87
- .88
- .89 Minor writers
- .91 **Early 20th century 1901-**

LITERATURE

- 825 English oratory** For 'speakers' see 808.5  
 Subdivided by periods like 821
- |           |                                     |                           |
|-----------|-------------------------------------|---------------------------|
| <b>.6</b> | <b>Later 18th century 1745-1800</b> |                           |
| .61       | Chatham, William Pitt, 1st earl of  | 1708-78                   |
| .62       | Burke, Edmund                       | 1729-97                   |
| .63       | Fox, Charles James                  | 1749-1806                 |
| .64       | Sheridan, Richard Brinsley          | 1751-1816 See also 822.66 |
| .65       | Grattan, Henry                      | 1750-1820                 |
| .66       | Pitt, William                       | 1759-1806                 |
- 826 English letters**  
 Subdivided by periods like 821
- |           |   |                  |
|-----------|---|------------------|
| <b>.2</b> | <b>Pre-Elizabethan</b>                            | <b>1400-1558</b> |
|           | Paston letters                                    |                  |
| <b>.5</b> | <b>Queen Anne 1702-45</b>                         |                  |
| .51       | Montagu, Lady Mary (Pierrepont) Wortley           | 1690-1762        |
| .52       | Chesterfield, Philip Dormer Stanhope, 4th earl of | 1694-1773        |
| .53       |   |                  |
| <b>.6</b> | <b>Later 18th century 1745-1800</b>               |                  |
| .61       | Orford, Horace Walpole, 4th earl of               | 1717-97          |
| .62       | Montagu, Mrs Elizabeth (Robinson)                 | 1720-1800        |
- 827 English satire and humor**
- |           |                                   |           |
|-----------|-----------------------------------|-----------|
| <b>.2</b> | <b>Pre-Elizabethan 1400-1558</b>  |           |
| .21       | Barclay, Alexander                | 1475-1552 |
| <b>.3</b> | <b>Elizabethan 1558-1625</b>      |           |
| .31       | Gascoigne, George                 | 1537-77   |
| .32       | Harington, Sir John               | 1561-1612 |
| .33       | Hall, Joseph                      | 1574-1656 |
| .34       | Marston, John                     | 1575-1634 |
| .35       | Donne, John                       | 1573-1631 |
| .36       |                                   |           |
| .37       |                                   |           |
| .38       |                                   |           |
| .39       |                                   |           |
| <b>.4</b> | <b>Post-Elizabethan 1625-1702</b> |           |
| .41       | Wither, George                    | 1588-1667 |
| .42       | Butler, Samuel                    | 1612-80   |
| .43       | Marvell, Andrew                   | 1620-78   |
| .44       | D'Urfey, Thomas                   | 1625-1723 |
| .45       | Oldham, John                      | 1653-83   |
| .46       | Brown, Thomas                     | 1663-1704 |
| .47       | King, William                     | 1663-1712 |
| .48       | Garth, Sir Samuel                 | 1665-1719 |
| .49       | Minor writers                     |           |

DECIMAL CLASSIFICATION

<b>827.5</b>	<b>Queen Anne 1702-45</b>	
.51	Ward, Edward	1667-1731
.52	Swift Jonathan	1667-1745
.53	Mandeville, Bernard de	1670-1733
.54	Arbuthnot, John	1675-1735
.55	Pope, Alexander	1688-1744 See also 821.53
.56		
.57		
.58		
.6	<b>Later 18th century 1745-1800</b>	
.61	Churchill, Charles	1733-65
.62	Amory, Thomas	1691-1788
.63	Whitehead, Paul	1710-74
.64	Junius <i>pseud.</i>	1679-1772
.65	Wolcott, John [Peter Pindar]	1738-1819
.66		
.67		
.68		
.7	<b>Early 19th century 1800-37</b>	
.71	Gifford, William	1757-1826
.72	Hood, Thomas	1798-1845
.73		
.74		
.75		
.76		
.8	<b>Victorian 1837-1900</b>	
.81	Jerrold, Douglas	1803-57
.82		
.83		
.84		
.85		
.86		
.91	<b>Early 20th century 1901-</b>	

**828 English miscellany**

Anecdotes, ana, epigrams, quotations, etc. if illustrative of any special subject (e. g. biography, history, science, art), go with that subject. If general they go in 828; if limited to any period, they take the same divisions as 821. For riddles, see 393.6; Proverbs, see 398.9. The same rule applies to other languages in 838, 848, etc.

**829 Anglo-Saxon literature**

.1	<b>Poetry</b>
.2	<b>Cædmon</b>
.3	<b>Beowulf</b>
.4	<b>Cynewulf</b>
.5	<b>Homilies and religious</b>
.6	<b>Ælfric</b>
.7	<b>Alfred the Great</b>
.8	<b>Miscellaneous</b>
.9	<b>Historic and biographic</b>

## 830 German literature

830.1 Philosophy .2 Compendis .3 Dictionaries .4 Essays, lectures and addresses  
on German literature .5 Periodicals .6 Societies .7 Study and teaching .8 Col-  
lections .9 History

## 831 German poetry

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
.06 Descriptiv .07 Satiric and humorous .08 Collections .09 History of  
German poetry

- .1 **Before the Crusades —1150**
- .11 *Hildebrandslied*
- .12 Otfried
- .13 *Ludwigslied*
- .14 *Muspilli*
- .2 **Middle high 1150-1300**
- .21 *Nibelungenlied*
- .22 *Gudrun*, and minor folk epics
- .23 Heinrich von Veldeke -1200 See also 839.3112
- .24 Wolfram von Eschenbach
- .25 Gottfried von Strassburg
- .26 Hartmann von Aue 1170-1220
- .27 Walther von der Vogelweide 1170-1230
- .28 Ulrich von Lichtenstein 1199-1276
- .29 Minor writers
- .3 **Period of decline 1300-1517**
- .31 Horneck, Ottokar von
- .32 Hadamar von Laber
- .33 Hermann von Sachsenheim -1458
- .34 Böheler, Hans *Die sieben weisen meister* 1414-
- .35 Kaspar von der Röhn *Das heldenbuch*
- .36 *Theuerdank*
- .37 *Die Haimonskinder*
- .38 Mastersingers
- .39 Minor writers
- .4 **Reformation; new high 1517-1625**
- .41 Agricola, Martin 1486-1556
- .42 Waldis, Burkard 1490-1558
- .43 Alberus, Erasmus 1500-53
- .44 Sachs, Hans 1494-1576
- .45 Ringwaldt, Bartholomäus 1530-99
- .46 Rollenhagen, Georg 1542-1609
- .47 Andrea, Johann Valentin 1586-1654
- .5 **Period of imitation 1625-1750**
- The Silesian schools
- .51 Opitz von Boberfeld, Martin 1597-1639
- .52 Flemming, Paul 1609-40
- .53 Logau, Friedrich von 1604-55
- .54 Gerhardt, Paul 1607-76
- .55 Hofmannswaldau, Christian Hofmann von 1618-79
- .56 Zesen, Philipp von 1619-89
- .57 Brockes, Barthold Heinrich 1680-1747
- .58 Bodmer, Johann Jakob 1698-1783
- .59 Minor writers

DECIMAL CLASSIFICATION

- 831.6 Classic period 1750-1830**  
 For Göthe and Schiller, see 832.6
- |            |  |           |
|------------|--|-----------|
| .61        | Gellert, Christian Fürchtegott                         | 1715-69   |
| .62        | Klopstock, Friedrich Gottlieb                          | 1724-1803 |
| .63        | Bürger, Gottfried August                               | 1748-94   |
| .64        | Herder, Johann Gottfried von                           | 1744-1803 |
| .65        | Voss, Johann Heinrich                                  | 1751-1826 |
| .66        | Körner, Karl Theodor                                   | 1791-1813 |
| .67        | Hölderlin, Johann Christian Friedrich                  | 1770-1843 |
| .68        | Platen Hallermünde, August, graf von                   | 1796-1835 |
| .69        | Minor writers  |           |
| <b>.7</b>  | <b>Postclassic period 1830-56</b>                      |           |
| .71        | Arndt, Ernst Moritz                                    | 1769-1860 |
| .72        | Eichendorff, Joseph, freiherr von                      | 1788-1857 |
| .73        | Uhland, Johann Ludwig                                  | 1787-1862 |
| .74        | Rückert, Friedrich                                     | 1789-1866 |
| .75        | Heine, Heinrich  | 1799-1856 |
| .76        | Niemsch von Strehlenau, Nikolaus                       | 1802-50   |
| .77        | Auersperg, Anton Alexander, graf von [Anastasius Grün] | 1806-81   |
| .78        | Freiligrath, Ferdinand                                 | 1810-76   |
| .79        | Minor writers  |           |
| <b>.8</b>  | <b>Later 19th century 1856-1900</b>                    |           |
| .81        | Schefer, Leopold                                       | 1784-1862 |
| .82        | Kinkel, Johann Gottfried                               | 1815-82   |
| .83        | Geibel, Emanuel  | 1815-84   |
| .84        | Bodenstedt, Friedrich Martin                           | 1819-92   |
| .85        |  |           |
| .86        |  |           |
| .87        |  |           |
| .88        |  |           |
| .89        | Minor writers  |           |
| <b>.91</b> | <b>Early 20th century 1901-</b>                        |           |
| <b>832</b> | <b>German drama</b>                                    |           |
| <b>.5</b>  | <b>Period of imitation 1625-1750</b>                   |           |
| .51        | Gryphius, Andreas                                      | 1616-64   |
| .52        | Lohenstein, Daniel Casper                              | 1635-83   |
| .53        | Weise, Christian                                       | 1642-1708 |
| .54        | Gottsched, Johann Christoph                            | 1700-76   |
| .55        | Gottsched, Luise Adelgunde Victorie (Culmus)           | 1713-62   |
| <b>.6</b>  | <b>Classic period 1750-1830</b>                        |           |
| .61        | Lessing, Gotthold Ephraim                              | 1729-81   |
| .62        | Göthe, Johann Wolfgang von                             | 1749-1832 |
| .63        | Schiller, Johann Christoph Friedrich                   | 1759-1805 |
| .64        | Klinger, Friedrich Maximilian                          | 1753-1831 |
| .65        | Iffland, August Wilhelm                                | 1759-1814 |
| .66        | Kotzebue, August Friedrich Ferdinand von               | 1761-1819 |
| .67        | Werner, Friedrich Ludwig Zacharias                     | 1768-1823 |
| .68        | Kleist, Heinrich Bernt Wilhelm von                     | 1777-1811 |
| .69        | Minor writers  |           |



## LITERATURE

- 832.7 Postclassic period 1830-56**
- .71 Grabbe, Christian Dietrich 1801-36
- .72 Griepenkerl, Wolfgang Robert 1810-36
- .73 Grillparzer, Franz 1791-1872
- .74 Birch-Pfeiffer, Charlotte 1800-68
- .75 Münch-Bellinghausen, Eligius Franz Joseph  
[Friedrich Halm] 1806-66
- .76 Laube, Heinrich 1806-84
- .77 Hebbel, Friedrich 1815-63
- .78 Gutzkow, Karl Ferdinand 1811-78
- .79 Minor writers
- .8 Later 19th century 1856-1900**
- .81 Benedix, Julius Roderich 1811-73
- .82 Mosenthal, Salomon Hermann 1821-77
- .83 Brachvogel, Albert Emil 1824-78
- .84 Gottschall, Karl Rudolph 1823-1909
- .85 Lindau, Paul 1839-
- .89 Minor writers
- .91 Early 20th century 1901-**
- 833 German fiction**
- .5 Period of imitation 1625-1750**
- .51 Buchholtz, Andrew Heinrich 1607-71
- .52 Grimmelshausen, Hans Jakob Christoffel von 1625-76
- .53 Anselm, Heinrich 1653-97
- .54 *Robinsonaden*
- .55 *Der Neue Amadis*
- .6 Classic period 1750-1830**
- .61 Wieland, Christoph Martin 1733-1813
- .62 Richter, Jean Paul Friedrich 1763-1825
- .63 Hardenberg, Friedrich von [Novalis] 1772-1801
- .64 Hoffmann, Ernst Theodor Wilhelm 1776-1822
- .65 La Motte Fouqué, Friedrich H; C; 1777-1843
- .66 Arnim, Ludwig Achim von 1781-1831
- .67 Hauff, Wilhelm 1802-27
- .68 Chamisso, Adelbert von 1781-1838
- .69 Minor writers
- .7 Postclassic period 1830-56**
- .71 Zschokke, Johann Heinrich Daniel 1771-1848
- .72 Brentano, Clemens 1778-1842
- .73 Tieck, Ludwig 1773-1853
- .74 Postl, Karl [Charles Sealsfield] 1793-1864
- .75 Häring, Wilhelm [Wilibald Alexis] 1798-1871
- .76 Hahn-Hahn, Ida, gräfin von 1805-80
- .77 Gerstäcker, Friedrich 1816-72
- .78 Hackländer, Friedrich Wilhelm 1816-77
- .79 Minor writers

DECIMAL CLASSIFICATION .

- 833.8 Later 19th century 1856-1900**
- |     |                                 |           |
|-----|---------------------------------|-----------|
| .81 | Auerbach, Berthold              | 1815-82   |
| .82 | Freytag, Gustav                 | 1816-95   |
| .83 | Scheffel, Joseph Viktor von     | 1826-96   |
| .84 | Spielhagen, Friedrich           | 1829-1911 |
| .85 | Heyse, Paul Johann Ludwig       | 1830-1914 |
| .86 | Ebers, Georg                    | 1837-98   |
| .89 | Minor writers                   |           |
| .91 | <b>Early 20th century 1901-</b> |           |
- 834 German essays** Subdivided by periods like 831
- 835 German oratory** " "
- 836 German letters** " "
- 837 German satire and humor**
- |     |  |           |
|-----|--|-----------|
| .2  | <b>Middle high: minnesingers 1150-1300</b>           |           |
| .21 | [Stricker, Der] <i>Der Pfaffe Amis und Beispiele</i> |           |
| .22 | <i>Salomon und Morolf</i>                            |           |
| .3  | <b>Period of decline 1300-1517</b>                   |           |
| .31 | <i>Reineke Vos</i> See also 839.371                  |           |
| .32 | Brant, Sebastian                                     | 1458-1521 |
| .4  | <b>Reformation: new high 1517-1625</b>               |           |
| .41 | Murner, Thomas [Tyll Eulenspiegel]                   | 1475-1537 |
| .42 | Fischart, Johann                                     | 1550-89   |
| .5  | <b>Period of imitation 1625-1750</b>                 |           |
| .51 | Moscherosch, Johann Michael                          | 1601-69   |
| .52 | Rachel, Joachim                                      | 1618-69   |
| .53 | Wernicke, Christian                                  | 1660-1720 |
| .54 | Liscow, Christian Ludwig                             | 1701-60   |
| .6  | <b>Classic period 1750-1830</b>                      |           |
| .61 | Rabener, Gottlieb Wilhelm                            | 1714-71   |
| .62 | Blumauer, Aloys                                      | 1755-98   |
- 838 German miscellany**  
See 828, note

## 839 Minor Teutonic literatures

Subdivided by form, poetry, drama, etc. like 830

- .1 Low German**
- .2 Frisian Old Saxon**
- .3 Dutch literature Flemish**
- .31 Dutch poetry**
- .311 Middle ages 1200-1450**  
1 Jacob van Maerlant 1235-91 (2 Heinrije van Veldeke 1200, see 831.23) 3 Jan van Brabant 1250-94 4 Mellis Stoke 1310 5 Dirc Potter 1428
- .312 Chambers of rhetoric 1450-1600**  
1 Antonius de Rovere 1482 2 Anna Bijns 1500 3 Matthijs de Castelein 1488-1548 4 Cornelis Everaert 1550 5 Jan Baptist Houwaert 1533-99 6 Dirk Volkeraasoon Coornhert 1522-90 7 Philipp Marnix 1538-98 8 Cornelis van Ghistele 1600 9 Minor writers
- .313 Period of the Republic 1600-1700**  
1 Jacob Cats, 1577-1660 2 Joost van der Vondel 1587-1679 3 Marie Tesselschade Visscher 1594-1649 4 Constantija Huygens 1596-1687 5 Reyer Analo 1626-69 6 Geraert Brandt 1626-85 7 Jan Antoniszoon van der Goes (Anjonides) 1647-84 9 Minor writers
- .314 Poetic societies 1700-1800**  
1 Lucas Rotgans 1654-1710 2 Hubert Corneliszoon Poot 1689-1733 3 Arnold Hoogvliet 1687-1763 4 Sybrand Feitama 1694-1758 5 Willem van Haren 1710-68 6 Jacob Bellamy 1757-86 7 Hieronymus van Alphen 1746-1803 9 Minor writers
- .315 Modern period 1800-**  
1 Willem Bilderdijk 1756-1831 2 Jan Frederik Helmers 1767-1813 3 Cornelis Loots 1765-1834 4 Hendrik Tollens 1780-1856 5 Isaac da Costa 1798-1860 6 Jan Jacob Lodewijk ten Kate 1819-89 9 Minor writers
- .32 Dutch drama**
- .323 Period of the Republic 1600-1700**  
1 Gerbrand Adriaenszoon Bredero 1585-1618 2 Corneliszoon Hooft 1581-1647 3 Samuel Costa 1580-1650 4 Jan Vos 1620-67 5 Guillelmus Ogier 1619-89 6 Joachim Oudaan 1628-92 9 Other
- .324 Poetic societies 1700-1800**  
1 Pieter Langendijk 1683-1756 2 Andries Pels 3 Balthasar Huydecoper 1695-1778 4 Onno Zwier van Haren 1713-79 5 Jan Nomas 1738-1803 9 Minor writers
- .325 Modern period 1800-**  
1 Samuel Iperusszoon Wiselius 1769-1845 2 Helvetius van den Bergh 1795-1865 3 Hendrik Jan Schimmel 1825-1906
- .33 Dutch fiction**
- .334 Poetic societies 1700-1800**  
1 Elisabeth Bekker Wolff 1738-1804 2 Agatha Deken 1741-1804 3 Rhijnvis Feith 1753-1824
- .335 Modern period 1800-**  
1 Adriaan Loosjes 1761-1818 2 Jacob Voermaer 1783-1834 3 Jan Frederik Oltmans 1800-54 4 Jacob van Lennep 1802-68 5 Hendrik Conscience 1812-83 6 Anna Louisa Geertruida Bosboom-Toussaint 1812-86
- .34 Dutch essays**
- .344 Poetic societies 1700-1800**  
Justus van Effen 1684-1735
- .345 Modern period 1800-**  
1 Johannes Henricus van der Palm 1763-1840 2 Reinier Cornelis Bakhuizen van den Brink 1810-65 3 Everhardus Johannes Potgieter 1808-75 4 Nicolaas Beets 1814-1903 5 Coenraad Busken Huet 1826-86
- .37 Dutch satire and humor**
- .371 Middle ages 1200-1450**  
Reinaert (van den vos Reinaerde) see 837.31
- .374 Poetic societies 1700-1800**  
Arend Simonsszoon Fokke 1755-1812

DECIMAL CLASSIFICATION

- 839.38 Dutch miscellany  
 The subdivisions of 8 show the leading writers in other branches of knowledge  
 In classification, books are placed with their subjects, theology, history, etc.
- .381 Middle ages 1200-1450  
 Jan van Boendale (Jan de Clerc) *Chronicles*, 1280-1365
- .384 Poetic societies 1700-1800  
 Simon Stijl, *History*, 1731-1804; Jan Wagenaar, *History*, 1709-73
- .4 Platt Deutsch
- .5 Scandinavian
- .6 Old Norse Icelandic Faroese
- .7 Swedish literature
- .71 Swedish poetry
- .711 Middle ages 1200-1520  
 1 Nicolaus Hermanni 1391 2 Bishop Tomas 1443 3 Ericus Olai  
 1486 4 Ballads (Folkvisor)
- .712 Reformation 1520-1640  
 1 Olaus Petri 1496-1552 2 Laurentius Petri 1499-1573
- .713 Age of Stjernihjelm 1640-1740  
 1 Georg Stjernihjelm 1598-1672 2 Lars Johansson (Lucidor) 1640-74  
 3 Haquin Spegel 1645-1714 4 Israel Holmström 1660-1708 5 Gunno  
 Eurelius Dahlstjerna 1661-1709 6 Johan Runius 1679-1713 7 Jacob  
 Frese 1691-1729 8 Samuel von Triewald 1688-1743 9 Minor writers
- .714 Age of Dalin 1740-80  
 1 Olof Carelius 1758 2 Olof von Dalin 1705-63 3 Hedvig Charlotta  
 Nordenflycht 1718-63 4 Anders Odel 1718-73 5 Gustaf Filip  
 Creutz 1729-85 6 Gustaf Fredrik Gyllenberg 1731-1808 7 Olof  
 Bergklint 1733-1803 9 Minor writers
- .715 Age of Gustavus 1780-1800  
 1 Karl Mikael Bellman 1740-1795 2 Johan Henrik Kellgren 1751-95  
 3 Bengt Lidner 1757-93 4 Johan Gabriel Oxenstjerna 1750-1818  
 5 Tomas Thorild 1759-1808 6 Anna Maria Lenngren 1754-1817  
 7 Karl Gustaf af Leopold 1756-1829 8 Frans Mikael Frånén 1772-1847  
 9 Minor writers
- .716 Modern period 1800-  
 1 Per Henrik Ling 1776-1839 2 Johan Olof Wallin 1779-1839 3 Esaias  
 Tegnér 1782-1846 4 Erik Johan Stagnelius 1793-1823 5 Per Daniel  
 Amadeus Atterbom 1790-1855 6 Karl Jonas Ludwig Almqvist 1793-  
 1866 7 Johan Ludwig Runeberg 1804-77 8 Karl Vilhelm Böttiger  
 1807-79 9 Minor writers
- .72 Swedish drama
- .722 Reformation 1520-1640  
 1 Johan Messenius 1579-1637 2 Magnus Olai Asteropherus -1647  
 3 Andreas Johannis Prytz 1590-1655
- .723 Age of Stjernihjelm 1640-1740  
 Isak Börk -1701
- .725 Age of Gustavus 1780-1800  
 1 Karl Israel Hallman 1732-1800 2 Gustaf 3 (king) 1746-92  
 3 Olof Kexél 1748-96 4 Karl Ewallsson 1756-1806
- .725 Modern period 1800-  
 1 Johan Börjesson 1790-1866 2 Bernhard von Beakow 1796-1868  
 3 August Teodor Blanche 1811-68 4 Johan Kristofer Jolin 1818-84  
 5 Frans Hedberg 1828-1908 6 Per Johan Edvard Bäckström  
 1841-86
- .73 Swedish fiction
- .734 Age of Dalin 1740-1780  
 1 Jakob Henrik Mörk 1714-63 2 Jakob Vallenberg 1746-78
- 36 Modern period 1800-  
 1 Sofia Margareta von Knorring 1797-1848 2 Magnus Jakob Cru-  
 senstolpe 1795-1865 3 Fredrika Bremer 1801-65 4 Karl Anton Wet-  
 terbergh (Onkel Adam) 1804-89 5 Emilie Flygare Carlén 1807-92  
 6 Zakris Topelius 1818-98 7 Viktor Rydberg 1829-95 9 Minor  
 writers

LITERATURE

- 839.74 Swedish essays  
 .746 Modern period 1800-  
 1 Benjamin Karl Henrik Höljer 1767-1812 2 Lorenzo Hammarsköld  
 1785-1827 3 Bernhard Elias Malmström 1816-65 4 Karl Julius  
 Lénström 1811-93 5 Gustaf Håkan Jordan Ljunggren 1823-1905  
 6 Karl Rupert Nyblom 1832-1907
- .77 Swedish satire and humor  
 .776 Modern period 1800-  
 1 Johan Anders Wadman 1777-1837 2 Erik Sjöberg (Vitalis) 1794-  
 1828 3 Kristian Erik Fahlerantz 1790-1866 4 Vilhelm August  
 Detlof von Braun 1813-60 5 Gunnar Wennerberg 1817-1901
- .78 Swedish miscellany  
 The subdivisions of 8 show the leading writers in other branches of knowl-  
 edge. In classification, books are placed with their subjects, theology,  
 history, etc.
- .781 Middle ages 1200-1520  
 Canon Mattias, *Bible translation*, -1350; Peder Månsson, *Encyclopædia*,  
 -1534
- .782 Reformation 1520-1640  
 1 Peder Andersson Svart, *History*, -1562 2 Erik Göransson Tegel,  
*History*, 1580-1636 3 Ægidius Girs, *History*, 1580-1639 4 Gustavus  
 Adolphus (king), *History*, 1594-1632
- .783 Age of Stjärnhjelm 1640-1740  
 1 Olof Rudbeck, *Medicin*, 1630-1702 2 Urban Hjärne 1641-1724  
 3 Johan Peringkjöld, *History*, 1654-1720 4 Anders Rydélius, *Philosophy*  
 1671-1738 5 Anders Celsius, *Astronomy*, 1701-44 6 Emanuel  
 Swedenborg, *Theology*, 1688-1772
- .784 Age of Dalin 1740-1780  
 1 Karl Gustaf Tessin, *History*, 1695-1770 2 Karl von Linné, *Botany*  
 1707-78 3 Johan Ihre, *Philology*, 1707-80 4 Sven Lagerbring  
*History*, 1707-87 5 Anders Johan von Höpken, *History*, 1712-89,  
 6 Olof Celsius, *History*, 1716-94 7 Anders af Botin, *History*, 1724-  
 90 8 Torbern Olof Bergman, *Chemistry*, 1735-84 Karl Vilhelm  
 Scheele, *Chemistry*, 1742-86
- .786 Modern period 1800-  
 1 Erik Gustaf Geijer, *History*, 1783-1847 2 Anders Magnus Strinholm,  
*History*, 1786-1862 3 Anders Fryxell, *History*, 1795-1881 4 Frederik  
 Ferdinand Carlson, *History*, 1811-87
- .8 Danish and Norwegian literature
- .81 Danish and Norwegian poetry
- .811 Middle ages 1100-1500  
 1 Anders Sunesen 2 Ballads (Kjæmpeviser)
- .812 Reformation 1500-1560  
 Hans Tavsén 1494-1561
- .813 Learned period 1560-1700  
 1 Anders Arrebo 1587-1637 2 Anders Bording 1619-77 3 Peder  
 Syv 1631-1702 4 Thomas Kingo 1634-1703 5 Peder Dass 1647-  
 1708 6 Dorthe Engelbrektsdatter 1635-1716 7 Sören Terkelsen  
 1661 8 Jacob Vorm 1642-93
- .814 Age of Holberg 1700-1750  
 1 Jørgen Sorterup 1662-1723 2 Tøger Reenberg 1656-1742 3 Kristian  
 Falster 1690-1752 4 Hans Adolph Brorson 1694-1764 5 Ambroëtus  
 Stub 1705-58 6 Kristian Frederik Wadskjær 1712-79
- .815 Period of enlightenment 1750-1800  
 1 Kristian Braunmann Tullin 1728-65 2 Johannes Ewald 1743-81  
 3 Johan Herman Vessel 1742-85 4 Edvard Storm 1749-94  
 5 Kristen Henriksen Pram 1756-1821 6 Jens Baggesen 1764-  
 1826 7 Knud Lyne Rahbek 1760-1830 8 Malte Konrad Bruun 1775-  
 1826 9 Minor writers
- .816 Modern period 1800-  
 1 Adam Gottlob Oehlenschläger 1779-1850 2 Bernhard Severin Inge-  
 mann 1789-1862 3 Nicolai Frederik Severin Grundtvig 1783-1872  
 4 Johannes Carsten Hauch 1790-1871 5 Henrik Wergeland 1808-45  
 6 Ludvig Böldtcher 1793-1874 7 Frederik Paludan-Müller 1809-76  
 8 Carl Ploug 1813-94 9 Minor writers

DECIMAL CLASSIFICATION

- 839.82 Danish and Norwegian drama
- .823 Learned period 1560-1700  
 1 Hieronimus Justesen Rauch 1539-1607 2 Hans Kristensen Sthen  
 1544-1603 3 Peder Jensen Hegelund 1542-1614 4 Hans Thomsen  
 Stege -1628 5 Jens Lönberg 1663-1700
- .824 Age of Holberg 1700-1750  
 1 Ludvig Holberg 1684-1754
- .825 Period of enlightenment 1750-1800  
 1 Charlotte Dorothea Biehl 1731-88 2 Johan Nordal Bruun 1745-  
 1816 3 Ole Johan Samsøe 1759-96 4 Enevold Falsen 1755-1808  
 5 Thomas Thaarup 1749-1821 6 Kristian Levin Sander 1756-1819  
 7 Olaf Kristian Olufsen 1764-1827 8 Peter Andreas Heiberg 1758-  
 1841 9 Minor writers
- .826 Modern period 1800-  
 1 Casper Johannes Boye 1791-1853 2 Johan Ludvig Heiberg 1791-  
 1860 3 Henrik Hertz 1798-1870 4 Thomas Overakou 1798-1873  
 5 Christian Knud Frederik Molbech 1821-88 6 Henrik Ibsen 1828-  
 1906
- .83 Danish and Norwegian fiction
- .836 Modern period 1800-  
 1 Thomasine Christine Gyllembourg-Ehrensvärd 1773-1856 2 Steen  
 Steensen Blicher 1782-1848 3 Christian Winther 1796-1876 4 Hans  
 Christian Andersen 1805-75 5 Meyer Aaron Goldschmidt 1819-  
 87 6 Holger Drachmann 1846-1908 7 Bjørnstjerne Bjørnson  
 1832-1910
- .84 Danish and Norwegian essays
- .845 Period of enlightenment 1750-1800  
 Rasmus Nyerup 1759-1829
- .846 Modern period 1800-  
 1 Niels Mathias Petersen 1781-1862 2 Sören Aaby Kierkegaard 1813-  
 55 3 Rudolph Keyser 1803-64 4 Peter Andreas Muñch 1810-  
 63 5 Johan Sebastian Cammermeyer Welhaven 1807-73 6 Georg  
 Morris Cohen Brandes 1842-
- .87 Danish and Norwegian satire and humor
- .875 Period of enlightenment 1750-1800  
 1 Peder Magnus Trojel 1743-96 2 Peder Koføed Trojel 1754-84  
 3 Thomas Kristoffer Bruun 1750-1834
- .88 Danish and Norwegian miscellany  
 The subdivisions of 8 show the leading writers in other branches of knowledge.  
 In classification, books are placed with their subjects, theology, history, etc.
- .881 Middle ages 1100-1500  
 1 Saxo (Longus) Grammaticus, *History*, -1208 2 Svend Aageen, *History*
- .882 Reformation 1500-1560  
 1 Kristiern Pedersen (Father of Danish literature) 1480-1554 2 Povel  
 Eliesen, *Sermons*, 1480- 3 Hans Milkelsen, *Bible translation*, -1532  
 4 Peder Plade (Palladius) 1503-60 5 Henrik Smith, *Medicin*, -1563
- .883 Learned period 1560-1700  
 History: Hans Svanning 1508-1584 Anders Sørensen Vedel 1542-1616  
 Peder Klausen 1545-1614 Arild Hvitfeld 1549-1609 Klaus Lykander  
 1558-1623 Ole Worm 1588-1654 Peder Resen 1625-88  
 Theology: Niels Hemmingsen 1513-1600 Holger Rosenkrans 1574-  
 1642 Jesper Brochmand 1585-1652  
 Science: Tyge Brahe, *Astronomy*, 1546-1601 Kasper Bartholin,  
*Medicin*, 1585-1629 Thomas Bartholin, *Anatomy*, 1616-80 Ole  
 Borch, *Medicin*, 1626-90 Niels Stensen, *Anatomy*, 1638-86 Ole  
 Römer, *Astronomy*, 1644-1710
- .884 Age of Holberg 1700-1750  
 1 Erik Pontoppidan, *History*, 1698-1764 2 Jacob Langebek, *History*,  
 1710-75 3 Frederik Kristian Bilschov, , 1725-50  
 4 Gerhard Schöning, *History*, 1722-80 5 Peder Frederik Salm,  
*History*, 1728-98
- .9 Gothic

# 840 French literature

840.1 Philosophy .2 Compendis .3 Dictionaries .4 Essays, lectures, and addresses on French literature .5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History

## 841 French poetry

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
.06 Descriptiv .07 Satiric and humorous .08 Collections .09 History of French poetry

- .1 Early French 842-1400**
- .11 **Chanson de Roland** *Chanson de geste*
- .12 Wace, Robert
- .13 Marie de France
- .14 Chrestien de Troyes -1191
- .15 Quesnes de Bethune -1228
- .16 Thibaut 4, comte de Champagne 1201-53
- .17 Rutebeuf 1230-
- .18 **Roman de la rose**  
Guillaume de Loris, 1195-1260 Jean de Meung, 1280-1320
- .19 **Minor poets**
- .2 Transition period 1400-1500**
- .21 Chartier, Alain 1386-1458
- .22 Orléans, Charles duc d' 1391-1465
- .23 Coquillart, Guillaume 1421-1510
- .24 Baude, Henri 1430-95
- .25 Villon, François 1431-85
- .26
- .27
- .28
- .29 **Minor poets**
- .3 Renaissance 1500-1600**
- .31 Daurat, Jean 1510-88
- .32 Du Bellay, Joachim 1524-60
- .33 Belleau, Remy 1528-77
- .34 Ronsard, Pierre de 1524-85
- .35 Thiard, Pontus de 1521-1605
- .36 Baif, Jean Antonie de 1532-89
- .37 Saluste du Bartas, Guillaume de 1544-90
- .38 Desportes, Philippe 1546-1606
- .39 **Minor poets**
- .4 Classic period 1600-1715**
- .41 Malherbe, François de 1555-1628
- .42 Maynard, François 1582-1646
- .43 Racan, Honorat de Bueil, marquis de 1589-1670
- .44 Chapelain, Jean 1595-1674
- .45 **La Fontaine, Jean de** 1621-95
- .46 Deshoulières, Antoinette (du Ligier de la Garde),  
Madame 1637-94
- .47 Chaulieu, Guillaume Amfrye de 1639-1720
- .48
- .49 **Minor poets**

DECIMAL CLASSIFICATION

- 841.5 18th century 1715-89**
- .51 Rousseau, Jean Baptiste 1670-1741
  - .52 Racine, Louis 1692-1763
  - .53 Pompidan, Jean Jacques de Franc, marquis de 1709-84
  - .54 Delille, Jacques 1738-1813
  - .55 Roucher, Jean Antoine 1745-94
  - .56 Chénier, André Marie de 1762-94
  - .57 Parny, Evariste Désiré Desforges, vicomte de 1753-1814
  - .58
  - .59 Minor poets
  - .6 Revolution and empire 1789-1815**
  - .61 Lebrun, Ponce Denis Écouchard 1729-1807
  - .62 Fontanes, Louis, marquis de 1757-1821
  - .63 Parseval Grandmaison, François Auguste 1759-1834
  - .64 Luce de Lancival, Jean Charles Julien 1764-1810
  - .65 Désaugiers, Marc Antoine Madeleine 1772-1827
  - .66 Campenon, François Nicolas Vincent 1772-1843
  - .67 Millevoye, Charles Hubert 1782-1816
  - .68
  - .69 Minor poets
  - .7 Constitutional monarchy 1815-48**
  - .71 Béranger, Pierre Jean de 1780-1857
  - .72 Delavigne, Jean François Casimir 1793-1843 See 842.72
  - .73 Deschamps, Émile 1791-1871
  - .74 Lamartine, Alphonse Marie Louis de Prat de 1792-1869
  - .75 Reboul, Jean 1796-1864
  - .76 Vigny, Alfred Victor, comte de 1799-1863 See 842.75
  - .77 Musset, Louis Charles Alfred de 1810-57 See 842.76
  - .78 **Hugo, Victor Marie, comte** 1802-85  
See also 842.78 and 843.78
  - .79 Minor poets
  - .8 Later 19th century 1848-1900**
  - .81 Laprade, Pierre Marin Victor Richard de 1812-83
  - .82 Dupont, Pierre 1821-70
  - .83 Banville, Théodore Faullain de 1820-91
  - .84 Sully-Prudhomme, René François Armand 1839-1907
  - .85 Coppée, Francis Édouard Joachim 1842-1908 See 842.85
  - .86 Deroulède, Paul 1846-1914
  - .87
  - .88
  - .89 Minor poets
  - .91 Early 20th century 1901-**
- 842 French drama**
- .1 Early French 842-1400**
  - .11 Mysteries and miracles
  - .12 Adam de la Halle 1240-86
  - .13 Bodel, Jean
  - .14
  - .15
  - .16
  - .17
  - .18
  - .19 Minor dramatists



## LITERATURE

- 842.2 Transition period 1400-1500**
- .21 Gresban, Arnould
- .22 Michel, Jean -1493
- .23 Gringoire, Pierre 1480-1544
- .24
- .25
- .26
- .27
- .28
- .29 Minor dramatists
- .3 Renaissance 1500-1600**
- .31 Le Coq, Thomas
- .32 Baif, Lazare de
- .33 La Peruse, Jean Bastier de 1530-55
- .34 Jodelle, Étienne 1532-73
- .35 Grévin, Jacques 1538-70
- .36 La Taille, Jean de 1540-1608
- .37 Garnier, Robert 1545-1601
- .38 Larivey, Pierre de 1550-1612
- .39 Minor dramatists
- .4 Classic period 1600-1715**
- .41 Corneille, Pierre 1606-84
- .42 Molière, Jean Baptiste Poquelin, *called* 1622-73
- .43 Corneille, Thomas 1625-1709
- .44 Boursault, Edme 1638-1701
- .45 Racine, Jean 1639-99
- .46 Brueys, David Augustin de 1640-1723
- .47 Dufresny, Charles Rivière 1648-1724
- .48 Baron, Michel Boyron, *called* 1653-1729
- .49 Minor dramatists
- .5 18th century 1715-89**
- .51 La Motte, Antoine Houdart de 1672-1731
- .52 Crébillon, Prosper Jolyot de 1674-1762
- .53 Destouches, Philippe Nericault 1680-1754
- .54 Marivaux, Pierre Carlet de Chamblain de 1688-1763 See 843.52
- .55 Piron, Alexis 1689-1773
- .56 Voltaire, François Marie Arouet de 1694-1778. See 843.54
- .57 Sédaine, Michel Jean 1719-97
- .58 Beaumarchais, Pierre Augustin Caron de 1732-99
- .59 Minor dramatists
- .6 Revolution and empire 1789-1815**
- .61 Ducis, Jean François 1733-1816
- .62 Collin-Harleville, Jean François 1735-1806
- .63 La Harpe, Jean François de 1739-1803 See 844.61
- .64 Fabre d'Églantine, Philippe François Nazaire 1755-94
- .65 Andrieux, François Guillaume Jean Stanislas 1759-1833
- .66 Chenier, Marie Joseph 1764-1811
- .67 Picard, Louis Benoît 1769-1828
- .68 Lemercier, Louis Jean Népomucène 1771-1840
- .69 Minor dramatists

DECIMAL CLASSIFICATION

- 8.2.7 Constitutional monarchy 1815-48**
- .71 Soumet, Alexandre 1788-1845
  - .72 Delavigne, Jean François Casimir 1793-1843 See 841.72
  - .73 Scribe, Augustin Eugène 1791-1861
  - .74 Ancelot, Jacques Arsène François Polycarpe 1794-1864
  - .75 Vigny, Alfred Victor, comte de 1799-1863 See 841.76
  - .76 Musset, Louis Charles Alfred de 1810-57 See 841.77
  - .77 Dumas, Alexandre, the elder 1806-70 See 843.76
  - .78 Hugo, Victor Marie, comte 1802-85  
See also 841.78 and 843.78
  - .79 Minor dramatists
- .8 Later 19th century 1848-1900**
- .81 Labiche, Eugène Marin 1815-88
  - .82 Ponsard, François 1824-67
  - .83 Augier, Guillaume Victor Émile 1822-89
  - .84 Dumas, Alexandre, fils 1824-95
  - .85 Bornier, Henri de 1825-1901
  - .86 Sardou, Victorien 1831-1908
  - .87 Pailleron, Édouard 1834-99
  - .88 Coppée, Francis Édouard Joachim 1842-1908 See 841.85
  - .89 Minor dramatists
- .91 Early 20th century 1901-**
- 843 French fiction**
- .2 Transition period 1400-1500**
- .21 Christine de Pisan 1363-1431
  - .22 Jean de Tuim
  - .23 La Sale, Antoine de 1398-1462
  - .24 Chastelain, Georges 1403-75
  - .25
  - .26
  - .27
  - .28
  - .29 Minor writers
- .3 Renaissance 1500-1600**
- .31 Marguerite de Navarre 1492-1549
  - .32 Desperriers, Bonaventure 1500-44
  - .33 Herberay, Nicolas d' -1552
  - .34 Du Fail, Noël -1585
  - .35 Bouchet, Guillaume 1526-1606
  - .36 Beroalde de Verville, François 1558-1612
  - .37
  - .38
  - .39 Minor writers
- .4 Classic period 1600-1715**
- .41 Urfé, Honoré d' 1568-1625
  - .42 Gomberville, Marin Le Roy de 1600-47
  - .43 La Calprenède, Gauthier de Costes de 1602-63
  - .44 Scudéry, Georges de 1601-67
  - .45 Scudéry, Madeleine de 1607-1701
  - .46 Cyrano de Bergerac, Savinien 1620-55
  - .47 Perrault, Charles 1628-1703
  - .48 Lafayette, Marie Madeleine Pioche de la Vergne, comtesse de 1634-93
  - .49 Minor writers

LITERATURE

- 843.5 18th century 1715-89**
- .51 Le Sage, Alain René 1668-1747
  - .52 Marivaux, Pierre Carlet de Chamblain de 1688-1763 See 842.54
  - .53 Prévost d'Exiles, Antoine François 1697-1763
  - .54 Voltaire, François Marie Arouet de 1694-1778 See 842.56
  - .55 Crébillon, Claude Prosper Jolyot de, fils 1707-77
  - .56 Rousseau, Jean Jacques 1712-78
  - .57 Restif de la Bretonne, Nicolas Edme 1734-1806
  - .58 Florian, Jean Pierre Claris de 1755-94
  - .59 Minor writers
  - .6 **Revolution and empire 1789-1815**
  - .61 St Pierre, Jacques Henri Bernardin de 1737-1814
  - .62 Staël Holstein, Anne Louise Germaine (Necker),  
baronne de 1766-1817
  - .63 Constant de Rebecque, Henri Benjamin 1767-1830
  - .64 Maistre, Xavier de 1763-1852
  - .65 Chateaubriand, François Auguste René, vicomte de 1768-1848
  - .66
  - .67
  - .68
  - .69 Minor writers
  - .7 **Constitutional monarchy 1815-48**
  - .71 Beyle, Marie Henri [de Stendhal] 1783-1842
  - .72 Nodier, Charles 1790-1844
  - .73 Balzac, Honoré de 1799-1850
  - .74 Sue, Marie Joseph, called Eugène 1804-57
  - .75 Souvestre, Émile 1806-54
  - .76 Dumas, Alexandre, the elder 1806-70 See 842.77
  - .77 Gautier, Théophile 1811-72
  - .78 Hugo, Victor Marie, comte 1802-85  
See also 841.78 and 842.78
  - .79 Minor writers
  - .8 **Later 19th century 1848-1900**
  - .81 Mérimée, Prosper 1803-70
  - .82 Dudevant, Amantine Lucile Aurore Dupin  
[George Sand] 1804-76
  - .83 Feuillet, Octave 1822-90
  - .84 Flaubert, Gustave 1821-81
  - .85 Erckmann-Chatrion { Erckmann, Émile 1822-99  
Chatrion, Alexandre 1826-90
  - .86 About, Edmond François Valentin 1828-85
  - .87 Cherbuliez, Victor 1829-99
  - .88 Daudet, Alphonse 1840-97
  - .89 Minor writers
  - .91 **Early 20th century 1901-**
- 844 French essays**
- .3 **Renaissance 1500-1600**
  - .31 Montaigne, Michel Eyquem de 1533-92
  - .4 **Classic period 1600-1715**
  - .41 Du Vair, Guillaume 1556-1621
  - .42 Saint-Évremond, Charles de Marguetel de Saint-  
Denis de 1613-1703

DECIMAL CLASSIFICATION

<b>844.5</b>	<b>18th century 1715-89</b>	
.51	Fontenelle, Bernard le Bovier de	1657-1757
.52	Montesquieu, Charles le Secondat, baron de	1689-1755
.53	Alembert, Jean le Rond d'	1717-83
<b>.6</b>	<b>Revolution and empire 1789-1815</b>	
.61	La Harpe, Jean François de	1739-1803 See 842.63
.62	Joubert, Joseph	1754-1824
.63	Courier de Méré, Paul Louis	1772-1825
.64	Senancour, Étienne Pivert de	1770-1846
<b>.7</b>	<b>Constitutional monarchy 1815-48</b>	
.71	La Mennais, Hugues Félicité Robert de	1782-1854
.72	Villemain, Abel François	1790-1870
.73	Planche, Jean Baptiste Gustave	1808-57
.74	Sainte Beuve, Charles Augustin	1804-69
.75	Saint-Marc Girardin	1801-73
.76	Janin, Jules Gabriel	1804-74
.77	Nisard, Jean Marie Napoléon Désiré	1806-88
<b>.8</b>	<b>Later 19th century 1848-1900</b>	
.81	Quinet, Edgar	1803-75
.82	Renan, Ernest	1823-92
.83	Taine, Hippolyte Adolphe	1828-93
<b>.91</b>	<b>Early 20th century 1901-</b>	
<b>845</b>	<b>French oratory</b>	Subdivided by periods like 841
<b>846</b>	<b>French letters</b>	Subdivided by periods like 841
<b>847</b>	<b>French satire and humor</b>	
<b>.1</b>	<b>Early French 842-1400</b>	
.11	Guyot de Provins	
.12	<i>Roman du Renard</i>	See 837.31 and 839.371
.13	Deschamps, Eustache	1320-1400
<b>.3</b>	<b>Renaissance 1500-1600</b>	
.31	Marot, Clément	1495-1544
.32	Rabelais, François	1495-1553
.33	<i>La Satyre Ménippée</i>	1594
.34	Aubigné, Théodore Agrippa d'	1550-1630
.35	Regnier, Mathurin	1573-1613
<b>.4</b>	<b>Classic period 1600-1715</b>	
.41	Viau, Théophile de	1590-1626
.42	Saint Amant, Marc Antoine Gérard	1594-1661
.43	Scarron, Paul	1610-60
.44	Benserade, Isaac de	1612-91
.45	Furetière, Antoine	1620-88
.46	Boileau Despréaux, Nicolas	1636-1711
.47	Regnard, Jean François	1655-1709
<b>.5</b>	<b>18th century 1715-89</b>	
.51	Gresset, Jean Baptiste Louis	1709-77
.52	Gilbert, Nicolas Joseph Laurent	1751-80
<b>.7</b>	<b>Constitutional monarchy 1815-48</b>	
.71	Barthélemy, August Marseille	1796-1867
.72	Barbier, Henri Auguste	1805-82
<b>848</b>	<b>French miscellany</b>	Subdivided by periods like 841

## 849 Provençal literature

- .10 Provençal poetry
- .11 1st period 900-1100  
Poetry in hands of clergy. No folk poetry preservd. Form mainly epic. Language not yet fixt. Country under rule of counts, nominally subject to emperor, really independent till 1486, then reunited to France
- .111 Epic poetry  
Boethius
- .112 Lyric poetry
- .119 Minor poetry Didactic
- .12 Golden age 1100-1300  
Poets mainly knights, but after 1250 almost exclusively burghers. Lyric most important
- .121 Romances of chivalry  
Girart de Rossilho
- .122 Historical poetry  
Croisade contre les Albigeois
- .123 Romans d'aventures  
Flamenca
- .124 Lyric poetry
- .125 Bernart de Ventadorn, flourisht about 1140-95
- .126 Born, Bertran de " " 1180-95
- .127 Arnaut, Daniel " " 1180-1200
- .128 Borneill, Guiraut de " " 1175-1220
- .129 Minor poetry  
Nearly 500 poets named beside anonymous poems. Form prevails over content; great variety of poetic forms. These lyric poets are the real Troubadours
- .13 Aftermath 1300-1500  
Downfall of language and literature owing to lack of content and to political and social causes, specially the crusade against the Albigenes
- .131 Poets of school of Toulouse  
Arnaut Vidal, first recipient of the Golden Violet, 1324. Poetry artificial, a craft. Las Leys d'Amors is the code of poetic laws, by Guillem Molinier, chancellor of 'Consistory de la gaya sciensa' establisht at Toulouse 1324. First prize a golden violet. When in danger of perishing, consistory revived in 1484 and poetic exercises styled 'Jeux floraux'
- .132 La Noble Leyczon  
Religious poetry of Waldenses
- .139 Minor poetry
- .14 Decadence 1500-  
Provençal sinks to position of a dialect despite fitful attempts to revive it, the most recent, that connected with publication of Li Provençalo 1852
- .141 Goudouli, Pierre de 1579-1649
- .142 Despourrins, Cyprien 1608-1755
- .143 Jasmin, Jacques 1798-1864
- .144 Roumanille, Joseph 1818-91
- .145 Aubanel, Jos. Marie J. Baptiste Théodore 1829-86
- .146 Mistral, Frédéric 1830-1914
- .140 Minor poetry

DECIMAL CLASSIFICATION

849.9

Catalan literature

- .91 Catalan poetry
- .911 1st period 1200-1350
  - Catalonia before 1137 ruled by French counts, then united to Aragon. Language is closely allied to Provençal, in which first poets wrote. Mas scatterd; few as yet printed. Literature begins with James I (1213-76) who made Catalan the state language
  - For Ramon Muntaner see 849.9813
  - 1 Raimon Lull 1225-1315    2 Feblor 1250    9 Minor poets
- .912 2d period 1350-1450
  - Imitation of Neo Provençal, French and Italian, specially of Dante, Petrarch and Boccaccio. Some flashes of originality. Fra Rocaberti. Imitation of Dante
- .913 Age of perfection 1450-
  - From 16th century, Catalan literature merged in Spanish, tho some writers still employ idiom, e. g. 'Balaguer'
  - 1 March, Ausias -1460, greatest of Catalan poets    2 Fenolla, Bernard
  - 3 Jacme Roig (satiric)    4 Farrer    5 Serafi    6 Pujol    7 Garcia
  - 9 Minor poets
- .93 Catalan fiction
- .933 Age of perfection 1450-
  - Joanet Martorel -1400. *Tirant lo Blanch*, a chivalric romance
- .98 Miscellany
- .981 1st period 1200-1350
  - Prose superior to poetry. Chronicles of great importance, culminating in Muntaner
  - 1 James I (The Conqueror) 1213-76    2 Desclot, Bernardo    3 Muntaner, Ramon 1265-1340    4 Ximenes    9 Minor authors
- .982 2d period 1350-1450
  - Prose resists foren influences better than poetry. Many philosophic and theologic writings beside historical works
  - 1 Tomich    2 Turell    9 Minor writers

## 850 Italian literature

850.1 Philosophy .2 Compendis .3 Dictionaries .4 Essays, lectures and addresses on Italian literature .5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History

## 851 Italian poetry

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
.06 Descriptiv .07 Satiric and humorous .08 Collections .09 History  
of Italian poetry

- .1 Early Italian Age of Dante -1375**  
To deth of Boccaccio, 1375
- .11 Protonotario, Stefano -1250  
.12 Arezzo, Guittone d' -1294  
.13 Guiccelli, Guido -1276  
.14 Cavalcanti, Guido 1260-1300  
.15 Alighieri, Dante 1265-1321  
.16 Pistoia, Cino da 1270-1336  
.17 Uberti, Fazio degli -1369  
.18 Petrarca, Francesco 1304-74  
.19 Minor poets
- .2 Period of classic learning 1375-1492**  
From deth of Boccaccio, 1375, to deth of Lorenzo il Magnifico, 1492
- .21 Prezzi, Federigo -1416  
.22 Bojardo, Matteo 1430-94  
.23 Medici, Lorenzo dei (Il Magnifico) 1448-92  
.24 Poliziano, Angelo 1454-94  
.25 Benivieni, Girolamo 1453-1542 See 852.22  
.26 Sannazzaro, Jacopo 1458-1530  
.29 Minor poets
- .3 Age of Leo the Tenth 1492-1542**  
From deth of Lorenzo il Magnifico, 1492, to convocation of council of Trent, 1542
- .31 Bembo, Pietro 1470-1547  
.32 Ariosto, Lodovico 1474-1533  
.33 Rucellai, Giovanni 1475-1526  
.34 Molza, Francesco 1483-1544 See 853.33  
.35 Tasso, Bernardo 1493-1569  
.36 Alamanni, Luigi 1495-1556  
.37 Guidiccioni, Giovanni 1500-41  
.38 Casa, Giovanni della 1503-56  
.39 Minor poets
- .4 Later 16th century 1542-85**  
From convocation of council of Trent, 1542, to pontificate of Sixtus 5, 1585
- .41 Costanzo, Angelo di 1507-91  
.42 Rota, Bernardino 1509-75  
.43 Tansillo, Luigi 1510-68  
.44 Magno, Celio 1536-1602  
.45 Guarini, Giovambattista 1537-1612  
.46 Tasso, Torquato 1544-95  
.47 Baldi, Bernardino 1553-1617  
.49 Minor poets

DECIMAL CLASSIFICATION

<b>851.5</b>	<b>Period of decline</b>	<b>1585-1748</b>	
	From pontificate of Sixtus 5, 1585-90, to peace of Aix-la-Chapelle, 1748		
.51	Chiabrera, Gabriello		1552-1637
.52	Marini, Giovambattista		1569-1625
.53	Testi, Fulvio		1593-1646
.54	Filicaja, Vincenzo		1642-1707
.55	Guidi, Alessandro		1650-1712
.56	Manfredi, Eustachio		1674-1738
.57	Frugoni, Carlo Innocenzo		1692-1768
.58	Algarotti, Francesco		1712-64
.59	Minor poets		
<b>.6</b>	<b>Period of renovation</b>	<b>1748-1814</b>	
	From peace of Aix-la-Chapelle, 1748, to congress of Vienna, 1814		
.61	Paradisi, Agostino		1736-83
.62	Mascheroni, Lorenzo		1750-1800
.63	Pindemonte, Ippolito		1753-1828
.64	Monti, Vincenzo		1754-1828
.65	Cassi, Francesco		1778-1846
.66	} Foscolo, Ugo		1779-1827
.67	Arici, Cesare		1782-1836
.68	Sestini, Bartolommeo		1792-1822
.69	Minor poets		
<b>.7</b>	<b>Early 19th century</b>	<b>1814-59</b>	
	From congress of Vienna, 1814, to war of Independence, 1859		
.71	Berchet, Giovanni		1783-1851
.72	Rossetti, Gabriello		1783-1854
.73	Manzoni, Alessandro		1785-1873 See 853.72
.74	Marchetti, Giovanni		1790-1852
.75	Leopardi, Giacomo		1798-1837
.76	Carrer, Luigi		1801-50
.77	Regaldi, Giuseppe		1800-83
.78	Prati, Giovanni		1815-84
.79	Minor poets		
<b>.8</b>	<b>Later 19th century</b>	<b>1859-1900</b>	
	From war of Independence, 1859, to 1900		
.81	Aleardi, Aleardo		1810-78
.82	Zanella, Giacomo		1820-88
.83	Gnoli, Domenico		1838-
.84	Carducci, Giosuè		1835-1907
.85	Fogazzaro, Antonio		1842-1911
.86	Rapisardi, Mario		1844-
.87	Guerrini, Olindo		1845-
.88	Minor poets		
.89	Minor poets		
<b>.91</b>	<b>Early 20th century</b>	<b>1901-</b>	

**852 Italian drama**

<b>.1</b>	<b>Early Italian</b>	<b>Age of Dante</b>	<b>-1375</b>
<b>.2</b>	<b>Period of classic learning</b>	<b>1375-1492</b>	
.21	Belcari, Feo		1410-84
.22	Poliziano, Angelo		1454-94 See 851.24
.29	Minor dramatists		



## LITERATURE

- 852.3 Age of Leo the Tenth 1492-1542**
- .31 Machiavelli, Niccolò 1469-1527 See also 854.31
- .32 Dovizi, Bernardo (Cardinal Bibbiena) 1470-1520
- .33 Trissino, Gian Giorgio 1478-1550
- .34 Aretino, Pietro 1492-1556
- .35 Ambra, Francesco d' -1558
- .39 Minor dramatists
- .4 Later 16th century 1542-85**
- .41 Speroni, Sperone 1500-88
- .42 Giralaldi, G. B. Cinzio 1504-73 See also 853.44
- .43 Cecchi, Giovanni Maria 1517-87
- .44 Asinari, Federigo 1527-76
- .45 Porta, Giovambattista della 1538-1615
- .49 Minor dramatists
- .5 Period of decline 1585-1748**
- .51 Buonarroti, Michelangiolo jr 1564-1646
- .52 Rinuccini, Ottavio 1565-1622
- .53 Andreini, Giovambattista 1578-1650
- .54 Gigli, Girolamo 1660-1722
- .55 Zeno, Apostolo 1669-1750
- .56 Maffei, Scipione 1675-1755
- .57 Trapassi, Pietro (Metastasio) 1698-1782
- .59 Minor dramatists
- .6 Period of renovation 1748-1814**  
For Manzoni, see 851.73 and 853.72
- .61 Goldoni, Carlo 1707-73
- .62 Gozzi, Carlo 1722-1806
- .63 Capacelli Albergati, Francesco 1728-1804
- .64 Alfieri, Vittorio 1749-1803
- .65 Nota, Alberto 1775-1847
- .66 Biondi, Luigi 1776-1839
- .67 Benedetti, Francesco 1785-1821
- .69 Minor dramatists
- .7 Early 19th century 1814-59**
- .71 Niccolini, Giovambattista 1782-1861
- .72 Pellico, Silvio 1788-1854
- .73 Giacometti, Paolo 1816-81
- .74 Gherardi del Testa, Tommaso 1818-82
- .75 Ferrari, Paolo 1822-89
- .79 Minor dramatists
- .8 Later 19th century 1859-1900**
- .81 Bersezio, Vittorio 1830-1900
- .82 Cossa, Pietro 1833-82
- .83 Carrera, Valentino 1834-95
- .84 Marengo, Leopoldo 1831-99
- .85 Cavallotti, Felice 1842-98
- .86 Torelli, Achille 1844-
- .87
- .88
- .89 Minor dramatists
- .91 Early 20th century 1901-**

## 853 Italian fiction

.1	<b>Early Italian</b>	<b>Age of Dante</b>	<b>-1375</b>	
.11		" Cento Novelle Antiche " (Gualteruzzi's collection)		
.12		Barberino, Francesco da	1264-1348	
.13		Pisa, Guido da	-1350	
.14		Gubbio, Bosone da		
.15		<b>Boccaccio, Giovanni</b>	<b>1313-75</b>	
.19		Minor writers		
.2	<b>Period of classic learning</b>		<b>1375-1492</b>	
.21		Sacchetti, Franco	-1400	
.22		Fiorentino, Ser Giovanni		
.23		Manetti, Antonio	1423-97	
.24		Mangabotti, Andrea dei		
.25		Prato, Giovanni da		
.29		Minor writers		
.3	<b>Age of Leo the Tenth</b>		<b>1492-1542</b>	
.31		Salernitano, Masuccio		
.32		Bandello, Matteo	1480-1561	
.33		Molza, Francesco	1483-1544	See also 851.34
.34		Firenzuola, Agnolo	1493-1548	
.39		Minor writers		
.4	<b>Later 16th century</b>		<b>1542-85</b>	
.41		Grazzini, Antonfrancesco (Lasca)	1503-83	
.42		Doni, Antonfrancesco	1513-74	
.43		Erizzo, Sebastiano	1525-85	
.44		Giraldi, G. B. Cinzio	1504-73	See also 852.42
.45		Parabosco, Girolamo	-1560	
.49		Minor writers		
.5	<b>Period of decline</b>		<b>1585-1748</b>	
.6	<b>Period of renovation</b>		<b>1748-1814</b>	
.7	<b>Early 19th century</b>		<b>1814-59</b>	
.71		Rosini, Giovanni	1776-1855	
.72		<b>Manzoni, Alessandro</b>	<b>1785-1873</b>	See also 851.73
.73		Grossi, Tommaso	1791-1853	
.74		Guerrazzi, Francesco Domenico	1804-73	
.75		Bresciani, Antonio	1798-1862	
.76		Cantù, Cesare	1807-95	
.77		Carcano, Giulio	1812-83	
.78		Azeglio, Massimo d'	1800-66	
.79		Minor writers		
.8	<b>Later 19th century</b>		<b>1859-1900</b>	
.81		Castellazzo, Luigi	1827-90	
.82		Barrili, Anton Giulio	1836-1908	
.83		Capuana, Luigi	1839-1917	
.84		Verga, Giovanni	1840-	
.85		Faldella, Giovanni	1846-	
.86		Farina, Salvatore	1846-	
.87		Giovagnoli, Raffaele	1838-	
.88		Serao, Matilde	1856-	
.89		Minor writers		
.91	<b>Early 20th century</b>		<b>1901-</b>	

## 854 Italian essays

- |     |                                   |                             |                  |                 |
|-----|-----------------------------------|-----------------------------|------------------|-----------------|
| .1  | <b>Early Italian</b>              | <b>Age of Dante</b>         | <b>-1375</b>     |                 |
| .11 |                                   | Cavalca, Fra Domenico       | -1342            |                 |
| .12 |                                   | Passavanti, Fra Jacopo      | -1357            |                 |
| .2  | <b>Period of classic learning</b> |                             | <b>1375-1492</b> |                 |
| .21 |                                   | Alberti, Leone Battista     | 1404-72          |                 |
| .22 |                                   | Palmieri, Matteo            | 1405-75          |                 |
| .23 |                                   | Bisticci, Vespasiano da     | 1421-98          |                 |
| .24 |                                   | Collenuccio, Pandolfo       | -1504            |                 |
| .25 |                                   | Vinci, Leonardo da          | 1452-1519        |                 |
| .29 |                                   | Minor essayists             |                  |                 |
| .3  | <b>Age of Leo the Tenth</b>       |                             | <b>1492-1542</b> |                 |
| .31 |                                   | Machiavelli, Niccolò        | 1469-1527        | See also 852.31 |
| .32 |                                   | Nardi, Jacopo               | 1476-1555        |                 |
| .33 |                                   | Castighione, Baldassare     | 1478-1529        |                 |
| .34 |                                   | Guicciardini, Francesco     | 1482-1540        |                 |
| .35 |                                   | Giannotti, Donato           | 1494-1573        |                 |
| .36 |                                   | Giambullari, Pier Francesco | 1495-1555        |                 |
| .37 |                                   | Gelli, Giovambattista       | 1498-1563        |                 |
| .38 |                                   | Varchi, Benedetto           | 1503-66          |                 |
| .39 |                                   | Minor essayists             |                  |                 |
| .4  | <b>Later 16th century</b>         |                             | <b>1542-85</b>   |                 |
| .41 |                                   | Castelvetro, Ludovico       | 1505-71          |                 |
| .42 |                                   | Piccolomini, Alessandro     | 1508-78          |                 |
| .43 |                                   | Borghini, Vincenzo          | 1515-80          |                 |
| .44 |                                   | Davanzati, Bernardo         | 1529-1606        |                 |
| .45 |                                   | Salviati, Leonardo          | 1540-89          |                 |
| .46 |                                   | Ammirato, Scipione          | 1531-1601        |                 |
| .47 |                                   | Paruta, Paolo               | 1540-98          |                 |
| .48 |                                   | Botero, Giovanni            | 1540-1617        |                 |
| .49 |                                   | Minor essayists             |                  |                 |
| .5  | <b>Period of decline</b>          |                             | <b>1585-1748</b> |                 |
| .51 |                                   | Sarpi, Paolo                | 1550-1623        |                 |
| .52 |                                   | Galilei, Galileo            | 1564-1642        |                 |
| .53 |                                   | Bartoli, Daniele            | 1608-85          |                 |
| .54 |                                   | Dati, Carlo                 | 1619-75          |                 |
| .55 |                                   | Gravina, Giovanni Vincenzo  | 1664-1718        |                 |
| .56 |                                   | Muratori, Ludovico Antonio  | 1672-1750        |                 |
| .57 |                                   | Giannone, Pietro            | 1676-1748        |                 |
| .58 |                                   | Zanotti, Francesco Maria    | 1692-1777        |                 |
| .59 |                                   | Minor essayists             |                  |                 |
| .6  | <b>Period of renovation</b>       |                             | <b>1748-1814</b> |                 |
| .61 |                                   | Bettinelli, Saverio         | 1718-1808        |                 |
| .62 |                                   | Denina, Carlo               | 1730-1813        |                 |
| .63 |                                   | Tiraboschi, Girolamo        | 1731-94          |                 |
| .64 |                                   | Lanzi, Luigi                | 1732-1810        |                 |
| .65 |                                   | Beccaria, Cesare            | 1735-93          |                 |
| .66 |                                   | Filangeri, Gaetano          | 1752-88          |                 |
| .67 |                                   | Cesari, Antonio             | 1760-1828        |                 |
| .68 |                                   | Perticari, Giulio           | 1779-1822        |                 |
| .69 |                                   | Minor essayists             |                  |                 |

DECIMAL CLASSIFICATION

<b>854.7</b>	<b>Early 19th century</b>	<b>1814-59</b>	
.71	Costa, Paolo	1771-1836	
.72	Giordani, Pietro	1774-1848	
.73	Troya, Carlo	1785-1859	
.74	Balbo, Cesare	1789-1853	
.75	Capponi, Gino	1792-1878	
.76	Mamiani della Rovere, Terenzio	1800-85	
.77	Gioberti, Vincenzo	1801-53	
.78	Tommaséo, Niccolò	1802-74	
.79	Minor essayists		
<b>.8</b>	<b>Later 19th century</b>	<b>1859-1900</b>	
.81	Sanctis, Francesco de	1818-83	
.82	Bonghi, Ruggiero	1827-95	
.83	Conti, Augusto	1822-1905	
.84	Villari, Pasquale	1827-1917	
.85	Ardigò, Roberto	1828-	
.86	Comparetti, Domenico	1835-	
.87	Zumbini, Bonaventura	1840-	
.88	Panzacchi, Enrico	1841-1904	
.89	Minor essayists		
<b>.91</b>	<b>Early 20th century</b>	<b>1901-</b>	
<b>855</b>	<b>Italian oratory</b>		
<b>856</b>	<b>Italian letters</b>		
<b>857</b>	<b>Italian satire and humor</b>		
<b>.1</b>	<b>Early Italian</b>	<b>Age of Dante</b>	<b>-1375</b>
.11	Gemignano, Folgore da San		
.12	Chitarra, Cene dalla		
.13	Angiulieri, Cecco		
.14	Pucci, Antonio		-1377
.19	Minor writers		
<b>.2</b>	<b>Period of classic learning</b>	<b>1375-1492</b>	
.21	Burchiello, Domenico	1395-1448	
.22	Pulci, Luigi	1432-84	
.23	Vinciguerra, Antonio		
.29	Minor writers		
<b>.3</b>	<b>Age of Leo the Tenth</b>	<b>1492-1542</b>	
.31	Folengo, Teofilo (Merlin Cocai)	1491-1544	
.32	Berni, Francesco	1496-1535	
.39	Minor writers		
<b>.4</b>	<b>Later 16th century</b>	<b>1542-85</b>	
.41	Nelli, Pietro		
.42	Beccuti, Francesco	1509-53	
.43	Caporali, Cesare	1531-1601	
.49	Minor writers		

LITERATURE

<b>857.5</b>	<b>Period of decline</b>	<b>1585-1748</b>	
.51	Tassoni, Alessandro		1565-1635
.52	Bracciolini, Francesco		1566-1645
.53	Lalli, Giovambattista		1572-1637
.54	Lippi, Lorenzo		1606-64
.55	Rosa, Salvatore		1615-73
.56	Menzini, Benedetto		1646-1704
.57	Sergardi, Ludovico		1660-1726
.58	Fortiguerra, Niccolò		1674-1735
.59	Minor writers		
.6	<b>Period of renovation</b>	<b>1748-1814</b>	
.61	Gozzi, Gasparo		1713-86
.62	Passeroni, Gian Carlo		1713-1803
.63	Casti, Giovambattista		1721-1803
.64	Parini, Giuseppe		1739-99
.65	Baretti, Giuseppe		1716-89
.66	Elci, Angelo Maria d'		1754-1824
.67	Pananti, Filippo		1766-1837
.69	Minor writers		
.7	<b>Early 19th century</b>	<b>1814-59</b>	
.71	Giusti, Giuseppe		1809-50
.8	<b>Later 19th century</b>	<b>1859-1900</b>	
.91	<b>Early 20th century</b>	<b>1901-</b>	

**858 Italian miscellany**

.8	<b>Later 19th century</b>	<b>1859-1900</b>	
.81	Gubernatis, Angelo de		1840-
.82	Amicis, Edmondo de		1846-1908

**859 Wallachian literature**

.1 Poetry	.2 Drama	.3 Fiction	.4 Essays	.5 Oratory	.6 Letters
.7 Satire and humor	.8 Miscellany				

**.9 Romansch literature**

Subdivided like 859

**860 Spanish literature**

860.1 Philosophy .2 Compendis .3 Dictionaries .4 Essays .5 Periodicals  
 .6 Societies .7 Study and teaching .8 Collections .9 History

**861 Spanish poetry**

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
 .06 Descriptiv .07 Satiric and humorous .08 Collections .09 History  
 of Spanish poetry

**.1 Early Spanish -1369**

In 711 the Visigothic kingdom, founded in the 5th century, was overthrown by Arabs; 711-1492 Arabic period or Age of reconquest

Literature began in first half of 12th century. Earliest poetry, epic; subjects national, themes war and religion (861.11-12). These were followed by an erudite tendency toward classic tradition neglecting national themes (861.13 and .14) which were however revived toward the close of the period (861.15) by continued victories over Moors under Alfonso 11th, 1312-50, thereafter reaction again toward didactic (861.16). Under Alfonso the Wise, 1252-84, a general intellectual awakening, but leading to greater results in prose than in poetry. Thru him (1) Provençal (and Galician) and (2) Oriental influences were introduced. In Provençal literature chief attention was given to perfection of poetic form. The Oriental was didactic in content, symbolic in form.

**.11 Primitiv monuments****.12 Poema de mio Cid**

.13 Berceo, Gonzalo de 1196-1266

.14 Segura de Astorga, Juan Lorenzo 1250

.15 Yañez Ruy (Cronica del Rey Alfonso Onceno)

.16 Sem Tob, Rabbi 1350

**.19 Minor poets****.2 Age of imitation 1369-1516**

Henry 2d to Carlos 1st, Charles 5th of Germany. 1479, Union of Castile and Arragon. Under Ferdinand and Isabella all Spain was brought under one scepter. Provençal and didactic tendencies continue; a third element was Italian influence.

There were 3 distinct schools:

1 Provençal, specially influential at court

2 Italian (Dante) or Allegoric, introduced by Francisco Imperial, a Genoese. (Mena, 861.22)

3 Didactic. A protest against the Italian school in behalf of national literary traditions. (Ayala, 861.21)

.21 Lopez de Ayala, Pedro 1332-1407

.22 Mena, Juan de 1411-56

.23 Mendoza, Iñigo Lopez de, Marqués de

Santillana 1398-1458

.24 Manrique, Jorge 1440-79

.25 Los Cancioneros } Collections of poetry

.26 Los Romances } Collections of poetry

**.27 Romancero del Cid**

'Romances' popular poetry, peculiar to Spain, and generally anonymous period of production, from earliest times to 18th century. Golden Age during reign of Ferdinand and Isabella, a grand reawakening coming with the fall of Granada, 1492

**.29 Minor poets**

## 861.3 Golden age 1516-1700

Rule of House of Austria. Painting culminates in this period: Morales 1509-86; Coello 1515-90; Joanes 1523-79; The Herrera — 16th century; Ribera 1588-1656; Zurbaran 1598-1662; Velazquez 1599-1660; Cano 1601-67; Murillo 1618-82, etc. Pierce opposition to the Reformation intensified religious sentiment and produced a school of mystics. The sentiment of nationality became a dream of universal monarchy. The chivalric cult of woman was replaced by an exaggerated conception of female honor, the least suspicion of frailty being visited with death. Great number of poets. Nothing notable in epic; lyric very prominent; at first Italian influences more intensified, Petrarch the model. This movement, begun by Juan Boscan 1500(?)—1543, culminated in Garcilaso (861.31). The protest against this in favor of national traditions is best represented by Castillejo (861.32). Mendoza (861.36) represents a conciliation. A fusion of 2 schools follows in which the Italian wins the major influence. Thereafter appear 2 new schools:

- 1 Classic, opposed to the fusion and represented by Leon (861.33) and the Argensolas (861.34) and
- 2 Sicilian or Oriental (inspired specially by the Bible) of which Herrera (861.35) is standard bearer. First manifestations of 'bad taste' appear (founder of school, Alonso de Ledesma 1552-1623) represented by Gongora (861.37) which despite opposition (Rioja 861.38) produces rapid decadence. Bad taste consisted in artificialities, exaggerations, obscurities, etc.

.31	Vega, Garcilaso de la	1503-36
.32	Castillejo, Cristóbal de	1494-1596
.33	Leon, Luis Ponce de	1528-91
	Leon is equally important in prose	
.34	Los Argensolas: Lupercio	1563-1613
	Bartolomé Leonardo	1564-1631
.35	Herrera, Fernando de	1534-97
.36	Mendoza, Diego Hurtado de	1503-75
.37	Góngora y Argote, Luis de	1561-1627
.38	Rioja, Francisco de	1600-59
.39	Minor poets	

## .4 18th century 1700-1800

At death of Carlos 2d (1700) war of succession resulted in firm establishment of house of Bourbon, which, with brief interruptions, has continued to rule. Spanish political importance lost. At opening of century complete decadence, 'bad taste' every where dominant. Attempts made to regenerate Spanish letters according to principles of French classicism. Little advance, however, till close of century, despite foundation of academies (Spanish academy, 1714) and doctrinal reform in French sense, proclaimed by Luzan (1702-54) in *La poetica*, etc. Thereafter a kind of revival. 3 schools formed:

- 1 Classic French. Moratin the elder (861.41); Cadalso (861.42); Yriarte (861.45) and Samaniego (861.44)
- 2 Antique national, protesting against introduction of French taste. Huerta (861.43)
- 3 Salamanca school, an attempt to reconcile the first 2, avoiding their extravagances and conserving what was good in each. Valdés (861.46); Iglesias (861.47); Cienfuegos (861.48); Moratin the younger (862.42) and Jovellanos (868.42). 'Prosaism' production of exaggerated opposition to Gongorism or 'bad taste' also characterizes period. Influence of French encyclopedism also manifest. Development of science checked by religious (Inquisition) and political despotism. Rich development of fables and apologs in verse. Samaniego (861.44) and Yriarte (861.45). In epic, complete poverty

.41	Moratin (the Elder), Nicolás Fernandez de	1737-80
.42	Cadalso, José de	1741-82
.43	Huerta, Vicente Antonio García de la	1734-87
.44	Samaniego, Félix María de	1745-1801
.45	Yriarte, Tomás de	1750-91
.46	Valdés, Juan Melendez	1754-1817
.47	Iglesias de la Casa, José	1748-91
.48	Cienfuegos, Nicasio Alvarez de	1764-1809
.49	Minor poets	

DECIMAL CLASSIFICATION

- 861.5 19th century 1800-1900**  
 Abdication of Carlos 4th, 1808; Joseph 1st (Bonaparte) 1808-13. Ferdinand 7th restored. Salic law abrogated, opening succession to daughter Isabella. Carlist insurrections (upholding Salic law) quelled. Isabella driven from throne by revolution 1868; 1870-73 Amadeo (Savoy house), 1873, Amadeo abdicates and republic proclaimed; monarchy restored with Alfonso 12th in 1875  
 Age, till close of Ferdinand's reign, very unfavorable to letters. Under Carlos 4th (1788-1808) despotism reintroduced and revolution followed. Policy of Ferdinand 7th, after restoration (1813-33), retrograde. An interregnum in letters. First real awakening with Espronceda (861.57). Same fluctuations as in previous period. Romantic school introduced by Zorrilla (861.53)
- .51 Quintana, Manuel José 1772-1857  
 .52 Espronceda, José de 1810-42  
 .53 Zorrilla y Moral, José 1817-90  
 .54 Gutierrez, Antonio García 1812-84  
 .55 Gil y Zárate, Antonio 1792-1861  
 .56 Hartzembusch, Juan Eugenio 1806-80  
 .59 Minor poets
- .6 Early 20th century 1901-**
- 862 Spanish drama**
- .2 Age of imitation 1369-1516**  
 Evidences of existence of 'mysteries' but no remains
- .21 Enzina, Juan del (?)1468-1534  
 22 Vicente, Gil (?)1450-1536
- .3 Golden age 1516-1700**  
 Drama of this period is chief glory of Spanish letters; writers show a phenomenal fecundity (at 70 'Lope' had written 1500 dramas), 30,000 dramas composed by beginning of 18th century. At opening of period Church tried to check development of profane drama, placing nearly all in the *Index*. Torres Naharro (works pub. 1517) and Lope de Rueda (d. 1567) form transition from preceding period. Latter, reputed father of national theater. Lope de Vega (862.31) real founder. Drama culminates in Calderon (862.35); thereafter decadence
- .31 Vega Carpio, Lope Felix de 1562-1635  
 .32 Castro y Belvis, Guillen de 1567-1621  
 .33 Tellez, Gabriel (Tirso de Molina, pseud.) (?)1570-1648  
 .34 Alarcon y Mendoza, Juan Ruiz de (?)1580-1639  
 .35 Calderon de la Barca, Pedro 1600-81  
 .36 Rojas y Zorrilla, Francisco de 1607-  
 .37 Moreto y Cabaña, Agustin 1618-69  
 .39 Minor dramatists
- .4 18th century 1700-1800**  
 Complete decadence of drama in last years of old monarchy. Revival in 18th century, following French classic drama. Culminates in Moratin the younger (862.42). Opposition of National school voiced in Huerta (861.43). Discussions provoke abundant productions, fecundity rather than merit characterising mass of writers, Comella (862.41) — Period of unrest; old ideas can not be reestablished, new can not be naturalized. For Moratin the elder, see 861.41; Huerta, 861.43
- .41 Comella, Luciano Francisco 1716-79  
 .42 Moratin, Leandro Fernandez de 1760-1828  
 .43 Cruz, Ramon de la (Light comedies) 1731-95  
 .49 Minor dramatists
- .5 19th century 1800-1900**  
 Zorrilla (861.53), Gutierrez (861.54), and Rubí (862.52) represent 'romantic' movement in Spanish drama. For Gil y Zárate, see 861.55; Hartzembusch, 861.56
- .51 Martinez de la Rosa, Francisco 1789-1862  
 .52 Rodriguez Rubí, Tomás 1817-90  
 .53 Bretón de los Herreros, Manuel 1796-1873  
 .59 Minor dramatists
- .6 Early 20th century 1901-**



## 863 Spanish fiction

- .2 **Age of imitation 1369-1516**  
Immense vogue of books of chivalry despite legislation till publication of *Don Quijote*; thereafter only one written. [First part of *Quijote* printed 1605]
- .21 **Books of chivalry**
- .22 **Amadis de Gaula**
- .23 ***Celestina***
- .3 **Golden age 1516-1700**  
Real novel replaces old books of chivalry about 1500. 'Picaresca,' or 'rogue' novel characteristic of this period; a result of the state of society following wars of Charles 1st and Philip 2d, e. g. Mendoza's *Lasarillo de Tormes*. For Mendoza, see 861.36
- .31 **Montemayor, Jorge de 1520-61**
- .32 **Cervantes Saavedra, Miguel de 1547-1616**
- .39 **Minor novelists**
- .4 **18th century 1700-1800**
- .5 **19th century 1800-1900**  
For Bretón de los Herreros, see 862.53; and Rodríguez Rubí, 862.52
- .51 **Larra, Mariano José de [Figaro] 1809-37**
- .52 **Mesonero y Romanos, Ramón de 1803-82**
- .53 **Arrom, Cecilia Boehl de [Fernan Caballero] 1797-1877**
- .59 **Minor writers**
- .6 **Early 20th century 1901-**

## 864 Spanish essays

## 865 Spanish oratory

Hardly any forensic and little sacred eloquence. When language and culture advanced, privileges of Cortes restrained. Sacred eloquence less employed by Spanish church than by French or English. Gongorism or 'bad taste' conquers here as elsewhere

- .1 **Early Spanish -1369**
- .2 **Age of imitation 1369-1516**
- .3 **Golden age 1516-1700**  
For Luis de Leon, see 861.33; and Luis de Granada, 868.32
- .4 **18th century 1700-1800**  
For Jovellanos, see 868.42; and Valdés, 861.46
- .5 **19th century 1800-1900**
- .51 **Olozaga, Salustiano de 1803-73**
- .52 **Castelar, Emilio 1832-99**
- .6 **Early 20th century 1901-**

## 866 Spanish letters

- .3 **Golden age 1516-1700**  
Naturalness of old times changed with majestic court and rigid etiquet of Charles 5th. For Santa Teresa, see 868.33
- .31 **Avila, Juan de 1502-69**
- .32 **Perez, Antonio 1548-1611**
- .39 **Minor writers**

DECIMAL CLASSIFICATION

867 Spanish satire

- .1 **Early Spanish -1369**  
Ruiz, Juan (Arcipreste de Hita) 1350
- .2 **Age of imitation 1369-1516**  
*Coplas de Mingo Revulgo*
- .3 **Golden age 1516-1700**  
Quevedo Villegas, Francisco Gomez de 1580-1645
- .4 **18th century 1700-1800**  
For Cadalso, see 861.42; and Moratin the younger, 862.42
- .41 Jorge Pitillas (a pseudonym)
- .42 Isla, José Francisco de (el Padre) 1703-81

868 Spanish miscellany

- .1 **Early Spanish -1369**
- .11 Alfonso 10, el Sábido 1221-84
- .12 Sancho el Bravo (4th of Castile) 1258-95
- .13 Manuel, Juan 1282-1347
- .14 Alfonso 11 1310-50
- .19 Minor writers
- .2 **Age of imitation 1369-1516**  
General and special histories, books of travel, works cald forth by Boccaccio's *Corvaccio*, etc.
- .3 **Golden age 1516-1700**  
Didactic prose. Considerable development, tho less than poetry, owing in great measure to political and religious restraints. 'Bad taste' manifests itself here as elsewhere. Luis de Granada, Santa Teresa, San Juan de la Cruz, Pedro de Rivadeneyra and Luis de Leon, representativs of Mystic school  
For Luis de Leon, see 861.33; and Quevedo y Villegas, 867.3
- .31 Mariana, Juan de, founder of Spanish history 1536-1623
- .32 Granada, Luis de 1504-88
- .33 Teresa de Jesús, Santa 1513-82
- .34 Cruz, San Juan de la 1542-91
- .35 Rivadeneyra, Pedro de 1527-1611
- .36 Saavedra Fajardo, Diego de 1584-1648
- .39 Minor writers
- .4 **18th century 1700-1800**  
Under Carlos 3d (1759-88) scientific studies took a fresh start, due largely to Feijóo, who attempted intellectual emancipation of Spain. Prose advanced under French influence, Gallicisms introduced
- .41 Feijóo y Montenegro, Benito Jerónimo 1766-1764
- .42 Jovellanos, Gaspar Melchor de 1744-1811
- .49 Minor writers
- .5 **19th century 1800-1900**  
For Hartzembusch, J E, see 861.56
- .51 Gayangos, Pascual de 1809-97
- .52 Rios, José Amador de los 1818-78
- .53 Milá y Fontanals, Manuel 1818-84
- .59 Minor writers
- .6 **Early 20th century 1901-**

869 Portuguese literature

- .1 Poetry
- .2 Drama
- .3 Fiction
- .4 Essays
- .5 Oratory
- .6 Letters
- .7 Satire and humor
- .8 Miscellany

## 870 Latin literature

- .1 Philosophy .2 Compenda .3 Dictionaries, cyclopedias .4 Essays  
 .5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History  
 of Latin literature

## 871 Latin poetry in general

See Dramatic, Epic and Lyric below

- .1 Lucretius Carus, Titus  
 .2 Ovid (Publius Ovidius Naso)  
 .3 Hyginus, Caius Julius  
 .4 Faliscus, Gratius  
 .5 Manilius, Marcus  
 .6 Phaedrus  
 .7 Lucilius Junior *Aina*  
 .8

## 872 Latin drama

- .1 Andronicus, Livius  
 .2 Naevius, Cnaeus  
 .3 Plautus, Titus Maccius  
 .4 Ennius  
 .5 Terence (Publius Terentius Afer)  
 .6 Seneca, Lucius Annaeus See also 878.5  
 .7

## 873 Latin epic poetry

- .1 Virgil (Publius Virgilius Maro)  
 .2 Lucanus, Marcus Annaeus  
 .3 Flaccus, Caius Valerius  
 .4 Silius Italicus, Caius  
 .5 Statius, Publius Papinius  
 .6

## 874 Latin lyric poetry

- .1 Catullus, Tibullus and Propertius  
 .2 Catullus, Valerius  
 .3 Tibullus, Albius  
 .4 Propertius, Sextus Aurelius  
 .5 Horace (Quintus Horatius Flaccus) See also 877.3  
 .6 Calpurnius Siculus  
 .7

**875 Latin oratory**

- .1 Cicero, Marcus Tullius: complete works**  
For Cicero's letters see 876.1
- .2 Orations**
- .3 Rhetorical works**
- .4 Philosophic works** See also 186.3
- .5 Messala Corvinus, Marcus Valerius**
- .6 Quintilian (Marcus Fabius Quintilianus)**
- .7**

**876 Latin letters**

- .1 Cicero, Marcus Tullius** For his other works see 875.1-875.4
- .2 Pliny (Caius Plinius Caecilius Secundus)**
- .3 Fronto, Marcus Cornelius**
- .4**

**877 Latin satire and humor**

- .1 Lucilius, Caius**
- .2 Cato, Valerius**
- .3 Horace** See 874.5
- .4 Persius Flaccus, Aulus**
- .5 Petronius Arbiter, Caius**
- .6 Martial (Marcus Valerius Martialis)**
- .7 Juvenal (Decimus Junius Juvenalis)**

**878 Latin miscellany**

- .1 Caesar, Caius Julius**
- .2 Sallust (Caius Sallustius Crispus)**
- .3 Nepos, Cornelius**
- .4 Livy (Titus Livius Patavinus)**
- .5 Seneca, Lucius Annaeus** See also 872.6 and 188.6
- .6 Tacitus, Caius Cornelius**
- .7 Suetonius Tranquillus, Caius**
- .8 Curtius Rufus, Quintus**
- .9 Minor writers**

**879 Medieval and modern Latin**

Subdivided like 820. .1 Poetry .2 Drama .3 Fiction .4 Essays .5 Oratory  
.6 Letters .7 Satire and humor .8 Miscellany

LITERATURE

**880 Greek literature**

Classic literature

- .1 Philosophy .2 Compendis .3 Dictionaries .4 Essays on Greek literature  
.5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History  
of Greek literature

**881 Greek poetry in general**

See Dramatic, Epic, and Lyric, below

- .1 **Theognis**  
.2 **Aratus**  
.3 **Lycophron**  
.4 **Babrius**

**882 Greek dramatic poetry**

- .1 **Æschylus**  
.2 **Sophocles**  
.3 **Euripides**  
.4 **Aristophanes**  
.5 **Epicharmus**  
.6 **Menander**

**883 Greek epic poetry**

- .1 **Homer**  
.2 **Hesiod**  
.3 **Apollonius Rhodius**  
.4 **Oppian**  
.5 *Orphic poems*

**884 Greek lyric poetry**

- .1 **Tyrtaeus**  
.2 **Sappho**  
.3 **Anacreon**  
.4 **Simonides of Ceos**  
.5 **Pindar**  
.6 **Theocritus**  
.7 **Bion**  
.8 **Callimachus**  
.9 **Minor Greek lyric poets**

DECIMAL CLASSIFICATION

885 Greek oratory

- .1 Andocides
- .2 Lysias
- .3 Isaeus
- .4 Isocrates
- .5 Æschines
- .6 Demosthenes
- .7 Hyperides
- .8 Lycurgus
- .9 Minor Greek orators

886 Greek letters

- .1 Themistocles
- .2 Alciphron
- .3 Phalaris

887 Greek satire and humor

For comedies of Aristophanes see 882.4

- .1 Archilochus
- .2 Simonides of Samos
- .3 Hipponax

888 Greek miscellany

- .1 Herodotus
- .2 Thucydides
- .3 Xenophon
- .4 Plato See also 184.1 Platonic philosophy
- .5 Aristotle See also 185.1 Aristotelian philosophy  
Or if preferred, the works of Plato and Aristotle may be put in 184.1 and 185.1
- .6 Æsop
- .7 Lucian
- .8 Plutarch See also 186.2
- .9 Minor writers

889 Medieval and modern Greek

- .1 Poetry .2 Drama .3 Fiction .4 Essays .5 Oratory .6 Letters
- .7 Satire and humor .8 Miscellany

890 Literature of minor languages

Subdivided like 490, Philology of minor languages. If wished 1 Poetry; 2 Drama, etc., can be used after the language number; e. g. Russian drama is 891.72, Hebrew poetry 892.41, Bengali poetry 891.441

# History

## 900 History in general

901-909 all have *History in general* as their subject, but it is treated in these various forms. A periodical on English history goes with 942, not 905, which is only for periodicals on history in general. Naught (0) in any class number in any part of the classification shows the subject to be general, not specific

901 Philosophy, theories, etc. History of civilization

902 Compendis, chronologies, charts, outlines

For chronology as a science, see 529

903 Dictionaries, cyclopedias, etc.

904 Essays, lectures, addresses

905 Periodicals, historical magazines

906 Societies, transactions, etc.

907 Education, methods of teaching, writing, etc.

See also 371.3

908 Polygraphy, collected works, extracts, etc.

909 Universal and general modern histories

For general Ancient histories, see 930

.1 A. D. 476-1199	.5 1500-1599	.81 1800-99
.2 1200-1299	.6 1600-1699	.82 1900-99
.3 1300-1399	.7 1700-1799	
.4 1400-1499	.8 1800-	

## 910 Geography and travels

Including topography, maps, antiquities, descriptions, etc.

For map projection, see 526.9. See also 310 Statistics, 390 Customs and costumes

For directories, guidebooks, gazetteers, etc. of special countries or geographic sections see under those sections, 914-919

- .1
- .2 Traveler's manuals, guidebooks
- .3 Dictionaries, gazetteers
- .4 Circumnavigations, ocean travel, shipwrecks and disasters, piratic adventures
- .5 Periodicals
- .6 Societies
- .7 Study and teaching of geography: school map drawing  
For primary teaching of geography see 372.89
- .8 Collections of travels, etc.
- .9 History of geography, travels, explorations, etc.

DECIMAL CLASSIFICATION

911 Historic Growth and changes in political divisions, etc. Subdivided like 930-999

912 Maps, atlases, plans of cities, etc.  
Subdivided like 930-999

913 Antiquities, archeology, of special countries  
See also 220.93 Biblical antiquities; 340.3 Legal antiquities; 571 Prehistoric archeology; 930 Ancient history; 390 Special customs

.3 Antiquities of ancient countries  
Subdivided like 930, e. g. 913.32 Egyptian antiquities. Antiquities of countries having both ancient and modern history numbers should be class in 913.3

-4-9 Antiquities of modern countries  
Subdivided like 940-999, e. g. 913.42 English antiquities. See also note under 913.3

914 Europe  
915 Asia  
916 Africa  
917 North America  
918 South America  
919 Oceania and Polar regions

914-919 is subdivided like 940-999. Whenever these main geographic headings occur they may be subdivided exactly like History. The full list of subheads is printed only under 940-999. In assigning numbers to travels, use the history tables, *insert 1 after the initial 9*, and move the decimal point; e. g. Guide to N. Y. city is 917.471, for N. Y. city in history tables is 974.71

920 Biography

Including autobiography, diaries, personal narratives, eulogies, biographic dictionaries, etc. All biography is here grouped together under the main classes, and subdivided in the same way with the variations indicated below for Philosophy, Theology, and Sociology, i. e. the biography of science is divided like science itself, see 500-599. Lives of chemists are 925.4; of botanists, 925.8; of sailors, 926.56; of actors, 927.92; of the inventor of hard rubber, 926.78, etc. The rule is to give each life the number of the subject it illustrates most, or to the student of which it will be most useful. Another plan is to scatter biography with the other books, leaving 920-928 blank, or using them only for general works, cross references, etc. This simply omits the first 2 figures 92, and the life of a botanist is 580 instead of 925.8, and goes with botanic books. This plan may be carried out more specifically where 9 has been used for the history of a subject, by adding for biography the figure 2, making the life of a botanist 580.92

Lives which will not go under any head without 'forcing' are best put in a single alphabet under the 3 figures 920 for men and under 920.7 for women

General and collectiv by localities

Including only collected lives too general to go under any subject heading

- .01 Universal
- .02 Partial collections not limited to any special country or subject
- .03 Ancient
- .04 Of Europe
- .05 " Asia
- .06 " Africa
- .07 " North America
- .08 " South America
- .09 " Oceania



BIOGRAPHY

- 920 Individual and collectiv by subjects
- .1 Bibliografers
  - .2 Librarians
  - .3 Encyclopedists
  - .4 Publishers Booksellers
  - .5 Journalists
  - .6 Academicians
  - .7 Women Collected, and individual lives not clearly going with any subject
  - .8 Eccentrics, cranks, fools, insane, etc. See also 132.1 Insanity
  - .9 Other special classes not included in 921-928, e. g. phrenologists, somnambulists, mindreaders, magicians, etc.
- 921 Of philosophy
- .1 American
  - .2 English Scotch
  - .3 German
  - .4 French
  - .5 Italian
  - .6 Spanish
  - .7 Slavic
  - .8 Scandinavian and other modern
  - .9 Ancient Oriental Patristic Scholastic See 180-189
- 922 Of religion: clergy, missionaries, preachers
- 922.1-922.88 may be subdivided for nationality like 930-999
- .1 Primitiv apostles, fathers, etc. oriental, Greek, Russian  
See 225.92 New Testament biography
  - .2 Roman catholic: popes, cardinals, etc.
    - .21 Lives of popes
  - .3 Anglican and protestant episcopal
  - .4 Continental protestant: Lutheran, Huguenot
  - .5 Presbyterian and congregational
  - .6 Baptist Immersionist
  - .7 Methodist
  - .8 Unitarian, universalist and other
    - .81 Unitarian Universalist
    - .84 New church or Swedenborgian
    - .85 Christian science
    - .86 Quaker
    - .87 Mennonite
    - .88 Shaker
    - .89 Other minor Christian sects

DECIMAL CLASSIFICATION

- 922.0 Ethnic and other**
- .91 Atheists
  - .92
  - .93
  - .94 Brahman Buddhist
  - .95 Parsee
  - .96 Jews
  - .97 Mohammedan
  - .98 Mormon
  - .99 **Minor nonchristian religions**
- 923 Of sociology**
- 923.1-923.8 may be subdivided for nationality, as in 930-999; e. g. the life of an English king is 923.142; of a Russian czar, 923.147; of a Chinese general, 923.551
- .1 **Chief rulers: kings, queens, emperors, presidents**
  - .2 **Political science: legislativ dep't, governors, politicians, statesmen, nobles, etc.** For slaves, see 326.92
  - .3 **Political economy: bankers, capitalists, financiers**
  - .4 **Law: judiciary dep't, lawyers, judges**
  - .41 Criminals
  - .5 **Administration: army and navy, civil servis**
  - .6 **Associations and institutions Philanthropists, etc.**
  - .7 **Education: teachers, school offisers, educators**
  - .8 **Commerce and communication: railway officials, merchants, etc.**
  - .9 **Manners and customs: society, travelers, discovery**
- 924 Of philology
- 925 " science
- 926 " useful arts
- 927 " fine arts
- 928 " literature
- See note under 920 about subdividing. It is seldom wise to use more than 4 figures, unless in a large special collection; e. g. in a music library, lives of pianists may be separated as 927.86. Professors known as specialists go with the subject taught rather than with teachers; e. g. a professor of geology 925.5; but if more prominent as an educator than as a geologist he goes in 923.7
- In adding figures for the subdivisions of literature, as in 810-899, class historians with miscellaneous authors as 8; i. e. Gibbon's life is 928.28; 928.31 is life of a German poet, and 928.691 is life of a Portuguese poet

929 Genealogy and heraldry

- .1 **Genealogies**
- .2 Families
- .3 Registers of births, baptisms, marriages, deaths
- .4 Names of persons and places
- .5 Epitaphs
- .6 **Heraldry**
- .7 **Peerage, precedence, titles of honor** Royal houses
- .71 **Orders of Knighthood**
- .711 St John of Jerusalem
- .712 Templars
- .713 Teutonic knights
- .714 Garter
- .715 Golden Fleece
- .716 Holy Ghost
- .717
- .718
- .719
- .72 **Great Britain and Ireland**
- .721 Peerage Royal houses
- .722 Baronetage
- .723 Knightage
- .724 Dignities, precedence
- .725 Landed gentry
- .726 Visitations Alfabeted by counties
- .73 **Germany**
- .74 **France**
- .75 **Italy**
- .76 **Spain**
- .77 **Russia**
- .78 **Scandinavia**
- .79 **Minor countries**  
Divided like 949; minor countries outside Europe are put together in 929.792
- .8 **Coats of arms, crests**
- .9 **Flags**

930 **Ancient history** 476 A.D.

- 931 China
- 932 Egypt
- 933 Judea
- 934 India

DECIMAL CLASSIFICATION

935 Medo-Persia

- .1 Chaldea
- .2 Assyria Nineveh
- .3 Media
- .4 Babylonia
- .5 Persia
- .6 Parthia
- .7 New Persian or Sassanian
- .8 Mesopotamia
- .9 Susiana

936 Kelts

937 Rome Italy

Period divisions

- .01 Kings 753-509 B. C.
- .02 Republic 509-31 "
- .03 Conquest of Italy 509-264 "
- .04 Punic wars 264-146 "
- .05 Civil strife 146-31 "
- .06 Empire 31 B. C.-476 A. D.
- .07 Constitutional 31 " -284 "
- Augustus—Illyrian emperors
- .08 Absolute 284-476 "
- .09 Division of empire 395-476 "
- Barbarian conquests and fall of western empire

Geografic divisions

- .1 Liguria
- .2 Gallia Cisalpina
- .3 Venetia Istria
- .4 Umbria Picenum Sabini, etc.
- .5 Etruria
- .6 Latium, Rome
- .7 Southern Italy: Campania, Samnium, Apulia, etc.
- .8 Sicily, Syracuse
- .9 Sardinia Corsica

938 Greece

Period divisions

- .01 Mythical age -776 B. C.
- .02 Growth of states 775-500 "
- .03 Persian wars Union of Greece 500-479 "
- .04 Athenian supremacy 479-431 "
- .05 Peloponnesian war 431-404 "
- .06 Spartan and Theban supremacy 404-362 "
- .07 Macedonian supremacy 362-323 "
- .08 Roman conquest of Greece 323-146 "
- .09 Greek subjection 146 B. C.-323 A. D.
- Byzantine empire is class 949.5

Geografic divisions of Greece

- 938.1 Macedonia  
 .2 Thessaly Epirus  
 .3 Acarnania Ætolia Locris Doris Phocis Ithaca  
 .4 Boeotia Megaris Euboea  
 .5 Attica  
 6 Peloponnesus  
 .7 Corinthia Achaia  
 .8 Elis Arcadia Argolis  
 .9 Messenia Laconia Sparta

939 Minor countries

- .1 Grecian archipelago  
 .11 Northern ilands: Thasos, Lemnos, etc. .12 Lesbos .13 Chios,  
 etc. .14 Samos, etc. .15 Cyclades .16 Rhodes, etc.  
 .17 Carpathos .18 Crete  
 .2 Western Asia Minor  
 .21 Mysia, Troas .22 Lydia .23 Ionia .24 Caria  
 .25 Bithynia .26 Phrygia .27 Pisidia .28 Lycia  
 .29 Pamphylia  
 .3 Eastern Asia Minor  
 .31 Paphlagonia .32 Galatia .33 Pontus .34 Cappadocia  
 .35 Cilicia .36 Commagene .37 Cyprus  
 .4 Syria  
 .41 Upper Syria .42 Coele Syria .43 Palmyra .44 Phenicia,  
 Tyre .45 Palestine: Hittites, Philistines, etc. .46 Edom,  
 Moab, Bashan, etc. .47 Arabia .48 Arabia Petraea, Sinai  
 .5 Northwestern Asia  
 .51 Scythia .52 Sarmatia Asiatica .53 Colchis .54 Iberia  
 .55 Armenia .56 Albania  
 .6 South Central Asia  
 .61 Sogdiana .62 Hyrcania .63 Margiana .64 Bactriana  
 .65 Ariana  
 .7 Minor African countries  
 .71 Mauritania .72 Numidia .73 Africa Propria, Carthage  
 .74 Syrtica Regio .75 Cyrenaica .76 Marmarica .77 Libya,  
 Gaetulia .78 Ethiopia  
 .8 Southeastern Europe  
 .81 Sarmatia Europa .82 Dacia .83 Vindelicia .84 Rhaetia  
 .85 Noricum .86 Pannonia .87 Illyria .88 Moesia  
 .89 Thracia

# Modern history

## 940 Europe

- From fall of the Western empire (Rome) A. D. 476
- .1 **Medieval Europe** 476-1453
    - For Byzantine empire see 949.5
  - .11 **Rise of new nations** 476- 800
  - .14 **Age of feudalism** 800-1100
    - See also 321.3 Feudalism (Political science)
    - Charlemagne 768-814
    - Norman conquests
  - .17 **Age of chivalry** 1100-1453
    - To fall of Eastern empire (Constantinople) 1453
  - .18 **Crusades** 1096-1270
    - See also church history, 270.4-5
    - 1st crusade 1096 (Peter the Hermit)
    - .182 2d " 1147 (St Bernard)
    - .183 3d " 1190 (Richard Coeur de Lion)
    - .184 4th " 1202 (Baldwin of Flanders)
    - .185 5th " 1212 (Children's crusade)
    - .186 6th " 1217 (Capture of Jerusalem)
    - .187 7th " 1228
    - .188 8th " 1248 (St Louis)
    - .189 9th " 1270 "
  - .2 **Modern Europe** 1453-
  - .21 **Renaissance period** 1453-1517
    - Discoveries and inventions
  - .22 **Age of the reformation** 1517-1789
  - .23
  - .24 30 years war 1618-48
  - .25
  - .26
  - .27 **Napoleonic period** 1789-1815
  - .28 **19th century** 1815-1914
  - .29
  - .3 **Great war** 1914-19
    - .31 Political history
    - .311 Causes
    - .312 Efforts to preserv peace
      - See also 940.32 Diplomatic history
    - .313
    - .314 Results: terms of peace

MODERN HISTORY

- 940.315      **Relations of special classes**  
 Subdivided like the classification, using 9 for refugees, divided like 940-999 by country of origin. For classes not thus provided for see 940.316
- 2              **Clergy      Church**  
 Subdivide .3152-28 like 280, but use .315289 for sects in 289; e. g.  
 .31521      Greek catholic church  
             22      Roman      "      "      Pope  
             2895      Christian scientists  
 Use .31529 like 290; e. g.  
             .315296      Jews  
                     297      Mohammedans      Holy war
- .316              **Other special classes**  
 1                  **Noncombatants**  
 2                  **Pacifists**  
 3                  **Enemy sympathizers**
- .317
- .318              **Relations of special interests      Aspects**  
 Divided generally like the classification
- .32              **Diplomatic history**  
 See also 940.31-314 Political history
- .33              **Groups of countries: allies and neutrals**  
 As a body; for individual countries see 940.34-.39
- .332              **Entente**
- .334              **Teuton allies, Central powers**
- .335              **Neutrals**
- .34-.39        **Individual countries**  
 Divided like 940-999  
 Under each country farther subdivision may be made with the following numbers, if its part in this war is clast here insted of with the rest of its history:  
 01 Political history      Causes  
 02 Diplomatic      "  
 03 Local (states, counties, provinces, cities)  
 04 Military organization  
             Class operations in 940.4  
 05 Aspects: economic and other  
 06 Celebrations  
 07 Prisons, etc.  
 08 Personal narrativ  
 09 Illustrativ
- .4              **Military history**
- .405              **Frightfulness, atrocities**  
 As military expedient. For other relations see Atrocities in Relativ index. But, since the avowd policy of one group of belligerents was 'frightfulness', it pervades all literature of this war.
- .41              **Land operations**
- .42-.43        **Special campains and battles**
- .44              **Air warfare**
- .45              **Naval history**
- .46              **Celebrations, commemorations**  
 Usually better clast with event commemorated. For American patriotic societies of this war, see 369.186
- .461              **War meetings**
- .462
- .463              **Flag presentations**
- .464              **Decorations: presentation**

DECIMAL CLASSIFICATION

- 940.465            **Monuments, memorials**  
                       General, of the war or a country's part in it; but class memorials of a  
                       special event with that event
- 4-9            **By country**            Divided like 940-999
- .467                **Rolls of honor**        **Lists of ded**
- .468
- .47                 **Prisons, hospitals, charities**
- .471
- .472                **Prisons**  
                       Divided like 940-999 and including internment camps
- .473                **Exchange of prisoners**
- .474
- .475                **Medical department, surgeons, nurses**  
                       See also 616 and 617
- 4-9            **By country maintaining**        Divided like 940-999
- .476                **Hospitals, hospital sketches**  
                       34-39        **By country in which located**        Divided like 940-999
- 4-9            **By country maintaining**        " " "
- .477                **Welfare work**
- 1             **Red Cross**
- 2             **Salvation Army**
- 3             **Y M C A**
- 4             **Y W C A**
- 5             **Knights of Columbus**
- 6             **Young Men's Hebrew ass'n**
- 7             **Other: college units, etc.**
- 8             **By country conducting**        Divided like 940-999
- 9             **By country in which conducted**        Divided like 940-999
- .478                **Religious life, chaplains, etc.**
- .48                 **Personal narrativs, secret servis**  
                       When relating to some special battle or event, class with subject
- .481                **Entente allies**
- .482                **Central powers**
- .483                **Army life, Entente allies**
- .484                "             **Central powers**
- .485                **Secret servis, spies**
- .486
- .487                **German secret servis**
- .488
- .489
- .49                 **Illustrativ material**  
                       Subdivided like 973.79  
                       For special collections; but most material should be class with its subject:  
                       poetry, drama, etc. with the literatures to which they belong
- .5                  **Later 20th century**  
                       Including works on 20th century as a whole



HISTORY

94I Scotland

Period divisions

.01	Gaelic period	-1097
.02	English period	1097-1314
	Struggle for national freedom	
.03	Independent kingdom	1314-1424
.04	The Jameses	1424-1557
.05	Reformation	1557-1603
.06	Union of crowns and parliaments	1603-1707
.07	Hanover	1707-1837
.08	Later Hanoverian	1837-
.09		

Geographic divisions

.1	<b>Northern Scotland</b>	
	.11 Shetland	.12 Orkney
	.13 Caithness	.14 Sutherland
	.15 Cromarty	.16 Ross
	.17 Hebrides	
.2	<b>North central Scotland</b>	
	.21 Inverness	.22 Nairn
	.23 Elgin	.24 Banff
	.25 Aberdeen	.26 Kincardine
.3	<b>South central Scotland</b>	
	.31 Forfar	.32 Perth
	.33 Fife	.34 Kinross
	.35 Clackmannan	.36 Sterling
	.37 Dumbarton	.38 Argyll
	.39 Bute	
.4	<b>Southern Scotland</b>	
	.41 Renfrew	.42 Ayr
	.43 Lanark	.44 Linlithgow, Edinburgh
	.45 Haddington, Berwick	.46 Peebles, Selkirk
	.47 Roxburgh	.48 Dumfries
	.49 Kirkcudbright, Wigton	

941.5 Ireland

Period divisions

.51	Early history	-1086
.52	Separate kingdoms	1086-1172
	Conquest by Henry 2	
.53	Plantagenet	1172-1399
.54	Lancaster and York	1399-1485
.55	Tudors	1485-1603
.56	Stuarts	1603-91
	Closing with treaty of Limerick	
.57	Hanover	1691-1801
	Closing with the union	
.58	19th century	1801-1900
.59	Early 20th century	

DECIMAL CLASSIFICATION

Geografic divisions of Ireland

- 941.6 **Ulster**  
 .61 Antrim .62 Londonderry .63 Donegal .64 Tyrone  
 .65 Down .66 Armagh .67 Monaghan .68 Fermanagh  
 .69 Cavan
- .7 **Connaught**  
 .71 Leitrim .72 Sligo .73 Mayo .74 Galway .75 Roscommon
- .8 **Leinster**  
 .81 Longford, West Meath .82 Meath, Louth .83 Dublin  
 .84 Wicklow .85 Kildare .86 King's co. .87 Queen's co.  
 .88 Carlow, Wexford .89 Kilkenny
- .9 **Munster**  
 .91 Waterford .92 Tipperary .93 Clare .94 Limerick  
 .95 Cork .96 Kerry

942 **England**

Including works on Great Britain

Period divisions

For specially minute work the 6th figure printed for each sovereign may be used; e. g. Henry 7 is 942.051

- .01 **Anglo-Saxon** B. C. 55-A. D. 1066  
 Prehistoric, Roman, British, Danish
- .02 **Norman** 1066-1154  
 1 William 1 1066-87 2 William 2 1087-1100 3 Henry 1  
 1100-35 4 Stephen 1135-54
- .03 **Plantagenet** 1154-1399  
 1 Henry 2 1154-89 2 Richard 1 1189-99 3 John 1199-1216  
 4 Henry 3 1216-72 5 Edward 1 1272-1307 6 Edward 2  
 1307-27 7 Edward 3 1327-77 8 Richard 2 1377-99
- .04 **Lancaster and York** 1400-85  
 Wars of the roses 1455-85 (Lancaster, red; York, white)  
 1 Henry 4 1399-1413 2 Henry 5 1413-22 3 Henry 6  
 1422-61 4 Edward 4 1461-83 5 Edward 5 1483 6 Richard 3 1483-85
- .05 **Tudor** 1485-1603  
 1 Henry 7 1485-1509 2 Henry 8 1509-47 3 Edward 6  
 1547-53 4 Mary 1553-58 See also 272.6 5 Elizabeth 1558-1603  
 See also 272.7
- .06 **Stuart** 1603-1714  
 1 James 1 1603-25 2 Charles 1 1625-49 3 Commonwealth  
 1649-53 4 Oliver Cromwell 1653-58 5 Richard Cromwell  
 1658-59 6 Charles 2 1660-85 7 James 2 1685-88 8 Wil-  
 liam 3 1689-1702 9 Anne 1702-14; War of Spanish succession
- .07 **Hanover** 1714-1837  
 1 George 1 1714-27 2 George 2 1727-60 3 George 3 1760-  
 1820 4 George 4 1820-30 5 William 4 1830-37
- .08 **Later Hanoverian** 1837-  
 1 Victoria 1837-1901 2 Edward 7 1901-10 3 George 5 1910-

## HISTORY

### Geographic divisions

- 942.1 **Middlesex**    **London**
- .2 **Southeastern**  
.21 Surrey    .23 Kent    .25 Sussex    .27 Hants    .28 Isle of  
Wight    .29 Berks
- .3 **Southwestern**  
.31 Wilts    .33 Dorset    .34 Channel islands    .35 Devon    .37 Corn-  
wall    .38 Somerset
- .4 **West Midland**  
.41 Gloucester    .43 Monmouth    .44 Hereford    .45 Salop  
.46 Stafford    .47 Worcester    .48 Warwick
- .5 **North and South Midland**  
.51 Derby    .52 Notts    .53 Lincoln    .54 Leicester, Rutland  
.55 Northampton    .56 Huntington, Bedford    .57 Oxford, Buck-  
ingham    .58 Hertford    .59 Cambridge
- .6 **Eastern**  
.61 Norfolk    .64 Suffolk    .67 Essex
- .7 **Northwestern and Yorkshire**  
.71 Cheshire    .72 Lancashire    .74 Yorkshire
- .8 **Northern**  
.81 Durham    .82 Northumberland    .85 Cumberland    .88 West-  
moreland    .89 Isle of Man
- .9 **Wales**  
.91 Anglesey    .92 Carnarvon, Merioneth    .93 Denbigh, Flint  
.94 Montgomery    .95 Cardigan    .96 Radnor, Brecknock  
.97 Glamorgan    .98 Carmarthen    .99 Pembroke

## 943 Germany and Austria

## Period divisions

- .01 Formative period**  
 Wars with Rome Charlemagne 800-814 Louis I 814-840  
 Lothaire I 840-843
- .02 Empire before the reformation**  
 1 Carolingian 843-911: Louis 2 843-876 Charles 2 876-877  
 Charles 3 877-887 Arnulf 887-899 Louis 3 900-911  
 2 House of Franconia: Conrad I 911-918 House of Saxony,  
 919-1024: Henry I 919-936 Otto I 936-973 Otto 2 973-983  
 Otto 3 983-1002 Henry 2 1002-24  
 3 House of Franconia 1024-1125: Conrad 2 1024-39 Henry 3  
 1039-56 Henry 4 1056-1106 Henry 5 1106-25 House of  
 Saxony: Lothaire 2 1125-37  
 4 House of Hohenstaufen 1137-97: Conrad 3 1138-52 Fred-  
 erick I 1152-90 Henry 6 1190-97  
 5 House of Hohenstaufen and Interregnum 1198-1272: Philip  
 1198-1208 Otto 4 1208-12 Frederick 2 1212-50 Conrad 4  
 1250-54 William of Holland 1254-56 Richard of Cornwall  
 1256-72  
 6 Houses of Hapsburg, Luxemburg, etc. 1273-1378: Rodolph I  
 1273-91 Adolphus 1291-98 Albert I 1298-1308 Henry 7  
 1308-13 Louis 4 1313-47 Charles 4 1347-78  
 7 Interregnum 1378-1437: Wenceslaus 1378-1400 Rupert  
 1400-10 Sigismund 1410-37  
 8 Albert 2 1438-39 Frederick 3 1440-93  
 9 Maximilian I 1493-1519
- .03 Reformation to 1618** 1517-1618  
 1 Charles 5 1519-1556 2 Ferdinand I 1556-64 3 Maxi-  
 milian 2 1564-76 4 Rodolph 2 1576-1612 5 Matthias  
 1612-19
- .04 Disintegration** 1618-1705  
 1 Thirty years' war 1618-48 2 Ferdinand 2 1619-37 3 Fer-  
 dinand 3 1637-57 4 Leopold I 1658-1705
- .05 Rise of Prussia** 1705-89  
 1 Joseph I 1705-11 2 Charles 6 1711-40 3 1740-42  
 4 Charles 7 1742-45 5 Francis I 1745-65 6 Seven years war  
 1756-63 7 Joseph 2 1765-90
- .06 Napoleonic wars** 1789-1815  
 Leopold 2 1790-92 Francis 2 1792-1806 Confederation of  
 the Rhine 1806-15
- .07 Reorganization** 1815-66
- .08 New German empire** 1866-1918  
 1 North German confederation 1866-71 2 Franco-German war  
 1870-71 3 William I 1871-88 4 Frederick 1888 Wil-  
 liam 2 1888-1918 ; Great war 1914-19 and downfall of empire
- .085 German republic** 1918-

## HISTORY

### Geographic divisions of Germany and Austria

943.1

#### Prussia and Northern Germany

By peace of Versailles, 1919, most of Posen (.13) and parts of East Prussia (.11) of West Prussia (.12) and Silesia (.14) were restored to Poland. Danzig (.12) as part of Poland made free city with 729 sq. mi. of territory

.11 East Prussia .12 West Prussia, Danzig .13 Posen  
.14 Silesia .15 Brandenburg .16 Pomerania .17 Mecklenburg and Lubeck .18 Prussian Saxony .19 Anhalt

.2

#### Central Germany

.21 Saxony .22 Thuringia .23 Saxe-Weimar .24 Saxe-Altenburg  
.25 Saxe-Gotha-Coburg .26 Saxe-Meiningen  
.27 Schwartzburg .28 Reuss

.3

#### Bavaria

.31 Upper Franconia .32 Middle Franconia .33 Lower Franconia  
.34 Upper Palatinate .35 Lower Bavaria  
.36 Upper Bavaria .37 Suabia

.4

#### Southern Germany

In 1919 by peace of Versailles 382 sq. mi. of Rhenish Prussia (.42) including Moresnet, Malmédy and Eupen were ceded to Belgium, and 783 sq. mi. of Saar valley to France subject to plebiscit in 1934. Alsace (.44) and Lorraine (.45) taken from France in 1871 were restored. See 944.38

.41 Hesse Darmstadt .42 Rhenish Prussia .43 Rhenish Bavaria  
.44 Alsace .45 Lorraine .46 Baden .47 Wurtemberg  
.48 Black Forest and Danube .49 Hohenzollern

.5

#### Northwest Germany

By peace of Versailles in 1919 part of Schleswig-Holstein (.51) was restored to Denmark

.51 Schleswig-Holstein and Hamburg .52 Oldenburg and Bremen  
.53 Hanover .54 Brunswick .55 Lippe .56 Westphalia  
.57 Waldeck .58 Hesse-Nassau

.6 Austria

.61 Lower Austria .62 Upper Austria .63 Salzburg .64 Tyrol  
.65 Styria .66 Carinthia .67 Carniola .68 Istria .69 Dalmatia

.7 Czechoslovakia

Since Oct. 28, 1918, an independent nation; Bohemia, Moravia, Silesia Slovakia and autonomous Ruthenia

.71 Bohemia .72 Moravia .73 Silesia .74 Galicia  
(as a result of the great war, 1914-19, restored to Poland)  
.75 Bukowina (since Nov. 1918 a part of Rumania)

.8 Poland Including history before the division

Extinct as state from 3d partition in 1795 til 1919, when its sovereignty was restored by the peace of Versailles. See also 943.11-14, 943.73-74 and 947.4-5

.9 Hungary, etc.

By the peace of Versailles 1919 the union of Transylvania (.92) with Rumania in 1918 was confirmed; Fiume (.94) was made independent, subject to plebiscit in 4 years; Slavonia (.93) Croatia (.94) Bosnia (.95) and Herzegovina (.96) were recognized as part of Yugoslavia (949.7)

.91 Hungary .92 Transylvania .93 Slavonia .94 Croatia, Fiume  
.95 Bosnia .96 Herzegovina

## 944 France

## Period divisions

- .01 Early history** -987  
 Ancient Kelts -59 B. C. Roman dominion 59 B. C.-418 A. D.  
 Merovingian dynasty 428-752 Carolingian 752-987
- .02 Capet and Valois** 987-1589  
**House of Capet**  
 1 Hugh Capet 987-996 Robert 2 996-1031 Henry 1  
 1031-60  
 2 Philip 1 1060-1108 Louis 6 1108-37 Louis 7 1137-80  
 3 Philip 2 1180-1223 Louis 8 1223-26 Louis 9 1226-70  
 4 Philip 3 1270-85 Philip 4 1285-1314 Louis 10 1314-16  
 John 1 1316 Philip 5 1316-22 Charles 4 1322-28  
**House of Valois**  
 5 Philip 6 1328-50 John 2 1350-64 Charles 5 1364-80  
 6 Charles 6 1380-1422 Charles 7 1422-61  
 7 Louis 11 1461-83 Charles 8 1483-98 Louis 12 1498-1515  
**House of Angoulême**  
 8 Francis 1 1515-47 Henry 2 1547-59  
 9 Francis 2 1559-60 Charles 9 1560-74 Henry 3 1574-89
- .03 Bourbon** 1589-1789  
 1 Henry 4 1589-1610 2 Louis 13 1610-43 3 Louis 14  
 1643-1715; War of Spanish succession 4 Louis 15 1715-74  
 5 Louis 16 1774-92
- .04 Revolution** 1789-1804  
 1 National assembly 1789-92 2 First republic 1792-99: 3 Con-  
 vention 1792-95 4 Reign of terror, May 1793-July 1794  
 5 Directory 1795-99 6 First consulate, Napoleon 1799-1804
- .05 First empire** 1804-1815  
 Napoleon 1 1804-14 Louis 18 1814-15 The hundred days,  
 March 20-June 29, 1815
- .06 Restoration** 1815-1848  
 1 Louis 18 1815-24 2 Charles 10 1824-30 3 Louis Philippe  
 1830-48
- .07 Second republic and second empire** 1848-1870  
 Revolution of 1848 Second republic, Louis Napoleon, pres.  
 1848-52 Napoleon 3 1852-70
- .08 Third republic** 1870-  
 Franco-German war, Government of national defense 1870-71  
 National assembly 1871 Presidency of Thiers 1871-73  
 McMahon 1873-79 Grévy 1879-87 Sadi-Carnot 1887-94  
 Casimir Périer 1894-95 Faure 1895-99 Loubet 1899-1906  
 Fallières 1906-13 Poincaré 1913-20; Great war 1914-19  
 Deschanel 1920 Millerand 1920-

## Geographic divisions of France

- .1 Brittany Maine Anjou**
- .11 Finistère .12 Côtes du Nord .13 Morbihan .14 Loire  
 Inférieure .15 Ille et Vilaine .16 Maine: Mayenne  
 .17 Sarthe .18 Anjou: Maine et Loire
- .2 Normandy Picardy**
- .21 Manche .22 Calvados .23 Orne .24 Eure .25 Seine  
 Inférieure .26 Picardy: Somme .27 Artois: Pas de Calais  
 .28 Nord

HISTORY

- 944-3 Champagne Ile de France Lorraine**  
 .31 Ardennes .32 Marne .33 Aube Haute Marne .34 Ile  
**de France:** Aisne .35 Oise .36 Seine et Oise, Paris  
 .37 Seine et Marne .38 Lorraine (Alsace-Lorraine):  
 .381 Meuse .382 Meurthe et Moselle .383 Alsace (But  
 use .38 for Alsace and Lorraine together) See also 943.44-45  
 .39 Vosges
- .4 Burgundy Franche Comté Savoy**  
 .41 Yonne .42 Côte d'Or .43 Saône et Loire .44 Ain  
 .45 Franche Comté: Haute Saône, Belfort .46 Doubs .47 Jura  
 .48 Savoy: Savoie .49 Haute Savoie
- .5 Orléans, etc. Auvergne**  
 .51 Eure et Loir .52 Loiret .53 Loir et Cher .54 Touraine:  
 Indre et Loir .55 Berry: Indre, Cher .56 Nivernais:  
 Nièvre .57 Bourbonnais: Allier .58 Lyonnais: Loire,  
 Rhône .59 Auvergne: Puy de Dôme, Cantal
- .6 Poitou Limousin**  
 .61 Vendée .62 Deux Sèvres .63 Vienne .64 Charente  
 Inférieure .65 Charente .66 Limousin: Haute Vienne  
 .67 Corrèze .68 Marche: Creuse
- .7 Guienne Gascony**  
 .71 Gironde .72 Dordogne .73 Lot .74 Aveyron .75 Tarn  
 et Garonne .76 Lot et Garonne .77 Gascony: Landes,  
 Gers .78 Hautes Pyrénées .79 Béarn: Basses Pyrénées
- .8 Languedoc**  
 .81 Haute Loire, Lozère .82 Ardèche .83 Gard .84 Hérault  
 .85 Tarn .86 Haute Garonne .87 Aude .88 Foix: Ariège  
 .89 Pyrénées Orientales
- .9 Provence Dauphiny**  
 .91 Bouches du Rhône .92 Vaucluse .93 Var .94 Alpes  
 Maritimes, Monaco .95 Basses Alpes .96 Dauphiny .97  
 Hautes Alpes .98 Drôme .99 Isère

**945 Italy**

**Period divisions**

- |     |   |           |
|-----|---|-----------|
| .01 | Gothic and Lombard kingdoms                                   | 476-774   |
| .02 | Frankish emperors   | 774-961   |
| .03 | German emperors   | 962-1122  |
|     | Hildebrand and papal supremacy                                |           |
| .04 | Age of the communes   | 1100-1300 |
|     | Free cities Strifes of Guelphs and Ghibelines                 |           |
| .05 | Age of the despots  | 1300-1492 |
| .06 | Age of invasions  | 1492-1527 |
| .07 | Spanish-Austrian ascendancy                                   | 1527-1796 |
| .08 | Struggle for independence                                     | 1796-1870 |
|     | Victor Emmanuel 2, Cavour, Garibaldi                          |           |
| .09 | United Italy  | 1870-     |
|     | Victor Emmanuel 2 -1878; Humbert 1878-1900; Victor Emmanuel 3 |           |
|     | 1900-   |           |

DECIMAL CLASSIFICATION

Geografic divisions of Italy

- 945.1 **Piedmont and Liguria**
- .2 **Lombardy**
- .3 **Venetia**
- .4 **Emilia**
- .5 **Tuscany**
- .6 **Marches, Umbria and Latium**
- .7 **Naples**
  - .71 Abruzzo and Molise      72 Campania      .73 Napoli
  - .74 Salerno      .75 Apulia      .76 Lecce, Terra di Otranto
  - .77 Basilicata, Potenza      .78 Calabria      .79 Reggio di Calabria
- .8 **Sicily      Malta**
- .9 **Sardinia and Corsica**

946 **Spain**

**Period divisions**

- .01 **Early history**      Roman dominion      Gothic kingdom      — 711
- .02 **Moorish kingdom**      711-1479
- .03 **Ferdinand 5 and Isabella**      1479-1516
  - Discovery
  - Expulsion of the Moors
- .04 **Charles 1 and Philip 2**      1516-98
  - Inquisition      War with the Netherlands      Armada      Charles 1
  - (5th of Germany) 1516-56      Philip 2 1556-98
- .05 **Philip 3 — Charles 4**      1598-1808
  - Degeneration      1 Philip 3 1598-1621      2 Philip 4 1621-65
  - 3 Charles 2 1665-1700      4 House of Bourbon: 5 Philip 5
  - 1700-46      6 Ferdinand 6 1746-59      7 Charles 3 1759-88
  - 8 Charles 4 1788-1808
- .06 **Peninsular war**      1808-14
  - Joseph Bonaparte
- .07 **Bourbon restoration**      1814-68
  - Attempts at reform
  - Ferdinand 7 1814-33      Isabella 2 1833-68
- .08 **Revolution and 2d restoration**      1868—
  - Revolution of 1868-70      Amadeus 1870-73      Republic 1873-75
  - Alfonso 12 1875-85      Alfonso 13 1886-

**Geografic divisions of Spain**

- .1 **Galicia**      Asturias
- .2 **Leon**      Estramadura
- .3 **Old Castile**
- .4 **New Castile**
- .5 **Aragon**
- .6 **Basque provinces**
- .7 **Catalonia**      Balearic iles      Valencia      Murcia
- .8 **Andalusia**      Canary iles
- .9 **Portugal**
  - .98 Madeira      .99 Azores



947 **Russia**

**Period divisions**

.01	Primitiv Russia	—862
.02	Varangian kingdom	862-1237
	Conversion to Christianity	
.03	Mongolian invasion	1237-1462
	Civil wars	
.04	Ivan 3-Ivan 5	1462-1689
	Origin of serfdom	
.05	Peter the Great	1689-1725
	Wars with Sweden and Turkey	
.06	Catharine 1-Catharine 2	1725-96
	Partition of Poland	
.07	Paul 1-Nicholas 1	1796-1855
	War with Napoleon	
	Insurrection of Poland	
	Crimean war	See also 942.08, 944.07, 945.08, 949.6
.08	Alexander 2	1855-81
	Emancipation of the serfs	
	Turko-Russian war	
	Alexander 3	1881-94
	Nicholas 2	1894-1917
	Revolution 1917	

**Geografic divisions of Russia**

.1	<b>Finland</b>	<b>Lapland</b>
.2	<b>Northern Great Russia</b>	Archangel, Vologda, Olonetz, Novgorod
.3	<b>Southern Great Russia</b>	
.4	<b>Baltic provinces</b>	Courland, Livonia, Esthonia, Petrograd (Petersburg)
.5	<b>Russian Poland</b>	Partly restored to Poland by peace of Versailles 1919. Lithuania
.6	<b>West Russia</b>	
.7	<b>Little Russia</b>	<b>South Russia</b>
	Ukraine	
.8	<b>East Russia</b>	
.9	<b>Caucasia</b>	

DECIMAL CLASSIFICATION

948 Norway Sweden Denmark

Period divisions

.01	Legendary period	-800
.02	Consolidation Migration	801-1397
	Introduction of Christianity	
	Discovery of Iceland, Greenland, and America	
	Conquest of Britain and Normandy	
.03	Union of the 3 kingdoms	1397-1523
	Civilization Foren relations	
.04	The reformation	1523-1648
	Edict of toleration 1527	
	30 years war Gustavus Adolphus	
.05	Decline	1648-1792
	Wars vs Denmark, Poland, Russia	
	Political changes	
.06	Napoleonic wars	1792-1818
	Union of Norway and Sweden	1814
.07	Charles 14 (Bernadotte)	1818-
	Peace Internal reform	

.08

Geografic divisions

.1	Norway
.2	Christiania
.3	Christiansand Bergen
.4	Hamar Throndhjem Tromso
.5	Sweden
.6	Gothland
.7	Svealand
.8	Norrland
.9	Denmark

- 949 **Minor countries of Europe**
- .1 **Iceland Faroe islands**  
 01 Commonwealth -1264 02 Medievalism 1264-1551 03 Absolute rule, Decay 1551-1848 04 Modern Iceland 1848-
- .2 **Netherlands**  
 01 Early history -1477 02 Austrian dominion 1477-1566 Wars for independence 1566-1648 04 Age of prosperity 1648-1795 05 Revolutionary 1795-1830 06 19th century 1830-1900 07 20th century 1901-
- .3 **Belgium**
- .4 **Switzerland**  
 01 Early history -1300 02 Struggle for independence 1300-1499 03 Reformation 1499-1648 04 Period of tranquillity 1648-1789 05 Period of revolution 1789-1815 06 19th century 1815-1900 07 20th century 1901-
- .5 **Byzantine empire and modern Greece**  
 01 Greek revival 323-716  
     Constantine the great-Theodosius 3  
 02 Byzantine prosperity 716-1057  
     Leo 3-Michael 6  
 03 Byzantine decline 1057-1204  
     Isaac I-Latin conquest of Constantinople  
 04 Greek survival 1204-1453  
     Constantinople taken by the Turks, 1453  
 05 Turkish power 1453-1821  
 06 Greek independence 1821-
- .6 **Turkey in Europe Balkan states** .61 Constantinople  
 Also works covering Turkey in Asia
- .7 **Jugoslavia: Serbia, Montenegro Bulgaria**  
 In addition to Serbia and Montenegro, Jugoslavia (Kingdom of the Serbs, Croats and Slovenes, established in 1918) includes Dalmatia (943.69), Slavonia (943.93), Croatia (943.94) Bosnia (943.95), Herzegovina (943.96) and Slovenia
- .8 **Rumania: Wallachia, Moldavia, Dobruja**  
 Includes also Bessarabia (947.7) added in Mar. 1918, Bukowina (943.75) Nov. 1918, and Transylvania (943.92) Dec. 1918
- .9 **Ilands of Greek archipelago**  
 Divided like 939.1

**950 Asia****951 China**

- .1 N. E. China, Peking .2 S. E. China, Canton, Hong Kong, Taiwan (Formosa) .3 S. W. China .4 N. W. China .5 Tibet .6 East Turkestan .7 Mongolia .8 Manchuria .9 Chosen (Korea)

**952 Japan****953 Arabia**

- .1 Sinai .2 Hejaz, Mecca .3 Yemen .4 Hadramaut, Mahrah .5 Oman .6 Hasa .7 Dahna .8 Nejd .9 Syrian desert

**954 India**

- .1 Bengal, Orissa, Assam, Bhotan .2 Northwest provinces, Oudh, Nepal .3 Central provinces .4 Rajputana .5 Punjab, Delhi, Lahore .6 Kashmir .7 Bombay, Sind, Baroda .8 Madras, Mysore, Travancore, Ceylon .9 Hyderabad

**955 Persia****956 Turkey in Asia** See also 949.6

- .1 Khodavendigar .2 Aidin, Smyrna .3 Kastamuni, Angora .4 Konieh, Adana, Cyprus .5 Trebizond, Sivas .6 Armenia and Kurdistan: Erzerum; Mamuret el Aziz, Karput; Diarbekr; Bitlis .7 Mesopotamia: Mosûl; Bagdad; Basra .8 Aleppo .9 Syria, Damascus, Phenicia, Palestine

**957 Siberia****958 Afghanistan Turkestan Baluchistan**

- .1 N. E. Afghanistan, Kabul .2 South Afghanistan, Kandahar .3 N. W. Afghanistan, Herat .4 Turkestan .5 Kiva .6 Bokhara .7 Ferghana or Khokan .8 Baluchistan

**959 Farther India**

- .1 British Burma .2 Burma .3 Siam .4 Laos .5 Lower Siam, Malay peninsula .6 Cambodia .7 French Cochin China .8 Anam .9 Tonkin

HISTORY

960 **Africa** (Tentativ table)

This table being published tentatively is not included in index

SUMMARY

- 961 North Africa
- 962 Egypt
- 963 Abyssinia
- 964 Morocco
- 965 Algeria
- 966 North Central Africa
- 967 South Central Africa
- 968 South Africa
- 969 Madagascar and outlying islands

961 North Africa

Barbary, i.e. Morocco, Algeria, Tunis, Tripoli

- .1 **Tunis** 50,000 sq. mi.  
French protectorate 1881
- .2 **Tripoli Libia Italiana** 406,000 sq. mi.  
Annex to Italy 1911  
Tripolitania  
Oasis of Ghadames, Syrtis
- .3 **Fezzan** 156,000 sq. mi.  
Oases of Ghat and Murzuk
- .4 **Cyrenaica or Barka** Bengazi
- .9 **Libyan desert**  
Eastern 3d belongs to Egypt

962 Egypt

Egypt proper, including Libyan desert and Sinai peninsula but excluding Sudan, 350,000 sq. mi. Cultivated and settled area, Nile valley and delta, 12,226 sq. mi.

- .1 **Lower Egypt Masr-el-Bahri Delta**  
Extends beyond Cairo, about 30° N.  
.11 Beheira: Alexandria .12 Gharblya .13 Daqahlyta:  
Damietta .14 Menúffyá .15 Sharqya: Port Said, Ismaila,  
Suez .16 Qalyúbfya: Cairo, Heliopolis
- .2 **Middle Egypt el-Wustani Vostani**  
Extends from Cairo, 30° N., to Assiut, about 27° N.  
.21 Gtza: Gizeh, Memphis .23 Faiyúm .25 Beni-Suéf  
.26 Minya .28 Asyút: Assiut
- .3 **Upper Egypt es-Said**  
Extends from Assiut, 27° N., nearly to Wadi Halfa, 22° N.  
.31 Girga .33 Qena:Dendera, Luxor, Karnak, Thebes  
.36 Aswán: Assuan, Elephantine, First Cataract, Philae

DECIMAL CLASSIFICATION

- 962.4 Anglo-Egyptian Sudan** 1,014,400 sq. mi.  
 Extends from 22° to about 5° N. 15 provinces
- .41 **Nubia Northern provinces**  
 In a broad sense, no strictly defined limits; may be taken to include Nile valley from Assuan, 24° N., to Khartum, 16° N. Here used in more limited sense, including provinces of Halfa, Red Sea and Berber, also 962.5 Dongola
  - .5 **Dongola**
  - .6 **Central provinces**  
 Khartum, White Nile, Blue Nile
  - .7 **West provinces**  
 Including Darfur, under nativ rule
  - .8 **Kordofan Nuba mts**
  - .9 **East and south provinces**  
 Kassala, Sennar, Upper Nile (formerly Fashoda)  
 Bahr-el-Ghazal, Mongalla (including Lado enclave),  
 Sobat-Pibor
- 963 Abyssinia Ethiopia** 350,000 sq. mi.  
 Tigre, Amhara, Shoa
- .5 **Eritrea** 45,800 sq. mi.  
 Massaua or Massowah, Assab
- 964 Morocco French protectorate** 231,500 sq. mi.
- .1
  - .2 **Spanish Morocco The Rif**  
 Cities: Tangier, Ceuta, Tetuan
  - .3 **Fez and the northwest coast**  
 Region west of Atlas mts and south to Wady Oum-er-Rabia  
 Cities: Fez, Rabat, Casablanca
  - .4 **Central region**  
 Atlas mts: Middle Atlas, Great Atlas, Anti-Atlas
  - .5 **Southeast region**  
 Beyond the Atlas mts
  - .6 **Morocco and southwest coast Marakesh**  
 Region south of Wady Oum-er-Rabia  
 Cities: Morocco, Mogador, Agadir
  - .7
  - .8 **Rio de Oro Adrar Ifni (Spanish)**
  - .9 **Canary Ilands (Spanish)**  
 Geografically better here than in 946.8  
 .91 Tenerif .92 Grand Canary .93 Palma .94 Gomera  
 .95 Hierro or Ferro .96 Fuerteventura .97 Lanzarote
- 965 Algeria (French)** 222,180 sq. mi.  
 Northern Algeria includes the 3 departments, Oran, Alger, Constantine
- .1 **Oran**
  - .3 **Alger**
  - .5 **Constantine**
  - .7 **Southern Algeria**  
 4 territories: Ain Sefra, Ghardaia, Touggout, Saharan oases (Tuat, Gurara, Tidikeit)

HISTORY

966 North Central Africa European West Africa

SUMMARY

- .1 French West Africa Sahara
- .2 Sudan
- .3 Senegambia Senegal
- .4 Sierra Leone
- .5 Upper Guinea
- .6 Liberia Ivory Coast
- .7 Gold Coast Ashanti
- .8 Dahomey Togo
- .9 Nigeria
  
- .1 **French West Africa Sahara**  
 French West Africa includes colonies: 966.12 Mauritania, 966.2 French Sudan, 966.25 Upper Volta Colony, 966.26 Military Territory of Niger, 966.3 Senegal, 966.52 French Guinea, 966.68 Ivory Coast, 966.8 Dahomey
- .11 **Sahara (French)**  
 In broad sense all northern Africa from Atlas mts to the Sudan, about 3,500,000 sq. mi. This includes parts of Morocco, Algiers, Tunis and Egypt. French Sahara is estimated at about 1,500,000 sq. mi.
- .12 **Mauritania** 344,967 sq. mi.
- .15 **El Hodh**
- .17 **Azaouad**
- .2 **Sudan (French) Upper Senegal-Niger** 617,600 sq. mi.
- .21 **River Niger**
- .22 **Northwest region**  
 Kaarta, Bakhunu, Sahel
- .23 **Southwest region**  
 Segu, Kenedugu, Bembas State
- .24 **Central region**  
 Massina, Timbuktu, Lakes
- .25 **Upper Volta** 154,400 sq. mi.  
 Mossi, Gurma
- .26 **Military Territory of Niger** 347,400 sq. mi.
- .27 **Southwest region**  
 Chegazar, Immanang
- .28 **North region**  
 Air or Asben
- .3 **Senegambia Senegal (French)** 74,112 sq. mi.  
 Senegambia, region between rivers Senegal and Gambia and sometimes including French Guinea; name now disused. Senegal now used for northern portion, including Casamance basin; includes both colony and protectorate
- .31 **North coast region**  
 Walo, St Louis
- .32 **Central coast region**  
 Cayor, Baol, Sine, Salum, Cape Verde, Dakar, Rufisque, Gorée
- .33 **South coast**
- .34 **Basin of the Casamance**
- .35 **Central region**  
 Jolof, Ferlo
- .36 **Northeast region**  
 Fouta, Bondu
- .37 **Southeast region**  
 Bambuk, River Falemé

DECIMAL CLASSIFICATION

- 966.4 Sierra Leone, colony and protectorate (British) 31,000 sq. mi.**
- .41 Sierra Leone colony 4000 sq. mi.  
North section, north of Sherbro Iland Freetown
  - .42 South section Sherbro Iland Turner's peninsula
  - .43 Protectorate
  - .44 Karene
  - .45 Koinadugu
  - .46 Ronietta
  - .47 Railway
  - .48 Southern Sherbro
  - .5 Upper Guinea**  
Part north of Gulf of Guinea is known as Upper Guinea; includes broadly: 966.3 Senegal, 966.4 Sierra Leone, 966.5 English, French and Portuguese Guinea, 966.6 Liberia, Ivory Coast, 966.7 Gold Coast, 966.8 Dahomey, Togoland, 966.9 Nigeria
  - .51 Gambia English Guinea 4130 sq. mi.
  - .52 French Guinea 95,218 sq. mi.
  - .53 Coast region Rivières du Sud Konakry
  - .54 Central region Fouta Jallon  
Timbo, Labé, Tuba
  - .55 Northeast region Sankaran  
Dinguiray, Sigui, Kurussa, Kankan
  - .56 South region  
Kissidugu, Beyla, Bissandugu
  - .57 Portuguese Guinea 13,940 sq. mi.
  - .579 Bissagos ilands
  - .58 Cape Verde ilands
  - .6 Liberia 40,000 sq. mi. Grain Coast**  
Grain Coast divided between Liberia and 966.4 Sierra Leone
  - .61 Montserrado  
Gondo, Toma, Bouzie, Barlin
  - .62 Coast region Robertsport, Monrovia
  - .63 Grand Bassa Gurra, Sapo
  - .64
  - .65 Sino Wau, Kru coast
  - .66
  - .67 Maryland Cape Palmas
  - .68 Ivory Coast (French) 121,976 sq. mi.**
  - .681 Coast region Grand Bassam, Assinie, Bingerville
  - .683 Central region Baule, Bakwe
  - .685 Northwest hinterland
  - .687 Northeast hinterland Ganne, Kong



## HISTORY

- 966.7 Gold Coast colony (British)** 80,000 sq. mi.  
*Areas do not include parts of Togoland assigned by treaty to Great Britain*
- .71 Gold Coast colony proper 24,200 sq. mi.
  - .72 Western province Central province
  - .73 Eastern province
  - .74 Ashanti 20,000 sq. mi.
  - .75 Southern province Central province Coomassie
  - .76 Western province Northern province
  - .77 Northern territories 35,800 sq. mi.
  - .78 Southern province  
*Kintampo district, Gongga district, Salaga*
  - .79 Northwestern province Black Volta district Wa  
 Northeastern province White Volta district Gambaga
  - .8 **Dahomey (French)** 42,460 sq. mi.
  - .81 Togoland  
*Former German possession now divided between 966.7 Gold Coast (British) and Dahomey*
  - .82 Lower Dahomey
  - .83 Coast region Slave Coast  
*Grand Popo, Kotonu, Porto-Novo*
  - .86 Upper Dahomey
  - .87 Borgu
  - .9 **Nigeria (British)** 332,000 sq. mi.
  - .91 Southern Nigeria
  - .92 Western province Yoruba Lagos protectorate  
*The colony, Abeokuta, Ijebu, Oyo, Ondo*
  - .93 Central province  
*Benin, Onitsha, Warri, Niger delta, Oil Rivers*
  - .94 Eastern province  
*Owerri, Ogoja, Calabar, Cameroon South*
  - .95 Northern Nigeria
  - .96 West region  
*Sokoto, Kontagora, Borgu, Nupe, Niger, Ilorin, Kabba*
  - .97 Central region  
*Kano, Zaria Nassawara, Munshi, Bassa*
  - .98 East region  
*Bornu, Bauchi, Yola, Muri, Cameroon North*
  - .99 Islands of the Gulf of Guinea
  - .991 Fernando Po (Spanish)
  - .993 Principe Prince's island (Portuguese)
  - .994 São Thomé St Thomas (Portuguese)
  - .996 Annobon (Spanish)

## 967 South Central Africa

## SUMMARY

- .1 Lower Guinea Cameroon
- .2 French Equatorial Africa French Kongo Loango
- .3 Angola Portuguese West Africa
- .4 Interior Ubangi-Shari Chad
- .5 Belgian Kongo
- .6 British East Africa
- .7 Somaliland
- .8 Zanzibar Tanganyika territory
- .9 Mozambique Portuguese East Africa

**.1 Lower Guinea**

Southern or Lower Guinea comprises coasts of 967.21 Gabun, 967.3 Angola, and may include coast of Cameroon, which occupies a middle position between Upper and Lower Guinea

- .11 Cameroon [Kamerun] (French) 166,489 sq. mi.  
General number for former German Kamerun, larger portion of which was assigned to France
- .12 Coast region Jang, Yabasi, Duala, Edea, Kribi
- .13 Southwest region Ebolowa, Wolo Ntem, Ivindo
- .14 Southeast region Lomie, Yukaduma
- .15 Central region Bamun, Yaunde, Dume
- .16 Adamawa Banyo, Ngaundere
- .17 Garua Upper Logone
- .18 Spanish Guinea Rio Muni
- .19 Spanish islands

Alternativ place for Fernando Po see 966.991, and Annobon see 966.996

**.2 French Equatorial Africa French Kongo Loango**

French Equatorial Africa includes 967.11 Cameroon, and 967.4 Ubangi-Shari and Chad Military Territory

- .21 Gabun 121,862 sq. mi.
- .22 Coast region Libreville
- .23 East region Franceville, Lastourville
- .24 Middle Kongo 150,292 sq. mi.
- .25 West region  
Loango, Bakunyi, Bwensa
- .26 South central region  
Bacongo, Bjwe, Pool (Brazzaville), Bateko, Alima, Kwiyu
- .27 North central region  
Mossaka, Bakota, Bokiba, Lower Sanga, Likwala
- .28 North region  
Benga Motaba, Middle Sanga, Upper Sanga

## HISTORY

- 967.3 Angola Portuguese West Africa 484,800 sq. mi.**
- .31 Kongo Kabinda
  - .32 Loanda Shinga's country  
Guanza-Norte, Guanza-Sul
  - .33 Benguela
  - .34
  - .35 Mossamedes
  - .36 Lunda
  - .37 Huila Gambos, Kamba, Mulondo
  - .38 Cubango
  - .39 Portuguese ilands  
Alternativ place for Principe see 966.993, and São Thomé see 966.994
- .4 Interior**
- .41 Ubangi-Shari (French) 208,219 sq. mi.
  - .42 East region Banda
  - .43 Chad Military Territory (French) 501,676 sq. mi.
  - .44 Southwest region Bagirmi
  - .45 Southeast region Wadai
  - .46 Central region Lake Chad Kanem
  - .47 Northeast region Borku
  - .48 Northwest region Teda or Tibba
  - .49 North region Tibesti or Tu
- .5 Belgian Kongo Free State Kongo basin 909,654 sq. mi.**
- .51 Kongo-Kasai province  
Lower Kongo Boma Bakongo Middle Kongo Leopoldville
  - .52 Kwango Kasai Sankuru
  - .53 Equator province  
Lake Leopold II, Equator
  - .54 Lulonga Bangala Ubangi
  - .55 Eastern province  
Lower Uele, Upper Uele, Ituri, Stanleyville
  - .56 Aruwimi Lowa Uregga Maniema Kasongo
  - .57 Kivu Ruanda Urundi
  - .58 Katanga province  
Lomami, Tanganyika-Moero, Urua
  - .59 Lulua Upper Luapula

DECIMAL CLASSIFICATION

- 967.6 British East Africa Kenya colony and protectorate**  
 British East Africa includes 967.61 Uganda protectorate, 967.62-69 Kenya colony and protectorate, 967.81 Zanzibar, 967.82-89 Tanganyika territory  
 Clas here general works on whole of British East Africa and those on Kenya colony and protectorate alone
- .61 Uganda protectorate 110,300 sq. mi.
  - .611 Buganda province  
Masaka, Mubendi, Mengo, Entebbe including islands in Victoria Nyanza
  - .612 Victoria Nyanza
  - .613 Western province  
Kigezi, Ankoli, Toro
  - .614 Albert Nyanza
  - .615 Eastern province  
Busoga, Bukedi, Teso, Lango, Lobot, Karamojo
  - .616 Northern province  
Bunyoro, West Nile, Gulu, Chua
  - .617 Rudolf province  
Turkwel, Turkana, Dabossa
  - .618 Lake Rudolf
  - .62-.69 Kenya colony and protectorate 246,822 sq. mi.
  - .62 Nyanza province  
North Kavirondo, Nandi, Kusumu, South Kavirondo, Lumbwa
  - .63 Naivasha province  
Southern Masai Reserve, Naivasha (district), Laikipia, Eldama Ravine, Uasin Gishu, Turkana
  - .64 Kenya province  
Nyeri, Meru, Embu, Fort Hall
  - .65 Ukamba province  
Kitui, Kikuyu, Machakos
  - .66 Seyidie province  
Teita, Vanga, Mombasa, Malindi
  - .67 Tanaland province  
Tana River, Lamu
  - .68 Jubaland province  
Afmadu, Kismayu, Serenli
  - .69 Northern Frontier District  
Not yet organized as a province
  - .7 Somaliland
  - .71 French Somali Coast French East Africa 5790 sq. mi.  
Obok, Tajura, Jibuti
  - .72 British Somaliland protectorate 68,000 sq. mi.
  - .728 Sokotra island 1382 sq. mi.
  - .73 Italian Somaliland 139,430 sq. mi.
  - .74 Sultunate of the Mijertins
  - .75 Territory of the Nogal
  - .76 Sultunate of Obbia
  - .77 Southern Italian Somaliland (formerly cald Benadir)  
Medio Shebeli, Basso Shebeli, Alto Shebeli, Alto Juba

HISTORY

- 967.8      **Zanzibar      Tanganyika territory**
- .81          Zanzibar      640 sq. mi.
- .815          Pemba      380 sq. mi.
- .816          Mafia
- .82-.89      **Tanganyika territory      365,000 sq. mi.**  
                  Formerly German East Africa
- .82          North coast  
                  Tanga, Wilhelmstal, Pangani
- .83          Central coast  
                  Bagamoyo, Morogoro, Dar es Salaam
- .84          South coast  
                  Rufiji, Kilwa, Lindi
- .85          South or Lake Nyasa region  
                  Songea, Mahenge, Langenburg
- .86          South central region  
                  Iringa, Dodoma
- .87          North central region  
                  Kondoa-Irangi, Moshi, Arusha
- .88          Lake Victoria region  
                  Mwanza, Bukoba
- .89          West or Lake Tanganyika region  
                  Tabora, Ujiji, Bismarckburg
- .9          **Mozambique      Portuguese East Africa      428,132 sq. mi.**
- .91          Nyasa company      Companhia do Nyasa      Cabo Delgado  
                  Querimba
- .92
- .93          Mozambique (district)
- .94          Quilimane or Kilimane      Zambezi delta
- .95
- .96          Tete      Zambezi basin
- .97          Mozambique company      Companhia de Moçambique  
                  Gazaland, Sofala, Manika
- .98          Inhambane      Hlenga-land
- .99          Lourenço Marques      Delagoa Bay

## 968 South Africa

General number for Union of South Africa 1909, which includes nearly all area in 968.2-.8, with total area of 473,096 sq. mi.

## SUMMARY

- .1 Bechuanaland protectorate
  - .2 Transvaal
  - .3 Zululand Swaziland Amatonga
  - .4 Natal
  - .5 Orange Free State
  - .6 Basutoland Kaffraria
  - .7 Cape of Good Hope
  - .8 South-West Africa protectorate
  - .9 Rhodesia Nyasaland protectorate
- .1 Bechuanaland protectorate** 275,000 sq. mi.
- .11 Northwest region West Bamangwato**  
Use also as general number for Bamangwato tribe, which includes 968.11-.14 Ongova, Okavango, Bangai, Batawana
- .12 Northeast region East Bamangwato Bashona, Batletli**
- .13 North section Madenassa**
- .14 South section Khama's country**
- .15 Linchwe's country Bakatla tribe**
- .16 Sebele's country Bakwena tribe**  
Masarwa, Makalahari
- .17 Bathoen's country Bangwaketse tribe**
- .18 Montsioa's country Barolong tribe**
- .19 Southwest and west region Kalahari desert**  
Kalahari desert in broad sense includes all Bechuanaland protectorate and parts of Cape of Good Hope and South-West Africa protectorate
- .2 Transvaal** 110,450 sq. mi.  
1852 Transvaal State; 1877 annexed by Great Britain; 1884 South African Republic; 1900 annexed again, Transvaal; 1910 an original province of Union of South Africa
- .21 Pretoria (county and city)**
- .22 Witwatersrand Johannesburg Krugersdorp**
- .23 South central counties**  
Heidelberg, Standerton, Bethal
- .24 Southeast counties**  
Wakkerstroom, Piet Retief, Ermelo, Carolina
- .25 East counties**  
Barberton, Lydenburg, Middelburg
- .26 Zoutpansberg Pietersburg**
- .27 Waterberg**
- .28 Rustenburg Marico**
- .29 Southwest counties**  
Lichtenburg, Potchefstroom, Wolmaransstad, Bloemhof

## HISTORY

- 968.3 Zululand Swaziland Amatonga**  
Zululand annex to Natal 1897. 10,424 sq. mi.
- .31 East region  
Ndwandwe, Hlabisa, Mahlabatini, Emtonjaneni, Umfolozi
- .32 West region  
Eahowe, Umlalazi, Mtunzini, Nkandhla, Nqutu
- .33
- .34 Swaziland 6678 sq. mi.
- .35 North region Mountains  
Peak, Mbabane
- .36 South region  
Ubombo, Mankaiana, Hlatikulu
- .37 Amatonga  
Annex to Zululand 1897
- .38 North region  
Ingwavuma, Tongaland, Maputa
- .39 South region Ubombo
- .4 Natal 35,284 sq. mi. (including Zululand 10,424 sq. mi.)
- .41 Northern districts  
Annex from Transvaal to Natal 1903  
Vryheid; Ngotshe, Vryheid (district), Babanango  
Utrecht; Paulpietersburg, Utrecht (district)
- .42 Klip River division  
Newcastle, Dundee, Klip River (district), Umsinga, Helpmakaar, Impofana
- .43 Weenen division  
Bergville, Upper Tugela, Estcourt, Weenen (district)
- .44 Umvoti division  
Krantzkop, Umvoti (district), Mapumulo
- .45 Pietermaritzburg division  
Lions River, Howick, Impendhle, Underberg, Ipolela, Ixopo, New Hanover.  
Indwedwe, Umgeni, Umkomanzi, Richmond, Camperdown
- .46 Victoria; Lower Tugela, Inanda
- .47 Durban Umluzi
- .48 Alexandra
- .49 Alfred; Alfred (district), Lower Umzimkulu

DECIMAL CLASSIFICATION

- 968.5 Orange Free State** 50,389 sq. mi.  
 Orange River Colony 1900-1910
- .51 Central region Bloemfontein (county and city)
  - .52 West region
    - Fauresmith, Jacobsdal
  - .53 Northwest region
    - Boshof, Hoopstad
  - .54 North region
    - Kroonstad, Vredefort, Heilbron, Lindley, Frankfort
  - .55 Northeast region
    - Vrede, Harrismith, Bethlehem
  - .56 Upper east region
    - Senekal, Winburg
  - .57 Lower east region
    - Ficksburg, Ladybrand, Thabanchu
  - .58 Southeast region
    - Wepener, Rouxville, Smithfield
  - .59 Southwest region
    - Edenburg, Bethulie, Philippolis
  - .6 **Basutoland Kaffraria**
    - Kaffraria, east of Kei river; formerly independent nativ kingdom; annex to Cape of Good Hope 1875, and now incorporated as 968.63 Griqualand East, 968.64 Pondoland, 968.65 Tembuland, 968.67 Transkei
  - .61 Basutoland 11,716 sq. mi.
    - Drakensberg mts form east boundary
  - .62
  - .63 Griqualand East 6602 sq. mi.
    - Includes most of region formerly cald Noman'a-land aud afterwards named Adam Kok's Land
    - .631 Matatiele .632 Mount Currie .633 Umzimkulu .634 Mount Ayliff .635 Mount Frere .636 Mount Fletcher .637 Qumbu .638 Maclear .639 Tsolo
  - .64 Pondoland 3906 sq. mi.
    - British protectorate proclaimed 1885, annex to Cape of Good Hope 1894
    - .641 East Pondoland .642 Bizana .643 Flagstaff .644 Tabankulu .645 Lusikisiki, Umsikaba .646 Port St John's .647 West Pondoland .648 Libode .649 Ngqeleni
  - .65 Tembuland 3339 sq. mi.
    - Annex to Cape of Good Hope 1885
    - .651 Elliot .652 Slang River .653 Xalanga .654 St Mark's .655 Engcobo .656 Umtata .657 Bomvanaland .658 Mqanduli .659 Elliotdale
  - .66
  - .67 Transkei 2504 sq. mi.
    - Annex to Cape of Good Hope 1879
    - .671 Gealeka or Galekaland .672 Willowvale .673 Kentani .674 Fingoland .675 Butterworth .676 Idutywa .677 Nqamaqwe .678 Tsomo



HISTORY

- 968.7 **Cape of Good Hope** 276,966 sq. mi. Colony proper 208,661 sq. mi.  
 Founded by Dutch 1652, taken by English 1795, returned 1803, taken again  
 1806, formally ceded 1814
- .71 **Western province**  
 .711 Cape Town (county) .712 Cape Town (city) .713  
 Simon's Town .714 Wynberg .715 Woodstock .718  
 Stellenbosch .719 Paarl
- .72 **Northwest province**  
 .721 Tulbagh .722 Worcester .723 Ceres .724 Malmesbury  
 .725 Piquetberg .726 Clanwilliam .727 Calvinia .728 Van  
 Rhynsdorp .729 Namaqualand
- .73 **Southwest province**  
 .731 Caledon .732 Bredasdorp .733 Robertson .734 Swel-  
 lendam .735 Riversdale .736 Ladismith .737 Oudtshoorn  
 .738 Mossel Bay .7385 George .739 Uniondale .7395  
 Knysna
- .74 **Midland province**  
 .741 Beaufort West .742 Prince Albert .7425 Laingsburg  
 .743 Aberdeen .7435 Murraysburg .744 Graaff Reinet .745  
 Fraserburg .7455 Sutherland .746 Victoria West .7465  
 Carnarvon .747 Kenhardt .7475 Prieska .748 Hopetown  
 .749 Britstown .7495 Richmond
- .75 **Southeast province**  
 .751 Humansdorp .752 Willowmore .753 Jansenville .7535  
 Steytlerville .754 Uitenhage .755 Port Elizabeth .756  
 Alexandria .757 Albany, Grahamstown .758 Bathurst  
 .759 Peddie .7595 Victoria East
- .76 **Northeast province**  
 .761 Fort Beaufort .7615 Stockenstrom .762 Somerset East  
 .763 Bedford .764 Cradock .765 Tarka .766 Middel-  
 burg .7665 Steynsburg .767 Hanover .7675 Philipstown  
 .768 Colesberg .769 Albert .7695 Molteno
- .77 **Eastern province**  
 .771 Aliwal North .772 Herschel .773 Barkly East .774  
 Wodehouse .775 Glen Grey .776 Queenstown .777 Cath-  
 cart .7775 Stutterheim .778 King William's Town .7785  
 Komgha .779 East London
- .8 **South-west Africa protectorate** 322,400 sq. mi.  
 Formerly German West Africa
- .81 **Great Namaqualand**  
 .82 Luderitz Land, Luderitz Bay, Angra Pequena .825 Warmbad  
 .83 Bethany .833 Keetmanshoop .838 Hasuur .84 Gibeon  
 .845 Maltahöhe
- .85 **Damara-land or Herero-land**  
 .851 Swakopmund .852 Walfish or Walvis Bay .853 Reho-  
 both .854 Windhoek .855 Gobabis .856 Okahandya .857  
 Karibib .858 Omaruru
- .86 **Ovambo or Ovampo-land or Aajamba**  
 .87 Outjo, Kaoko-land .88 Ambo-land .89 Grootfontein

DECIMAL CLASSIFICATION

- 968.9** **Rhodesia** 440,000 sq. mi. **Nyasaland protectorate**  
 British South Africa Company charter 1889
- .91** **Southern Rhodesia** 149,000 sq. mi.
- .92** **Matabele-land**  
 .921 Gwanda (including the former district of Tuli) .922  
 Bulalima-Mangwe .9228 Tati district .923 Bulawayo  
 .924 Matopo .9245 Umzingwane .925 Insiza .9255  
 Belingwe .926 Nyamandhlovu .9265 Bubi .927 Gwelo  
 .9275 Selukwe .928 Wankie .929 Sebungwe
- .93** **Mashonaland**  
 .931 Chibi (formerly Mtibi) .932 Victoria .9323 Ndanga  
 .9327 Melsetter .933 Chilimanzi .9335 Gutu .934  
 Charter .9345 Umtali .935 Hartley .9355 Marandellas  
 .936 Makoni .9365 Inyanga .937 Salisbury .9374  
 Mrewa .9377 Mtoko .938 Mazoe .9385 Darwin  
 .939 Lomagundi
- .94** **Northern Rhodesia** 291,000 sq. mi.  
 Amalgamation of North-Eastern and North-Western Rhodesia 1911
- .95** **North-Western Rhodesia**
- .951** **Barotse or Mabunda Monkoya or Mankoya**
- .952**
- .953** **Batoka Batonga**
- .954**
- .955** **Kafue Mashukulumbwe Walenje**
- .956** **Kasempa Bakwakwa or Bakakwakwa**
- .957**
- .958** **Loangwa**  
 1 North region Bakonde  
 5 Walamba
- .959** South region Zumbo  
 1 Aluano  
 5 Chicunda or Chikunda
- .96** **North-Eastern Rhodesia**
- .961** **Mwera or Mrewa Luapula or Mere-Mere Wausi**  
 Lake Mweru, Moero or Meru Waitawa, Walundi, Wakisinga
- .962**
- .963** **Tanganyika**  
 Alungu or Ulungu, Amambwe or Mambwe, North Loangwa (a former  
 district which included parts of Tanganyika and Awemba)
- .964**
- .965** **Awemba**  
 Wasenga, Watwa, Awisa, Lake Bangweulu, Bangweolo or Bemba
- .966**
- .967** **Serenje (formerly West Loangwa)**
- .968** **East Loangwa or Luangwa**  
 Awisa, Achewa or Ackewa, Asenga
- .97** **Nyasaland protectorate** 39,573 sq. mi.  
 British Central Africa protectorate 1891-1907
- .971** North Nyasa **.972** West Nyasa **.9725** Mombera  
**.973** Marimba **.974** Central Angoniland **.9741** Lilongwe  
**.9745** Dedza **.975** South Nyasa **.976** Upper Shire **.9765**  
 Liwonde **.977** West Shire **.9775** Zomba **.978** Blantyre  
**.9785** Mlanje or Milanji **.979** Ruo **.9795** Lower Shire

## 969 Madagascar and islands of South Indian Ocean

- .1 **Madagascar (French)** 228,000 sq. mi.
- .2
- .3
- .4 **Islands north of Madagascar**
- .41 Comoro: Mayotte or Mauté, Anjouan or Johanna,  
Great Comoro, Moheli or Moali (French)
- .42 Aldabra (British)
- .43 Cosmoledos (British)
- .44 Gloriosa (French)
- .45 Providence (British)
- .46 Farquhar (British)
- .47 Agelaga (British)
- .5 **Amirantes or Admiral's (British)**
- .6 **Seychelles (British)**  
29 îlets: Mahé, Praslin, Silhouette
- .7 **Chagos (British)**  
Grand Chagos or Diego Garcia, Peros Banhos, Solomon, Danger, Egmont, Three  
Brothers or Trois Frères
- .8 **Mascarenes and islands east of Madagascar**
- .81 Reunion or Bourbon (French)
- .82 Mauritius or Île de France (British)
- .83 Rodriguez (British)
- .84 Cargados Garayos, St Brandon or Nazareth (British):  
Albatross, <sup>r</sup>Coco, Tromelin
- .9 **Isolated islands**
- .91 Amsterdam
- .92 Saint Paul
- .93 Kerguelen

DECIMAL CLASSIFICATION

970 North America

- .1 Indians, aborigines .2 Lives of Indians .3 Special tribes  
 .4 Special states .5 Government relation and treatment .6 Special subjects: character, civilization, agriculture, etc.

See 371.975 Education; 572.97 Ethnology; 497 Languages

971 Canada British America

General works on Canada under British rule

For histories of special periods see 971.01-.054; of special provinces see 971.1-.9

For constitutional history see 342.71

Period subdivisions

For works not limited to any of the territorial subdivisions .1-.9 but dealing with a limited period

Class archives with their periods and segregate them if wish by booknumbers that will automatically locate them ahead of other histories having the same class number: e.g. A1-A9 if Cutter numbers are used for other works; Aa-Az if Cutter-Sanborn numbers are used

- .01 **French regime 1497-1763**  
 From earliest time till cession to England
- .011 **Discovery and early settlement 1497-1632**  
 Early explorations along Atlantic seaboard 1497-1533. Discovery and occupation of St Lawrence 1534-43. Rise of fur trade 1544-1612. Permanent colonization 1613-32
- .016 **Extension of English rule 1632-1763**  
 Treaty of St Germain-en-Laye 20 Mar. 1632
- .018 **Struggle with England for supremacy**  
 Peace of Utrecht 1713-Peace of Paris 1763. Seven years war 1755-63; in United States cald French and Indian war. British supremacy dates actually from fall of Quebec, 1759; formally from peace of Paris, 10 Feb. 1763
- .02 **End of 7 years war to constitutional act 1791**  
 Conspiracy of Pontiac 1763-64  
 Quebec act 1774
- .024 **American revolution United Empire loyalists**  
 Canadian libraries will class here United Empire loyalists, but works on the revolution 1775-83 are better put in 973.3
- .03 **1792 to Union act 1841**  
 See also 971.3 Ontario and 971.4 Quebec
- .034 **War of 1812**  
 1812-15 In United States cald also 2d war for independence  
 Better clast in 973.52 (United States history)
- .038 **Rebellion 1837-38**
- .039 **Union act 10 Feb. 1840**  
 Passage of Union act, closing the period under the Constitutional act. See also constitutional history, 342.719
- .04 **Union 1841 to Confederation 1867**  
 Beginning with operation of Union act; Canadian parliament at Ottawa 13 June 1841. Class clergy reservs agitation in 971.3 Ontario; abolition of seigniories in 971.4 Quebec
- .048 **Fenian invasions**
- .049 **British North America act, 29 March 1867**
- .05 **Dominion of Canada 1867-**  
 Canada under British North America act
- .051 **Red river (Riel's 1st) rebellion 1870**
- .054 **Northwest (Riel's 2d) rebellion 1885**

## HISTORY

### Geografic divisions

- 971.1 **British Columbia**
- .2 **Northwest Territories**
  - Including former Hudson Bay territory
- .21 **Yukon**
  - Klondike region      Dawson (city)
- .22 **Mackenzie**
- .23 **Alberta**
- .24 **Saskatchewan**
- .26 **Keewatin**
- .27 **Manitoba**
- .28 **Ungava**
- .29 **Franklin**
  - See also 998 Arctic region
- .3 **Ontario**
  - For St Lawrence river see 971.4
  - Formerly also Upper Canada or Canada West
  - See also 971.4 note Class here Clergy reservs
- .31 **Northwestern**
  - North shore of Lake Superior and Lake Huron; Georgian bay
- .311 **Rainy River district**
  - Lake of the Woods      Rainy lake
- .312 **Thunder Bay district**
  - 5 *Fort William*
- .313 **Algoma district**
  - Sault Ste Marie
  - 5 **Manitoulin island**
- .314 **Nipissing district**
- .315 **Parry Sound      Maganetawan districts**
- .316 **Muskoka      Lake of Bays district**
- .317 **Simcoe**
- .318 **Grey      Owen Sound (or Sydenham)**
- .32 **Western**
  - East shore of Lake Huron
- .321 **Bruce**
- .322 **Huron**
- .323 **Perth**
- .324
- .325 **Middlesex**
- .326 *London (city)*
- .327 **Lambton**
- .33 **Southwestern**
  - North shore of Lake Erie
- .331 **Essex**
- .332 *Windsor (city)*
- .333 **Kent**
- .334 **Elgin**
- .335 *St Thomas (city)*
- .336 **Norfolk**
- .337 **Haldimand**
- .338 **Welland**

DECIMAL CLASSIFICATION

- 971-34      **West central**
- .341      Dufferin
- .342      Wellington
- .343      *Guelph* (city)
- .344      Waterloo
- .345      *Berlin* (city)
- .346      Oxford
- .347      Brant
- .348      *Brantford* (city)
- 971-35      **Southern**
- West and North shore of Lake Ontario
- .351      Lincoln
- St Catherines* (city)
- .352      Wentworth
- Hamilton* (city)
- .353      Halton    Peel
- .354      York
- I      *Toronto* (city)
- .355      Ontario
- .356      Durham
- .357      Northumberland
- .358      Hastings
- 7      Prince Edward
- .359      Lennox and Addington
- .36      **Central**
- .361      Haliburton
- .362
- .363
- .364      Victoria
- .365
- .366
- .367      Peterborough
- .368      *Peterborough* (city)
- .369
- .37      **Southeastern**
- St Lawrence river counties
- .371      Frontenac
- .372      *Kingston* (city)
- .373      Leeds
- Rideau lakes and canal
- .374      Grenville
- .375      Dundas
- .376      Stormont
- .377      Glengarry
- .378
- .379
- .38      **Northeastern**
- Ottawa river counties
- .381      Renfrew
- .382      Lanark
- .383      Carleton
- .384      *Ottawa* (city)
- .385      Russell
- .386      Prescott

## HISTORY

### 971.4 Quebec St Lawrence river

#### Lower Canada or Canada East

From its cession by France to England in 1763 all Canada was one colony, the Province of Quebec, till 1791. In 1791 it was divided by the constitutional act into 2 provinces: Upper Canada (Ontario) and Lower Canada (Quebec). By the union act, 1840, the 2 provinces were reunited as the Province of Canada; union in 1867 by the British North America act again divided into the provinces of Ontario and Quebec. Quebec is from Caudebec (Normandy), home of many of its early settlers.

- 41 Northern**
- .411 Mistassini
- .412 Abitibi
- .414 Lake St John
- .416 Chicoutimi
- .417 Saguenay Anticosti island
- 419 Ashuanipi
- 42 Western Ottawa river counties**
- .421 Pontiac
- .422 Ottawa (former county)
- 1 Wright
- 2 Hull (city)
- 5 Labelle
- .423 Argenteuil
- .424 Terre Bonne
- .425 Two Mountains
- .426 Vaudreuil
- 5 Soulanges
- .427 Laval
- .428 Hochelaga
- 1 Montreal (city)
- 5 Jacques Cartier
- 43 Southwestern South of the St Lawrence and west of Richelieu river**
- .431 Huntingdon
- .432 Beauharnois
- .433 Chateaugay
- .434 La Prairie
- .435 Napierville
- .436 Verchères
- .437 Chambly
- .438 St Johns
- 44 North central North of St Lawrence from Montreal to Saguenay river**
- .441 Montcalm
- 6 L'Assomption
- .442 Joliette
- .443 Berthier
- .444 Maskinonge
- .445 St Maurice
- .446 Champlain
- 6 Portneuf
- .447 Quebec
- 1 Quebec (city)
- .448 Montmorency
- Île d'Orléan
- .449 Charlevoix

DECIMAL CLASSIFICATION

- 971.45 South Central**  
 Counties south of St Lawrence from Richelieu river to Quebec
- .451 Richelieu
  - .452 St Hyacinthe
  - 5 Bagot
  - .453 Rouville
  - .454 Yamaska
  - .455 Nicolet
  - .456 Drummond
  - 5 Arthabaska
  - .457 Wolfe
  - 5 Megantic
  - .458 Lotbinière
  - .459 Levis
  - .46 **Southern**  
 Southern border from Richelieu river to Lake Megantic
  - .461 Iberville
  - .462 Missisquoi
  - .463 Shefford
  - .464 Brome
  - .465 Richmond
  - .466 Sherbrooke  
*Sherbrooke (city)*
  - .467 Stanstead
  - .468 Compton
  - .469 Lake Megantic
  - .47 **Southeastern**  
 Lower St Lawrence, southern side from Quebec to Gulf of St Lawrence
  - .471 Beauce
  - .472 Dorchester
  - .473 Bellechasse
  - 5 Montmagny
  - .474 L'Islet
  - .475 Kamouraska
  - .476 Temiscouata
  - .477 Rimouski
  - 5 Matane
  - .478 Bonaventure
  - .479 Gaspé
  - 7 Magdalen islands
- .5 New Brunswick**
- .51 **Northern**
  - .511 Restigouche
  - .512 Gloucester
  - .52 **Eastern**
  - .521 Northumberland
  - .522 Kent
  - .523 Westmoreland  
*Monckton (city)*



## HISTORY

- 971-53     **Southern**
- .531     Albert
- .532     St John
- St John (city)*
- .533     Charlotte
- Grand Manan island
- .54     **Central**
- .541     Kings
- .542     Queens
- .543     Sunbury
- .55     **Western**
- .551     York
- Fredericton (city)*
- .552     Carleton
- .553     Victoria
- .554     Madawaska
- .6     **Nova Scotia**
- .61     **Northern**
- .611     Cumberland
- .612     Colchester
- .613     Pictou
- .614     Antigonish
- .62     **Southern**
- .621     Guysborough
- .622     Halifax co. and city
- .623     Lunenburg
- .624     Queens
- .625     Shelburne
- .63     **Western**
- .631     Yarmouth
- .632     Digby
- .633     Annapolis
- .634     Kings
- .635     Hants
- .69     Cape Breton (island)
- .691     Inverness
- .693     Victoria
- .695     Cape Breton
- .696     *Sydney (city)*
- .698     Richmond
- .7     **Prince Edward Island**
- .71     Prince
- .74     Queens
- .75     *Charlottetown (city)*
- .77     Kings
- .8     **Newfoundland**
- .9     **Labrador**
- For Moravian missions see 266.40

DECIMAL CLASSIFICATION

- 973.18 French**  
 Giovanni da Verrazano 1524  
 Jacques Cartier 1534-44 Canada  
 Jean Ribault 1562-65 Florida  
 René de Laudonnière 1564-66 Florida  
 Samuel de Champlain 1603-35 See also 971 History of Canada
- .19 Other nations**
- .2 Colonial period 1607-1775**  
 See also histories of separate colonies
- .21 Virginia settlement 1607-20**  
 Settlement of Jamestown 13 May 1607 See 975.5 Virginia history  
 Hudson's voyage 1609 See also 974.7 N. Y. history  
*James 1 1603-26*
- .22 New England settlement 1620-43**  
 Settlement of Plymouth 21 Dec. 1620 See 974.4 Mass. history  
 Pequot war 1636-37 Connecticut  
*Charles 1 1626-49*
- .23 New England confederacy 1643-64**  
 United colonies of New England 19 May 1643  
*Commonwealth 1649-53  
 Oliver Cromwell 1653-58  
 Richard Cromwell 1658-59*
- .24 Conquest of New Netherland 1664-89**  
 King Philip's war 1675-76 Massachusetts  
 War with eastern indians 1675-78 Maine  
 Sir Edmund Andros, governor of New England 1686-89  
*Charles 2 1680-88  
 James 2 1686-88*
- .25 Early French wars 1689-1732**  
 Witchcraft in New England See 133.4  
 King William's war 1689-97  
 Sometimes called in Europe 'War of the Palatinate'  
 Queen Anne's war 1702-13  
 Known in Europe as War of the Spanish succession  
*William 3 1689-1702  
 Anne 1702-14  
 George 1 1714-27*
- .26 Extension of English rule 1732-63**  
 Settlement of Georgia 1732 See 975.8 Georgia history  
 King George's war 1744-48  
 Known in Europe as War of the Austrian succession  
 Albany convention assembled 19 June 1754  
 French and indian war 1755-63  
 Known in Europe as Seven years war  
 Braddock's defeat 9 July 1755  
 Crown Point and Ticonderoga 1758-59  
 Capture of Louisburg 27 July 1758  
 Capture of Quebec 18 Sep. 1759; Montcalm and Wolfe  
 Peace of Paris 10 Feb. 1763  
*George 2 1757-60*
- .27 Last years of the colonies 1763-75**  
 See also specially 973.311 Causes of the Revolution  
 Conspiracy of Pontiac 1763-64  
 Bouquet's expedition 1763-64  
 Lord Dunmore's war Ap.-Oct. 1774 Virginia  
*George 3 1760-1820*

HISTORY: UNITED STATES

973.3 Revolution and confederation

1775-89

SUMMARY OF 973.3

- .31 Political history
  - .32 Diplomatic history
  - .33 Special campaigns and battles
  - .34 General military history
  - .35 Naval history
  - .36 Celebrations
  - .37 Prisons, hospitals
  - .38 Personal narrative
  - .39 Illustrativ material
- .31 Political history; causes, results
    - For financial history see 336.73
  - .311 Causes
    - 1 Stamp act 1765
    - 2 Navigation acts; mercantil policy
      - Burning of the Gaspé 17 June 1772
    - 3 Boston massacre 5 Mar. 1770
    - 4 Taxation and representation
    - 5 Tax on tea 1767 Boston tea party 16 Dec. 1773
    - 6 Boston port bill 1774
  - .312 Political history 1775-83
    - Continental congress See 328.73 U. S. legislativ bodies
  - .313 Declaration of independence 4 July 1776 See also 973.361
    - Mecklenburg declaration 20 May 1775
  - .314 Loyalists, tories See also 973.381 Treason and traitors
  - .315 Relations of special classes to the Revolution
    - Clergy and churches
    - Lawyers
    - College graduates
  - .316
  - .317 Treaty of peace 1783
    - Concluded at Paris 3 Sep. 1783; ratified 14 Jan. 1784
  - .318 Confederation 1783-89
    - Shay's rebellion 1786-87 Massachusetts
    - Cession of western territory to United States
  - .319
  - .32 Diplomatic history; relations with other nations
    - Divided like 940; e. g. 973.324 Relations with France; 973.326 Relations with Spain
  - .33 Special campaigns and battles
  - .331 Campaigns of 1775
    - 1 Lexington and Concord 19 April See also 973.362
    - 2 Bunker Hill 17 June See also 973.366
    - 3 Siege of Boston June 1775-March 1776
    - 4 Ticonderoga 10 May
      - Crown Point 12 May
    - 5 Canadian expeditions
      - Montgomery
    - 6 Arnold
    - 7
    - 8 Events in the south

DECIMAL CLASSIFICATION

- 973.332 Campaigns of 1776
- 1 Campaign for the Hudson
  - 2 Battle of Long Island 27 Aug.
  - 3 British occupation of New York
  - 4 American retreat Sep.-Nov. 1776
    - Harlem Heights 16 Sep.
    - White Plains 28 Oct.
    - Fort Washington 16 Nov.
  - 5 Washington in the Jerseys Dec. 1776-Jan. 1777
  - 6 Trenton 26 Dec.  
Princeton 3 Jan. 1777
  - 7
  - 8 Events in the south
    - North Carolina
    - Fort Moultrie, Sullivan's island 28 June
- .333 Campaigns of 1777
- 1 Events in Connecticut and Rhode Island
  - 2 Burgoyne's campaign
    - Ticonderoga evacuated 6 July
    - Hubbardton, Vt 7 July
    - Bennington, Vt 16 Aug.
  - 3 Freeman's farm or Bemis Heights or Stillwater 19 Sep.  
Bemis Heights or Saratoga 7 Oct.  
Burgoyne's surrender 17 Oct.
  - 4 Fort Stanwix or Fort Schuyler or Oriskany 2-22 Aug.
  - 5 Clinton's advance up the Hudson  
Forts Clinton and Montgomery 6 Oct.
  - 6 Howe's campaign
    - Brandywine 11 Sep.
    - Paoli 20 Sep.
  - 7 Philadelphia taken by British 27 Sep.  
Germantown 4 Oct.  
Forts on the Delaware
    - Red Bank, or Fort Mercer 22 Oct.
    - Mud island, or Fort Mifflin 10-16 Nov.
  - 8 Events in south Including Kentucky
- .334 Campaigns of 1778
- 1 Washington at Valley Forge 1777-78
  - 2 Events in middle states
    - Battle of Monmouth 28 June
  - 3 Evacuation of Philadelphia June
  - 4 Indian depredations See also 973.343
    - Wyoming 1-4 July
  - 5 Mohawk valley  
Cherry valley 11 Nov.  
Brant See also 970.2 Indian biography
  - 6 Rhode Island campaign, August See also 973.354 Naval history
  - 7 Events in the south
    - Capture of Savannah 29 Dec.
  - 8 Events in northwest 1778-79
    - Clark's expedition
    - Vincennes, Ind. 2 Jan. and 20 Feb. 1779

HISTORY: UNITED STATES

- 973 335    Campaigns of 1779
- 1    Events in New England
    - Tryon in Connecticut    July
  - 2    Penobscot expedition    Aug. and Sep.
  - 3    Events in middle states
    - Minisink    19 July
  - 4    Wayne at Stony Point    16 July
  - 5    Paulus Hook    19 Aug.
  - 6    Sullivan's expedition    July-Sep.
  - 7    Events in the south
    - Briar creek    3 Mar.
    - Siege of Savannah    23 Sep. and 18 Oct.
  - 8    Events in northwest    See 973.334<sup>8</sup>
- .336    Campaign of 1780
- 1    Southern campaigns
    - Waxhaws, N. C.    29 May
    - Ramsour Mills, N. C.    20 June
    - Leslie's expedition into Virginia    Oct.
  - 2    Siege of Charleston    Mar.-May
  - 3    Camden, S. C.    16 Aug.
  - 4    Kings mountain, S. C.    7 Oct.
  - 5    Events in middle states
    - Springfield, N. J.    23 June
    - Bull's Ferry, N. Y.    21 July
  - 6    Northern invasion
- .337    Campaigns of 1781
- 1    Southern campaigns
  - 2    Events in Carolinas    Jan.-Ap.
    - Cowpens, S. C.    17 Jan.
    - Guilford, N. C.    15 Mar.
    - Hobkirks hill, S. C.    25 Ap.
  - 3    Events in Carolinas    May-Dec.
    - Fort Ninety-Six, S. C.    May-June
    - Eutaw Springs, S. C.    8 Sep.
  - 4    British in Virginia
  - 5    Siege of Yorktown    Sep.-Oct.
  - Surrender of Cornwallis    19 Oct.
  - 6    Events in the north
  - 7    Arnold in Connecticut    Sep.
- .338    Campaigns of 1782
- .339    Events of 1783
  - British evacuation of New York    25 Nov.    See also 973.363

DECIMAL CLASSIFICATION

- 973.34 General military history**
- .341 English side
  - .342 Mercenaries; Hessians
  - .343 Indians
  - .344 American side
    - Part taken by special states, specially the northern states. Under the number for each state use the book numbers A1-A19 for official publications, A2 for lists of revolutionary soldiers
    - 1
    - 2 New Hampshire
    - 3 Vermont Not then a state, admitted 1791
    - 4 Massachusetts
    - 5 Rhode Island
    - 6 Connecticut
    - 7 New York
    - 8 Pennsylvania
    - 9 New Jersey
  - .345 Southern states
    - 1 Delaware
    - 2 Maryland
    - 5 Virginia
    - 6 North Carolina
    - 7 South Carolina
    - 8 Georgia
  - .346 American auxiliaries
  - .347 French
  - .348
  - .349 Special topics
    - Conway cabal 1777-78
    - Mutiny of Pennsylvania line Jan. 1781
    - Newburgh addresses 1782-83
  - .35 Naval history**
  - .351 Events of 1775
    - Capture of the Margarettta June 12
  - .352 Events of 1776
    - Escape of British sloop of war Glasgow 6 Ap.
    - Battle of Lake Champlain 11-13 Oct.
    - Gen. Benedict Arnold
  - .353 Events of 1777
    - Lexington and Alert 20 Sep.
  - .354 Events of 1778
    - French fleet at Newport
  - .355 Events of 1779
    - Bon Homme Richard and the Serapis 23 Sep.
  - .356 Events of 1780
    - Trumbull and Watt 2 June
  - .357 Events of 1781
    - Alliance and British briggs Atalanta and Trepassey 28 May
  - .358 Privateers

HISTORY: UNITED STATES

- 973-36 **Celebrations, anniversaries, commemorations**  
These should usually be class with the special event commemorated, but some anniversaries are of such general character as to be better class here  
For patriotic societies commemorating the revolution see 369.13
- .361 Fourth of July See also 973.313  
.362 19th of April See also 973.3311  
.363 Evacuation day, New York See also 973.339  
.364  
.365 **Monuments, memorials** See also 718  
.366 Bunker Hill monument See also 973.3312  
.367 Washington's various headquarters  
Newburgh, N. Y.  
Morristown, N. J.
- .37 **Prisons, hospitals, etc.**  
.371 English prisons  
1 Jersey prison ship  
2 Sugar house prison  
.372 American prisons  
.373 Exchange of prisoners  
.374  
.375 Medical dep't; surgeons, nurses, etc.  
.376 Hospitals  
.377  
.378  
.379  
.38 **Personal narratives, vindications, secret servis**  
.381 Treason and traitors See also 973.314 Loyalists, Tories  
.382 Benedict Arnold  
.383 Charles Lee  
.384  
.385 Secret servis, spies  
American side: Nathan Hale  
British side: Major John André
- .386  
.39 **Illustrative material**  
These numbers should be used mainly for references. Poems, dramas etc. should usually be class under their own numbers, 811, 812, etc. but special collections should be class here
- .391 Poetry  
.392 Drama  
.393 Fiction  
.394 Addresses  
.395 Sermons  
.396 Humor  
.397 Pictures  
Paintings, drawings, caricatures, engravings, photographs, sculpture
- .398 Music  
.399 Maps

DECIMAL CLASSIFICATION

- 973-4 Constitutional period 1789-1809
- See 342.73 U. S. constitution; 329.1 Federal party 1789-1823; 329.2 Antifederal party 1789-92
- 41 **George Washington** 30 Ap. 1789-4 Mar. 1797
- Born 22 Feb. 1732; died 14 Dec. 1799
- Sworn into offis 30 Ap. 1789
- National bank establisht 25 Feb. 1791 See 332.11
- Vermont admitted, 14th state 4 Mar. 1791 See 974.3
- Kentucky admitted, 15th state 1 June 1792 See 976.9
- 42 **Indian wars**
- Harmar's expedition 1790
- St Clair's expedition 1791
- 43 **Washington's 2d term** 4 Mar. 1793-4 Mar. 1797
- Neutrality proclamation 22 Ap. 1793 See also 341.3
- Whisky insurrection July-Nov. 1794
- Wayne's expedition, Oct.-Nov. 1794, and treaty, 3 Aug. 1795
- Jay's treaty 28 Oct. 1795 See also 341.3
- Treaty with Spain 27 Oct. 1795 See also 341.2
- Tennessee admitted, 16th state 1 June 1796 See 976.8
- 44 **John Adams** 4 Mar. 1797-4 Mar. 1801
- Born 31 Oct. 1735; died 4 July 1826
- Alien act 25 June 1798 See 341.5
- Sedition act 14 July 1798 See 323
- Removal of capitol to Washington
- 45 **Troubles with France**
- Naval battles; Constellation and L'Insurgent 9 Feb. 1800
- 46 **Thomas Jefferson** 4 Mar. 1801-4 Mar. 1809
- Born 2 Ap. 1743; died 4 July 1826
- Ohio admitted, 17th state 19 Feb. 1803 See 977.1
- Purchase of Louisiana 2 May 1803
- 47 **Wars with Barbary states**
- 48 **Jefferson's second term** 4 Mar. 1805-4 Mar. 1809
- Aaron Burr's conspiracy 1806
- See also 923.27 lives of Burr; and 343.1 Trials
- Embargo act 22 Dec. 1807
- .5 **War of 1812** 1809-45
- .51 **James Madison** 4 Mar. 1809-4 Mar. 1817
- Born 16 Mar. 1751; died 28 June 1836
- Engagement between ships President and Little Belt 16 May 1811
- Defeat of indians by Gen. Harrison at Tippecanoe 7 Nov. 1811
- Louisiana admitted, 18th state 30 Ap. 1812 See 976.3
- Indiana admitted, 19th state 11 Dec. 1816 See 977.2



HISTORY: UNITED STATES

- 973.52 War of 1812  
War declared 18 June 1812. Treaty of peace 24 Dec. 1814
- .521 Political history; causes, results  
Hartford convention
- .522 Diplomatic history
- .523 Special campaigns and battles
- 1 Campaign in northwest  
Includes all west of New York  
Surrender of Detroit 16 Aug. 1812
- 2 Events in northwest 1813-14
- 3 Campaign in New York, New England and Canada  
Battle of Queenstown 13 Oct. 1812
- 4 Events in New York and New England 1813  
Capture of Fort Niagara 19 Dec.
- 5 Events in Canada 1813  
Capture of Fort George 27 May  
Battle of Thames 5 Oct.
- 6 Events in New York and New England 1814  
Bombardment of Stonington, Conn. 9-12 Aug.
- 7 Events in Canada 1814  
Capture of Fort Erie 3 July  
Battle of Chippewa 5 July  
Battle of Lundy's lane 25 July
- 8 Campaign in the south  
Battle of Bladensburg 24 Aug. 1814  
Burning of Washington 24 Aug. 1814  
Bombardment of Fort McHenry 13 Sep. 1814
- 9 Events in Louisiana  
Battle of New Orleans 22 Dec. 1814-8 Jan. 1815
- .524 General military history
- 1 English side
- 2 Indian allies
- 3
- 4 American side in general  
Divided like 974. Under the number for each state use the book numbers  
A1-A19 for official publications, A2 for lists of soldiers
- 5 South Atlantic states  
Divided like 975
- 6 Gulf states  
Divided like 976
- 7 Lake states  
Divided like 977

DECIMAL CLASSIFICATION

- 973.525 Naval history
- 1 Events of 1812  
 Constitution and Guerrière 19 Aug.  
 Wasp and Frolic 18 Oct.  
 United States and Macedonia 25 Oct.  
 Constitution and Java 29 Dec.
- 2 Events on inland waters
- 3 Events of 1813  
 Hornet and Peacock 24 Feb.  
 Chesapeake and Shannon 1 June  
 Pelican and Argus 14 Aug.  
 Enterprise and Boxer 5 Sep.
- 4 Events on inland waters  
 Battle of Lake Erie 10 Sep.
- 5 Events of 1814  
 Essex against Phoebe and Cherub 28 Mar.  
 Peacock and Epervier 29 Ap.  
 Wasp and Reindeer 28 June  
 Wasp and Avon 1 Sep.  
 Wasp and Atlanta 21 Sep.
- 6 Events on inland waters  
 Battle on Lake Champlain 11 Sep.
- 7 Events of 1815  
 Capture of frigate President 15 Jan.  
 Capture of Cyane and Levant by the Constitution 20 Feb.  
 Hornet and Penguin 23 Mar.
- 8 Privateers
- .526 War meetings, celebrations, anniversaries, etc.  
 See note under 973.36  
 See 369.14 societies of the war of 1812
- .527 Prisons, hospitals, etc.
- 1 English prisons Dartmoor
- .528 Personal narrativs, vindications, secret servis
- .529 Illustrativ material Divided like 973.39
- .53 Algerine war
- .54 James Monroe 4 Mar. 1817-4 Mar. 1825  
 Born 28 Ap. 1758; died 4 July 1831  
 Mississippi admitted, 20th state 10 Dec. 1817 See 976.2  
 Illinois admitted, 21st state 3 Dec. 1818 See 977.3  
 Purchase of Florida 25 Feb. 1819  
 Alabama admitted, 22d state 14 Dec. 1819 See 976.1  
 Maine admitted, 23d state, 15 Mar. 1820 See 974.1  
 Missouri compromise See 326.973 and 973.7113  
 Missouri admitted, 24th state 10 Aug. 1821 See 977.8  
 Monroe doctrin Dec. 1823 See 327.73  
 Tariff act 22 May 1824 See 337
- .541 First Seminole war 1818
- .55 John Quincy Adams 4 Mar. 1825-4 Mar. 1829  
 Born 11 July 1767; died 23 Feb. 1848  
 Erie canal completed 1825 See 386  
 Panama congress 1826 See 341.1  
 Removal of Creek indians 1825-29 See 970.3  
 Tariff act 19 May 1828 See 337

HISTORY: UNITED STATES

- 973-56 **Andrew Jackson** 4 Mar. 1829-4 Mar. 1837  
 Born 15 Mar. 1767; died 8 June 1845  
 Rotation in office See 351.6  
 United States bank See 332.11  
 Whig party See 329.4  
 Compromise tariff act 3 Mar. 1833 See 337  
 Independence of Texas 2 Mar. 1836 See 976.4  
 Arkansas admitted, 25th state 15 June 1836 See 976.7  
 Specie circular 11 July 1836 See 336.73  
 Michigan admitted, 26th state 26 Jan. 1837 See 977.4
- .561 Nullification See also 342.73  
 Webster and Hayne debate 25-27 Jan. 1830  
 Nullification ordinance, South Carolina 24 Nov. 1832
- .562 Black Hawk war 1832
- .57 **Martin Van Buren** 4 Mar. 1837-4 Mar. 1841  
 Born 5 Dec. 1782; died 24 July 1862  
 Panic of 1837 See 332  
 Alton riot 7 Nov. 1837 See 326.973  
 Burning of Caroline 26 Dec. 1837  
 Northeast boundary, Aroostook war Feb.-Mar. 1839  
 Amistad case 1839
- .571 Second Seminole war 1835-42
- .58 **William Henry Harrison** 4 Mar. 1841-4 Ap. 1841  
 Born 9 Feb. 1773; died 4 Ap. 1841
- John Tyler** 4 Ap. 1841-4 Mar. 1845  
 Born 29 Mar. 1790; died 18 Jan. 1862  
 Dorr's rebellion May-June 1842 See 974.5  
 Ashburton treaty, northeast boundary  
 Texas annexation resolution 28 Feb. 1845  
 Florida admitted, 27th state 3 Mar. 1845 See 975.9
- .6 **War with Mexico** 1845-61
- .61 **James Knox Polk** 4 Mar. 1845-4 Mar. 1849  
 Born 2 Nov. 1795; died 15 June 1849  
 Texas annexed, 28th state 29 Dec. 1845 See 976.4  
 Wilmot proviso adopted by house 8 Aug. 1846 See also 973.7113  
 Iowa admitted, 29th state 28 Dec. 1846 See 977.7  
 Wisconsin admitted, 30th state 29 May 1848 See 977.5  
 Free soil party; Buffalo convention Aug. 1848 See 329.6
- .611 Northwest boundary; Oregon; treaty with England 12 June 1849
- .62 Mexican war 1845-48  
 War declared 13 May 1846; treaty of peace 30 May 1848
- .621 Political history; causes, results  
 Annexation of Texas  
 Acquisition of California, Nevada, Utah, Arizona, etc.
- .622 Diplomatic history
- .623 Special campaigns and battles
- 1 Kearny in New Mexico
- 2 Fremont in California
- 3 Taylor's campaign
- 4 On the Rio Grande  
 Palo Alto 8 May 1846  
 Resaca de la Palma 9 May  
 Matamoros 18 May
- 5 In Mexico  
 Monterey 20-25 Sep. 1846  
 Buena Vista 22-23 Feb. 1847

DECIMAL CLASSIFICATION

- 973.623 .6. Scott's campaign  
 7 Vera Cruz 22-29 Mar. 1847  
 Cerro Gordo 17-18 Ap.  
 8 Battles near Mexico  
 Contreras 19-20 Aug.  
 San Antonio 20 Aug.  
 Churubusco 20 Aug.  
 9 Capture of Mexico  
 Molino del Rey 8 Sep.  
 Chapultepec 12-13 Sep.  
 Mexico 14 Sep.
- .624 General military history  
 .625 Naval history  
 .626 War meetings, celebrations, anniversaries  
 See note under 973.36; also 369.145 Astec club of 1847  
 .627 Prisons, hospitals, etc.  
 .628 Personal narrat. vs  
 .629 Illustrativ material See note under 973.39  
 .63 Zachary Taylor 5 Mar. 1849-9 July 1850  
 Born 24 Sep. 1784; died 9 July 1850  
 Inaugural ceremony 5 March  
 Compromise of 1850, Omnibus bil, introduced by Henry Clay  
 29 Jan. 1850 See also 326.973 and 973.7113  
 .64 Millard Fillmore 9 July 1850-4 Mar. 1853  
 Born 7 Feb. 1800; died 7 Mar. 1874  
 Clayton-Bulwer treaty 4 July 1850 See also 386  
 California admitted, 31st state 9 Sep. 1850 See 979.4  
 Fugitiv slave law 18 Sep. 1850 See 326.973  
 Popular soverenty, or squatter soverenty See 342.73 and 326.973  
 Filibustering expeditions to Cuba 1849-51 See 972.91  
 .65  
 .66 Franklin Pierce 4 Mar. 1853-4 Mar. 1857  
 Born 23 Nov. 1804; died 8 Oct. 1869  
 Know-nothing party See also 329.5  
 Republican party See also 329.6  
 Com. Perry's expedition to Japan 1852-54 See also 915.2 and 341.273  
 Gadsden treaty with Mexico for purchase of southern Arizona and  
 New Mexico 30 June 1854  
 Kansas-Nebraska bil 30 May 1854 See also 326.973, 978.1 and 978.2  
 Ostend manifesto 18 Oct. 1854 See also 972.91  
 Walker's filibuster expedition against Nicaragua 1855 See also 972.85  
 .67  
 .68 James Buchanan 4 Mar. 1857-4 Mar. 1861  
 Born 23 Ap. 1791; died 1 June 1868  
 Dred Scott decision 6 Mar. 1857 See also 326.973 and 973.7113  
 Leecompton constitution, Kansas; proslavery 7 Nov. 1857.  
 See also 978.1  
 Minnesota admitted, 32d state 11 May 1858 See 977.6  
 Oregon admitted, 33d state 14 Feb. 1859 See 979.5  
 John Brown's raid 16-17 Oct. 1859 See also 973.7116 and 326.973  
 Kansas admitted, 34th state 29 Jan. 1861 See 978.1  
 .69

HISTORY: UNITED STATES

973-7 War of secession

4 Mar. 1861—15 Ap. 1865

SUMMARY OF 973.7

- .71 Political history
- .72 Diplomatic history
- .73 Special campaigns and battles
- .74 General military history
- .75 Naval history
- .76 Celebrations
- .77 Prisons, hospitals
- .78 Personal narrativs
- .79 Illustrativ material

Abraham Lincoln

4 Mar. 1861—15 Ap. 1865

Born 12 Feb. 1809; died 15 Ap. 1865

1st term 4 Mar. 1861—4 Mar. 1865; 2d term 4 Mar. 1865—15 Ap. 1865

.71 Political history; causes, results

West Virginia admitted, 35th state 19 June 1863 See 975.4

Nevada admitted, 36th state 31 Oct. 1864 See 979.3

.711 Causes

- 1 Slavery See also 326
- 2 Extension of slavery
  - Annexation of territory
  - Slavery in the territories
- 3 Compromises
  - Missouri compromise 1820 See also 973.54
  - Wilnot proviso 1846 See also 973.61
  - Compromise of 1850 See also 973.63
- 4 Abolition movement
  - Murder of Elijah P. Lovejoy 7 Nov. 1837
  - Assault on Charles Sumner by Preston S. Brooks 22 May, 1856
- 5 Fugitiv slaves
  - Underground railway
  - Dred Scott case See also 973.68
- 6 John Brown's raid See also 973.68
- 7 States' rights
- 8 Tarif See also 337

.712 Efforts to preserv peace

Crittenden compromise introduced 18 Dec. 1860

Peace conference 4—27 Feb. 1861

.713 Secession of southern states

South Carolina 20 Dec. 1860

Mississippi 9 Jan. 1861

Florida 10 Jan.

Alabama 11 Jan.

Georgia 19 Jan.

Louisiana 26 Jan.

Texas 1 Feb.

Confederate States of America formd 4 Feb.

Virginia 17 Ap.

Arkansas 6 May

North Carolina 20 May

Tennessee 8 June

For constitutional conventions see subdivisions of 342; proceedings and documents of Confederate congress and of state legislatures see subdivisions of 328

.714 Results of the civil war

Emancipation proclamation 1 Jan. 1863 See also 326.8

Freedmen's bureau See 361

For the present condition of negro, see 325.26

For negro colony in Liberia, Africa, see 325.6; history of Liberia 966.6

DECIMAL CLASSIFICATION

- 973.715 Relations of special classes to the civil war
  - Clergy and churches. Colleges, students and graduates
- .716 Southern side
- .717 Unionists in the south
- .718 Secessionists in the north
- .72 Diplomatic history: relations with other nations
  - Divided like 940; e. g. 973.722 Relations with England, 973.727 Russia
- .721 Diplomatic history of Confederate States
  - Divided like 940; e. g. 973.7214 Relations of Confederate States with France
- .73 Special campaigns and battles
  - General arrangement of topics is based on *Official records of the Union and Confederate armies*, pub. by the U. S. The indexes of those volumes can be used as a minute subject index for subdivisions of 973.73
- .731 Campaign of 1861
  - 1 Operations in Charleston harbor, S. C. 20 Dec. 1860-14 Ap. 1861
    - Bombardment of Fort Sumter 12-14 April
  - 2 Operations in other southern states (see *Official records*, v. 1)
  - 3 Maryland, Pennsylvania, Virginia, West Virginia, 16 Ap.-31 July
    - Riot at Baltimore, Md. 19 April
    - Engagement at Big Bethel, or Bethel Church, Va. 10 June
    - Battle of Bull Run, or Manassas, Va. 21 July
  - 4 Missouri, Arkansas, Kansas, Indian Territory 10 May-19 Nov.
  - 6 Texas, New Mexico, Arizona 11 June-1 Feb. 1862
    - Kentucky, Tennessee 1 July-19 Nov.
    - North Carolina, southeastern Virginia 1 Aug.-11 Jan. 1862
  - 7 Maryland, northern Virginia, West Virginia 1 Aug.-17 Mar. 1862
  - 8 Engagement at Ball's Bluff, Va. 21 Oct.
    - Action near Edwards Ferry, Va. 22 Oct.
  - 9 S. Carolina, Georgia, middle and east Florida 21 Aug.-11 Ap. 1862
- .732 Campaign of 1862
  - 1 West Florida, southern Alabama, southern Mississippi, Louisiana
    - 1 Sep. 1861-12 May 1862
    - Capture of New Orleans, La. 18 Ap.-1 May
  - 2 Kentucky, Tennessee, north Alabama, southwest Virginia
    - 19 Nov. 1861-4 March 1862
    - Capture of Fort Henry, Tenn. 6 Feb.
    - Siege and capture of Fort Donelson, Tenn. 12-16 Feb.
  - 3 Missouri, Arkansas, Kansas, Indian T. 19 Nov. 1861-10 Ap. 1862
    - Battle of Pea Ridge, or Elkhorn tavern, Ark. 6-8 Mar.
  - 4 Southeastern Virginia 11 Jan.-17 Mar.
    - Battle of Merrimac and Monitor See 973.752
    - North Carolina 11 Jan.-20 Aug.
    - Burnside expedition
    - Battle of Roanoke island, N. C. 8 Feb.
    - Texas, New Mexico, Arizona 1 Feb.-20 Sep.
  - 5 Kentucky, Tennessee, north Mississippi, north Alabama, southwest Virginia 4 Mar.-10 June
    - Siege of Corinth, Miss. 29 Ap.-10 June
  - 6 Battle of Pittsburg Landing or Shiloh, Tenn. 6-7 Ap.

HISTORY: UNITED STATES

- 973-732      Campaign of 1862 *continued*
- 7      Peninsular campaign, Va. 17 Mar.-2 Sep.  
         Siege of Yorktown, Va. 5 Ap.-4 May  
         Battle of Fair Oaks, or Seven Pines, Va. 31 May-1 June  
         Seven-days battles 25 June-1 July
- 8      Northern Virginia, West Virginia, Maryland 17 Mar.-2 Sep.  
         Battle of Cedar Run, or Cedar (Slaughter) mountain, Va. 9 Aug.  
         Second battle of Bull Run, or Manassas, Va. 30 Aug.
- 9      Missouri, Arkansas, Kansas, Indian Territory, Dep't of N. W.  
         10 Ap.-20 Nov.
- .733      Campaign of 1862 *concluded*
- 1      South Carolina, Georgia, middle and east Florida 12 Ap. 1862-  
         11 June 1863
- 2      West Florida, southern Alabama, southern Mississippi, Louisiana  
         12 May 1862-14 May 1863  
         Texas, New Mexico, Arizona 20 Sep. 1862-14 May 1863
- 3      Kentucky, middle and east Tennessee, north Alabama, southwest  
         Virginia 10 June-31 Oct.
- 4      West Tennessee, northern Mississippi 10 June-20 Jan. 1863  
         Battle of Corinth, Miss. 3-4 Oct.
- 5      North Carolina, southeastern Virginia 20 Aug. 1862-3 June 1863
- 6      Northern Virginia, West Virginia, Maryland, Pennsylvania  
         3 Sep.-14 Nov.  
         Battle of South Mountain, Md. 14 Sep.  
         Battle of Antietam, or Sharpsburg, Md. 16-17 Sep.
- 7      Kentucky, middle and east Tennessee, north Alabama, southwest  
         Virginia 1 Nov.-20 Jan. 1863  
         Battle of Stone river, or Murfreesboro, Tenn. 31 Dec. 1862-  
         3 Jan. 1863
- 8      Northern Virginia, West Virginia, Maryland, Pennsylvania  
         15 Nov.-25 Jan. 1863
- 9      Battle of Fredericksburg, Va. 11-15 Dec.
- .734      Campaign of 1863
- 1      Missouri, Arkansas, Kansas, Indian Territory, Dep't of Northwest  
         20 Nov. 1862-31 Dec. 1863
- 2      Kentucky, middle and east Tennessee, north Alabama, southwest  
         Virginia 21 Jan.-10 Aug.  
         Middle Tennessee, or Tullahoma campaign 23 June-7 July  
         Morgan's Ohio raid 2-26 July
- 3      Mississippi, west Tennessee 20 Jan.-10 Aug.
- 4      Siege of Vicksburg, Miss. 19 May-4 July
- 5      Northern Virginia, West Virginia, Maryland, Pennsylvania  
         26 Jan.-3 June
- 6      Chancellorsville, Va. campaign 27 Ap.-6 May
- 7      West Florida, southern Alabama, southern Mississippi, Louisiana,  
         Texas, New Mexico 14 May-31 Dec.  
         Siege of Port Hudson, La. 21 May-8 July
- 8      North Carolina, Virginia, West Virginia, Maryland, Pennsylvania  
         Dep't of East 3 June-3 Aug.
- 9      Battle of Gettysburg, Pa. 1-3 July

DECIMAL CLASSIFICATION

- 973-735 Campaign of 1863 *concluded*
- 1 South Carolina, Georgia, middle and east Florida 12 June-31 Dec  
Operations on Morris island, S. C. 10 July-7 Sep.  
Occupation of Battery Wagner, S. C. 6-7 Sep.  
Bombardment of Fort Sumter, S. C. 17 Aug.-31 Dec.  
Bombardment of Charleston, S. C. 21 Aug.-31 Dec.
  - 3 North Carolina, Virginia, West Virginia, Maryland, Pennsylvania  
4 Aug.-31 Dec.  
Bristoe, Va. campaign 9-22 Oct.  
Mine Run, Va. campaign 26 Nov.-2 Dec.
  - 4 Kentucky, southwest Virginia; Tennessee, Mississippi, north Ala-  
bama, north Georgia 11 Aug.-19 Oct.
  - 5 Chickamauga, Ga. campaign 16 Aug.-22 Sep.  
Battle of Chickamauga, Ga. 19-20 Sep.
  - 6 East Tennessee campaign 16 Aug.-19 Oct.
  - 7 Kentucky, southwest Virginia, Tennessee, Mississippi, north Ala-  
bama, north Georgia 20 Oct.-31 Dec.
  - 8 Knoxville, Tenn. campaign 4 Nov.-23 Dec.  
Siege of Knoxville, Tenn. 17 Nov.-4 Dec.
  - 9 Chattanooga-Ringgold campaign 23-27 Nov.  
Battle of Lookout mountain, Tenn. 24 Nov.  
Battle of Missionary ridge, Tenn. 25 Nov.
- .736 Campaign of 1864
- 1 Kentucky, southwest Virginia, Tennessee, Mississippi, Alabama  
north Georgia 1 Jan.-30 Ap.  
Meridian, Miss. expedition 3 Feb.-6 Mar.  
Forrest's expedition into west Tennessee and Kentucky  
16 Mar.-14 Ap.  
Capture of Fort Pillow, Tenn. 12 Ap.
  - 2 N. Carolina, Virginia, W. Va. Maryland, Pennsylvania  
1 Jan.-30 Ap.  
Expedition against New Berne, N. C. 28 Jan.-10 Feb.  
Engagement at Morton's Ford, Va. 6-7 Feb.  
Kilpatrick's expedition against Richmond, Va. 28 Feb.-4 Mar.
  - 3 Louisiana, trans-Mississippi 1 Jan.-30 June  
Red river, La. campaign 10 Mar.-22 May  
Camden, Ark. expedition 23 Mar.-3 May
  - 4 South Carolina, Florida, Georgia coast 1 Jan.-13 Nov.  
Charleston, S. C. harbor and vicinity  
Florida expedition 5-22 Feb.  
Engagement at Olustee or Ocean Pond, Fla. 20 Feb.
  - 5 Southeastern Virginia, North Carolina 1 May-12 June  
Engagement at Proctor's Creek and Drewry's Bluff or Fort  
Darling, Va. 12-16 May  
Operations on the Bermuda Hundred, Va. front 17 May-2 June  
Engagement at Petersburg, Va. 9 June
  - 6 Battle of the Wilderness, Va. 5-7 May
  - 7 Operations about Spottsylvania Court-House, Va. 8-21 May
  - 8 Operations at and about Cold Harbor, Va. 31 May-12 June
  - 9 Northern Virginia, West Virginia, Maryland, Pennsylvania  
1 May-3 Aug.  
Engagement at New Market, Va. 15 May  
Lynchburg, Va. campaign 26 May-29 June  
Battle of the Monocacy, Md. 9 July  
Action near Fort Stevens, D. C. 12 July



HISTORY: UNITED STATES

- 973-737 Campaign of 1864 *concluded*
- 1 Northern Georgia 1 May-8 Sep.  
Atlanta, Ga. campaign  
Battle of Atlanta, Ga. 22 July
  - 2 Kentucky, southwest Virginia, Tennessee, Mississippi, Alabama  
north Georgia 1 May-13 Nov.  
Engagement at Harrisburg, near Tupelo, Miss. 14-15 July  
Operations in Mobile bay, Ala. 2-23 Aug. See 973.754  
Engagement at Allatoona, Ga. 5 Oct.
  - 3 Southeastern Virginia, North Carolina 13 June-31 July  
Richmond, Va. campaign  
Assaults on the Petersburg lines 15-18 June  
Explosion of the mine and assault on the crater 30 July
  - 4 Louisiana, trans-Mississippi 1 July-31 Dec.  
Price's Missouri expedition 29 Aug.-2 Dec.
  - 5 Southeastern Virginia, North Carolina 1 Aug.-31 Dec.  
Richmond, Va. campaign  
Expedition to Fort Fisher, N. C. 7-27 Dec.
  - 6 Northern Virginia, West Virginia, Maryland, Pennsylvania  
4 Aug.-31 Dec.
  - 7 Shenandoah valley campaign, Va. 7 Aug.-28 Nov.  
Battle of Winchester, or the Opequon, Va. 19 Sep.  
Battle of Cedar creek, Va. 19 Oct.
  - 8 South Carolina, Georgia, Florida 14 Nov.-31 Dec.  
Savannah, Ga. campaign, or Sherman's march to the sea  
15 Nov.-21 Dec.
  - 9 Kentucky, southwest Virginia, Tennessee, Mississippi, Alabama,  
north Georgia 14 Nov.-23 Jan. 1865  
Battle of Franklin, Tenn. 30 Nov.  
Battle of Nashville, Tenn. 15-16 Dec.
- .738 Campaign of 1865
- 1 Northern and southeastern Virginia, North Carolina, West Virginia,  
Maryland, Pennsylvania 1 Jan.-30 June
  - 2 Richmond, Va. campaign 1 Jan.-3 Ap.
  - 3 Expedition to and capture of Fort Fisher, N. C. 3-17 Jan.
  - 4 Appomattox, Va. campaign 29 Mar.-9 Ap.  
Battle of Five Forks, Va. 1 Ap.  
Surrender of Gen. Lee 9 Ap.
  - 5 North Carolina, South Carolina, southern Georgia, east Florida  
1 Jan.-30 June  
Campaign of the Carolinas 1 Jan.-26 Ap.
  - 6 Louisiana, trans-Mississippi 1 Jan.-30 June
  - 7 Kentucky, southwestern Virginia, Tennessee, northern and central  
Georgia, Mississippi, Alabama, west Florida 1 Jan.-30 June  
Wilson's raid from Chickasaw to Selma, Ala. and Macon, Ga.  
22 Mar.-24 Ap.
  - 8 Mobile, Ala. campaign 17 Mar.-4 May
  - 9 Pacific coast 1 Jan. 1861-30 June 1865

DECIMAL CLASSIFICATION

- 973-74    **General military history**  
    .741    **Northern side**  
        1    **Regular army**  
        2    **Volunteers, quotas**  
        3    **Bounties**  
        4    **Drafts**  
        5    **Negro troops**  
        6    **Special armies or corps**  
            **Army of the Cumberland**  
            **Army of the Potomac**  
            **2d army corps**  
            **19th army corps etc.**  
        7    **Special branches or servises**  
            **Cavalry**  
            **Artillery**  
            **Engineers**  
            **Signal servis**  
            **Guerrillas**  
            **Commissariat**  
        8    **General orders**  
        9    **Regimental losses**  
    .742    **Southern side**  
            **Guerrillas**  
    .743    **Foren elements**  
            **Divided like 940**  
    .744-749 **Separate states and regimental histories**  
            **Divided like 974-979; 973.7444, Massachusetts; 973.7447, New York. Under**  
            **each state arrange books by the following book numbers**  
            **A for official publications**  
            **A 1 Adjutant-general's reports**  
            **A 2 Lists of soldiers**  
            **B-D, General works on the part taken by the state in the conflict**  
                **B whole state, C county, D town**  
            **E Histories of cavalry regiments**  
            **F Hevy artillery**  
            **G Light artillery**  
            **J-L Infantry**  
                **J regiments 1-99**  
                **K regiments 100-199**  
                **L regiments 200-299**  
                **The individual regiment is markt by adding its number after the letter;**  
                **E15, 15th regiment of cavalry; E49, 149th regiment of infantry. When**  
                **there are more than 9 regiments in any of these groups 0 must be prefix to**  
                **the number for the 1st 9, e. g. J09, 9th regiment of infantry; otherwise the**  
                **9th regiment of infantry, J9, would be shelvd after the 89th, J89**  
                **For the border states which also had regiments on the Confederate side use**  
                **similarly P-3**  
            **O Special brigades**  
            **P Cavalry**  
            **Q Hevy artillery**  
            **R Light artillery**  
            **S Infantry**  
            **For those states which past ordinances of secession (see list under 973.713)**  
            **reverse these numbers using E-L for Confederate regiments and P-S for**  
            **Union regiments**  
            **Special numbers must be arranged for unnumberd and peculiarly numberd**  
            **regiments and companies**

## HISTORY: UNITED STATES

- 973-75 Naval history**  
 During the civil war the navy was mainly used as an auxiliary to the army and nearly all naval actions are also described in connection with special campaigns and battles 973.73 and its subdivisions
- .751 Events of 1861**  
 Hatteras inlet, N. C. 28 Aug. See also 973.7316  
 Port Royal, S. C. 7 Nov. See also 973.7319  
 Belmont, Mo. 7 Nov. See also 973.7315  
 Trent affair 8 Nov. See also 973.722
- .752 Events of 1862**  
 Fort Henry, Tenn. 6 Feb. See also 973.7322  
 Roanoke island, N. C. 7-8 Feb. See also 973.7324  
 Fort Donelson, Tenn. 14 Feb. See also 973.7322  
 Monitor and Merrimac 8-9 Mar.  
 Island nr 10, Ky. 16 Mar.-8 Ap. See also 973.7325  
 New Orleans, La. 18 Ap.-1 May See also 973.7321  
 Memphis, Tenn. 6 June See also 973.7325
- .753 Events of 1863**  
 Charleston, S. C. 7 Ap. See also 973.7331  
 Vicksburg, Miss. 16 Ap. See also 973.7343  
 Grand Gulf, Miss. 29 Ap. See also 973.7343
- .754 Events of 1864**  
 Red river, La. expedition 10 Mar.-22 May See also 973.7363  
 Sassacus and Albemarle, Albemarle sound, N. C. 5 May  
 See also 973.7365  
 Alabama and Kearsarge, off Cherbourg, France 19 June  
 Mobile bay, Ala. 5-22 Aug. See also 973.7372  
 Fort Fisher, N. C. 24 Dec. See also 973.7375
- .755 Events of 1865**  
 Fort Fisher, N. C. 14-15 Jan. See also 973.7383
- .756 History of special squadrons or ships**  
 Atlantic squadron  
 Gulf squadron
- .757 Confederate navy**  
 Including the history of special squadrons or ships  
 Alabama  
 Shenandoah  
 Florida
- .758 Blockade and blockade running**
- .759 Privateers**
- .76 War meetings, celebrations, anniversaries, commemorations**  
 See note under 973.36  
 For patriotic societies commemorating the civil war see 369.15.-17
- .761 War meetings**
- .762**
- .763 Flags; presentations of flags; Battle-flag day**
- .764**
- .765 Monuments, memorials See also 718**
- .766**
- .767 Roll of honor List of ded For national cemeteries, see 719**
- .768 Memorial day**

DECIMAL CLASSIFICATION

- 973.77 Prisons, hospitals, charities, etc.
- .771 Southern prisons, prison life
- 1 Andersonville
- 2 Libby prison
- .772 Northern prisons
- .773 Exchange of prisoners, paroles
- .774
- .775 Medical dep't, surgeons, nurses For military surgery see 617.99
- .776 Hospitals, hospital sketches
- .777 Charities
- Soldiers homes, see 362.8
- Soldiers orphan asylums, see 362.7
- Freedmen's bureau, see 361
- Pensions, see 351.5
- 1 U. S. sanitary commission
- 2 Sanitary fairs
- .778 Religious life, chaplains, revivals
- 1 U. S. Christian commission See also 267.11
- .78 Personal narrativs, vindication, secret servis
- Personal narrativs when relating to some special battle or event should be class according to their subject
- .781 Personal narrativs, northern side
- Including volumes of G. A. R. papers and Loyal legion
- .782 Personal narrativs, southern side
- .783 Army life
- .784 Southern army life, southern home life
- .785 Secret servis, spics
- .786 Southern side
- .79 Illustrativ material
- See note under 973.39
- .791 Poetry
- .792 Drama
- .793 Fiction
- .794 Addresses
- .795 Sermons
- .796 Humor
- .797 Pictures
- Paintings, drawings, caricatures, engravings, fotografs, sculpture
- .798 Music
- .799 Maps
- .8 Later 19th century 1865-1901
- Period of reconstruction and civil servis reform
- .81 Andrew Johnson 15 Ap. 1865-4 Mar. 1869
- Born 29 Dec. 1808; died 31 July 1875
- 13th amendment abolishing slavery, adopted 18 Dec. 1865
- See also 326.8 and 342.739
- Fenian invasion of Canada 31 May-2 June 1866 See also 971.048
- Nebraska admitted, 37th state 1 Mar. 1867 See 978.2
- Cession of Alaska by Russia 20 June 1867
- Impeachment of Pres. Johnson Mar.-May 1868 See 351.99
- 14th amendment guaranteeing citizenship, adopted 28 July 1868
- See 342.739

HISTORY: UNITED STATES

- 973.82 **Ulysses Simpson Grant** 4 Mar. 1869-4 Mar. 1877  
 Born 27 Ap. 1822; died 23 July 1885  
 Treaty for annexation of Santo Domingo, signd 29 Nov. 1869;  
 rejected by senate 30 June 1870 See also 972.93  
 15th amendment guaranteeing suffrage, adopted 30 Mar. 1870  
 See 324.1 and 342.739  
 First provision for civil servis reform 3 Mar. 1871 See also 351.6  
 Geneva arbitration award 14 Sep. 1872 See 341.6; 973.722; 973.757  
 Northwestern or San Juan boundary decision, Emperor William  
 I of Germany, arbitrator 23 Oct. 1872  
 Crédit mobilier investigation Dec. 1872-Feb. 1873  
 Coinage act 12 Feb. 1873 See 332.47  
 Modoc war, California Nov. 1872-June 1873  
 Financial panic 19-30 Sep. 1873 See 332  
 Virginius incident Oct.-Dec. 1873  
 Whisky ring 1872-75 See 336.73  
 Civil rights act 1 Mar. 1875  
 Colorado admitted, 38th state 1 Aug. 1876 See 978.8  
 Centennial exposition, Philadelphia 10 May-10 Nov. 1876 See 606  
 Electoral commission Feb. 1877
- .83 **Rutherford Birchard Hayes** 4 Mar. 1877-4 Mar. 1881  
 Born 4 Oct. 1822; died 17 Jan. 1893  
 Halifax fishery award 23 Nov. 1877  
 Bland silver act 28 Feb. 1878 See 332.47  
 Resumption of specie payment 1 Jan. 1879 See 332.5 and 336.73
- .84 **James Abram Garfield** 4 Mar. 1881-19 Sep. 1881  
 Born 19 Nov. 1831; died 19 Sep. 1881
- Chester Alan Arthur** 19 Sep. 1881-4 Mar. 1885  
 Born 5 Oct. 1830; died 18 Nov. 1886  
 International cotton exposition 5 Oct.-31 Dec. 1881 See 605  
 Edmund act to suppress poligamy 22 Mar. 1882 See also 298  
 Pendleton civil servis reform act 11 Jan. 1883 See 351.6
- .85 **Grover Cleveland** 4 Mar. 1885-4 Mar. 1889  
 Born 18 Mar. 1837; died 24 June 1908  
 Act regulating the presidential succession 19 Jan. 1886 See 353.03  
 Mexican war pension act 29 Jan. 1887 See 351.5  
 Act creating Interstate commerce commission 4 Feb. 1887 See 385  
 Dependent pension bil vetoed 11 Feb. 1887 See 351.5  
 Centennial anniversary of Constitution, Philadelphia, Pa.  
 15-17 Sep. 1887  
 Act to establish the Labor dep't 13 June 1888 See 331  
 Fisheries treaty, signd 15 Feb. 1888; rejected by senate 21 Aug.  
 1888  
 See 333.9 and 341.273  
 Act to make Agriculture dep't an executiv dep't 9 Feb. 1889  
 See also 630.61 and 353.8

DECIMAL CLASSIFICATION

- 973.86 **Benjamin Harrison** 4 Mar. 1889-4 Mar. 1893  
 Born 20 Aug. 1833; died 13 Mar. 1901  
 Opening of Oklahoma 2 Ap. 1889 See 976.6  
 North Dakota admitted, 39th state 2 Nov. 1889 See 978.4  
 South Dakota admitted, 40th state 2 Nov. 1889 See 978.3  
 Montana admitted, 41st state 8 Nov. 1889 See 978.6  
 Washington admitted, 42d state 11 Nov. 1889 See 979.7  
 International Amer. conference 2 Oct. 1889-19 Ap. 1890 See 341.1  
 Idaho admitted, 43d state 3 July 1890 See 979.6  
 Wyoming admitted, 44th state 10 July 1890 See 978.7  
 Sherman silver act, repealing silver act of 1878 14 July 1890  
 See 332.47  
 McKinley tarif act 1 Oct. 1890 See 337.3  
 Controversy with Chile Oct. 1891-July 1892 See 983  
 Geary Chinese exclusion act 5 May 1892 See 325.251  
 Bering sea arbitration treaty 23 Aug. 1892  
 Hawaiian annexation treaty sent to senate, 15 Feb. 1893; with-  
 drawn, 9 Mar. 1893 See 996.9
- .87 **Grover Cleveland, second term** 4 Mar. 1893-4 Mar. 1897  
 World's Columbian exposition, Chicago 1 May-30 Oct. 1893  
 See 606  
 Decision of Bering sea court of arbitration 15 Aug. 1893  
 Voorhees silver act 1 Nov. 1893 See 332.47  
 Wilson tarif act 27 Aug. 1894 See 337.2  
 Income tax law decided unconstitutional by U. S. supreme court  
 8 Ap. 1895 See 336.24  
 U. S. commission on boundary between Venezuela and British  
 Guiana appointed 1 Jan. 1896 See 937  
 Utah admitted, 45th state 4 Jan. 1895 See 979.2
- .88 **William McKinley** 4 Mar. 1897-14 Sep. 1901  
 Born 29 Jan. 1844; died 14 Sep. 1901  
 Dingley tarif act 24 July 1897  
 Annexation of Hawaii 7 July 1898
- .89 **War with Spain**  
 War declared 21 Ap. 1898  
 Protocol signd 12 Aug. 1898  
 Treaty of peace signd at Paris, 10 Dec. 1898; ratified, 11 Apr. 1899
- .891 Political history; causes, results  
 Spanish misrule in Cuba  
 Destruction of battleship Maine 15 Feb. 1898  
 Acquisition of Philippines and Porto Rico
- .892 Diplomatic history
- .893 Special campaigns and battles  
 Siege of Santiago 22 June-17 July 1898  
 Battle of El Caney 1 July 1898
- .894 General military history May be subdivided like 973.74
- .895 Naval history  
 Battle of Manila 1 May 1898  
 Sinking of the Merrimac 3 June 1898  
 Destruction of Cervera's squadron 3 July 1898
- .896 War meetings, celebrations, anniversaries  
 See note under 973.36  
 For patriotic societies commemorating the war with Spain see 369.181-.183
- .897 Prisons, hospitals, etc.
- .898 Personal narrativs
- .899 Illustrativ materials  
 See note under 373.39

HISTORY: UNITED STATES

		1901-
973.91	<b>Early 20th century</b>	
.911	<b>Theodore Roosevelt</b> Born 27 Oct. 1858; died 6 Jan. 1919	14 Sep. 1901-4 Mar. 1909
.912	<b>William Howard Taft</b> Born 15 Sep. 1857	4 Mar. 1909-4 Mar. 1913
.913	<b>Woodrow Wilson</b> Born 28 Dec. 1856  The great war, begun with Austria's declaration of war against Serbia, 28 July 1914, was formally entered by the United States with a declaration of war against Germany, 6 Ap. 1917; armistice signed by the Germans 11 Nov. 1918; treaty of Versailles signed by treaty plenipotentiaries of Germany and the Allied Powers 28 June 1919; treaties with Germany, Austria and Hungary ratified by United States senate 18 Oct. 1921.	4 Mar. 1913-4 Mar. 1921
.914	<b>Warren Gamaliel Harding</b> Born 2 Nov. 1865	4 Mar. 1921-

DECIMAL CLASSIFICATION

974 Northeastern or North Atlantic New England

.1 **Maine**

Admitted 15 Mar. 1820 as 23d state  
 Area 33,040 sq. mi. 16 counties Population 768,014 in 1920  
 Sobriquets: Pinetree state, Polar Star state Capital: Augusta  
*Population in 1920*

.11	Aroostook	81 728
.12	Somerset	37 171
	Piscataquis	20 554
.13	Penobscot	87 684
.14	Washington	41 709
	Hancock	30 361
.15	Waldo	21 328
	Knox	26 245
	Lincoln	15 976
.16	Kennebec	63 844
.17	Franklin	19 825
	Oxford	37 700
.18	Androscoggin	65 796
	Sagadahoc	23 021
.19	Cumberland	124 376
	<i>Portland</i>	
	York	70 696

69 272

.2 **New Hampshire**

Area 9341 sq. mi. 10 counties Population 443,083 in 1920  
 Sobriquet: Granit state Capital: Concord  
*Population in 1920*

.21	Coos	36 093
.22	<i>White mts</i>	
.23	Grafton	40 572
.24	Carroll	15 017
	Belknap	21 178
.25	Strafford	38 546
.26	Rockingham	52 498
.27	Merrimac	51 770
	Sullivan	20 922
.28	Hillsboro	135 512
.29	Cheshire	30 975

.3 **Vermont**

Area 9564 sq. mi. 14 counties Population 352,428 in 1920  
 Sobriquet: Green Mt state Capital: Montpelier  
*Population in 1920*

.31	Grand Isle	3 784
	Franklin	30 026
	Chittenden	43 708
.32	Orleans	23 913
	Essex	7 364
.33	Caledonia	25 762
	Lamoille	11 858
.34	Washington	38 921
.35	Addison	18 666
.36	Orange	17 279
	Windsor	36 984
.37	Rutland	46 213
.38	Bennington	21 577
.39	Windham	26 373



HISTORY: UNITED STATES

974-4

**Massachusetts**

Area 8266 sq. mi. 14 counties  
 Population 3,852,356 in 1920  
 Sobriquet: Bay state Capital: Boston

		<i>Population in 1920</i>	
.41	Berkshire	113 033	
.42	Franklin	49 361	
	Hampshire	69 599	
	Hampden	300 305	
.43	Worcester	455 135	
.44	Middlesex	778 352	
.45	Essex	482 156	
.46	Suffolk	835 522	
	<i>Boston</i>		748 060
.47	Norfolk	219 081	
.48	Plymouth	156 968	
	Bristol	359 005	
.49	Barnstable	26 670	
	Dukes	4 372	
	Nantucket	2 797	

**.5 Rhode Island**

Area 1248 sq. mi. 5 counties  
 Population 604,397 in 1920  
 Sobriquet: Little Rhody Capital: Providence

		<i>Population in 1920</i>	
.51	Providence	475 190	
.52	<i>Providence (city)</i>		237 595
.53	<i>Pawtucket</i> "		64 248
.54	Kent	38 269	
.55	Bristol	23 113	
.56	Newport	42 893	
.57	<i>Newport (city)</i>		30 255
.58	<i>Block Island</i>		
.59	Washington	24 932	

**.6 Connecticut**

Area 4965 sq. mi. 8 counties  
 Population 1,380,631 in 1920  
 Sobriquet: Wooden Nutmeg state Capital: Hartford

		<i>Population in 1920</i>	
.61	Litchfield	76 262	
.62	Hartford	336 027	
.63	<i>Hartford (city)</i>		138 036
.64	Tolland	27 216	
	Windham	52 815	
.65	New London	104 611	
.66	Middlesex	47 550	
.67	New Haven	415 214	
.68	<i>New Haven (city)</i>		162 537
.69	Fairfield	320 936	

DECIMAL CLASSIFICATION

974.7

New York

Area 49,204 sq. mi. 61 counties (exclusiv of Bronx)

Population 10,385,227 in 1920

Sobriquet: Empire state Capital: Albany

Population in 1920

.71	New York (city)	5 620 048	
.72	Vicinity of New York city		
.721	Long Island		2 723 764
.722	Kings county	2 018 356	
.723	Brooklyn		2 018 356
.724	Queens county	469 042	
5	Nassau "	126 120	
.725	Suffolk "	110 246	
.726	Richmond " Staten Island	116 531	
.727	Westchester "	344 436	
5	Bronx boro (and county)	732 016	
.728	Rockland county	45 548	
.73	Southeast counties		
.731	Orange, West Point	119 844	
.732	Putnam	10 802	
.733	Dutchess	91 747	
.734	Ulster	74 979	
.735	Sullivan	33 163	
.736	Delaware	42 774	
.737	Green	25 796	
.738	Catskill mts		
.739	Columbia	38 930	
.74	Middle east counties		
.741	Rensselaer	113 129	
	Troy		72 013
.742	Albany	186 106	
.743	Albany (city)		113 344
.744	Schenectady	109 363	
.745	Schoharie	21 303	
.746	Montgomery	57 928	
.747	Fulton	44 927	
.748	Saratoga	60 029	
.749	Washington	44 888	
.75	Northern counties		
.751	Warren	31 673	
	Lake George		
.752	Hamilton	3 970	
.753	Essex	31 871	
	Adirondaks		
.754	Clinton	43 898	
	Lake Champlain		
.755	Franklin	43 541	
.756	St Lawrence	88 121	
.757	Jefferson	82 250	
.758	Thousand Islands		
.759	Lewis	23 704	

HISTORY: UNITED STATES

New York

		<i>Population in 1920</i>	
974.76	North central counties		
.761	Herkimer	64 962	
.762	Oneida	182 833	
.763	<i>Utica</i>		94 156
.764	Madison	39 535	
.765	Onondaga	241 465	
.766	<i>Syracuse</i>		171 717
.767	Oswego	71 045	
.768	Cayuga	65 221	
.769	Seneca	24 735	
.77	South central counties		
.771	Tompkins	35 285	
.772	Cortland	29 625	
.773	Chenango	34 969	
.774	Otsego	46 200	
.775	Broome	113 610	
.776	<i>Binghamton</i>		66 800
.777	Tioga	24 212	
.778	Chemung	65 872	
.779	<i>Elmira</i>		45 393
.78	West central counties		
.781	Schuyler	13 098	
.782	Yates	16 641	
.783	Steuben	80 627	
.784	Alleghany	36 842	
.785	Livingston	36 830	
.786	Ontario	52 652	
.787	Wayne	48 827	
.788	Monroe	352 034	
.789	<i>Rochester</i>		295 750
.79	Western counties		
.791	Orleans	28 619	
.792	Genesee	37 976	
.793	Wyoming	30 314	
.794	Cattaraugus	71 323	
.795	Chautauqua	115 348	
.796	Erie	634 688	
.797	<i>Buffalo</i>		506 775
.798	Niagara	118 705	
.799	<i>Niagara Falls</i>		50 760

DECIMAL CLASSIFICATION

974.8

Pennsylvania

In territory claimed in 17th century by Sweden and then called New Sweden or New Swedeland

Area 45,126 sq. mi. 67 counties

Population 8,720,017 in 1920

Sobriquet: Keystone state Capital: Harrisburg

.81	Southeast counties	Philadelphia and Chester group	
			<i>Population in 1920</i>
.811	Philadelphia (co. and city)	1	823 779
.812	Montgomery		199 310
.813	Chester		115 120
.814	Delaware		173 084
.815	Lancaster		173 797
.816	Berks		200 854
.817	Schuylkill		217 754
.818	Dauphin		153 116
.819	Lebanon		63 152
.82	Eastern counties	Bucks group	
.821	Bucks		82 476
.822	Northampton		153 506
.823	Wayne		27 435
.824	Pike		6 818
.825	Monroe		24 295
.826	Carbon		62 565
.827	Lehigh		148 101
.83	Northeast counties	Northumberland group	
.831	Northumberland		122 079
.832	Luzerne		390 991
.833	<i>Wilkesbarre</i>		73 833
.834	Susquehanna		34 763
.835	Wyoming		14 101
.836	Lackawanna		286 311
.837	<i>Scranton</i>		137 783
.838	Columbia		48 349
.839	Montour		14 080
.84	Southeast central counties	Cumberland group	
.841	York		144 521
.842	Adams		34 583
.843	Cumberland		58 578
.844	Franklin		62 275
.845	Perry		22 875
.846	Mifflin		31 439
.847	Juniata		14 464
.848	Union		15 850
.849	Snyder		17 129
.85	Northeast central counties	East Lycoming group	
.851	Lycoming		83 100
.852			
.853	Center		44 304
.854	Clinton		33 555
.855	Potter		21 089
.856	Tioga		37 118
.857	Bradford		53 166
.858			
.859	Sullivan		9 520

HISTORY: UNITED STATES

**Pennsylvania**

974.86	Northwest central counties	West Lycoming group	
			<i>Population in 1920</i>
.861	Clearfield	103 236	
.862	Jefferson	62 104	
.863	McKean	48 934	
.864			
.865	Elk	34 981	
.866	Cameron	6 297	
.867	Warren	40 024	
.868	Forest	7 477	
.869	Clarion	36 170	
.87	Southwest central counties	Bedford group	
.871	Bedford	38 277	
.872	Fulton	9 617	
.873	Huntington	39 848	
.874			
.875	Blair	128 334	
.876	<i>Altoona</i>		60 331
.877	Cambria	197 839	
.878			
.879	Somerset	82 112	
.88	Southwest counties	Westmoreland group	
.881	Westmoreland	273 568	
.882	Washington	188 992	
.883	Greene	30 804	
.884	Fayette	188 104	
.885	Allegheny	1 185 808	
.886	<i>Pittsburg</i>		588 343
.887	<i>Allegheny City</i>		
	Annex to Pittsburg in 1907		
.888	Armstrong	75 568	
.889	Indiana	80 910	
.89	Northwest counties	Allegheny group	
.891	Butler	77 270	
.892	Beaver	111 621	
.893	Lawrence	85 545	
.894			
.895	Merger	93 788	
.896	Venango	59 184	
.897	Crawford	60 667	
.898			
.899	Erie	153 536	
.9	<b>New Jersey</b>		
	Area 8224 sq. ml. 21 counties		
	Population 3,155,900 in 1920		
	Sobriquet: Jersey Blue state	Capital: Trenton	
.91	<u>East Jersey</u>	<i>Population in 1920</i>	
.92	Northern counties		
.921	Bergen	210 703	
.922			
.923	Passaic	259 174	
.924	<i>Paterson</i>		135 875
.925			
.926	Hudson	629 154	
.927	<i>Jersey City</i>		298 103
.928	<i>Hoboken</i>		68 166

DECIMAL CLASSIFICATION

New Jersey

974.93

Central counties

*Population in 1920*

.931	Essex	652 089	
.932	<i>Newark</i>		414 524
.933	<i>Orange</i>		33 268
.934			
.935			
.936	Union	200 157	
.937	<i>Elizabeth</i>		95 783
.938	<i>Rahway</i>		11 042
.94	Southern counties		
.941	Middlesex	162 334	
.942	<i>New Brunswick</i>		32 779
.943			
.944	Somerset	47 991	
.945			
.946	Monmouth	104 925	
.947			
.948	Ocean	22 155	
.95	<u>West Jersey</u>		
.96	Central counties		
.961	Burlington	81 770	
.962			
.963			
.964			
.965	Mercer	159 881	
.966	<i>Trenton</i>		119 289
.967	<i>Princeton</i>		5 917
.97	Northern counties		
.971	Hunterdon	32 885	
.972	<i>Raritan</i>		4 457
.973			
.974	Morris	82 694	
.975			
.976	Sussex	24 905	
.977			
.978	Warren	45 057	
.98	Upper southern counties		
.981	Gloucester	48 224	
.982			
.983			
.984	Atlantic	83 914	
.985			
.986			
.987	Camden	190 508	
.988	<i>Camden (city)</i>		116 309
.99	Lower southern counties		
.991	Salem	36 572	
.992	<i>Salem City</i>		7 435
.993			
.994	Cumberland	61 348	
.995	<i>Bridgeton</i>		14 323
.996			
.997			
.998	Cape May	19 460	

975 Southeastern or South Atlantic

Including general works on the South

.1 Delaware

Area 1965 sq. mi.  
 Population 223,003 in 1920 3 counties  
 Sobriquets: Blue Hen state, Diamond state Capital: Dover  
*Population in 1920*

.11	Newcastle	148 239	
.12	<i>Wilmington</i>		110 168
.14	Kent	31 023	
.17	Sussex	43 741	

.2 Maryland

Area 12,327 sq. mi.  
 Population 1,449,661 in 1920 23 counties and Baltimore city  
 Sobriquet: Old Line state Capital: Annapolis

.21 Eastern Maryland

.221	Worcester	22 309	
.223	Somerset	24 602	
.225	Wicomico	28 165	
.227	Dorchester	27 895	
.231	Caroline	18 652	
.232	Talbot	18 306	
.234	Queen Annes	16 001	
.236	Kent	15 026	
.238	Cecil	23 612	

.24 Southern Maryland

.241	St Marys	16 112	
.244	Calvert	9 744	
.247	Charles	17 705	
.251	Prince Georges	43 347	
.255	Anne Arundel	43 408	
.256	<i>Annapolis</i>		11 214
.26	<i>Baltimore (city)</i>	733 826	

.27 North central

.271	Baltimore	74 817	
.274	Harford	29 291	
.277	Carroll	34 245	
.281	Howard	15 826	
.284	Montgomery	34 921	
.287	Frederick	52 541	
.288	<i>Frederick (city)</i>		11 066

.29 Western

.291	Washington	59 694	
.292	<i>Hagerstown</i>		28 064
.294	Allegany	69 938	
.295	<i>Cumberland</i>		29 837
.297	Garrett	19 678	

.3 District of Columbia, Washington (city)

Area 70 sq. mi.  
 Population (Washington) 437,571 in 1920

DECIMAL CLASSIFICATION

975.4 West Virginia

19 June 1863 admitted as 35th state Area 24,780 sq. mi.  
 Population 1,463,701 in 1920 55 counties  
 Sobriquet: Panhandle state Capital: Charleston

OUTLINE

- .41 Ohio valley
- .411 Northern Panhandle
- .42 Little Kanawha valley
- .43 Kanawha valley
- .44 Southwestern border counties
- .441 Guyandotte valley
- .446 Tug valley
- .45 Central plateau
- .451 Monongahela valley
- .46 Central counties
- .464 Elk valley
- .468 Gauley valley
- .47 New River valley
- .48 Alleghany crest Mountain counties
- .481 Cheat valley
- .486 Greenbrier valley
- .49 Eastern Panhandle Potomac valley

.41 Ohio valley

.411 Northern Panhandle

		<i>Population in 1920</i>	
.412	Hancock	19 975	
.413	Brooke	16 527	
.414	Ohio	62 892	
.415	<i>Wheeling</i>		56 208
.416	Marshall	33 681	
.417			
.418	Wetzel	23 069	
.419	Tyler	14 186	
.42	Little Kanawha valley		
.421	Pleasants	7 379	
.422	Wood	42 306	
.423	<i>Parkersburg</i>		20 050
.424	Ritchie	16 506	
.425			
.426	Wirt	7 536	
.427	Gilmer	10 668	
.428			
.429	Calhoun	10 268	
.43	Kanawha valley		
.431	Jackson	18 658	
.432			
.433	Mason	21 459	
.434			
.435	Putnam	17 531	
.436	Roane	20 129	
.437	Kanawha	119 650	
.438	<i>Charleston</i>		39 608
.439	Boone	15 319	



HISTORY: UNITED STATES

West Virginia: Ohio valley

975.44	Southwestern border counties		
.441	Guyandotte valley	<i>Population in 1920</i>	
.442	Cabell	65 746	
.4421	<i>Huntington</i>		50 177
.443	Lincoln	19 378	
.444	Logan	41 006	
.445	Wyoming	15 180	
.446	Tug valley		
.447	Wayne	26 012	
.448	Mingo	26 364	
.449	McDowell	68 571	
.45	Central plateau		
.451	Monongahela valley		
.452	Monongalia	33 618	
.453	<i>Morgantown</i>		12 127
.454	Marion	54 571	
.455	Taylor	18 742	
.456	Doddridge	11 976	
.457	Harrison	74 793	
.458	<i>Clarksburg</i>		27 869
.459	Barbour	18 028	
.46	Central counties		
.461	Lewis	20 455	
.462	Upshur	17 851	
.464	Elk valley		
.465	Webster	11 562	
.466	Braxton	23 973	
.467	Clay	11 486	
.468	Gauley valley		
.469	Nicholas	20 717	
.47	New River valley		
.471	Fayette	60 377	
.473	Raleigh	42 482	
.474	Mercer	49 558	
.476	Summers	19 092	
.478	Monroe	13 141	
.48	Alleghany crest	Mountain counties	
.481	Cheat valley		
.482	Preston	27 996	
.483	Tucker	16 791	
.484			
.485	Randolph	26 804	
.486	Greenbrier valley		
.487	Pocahontas	15 002	
.488	Greenbrier	26 242	
.489	<i>White Sulphur Springs</i>		837

## DECIMAL CLASSIFICATION

### West Virginia

975.49	Eastern Panhandle	Potomac valley
		<i>Population in 1920</i>
.491	Pendleton	9 652
.492	Grant	8 993
.493	Hardy	9 601
.494	Mineral	19 849
.495	Hampshire	11 713
.496	Morgan	8 357
.497	Berkeley	24 554
.498		
.499	Jefferson	15 729

### .5 Virginia

17 Ap. 1861 seceded; 26 Jan. 1870 readmitted      Area 40,262 sq. mi.  
 Population 2,309,187 in 1920      100 counties  
 Sobriquets: Old Dominion, Mother of Presidents      Capital: Richmond

### .6 North Carolina

20 May 1861 seceded; 25 June 1868 readmitted      Area 48,740 sq. mi.  
 Population 2,559,123 in 1920      100 counties  
 Sobriquet: Old North state      Capital: Raleigh

### .7 South Carolina

20 Dec. 1860 seceded; 25 June 1868 readmitted      Area 30,495 sq. mi.  
 Population 1,683,724 in 1920      46 counties  
 Sobriquet: Palmetto state      Capital: Columbia

### .8 Georgia

19 Jan. 1861 seceded; 25 June 1868 readmitted      Area 58,725 sq. mi.  
 Population 2,895,832 in 1920      155 counties  
 Sobriquet: Cracker state      Capital: Atlanta

### .9 Florida

1512 discovered by Ponce de Leon; 1565 settled by Spaniards; 23 Feb. 1819  
 bought of Spain  
 30 Mar. 1822 organized as territory  
 3 Mar. 1845 admitted as 27th state  
 10 Jan. 1861 seceded; 25 June 1868 readmitted      Area 54,861 sq. mi.  
 Population 968,470 in 1920      54 counties  
 Sobriquets: Everglade, Gulf state      Capital: Tallahassee

HISTORY: UNITED STATES

976 South Central or Gulf

.1 **Alabama**

1702 settled by French  
14 Dec. 1819 admitted as 22d state  
11 Jan. 1861 seceded; 25 June 1868 readmitted Area 51,279 sq. mi.  
Population 2,348,174 in 1920 67 counties  
Sobriquet: Land of Flowers Capital: Montgomery

.2 **Mississippi**

7 Ap. 1798 organized as territory; 10 Dec. 1817 admitted as 20th state  
9 Jan. 1861 seceded; 17 Feb. 1870 readmitted Area 46,362 sq. mi.  
Population 1,790,618 in 1920 82 counties  
Sobriquet: Bayou state Capital: Jackson

.3 **Louisiana**

1699 settled by French 30 Ap. 1803 bought of France 1 Oct. 1804 organized as Territory of Orleans  
30 Ap. 1812 Louisiana admitted as 18th state  
26 Jan. 1861 seceded; 25 June 1868 readmitted Area 45,409 sq. mi.  
Population 1,798,509 in 1920 64 parishes  
Sobriquets: Pelican state, Creole state Capital: Baton Rouge

.4 **Texas**

20 Dec. 1835 independence from Mexico declared; 2 Mar. 1836 republic formed  
29 Dec. 1845 annexed as 28th state  
1 Feb. 1861 seceded; 30 Mar. 1870 readmitted Area 262,398 sq. mi.  
Population 4,663,228 in 1920 253 counties  
Sobriquet: Lone Star state Capital: Austin

.5

.6 **Indian Territory Oklahoma**

30 June 1834 assigned to Indians (part of Louisiana purchase)  
Area 30,790 sq. mi.  
Population 800,000 in 1906  
Oklahoma organized as separate territory 2 May 1890  
16 Nov. 1907 admitted as 46th state Area 69,414 sq. mi.  
Population 2,028,283 in 1920 77 counties  
Sobriquet: Sooner state Capital: Guthrie

.7

**Arkansas**

4 June 1812 included in Missouri territory; 2 Mar. 1819 organized as Arkansas territory  
15 June 1836 admitted as 25th state  
6 May 1861 seceded; 22 June 1868 readmitted Area 52,525 sq. mi.  
Population 1,752,204 in 1920 75 counties  
Sobriquet: Bear state Capital: Little Rock

.8

**Tennessee**

1769 settled from Virginia; 14 Dec. 1784 organized by settlers as state of Franklin (or Frankland)  
1 June 1796 admitted as 16th state  
8 June 1861 seceded; 24 July 1866 readmitted Area 41,687 sq. mi.  
Population 2,337,885 in 1920 95 counties  
Sobriquet: Big Bend state Capital: Nashville

.9

**Kentucky**

1775 settled by Daniel Boone; 29 May 1790 territory organized  
1 June 1792 admitted as 15th state Area 40,181 sq. mi.  
Population 2,416,630 in 1920 120 counties  
Sobriquet: Blue Grass state Capital: Frankfort

DECIMAL CLASSIFICATION

977 North Central or Lake

.1 Ohio

19 Feb 1803 admitted as 17th state Area 40,760 sq. mi.

Population 5,759,394 in 1920 88 counties

Sobriquet: Buckeye state Capital: Columbus

.11 Northwest counties

		<i>Population in 1920</i>	
.111	Williams	24	627
5	Fulton	23	445
.112	Lucas	275	721
.113	<i>Toledo</i>		243 164
.114	Defiance	24	549
.115	Henry	23	362
.116	Wood	44	892
.117	Paulding	18	736
.118	Putnam	27	751
.119	Hancock	38	394
I	<i>Findlay</i>		17 021

.12 Central north counties

.121	Ottawa	22	193
4	Sandusky	37	109
.122	Erie	39	789
I	<i>Sandusky (city)</i>		22 897
.123	Lorain	90	612
I	<i>Lorain (city)</i>		37 295
.124	Seneca	43	176
I	<i>Tiffin</i>		14 375
.125	Huron	32	424
.126	Wyandot	19	481
.127	Crawford	36	054
.128	Richland	55	178
I	<i>Mansfield</i>		27 824
.129	Ashland	24	627

.13 Northeast counties

.131	Cuyahoga	943	495
.132	<i>Cleveland</i>		796 841
.133	Lake	28	667
6	Geauga	15	036
.134	Ashtabula	65	545
I	<i>Ashtabula (city)</i>		22 082
.135	Medina	26	067
.136	Summit	286	065
I	<i>Akron</i>		208 435
.137	Portage	36	269
.138	Trumbull	83	920
.139	Mahoning	186	310
I	<i>Youngstown</i>		132 358

HISTORY: UNITED STATES

Ohio

977.14 Central west counties

		<i>Population in 1920</i>	
.141	Van Wert	28	210
5	Mercer	26	872
.142	Allen	68	223
1	<i>Lima</i>		<i>41 326</i>
.143	Auglaize	29	527
.144	Hardin	29	167
.145	Shelby	25	923
.146	Logan	30	104
5	Champaign	25	071
.147	Darke	42	911
.148	Miami	48	428
1	<i>Piqua</i>		<i>15 044</i>
.149	Clark	80	728
1	<i>Springfield</i>		<i>60 840</i>

.15 Central counties

.151	Marion	42	004
1	<i>Marion (city)</i>		<i>27 891</i>
6	Morrow	15	570
.152	Knox	29	580
.153	Union	20	918
5	Delaware	26	013
.154	Licking	56	426
1	<i>Newark</i>		<i>26 718</i>
.155	Madison	19	662
.156	Franklin	283	951
.157	<i>Columbus</i>		<i>237 031</i>
.158	Fairfield	40	484
.159	Perry	36	098

.16 Central east counties

.161	Wayne	41	346
.162	Stark	177	218
1	<i>Canton</i>		<i>87 091</i>
3	<i>Massillon</i>		<i>17 428</i>
.163	Columbiana	83	131
1	<i>East Liverpool</i>		<i>21 411</i>
.164	Holmes	16	965
.165	Coshocton	29	595
.166	Tuscarawas	63	578
.167	Carroll	15	942
.168	Harrison	19	625
.169	Jefferson	77	580
1	<i>Stuebenville</i>		<i>28 508</i>

DECIMAL CLASSIFICATION

Ohio

977.17	Southwest counties		
		<i>Population in 1920</i>	
.171	Preble	23 238	
.172	Montgomery	209 532	
.173	Dayton		152 559
.174	Greene	31 221	
.175	Butler	87 025	
1	Hamilton (city)		39 675
.176	Warren	25 716	
5	Clinton	23 036	
.177	Hamilton	493 678	
.178	Cincinnati		401 247
.179	Clermont	28 291	
6	Brown	22 621	
.18	Central south counties		
.181	Fayette	21 518	
5	Pickaway	25 788	
.182	Ross	41 556	
1	Chillicothe		15 831
.183	Hocking	23 291	
7	Vinton	12 075	
.184	Highland	27 610	
7	Pike	14 151	
.185	Jackson	27 342	
.186	Adams	22 403	
.187	Scioto	62 850	
1	Portsmouth		33 011
.188	Lawrence	39 540	
1	Ironton		14 007
.189	Gallia	23 311	
.19	Southeast counties		
.191	Muskingum	57 980	
1	Zanesville		29 569
.192	Guernsey	45 352	
.193	Belmont	93 193	
.194	Morgan	14 555	
.195	Noble	17 849	
.196	Monroe	20 660	
.197	Athens	50 430	
.198	Washington	43 049	
1	Marietta		15 140
.199	Meigs	26 189	

HISTORY: UNITED STATES

977.2 **Indiana**

1809 Indiana territory with present boundaries established  
 11 Dec. 1816, Indiana admitted as 19th state  
 Population 2,930,390 in 1920 92 counties Area 36,350 sq. mi.  
 Soubriquet: Hoosier state Capital: Indianapolis

		<i>Population in 1920</i>	
.21	<b>Southeast counties</b>		
.211	Dearborn	20 033	
.212	Ohio	4 024	
	Switzerland	9 311	
.213	Jefferson	20 709	
.214	Ripley	18 694	
.215	Franklin	14 806	
.216	Decatur	17 813	
.217	Jennings	13 280	
.218	Scott	7 424	
	Clark	29 381	
	<i>Jeffersonville</i>		10 098
.219	Floyd	30 661	
	<i>New Albany</i>		22 992
.22	<b>Central south counties</b>		
.221	Harrison	18 656	
.222	Washington	16 645	
.223	Jackson	24 228	
.224	Bartholomew	23 887	
.225	Brown	7 019	
	Monroe	24 519	
.226	Lawrence	28 228	
.227	Orange	16 974	
.228	Crawford	11 201	
.229	Perry	16 692	
.23	<b>Southwest counties</b>		
.231	Spencer	18 400	
.232	Warrick	19 862	
.233	Vanderburg	92 293	
	<i>Evansville</i>		85 264
.234	Posey	19 334	
.235	Gibson	29 201	
.236	Pike	18 684	
.237	Dubois	19 915	
.238	Martin	11 865	
	Daviess	26 856	
.239	Knox	46 195	
.24	<b>West central counties</b>		
.241	Sullivan	31 630	
.242	Greene	36 770	
.243	Owen	12 760	
.244	Clay	29 447	
.245	Vigo	100 212	
	<i>Terre Haute</i>		66 083
.246	Vermilion	27 625	
	Parke	18 875	
.247	Fountain	18 823	
.248	Montgomery	28 490	
.249	Putnam	19 880	

DECIMAL CLASSIFICATION

Indiana

		Population in 1920	
977.25	Central counties		
.251	Morgan	20 010	
	Johnson	20 739	
.252	Marion	348 061	
	<i>Indianapolis</i>		314 194
.253	Hendricks	20 291	
.254	Boone	23 575	
.255	Clinton	27 737	
	Tipton	16 152	
.256	Hamilton	24 222	
.257	Madison	69 151	
	<i>Anderson</i>		29 767
.258	Hancock	17 210	
.259	Shelby	25 982	
.26	East central counties		
.261	Rush	19 241	
.262	Fayette	17 142	
	Union	6 021	
.263	Wayne	48 136	
	<i>Richmond</i>		26 765
.264	Henry	34 682	
.265	Delaware	56 377	
	<i>Muncie</i>		36 524
.266	Randolph	26 484	
.267	Jay	23 318	
.268	Blackford	14 084	
.269	Grant	51 353	
.27	Northeast counties		
.271	Huntington	31 671	
.272	Wells	20 509	
.273	Adams	20 503	
.274	Allen	114 303	
	<i>Fort Wayne</i>		86 549
.275	Whitley	15 660	
.276	Noble	22 470	
.277	Dekalb	25 600	
.278	Steuben	13 360	
.279	Lagrange	14 009	
.28	Central north counties		
.281	Elkhart	56 384	
.282	Kosciusko	27 120	
.283	Wabash	27 231	
.284	Miami	28 668	
.285	Howard	43 965	
.286	Cass	38 333	
	<i>Logansport</i>		21 626
.287	Fulton	16 478	
.288	Marshall	23 744	
.289	St Joseph	103 304	
	<i>South Bend</i>		70 983



HISTORY: UNITED STATES

**Indiana**

977.29 Northwest counties		<i>Population in 1920</i>	
.291	Laporte	50 443	
	<i>Michigan City</i>		19 457
.292	Starke	10 278	
	Pulaski	12 385	
.293	White	17 351	
.294	Carroll	16 315	
.295	Tippecanoe	42 813	
	<i>Lafayette</i>		22 486
.296	Warren	9 699	
.297	Benton	12 206	
	Newton	10 144	
	Jasper	13 961	
.298	Porter	20 256	
.299	Lake	159 957	

**.3 Illinois**

1809 Illinois territory formed 3 Dec. 1818 Illinois admitted  
 Area 56,043 sq. mi. Population 6,485,280 in 1920 102 counties  
 Sobriquet: Prairie state Capital: Springfield

		<i>Population in 1920</i>	
.31	Cook	3 053 017	
	<i>Chicago</i>		2 701 705
.32	Northeast counties		
.321	Lake	74 285	
.322	McHenry	33 164	
.323	Kane	99 499	
	<i>Aurora</i>		36 397
	<i>Elgin</i>		27 454
.324	Dupage	42 120	
.325	Will	92 911	
	<i>Joliet</i>		38 442
.326	Kendall	10 074	
	Grundy	18 580	
.327	Lasalle	92 925	
	<i>Streator</i>		14 779
.328	Dekalb	31 339	
.329	Boone	15 322	
.33 Northwest counties			
.331	Winnebago	90 929	
	<i>Rockford</i>		65 651
.332	Ogle	26 830	
.333	Stephenson	37 743	
	<i>Freeport</i>		19 669
.334	Jo Daviess	21 917	
	Carroll	19 345	
.335	Whiteside	36 174	
.336	Lee	28 004	
.337	Bureau	42 648	
	Putnam	7 579	
.338	Henry	45 162	
.339	Rock Island	92 297	
	<i>Rock Island (city)</i>		35 177
	<i>Moline</i>		30 734
	Mercer	18 800	

DECIMAL CLASSIFICATION

Illinois

		<i>Population in 1920</i>	
977.34	West central counties		
.341	Henderson	9 770	
	Warren	21 488	
.342	McDonough	27 074	
.343	Hancock	28 523	
.344	Adams	62 188	
	<i>Quincy</i>		35 978
.345	Pike	26 866	
	Scott	9 489	
.346	Morgan	33 567	
	<i>Jacksonville</i>		15 713
	Cass	17 896	
.347	Brown	9 336	
	Schuyler	13 285	
.348	Fulton	48 163	
.349	Knox	46 727	
.35	Central counties		
.351	Stark	9 693	
	Marshall	14 760	
.352	Peoria	111 710	
	<i>Peoria (city)</i>		76 121
.353	Woodford	19 340	
.354	Tazewell	38 540	
.355	Mason	16 634	
	Menard	11 694	
.356	Sangamon	100 262	
	<i>Spring field</i>		59 183
.357	Logan	29 562	
.358	Macon	65 175	
	<i>Decatur</i>		43 818
	Dewitt	19 252	
.359	McLean	70 107	
	<i>Bloomington</i>		28 725
.36	East central counties		
.361	Livingston	39 070	
.362	Ford	16 466	
.363	Kankakee	44 940	
.364	Iroquois	34 841	
.365	Vermilion	86 162	
	<i>Danville</i>		33 776
.366	Champaign	56 959	
.367	Piatt	15 714	
	Moultrie	14 839	
.368	Douglas	19 604	
.369	Edgar	25 769	

HISTORY: UNITED STATES

**Illinois**

977-37	Southeast counties	<i>Population in 1920</i>	
.371	Clark	21 165	
.372	Coles	35 108	
.373	Cumberland	12 858	
.374	Jasper	16 064	
.375	Crawford	22 771	
.376	Lawrence	21 380	
.377	Richland	14 044	
.378	Wabash	14 034	
.379	1 Edwards	9 431	
	2 Wayne	22 772	
	3 Jefferson	28 480	
	4 Marion	37 497	
	5 Clay	17 684	
	6 Effingham	19 556	
	7 Fayette	26 187	
	8 Shelby	29 601	
.38	Southwest counties		
.381	Christian	38 458	
.382	Montgomery	41 403	
.383	Macoupin	57 274	
.384	Greene	22 883	
.385	Calhoun	8 245	
	Jersey	12 682	
.386	Madison	106 895	
	<i>Alton</i>		24 682
.387	Bond	16 045	
	Clinton	22 947	
.388	Washington	18 035	
.389	St Clair	136 520	
	<i>Belleville</i>		24 823
	<i>East St Louis</i>		66 767
.39	Southern counties		
.391	Monroe	12 839	
.392	Randolph	29 109	
.393	Perry	22 901	
.394	Franklin	57 293	
.395	Hamilton	15 920	
.396	White	20 081	
.397	Gallatin	12 856	
.398	Hardin	7 533	
.399	1 Pope	9 625	
	2 Saline	38 353	
	3 Williamson	61 092	
	4 Jackson	37 091	
	5 Union	20 249	
	6 Johnson	12 022	
	7 Massac	13 559	
	8 Pulaski	14 629	
	9 Alexander	23 980	
	<i>Cairo</i>		15 203

DECIMAL CLASSIFICATION

977.4 Michigan

1805 Organized as separate territory

1837 Admitted

Area 78,915 sq. mi.

Population 3,668,412 in 1920 83 counties

Sobriquets: Wolverine, Lake state Capital: Lansing

Lower peninsula

		<i>Population in 1920</i>	
.41	Southwest counties		
.411	Berrien	62 653	
.412	Cass	20 395	
.413	Van Buren	30 715	
.414	Allegan	37 540	
.415	Ottawa	47 660	
.416	Barry	21 383	
.417	Kalamazoo	71 225	
.418	<i>Kalamazoo (city)</i>		48 487
.419	St Joseph	26 818	
.42	Central south counties		
.421	Branch	23 997	
.422	Calhoun	72 918	
	<i>Battle Creek</i>		36 164
.423	Eaton	29 377	
.424	Clinton	23 110	
.425	Shiawassee	35 924	
.426	Ingham	81 554	
.427	<i>Lansing</i>		57 327
.428	Jackson	72 539	
	<i>Jackson (city)</i>		48 374
.429	Hillsdale	28 161	
.43	Southeast counties		
.431	Lenawee	47 767	
.432	Monroe	37 115	
.433	Wayne	I 177 645	
.434	<i>Detroit</i>		993 678
.435	Washtenaw	49 520	
.436	Livingston	17 522	
.437	Genesee	125 668	
.438	Oakland	90 050	
.439	Macomb	38 103	
.44	Southeast central counties		
.441	St Clair	58 009	
	<i>Port Huron</i>		25 944
.442	Lapeer	25 782	
.443	Sanilac	31 237	
.444	Huron	32 786	
.445	Tuscola	33 320	
.446	Saginaw	100 286	
	<i>Saginaw (city)</i>		61 903
.447	Bay	69 548	
	<i>Bay City</i>		47 554
	<i>West Bay City</i>		
	Annex to Bay City in April 1905		
.448	Midland	17 237	
.449	Gratiot	33 914	

HISTORY: UNITED STATES

**Michigan**

977-45 Southwest central counties

*Population in 1920*

.451	Isabella	22 610	
.452	Mecosta	17 765	
.453	Montcalm	30 441	
.454	Ionia	33 087	
.455	Kent	183 041	
.456	<i>Grand Rapids</i>		137 634
.457	Muskegon	62 362	
	<i>Muskegon (city)</i>		36 570
.458	Newaygo	17 378	
.459	Oceana	15 601	

.46 Northwest central counties

.461	Mason	19 831	
.462	Manistee	20 899	
	<i>Manistee (city)</i>		9 694
.463	Benzie	6 947	
	Leelanau	9 061	
.464	Grand Traverse	19 518	
.465	Kalkaska	5 577	
.466	Missaukee	9 004	
.467	Wexford	18 207	
.468	Lake	4 437	
.469	Osceola	15 221	

.47 Northeast central counties

.471	Clare	8 250	
.472	Gladwin	8 827	
.473	Arenac	9 460	
.474	Iosco	8 199	
.475	Ogemaw	7 786	
.476	Roscommon	2 032	
.477	Crawford	4 049	
.478	Oscoda	1 783	
.479	Alcona	5 912	

.48 Northern counties

.481	Alpena	17 869	
.482	Presque Isle	12 131	
.483	Montmorency	4 089	
.484	Otsego	6 043	
.485	Antrim	11 543	
.486	Charlevoix	15 788	
.487	Cheboygan	13 991	
.488	Emmet	15 639	
.489	Manitou		

Annex to Charlevoix and Leelanau in 1896

DECIMAL CLASSIFICATION

**Michigan**

977-49 Upper peninsula		<i>Population in 1920</i>	
.491	Chippewa	24 818	
.492	Mackinac	8 026	
	Luce	6 149	
.493	Alger	9 983	
	Schoolcraft	9 977	
.494	Delta	30 909	
.495	Menominee	23 778	
	<i>Menominee (city)</i>		8 907
	Dickinson	19 456	
.496	Marquette	45 786	
	<i>Ishpeming</i>		10 500
.497	Baraga	7 662	
	Iron	22 107	
.498	Gogebic	33 225	
	Ontonagon	12 428	
.499	Houghton	71 930	
	Keweenaw	6 322	
	Isle Royale		

Annex to Keweenaw in 1897

**.5 Wisconsin**

1836 organized as territory  
 29 May 1848, admitted as 30th state Area 56,040 sq. mi.  
 Population 2,632,067 in 1920 71 counties  
 Soubriquet: Badger state Capital: Madison

.51 Northwest counties		<i>Population in 1920</i>	
.511	Douglas	49 771	
.512	<i>Superior</i>		39 671
.513	Bayfield	17 201	
.514	Burnett	10 735	
.515	Washburn	11 377	
.516	Sawyer	8 243	
.517	Polk	26 870	
.518	Barron	34 281	
.519	Rusk (formerly Gates)	16 403	

Name changed from Gates to Rusk in 1905. Gates organized from Chippewa in 1901

**.52 Central north counties**

.521	Ashland	24 538	
	<i>Ashland (city)</i>		11 334
.522	Iron	10 261	
.523	Vilas	5 649	
.524	Price	18 517	
.525	Oneida	13 996	
.526	Taylor	18 045	
.527	Lincoln	21 084	
.528	Clark	35 120	
.529	Marathon	65 259	
	<i>Wausau</i>		18 661

HISTORY: UNITED STATES

Wisconsin

		<i>Population in 1920</i>	
977-53	Northeast counties		
.531	Forest	9 850	
.532	Florence	3 602	
.533	Marinette	34 361	
.534	<i>Marinette (city)</i>		13 610
.535	Langlade	21 471	
.536	Shawano	33 975	
.537	Oconto	27 104	
.538	Waupaca	34 200	
.539	Outagamie	55 113	
	<i>Appleton</i>		19 561
.54	Central west counties		
.541	St Croix	26 106	
.542	Pierce	21 663	
.543	Dunn	26 970	
.544	Chippewa	36 482	
.545	Eau Claire	35 771	
.546	<i>Eau Claire (city)</i>		20 906
.547	Pepin	7 481	
.548	Buffalo	15 615	
.549	Trempealeau	24 506	
.55	Central counties		
.551	Jackson	17 746	
.552	Wood	34 643	
.553	Portage	33 649	
.554	Monroe	28 666	
.555	Juneau	19 209	
.556	Adams	9 287	
.557	Waushara	16 712	
.558	Marquette	10 443	
.559	Green Lake	14 875	
.56	Central east counties		
.561	Brown	61 889	
	<i>Green Bay (city)</i>		31 017
.562	Kewaunee	16 091	
.563	Door	19 073	
.564	Winnebago	63 897	
.565	<i>Oshkosh</i>		33 162
.566	Calumet	17 228	
.567	Manitowoc	51 644	
	<i>Manitowoc (city)</i>		17 563
.568	Fond du Lac	56 119	
	<i>Fond du Lac (city)</i>		23 427
.569	Sheboygan	59 913	
	<i>Sheboygan (city)</i>		30 955

DECIMAL CLASSIFICATION

**Wisconsin**

977.57 Southwest counties		<i>Population in 1920</i>	
.571	La Crosse	44 355	
.572	<i>La Crosse (city)</i>		30 421
.573	Vernon	29 252	
.574	Crawford	16 772	
.575	Richland	19 823	
.576	Sauk	32 548	
.577	Grant	39 044	
.578	Iowa	21 504	
.579	Lafayette	20 002	
.58 Central south counties			
.581	Columbia	30 468	
.582	Dodge	49 742	
.583	Dane	89 432	
.584	<i>Madison</i>		38 378
.585	Jefferson	35 022	
.586	Green	21 568	
.587	Rock	66 150	
	<i>Janesville</i>		18 293
.588	<i>Beloit</i>		21 284
.589	Walworth	29 327	
.59 Southeast counties			
.591	Washington	25 713	
.592	Ozaukee	16 335	
.593	Waukesha	42 612	
.594	Milwaukee	539 449	
.595	<i>Milwaukee (city)</i>		457 147
.596	Racine	78 961	
.597	<i>Racine (city)</i>		58 593
.598	Kenosha	51 284	
.599	<i>Kenosha (city)</i>		40 472

**.6 Minnesota**

3 Mar. 1849, organized as territory from Northwest territory and Louisiana purchase  
 11 May 1858, east part admitted as 32d state; west part merged in Dakota territory 1861  
 Population 2,387,125 in 1920    Area 80,858 sq. mi.    86 counties  
 Sobriquet: Gopher state    Capital: St. Paul

**.7 Iowa**

12 June 1838, organized as a territory  
 28 Dec. 1846, admitted as 29th state    Area 56,025 sq. mi.  
 Population 2,404,021 in 1920    99 counties  
 Sobriquet: Hawkeye state    Capital: Des Moines



HISTORY: UNITED STATES

Iowa

977-71	Northwest counties	Population 1910	
.711	Lyon	15 431	
6	Osceola	10 223	
.712	Dickinson	10 241	
5	Emmet	12 627	
.713	Sioux	26 458	
.714	O'Brien	19 051	
.715	Clay	15 660	
5	Palo Alto	15 486	
.716	Plymouth	23 584	
.717	Cherokee	17 760	
.718	Buena Vista	18 556	
.719	Pocahontas	15 602	
.72	Central north counties		
.721	Kossuth	25 082	
.722	Winnebago	13 489	
.723	Worth	11 630	
4	Mitchell	13 921	
.724	Hancock	14 723	
.725	Cerro Gordo	34 675	
.726	Floyd	18 860	
.727	Humboldt	12 951	
4	Wright	20 348	
.728	Franklin	15 807	
.729	Butler	17 845	
.73	Northeast counties		
.731	Howard	13 705	
5	Chickasaw	15 431	
.732	Winneshiek	22 091	
.733	Allamakee	17 285	
.734	Bremer	16 728	
.735	Fayette	29 251	
.736	Clayton	25 032	
.737	Blackhawk	56 570	
1	Waterloo		36 230
.738	Buchanan	19 890	
5	Delaware	18 183	
.739	Dubuque	58 262	
1	Dubuque (city)		39 141
.74	Central west counties		
.741	Woodbury	92 171	
1	Sioux City		71 227
.742	Ida	11 689	
4	Sac	17 500	
.743	Calhoun	17 783	
.744	Monona	17 125	
.745	Crawford	20 614	
.746	Carroll	21 549	
6	Greene	16 467	
.747	Harrison	24 488	
.748	Shelby	16 065	
6	Audubon	12 520	
.749	Guthrie	17 596	

DECIMAL CLASSIFICATION

Iowa

		Population in 1920	
977.75	Central counties		
.751	Webster	37 611	
I	Fort Dodge		19 347
.752	Hamilton	19 531	
.753	Hardin	23 337	
7	Grundy	14 420	
.754	Boone	29 892	
6	Story	26 185	
.755	Marshall	32 630	
I	Marshalltown		15 731
.756	Tama	21 861	
.757	Dallas	25 120	
.758	Polk	154 029	
I	Des Moines		126 468
.759	Jasper	27 855	
6	Poweshiek	19 910	
.76	Central east counties		
.761	Benton	24 080	
.762	Linn	74 004	
I	Cedar Rapids		45 566
.763	Jones	18 607	
.764	Jackson	19 931	
.765	Iowa	18 600	
5	Johnson	26 462	
.766	Cedar	17 560	
.767	Clinton	43 371	
I	Clinton (city)		24 151
.768	Muscatine	29 042	
I	Muscatine (city)		16 068
.769	Scott	73 952	
I	Davenport		56 727
.77	Southwest counties		
.771	Pottawattamie	61 550	
I	Council Bluffs		36 162
.772	Cass	19 421	
.773	Adair	14 259	
.774	Mills	15 422	
.775	Montgomery	17 048	
.776	Adams	10 521	
.777	Fremont	15 447	
.778	Page	24 137	
.779	Taylor	15 514	
.78	Central south counties		
.781	Madison	15 020	
.782	Warren	18 047	
.783	Marion	24 957	
.784	Mahaska	26 270	
.785	Union	17 268	
6	Clarke	10 506	
.786	Lucas	15 686	
5	Monroe	23 467	
.787	Ringgold	12 919	
5	Decatur	16 566	
.788	Wayne	15 378	
.789	Appanoose	30 535	

HISTORY: UNITED STATES

Iowa

977-79	Southeast counties	Population in 1920	
.791	Keokuk	20 983	
.792	Washington	20 421	
6	Louisa	12 179	
.793	Wapello	37 937	
1	<i>Ottumwa</i>		23 003
.794	Jefferson	16 440	
.795	Henry	18 298	
.796	Des Moines	35 520	
1	<i>Burlington</i>		24 057
.797	Davis	12 574	
.798	Van Buren	14 060	
.799	Lee	39 676	
1	<i>Keokuk (city)</i>		14 423

.8 Missouri

7 Dec. 1812, organized as a territory 10 Aug. 1821, admitted as 24th state  
 Population 3,404,055 in 1920 114 counties and St. Louis  
 Sobriquets: Bullion state, Iron state Capital: Jefferson Area 69,415 sq. mi.

.81	Northwest counties	Population in 1920	
.811	Atchison	13 008	
5	Holt	14 084	
.812	Nodaway	27 744	
6	Andrew	14 075	
.813	Buchanan	93 684	
1	<i>St. Joseph</i>		77 939
5	Platte	13 996	
.814	Worth	7 642	
5	Gentry	15 634	
.815	Dekalb	11 694	
5	Clinton	14 461	
.816	Clay	20 455	
.817	Harrison	19 719	
.818	Daviess	16 641	
5	Caldwell	13 849	
.819	Ray	20 508	
.82	Central north counties		
.821	Mercer	11 281	
5	Grundy	17 554	
.822	Livingston	18 857	
5	Carroll	20 480	
.823	Putnam	13 115	
5	Sullivan	17 781	
.824	Linn	24 778	
.825	Chariton	21 769	
.826	Schuyler	8 383	
4	Adair	21 404	
.827	Macon	27 518	
.828	Randolph	27 633	
1	<i>Moberly</i>		12 808
5	Howard	13 997	
.829	Boone	29 672	

DECIMAL CLASSIFICATION

Missouri

			<i>Population in 1920</i>	
977.83	Northeast counties			
.831	Scotland	10	700	
5	Knox	10	783	
.832	Shelby	13	617	
5	Monroe	16	414	
.833	Audrain	20	589	
5	Callaway	23	007	
.834	Clark	11	874	
5	Lewis	13	465	
.835	Marion	30	226	
1	<i>Hannibal</i>			19 306
5	Ralls	10	412	
.836	Pike	20	345	
.837	Lincoln	15	956	
.838	Montgomery	15	233	
6	Warren	8	490	
.839	St Charles	22	828	
.84	Central west counties			
.841	Jackson	367	846	
1	<i>Kansas City</i>			324 410
.842	Cass	21	536	
.843	Bates	23	933	
.844	Vernon	26	069	
.845	Lafayette	30	006	
5	Johnson	24	899	
.846	Henry	25	116	
6	St Clair	15	341	
.847	Saline	28	826	
.848	Pettis	35	813	
1	<i>Sedalia</i>			21 144
.849	Benton	12	989	
6	Hickory	7	033	
.85	Central counties			
.851	Cooper	19	308	
.852	Moniteau	13	532	
.853	Morgan	12	015	
.854	Camden	10	474	
.855	Cole	24	680	
1	<i>Jefferson City</i>			14 490
.856	Miller	15	567	
.857	Pulaski	10	490	
.858	Osage	13	559	
.859	Maries	9	500	
4	Phelps	14	941	
.86	Central east counties			
.861	Gasconade	12	381	
.862	Crawford	12	355	
.863	Franklin	28	427	
.864	Washington	13	803	
.865	St Louis	100	737	
.866	<i>St Louis (city)</i>			772 897
.867	Jefferson	26	555	
.868	St François	31	403	
.869	Ste Genevieve	9	809	
4	Perry	14	434	

HISTORY: UNITED STATES

Missouri

		<i>Population in 1920</i>	
977.87	Southwest counties		
.871	Barton	16 879	
.872	Jasper	75 941	
1	Joplin		29 902
2	Webb City		7 807
.873	Newton	24 886	
6	McDonald	14 690	
.874	Cedar	13 933	
5	Dade	14 173	
.875	Lawrence	24 211	
.876	Barry	23 473	
.877	Polk	20 351	
.878	Greene	68 698	
1	Springfield		39 631
.879	Christian	15 252	
4	Stone	11 941	
7	Taney	8 178	
.88	Central south counties		
.881	Dallas	12 033	
5	Laclede	16 857	
.882	Webster	16 609	
5	Wright	17 733	
.883	Douglas	15 436	
5	Ozark	11 125	
.884	Texas	20 548	
.885	Howell	21 102	
.886	Dent	12 318	
.887	Shannon	11 865	
5	Oregon	12 889	
.888	Iron	9 458	
5	Reynolds	10 106	
.889	Carter	7 482	
4	Ripley	12 061	
.89	Southeast counties		
.891	Madison	10 721	
.892	Wayne	13 012	
.893	Butler	24 106	
.894	Bollinger	13 909	
.895	Stoddard	29 755	
.896	Cape Girardeau	29 839	
.897	Scott	23 409	
.898	Mississippi	12 860	
5	New Madrid	25 180	
.899	Dunklin	32 773	
6	Pemiscot	26 634	

DECIMAL CLASSIFICATION

978 Western or Mountain

Including general works on 'the West'

.1 **Kansas**

1541 explored by Spanish  
30 May 1854 organized as separate territory, after successive inclusion in Louisiana and Missouri territories 29 Jan. 1861 admitted as 34th state  
Area 81,774 sq. mi. Population 1,769,257 in 1920 105 counties  
Sobriquet: Garden of the west Capital: Topeka

.2 **Nebraska**

30 May 1854 territory organized out of Missouri territory  
1 Mar. 1867 admitted as 37th state  
Area 76,808 sq. mi. Population 1,296,372 in 1920 93 counties  
Sobriquet: Blackwater state Capital: Lincoln

.3 **South Dakota** Including works on Dakota as a whole

2 Nov. 1889 admitted as 40th state (Dakota ter. organized 2 Mar. 1861, divided into North and South Dakota)  
Area 76,868 sq. mi. Population 636,547 in 1920 68 counties  
Sobriquet: Coyote state Capital: Pierre

.4 **North Dakota**

2 Nov. 1889 admitted as 39th state (Dakota ter. organized 2 Mar. 1861, divided into North and South Dakota)  
Area 70,183 sq. mi. Population 646,872 in 1920 53 counties  
Sobriquet: Flickertail state Capital: Bismarck

.5

.6 **Montana**

26 May 1864 territory organized. Name means Mountain land  
8 Nov. 1889 admitted as 41st state  
Area 146,201 sq. mi. Population 548,889 in 1920 51 counties  
Sobriquet: Treasure state Capital: Helena

.7 **Wyoming**

25 July 1868 Wyoming territory organized  
10 July 1890 admitted as 44th state  
Area 97,594 sq. mi. Population 194,402 in 1920 21 counties and Yellowstone national park  
Sobriquet: Stub Toe state Capital: Cheyenne

.8 **Colorado**

28 Feb. 1861 Colorado territory organized  
1 Aug. 1876 admitted as 38th state  
Area 103,658 sq. mi. Population 939,629 in 1920 63 counties  
Sobriquet: Centennial state Capital: Denver

.9 **New Mexico**

2 Feb. 1848 ceded by Mexico  
9 Sep. 1850 territory organized; enlarged 1853 by Gadsden purchase  
6 Jan. 1912 admitted as 47th state Area 122,503 sq. mi.  
Population 360,350 in 1920 29 counties Capital: Santa Fé

979 Pacific

.1 **Arizona**

2 Feb. 1848 ceded by Mexico, and enlarged by Gadsden purchase 1853  
24 Feb. 1863 territory organized 14 Feb. 1912 admitted as 48th state  
Area 113,810 sq. mi. Population 334,162 in 1920 14 counties  
Sobriquets: Valentine, Hassayampa state Capital: Phoenix

.2 **Utah**

2 Feb. 1848 ceded by Mexico 9 Sep. 1850 territory organized  
4 Jan. 1896 admitted as 45th state  
Area 82,184 sq. mi. Population 449,396 in 1920 29 counties  
Sobriquet: Salt Lake state Capital: Salt Lake City

.3 **Nevada**

2 Mar. 1861 territory organized 31 Oct. 1864 admitted as 36th state  
Area 109,821 sq. mi. Population 77,407 in 1920 17 counties  
Sobriquet: Silver state Capital: Carson

HISTORY: UNITED STATES

979-4

**California**

Admitted 9 Sep. 1850, as 31st state Area 155,652 sq. mi.

Population 3,426,861 in 1920 58 counties

Sobriquet: Golden state Capital: Sacramento

**Northern or Superior California**

Use 979.41 as a general number, including .41-.43

.41 Coast range counties, north *Population in 1920*

.411	Del Norte	2 759
.412	Humboldt	37 413
.414	Trinity	2 551
.415	Mendocino	24 116
.417	Lake	5 402
.418	Sonoma	52 090
.419	Napa	20 678

.42 Northeast counties

.421	Siskiyou	18 545
.423	Modoc	5 425
.424	Shasta	13 361
.426	Lassen	8 507
.427	Tehama	12 882
.429	Plumas	5 681

.43 North central counties

.431	Glenn	11 853
.432	Butte	30 030
.433	Colusa	9 290
.434	Sutter	10 115
.435	Yuba	10 375
.436	Sierra	1 783
.437	Nevada	10 850
.438	Placer	18 584

**Central California**

Use 979.44 as a general number, including .44-.48

.44 East central counties

.441	El Dorado	6 426
.442	Amador	7 793
.443	Alpine	243
.444	Calaveras	6 183
.445	Tuolumne	7 768
.446	Mariposa	2 775
.447	<i>Yosemite</i>	
.448	Mono	960

.45 Central counties

.451	Yolo	17 105
.452	Solano	40 602
.453	Sacramento	91 029
.454	<i>Sacramento (city)</i>	65 908
.455	San Joaquin	79 905
.456	<i>Stockton</i>	40 296
.457	Stanislaus	43 557
.458	Merced	24 579

DECIMAL CLASSIFICATION

California

979.46

West central counties San Francisco group

*Population in 1920*

.461	San Francisco co. and city	506 676	
.462	Marin	27 342	
.463	Contra Costa	53 889	
.465	Alameda	344 177	
	<i>Alameda (city)</i>		28 806
.466	<i>Oakland</i>		216 261
.467	<i>Berkeley</i>		56 036
.469	San Mateo	36 781	
.47	Coast range counties, south		
.471	Santa Cruz	26 269	
.473	Santa Clara	100 676	
.474	<i>San José</i>		39 642
.475	San Benito	8 995	
.476	Monterey	27 980	
.478	San Luis Obispo	21 893	
.48	South central counties		
.481	Madera	12 203	
.482	Fresno	128 779	
.483	<i>Fresno (city)</i>		45 086
.485	Kings	22 031	
.486	Tulare	59 031	
.487	Inyo	7 031	
.488	Kern	54 843	

Southern California

.49	Southern counties		
.491	Santa Barbara	41 097	
	Ilands: San Miguel, Santa Rosa, Santa Cruz, Santa Barbara		
.492	Ventura	28 724	
	Ilands: Anacapa, San Nicholas		
.493	Los Angeles	936 455	
	Ilands: Santa Catalina, San Clemente		
.494	<i>Los Angeles (city)</i>		576 673
.495	San Bernardino	73 401	
.496	Orange	61 375	
.497	Riverside	50 297	
.498	San Diego	112 248	
	<i>San Diego (city)</i>		74 683
.499	Imperial	43 453	



HISTORY: UNITED STATES

979-5

**Oregon**

14 Aug. 1848 territory organized 14 Feb. 1859 admitted as 33d state  
Area 96,607 sq. mi. Population 783,389 in 1920 36 counties  
Sobriquet: Beaver state Capital: Salem

.6

**Idaho**

3 Mar. 1863 territory organized. Part of Louisiana purchase. First  
included in Oregon, later in Washington territory  
3 July 1890 admitted as 43d state  
Area 83,354 sq. mi. Population 437,866 in 1920 44 counties  
Sobriquet: Gem state Capital: Boise

.7

**Washington**

2 Mar. 1853 territory organized; earlier, part of Oregon territory  
11 Nov. 1889 admitted as 42d state  
Area 66,836 sq. mi. Population 1,356,621 in 1920 39 counties  
Sobriquet: Evergreen state Capital: Olympia

.8

**Alaska**

30 Mar. 1867 ceded by Russia 24 Aug. 1912 organized as territory  
Area 570,884 sq. mi. Population 55,036 in 1920 Capital: Juneau

DECIMAL CLASSIFICATION

- 980 South America**  
 981 Brazil  
 982 Argentina Patagonia  
 983 Chile  
 984 Bolivia  
 985 Peru  
 986 U. S. of Colombia Panama New Granada  
       Ecuador  
 987 Venezuela  
 988 Guiana  
 989 Paraguay Uruguay
- 990 Oceania Polar regions**  
 991 Malaysia  
       .1 Borneo .2 Celebes .3 Moluccas or Spice islands .4 Philippine  
       islands  
 992 Sunda  
       .1 Sumatra .2 Java  
 993 Australasia  
       .1 New Zealand .2 New Caledonia .3 Loyalty islands .4 New  
       Hebrides .5 Solomon islands .6 New Britain, New Ireland  
       .7 Admiralty islands  
 994 Australia  
       .1 Western Australia .2 South Australia .3 Queensland .4 New  
       South Wales .5 Victoria .6 Tasmania  
 995 New Guinea  
 996 Polynesia  
       .1 Fiji, Friendly and Navigator islands .2 Society, Austral and  
       Cook's islands .3 Marquesas islands and Low Archipelago .4 Minor  
       Polynesian islands .5 Micronesia .6 Caroline and Pelew islands  
       .7 Ladrone islands .8 Marshall and Gilbert islands .9 Hawaii  
 997 Isolated islands  
 998 Arctic regions  
       General number for Polar regions  
 999 Antarctic regions

# RELATIV SUBJECT INDEX

## INDEX ABBREVIATIONS

**Cutter forename abbreviations** Most common forenames of men are denoted by initial and colon; of women by initial and double period.

A.. Anna	G: George	L.. Louisa	S: Samuel
A: Augustus	G.. Grace	M: Mark	S.. Sarah
B.. Beatrice	H.. Helen	M.. Mary	T.. Theresa
B: Benjamin	H: Henry	N.. Nancy	T: Thomas
C: Charles	I: Isaac	N: Nicholas	U: Ulrich
C.. Charlotte	I.. Isabella	O.. Olivia	U.. Ursula
D: David	J.. Jane	O: Otto	V: Victor
D.. Delia	J: John	P.. Pauline	V.. Victoria
E: Edward	K: Karl	P: Peter	W.. Wilhelmina
E.. Elizabeth	K.. Kate	R.. Rebecca	W: William
F.. Fanny	L: Lewis	R: Richard	Z.. Zenobia
F: Frederick			

**Other abbreviations** exclusiv of common geografic abbreviations and others selfexplanatory; e. g. those made by omitting final -ment, -ogy, -rafy, -tion, -ture, obscure syllables, etc.

adj.	adjutant	elec.	electric -ity	nat.	natural, nature
anal.	analysis	eng.	engineering	nonchr.	nonchristian
anat.	anatomy	eth.	ethical, ethics	ord.	order, orders
anc.	ancient	exped.	expedition	ordn.	ordnance
antiq.	antiquities	fest.	festival	org.	organ -ic
arch.	archeology	fic. <i>or</i>	fiction	ong.	origin -al
	architecture	fict.		phil.	philosofe -y
ass'n	association	gard.	gardening	philol.	philology
astr.	astronomy	gen.	general	phot.	photographic -y
bibliog.	bibliografic	geod.	geodesy	phys.	physical
biog.	biografy	geog.	geografic		physiologic -y
bdg	bilding	geol.	geology	poet.	poetry
bus.	business	geom.	geometry	pol. <i>or</i>	political <i>or</i>
ch.	church	gov. <i>or</i>	government	polit.	politics
chem.	chemic	gov't		prac.	practical
	chemistry	histol.	histology	pres.	presidency
chr.	christian	hist.	historic -y		president
civ.	civil	hum.	humor	prob.	probabilities
co.	county	hyg.	hygiene	prot.	protection
cont.	contagious	instr.	instrument	psych.	psychologic -y
cost.	costume	lang.	language	pub.	public
crim.	criminal	lib.	library -ian	reg.	region
Dan.	Danish	lig.	ligament	relig.	religion, -ous
dec.	decoration	lit.	literature	rit.	ritual
descr.	description	loc.	local -ity	sat.	satire
	descriptiv	mach.	machine -ry	sci.	science, -tific
diff.	different	manuf.	manufactures	serm.	sermons
dis.	diseases	mech.	mechanic	soc.	social, society
discov.	discovery	ment.	mental	stat.	statutes
doc.	doctrin -al	meth.	methods	subj.	subject
dom.	domestic	mfg	manufacturing	tech.	technology
dram.	drama	mil.	military	theol.	theologic -y
dwel.	dwelling	min.	mineral	theor.	theoretic
eccles.	ecclesiastic		mining	therap.	therapeutics
	ecclesiology	misc.	miscellany	wks	works
econ.	economic -y	mon.	monastic		

## HOW TO USE THIS INDEX

Find the subject desired in its alphabetical place in the index. The number after it is its class number and refers to the place where the topic will be found, in numerical order of class numbers, on the shelves or in the subject catalogs. All class numbers are decimals; i. e., 571.34, Bronze remains, comes before 571.4, Iron age, and both of them before 572, Ethnology. Printed labels on the shelves or drawer fronts guide readily to the class number sought.

Under this class number will be found the resources of the library on the subject desired. Other subjects near the one sought may often be consulted with profit; e. g., Communism is the topic wanted and the index refers to 335.4, but 335, Socialism, and even the inclusive division 33c, Political economy, also contain much on this subject. The reverse is equally true; the full material on Socialism can only be had by looking at its divisions 335.3, Fourierism, 335.4, Communism, etc. The topics which are thus subdivided are plainly marked in the index by heavy faced type.

## **THIS INDEX CONTAINS**

in a single alphabet all the subjects named in the Complete Tables of the Decimal Classification together with their synonyms and such other useful topics as could be found in a selection of the largest dictionary and subject catalogs.

Where nothing is found under any number it shows that the library does not yet possess any book on that topic.

## **IT DOES NOT INCLUDE**

all names of places, minerals, plants, etc., but gives only those used in the full tables and a farther selection of the most common and useful. It is not a biographical dictionary and gives **no names of persons** as biographical headings, but only such as appear in the tables in connection with some subject like Philosophy, Literature, or History.

To avoid swelling the index by frequent repetitions of long lists of sub-divisions under every country, language, etc., five general tables have been prepared; viz. 1, Geographical divisions; 2, Form divisions; 3, Languages; 4, Philological divisions; 5, Literatures. These are placed at the end and referred to from all such topics in the index. Explanations precede each index table.

## Relativ Subject Index

A B C telegraf	elec. eng.	621.38222	Abduction	criminal law	343
A L A publishing board		020.627	Abductors	anatomy	↓
A la carte table system		642.53	digiti quinti brevis		611.73776
Aagesen, Svend	Dan. misc.	839.8812	hallucis		611.7389
Abaca	agriculture	633.571	of thumb, long		611.73767
Abacus	arithmetic	511.2	short		611.73773
Abandoned children, <i>see</i> Dependents			Abecedarians	christ. sect	284.3
Abattoirs			Abelard	medieval philos.	189.4
architecture		725.28	Abelian functions		517.36
public helth		614.741	<sup>1</sup> Aberdeen, Scot.	history	941.25
sanitary engineering		628.549	travels		914.125
Abbasides	history	956	Angus	cattle	636.2231
Abbéville, treaty inter. law		341.2	Aberration		
Abbey schools	education	377.3	astronomy	corrections	522.94
Abbeys	architecture	726.7	chromatic	optics	535.4
history		271	<b>mental</b>	<b>disease</b>	<b>616.8</b>
Abbot of misrule	customs	394	hospitals		362.2
Abbots	monastic orders	271	<b>insanity</b>		132
Abbreviations			puerperal		618.76
English paleografy		421.8	spheric	optics	535.3
Greek	"	481.8	Abeyance		347.6
Latin	"	471.8	Ability, human	doctrin	233.4
other languages			Abiogenesis		
literary methods		029.4	animals		591.161
shorthand		653.1	biology		576.1
Abchasian language		494	plants		581.161
Abdication			Abipones	history	982
absolute monarchy		321.6	<sup>1</sup> Abitibi co. Que.	history	971.412
constitutional history		342	Abjuration		
monarchy		321.7	oath of	relig. hist.	283.42
Abdomen	anatomy	611.95	Ablation		
surgery		617.55	of brain	physiology	612.8226
Abdominal			liver	"	612.359
aorta	anatomy	611.136	stomach	"	612.3235
esophagus	"	611.3293	Ablativ	Latin syntax	475.5
lymph glands	"	611.465	Ablaut	Eng. orthografy	421.2
lymphatics	"	611.4215	Ger.	"	431.2
muscles	"	611.736	other languages		
oblique muscles	"	611.7363	Ablution	Anglican ritual	264.035
sympath. ganglions	"	611.899	Abnormal		
physiol.		612.893	children	child study	136.76
nervs	anat.	611.8393	education		371.9
Abdomino-aortic			development of embryo		617.3
glands	anatomy	611.4652	labor	obstetrics	618.5
Abducent			Abn, peace of	treaties	341.2
nerv	anatomy	611.8316	Abode of animals		
eye		612.8466	geografic distribution		591.9
physiology		612.8196	habits		591.52
nucleus	anatomy	611.8175			

Topics in black face type are subdivided Superior figures refer to the tables at the end of this index

Abolition			
movement	U. S. hist.	973.7114	
of legis. bodies	pol. sci.	328.394	
slavery	" "	326.8	
	U. S. hist.	973.714	
<b>Abolitionists</b>	<b>biography</b>	<b>923.6</b>	
<b>Aborigines</b>			
<b>American antiquities</b>		913.7	
ethnology		572.97	
<b>history</b>		<b>970.1</b>	
<b>prehistoric archeology</b>		<b>571</b>	
<b>Abortion</b>			
ethics		173.4	
<b>law</b>		<b>343</b>	
pathology of pregnancy		618.39	
About, E.F.V.	French fic.	843.86	
Abrasions	surgery	617.13	
Abrasivs	engineering	621.92	
Abraxas	gems	736	
	gnostics	273.1	
Abridged notation			
modern analyt. geom.		516.52	
Abridging	literary meth.	029.4	
	<b>shorthand</b>	<b>653</b>	
Abridgments	Eng. law	346.5	
	U. S. law	345.5	
<sup>1</sup> Abruzzo, Italy	history	945.71	
	travels	914.571	
<b>Abscess</b>			
in lungs	diseases	616.244	
surgery		617.23	
<b>Absence</b>			
leave of	laboring classes	331.816	
	military sci.	355.11	
permits	school rewards	371.53	
Absences	school disciplin	371.52	
Absent voting	suffrage	324.247	
Absenteeism	Irish hist.	941.5	
Absentmindedness	psych.	151.4	
Absolute geometry		513.8	
	majority suffrage	324.262	
	the ontology	111	
Absolution	sacrament	265.6	
Absolutism	pol. sci.	321.6	
	predestination	234.9	
<b>Absorbent system</b>	<b>animals</b>	<b>591.13</b>	
	man	612.3	
	plants	581.13	
Absorbing wells	sanita.	628.542	
<b>Absorption</b>			
by skin	physiology	612.791	
soil	agriculture	631.432	
hygiene of employment		613.63	
<b>Absorption</b>			
<b>in intestine</b>	<b>physiology</b>	<b>612.3327</b>	
large intestin		612.364	
peritoneum	physiol.	612.3391	
<b>stomach</b>	"	<b>612.3227</b>	
urin. passages	"	612.4672	
lymphatic	"	612.426	
of heat	physics	536.34	
light	"	535.3	
liquids	"	532.7	
in lungs	physiol.	612.2159	
<b>physiology</b>		<b>612.38</b>	
Abstinence	asceticism	248	
	temperance	178.2	
Abstracting	lit. methods	029.4	
Abstraction	philosophy	153.3	
Abstracts of titles	law	347.2	
Abutments	bridges	624.16	
<sup>1</sup> Abyssinia	history	963	
<sup>4</sup>	language	492.8	
	travel	916.3	
Abyssinian milk goat		636.3986	
<b>Academic</b>			
<b>degrees and costume</b>		<b>378.2</b>	
<b>education</b>		<b>373</b>	
freedom	education	378.121	
	pol. sci.	323.444	
	sermons	252.5	
Academicians, biography of		920.6	
<b>Academies</b>			
architecture		727.2	
<b>female</b>		<b>376.9</b>	
<b>learned gen. societies</b>		<b>060</b>	
<sup>2</sup>	of special subj. see subj.		
<b>national gen. societies</b>		<b>060</b>	
<sup>3</sup>	of special subj. see subj.		
<b>private, for boys</b>		<b>373</b>	
	girls	376.9	
	mixt	373	
<b>public, history</b>		<b>379</b>	
	theory	379.171	
scientific		506	
Academy, new	Gk philos.	186.2	
	older	"	184
<sup>1</sup> Acadia, Nova Scotia	hist.	971.6	
<b>Acalepha</b>	<b>zoology</b>	<b>593.73</b>	
Acanthaceæ	botany	583.86	
Acanthocephala	parasites	616.966	
Acanthopteri	zoology	597.5	
Acapnea	physiol.	612.2842	
Acaridæ	animal parasites	616.9685	
	zoology	595.4	
Acarnania, Greece	ancient	938.3	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Acceleration of the moon	523.33	Acclimatization	
Accent		plants	agric. 631.525
<sup>3</sup> pronunciation	Eng. lang. 421.6	botany	581.52
<sup>3</sup> prosody	" " 426.1	zootechny	636.0836
Access to library shelves	024.56	Accommodation, optic	
Accession		disorders of	617.75
book	library admin. 025.24	physiology	612.8421
dep't	" " 025.2	Accomplishes	crim. law 343
Accessories		Accordeon	music 788.9
accumulator	elec. eng. 621.3547	Accountability	doctrin 233.4
architectural	729.9	Accounts	
arc-light	elec. eng. 621.3257	book-keeping	657
artillery	mil. " 623.46	butter business	637.216
boiler	steam " 621.1847	cheese	" 637.316
chemic receptacles	542.23	farm	631.16
electric		household	dom. econ. 647.1
machinery	elec. eng. 621.316	laundry	" " 648.11
rolling stock	" " 621.3344	library admin.	025.114
traction line	" " 621.3327	milk business	637.116
gasoline engines	621.437	stock farming	636.0816
hydraulic machinery	621.267	supervision of bilding	692.7
library bildings	022.349	Accouterments	agriculture 636.0837
of dress	domest. econ. 646.48	mil. science	355.81
primary cell	elec. eng. 621.3537	Accubation	soc. customs 394.1
school bildings	371.629	Accumulation	capital 331
steam plant	621.197	Accumulator	
telegraf	621.38329	panels	elec. eng. 621.31728
voltaic battery	engin'g 621.352	substations	" " 621.31265
Accessory		Accumulators	
nuclei	anatomy 611.8187	electric engineering	621.354
obturator nerv	anatomy 611.83561	hydraulic	621.254
Accidence		physics	537.84
English language	425.1	telephone stations	621.38762
<sup>3</sup> other languages		Accusativ	
Accidents		etymology, Greek	482.5
dangerous occupations	613.66	Latin	472.5
industrial	614.83	<sup>3</sup> other languages	
insurance	business 368.4	syntax, Greek	485.5
economics	331.25	Latin	475.5
medicine	617.1	<sup>3</sup> other languages	
military explosivs	623.483	Acephala	zoology 594.1
milk	637.16	Acetabulum	anatomy 611.7181
miners	622.85	Acetates	diuretics 615.761
police mesures	351.78	Acetonuria	physiol. 612.46661
protection of public	614.8	Acetylene	
railroad	656	chemic technology	665.8
Acchmatization		heat	prac. chem. 542.42
animals	591.52	light	dom. econ. 644.314
evolution	575.3	lib.	" 022.753
hygiene	613.11	stoves	643.334
man	573.4	Acetylenes	organ. chem. 547.23
mental influence	136.2	Achaia, Greece	anc. hist. 938.7
		Achaian leag	" " 938.08

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Achlamydo</b> sporeæ botany	583.94	<b>Acting</b> ethics	175.2
<b>Achlorophyllæ</b> botany	589.9	theater	792
<b>Achromatism</b> optics	535.4	<b>Actiniaria</b> zoology	593.6
<b>Acid</b>		<b>Actinism</b> optics	535.85
in gastric juice	612.3212	photography	771
poisons	615.921	<b>Actinium</b> chemistry	546.842
waters	622.57	<b>Actinometer</b> physics	536.6
<b>Acidimetry</b> chemistry	545.2	<b>Actinotherapy</b> medicin	615.831
<b>Acids</b>		<b>Actinozoa</b> zoology	593.6
aids to digestion	615.7343	<b>Action</b> legislativ procedure	328.374
chemic technology	661.2	<b>Actions</b> legal procedure	347.9
disinfectants	614.484	<b>Actors</b> biography	927.92
fixt materia medica	615.34	<b>Acts</b>	
organic chemistry	547.7	and resolves Am. stat.	345.1
qualitativ analysis	544.13	Eng. "	346.1
theoretic chemistry	541.4	of learned societies gen.	060
vegetable drugs	615.338	for spec. subjects see topic	
<b>Acini of breasts</b> anatomy	611.692	legialativ bodies, U. S.	345.1
<b>Acology</b> medicin	615.5	the Apostles	226.6
<b>Aconite</b>		<b>Aculeata</b> zoology	595.79
botany	583.111	<b>Acupuncture</b> therapeutics	615.814
medicins	615.323111	<b>Acute diseases</b>	616
poisons	615.98	<b>Acyclic machines</b> elec. eng.	021.313291
therapeutics	615.716	<b>Ad valorem</b> duty	
<b>Acorn, colonial order of the</b>	369.126	customs	336.26
<b>Acoustic</b>		protection	337
nerv anatomy	611.8318	taxes	336.26
physiol. of ear	612.8585	<b>Adages</b>	
" " nervs	612.8198	English literature	828
perception "	612.8587	other literatures	
<b>Acoustics</b>		folklore	398.9
applications to architect.	534.84	<sup>1</sup> Adair co. Ia. history	977.773
music	781.1	<sup>1</sup> Mo. "	977.8264
physics	534	<b>Adam, Onkle</b> Swed. fict.	839.7364
<b>Acquisition</b>		<b>Adam de la Halle</b> Fr. dram	842.12
library methods	025.22	<b>Adamites</b> heresy	273.9
of farm	631.11	<b>Adam's fig</b> fruit culture	634.773
stock zootechny	636.0811	<b>Adams, J:</b> presidency of	973.44
territory pol. scl.	320.126	J: Q. "	973.55
<b>Acrania</b> zoology	597.1	<sup>1</sup> Adams co. Ill. history	977.344
<b>Acrididæ</b> entomology	595.73	travels	917.7344
<b>Acrobats</b>		<sup>1</sup> Ind. history	977.273
amusements	791	<sup>1</sup> Ia. "	977.776
ethics	175.1	<sup>1</sup> O. "	977.186
<b>Acrogens</b> botany	586	<sup>1</sup> Pa. "	974.842
<b>Acromioclavicular joint</b>	611.72724	<sup>1</sup> Wis. "	977.556
<b>Acromion</b> anatomy	611.7171	<sup>1</sup> Adana, Asiatic Turk. hist.	956.4
<b>Acromiothoracic arteries</b>	611.1341	<b>Adaptability of soil</b>	631.44
<b>Acropolis</b>		<b>Adaptation</b> evolution	575.3
architecture	722.8	<b>Adapters</b> prac. chem.	542.231
Grecian antiquities	913.385	<b>Adding machines</b>	510.8
<b>Acrostics</b> Eng. language	828	<sup>1</sup> Addington co. Ont. hist.	971.359
<b>Actinaria</b> zoology	593.65	<b>Addison, J.</b> Eng. essays	824.52

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Addison co. Vt.	history	974.35	Administrativ		
	travels	917.435	law		350
Addison's disease		616.45	reform		351.6
Addition arithmetic		511.2	rooms lib. bldgs		022.62
Addresses			Administrator law		347.6
<b>American literature</b>		815	<b>Admirals biography</b>		923.5
<sup>5</sup> other "			Admiralty		
and petitions			English navy		354.427
control of admin.		351.97	foren countries		354
legislativ procedure		328.372	<sup>1</sup> islands history		993.7
library propagandism		021.78	law		347.7
on education		370.4	<b>Admission school</b>		371.21
<sup>2</sup> spec. topics see topic			<b>Adnexa, uterin anatomy</b>		611.65
U. S. history	civil war	973.794	Adobe masonry		693.22
	revolution	973.394	Adolescence		
	war of 1812	973.5294	childstudy		136.7
Addressing machines		652	ration during physiol.		612.394
Adductors			Adolphus German hist.		943.026
of thigh anatomy		611.73824	Adonhiramite free masonry		366.1
toes "		611.7389	Adoption family law		347.6
pollicis "		611.73773	Adoptionists heresies		273.9
Adenoid tissue histology		611.01824	Adsorption pneumatics		533.1
Adenoids pathology		616.21	Adult mortality pub. helth		614.134
	surgery	617.42	Adulterations		
Adhesion physics		539.2	butter		637.26
Adhesivs bldg		691.5	<b>chemic analysis</b>		543
	engin.	620.15	technology		660
Adipogenic function			fertilizer agric.		631.818
physiology		612.3522	milk		637.16
Adipose			public helth		614.3
bodies anatomy		611.39	Adultery ethics		176.6
tissue histology		611.01826	law		343
Adiposity physiol.		612.3977	Advent Anglican festivals		264.031
Adirondacks travel		917.4753	second christol.		232.6
Adjectiv forms			Adventists, second biog.		922.6
<sup>3</sup> etymology Eng. lang.		422.6	sect		286.7
<sup>3</sup> inflection " "		425.16	Adventitious nerv sheath		
<sup>3</sup> syntax " "		425.6	histology		611.018835
<sup>3</sup> other languages			Adventures { biography		923.9
Adjournment legis. bodies		328.356	travels, etc.		910
Adjustable speed motors		621.313247	Adverbs, etymol. Eng. lang.		422.9
tooth harrow		631.3131	<sup>3</sup> other lang.		
Adjutages		532.52	syntax Eng. lang.		425.9
Adjutant general's rpt, U. S.		353.6	<sup>3</sup> other lang.		
Administration			Adverse possession law		347.2
engineering works		621.704	Adversity pauperism		339
household dom. econ.		647	Advertising		
individual libraries		025.18	bilding contracts		692.4
library		025	commerce		659.1
of medicins therapeutics		615.6	department journalism		070.36
political science		350	library propagandism		021.73
Administrativ			publishing		655.55
action, subjects of		351.7	self newspaper expenses		070.348
bildings architecture		725.1	methods		070.336
control		351.91	Advocacy		347.92

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Advocates, Faculty of	347.06	Ætolian leag	Greek hist.	938.08
lives	923.4	Affections	physiol, psych.	612.82133
Advowsons	canon law	psychology		157
348		Affidavits		347.94
Ædiles	Roman antiquities	Affinity	chemistry	541.39
913.37		family law		347.6
Ælfric	Anglo Saxon lit.	Affixes	English language	422.2
829.6		other languages		
Æolian harp	music			
787.5		Affliction		
Æolic dialect	Greek lang.	<sup>4</sup> Afghani language		491.58
487.921		religion		299.158
Aerated		<sup>1</sup> Afghanistan	history	958
bred	cookery	travel		915.8
641.6		Afids	pests	632.75
waters	chem. tech.	Africa	antiquities	913.6
663.6		botany		581.96
hygiene		geology		556
613.38		<sup>1</sup> history		960
Aeration		statistics		316
water purification		travels		916
628.16		other topics see table 1		
Aerial		<sup>1</sup> North	history	961
bridges	engineering	travels		916.1
624.86		<sup>1</sup> Central	history	966
erosion	geology	Propria, ancient	"	939.73
551.37		<sup>1</sup> South	"	968
layering	agriculture	Central	"	967
631.5344		African		
lines	elec. eng.	colonization	sociology	325.6
621.31922		discovery of America		973.11
maps	aeronautics	geese		636.59886
629.145		languages		496
navigation	see Aeronautics	Ethiopic		492.8
operations	Great war	Hamitic		493
940.44		methodist church		287.8
topogrfy	aeronautics	mortality	public heath	614.144
629.145		sheep		636.386
transport	sociol.	slave trade		326.1
387		swine		636.486
useful arts		Afterbrain	anatomy	611.818
629.13		After dinner speeches		642.48
Aerials		Afternoon tea	dom. econ.	642.2
wireless telephony		lib.	"	021.5
621.38465		recipes		641.53
telegrafy		Agamogenesis	animals	591.165
621.38435		Agave fibers		633.577
Aerobic cells	physiol.	Age		
612.01411		mental characteristics		136.5
Aerodromes	aeronautics	of animals	zoology	591.139
629.144		zootechny		636.08116
Aerodynamics	engineering	despots	Ital. hist.	945.05
physics		legislators	pol. sci.	328.331
533.6		man	physiology	612.68
Aerolites	astronomy	somatology		573.3
523.51		statistics		312
Aerology	geology	plants	grafting	631.5412
551.5				
Aerometers	prac. chem.			
542.32				
Aeronautic sickness				
respiration in	physiol.			
612.27511				
Aeronautics				
military engineering				
623.74				
physics				
533.6				
useful arts				
629.13				
Aerophytes	lichens			
589.1				
orchids				
584.15				
Aeroplanes	construction			
629.17				
military				
623.746				
Aerostatics	engineering			
629.141				
physics				
533.6				
Aerostation	aeronautics			
629.15				
Æschines	Greek oratory			
885.5				
Æschylus	drama			
882.1				
Æsop	fables			
888.6				
Æsthetics, see Esthetics				
Æther, see Ether				
Æthiopia	ancient history			
939.78				
"Ætna"	Latin poem			
871.7				
Ætolia	ancient history			
938.3				

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Age</b>			<b>Agricultural</b>		
of pupils		379.14	<b>machinery</b>		631.3
readers		024.11	<b>pests</b>	<b>agriculture</b>	632
the world		550.1		zoology	591.69
voters		324.11	<b>products</b>	pol. econ.	338.1
school		379.14	<b>societies</b>		630.6
therapeutics		615.54	system	pol. econ.	330.1
<b>Aged</b>			<b>Agriculture</b>		630
cookery for	dom. econ.	641.563	cooperativ		334.6
diet for		613.21	departments of		630.61
homes for	architec.	725.56	gov't relations		351.823
	institutions	362.6	indians		970.6
<b>Agencies</b>			rent of land		333.5
domestic servis		647.2	<b>Agrippa</b>	medieval phil.	189.5
employment	pol. econ.	331.86	<b>Agrostideae</b>	grass crops	633.285
	Y M C A	267.3562	<sup>1</sup> <b>Aguascalientes, Mex.</b>	hist.	972.4
student aid		378.364	<b>Ague</b>	diseases	616.936
teachers		371.145	<b>Aguirre</b>	sheep, Spanish	636.366
<b>Agents, consular</b>		341.8	<b>Aid</b>		
external	therapeu.	615.77	societies	charitable	361
geologic		551.9		cooperation	334
law		347.4		student	378.362
<b>Ages, archeologic</b>		571	state, to education		379.12
geologic		551.7	libraries		021.83
<b>Agglutinants</b>	bdg	691.5	to the injured		614.88
	engin.	620.15	<b>Aides de camp</b>	mil. sci.	355.33
	physiology	612.11144	<sup>1</sup> <b>Aidin, Asia</b>	Turk. hist.	956.2
<b>Agglutination</b>	philology	401	<b>Aids</b>		
<b>Agiotage</b>	stock exchange	332.6	mil. science		355.33
<b>Agnosticism</b>	nat. theol.	211	to digestion	therapeu.	615.734
	philosofy	149.7	readers	lib. econ.	028.8
<b>Agnostics</b>	relig. heresy	273.8		ref. work	025.5
<b>Agnus Dei</b>	music	783.22	<b>Ailerons</b>	aeronautics	629.181
<b>Agrarian laws</b>			<b>Ailes</b>	library bldgs	022.434
political science		333	<b>Aim of college and university</b>		378.01
Roman history		937	education		370.1
<b>Agreements</b>	bilding	692.4	<sup>1</sup> <b>Ain, France</b>	history	944.44
	ethics	174.7	<b>Air</b>		
	law	347.4	<b>abnormal</b>	<b>physiology</b>	612.2231
<b>Agricola, M.</b>	Ger. poetry	831.41	analysis	chemistry	543.7
<b>Agricultural</b>			baths, hot	hygiene	613.46
banks	pol. econ.	332.311	bladder	comp. anat.	611.29
botany		630.28		phys.	612.767
chemistry		630.24	brakes	railway eng.	625.2
classes	pol. econ.	331.8	cocks	steam eng.	621.18479
colleges		630.711	compressors	mech. eng.	621.51
colonization		325	comprest, <i>see</i> Comprest air		
colony	laboring classes	331.8	confined, respiration in		612.233
credits	banking	332.311	disinfection	cont. dis.	614.48
experiment stations		630.72	ducts	ventilation	697.9
geology	agriculture	630.25	engins	mech. eng.	621.4
	econ. geol.	553.6	expired	physiology	612.231
implements		631.3	gun	mil. engineering	623.4422
insurance		368.5		mech. trades	683
law		347.2		hygiene	613.1

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Air</b>				<b>Alabama, state</b>	
in towns	pub. helth	614.78		<sup>1</sup> history	976.1
layering	agriculture	631.5344		secession U. S. hist.	973.713
liquid	physics	533.2		travel	917.61
machines	refrig.	621.575		<b>Aladdin oven</b>	
mesology		612.014464		kitchen equipment	643.338
<b>meteorology</b>		551.5		recipes	641.588
normal	physiol.	612.2208		<b>Alamanni, L. Ital. poetry</b>	851.36
operations	Great war	940.44		<sup>1</sup> Alameda city, Cal. hist.	979.465
<b>passages</b>	<b>anatomy</b>	611.2		<sup>1</sup> co. " "	979.465
	diseases	616.2		<b>Alar thoracic artery</b>	611.1341
	physiology	612.2		<b>Alarcon y Mendoza</b>	862.34
<b>plants</b>	lichens	589.1		<b>Alarms, fire</b>	
	orchids	584.15		local government	352.3
<b>pneumatics</b>		533		protection of public	614.842
pollution	by cemeter.	614.652		signals	654.7
	pub. helth	614.7		<b>Alaska</b>	
pressure of	meteorol.	551.54		<sup>1</sup> history	979.8
pump		533.5		purchase U. S. hist.	973.81
residual	physiology	612.24		travel	917.98
soil physics	agriculture	631.433		<b>Alba anatomy</b>	611.824
spaces	pub. helth	614.783		<b>Albania</b>	
transport	sociol.	387		Asia anc. hist.	939.56
	useful arts	629.13		<sup>1</sup> Turkey mod. hist.	949.6
ventilation		628.8		travels	914.96
<b>Aircraft</b>				<b>Albanian swine</b>	636.474
hevier than air		629.17		<b>Albany</b>	
lighter " "		629.15		<sup>1</sup> city N. Y. history	974.743
<b>Airships</b>	engineering	629.154		convention U.S. hist.	973.26
	military engin'g	623.74		<sup>1</sup> co. N. Y. history	974.742
	theory	533.6		<b>Albemarle, ship U.S.civ.war</b>	973.754
<b>Airsickness</b>				<b>Albert 1 German history<sup>9</sup></b>	943.026
aeronautics		629.145		<sup>2</sup> " "	943.028
physiology		612.27511		<sup>1</sup> Albert co. N. B. hist.	971.531
<b>Airways</b>	aeronautics	629.145		nyanza travels	916.76
	mining engin'g	622.45		<sup>1</sup> Alberta, Canada history	971.23
<b>Airy's theory</b>	geodesy	526.14		<b>Alberti, L. B. Ital. essays</b>	854.21
<b>Aisles</b>	library bldgs	022.434		<b>Albertypes</b>	774
<sup>1</sup> Aisne, France	history	944.34		<b>Alberus, Eras. Ger. poetry</b>	831.43
<b>Aix-la-Chapelle</b>				<b>Albicans anatomy</b>	611.8142
	international congress	341.1		<b>Albigenses persecutions</b>	272.3
	treaties	341.2		sect	284.4
<b>Akenside, M: Eng. poetry</b>		821.62		secular hist.	944.023
<b>Akkad</b>	ancient history	935.4		<b>Albigensian sheep</b>	636.3467
<sup>1</sup> Akron, O.	history	977.1361		<b>Albinism animals</b>	591.157
<b>Alabama</b>				dermatology	616.55
claims	arbitration	341.6		<b>Albuginea anatomy</b>	611.6313
	Eng. history	942.08		<b>Albuminoid</b>	
	internat. law	341		derivates, nonnitrogenous	
	neutrals	341.3		physiol	612.398197
	U. S. hist.	973.722		substances, dialysis of	
ship	and Kearsarge	973.754		physiol.	612.3824
	privateers	341.3		<b>Albuminoids</b>	
	U. S. civ. war	973.757		gastric digest. physiol.	612.3224
state admission	U. S. hist.	973.54		in blood	612.124

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Albuminoids				Aleardi, A. Ital. poetry	851.81
in milk	physiol.	612.66414		Alembert, J. Le R.d'	844.53
muscles	"	612.74414		Alembics	prac. chem. 542.48
intestinal digestion		612.3324		<sup>1</sup> Aleppo, Asia Turk. hist.	956.8
physiologic chemistry		612.015348		Alert, ship	Am. revol. 973.363
physiology		612.398		Ales	manufacture 663.3
quantity in food and tis.		612.3987		<sup>1</sup> Aleutian ilands	history 979.8
transforma. in organism		612.3982		Alexander 2	Rus. " 947.08
tryptic digestion		612.3424		3	" " 947.08
vegetable	physiology	612.39815		<sup>1</sup> Alexander co. Ill.	hist. 977.3999
Albuminoses	physiology	612.39817		Alexandria, Egypt	
Albumins				ancient history	932
in blood	physiology	612.124		<sup>1</sup> modern	" 962.1
nutrition		612.398		travels	916.21
Albuminuria				Alexandrian	
physiologic		612.461269		Greek dialects	487.2
toxic	physiology	612.4642		library	027.032
urin in	"	612.46622		philosofy	186.4
Albumose	physiology	612.39817		Alfa fibers	633.583
Alchamy		540.1		Alfabet	
Alciphron	Greek letters	886.2		elementary education	372.4
Alcohol				<b>English orthograpy</b>	<b>421.1</b>
as a food	physiology	612.3931		<sup>3</sup> other languages	
cooking appliances		643.335		Alfabetic	
denatured	chem. tech.	661		subject catalog	025.3
engins	engin'g	621.43424		classification	025.4
heat	cookery	641.585		Alfabetico-clast	
heating	prac. chem.	542.43		catalog	cataloging 025.3
hygiene		613.81		<b>catalogs</b>	<b>019</b>
narcotic poisons		615.964		Alfabeting	cataloging 025.3
physiologic psychology		612.82144		Alfabetis	ornamental 745
stimulants		615.711		<b>philology</b>	<b>411</b>
stoves	kitchen equip.	643.335		Alfalfa	agriculture 633.31
tractors	agriculture	631.3722		Alfieri, V. Ital. drama	852.64
Alcoholic				Alfonso 10	Span. lit. 868.11
drinks	<b>ethics</b>	<b>178</b>		11	" " 868.14
	physiology	612.3931		12	" history 946.08
ferments	phys. chem.	612.015161		13	" " 946.08
liquors	<b>manufacture</b>	<b>663</b>		Alfred the Gt	Ang.Sax.lit. 829.7
	<b>temperance</b>	<b>178</b>		Algæ	botany 589.3
Alcoholism	diseases	616.861		Algaroba	fruit culture 634.462
Alcohols	organic chem.	547.3		Algarotti, F. Ital. poetry	851.58
<sup>1</sup> Alcona co. Mich.	hist.	977.479		<b>Algebra</b>	<b>512</b>
Alcoran	Mohammedanism	297		<b>higher</b>	<b>512.8</b>
Alcott, A. B.	moral gov.	371.58		Algebraic logic	164
L. M.	Am. fiction	813.41		<sup>1</sup> Alger co. Mich.	history 977.493
Alcoves	lib. bildings	022.422		<sup>1</sup> Algeria, Africa	" 965
Alcyonaria	zoology	593.62		Algerine sheep	636.386
Aldehydes	organ. chem.	547.5		war	Alg. hist. 965
<b>Aldermen</b>	<b>local gov.</b>	<b>352.0</b>		U. S.	" 973.53
Alderney cattle		636.2242		<sup>1</sup> Algiers, Africa	history 965
iland	travel	914.234		travels	916.5
Aldine editions	rare books	094		<sup>1</sup> Algoma district, Ont.	hist. 971.313
Aldrich, T. B.	Am. fiction	813.44		Algrafy	lithograpy 763

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Alhambra	architecture	723	<sup>1</sup> Allegheny City Pa. hist.	974.887
	history	946.8	<sup>1</sup> co. " "	974.885
Alien act	U. S. history	973.44	Allegiance	Eng. priv. law 347.1
	laws	341.5		internat. law 341.5
	races citizenship	323.63		naturalization 323.62
Alienation of territory		320.127		political science 320.158
<b>Alienism</b>	mental pathol.	132	<sup>5</sup> Allegories	Eng. literature 828
Aliens				religious 244
	international law	341.5	<sup>1</sup> Allen co. Ind.	history 977.274
	naturalization	323.62		travels 917.7274
	owners of land pol. econ.	333.4	<sup>1</sup> Mich.	history 977.414
Alighieri, Dante	Ital. poet.	851.15	<sup>1</sup> O.	" 977.142
Alignment of sewers		628.218		shorthand system 653.57
Alimentary canal			Allergy	medicin 615.37
	anatomy	611.3	Alliance	
	physiology	612.3		Evangelical 206
	sympathetic system	612.898		Holy treaties 341.2
Alimentation				ship Amer. revol. 973.357
	calorimetry	612.5121	Alliances	internat. law 341.2
	forced hygiene	613.23		pol. science 321.022
	relations to glycogenesis	612.3529	<sup>1</sup> Allier, France	history 944.57
Alimony	law	347.6	Allies	
Alinement of sewers		628.218		Entente Great war 940.332
Alismaceæ	botany	584.72		Teuton " " 940.334
Alkalies	chemic technol.	661.3	Alligation	arithmetical 511.8
	chemistry	546.31	Alligator pear	634.653
Alkalimetry	quan. anal.	545.2	Alligators	598.14
Alkaline			Alliteration	prosody 416
	accumulators elec. eng.	621.356		rhetoric 808
	earths chemistry	546.4	Alliterativ poems	Eng. 821.1
	poisons therapeutics	615.922	Allodium	land ownership 333.3
	waters econ. geology	553.71		law 347.2
<b>Alkaloidal plants</b>	agric.	633.7	Allopathy	medicin 615.5
Alkaloids			Allotment system	333.5
	drugs mat. med.	615.336	Allotropism	chemistry 541.7
	physiologic psychology	612.82141	Alloys	manufactures 671
	ptomains	612.398195		tests 620.18
Alkoran	Mohammedanism	297		theoretic chem. 541.4
All fools day	customs	394	Allspice	agriculture 633.831
All hallow eve	"	394	Alluvium	geology 551.35
All Saints	Ang. festivals	264.031	Almanacs	
All Souls	"	264.031		for teachers 370.59
<sup>1</sup> Allamakee co. Ia.	hist.	977.733		general 529.5
Allantoin	physiology	612.461263		nautic 528
Allantois				statistical 310
	embryology	611.01382	Almond	nuciculture 634.55
	pedicle of anatomy	611.622		See also distinguishing names
Allatoona, Ga.	U.S.civ.war.	973.7372		nucleus anatomy 611.81314
<sup>1</sup> Alleghany co. Md.	hist.	975.294	Almqvist, K.:J.L. Sw.	poetry 839.7166
	travels	917.5294	Alms	ethics 177.7
<sup>1</sup> Alleghany N. Y.	hist.	974.784	Almshouses	
<sup>1</sup> crest W. Va.	history	975.48		architecture 725.55
	travel	917.548		pauperism 339
	mountains travels	917.5	Aloe fiber	633.5774

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Aloes poisons 615.93  
 Alopecia dermatology 616.54  
 Alpaca domestic animals 636.296  
     fabrics dom. econ. 646.13  
<sup>1</sup>Alpena co. Mich. history 977.481  
     travels 917.7481  
<sup>1</sup>Alpes Basses, France hist. 944.95  
     <sup>1</sup> Hautes " " 944.97  
     <sup>1</sup> Maritimes " " 944.94  
 Alphabet, etc. *see* Alfabet  
 Alphen, H. van Dutch poet. 839.3147  
<sup>1</sup>Alpine co. Cal. hist. 979.443  
     goat 636.3936  
     plants botany 581.9494  
     strawberry 634.753  
     travels 914.94  
<sup>1</sup>Alps Swiss geology 554.94  
     travel 914.94  
<sup>1</sup>Alsace French history 944.383  
<sup>1</sup>Alsace-Lorraine French hist. 944.38  
     Germ. hist. 943.44  
 Alsatian poultry 636.538  
 Alsineæ botany 583.154  
 Alsop, George Am. satire 817.12  
     Richard " poetry 811.25  
 Altar cloths sac. ornam. 247.7  
 Altars architec. accessor. 729.91  
     ecclesiology 246.6  
 Alt-azimuth instruments 522.42  
 Alterations butter 637.26  
     milk 637.16  
 Alternate generation zool. 591.163  
 Alternating current  
     action on organisms 612.0144245  
     arc light elec. eng. 621.32552  
     electrophysiol. technic 612.0144215  
     machinery elec. eng. 621.3133  
     traction lines " " 621.33143  
 Alternativ  
     vote suffrage 324.224  
 Altitude  
     imponderable remedies 615.835  
     physiologic effects 612.2751  
<sup>1</sup>Alton, Ill. history 977.386  
     riot U. S. history 973.57  
<sup>1</sup>Altoona, Pa. history 974.876  
 Altruism ethics 171.8  
 Aluminum  
     in articles of dress 646.19  
     inorganic chemistry 546.66  
     metallurgy 669.7  
 Alumnae associated 376.66  
 Alumni associated 378.068  
     biografy 378  
 Alveolar limbus anatomy 611.71641  
 Alwato universal lang. 408.9  
 Amadeus Spanish hist. 946.08  
 Amadis de Gaula Span. fict. 863.22  
<sup>1</sup>Amador co. Cal. history 979.442  
 Amalgamated pigeons 636.59628  
 Amalgamation metallurgy 669.2  
 Amalgams manufactures 671  
 Amanuenses shorthand 653.043  
 Amarantaceæ botany 583.913  
 Amaryllideæ " 584.25  
 Amateur  
     cataloging 025.3  
     manuals mech. trades 680  
     theatricals amusements 793  
         ethics 175.2  
 Amaurosis diseases of eye 617.73  
 Amazon river travel 918.1  
 Amazons customs 396.9  
 Ambari hemp 633.563  
 Ambassadors internat. law 341.7  
     pol. science 327  
 Amber  
     geology 553.29  
     jewelry 391.7  
     mineralogy 549.8  
 Ambidexterity 612.763  
 Ambiguous nucleus anat. 611.81875  
 Ambra, F. d' Ital. drama 852.35  
 Ambrosia antiquities 913.38  
     mythology 292  
 Ambrosian chant. ecclesiol. 246.8  
     music 783.5  
 Ambrotype 772  
 Ambulances 614.881  
     for contagious diseases 614.882  
 Ameboid cells physiology 612.112  
 Amendments U. S. const. 342.731  
 America  
     discovery 973.1  
         Norwegian 948.02  
     <sup>1</sup> history 970  
         travel 917  
     <sup>1</sup> Central history 972.8  
         travel 917.28  
     <sup>1</sup> North history 970  
         travel 917  
     other topics *see* table 1  
     <sup>1</sup> Russian history 979.8  
         travels 917.98  
     <sup>1</sup> South history 980  
         travel 918  
 American  
     aborigines 970.1  
     antiquarian society 913.7

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>American</b>		<b>American</b>	
<b>antiquities</b>	913.7	<b>Spanish war U. S. hist.</b>	973.89
<b>art galleries</b>	708.1	<b>statutes law</b>	345
<b>auxiliaries in revolution</b>	973.346	<b>swine</b>	636.481
<b>beef cattle</b>	636.282	<b>trotter</b>	636.128
<b>bibliografy</b>	015.7	<b>turkey</b>	636.59211
<b>biografic dictionaries</b>	920.07	<b>wars, society of</b>	369.118
<b>black currants</b>	634.7232	<b>water cress</b>	635.562
<b>buffalo]</b>	636.2921	<b>Americana history</b>	970
<b>chestnut</b>	634.532	<b>Americanisms</b>	427.9
<b>civil war U. S. hist.</b>	973.7	<b>Americanization</b>	325.73
<b>colleges</b>	378.7	<b>Amerigo Vespucci</b>	973.16
<b>colonies history</b>	973.2	<b>Ames, Fisher Am. oratory</b>	815.22
<b>constitution</b>	342.731	<b>'Amharic language</b>	492.8
<b>constitutional history</b>	342.739	<b>Amherst college</b>	378.744
<b>copyright leag</b>	655.63	<b>Amic acids organ. chem.</b>	547.8
<b>cyclopedias</b>	031	<b>Amicis, E. d' Ital. misc.</b>	858.82
<b>dairy cattle</b>	636.283	<b>Amideo fishes</b>	597.4
<b>draft horse</b>	636.158	<b>Amidic acids physiology</b>	612.398192
<b>ducks</b>	636.59781	<b>Amids organic chem.</b>	547.8
<b>gooseberry</b>	634.727	<b>Amiens, peace of treaties</b>	341.24
<b>hereditary societies</b>	369.1	<b>Amins organic chem.</b>	547.8
<b>Holderness cattle</b>	636.2831	<b>Amistad case U. S. hist.</b>	973.57
<b>independence U. S. hist.</b>	973.313	<b>Ammergau passion play</b>	792
<b>indians</b>	970.1	<b>Ammeters elec. eng.</b>	621.3744
<b>languages North Am.</b>	497	<b>Ammirato, S. Ital. essays</b>	854.46
<b>South Am.</b>	498	<b>Ammonia</b>	
<b>literature</b>	810	<b>absorption machin.s</b>	621.573
<b>newspapers</b>	071	<b>chemic technology</b>	661.3
<b>painting</b>	759.1	<b>compounds physiol.</b>	612.398194
<b>party</b>	329.5	<b>compression machines</b>	621.572
<b>patriotic societies</b>	369.1	<b>fertilizers agric.</b>	631.841
<b>periodicals</b>	051	<b>salts chem. tech.</b>	661.5
<b>philosofers biografy</b>	921.1	<b>stimulants</b>	615.711
<b>philosofy</b>	191	<b>Ammonite agriculture</b>	631.848
<b>plan meal systems</b>	642.52	<b>Ammoniums org. chem.</b>	547.8
<b>poetry</b>	811	<b>Ammunition</b>	
<b>poets biografy</b>	928.11	<b>chests ordnance</b>	623.4315
<b>political parties</b>	329	<b>military engineering</b>	623.45
<b>poultry</b>	636.581	<b>ships shipbilding</b>	623.826
<b>P. E. church</b>	283.7	<b>Amnesty</b>	341.3
<b>prisons Amer. revol.</b>	973.372	<b>Annion embryology</b>	611.01383
<b>private law</b>	347	<b>pregnancy</b>	618.37
<b>rebellion U. S. history</b>	973.7	<b>Amniotic fluid</b>	
<b>revolution</b>		<b>embryology</b>	611.013835
<b>Canada history</b>	971.024	<b>physiology</b>	612.649
<b>children of</b>	369.137	<b>Amoeboid cells physiol.</b>	612.112
<b>daughters of</b>	369.135	<b>Amorfous state chem.</b>	541.7
<b>sons of</b>	369.133	<b>Amory, T: Eng. humor</b>	827.62
<b>U. S. history</b>	973.3	<b>Amos, book of Bible</b>	224.8
<b>sheep</b>	636.3681	<b>Ampelideæ botany</b>	583.279
<b>saddle horses</b>	636.13	<b>Ampère-hour meters eng.</b>	621.3844
<b>slavery</b>	326	<b>Amphiarthrosis anatomy</b>	611.7294
		<b>Amphibians</b>	597.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Amphictyonic council	938	Analysis	
Amphipods zoology	595.37	combinatory algebra	512.5
Amphitheater		diophantin "	512.23
antiquities	913.376	electro chemistry	544.9
architecture, ancient	722.7	fertilizers agriculture	631.818
modern	725.82	gas chemistry	544.4
Amputation surgery	617.94	grammar English	425.3
<sup>1</sup> Amsterdam history	949.2	<sup>3</sup> other languages	
travels	914.92	logic	160
<b>Amusements</b>	<b>790</b>	microscopic	<b>578</b>
children's dom. econ.	649.5	milk adulterations	614.321
<b>ethics</b>	<b>175</b>	agriculture	637.1277
hygiene	613.74	chemistry	543.2
of laboring classes	331.84	mineralogy	549.1
school	371.74	polariscopic chem.	544.7
Sunday	263.6	<b>qualitativ chem.</b>	<b>544</b>
Amygdalin nutrition	612.396175	<b>quantitativ chem.</b>	<b>545</b>
Amygdaloid tubercle anat.	611.81314	soil hygiene	614.771
Amyloids nutrition	612.398146	soils	631.42
histology	611.01884	sounds acoustics	534.4
Amyolytic ferments phys.	612.01515	spectrum astronomy	522.67
Amyotrophy physiology	612.7465	chemistry	544.6
<sup>2</sup> Ana English literature	828	optics	535.84
literature	808.8	water biol. hygiene	613.34
Anabaptists sects	284.3	chemistry	543.3
Anacanthani zoology	597.5	micros. hygiene	613.33
<sup>1</sup> Anacapa, Cal. hist.	979.492	Analysts, public adulter.	614.3
Anacardiaceæ botany	583.292	Analytic	
Anacardiaceous fruits	634.44	chemistry	<b>543</b>
Anacreon Greek poetry	884.3	geometry	<b>516</b>
Anaemia, <i>see</i> Anemia		trigonometry	514.5
Anaerobic cells physiol.	612.01411	<sup>1</sup> Anam, Asia history	959.8
<sup>6</sup> Anagrams Eng. literature	828	Anaphylaxis medicin	615.37
pseudonyms	014	<b>Anarchism socialism</b>	<b>335</b>
Analgesics therapeutics	615.783	Anastatic printing	655.22
Analogous projections		Anastomotica magna artery	
descriptiv geometry	515.2	elbow anatomy	611.1342
Analogy		knee "	611.13785
comparativ anatomy	591.4	Anathema church discip.	262.9
English language	422.1	Anato buttermaking	637.26
<sup>3</sup> other languages		Anatolian sheep	636.385
logic	169	swine	636.474
plants	581.4	Anatomy	
theology	219	animal zootechny	636.0891
Analysis		anthropologic	611.014
air chemistry	543.7	art	743
arithmetic	511.5	comparativ medicin	611.019
blowpipe chemistry	544.3	plants	581.4
botanic	581	zoology	591.4
butter	637.227	dental	611.314
capillary chemistry	544.92	descriptiv animals	591.7
cheese	637.327	plants	581.7
chemic	543	human	611

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Anatomy			André, John	Am. revol.	973.386
laws	public health	614.22	biography		923.542
paleontologic		611.016	Andrea, J. V.	Ger. poetry	831.47
pathologic		616.078	Andreini, G.	Ital. drama	852.53
regional		611.9	<sup>1</sup> Andrew co. Mo.	history	977.8126
Anaxagoras	Gk philosophers	182.8	Andrieux, F.G.J.	S. Fr. lit.	842.65
Anaximander	" "	182.1	Andronicus, L.	Lat. "	872.1
Anaximenes	" "	182.1	Andropogonae	grass crops	633.282
Ancelot, J. A. F. P.	Fr. lit.	842.74	Andros, Edmund	U.S. hist.	973.24
Ancestry	evolution	575.1	<sup>1</sup> Androscoggin co. Me.	hist.	974.18
genealogy		929.1	trav.		917.418
mental science		136.3	Anecdotes		
spirit. heredity		233.3	legal		340.9
traductionism		129.2	library		020.88
Anchor			miscel. Eng. literature		828
boring	architecture	721.152	personal, <i>see</i> Biography		
engineering		624.1552	religious		244
ice	physical geol.	551.31	table		642.48
Anchorage	bridgebuilding	624.57	on spec. topics, <i>see</i> subjects		
Anchors, landing	aeronautics	629.167	Anemia		
plumbing		696.7	cardiac	physiology	612.1721
shipbuilding		623.86	cerebral	"	612.8244
Ancient			diseases of blood		616.15
architecture		722	nervs	physiology	612.8164
countries	description	913.3	quantity of blood		612.1162
customs		913.3	reflexes	physiology	612.83393
customs and costume		390	Anemometer	meteorology	551.51
geography	description	911.3	Aneroid barometer		533.4
history		930	Anesthesia	diseases	616.856
law		349.3	physiology		612.887
maps		912.3	Anesthetics		
music		781.8	effect on hart	physiol.	612.1742
philosophers	biography	921.9	mesology		612.014465
philosophies		180	physiologic	psychology	612.82142
science		502	therapeutics		615.781
sculpture		732	Aneurism	pulmon. disease	616.247
student societies		371.836	surgery		617.41
therapeutics		615.89	Angels		235
Ancients, council of			Anger	ethics	179.8
French legislature		328.44	Angevin	architecture	723.44
revolution		944.045	sheep		636.3446
Ancona	poultry	636.554	swine		636.443
Anconaeus	muscle anat.	611.73725	Angina pectoris	diseases	616.12
<sup>1</sup> Andalusia, Spain	history	946.8	Angiocarpæ	botany	589.16
travel		914.68	Angiulieri, C.	Ital. satire	857.13
Andalusian fowls		636.564	Angle, facial	craniology	573.7
Andersen, H. C.	Dan. fict.	839.8364	visual	physics	535.7
<sup>1</sup> Anderson, Ind.	history	977.257	physiology		612.84362
Andersonville	pris. U.S. hist.	973.7711	Angles		
Andes	description	918	crystallography		548.7
Andesite	lithology	552.26	mesurement of astron.		526.93
Andocides	Gr. oratory	885.1	strength of materials		620.11282
<sup>1</sup> Andorra	history	946.7			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Anglesey cattle	636.2236	<b>Animal</b>	
<sup>1</sup> history	942.91	<b>diseases</b>	<b>medicin</b> 619
Anglican church		pub. health	614.93
<b>biography</b>	922.3	zoology	591.2
brotherhoods	271.8	infectious pub. health	614.91
chant music	783.5	electricity	mind and body 134
creed	238.3	physiology	612.014423
missions	266.3	zoology	591.57
ordination	262.17	<b>fats</b>	chem. technology 665.2
persecution by, Eng. hist.	942.055	<b>food</b>	<b>domestic econ.</b> 641.3
relig. hist.	272.7	hygiene	613.28
of Eng. "	942.054	<b>physiology</b>	612.3928
relig. "	272.6	preservation	664.9
religious hist. of Eng.	274.2	zootchny	636.0876
ritual	264.03	forms	decorat'n, painted 729.42
sects	283	relief	729.52
sisterhoods	271.98	grafting	comp. physiol. 612.602
Anglicisms English lang.	427	heat	physiol. zoology 591.11
Angling	799	<b>physiology</b>	612.5
Anglo-catholics	283	instincts	comp. physiol. 612.821313
Anglo-Saxon		irritant poisons	615.94
emigration	325.242	<b>kingdom</b>	590
foren relations	327.73	life	painless extinc. of 614.971
history	942.01	magnetism, <i>see</i> Animal elec-	
homilies	829.5	tricity	
language	429	motors	engineering 621.46
literature	829	oils	chem. technology 665.2
poetry	829.1	<b>parasites</b>	<b>diseases</b> 616.961
race characteristics	136.4	zoology	591.69
Anglomaniya customs	390	<b>plagues</b>	vet. med. 619
<sup>1</sup> Angola, Africa history	967.3	power agriculture	631.3712
sheep	636.386	<b>residues fertilizers</b>	631.843
<sup>1</sup> Angora, Asia Turk. hist.	956.3	<b>species and respiration</b>	612.229
goat	636.3985	stories	zoology 591.5
Angoulême, house of		substances	chem. anal. 543.9
French history	944.028	engin'g	620.198
Anguilla zoology	597.5	<b>trades</b>	air pollution 614.74
Angular perspectiv geom.	515.61	worahip	nonchr. relig. 290
drawing	742	<b>Animalculæ</b>	593
Angus doddie cattle	636.2231	<b>Animals</b>	590
<sup>1</sup> Anhalt, Germany history	943.19	<b>agents of geol. work</b>	551.95
Anharmonics		Bible	220.859
analytic geometry	516.56	care of animal hygiene	614.94
geometry	513.56	carriers of diseases	614.43
Anhydrids organic chem.	547.7	cruelty to ethics	179.3
theoretic "	541.4	ded air pollution	614.763
Anhydrous		diff. fr. plants	biology 577.5
silicates mineralogy	549.61	physiol.	612.0135
sulfates "	549.75	<b>diseases</b>	pub. health 614.93
Anilin colors chem. tech.	667.2	vet. medicin	619
Animal		zoology	591.2
chemistry analysis	543.9	<b>domestic</b>	636
organic chem.	547	electric	comp. physiol. 612.771

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Animals</b>		
<b>evolution</b>	<b>575</b>	
<b>feeding</b>	<b>animal hyg.</b>	614.95
	<b>zootechny</b>	636.084
<b>folklore</b>		398.4
<b>geografic distribution</b>		591.9
<b>hibernating</b>		612.58
<b>hygiene</b>	<b>pub. helth</b>	614.9
<b>inaition</b>		612.3919
<b>insurance</b>		368.5
<b>intelligence</b>	<b>zoology</b>	591.5
<b>localization in</b>		
	comp. physiol.	612.82525
<b>locomotion</b>	comp.phys.	612.767
	zoology	591.47
<b>menageries</b>		590.7
<b>mind in</b>		591.51
<b>mythology</b>		291
<b>organs of sound</b>		
	comp. physiol.	612.786
<b>painting</b>		758
<b>paleontology</b>		560
<b>parasitic</b>	<b>econ. zool.</b>	591.69
<b>phosphorescent</b>		
	comp. physiol.	612.772
<b>plants injurious to</b>		632.59
<b>psychology</b>	<b>zoology</b>	591.51
<b>ration</b>	comp. physiol.	612.3943
	subsistence	612.39523
	working	612.39513
<b>remains</b>	<b>early stone age</b>	571.13
	late " "	571.23
<b>revisiscent</b>	<b>mesology</b>	612.0144611
<b>scent glands</b>	comp. phys.	612.493
	econ. zool.	591.66
	phys. "	591.144
<b>symbolic</b>	<b>religious art</b>	246.5
<b>traird</b>		791
<b>transportation</b>	<b>hygiene</b>	614.96
<b>uric acid in</b>	comp. phys.	612.461254
<b>vocal organs</b>	" "	612.786
<b>A</b> nimation, suspended med.		616.206
<b>A</b> nimism metaphysics		128
<b>A</b> nis agriculture		635.75
<sup>1</sup> <b>A</b> njou, France history		944.18
<b>A</b> nkle		
<b>anatomy</b>		611.985
<b>bone</b>	<b>anatomy</b>	611.71871
<b>joint</b>	"	611.7284
<b>A</b> nnapolis		
<sup>1</sup> <b>city, Md.</b>	<b>history</b>	975.256
	travels	917.5256
<sup>1</sup> <b>co. N. S.</b>	<b>history</b>	971.633
<b>A</b> nne, Queen	<b>architecture</b>	724.5
	Eng. hist.	942.069
<sup>1</sup> <b>A</b> nne Arundel co.Md.	<b>hist.</b>	975.255
<b>A</b> nnealing		
<b>manufactures</b>		671
<b>molecular physics</b>		539.54
<b>A</b> nnelida	<b>worms</b>	595.1
<b>A</b> nne's, Queen,war	<b>U.S.hist.</b>	973.25
<b>A</b> nnexation	<b>intern. law</b>	341
	pol. sci.	320.1265
<b>A</b> nnihilation	<b>doctrins</b>	237.3
	nat. theology	218
<b>A</b> nniversaries		
<b>of invention of printing</b>		655.12
<b>student life</b>		371.89
<b>U. S. history</b>	<b>civil war</b>	973.76
	Mex. "	973.626
	<b>revolution</b>	973.36
	Span. war	973.896
	war of 1812	973.526
<b>A</b> nnouncements		
<b>by readers</b>	<b>lib. econ.</b>	024.81
<b>for readers</b>		028.8
<b>A</b> nnouncement		
<b>of vote</b>	<b>elections</b>	324.268
<b>A</b> nnuals, statistical		310
	special, see subject	
<b>A</b> nnuities		
<b>insurance</b>		368.31
<b>mathematics</b>		519.5
<b>public finance</b>		336.35
<b>A</b> nnunciation, feast of		
	Anglican ch.	264.031
<b>A</b> nnunciators	<b>signals</b>	654.7
<b>A</b> nodynes	<b>therapeutics</b>	615.78
<b>A</b> nointing	<b>sacraments</b>	265
<b>A</b> nomala	<b>botany</b>	583.297
<b>A</b> nomali	"	583.98
<b>A</b> nomalies	<b>anat.</b>	611.012
<b>A</b> nomodontia	<b>reptils</b>	598.17
<b>A</b> nonaceæ	<b>botany</b>	583.115
<b>A</b> nonaceous fruits	<b>agric.</b>	634.41
<b>A</b> nonyms	<b>bibliografy</b>	014
<b>A</b> nopheles, see Mosquitoes		
<b>A</b> nsa		
<b>lenticularis</b>	<b>anat.</b>	611.8147
<b>peduncularis</b>	"	611.8147
<sup>1</sup> <b>A</b> nsayrii	<b>history</b>	955
<b>A</b> nselm	<b>medieval philos.</b>	189.4
<b>A</b> nselm, H.	<b>Ger. fiction</b>	833.53
<b>A</b> nslo, Reyer	<b>Dutch poet.</b>	839.3135
<b>A</b> nt	<b>insects</b>	595.79
	pests	632.79
<b>A</b> ntacids	<b>aids to diges.</b>	615.7343
<b>A</b> ntagonism of medicins		
	therapeutics	615.52

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Antarctic**  
   current ocean currents 551.47  
   explorations travels 919.9  
   ocean physical geog. 551.469  
   regions travel 919.9  
**Ante-Nicene church** 100-325 281.3  
**Antennae** animals 591.48  
   wireless teleg. 621.38435  
**Ante-reformation relig.hist.** 270.5  
**Anterior poliomyelitis, see**  
   Paralysis, infantil  
**Anterolateral colum of spinal**  
   cord anat. 611.825  
**Anthelmintic drugs therap.** 615.733  
**Anthem** music 783.4  
   pub. worship 264.2  
   religious poetry 245  
<sup>1</sup>**Anthologies** Eng. lit. 820.8  
**Anthracene** org. chem. 547.28  
**Anthracite**  
   economic geology 553.25  
   fuel dom. econ. 644.22  
   engineering 621.1822  
   metallurgy 669.8  
**Anthracosis** diseases 616.24  
**Anthrax** public helth 614.561  
**Anthropoid apes** zoology 599.8  
**Anthropologic anatomy** 611.014  
**Anthropology**  
   mind and body 130  
   natural hist. of man 573  
   religious doctrin of man 233  
**Anthropometry** 573.6  
**Anthropomorphism**  
   metaphysics 125  
**Anthrophagy cannibalism** 399  
**Antiburghers** sects 285.6  
**Anti-Christ** 235  
**Anticlinal strata** geology 551.86  
**Anticlis** comp. psych. 612.821311  
**Anticorn law** leag 337.2  
<sup>1</sup>**Anticosti** island, Que. hist. 971.417  
**Antidotes** materia medica 615.9  
**Antietam, Md.**  
   battle U. S. civ. war 973.7336  
**Antifebrin** therapeutics 615.75  
**Antifederal party** 329.2  
<sup>1</sup>**Antigonish** co. N. S. hist. 971.614  
<sup>1</sup>**Antilles** history 972.9  
   travel 917.29  
**Antimasonry** 366.1  
**Antimission baptists** 286.4  
**Antimonates** mineralogy 549.72  
**Antimonids** mineralogy 549.3
- Antimony** chemistry 546.86  
   ores 553.47  
**Antinomianism** 273.6  
**Antipatharia** zoology 593.64  
**Antiperiodics** therapeu. 615.75  
**Antiphonal**  
   choral servis music 783.24  
   readings public worship 264.4  
**Antiputrefactiv properties of**  
   gastric juice physiol. 612.3225  
**Antipyretics** therapeu. 615.75  
**Antipyrin** " 615.75  
**Antiquarian societies** 913  
**Antiquarians' lives** 923.9  
**Antiquities**  
   biblical 220.93  
   classic 913.38  
   countries 913  
   customs 390  
   Jewish antiquities 913.33  
   history 933  
   religion 296  
   legal 340.3  
   prehistoric archeology 571  
   see also special subjects  
**Antiquity of man** 573.3  
**Antirust processes** bldg 691.7  
   tests engin'g 620.1122  
**Antiseptics'**  
   agriculture 632.953  
   mesology 612.014466  
   obstetrics 618.89  
   public helth 614.482  
   therapeutics 615.778  
**Antislavery**  
   documents 326.4  
   periodicals 326.5  
   societies 326.6  
   U. S. history 973.7111  
**Antisthenes** Greek phil. 183.4  
**Antistrophe**  
   English prosody 426.7  
   Greek prosody 486.7  
<sup>3</sup> other languages  
**Antitoxic**  
   action of liver physiol. 612.3542  
**Antitoxins**  
   digestion 612.31451  
   in blood physiology 612.11821  
   nutrition 612.3988  
**Antitrinitarians** heresies 273.4  
   unitarians 288  
**Antivaccination** pub. helth 614.474

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Antivivisection, <i>see</i> Vivisection	
Antonides Dutch poetry	839.3137
<sup>1</sup> Antrim co. Ireland history	941.61
<sup>1</sup> Mich. "	977.485
Ants insects	595.79
pests	632.79
white "	595.73
<sup>1</sup> Antwerp history	949.3
travels	914.93
pigeons	636.59635
Anura batrachia	597.8
Anus anatomy	611.352
diseases of	616.35
Anvil anatomy of ear	611.857
Anvils blacksmithing	682
<sup>2</sup> Aorist Greek etymology	482.8
syntax	485.8
Aorta	
abdominal anatomy	611.136
anatomy	611.132
thoracic anatomy	611.135
Aortic	
arch anatomy	611.1321
valvs "	611.12652
Apartment	
and offis bildings	725.22
houses architecture	728.2
dom. economy	647.92
Apatite economic geol.	553.64
fertilizers	631.851
mineralogy	549.72
Apes zoology	599.8
Apetalæ botany	583.9
Aphasia	
diseases	616.855
localization of speech	612.825249
mental derangements	132.8
vocal physiology	612.7893
Aphelion astronomy	521.3
Aphids pests	632.75
Aphonia diseases	616.22
<sup>2</sup> Aphorisms Eng. literat.	828
folklore	398.9
Apiary bees	638.1
Apnea physiology	612.2842
Apocalypse	228
Apocarpæ botany	584.7
Apocrypha	229
Apocryphal gospels Bible	229.8
Apocynacæ botany	583.72
Apoda zoology	593.98
Apogee moon	523.33
tides	525.63
Apollo Belvedere sculpt.	733
worship	292
Apollonius Rhodius Gk lit.	883.3
Apologetics theology	239
Apomorphin emetics	615.731
Apoplexy diseases	616.81
Apostasy heresies	273
Apostles	
acts of	226.6
creed	238.1
lives scriptural biog.	225.92
Apostolic	
age apologetics	239.1
canons apocrypha	229.9
Catholic sect	289.9
church	281.1
persecutions	272.1
constitutions	281.1
epistles	229.9
fathers	281.1
period religious hist.	270.1
succession	262.11
Apothecary	615.4
<sup>2</sup> Apothems Eng. literature	828
folklore	398.9
<sup>1</sup> Appanoose co. Ia. hist.	977.789
Apparatus	
buttermaking	637.232
care of milk	637.132
cheesemaking	637.332
manufacture	681
physical	530.7
practical chemistry	542.2
protectiv agriculture	632.94
see also special subject	
Apparent motion earth	525.38
sun	523.73
time	529.1
Apparitions	133.1
Appeal voting procedure	324.243
Appellate proceedings law	347.9
Appendages of embryo	
embryology	611.0138
physiology	612.644
Appendicitis diseases	616.34
surgery	617.55
Appendix	
vermiform anatomy	611.3452
physiology	612.363
Appendixes, nerv histol.	611.01883
Appenzell goat	636.3938
Appetita physiology	612.3913

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Appetites	mental facul.	158	April 19, anniv.	Am. revol.	973.362
	temperance	178	Aprons	domestic econ.	646.48
Appian way	Roman antiq.	913.37	Apulia, It.	ancient hist.	937.7
Apple			<sup>1</sup>	modern "	945.75
culture		634.11		travels	914.575
custard		634.415	Aquaria		590.7
Jamaica		634.413	Aquataca		634.653
Mammee		634.654	Aquatic		
moth		632.78	animals	effect of baro-	
pond		634.414	metric pressure		612.279
rose		634.422	rights	law	347.2
star		634.433	pol. econ.		333.9
sugar		634.412	Aquatint	engraving	766
sweet Otaheite		634.442	Aqueduct of Sylvius	anat.	611.8156
<sup>1</sup> Appleton, Wis.	history	977.539	Aqueducts		
Application			canals		626.2
of fertilizers	agric.	631.816	Roman antiquities		913.376
Applied			waterworks		628.14
arts		600	Aqueductus cerebri	anat.	611.8156
chemistry	chem. tech.	660	Aqueous		
mechanics	mech. eng.	621	erosion	geology	551.35
science	schools	607	humor	anatomy	611.8449
Applique work		746	physiology		612.8444
Appointment			rocks	geology	552.5
of civil servis officers		351.1	treatment	prac. chem.	542.6
legislativ officers		328.362	Aquinas	medieval phil.	189.4
legislators		328.3351	Aquivascular		
library officers		023.2	respiration	zoology	591.123
teachers	education	371.142	Arabesques		
Appointments, presidential		353.03	decoration, painted		729.4
Appomattox, Va.	U.S.hist.	973.7384	relief		729.5
Apportionment			design		745
representation		328.3345	piano music		786.42
taxation		336.2	Arabia		
Appraisal of books		028.8	ancient history		939.47
Apprentises			<sup>1</sup> modern history		953
duties of	ethics	174.8	travels		915.3
labor	polit. econ.	331.55	Arabia Petraea		
library	economy	023.75	ancient history		939.48
Apprentisship	bdg trade	690.7	<sup>1</sup> modern "		953.1
polit. econ.		331.86	travel		915.31
Approach, grafting by		631.54146	Arabian horses		636.11
Approaches	bridgeblding	624.14	sheep		636.385
Approbation	sch. gov't	371.53	Arabic		
Appropriation bills			architecture		723.3
legislativ powers		328.341	discovery of America		973.11
U. S. finance		336.73	<sup>4</sup> language		492.7
Appropriations			<sup>5</sup> literature		892.7
library finances		025.112	numerals	arithmetic	511.2
support		021.91	philosofy		189.3
Approximations	algebra	512.22	Arabs in Spain	Span. hist.	946.02
Apricot			Arachnida parasitica	ectozoa	616.9685
culture		634.21	zoology		595.4
S. Domingo		634.654			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Arachnoid			
membrane	anatomy	611.8293	
villi	"	611.8193	
<sup>1</sup> Aragon, Spain	history	946.5	
Araliaceæ	botany	583.491	
<sup>4</sup> Aramaic language		492.1	
Araneida	zoology	595.4	
Arantius, venous duct of		611.1497	
Aratus	Greek poetry	881.2	
Arbitrage	stock exch.	332.6	
Arbitrary			
power	absol. monarchy	321.6	
Arbitration			
capital and labor		331.1	
international	ethics	172.4	
law		341.6	
law		347.4	
Arblay, F. (Burney) d'		823.66	
Arbor			
day	horticulture	715	
schoolcelebrations		371.365	
training	agriculture	631.5465	
vitae	anatomy	611.81715	
botany		585.2	
Arboretums			
architecture		727.5	
botany		580.7	
Arboriculture	forestry	634.9	
land. gard.		715	
Arbors	landscape gard.	717	
Arbuthnot, J:	Eng. humor	827.54	
Arc, Joan of	Fr. history	944.026	
Arc			
lighting	elec. eng.	621.325	
rectifiers	" "	621.31373	
Arcades			
architectural	construction	721.26	
design		729.33	
Arcadia	Greek anc. hist.	938.8	
Arcani disciplina			
primitiv church		281.1	
Arcesilaus	Greek philosophy	186.2	
Arch, aortic	anatomy	611.1321	
hinged	bridges	624.68	
trussed	"	624.7	
Archaean age	geology	551.71	
<sup>3</sup> Archaisms	Eng. language	427	
<sup>1</sup> Archangel, Russia	history	947.2	
Archbishops			
ecclesiastic polity		261.12	
lives	Anglican	922.3	
Roman catholic		922.2	
Arched constructions	arch.	721.4	
Archegony			
biology		576.1	
physiologic	zoology	591.16	
Archenteron	embryology	611.01335	
Archeology			
ancient	description, etc.	913	
Biblical		220.93	
prehistoric		571	
Archery		796	
Arches			
architectural	design	729.33	
construction		721.4	
engineering		624.6	
triumphal	Rom. antiq.	913.37	
Archilochus	Greek satire	887.1	
Archimedes screw	physics	532.8	
Archipelago			
<sup>1</sup> East Indian	history	991	
Greek	ancient history	939.1	
<sup>1</sup> modern	"	949.9	
Architectonics, architecture		720.1	
Architects			
liability of	bilding	692.9	
lives		927.2	
Architectural			
accessories		729.9	
construction		721	
decoration		729	
design		729	
drawing		744	
Architecture		720	
acoustics		534.84	
military	bidings	623.61	
castles		728.81	
fortifications		623.1	
naval	bilding	623.8	
engineering		623.8	
plans		692	
warships		623.8	
Architraves	arch. constr.	721.86	
Archives, <i>see</i> History, Manuscripts			
of special topic	<i>see</i> topic		
Archons	Greek history	938	
Archt			
construction	architecture	721.4	
bridges		624.6	
Arctic			
currents		551.47	
explorations	travels	919.8	
explorers	lives	923.9	
ocean	physical geografy	551.468	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Arctic  
<sup>1</sup> regions agriculture 630.0911  
 history 998  
 travels 919.8
- <sup>1</sup>Ardèche, France history 944.82
- <sup>1</sup>Ardennes, France history 944.31  
 draft horse 636.1542  
 sheep 636.3444
- Ardent spirits  
 manufactures 663  
 temperance 178
- Ardigo, I. Italian essays 854.85
- Area, occupiable, proportion  
 of ground hygiene 614.784
- Areas  
 geometry 513.18  
 surveying 526.97
- <sup>1</sup>Arenac co. Mich. history 977.473
- Areola anatomy 611.691
- Areolar tissue anatomy 611.76  
 histology 611.01824  
 subcut. anat. 611.779
- Areometer spec. gravity 532.4
- Areopagus Greek antiq. 913.385
- Aretino, Pietro Ital. dram. 852.34
- Arezzo, G. d' " poetry 851.12
- Argand lamp chem. tech. 665.6  
 dom. econ. 644.323
- Argensola, B. L. Sp. poetry 861.34  
 L. " " 861.34
- <sup>1</sup>Argenteuil co. Que. history 971.423
- Argentina  
 administration 354.82  
 botany 581.982  
 finance 336.82  
 geology 558.2  
<sup>1</sup> history 982  
 maps 912.82  
 schools, public 379.82  
 statistics 318.2  
 travel 918.2  
 treaties 341.282  
 other topics see table 1
- Argillite geology 552.44
- Argolis Greek anc. hist. 938.8
- Argon inorgan. chem. 546.293
- Argonauts Greek myth. 292
- Argot French language 447.09  
<sup>2</sup> other languages
- Argument  
 from design apologetics 239  
 metaphysics 124  
 law 347.92  
 logic 168
- Argumentation rhetoric 808
- Argus, ship U. S. war 1812 973.5253
- <sup>1</sup>Argyll, Scotland history 941.38
- Aria vocal music 784.2
- Ariana, Asia ancient hist. 939.65
- Arianism heresies 273.4
- Arici, Cesare Ital. poetry 851.67
- <sup>1</sup>Ariège, France history 944.88
- Ariosto, Lodovico It. poet. 851.32
- Aristippus Gk. philosopher 183.5
- Aristocracy form of state 321.5  
 social classes 323.31
- Aristolochiaceæ botany 583.924
- Aristophanes Gk. drama 882.4.
- Aristotelian philosophy 185**
- Aristotle Greek liter. 888.5  
 philosophy 185.1
- Arithmetic  
 elementary education 372.7  
**mathematics 511**  
 mechanical 510.8  
**political statistics 310**
- Arithmetical progression  
 algebra 512.6  
 arithmetic 511.6
- Arithmometer, instrument 510.8
- Arizona, U. S.  
 acquisition Mex. war 973.621  
 discovery U. S. hist. 973.16  
<sup>1</sup> history 979.1  
 travel 917.91  
 For mil. hist. see subd. of  
 Special campaigns and Military  
 history under 973.7 and  
 973.89
- Arkansas, U. S.  
 admission U. S. hist. 973.56  
<sup>1</sup> history 976.7  
 For mil. hist. see subd. of  
 Special campaigns and Military  
 history under 973.52,  
 973.7 and 973.89
- secession 973.713  
 travel 917.67
- Arm  
 anatomy 611.972  
 lymphatics of anat. 611.42172  
**muscles " " 611.7372**
- Armada, Span. Eng. hist. 942.055  
 Span. " 946.04
- <sup>1</sup>Armagh, Ireland history 941.66
- Armament shipbuilding 623.9
- Armamentaria surgery 617.91
- Armaments ordnance 623.4**
- Armature stamps elec. eng. 621.318

Armatures elec. eng.	621.316	Army	
Armd neutrality inter. law	341.3	<b>life military scienc</b>	<b>355.1</b>
Armenia ancient history	939.55	U. S. civil war, north	973.783
<sup>1</sup> modern "	956.6	south	973.784
Armenian		Great war Cent. allies	940.484
architecture	723.2	Entente "	940.483
church	281.6	<b>lists foren</b>	<b>354</b>
<sup>4</sup> language	491.54	United States	353.6
<sup>5</sup> literature	891.54	<b>military science</b>	<b>355</b>
Armies		<b>officials lives</b>	<b>923.5</b>
<b>military engineering</b>	<b>623</b>	organization mil. science	355.31
science	355	posts mil. engineering	623.613
U. S. history civil war	973.74	regular U. S. civil war	973.7411
Mex. "	973.624	<b>regulations</b>	<b>355</b>
revolution	973.34	revivals U. S. civil war	973.778
Spanish war	973.894	Salvation relig. assns	267.15
war of 1812	973.524	United States	353.7
war customs	399	worm agriculture	632.77
Arminian baptists	286.1	Arna cattle	636.293
Arminianism		zoology	591.69
continental prot. sects	284.9	Arnaut, Dan. Prov. poet.	849.127
methodism	287	Arndt, E. M. Ger. poetry	831.71
Armistis internat. law	341.3	Arnim, L; A. von" fiction	833.66
Armor		Arnold, Benedict	
fortifications	623.124	Can. exped. Am. revol.	973.3316
plate manufactures	672	in Conn. " "	973.3377
shipblding	623.9	naval hist. " "	973.352
war customs	399	treason " "	973.382
Armord vessels mil. eng.	623.9	Arnold, M. Eng. essays	824.85
<sup>4</sup> Armorican language	491.68	Arnold's ganglion anat.	611.89156
Armories architecture	725.18	Arnulf German history	943.021
mil. eng.	623.48	Aroideæ botany	584.64
Armor-piercing shells	623.4518	Aromatic	
Arms		compounds physiology	612.398195
artificial	617.57	plant products chem. tech.	668.5
coats of college or univ.	378.27	Arondissement Fr. loc. govt	352.0445
heraldry	929.8	Aroostook	
cross elec. engin'g	621.319224	<sup>1</sup> co. Me. history	974.11
gunmaking	683	war U. S. history	973.57
<b>military engineering</b>	<b>623.4</b>	Arrangement	
science	355	of duplicates lib. econ.	025.264
sergeant at	328.3624	words Eng. syntax	425.3
war customs	399	<sup>3</sup> other languages	
<sup>1</sup> Armstrong co. Pa. hist.	974.888	Arrearages law	347.7
Army		Arrebo, Anders Dan. poetry	839.8131
and navy union, regular	369.111	Arrest	
British	354.426	civil trials	347.9
chaplains U. S. civ. war	973.778	<b>criminal law</b>	<b>343</b>
cookery dom. econ.	641.573	immunity of legislators	328.348
corps mil. science	355.31	Arresters, see Protectiv	
corps U. S. civ. war	973.7416	devices	
foren countries	354	Arrom, C. B. de F. C.	863.53

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Arrow			Arteries		
hed inscriptions	492.1917		diseases of	616.13	
heds, stone prehist. arch.	571.15		Artesian wells	san. eng.	628.11
Arrows	archery	796	<sup>1</sup> Arthabaska co. Que. hist.		971.4565
	war implements	399	Arthrodia	anatomy	611.72961
Ars signorum	univ. lang.	408.9	Arthropathy	pathology	616.72
Arsacidæ	history	935.6	Arthropoda	zoology	595.2
Arsenals	architecture	725.18	Arthrostraca	"	595.37
	military eng.	623.47	Arthur, C. A.	presidency	973.84
Arsenates	mineralogy	549.72	Arthurian romances		398.2
Arsenic			Artichoke	edible leaves	635.32
drugs		615.219	Jerusalem " tubers		635.24
inorganic chemistry		546.191	field crops		633.494
medical jurisprudence		340.6	Articles		
ores		553.47	English syntax		425.6
poisons		615.926	Greek syntax		485.6
Arsenicism	toxicology	615.926	other languages		
Arsenids	inorganic chem.	546.19	of confederation 1781-89		
	mineralogy	549.3	U. S. constitu. hist.		342.73
Arson	criminal law	343	history		973.318
Art			Thirty-nine Ang. creed		238.3
anatomy	drawing	743	Articulates	paleontology	565
biografy		927		zoology	595
christian	ecclesiology	246	Articulatio coxae	anat.	611.7282
decorativ	furniture	749	Articulations	anatomy	611.72
delineation of children		136.757	Artificial		
education		707	boundaries	pol. science	320.1289
embroidery		746	butter	chem. technol.	664.3
fine		700	colors	" "	667.2
freedom	pol. sci.	323.447	eyes		617.79
galleries		708	feeding	zootechny	636.08413
architecture		727.7	flowers	ornam. design	745
with libraries		021.48	foods	physiology	612.3929
gallery	library bldgs	022.656	fuel	chem. tech.	662.8
history		709	horizons	astronomy	522.57
industrial	useful arts	600	ice	manufacture	621.58
interior decoration		747	larynxes	physiology	612.783
material	lib. admin.	025.177	light	perspectiv	515.63
museums	inter. affairs	351.853	lights	chem. tech.	665
needlework		746	dom. econ.		644.3
religious		246	electric engin.		621.32
rudiments, prehistoric		571.7	engineering		628.9
sacred furniture		247	lib. bildings		022.75
schools		707	limbs		617.5
studios	architecture	727.7	mineral waters	ch.tech.	663.6
useful		600	respiration	physiol.	612.2163
woman in		396.7	stone	bldg materials	691.3
Arterial blood	physiol.	612.113	chem. technol.		666.8
Arteries			piers and colums		721.33
anatomy		611.13	walls		721.23
blood pressure.		612.143	teeth	dentistry	617.69
vasomotors		612.182	Artillery		
circulation in	physiol.	612.133	army department		358.1
			gunnery	mil. eng.	623.5

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Artillery</b>		
<b>ordnance mil. eng.</b>	<b>623.4</b>	
U. S. civil war	973.7417	
<b>Artisans biography</b>	<b>926</b>	
<b>Artistic furniture</b>	<b>749</b>	
<b>Artists biography</b>	<b>927</b>	
<b><sup>1</sup>Artois, France history</b>	<b>944.27</b>	
<b>Artotype photography</b>	<b>774</b>	
<b>Arts</b>		
<b>and crafts</b>	<b>740</b>	
<b>trades</b>	<b>600</b>	
<b>fine</b>	<b>700</b>	
<b>biography of</b>	<b>927</b>	
<b>graphic . fine arts</b>	<b>700</b>	
<b>useful</b>	<b>600</b>	
<b>biography of</b>	<b>926</b>	
<b>Arundel marbles Gk inscrip.</b>	<b>481.7</b>	
<b>Aryan</b>		
<b>languages</b>	<b>491</b>	
<b>literatures</b>	<b>891</b>	
<b>races ethnology</b>	<b>572.891</b>	
<b>Asafetida therapeutics</b>	<b>615.789</b>	
<b>Asbestos</b>		
<b>economic geology</b>	<b>553.67</b>	
<b>engineering materials</b>	<b>620.195</b>	
<b>fabrics domestic econ.</b>	<b>646.19</b>	
<b>roofing</b>	<b>695.7</b>	
<b>Ascension</b>		
<b>of Christ christology</b>	<b>232.5</b>	
<b>right theoretic astron.</b>	<b>521.27</b>	
<b>Ascensions</b>		
<b>balloon aeronautics</b>	<b>533.6</b>	
<b>Asceticism</b>	<b>273.2</b>	
<b>personal relig.</b>	<b>248</b>	
<b>Ascidia zoology</b>	<b>594.9</b>	
<b>Ascites diseases</b>	<b>616.38</b>	
<b>Asclepiadeæ botany</b>	<b>583.73</b>	
<b>Ascolichenes "</b>	<b>589.15</b>	
<b>Ascomycetes "</b>	<b>589.23</b>	
<b>Aseel fowls</b>	<b>636.58811</b>	
<b>Asfalt</b>		
<b>chemic technology</b>	<b>665.4</b>	
<b>economic geology</b>	<b>553.27</b>	
<b>engineering materials</b>	<b>620.196</b>	
<b>pavements road engin'g</b>	<b>625.85</b>	
<b>roofing</b>	<b>695.6</b>	
<b>Ash</b>		
<b>constituents of food</b>	<b>612.3926</b>	
<b>removers steam eng.</b>	<b>621.18378</b>	
<b><sup>1</sup>Ashango land history</b>	<b>967.2</b>	
<b>travel</b>	<b>916.72</b>	
<b><sup>1</sup>Ashanti history</b>	<b>966.7</b>	
<b>Ashburton treaty</b>		
<b>international law</b>	<b>341.2</b>	
<b>U. S. history</b>	<b>973.58</b>	
<b>Ashes</b>		
<b>fertilizers</b>	<b>631.831</b>	
<b>removal of sanitation</b>	<b>628.44</b>	
<b>volcanic lithology</b>	<b>552.22</b>	
<b>Ashland</b>		
<sup>1</sup> <b>co. O. history</b>	<b>977.129</b>	
<sup>1</sup> <b>Wis. history</b>	<b>977.521</b>	
<b>Ashpits</b>		
<b>locomotiv boilers</b>	<b>621.1332</b>	
<b>railway engineering</b>	<b>625.16</b>	
<b>steam engineering</b>	<b>621.18355</b>	
<b>Ashtabula</b>		
<sup>1</sup> <b>city, O. history</b>	<b>977.1341</b>	
<sup>1</sup> <b>co. O. history</b>	<b>977.134</b>	
<b><sup>1</sup>Ashuanipi co. Que. history</b>	<b>971.419</b>	
<b>Asia antiquities</b>	<b>913.5</b>	
<b>botany</b>	<b>581.95</b>	
<b>geology</b>	<b>555</b>	
<sup>1</sup> <b>history</b>	<b>950</b>	
<b>statistics</b>	<b>315</b>	
<b>travels</b>	<b>915</b>	
<b>Asia Minor</b>		
<sup>1</sup> <b>history, modern</b>	<b>956</b>	
<b>travels "</b>	<b>915.6</b>	
<b>Eastern ancient hist.</b>	<b>939.3</b>	
<b>Western " "</b>	<b>939.2</b>	
<b>Asiatic</b>		
<b>bantams</b>	<b>636.58714</b>	
<b>cholera diseases</b>	<b>616.932</b>	
<b>ducks</b>	<b>636.59785</b>	
<b>languages</b>	<b>491-495</b>	
<b>eastern</b>	<b>495</b>	
<b>poultry</b>	<b>636.585</b>	
<b>sheep</b>	<b>636.385</b>	
<b>societies</b>	<b>490.6</b>	
<b>swine</b>	<b>636.485</b>	
<b>Asinari, F. Ital. drama</b>	<b>852.44</b>	
<b>Asparagus agriculture</b>	<b>635.31</b>	
<b>Asphalt, Asphaltum, see Asfalt</b>		
<b>Asphyxia pathology</b>	<b>616.206</b>	
<b>physiology</b>	<b>612.232</b>	
<b>surgery</b>	<b>617.18</b>	
<b>Aspirates Eng. language</b>	<b>421.2</b>	
<b>Greek "</b>	<b>481.2</b>	
<sup>3</sup> <b>other languages</b>		
<b>Aspiration</b>		
<b>pneumatic therapeutics</b>	<b>615.815</b>	
<b>Ass dairy</b>	<b>637.172</b>	
<b>domestic animals</b>	<b>636.182</b>	
<b>zoology</b>	<b>599.7</b>	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<sup>1</sup> Assam, India	history	954.1	Asterales	botany	583.53
Assassination	crim. law	343	Asteroidea	zoology	593.92
Assassins	lives	923.41	Asteroids	astronomy	523.44
	Persian hist.	955	Asteropherus, M. O.		
Assault and battery	law	343	Swedish drama		839.7222
Assaults	military eng.	623.2	Asthenopia		
	sci.	355.44	accommodativ		617.75
Assaying		669.9	muscular		617.76
Assembly			Asthma	diseases	616.23
legislativ		328	Astigmatism	" of eye	617.75
rooms	library bldgs	022.651		physiology	612.8453
	school	371.621	Astragalocalcaneal ligam't		611.72851
Assent	logic	163	Astragaloscaphoid	"	611.72851
Assessment	civil servis	351.6	Astragalus	bone	611.71871
	lib. econ.	024.2	Astringents		
	taxes	336.29	external irritants		615.772
Assignats	Fr. finance	336.44	Astrolabe	astronomy	522.41
	" revolution	944.04	Astrology	astronomy	520.1
Assignments	law	347.7		occultism	133.5
Assimilation of food			Astronomers	biografy	925.2
animals		591.133	Astronomic		
man		612.39	almanacs	chronology	529.5
plants		581.133	clocks		522.51
Assistants	dom. econ.	647.2	determinations	geod.	526.6
	lib. "	023.74	instruments		522
Assize, courts of	law	347.99	maps		524
Associated			observations		522.19
press	journalism	070.4312		maps	524
study	self education	374.2	photografy		522.63
Association			physics		521
mental faculties		153.2	Astronomy		520
physiologic	psychology	612.8212	descriptiv		523
public order		351.752	in relation to geodesy		526.6
Associationalism	philos.	149.4	physical		521
Associations			practical		522
bilding	loan inst.	332.32	spheric		522.7
	cooperation	334.1	theoretic		521
business	"	334	Astrophysics		523
charitable		361	Astrophytidæ	star fishes	593.94
college		378.06	<sup>1</sup> Asturias, Spain	history	946.1
	women	376.66	Asylum		
for supplying teachers		371.145	right of	legal antiquities	340.3
gilds		338.6	Asylums		
labor		331.88	architecture		725.5
library benefit		023.59	hygiene		613.56
religious	Y. M. C. etc.	267	inebriate	architecture	725.65
see also special subject and table 2				temperance	178.6
Assurance		368	sociology		362
Assyria	ancient history	935.2	Asynchronous		
	antiquities	913.352	machines	elec. eng.	621.3136
	architecture	722.5	Atalanta, ship	Am. rev.	973.357
<sup>4</sup> Assyrian language		492.19	Atavism	evolution	575.1
Astacidae	lobsters	595.36	Ataxia, locomotor	diseases	616.83

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<sup>1</sup> Atchison co. Mo. history	977.811	Atmosfere	
Athanasian creed	238.1	geologic agent	551.93
<b>Atheism</b> apologetics	239	ground pub. helth	614.773
natural theol.	211	hight of astronomy	523.58
Atheists biografy	922.91	<b>meteorology</b>	551.5
<b>Atheneum libraries</b>	027.2	moon	523.35
Atheneums, Dutch educ.	379.492	<b>pneumatics</b>	533.3
Athenian suprem. Gk hist.	938.04	Atmosferic	
Athens ancient history	938.5	currents	551.51
<sup>1</sup> modern " travel	949.5 914.95	electricity	537.4
<sup>1</sup> co. O. history	977.197	<b>engins pneumatics</b>	533.8
Athletic		pressure "	533.4
clubs hygiene	613.7	<b>physiology</b>	612.27
<b>sports</b> amusements	796	railways	625.5
hygiene	613.72	roads aeronautics	629.145
interschool	371.75	vibrations sound	534.1
school hygiene	371.74	Atolls physical geology	551.96
training hygiene	613.73	Atomic theory	541.2
Atlanta		weights	541.2
campain U. S. civ. war	973.7371	<b>Atomistic philosofy</b>	182.6
ship U. S. war of 1812	973.5255	Atoms stereochemistry	541.6
Atlantic		theory	541.2
cable, <i>see</i> Telegraf		Atonement christology	232.3
<sup>1</sup> co. N. J. history	974.984	<b>Atrium middle ear</b>	611.854
ocean phys. geografy	551.461	Atrocities, <i>see</i> Cruelty	
travel	910.4	Atrofies	
squadron U. S. civ. war	973.756	muscular physiology	612.7465
U. S. war with Spain	973.895	of spinal cord "	612.835
states		skin diseases	616.54
For military history of N. or		Atropin	
S. division or individual		effect on hart physiol.	612.1741
states, <i>see</i> subdivisions of		iris mydriatics	615.784
Special campaigns, and Mil-		physiol.	612.8424
itary history under 973.3,		saliva "	612.31342
973.52, 973.62, 973.7 and		materia medica	615.336
973.89		Attack	
telegraf communication	654.5	<b>means of comp. physiol.</b>	612.016
elec. eng.	621.3828	zoology	591.57
sociology	384	<b>military engineering</b>	623.2
Atlantis antiquities	913.39	<b>science</b>	355.4
mythology	292	Attacks	
orig. home of man	572.4	on laborers strikes	331.891
Atlanto-axial joint anat.	611.7215	Attendance	
Atlanto-odontoid joint "	611.7215	church	264
Atlas vertebra "	611.7112	school	371.52
Atlases		Attendants lib. economy	023.794
celestial astronomy	524	Attention physiol. psychol.	612.8212
geografy	912	Atterbom, P. D. A.	839.7165
school apparatus	371.6791	Attic	
<i>see also</i> special topics		domestic economy	645.69
Atlo-axoid joint anatomy	611.7215	middle ear	611.8545
Atmosfere		Attica Greek ancient hist.	938.5
erosion	551.37	Attitude, constraiind hyg.	613.65
farm	631.433	Attollens muscle anat.	611.7324

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Attorneys law	340	Augury	133.3
lives	923.4	Augustine mediev. philos.	189.2
Attraction		Augustinian monks	271.4
capillary liquids	532.6	Augustinism doctriens	230.14
chemic affinity	541.39	Auk zoology	598.4
gravity	531.5	Auricle ear diseases	617.82
magnetism	538	Auricles of hart anat.	611.125
of mountains geodesy	526.14	Auricular	
sun and earth	523.33	artery, posterior anat.	611.13325
Attrahens muscle anat.	611.7324	confession ordinances	265.6
Attributes of God	231.4	nerv, large anat.	611.83332
Atwood sheep, Spanish	636.366	valvs, right "	611.1266
Aubanel, J. M. Prov. poetry	849.145	Auriculoventricular valvs	611.1264
<sup>1</sup> Aube, France history	944.33	<sup>1</sup> Aurora, Ill. history	977.323
Aubergine	635.646	Auroras astronomy	523.59
Aubigné, T. A. d' Fr. satire	847.34	Auscultation pathology	616.074
Auburn prison system	365	Austen, J.. English fiction	823.74
Auction		Austerlitz Europ. hist.	940.27
catalogs author	018.3	French "	944.05
clast	017.3	Austin friars	271.4
dictionary	019.3	<sup>1</sup> Austral ilands hist.	996.2
Auctions		<sup>1</sup> Australasia "	993
book library buying	025.224	Australia	
business methods	658	administration	354.94
law of	347.7	botany	581.994
<sup>1</sup> Aude, France history	944.87	finance	336.94
Audifone acoustics	534.7	geology	559.4
Auditing	657	<sup>1</sup> history	994
Audition, <i>see</i> Hearing		maps	912.94
Auditory		schools, public	379.94
acuteness physiology	612.85871	statistics	319.4
canal ear diseases	617.83	travel	919.4
center physiology	612.85872	other topics <i>see</i> table 1	
nerv anatomy	611.8318	Australian	
physiology	612.8198	ballot suffrage	324.256
path, central anatomy	611.83181	sheep	636.3684
reflexes physiology	612.8588	Austria	
subjectiv sensations "	612.85873	administration	354.436
Auditus coloratus "	612.84373	antiquities	913.436
<sup>1</sup> Audrain co. Mo. history	977.833	architecture	720.9436
<sup>1</sup> Audubon co. Ia. history	977.7486	botany	581.9436
societies	179.3	colleges	378.436
Auerbach, B. Ger. fiction	833.81	constitutional law	342.43
Auersperg, A. A. " poetry	831.77	education	370.9436
Auger. posthole agric.	631.3113	finance	336.436
Augeronne swine	636.443	geology	554.36
Augier, G. V. E. Fr. drama	842.83	<sup>1</sup> history	943.6
<sup>1</sup> Auglaize co. O. history	977.143	laws	349.43
<sup>2</sup> Augment Gk etymology	482.8	maps	912.436
Augsburg		religious history	274.36
confession church hist.	270.6	schools, public	379.436
creeds	238.4	statistics	314.36
Lutheranism	284.1	travel	914.36
poultry	636.538	treaties	341.2436

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Austria</b>			
<b>zoology</b>		<b>591.9436</b>	
other topics	see table 1		
<b>Austrian</b>			
architecture, Romanesque	723.43		
ascendancy in Italy	945.07		
Netherl'ds	949.202		
succession, war U.S. hist.	973.26		
whites turkeys	636.5925		
<b>Authenticity of Scripture</b>	220.1		
<b>Author</b>			
bibliografies, individual	012		
catalog lib. admin.	025.3		
catalogs bibliografy	018		
<b>Authority</b>			
church and ministerial	262.8		
ethics	171.1		
school	371.5		
<b>Authors</b>			
and publishers	655.52		
anonymous bibliografy	014		
birthdays school observ.	371.365		
individual bibliog.	012		
lives	928		
remuneration	655.52		
rights of copyright	655.6		
law	347.7		
special classes bibliog.	013		
<b>Authorship</b>			
Bible	220.1		
literary methods	029.6		
<b>Autobiografy</b>	920		
<b>Autocracy form of state</b>	321.6		
<b>Auto-da-fé Span. history</b>	946.04		
" inquis.	272.2		
<b>Autodigestion of stomach</b>	612.3234		
<b>Autoelectrolytic processes</b>			
practical chemistry	542.8		
<b>Autografs book rarities</b>	091		
<b>Autolysis physiol. chem.</b>	612.015349		
<b>Automata, mechanical</b>	791		
metaphysics	127		
<b>Automatic</b>			
actions of animals phys.	612.821312		
checks gun mounts	623.43561		
fire extinguishers	614.844		
guns ordnance	623.4225		
small arms	623.4424		
pistols " "	623.4433		
rifles small arms	623.4424		
shaft-governor engins	621.1643		
switchboards telephony	621.3877		
<b>Automatic</b>			
telephone systems	621.38575		
telegraf elec. eng.	621.3824		
<b>Automobile</b>			
torpedoes naval engin'g	623.95		
<b>Automobiles engin'g</b>	629.2		
<b>Autonomy ethics</b>	171.6		
pol. sci.	320.1		
<b>Autopsy pathology</b>	616.079		
<b>Autotomy comp. physiol.</b>	612.0161		
zoology	591.57		
<b>Autotransformers eng.</b>	621.3144		
<b>Autotypes</b>	773		
<b>Autumnal catarrh diseases</b>	616.202		
<b><sup>1</sup>Auvergne, France hist.</b>	944.59		
sheep	636.3421		
<b>Auxiliaries, Amer. in revol.</b>	973.346		
<b><sup>1</sup>Ava, Burmah history</b>	959.2		
<b>Avalanches phys. geology</b>	551.31		
<b>Avaris ethics</b>	174.5		
<b>Avars history</b>	950		
<b>Avatars Brahmanism</b>	294		
<b>Aveneae grass crops</b>	633.286		
<b>Average</b>			
maritime law	347.7		
probabilities	519.6		
values, alligation	511.8		
<b>Averroes mediev. philos.</b>	189.3		
<b><sup>4</sup>Avesta, Zend language</b>	491.52		
literature	891.52		
religion	295		
<b><sup>1</sup>Aveyron, France hist.</b>	944.74		
sheep	636.3468		
<b>Aviation</b>			
amusements	796		
engineering	629.17		
physics	533.6		
<b>Avicenna mediev. philos.</b>	189.3		
<b>Aviculture</b>	636.6		
<b>Aviets aeronautics</b>	629.179		
<b>Avignon</b>			
council of relig. hist.	270.5		
<b>Avilla, J. de Span. letters</b>	866.31		
<b>Avocado pear</b>	634.653		
<b>Avoirdupois weights</b>	389		
<b>Avon, ship U.S. war 1812</b>	973.5255		
<b>Awnings dom. economy</b>	945.3		
ship outfit	623.86		
<b>Ax, grubbing</b>	631.3116		
pruning	631.3425		
<b>Axes, position of geodesy</b>	526.16		
<b>Axilla anatomy</b>	611.971		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Axillary  
artery anatomy 611.1341  
glands " 611.4671  
muscle " 611.7371  
veins " 611.1454
- Axis  
bone anatomy 611.7113  
cerebrospinal " 611.811
- Axle physics 531.82  
transmission mechanism 621.822
- Axles railway engineering 625.21
- Aylesbury ducks 636.59721
- <sup>1</sup>Ayr, Scotland history 941.42
- Ayrshire cattle 636.2251
- Azeel fowls 636.58811
- Azeglio, M. d' Ital. fiction 853.78
- Azimuth  
constant 522.37  
determinations 526.63  
instrument astronomy 522.42
- Azo-bodies organ. chem. 547.8
- Azoic rocks stratigraf. geol. 551.71
- <sup>1</sup>Azores history 946.99
- Azotin  
fertilizers 631.848
- Azoxy-bodies organ. chem. 547.8
- Aztec  
architecture 722.9  
club of 1847 369.145  
history 972.014  
language 497
- Azygos veins anatomy 611.1456
- Baalbec ancient history 939.42
- Babies, *see* Infants
- Babism Moham. sect 297
- Babrius Greek poetry 881.4
- Babylon  
ancient history 935.4  
architecture 722.5  
<sup>4</sup> language, cuneiform 492.19  
religion 299.219
- Baccalaureate sermons 252.5  
colleges 378
- Bacchanalia soc. customs 394.1
- Bacchus mythology 292
- Bachelors celibacy 176.2
- Back, bursae of anatomy 611.753
- Backbone anatomy 611.711
- Backgammon  
ethics 175.5  
games 795
- Backsight ordnance 623.4251
- Backstitching dom. econ. 646.21
- Bäckström, P. J. E. 839.7266
- Bacon, Francis  
British philosophers 192.1  
empiricism 144  
English essays 824.3  
Shakspeare controversy 822.33
- Baconian philosophy 192.1
- Bacon's rebellion Va. hist. 975.5
- Bacteria  
agriculture beneficial 631.8472  
injurious 632.3  
botany 589.95  
fermentation 663.1  
theory of diseases 616.01
- Bactericidal properties of  
blood physiology 612.118223
- Bacteriology  
of intestin physiology 612.3363  
saliva " 612.31363  
soil agriculture 631.46  
stomach physiology 612.3263  
pathology 616.01
- <sup>4</sup>Bactrian, Old language 491.52
- Bactriana ancient hist. 939.64
- Bad social customs hyg. 613.87
- <sup>1</sup>Baddeck, N. S. history 971.693
- <sup>1</sup>Baden, Germany history 943.46
- Badges heraldry 929.8
- Badminton games 796
- Baffin bay travels 919.8
- Bagatelle amusements 794
- <sup>1</sup>Bagdad history 956.7

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Bagging manufacture	677	Baldness dermatology	616.54
Baggesen, Jens Dan. poetry	839.8156	Bale, J: English drama	822.23
<sup>1</sup> Bagot co. Que. history	971.4525	<sup>1</sup> Balearic Islands history	946.7
Bagpipe	788.9	Balers	631.3632
Bags		Baling	631.5642
agriculture	631.3721	<sup>1</sup> Balize history	972.82
manufacture	677	travels	917.282
<sup>1</sup> Bahamas history	972.96	<sup>1</sup> Balkan states history	949.6
travel	917.296	Ball	
Balf, J: A. de Fr. poetry	841.36	and socket joint anat.	611.72963
L.de Fr. drama	842.32	bearings engineering	621.822
Bail criminal law	343	strength	620.11284
Bailiffs local gov't	352.2	playing amusements	797
Baillie, Joanna Eng. drama	822.71	school hygiene	371.74
Bailments	347.4	Ballads	
Bain automatic telegraf	621.38241	Danish poetry	839.8112
Bait for specimen collecting	579.611	<sup>5</sup> English literature	821.04
Bakauner swine	636.432	song books	398.8
Baker shorthand	653.35	Swedish poetry	839.7114
Bakers' occupation hygiene	613.64	vocal music	784.3
Bakewell's Leicester sheep	636.3211	Ballast railway engin'g	625.14
Bakies, Scotch	636.528	transportation	656
Baking		Ballers	631.3361
cookery	641.71	Ballet amusements	792
powder adulterations	614.315	ethics	175.2
chem. tech.	664.6	Ballistics	
Bakonyer swine	636.432	exterior mil. engin'g	623.54
Balance		interior " "	623.53
bridge engineering	624.35	Balloon	
frame cultivator	631.3163	sonde aeronautics	629.151
machines	531.81	<b>Ballooning aeronautics</b>	<b>629.15</b>
metrology	389	military	<b>623.741</b>
of power polit. science	320.1	physics	533.6
trade commerce	382	<b>Ballot suffrage</b>	<b>324.25</b>
spring watchmaking	681	Balloting	
Balanced courses educ.	375.005	legislativ procedure	328.375
plow	631.3122	see also distinctiv name	
Balancers elec. eng.	621.31327	Ballots	
Balances, chemic	542.32	count of suffrage	324.261
Balancing		miscount of "	324.275
apparatus aviation	629.186	Ballroom furnishings	645.69
ballooning aeronautics	629.166	Ball's Bluff, Va. U. S. hist.	973.7318
machinery shipbiling	623.87	Balls	
running gear railrd eng.	625.21	dancing	793
Balanophoreæ botany	583.947	domestic economy	642.43
Balanopseæ "	583.961	ethics	175.3
Balbo, Cesare Ital. essays	854.74	projectils ordnance	623.45111
Balbóa discov. of Amer.	973.16	small arms	623.4551
Balconies, sleeping		Balm garden crop	635.73
furnishing dom. econ.	645.67	Balms field "	633.816
location " "	643.57	<sup>1</sup> Baltic provinces, Rus. hist.	947.4
Balcony furnishings	645.8	sea phys. geog.	551.461
Baldi, Bernardino It. poet.	851.47	travels	914.74

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- <sup>1</sup>Baltimore city history 975.26  
travels 917.526
- <sup>1</sup>co. Md. history 975.271  
riot U. S. civil war 973.7313
- <sup>1</sup>Baluchistan history 958.8
- Balustrades arch. design 729.39
- Balzac, H. de Fr. fiction 843.73
- Bamboo fibers 633.587
- Bambuseae grass crops 633.289
- Bampton holts sheep 636.3217  
lectures 239.01
- Banana agriculture 634.772  
*See also distinguishing name*
- Band music 788**  
irons plumbing 696.7  
saws machine tools 621.93
- Bandages surgery 617.93  
therapeutics 615.813
- Bandello, Matteo Ital. fic. 853.32
- Banditti biography 923.41  
law 343
- <sup>1</sup>Banff, Scotland hist. 941.24
- <sup>1</sup>Bangkok history 959.3  
travel 915.93
- Bangorian controversy 283.42
- Banishment crim. law 343.2
- Banjo 787.7
- Bank**  
note engraving 768  
notes counterfiting 332.9  
money 332.5  
of England economics 332.15  
the U.S. " 332.11  
U.S. national U.S. hist. 973.41
- Bankers biography 923.3**
- Banking 332.1**
- Bankrupt laws 347.7
- Bankruptcy 347.7
- Banks**  
and banking law 347.7  
architecture 725.24  
cooperativ cooperation 334.2  
political economy 332.1  
savings banking 332.2  
state control 351.825
- Banners heraldry 929.9  
sacred ornam'ts 247.9
- Banquets  
domestic economy 642.45  
social customs 394.1  
student life 371.89
- Bantams 636.5871**
- Banting dietetics 613.24
- Banville, T.F. de Fr. poet 841.83
- Baptism of infants 265.1  
sacrament 265.1
- Baptismal**  
fonts sacred furniture 247.1  
regeneration salvation 234.4
- Baptisms registers of 929.3
- Baptistery sac. furniture 247.1
- Baptists 286**  
**biografy 922.6**  
persecution by Puritans 272.8
- Bar**  
association 347.06  
keeper's manuals 663.8  
legal 340  
**biografy 923.4**  
tending ethics 178.4
- <sup>1</sup>Baraga co. Mich. history 977.497
- Barb horse 636.11  
pigeon 636.59614
- <sup>1</sup>Barbados history 972.98  
travels 917.298  
gooseberry 634.7757
- Barbarians**  
antiquities *see country*  
invasion of Rome 937.09  
**N. American indians 970.1**  
**prehistoric archeology 571**  
**S. American indians 980**  
war customs 399
- Barbarins sheep 636.3469
- Barbarism vs church 261.3
- Barbarisms Eng. lang. 428.3  
<sup>s</sup> other languages
- Barbarities, *see Cruelty*
- <sup>1</sup>Barbary States history 961  
wars U.S. hist. 973.47
- Barbd wire manufacture 672
- Barberini vase pottery 738
- Barberino, F. da Ital. fic. 853.12
- Barberry 634.746
- Barbers 391.5
- Barbet  
armor shipbilding 623.9  
mounts ordnance 623.4332
- Barbézieux poultry 636.544
- Barbier, H.A. Fr. satire 847.72
- Barbizon school painting 759.4
- Barbour, J: Eng. poetry 821.16
- <sup>1</sup>Barbour co. W. Va. hist. 975.459
- <sup>1</sup>Barcelona history 946.7  
travel 914.67
- Barclay, A. Eng. satire 827.21

Bards and minstrels			Barthélemy, A.M. Fr. sat.	847.71
English literature	821		Bartholin, Kaspar Dan. lit.	839.883
French "	841		T: " "	839.883
German "	831		Bartholini's glands anat.	611.677
6 other literatures			phys.	612.494
Bare wire elec. engin'g	621.31932		Bartholomew	
Barebones parliament	942.064		1 co. Ind. history	977.224
Baretti, G. Ital. satire	857.65		fair public customs	394.6
Barges shipblding	623.829		St religious persecu.	272.4
Barium inorganic chem.	546.43		Bartoli, D. Italian essays	854.53
Bark grafting	631.54136		1Barton co. Mo. history	977.871
Barley agriculture	633.16		Baruch Apocrypha	229.5
brewing	663.3		4Bas Breton language	491.68
Barlow, Joel Am. poetry	811.23		Basalt geology	552.28
Barnacles zoology	595.35		Bascule bridges engin'g	624.82
Barns agriculture	631.22		Base	
architecture	728.95		line geodesy	526.24
1Barnstable co. Mass. hist.	974.49		mesures, adjust. of geod.	526.57
1Baroda, India history	954.7		mesuring "	526.2
Barometer pneumatics	533.4		Baseball amusements	797
Barometric			school hygiene	371.74
leveling geodesy	526.37		Bases	
pressure mesology	612.01441		library furniture	022.915
physiol. effects	612.27		qualitativ analysis	544.12
respiration	612.2232		theoretic chemistry	541.4
Barometry hypsometry	551.53		wage political econ.	331.23
meteorology	551.54		walls	721.25
Baron, M.B. Fr. drama	842.48		Bashan ancient history	939.46
Baronage heraldry	929.7		Bashfulness ethics	179.9
Baronetage "	929.7		Basidiolichenes botany	589.11
Barons war Eng. hist.	942.034		Basidiomycetes "	589.22
Baroque style architec.	724.19		Basilar	
Barracks architecture	725.18		arteries anatomy	611.1349
hygiene	613.67		phalanges of foot "	611.71891
military eng.	623.612		hand "	611.71791
Barrages engin'g	627.1		Basilic veins "	611.145462
Barrel organs music	789.9		Basilica architecture	726.5
Barrels agriculture	631.5644		Roman antiqui.	913.37
manufacture	674		Basilican code law	349.37
Barricade military eng.	623.15		1Basilicata, Italy history	945.77
Barrier forts military eng.	623.134		Basilisk legends	398.2
Barriers elec. engineering	621.3177		zoology	598.11
Barrili, A.G. Ital. fiction	853.82		Basin	
1Barron co. Wis. history	977.518		docks shipblding	623.83
Barrows, British archeol.	571.92		Basins	
hand	631.3721		catch sewers	628.255
shorthand	653.73		filter waterworks	628.16
1Barry co. Mich. history	977.416		physical geografy	551.43
1  Mo. "	977.876		Basis pedunculi anat.	611.81542
Bars harbor engineering	627.1		Basket ball games	796
strength of materials	620.11282		fibers	633.58
Barter commerce	380		Basketry	
zootechny	636.08113		elementary education	372.55

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Basketry</b>			<b>Baths</b>		
manufactures	674		physiologic effects	612.541	
ornamental	745		practical chemistry	542.4	
prehistoric	571.53		<b>Batidæ</b> botany	583.916	
<b>Baskets</b>			<b>Batrachia</b> paleontology	567.6	
balloon aeronautics	629.162		zoology	597.6	
packing agric.	631.5644		<b>Bats</b> "	599.4	
appliances "	631.3644		<b>Battalion</b> mil. science	355.31	
transport "	631.3731		drill " tactics	356	
<sup>1</sup> Basle history	949.4		<b>Batteries</b>		
travel	914.94		advancing siege works	623.23	
<b>Basque</b>			electric engineering	621.354	
<sup>4</sup> language	491.69		physics	537.86	
<sup>5</sup> literature	891.69		floating naval eng.	623.9	
<sup>1</sup> provinces history	946.6		military mil. "	623.4	
sheep	636.3461		storage elec. "	621.354	
<sup>1</sup> Basra history	956.7		<b>Battering ram</b> war customs	399	
<b>Bas-relief</b> sculpture	736		<b>Battery</b>		
<b>Bass</b> fishing	799		carriages ordnance	623.4316	
zoology	597.5		tools mil. engin'g	623.461	
<b>Bass</b> clarinet wind instrum.	788.6		<sup>1</sup> Battle Creek, Mich. hist.	977.422	
horn " "	788.48		<b>Battle</b>		
<b>Basses</b>			paintings	756	
<sup>1</sup> Alpes, France history	944.95		wager of legal antiq.	340.3	
<sup>1</sup> Pyrénées " "	944.79		<b>Battledoor</b> outdoor sports	796	
<b>Bassethorn</b> music	788.6		<b>Battleflag</b> day U.S.civ.war	973.763	
<b>Bassoon</b> "	788.8		<b>Battles</b>		
<b>Bastardy</b> law	347.6		Great war 1914-19	940.42	
<b>Bastile</b> prisons	365		land military science	355.48	
French history	944.041		naval naval "	359	
<b>Bastions</b> fortifications	623.116		U. S. history civil war	973.73	
<b>Batata</b>	635.22		Mex. " "	973.623	
<sup>1</sup> Batavia history	992.2		revolution	973.33	
travel	919.22		Span. war	973.893	
<b>Batavia</b> system educa.	371.394		war of 1812	973.523	
<sup>1</sup> Bates co. Mo. history	977.843		see also hist. of other countries		
<b>Bath, order of the</b> heraldry	929.71		<b>Battleships</b> shipbuilding	623.825	
<b>Bathing</b>			<b>Baude, Henri</b> Fr. poetry	841.24	
customs	391.6		<b>Baudot</b> printing telegraf	621.38255	
domestic economy	646.7		<b>Bauxite</b> econ. geology	553.49	
hygiene	613.41		metallurgy	669.7	
school hygiene	371.735		<sup>1</sup> Bavaria history	943.3	
suits dom. econ.	646.47		travels	914.33	
<b>Bathroom</b> furnishings	645.68		<sup>1</sup> Lower history	943.35	
location	643.52		travels	914.335	
<b>Baths</b>			<sup>1</sup> Rhenish history	943.43	
admin. of medicin by	615.67		travels	914.343	
antipyretics	615.75		<sup>1</sup> Upper history	943.36	
antiquities Greek	913.38		travels	914.336	
Roman	913.37		<b>Bavarian</b> swine	636.431	
architecture	725.73		sheep	636.3333	
hydrotherapy	615.853		<b>Bay</b>		
hygiene	613.41		<sup>1</sup> City, Mich. history	977.447	
nutritiv hygiene	613.23				

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Bay			
<sup>1</sup> co. Mich.	history	977.447	
	of Bengal phys. geog.	551.467	
	windows architect. design	729.38	
Bayeux	tapestry decoration	746	
<sup>1</sup> Bayfield co. Wis.	hist.	977.513	
Bayonet			
	drill mil. science	356	
	hoe	631.3151	
	military efficiency	623.4443	
	wepons	399	
Bays	hydrografy	526.99	
Beaches,	formation of	551.36	
Beacons	navigation	656	
	river engin'g	627.9	
Beaconsfield	Eng. fict.	823.86	
Beads			
	archeology	571.74	
	blowpiping prac. chem.	542.52	
	decoration	746	
	devotional	247.9	
	ornaments	391.7	
Beadwork		746	
Beagle	expedition	508.3	
Beakers	prac. chem.	542.231	
Beam			
	and scales metrology	389	
	side-lever engins	621.1222	
Beams			
	bilding	694	
	iron bridgebilding	624.22	
	strength of materials	620.11282	
	strengthened carpentry	694.3	
	wood bridgebilding	624.222	
Bean			
	family fruit culture	634.46	
	harvesters	631.3563	
	shellers	631.3614	
Beans	field crops	633.3	
	garden "	635.65	
	gathering	631.5563	
Bearbaiting	customs	394.2	
Beards	"	391.5	
Bearings			
	engineering	621.822	
	steam turbin design	621.16539	
<sup>1</sup> Béarn, France	history	944.79	
Béarnaise	sheep	636.3462	
	swine	636.445	
Beasts			
	agriculture	636	
	zoology	599	
Beatitudes	Gospels	226.2	
<sup>1</sup> Beauce co. Que.	history	971.471	
<sup>1</sup> Beauharnois co. Que.	"	971.432	
Beaumarchais	Fr. drama	842.58	
Beaumont, F.	Eng. drama	822.35	
<sup>2</sup> Beauties, select'ns	Eng. lit.	828	
Beauty	esthetics	701	
	personal "	701	
Beaux	social ethics	177.6	
<sup>1</sup> Beaver co. Pa.	history	974.892	
Beaver	animals	599.3	
Beccaria, C. B.	Ital. essays	854.65	
Beccuti, Francesco	" satire	857.42	
<sup>1</sup> Bechuanaland	history	968.9	
	travels	916.89	
Becquerel rays	chemistry	541.38	
	mesology	612.014482	
Bed			
	room furnishings	645.67	
	wagon aid to injured	614.883	
	warmers	644.19	
Bedbugs	animal parasites	616.9681	
	household pests	648.7	
	zoology	595.75	
Bedding	domestic econ.	645.67	
	hygiene	613.591	
	zootechny	636.0832	
<sup>1</sup> Bedford co. England	history	942.56	
<sup>1</sup>	Pa. "	974.871	
Bedouin sheep		636.385	
Bedouins			
	Arabian history	953	
	travel among	915.3	
Beds			
	domestic economy	645.67	
	hygiene	613.591	
Beecher, H. W.	Am. orat'y	815.36	
Beef			
	cattle Belgian	636.242	
	Dutch	636.232	
	English	636.222	
	French	636.242	
	German	636.232	
	Swiss	636.232	
	cure therapeutics	615.854	
	food	641.3	
	production agriculture	636.2	
	economics	338.1	
Bee-keeping		638.1	
Beer			
	adulterations	614.344	
	analysis, chemic	543.1	
	drinking ethics	178.1	
	manufacture	663.4	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Bees					
culture	638.1				
insects	595.79				
pests	632.79				
wax agriculture	638.1				
Beet lifters	631.3584				
sugar chem. technol.	664.1				
Beethoven's					
overtures	785.5				
sonatas piano music	786.41				
symphonies orches. "	785.1				
Beetles					
insects	595.76				
paleontology	565.76				
pests agriculture	632.76				
Beets, N. Dutch essays	839.3454				
Beets					
garden crops	635.11				
field crops	633.41				
<i>See also distinguishing name</i>					
zootechny	636.08641				
Beggar weed	633.365				
Beggars pauperism	339				
relief	362.5				
Begging pub. administra.	351.763				
Begoniaceæ botany	583.468				
Behaim, M. disc. of Am.	973.11				
<b>Behavior</b>	177				
Behanding punishments	343.2				
Behemoth					
Bible	220.859				
folklore	398.4				
Behistun inscription	492.1917				
Behn, Aphra Eng. fiction	823.44				
Behring, <i>see</i> Bering					
Being, nature of ontology	111				
Beispiele German satire	837.21				
Bel and the dragon Apocr.	229.6				
Bel					
book and candle church	262.9				
glasses forcing	631.5441				
protection	631.3441				
ringing	789.5				
Belcari, F. Ital. drama	852.21				
<sup>1</sup> Belfast history	941.61				
travels	914.161				
<sup>1</sup> Belfort, France history	944.45				
Belgian					
cattle	636.24				
draft horse	636.1548				
<sup>1</sup> Kongo history	967.5				
poultry	636.548				
<b>Belgium administration</b>	354.493				
antiquities	913.493				
Belgium architecture	720.9493				
botany	581.9493				
colleges	378.493				
<b>constitution. law</b>	342.493				
education	370.9493				
finance	336.493				
geology	554.93				
<sup>1</sup> history	949.3				
laws	349.493				
maps	912.493				
symphious history	274.93				
schools, public	379.493				
statistics	314.93				
travel	914.93				
treaties	341.2493				
zoology	591.9493				
other topics see table 1					
Belief salvation	234				
theory of knowl.	121				
<sup>1</sup> Belize history	972.82				
travels	917.282				
<sup>1</sup> Belknap co. N. H. hist.	974.24				
Bell system education	371.41				
shorthand	653.42				
Bell, <i>see also</i> Bel					
Belladonna					
cerebrospinal poisons	615.98				
mydriatics	615.784				
Bellamy, J. Dutch poetry	839.3146				
Belleau, Remy Fr. "	841.33				
<sup>1</sup> Bellechasse co. Que. history	971.473				
<b>Belles-lettres</b>	800				
<sup>1</sup> Belleville, Ill. history	977.389				
Belligerents, rights of	341.3				
Bellman, K:M. Swed. poet.	839.7151				
Bellows prac. chem.	542.53				
Bells, <i>see</i> Bels					
Bell's respiratory nerv	611.83336				
Belmont					
battle U. S. civil war	973.751				
<sup>1</sup> co. O. history	977.393				
<sup>1</sup> Beloit, Wis. history	977.588				
<sup>1</sup> Beloosthan "	958.8				
Bels					
diving hydraulic eng.	627				
domestic economy	643.6				
manufacture	673				
music	789.5				
signals	654.7				
Belt conveyers mech. eng.	621.8675				
courses walls	721.25				
equatorial	525.14				
waterline shipbilding	623.9				
Belted cattle	636.2354				

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Belting mech. eng.	621.852	Berber sheep	636.386
Belts		Berberideæ botany	583.117
domestic economy	646.48	Berbers description	916.1
of Jupiter descr. astron.	523.45	Berceo, G. de Span. poetry	861.13
Bembo, Pietro Ital. poetry	851.31	Berchet, G. Italian "	851.71
Bemis Heights Amer. rev.	973.3333	Bereft charities	362.6
<sup>1</sup> Benares history	954.2	Bergamot perfume plants	633.813
travel	915.42	lime fruits	634.342
<b>Bench and bar biography</b>	<b>923.4</b>	<sup>1</sup> Bergen, Norway hist.	948.3
Benches		co. N. J. "	974.921
cutting agriculture	631.335	Bergh, H. van den	839.3252
school	371.631	Bergklint, O. Swed. poetry	839.7147
Benches school	371.631	Bergman, T. O. " misc.	839.7848
Bending machines	621.982	Bergmasker sheep	636.35
Bends hydraulics	532.55	Bergschlag swine	636.432
Benedetti, F. Ital. drama	852.67	Bering	
Benedictine monks	271.1	sea arbitration U.S.hist.	973.87
Benediction	264.9	treaty "	973.86
Benedictus sacred music	783.22	strait travel	917.98
Benedix, J. R. Ger. drama	832.81	Berkeley, G: Brit. philos.	192.3
<b>Benefactors biography</b>	<b>923.6</b>	idealism	141
Beneficence ethics	177.7	<sup>1</sup> Berkeley city, Cal. history	979.467
Benefices cleric support	254	co. W. Va. hist.	975.497
Benefit		<sup>1</sup> Berks co. England history	942.29
of clergy legal antiq.	340.3	Pa. "	974.816
societies cooperativ	334.7	<sup>1</sup> Berkshire co. Mass. hist.	974.41
insurance	368	Berkshire Knot sheep	636.3232
Benevolence ethics	177.7	swine, black	636.4261
Benevolent		red	636.4263
institutions	361	Berlier sewerage system	628.215
societies	361	<sup>1</sup> Berlin history	943.15
parish work	256	travels	914.315
Bengal		congress internat. law	341.1
bay of phys. geografy	551.467	decree " "	341.3
<sup>1</sup> India history	954.1	Bermuda	
<sup>4</sup> Bengali language	491.44	grass forage crops	633.261
Bengel burners prac. chem.	542.44	Hundred U. S history	973.7365
<sup>1</sup> Benguela history	967.3	<sup>1</sup> Bermudas history	972.99
Benivieni, G. Ital. poetry	851.25	travel	917.299
Bennington, Vt. battle	973.3332	Bernadotte Swedish hist.	948.07
co. Vt. hist.	974.38	Bernardines monastic ord.	271.79
Benserade, I. de Fr. satire	847.44	Bernart de Ventadorn	
Bent grass agriculture	633.23	Provençal poetry	849.125
<sup>1</sup> Benton co. Ind. history	977.297	<sup>1</sup> Berne history	949.4
Ia. "	977.761	travels	914.94
Mo. "	977.839	Bernese cattle	636.2373
Benzenes organ. chem.	547.26	Berni, F. Italian satire	857.32
<sup>1</sup> Benzie co. Mich. hist.	977.463	Beroalde de Verville, F.	
Benzoin perfume plants	633.816	French fiction	843.36
Benzole light chem. tech.	665.7	Berrichonne sheep	636.3441
Beowulf Anglo-Sax. poet.	829.3	<sup>1</sup> Berrien co. Mich. history	977.411
Bequests law	347.6	<b>Berries fruits</b>	<b>634.7</b>
library	021.94	<sup>1</sup> Berry, France history	944.55
Beranger, P. J: de Fr. poet.	841.71		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Berseem forage crops	633.32	Bible	
Bersezio, V. Ital. drama	852.81	history	220.95
<sup>1</sup> Berthier co. Que. history	971.443	Jewish history	933
Bertillon system anthropol.	573.6	in public schools educ.	377.1
<sup>1</sup> Berwick, Scotland history	941.45	legends of	398.1
Beryllium inorgan. chem	546.45	revision English	220.52
Beskow, B. von Swed. lit.	839.7262	societies	206
Bessel's		Bibliofiles biography	920.1
base measuring apparatus	526.22	<b>Bibliofily</b>	010
deduction L. M. Z. formu.	526.47	Bibliografers biography	920.1
determ. of earth's figure	526.15	Bibliografies general	011
functions	517.35	<b>Bibliografy</b>	010
Bessemer		<b>national</b>	015
process metallurgy	669.1	of special authors	012
steel engin'g materials	620.17	<b>subjects</b>	016
<b>Best reading</b>	028	<b>Bibliomania bibliografy</b>	010
Betel botany	583.925	Bicameral legislature	328.392
narcotics	613.85	Biceps	
Bethel ch. Va. U.S. civ. war	973.7313	brachii anat.	611.73721
Beton		femoris "	611.73827
chemic technology	666.8	Bicuspid valvs anat.	611.12642
construction masonry	693.5	Bicycle	
<b>engineering materials</b>	620.13	amusements	796
Betrothal customs	392.4	manufacture	629.2
Betterments law	347.2	rinks architecture	725.86
Bettinelli, S. Ital. essays	854.61	room lib. bildings	022.687
Betting ethics	175.9	Bids bilding	692.4
news journalism	070.446	Biehl, C. D. Dan. drama	839.8251
lib. econ.	024.58	Biennial legislation	328.353
Beverages		Big Bethel, Va. battle	973.7313
<b>adulterations</b>	614.34	Bigamy ethics	173.2
alcoholic hygiene	613.81	<b>law</b>	343
<b>temperance</b>	178	Bigelow's ligament anat.	611.7282
<b>hygiene</b>	613.3	Bignoniaceæ botany	583.84
<b>manufacture</b>	663	Bigotry ethics	179.8
recipes	641.87	Bijns, Anna Dutch poetry	839.3122
<b>water hygiene</b>	613.31	Bil hook agriculture	631.3424
Beyle, M. H. French fiction	843.71	Bilderdijk, Wil. "	839.3151
Béziqne amusements	795	<b>Bilding</b>	690
Bezoar stones medicin	615.89	accidents inter. affairs	351.781
Bhagavat Ghita Sans. lit.	891.2	accounts, supervision of	692.7
Bhains cattle	636.293	<b>architecture</b>	720
<sup>1</sup> Bhotan, India history	954.1	associations coopera.	334.1
<b>Bible</b>	220	loan insti.	332.32
and science apologetics	239.8	construction history of	690.9
antiquities	220.93	contracts	692.9
Jewish	913.33	laws, bilding	692.9
classes Sunday schools	268	protection of life	614.85
Y. M. C. A.	267.3523	rent of land for	333.6
cyclopedias	220.3	<b>stones econ. geol.</b>	553.5
dictionaries	220.3	materials	691.2
geografy	220.91	Bildings	
anc. geog.	911.33	buttermaking	637.231

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Bildings</b>			
dairy		637.131	
<b>farm</b>		631.2	
hight of public helth		614.784	
inspection of		614.85	
<b>library</b>		022	
architecture		727.8	
lib. admin.		025.9	
<b>military engineering</b>		623.6	
out architecture		728.9	
public		725	
local government		352.5	
transit astronomy		522.13	
Y. M. C. A.		267.32	
architecture		726.9	
zootechny		636.0831	
<b>Bile</b>			
ducts	absorption in	612.35772	
	<b>anatomy</b>	611.361	
	obliteration of	612.35765	
	<b>physiology</b>	612.3577	
	effect of pancreatic juice	612.34251	
	<b>physiology</b>	612.357	
	therapeutics	615.742	
	with gastric juice	612.3226	
<b>Biliary</b>			
acids	physiology	612.35715	
calculi	"	612.35764	
	surgery	617.43	
<b>excretion</b>	<b>physiology</b>	612.3577	
fistulas	"	612.35711	
pigment	"	612.35713	
	in urin	612.46667	
	"	612.35715	
secretion	animals	591.148	
secretion	<b>man</b>	612.3573	
substances, abnormal		612.35769	
Bilious fever	diseases	616.36	
Biliousness	"	616.36	
<b>Bill</b>			
hook	agriculture	631.3424	
of exchange	banking	332.45	
	law	347.7	
	rights	English	342.429
<b>Billiard</b>			
room	furnishings	645.69	
	library bldgs	022.664	
saloons	architecture	725.84	
<b>Billiards</b>	ethics	175.4	
	game	794	
<b>Billings, Josh</b>	Am. humor	817.46	
<b>Billon</b>	coins and coinage	332.41	
<b>Bills</b>			
and notes	law	347.7	
<b>Bills</b>			
checking	lib. econ.	025.234	
legislativ	before passage	328.374	
	passage	328.375	
	<b>procedure</b>	328.373	
of credit	law	347.7	
	mortality	statistics	312
		pub. helth	614.12
	sale	law	347.3
<b>Bilt-up guns</b>		623.4216	
<b>Bimana</b>	mammals	599.9	
<b>Bimetallism</b>	coinage	332.42	
<b>Binary stars</b>	astronomy	523.84	
	vapor engines	621.44	
<b>Binaural hearing</b>	physiol.	612.85875	
<b>Binders</b>			
agriculture		631.3541	
library employees		023.771	
temporary	lib. fittings	025.7	
<b>Binding</b>			
book	library	025.7	
	mechanic trades	686	
	publishers'	655.53	
	rare	095	
	posts	elec. eng.	621.3526
	<sup>1</sup> Binghamton, N. Y.	hist.	974.776
<b>Binocular</b>			
vision	optics	535.7	
	physiology	612.8462	
<b>Binomial theorem</b>	algebra	512.4	
<b>Biogenesis</b>	zoology	591.16	
<b>Biographic</b>			
sermons	<b>biografy</b>	920	
	homiletics	252.9	
<b>Biografy</b>		920	
New testament		225.92	
of educators		923.7	
	hist. of educ.	370.92	
of gipsies		397	
indians		970.2	
pirates		923.41	
slaves		326.92	
Old testament		221.92	
scriptural		220.92	
<b>Biologic laboratories</b>	archi.	727.5	
<b>Biology</b>		570	
<b>Biometry</b>	life insurance	368.3	
<b>Bion</b>	Greek lyric poetry	884.7	
<b>Biondi, L.</b>	Ital. drama	852.66	
<b>Bionomics</b>		575.3	
<b>Bioplasm</b>		576.2	
<b>Biplanes</b>	aeronautics	629.174	
<b>Birch-Pfeiffer, C.</b>	Ger. dram.	832.74	
<b>Bird day, school</b>		371.365	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Birds</b>	<b>598.2</b>	<b>Black</b>	
agricultural aids	632.96	art magic	133.4
pests	632.698	boards school fittings	371.631
cage domestic pets	636.686	cap raspberry	634.7112
diseases of	619.6	Cayuga duck	636.59782
eggs oology	598.2	currant	634.723
flight aerodynamics	629.142	<i>See also distinguishing name</i>	
comp. physiology	612.768	deth plague	614.49
migration	591.52	draft horse	636.1523
game sports	799	duck, big	636.59782
nests of zoology	598.2	<sup>1</sup> Forest, Germany hist.	943.48
paleontology	568.2	trav.	914.348
poultry	636.5	friars Dominicans	271.2
protection	179.3	Hawk war U. S. hist.	973.562
<sup>1</sup> Birmingham, Eng. history	942.48	hills, S. Dak. geology	557.83
travels	914.248	history	978.3
<b>Birth</b>		paleon.	560.9783
customs	392.1	travel	917.83
growth after physiol.	612.65	hole, Calcutta	954.1
marks	617.3	huckleberry	634.732
obstetrics	618.2	medic	633.31
rates public helth	614.11	monks Augustinians	271.4
Birthday customs	392.1	Benedictines	271.1
Birthdays, public schools	371.365	Norfolk turkey	636.5927
Births		raspberries	634.713
registers of	929.3	salsify	635.166
registration pub. helth	614.11	sea travels	914.77
statistics	312	Spanish fowls	636.563
Bischarin sheep	636.386	swine, English	636.421
Bishop shorthand	653.74	turkey	636.5927
Bishops		walnut	634.512
ecclesiastic polity	262.3	Welsh cattle	636.2236
in legislativ bodies	328.3324	Blackberry	634.713
lives of	922	Blackfaced sheep	636.3252
Bismuth		<sup>1</sup> Blackford co. Ind. hist.	977.268
drugs digestiv system	615.735	trav.	917.7268
external agents	615.776	<sup>1</sup> Blackhawk co. Ia. hist.	977.737
inorganic chemistry	546.87	Blacking chem. technol.	667.8
Bismuthides mineralogy	549.3	Blacklisting	
Bison cattle	636.292	labor strikes	331.894
hunting	799	Blackmail law	343
zoology	599.7	legislativ abuses	328.367
Bissell bogies railway eng.	625.21	journalism	070.16
Bisticci, V. da Ital. essays	854.23	Blacksmithing	682
Bithynia anc. history	939.25	Blad apple	634.7757
<sup>1</sup> Bitlis history	956.6	Bladder anatomy	611.621
Bitters aids to digestion	615.7341	diseases	616.62
vegetable drugs	615.337	physiology	612.4671
Bitumen economic geol.	553.24	air comp. anat.	611.29
Bituminous coal	553.24	physiology	612.767
shale	553.23	gall anat.	611.366
Bivalvs paleontology	564.1	physiology	612.35771
zoology	594.1	swimming comp. anat.	611.29
Bixineæ botany	583.138	phys.	612.767
Björnson, B. Norweg. fic.	839.8367		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Bladensburg U.S. war	1812	973.5238	Blocks, patent printing	655.22
<sup>1</sup> Blair co. Pa. history		974.875	reinforced roads	625.87
Blanc, Mont travels		914.449	Blood	
Blanche, A. T. Swed. dram.	839.7263		changes in respiration	612.23
Bland silver act U.S. hist.	973.83		diseases	616.15
Blanket ballot suffrage	324.254		Examination	616.076
Blankets zootechny	636.08361		fertilizers	631.845
Blanks laborsavers	029.2		histology	611.0185
library	025.121		letting therapeutics	615.811
for special purpose see subject			making physiology	612.119
Blasphemy ethics	179.5		muscular irritability	612.7416
law	343		physiology	612.1
Blast			poisoning diseases	616.94
furnace engin'g works	621.76		leucocytes	612.1126
metallurgy	669.8		red corpus.	612.1114
prac. chem.	542.42		pressure physiol.	612.14
Blasting agriculture	631.513		purification "	612.23
mining eng.	622.23		serum, albuminoids of	612.39812
submarine	622.23		sugar of physiol.	612.35212
Blastopore embryology	611.01334		transfusion "	612.1163
Blastula "	611.013314		therapeutics	615.65
Blazonry heraldry	929.8		vessels anatomy	611.1
Bleachers' occupation hyg.	613.62		embryology	611.01368
Bleaching	667.1		sympath. syst.	612.899
Bleeding therapeutics	615.811		zoology	591.11
wounds	617.14		Bloody assizes Eng. hist.	942.067
Blemishes domestic animals	636.08115		Bloomer costume	391.2
Blicher, S. S. Danish fic.	839.8362		<sup>1</sup> Bloomington, Ill. history	977.359
Blights agriculture	632		Blowing engines	621.6
bacteria	589.95		Blowout valvs steam eng.	621.18479
Blind			Blowpipe	
asylums architecture	725.54		apparatus	542.5
sociology	362.4		Blowpiping	
education of	371.911		manipulation	542.53
libraries for	027.6		mineralogy	549.1
observat'n of congenitally	612.84375		qualitativ analysis	544.3
printing for	655.38		quantitativ "	545.4
schools "	371.911		rock analysis chem.	543.6
Blindage mil. eng.	623.24		Blue	
Blind-def education	371.913		Andalusian fowls	636.564
Blindness	617.7		books lists of officers	351.2
Blinds arch. construc.	721.87		parliamentary	328.42
Blisters therapeutics	615.774		United States	328.73
Blizzards meteorology	551.55		glass therapeutics	615.831
Block books	092		grass	633.21
<sup>1</sup> Island, R. I. hist.	974.58		gray cattle	636.2232
trav.	917.458		language univ. lang.	408.9
pavement reinforced	625.87		laws Connecticut	345.22
stone	625.82		prints fotografy	771
wood	625.83		Swedish duck	636.59723
vote suffrage	324.222		tangleberry	634.731
Blockade internat. law	341.3		vegetable dyes	633.862
U. S. civ. war	973.758		Blueberry	634.73
			See also distinguishing name	

Bluing	laundry process	648.27	Boeotia	ancient history	938.4
	supplies	648.18	Boer war		968.2
Blumauer, Aloys	Ger. sat.	837.62	Boers	history	968
Blunderbus	firearms	623.441	Boethius	Provençal poet'y	849.111
Blunders	Eng. language	428.3	Bog iron ore		553.3
"	other languages		Bogies	folklore	398.4
	etiquet	395		railway engin'g	625.21
Board			<sup>1</sup> Bohemia	history	943.71
of helth	city gov't	352.4		travel	914.371
	medicin	614	Bohemian		
	reports of	614.09	brethren	sects	284.3
	sanitary eng.	628	Bohemian fowls		636.537
trade	architecture	725.25	<sup>4</sup> language		491.86
	reports	381	<sup>5</sup> literature		891.86
Boarding schools	architec.	727.2	Bohemianism	customs	394
	educa.	373.2	Bohlen	lectures	239.04
Boards, <i>see also</i>	Trustees		Böhme	medieval philos.	189.5
Boards	timber	674	Boileau-Despréaux, N.		847.46
Boat			Boiler		
building		623.8	accidents	pub. helth	614.837
bridges	engineering	624.87		steam eng.	621.1947
houses	architecture	725.87	construction		621.1845
racing	ethics	175.7	economy	steam eng.	621.18413
	school hygiene	371.75	explosions	" "	621.1947
Boating	amusements	797	fuels	" "	621.1822
Boats			houses	" "	621.192
life, <i>see</i>	Life boats		inspection	pub. helth	614.837
shipbuilding		623.8		steam eng.	621.1947
wharf	architecture	725.34	management	" "	621.194
	<i>see also</i> qualifying words		plants	" "	621.19
Boccaccio, Giov.	Ital. fic.	853.15	setting	steam eng.	621.18456
Bodel, Jean	French dram.	842.13	shop	engin'g works	621.792
Bodenstedt, F; M.	Ger. lit.	831.84	Boilers		621.184
Bode's law	astronomy	523.21	insurance		368.7
Bodily strength	athletics	613.72	locomotiv		621.133
Bodleian library		027.742	portable engin		621.153
Bodmer, J; J.	Ger. poetry	831.58	traction engin		621.143
Böttcher, L.	Dan. poetry	839.8166	Boiling		
Body			cookery		641.73
and mind		130	heat		536.44
care of	hygiene	613	points	chemistry	541.36
	nursery	649.4	practical chemistry		542.48
	school hygiene	371.73	Boils	diseases	616.52
cleanness of	hygiene	613.4	Bojardo, M.	Ital. poetry	851.22
congenital defects	"	613.91	Boker, G; H.	Am. drama	812.33
development	childstudy	136.71	<sup>1</sup> Bokhara	history	958.6
	physiol.	612.6		sheep	636.385
mental influence	cures	615.851	Bolak	universal lang.	408.9
mesurements of		573.6	<sup>1</sup> Bolivia	history	984
natural and spiritual		233.5	Bollandists	mon. orders	271.5
symmetry of	art anat.	743	Bolle ram	hydraulic mach.	621.272
temperature of	physiol.	612.56	<sup>1</sup> Bollinger co. Mo.	history	977.894
training of	hygiene	613.73	<sup>1</sup> Bologna	history	945.4
weight	anthropometry	573.6		travels	914.54
Boendale, J. van	Dut. misc.	839.381			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Bolometer thermometry	536.51	Bonn conference rel. hist.	284.8
Bolshevism Rus. hist.	947.08	Bonnets costume	391.4
	sociology	toilet	646.54
Bolting pol. parties	329	Bonus	
Bolts		efficiency pol. econ.	331.225
machinery	621.882	Book	
strength of materials	620.11287	auction catalogs author	018.3
track railway engin'g	625.15	clast	017.3
Bombardon wind instr.	788.8	dict'y	019.3
Bombards ordnance	623.4211	auctions	655.56
<sup>1</sup> Bombay, India history	954.7	binding <i>see</i> Binding	
	travel	buying lib. administrat.	025.22
	915.47	cases library bildings	022.4
Bombs		private libraries	645.63
dynamite chem. tech.	662.2	catalogs author	018
military engineering	623.45112	clast	017
Bon Homme Richard	973.355	dictionary	019
Bonaparte		publishers	015
Joseph in Spain	946.06	subject	017
Napoleon consulate	944.046	clubs self-culture	374.22
	empire	collecting	025.2
	944.05	collectors biography	920.1
<sup>1</sup> Bonaventure co. Que. history	971.478	fees library economy	024.22
Bonbons cookery	641.85	furniture, special	022.93
<sup>1</sup> Bond co. Ill. history	977.387	holders lib. fittings	022.934
Bondage slavery	326	office equip.	651
Bonded warehouses arch.	725.14	illustration	
Bonding elec. engineering	621.3334	inserted plates	096
Bonds		printing	655.32
and stocks	332.6	publishing	655.53
civil trials	347.91	library	025.114
criminal law	343	lifts library econ.	022.945
finance	336.3	<b>making typography</b>	<b>655</b>
insurance of	368.8	numbers lib. admin.	025.8
municipal	332.5	of common prayer episc.	264.03
of brick work masonry	693.21	ownership rarities	097
stone " "	693.11	plates library economy	025.253
public schools	379.13	rarities	097
Bone		rarities	090
boiling air pollution	614.742	rejection lib. economy	025.217
caves prehist. archeol.	571.81	stacks library bldgs	022.43
<b>chemic composition</b>	<b>612.751</b>	thefts " abuses	024.86
engineering materials	620.199	trade business	655.5
fertilizers	631.852	history	655.4
histology	611.01841	trucks lib. economy	022.942
implements archeology	571.52	wagon " "	021.65
Bones		worm " "	025.8
descriptiv anatomy	591.79	Bookkeeping	
diseases of	616.71	accounts	657
human anatomy	611.71	agriculture	631.16
musical instruments	789.4	buttermaking	637.216
of ear anatomy	611.857	cheesemaking	637.316
paleontology	566	dairies	637.116
physiology	612.75		
skeleton of animal	591.49		
Bonghi, R. Italian essays	854.82		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Bookkeeping**  
 library 025.114  
 stockfarming 636.0816  
**Bookmarks** laborsavers 029.2  
**Books**  
 and reading, prof'ships of 028.6  
 bibliography 010  
 censorship lib. rejection 025.217  
     " restriction 024.674  
     prohibition 098  
 chained lib. econ. 025.8  
 classification of lib. econ. 025.4  
 cleaning " admin. 025.7  
 commonplace " econ. 029.4  
 condemn'd to be burnt 098  
 enemies of lib. economy 025.8  
 extra special privileges 024.71  
 guides to selection 028  
 library economy 020  
 lists of best subj. bib. 016  
 mending " admin. 025.7  
 new, for rent lib. econ. 024.78  
     library bookbuying 025.221  
 number borrowable 024.61  
 of prints 769  
 old lib. bookbuying 025.223  
 prayer 264  
 preservation of lib. econ. 025.9  
 privately printed rarities 094  
     lib. gifts 025.227  
 prohibited 098  
 propagandist lib. gifts 025.227  
 reading and aids 028  
 reference lib. admin. 025.5  
 relending by borrower 024.65  
 repairing lib. admin. 025.7  
 restricted lib. economy 024.67  
 selection of " admin. 025.21  
 selectors of " economy 025.214  
 sizes of " " 025.3  
 tariff on " " 021.861  
 weight of " " 022.438  
 withdrawal " " 025.218  
**Bookseller, library as** 021.26  
**Booksellers**  
     catalogs author 018.4  
     clast 017.4  
     dictionary 019.4  
     lives biography 920.4  
**Bookselling** publishing 655.5  
**Boomerang** weapons 399  
**Boone co.**  
     <sup>1</sup> Ill. history 977.329  
     <sup>1</sup> Ind. " 977.254  
**Boone co.**  
     <sup>1</sup> Ia. history 977.754  
     <sup>1</sup> Mo. " 977.829  
     <sup>1</sup> W. Va. " 975.439  
**Boosters** elec. eng. 621.31328  
**Bootmaking** 685  
**Boots, tight** hygiene 613.484  
**Booty** law 341.3  
**Boragineæ** botany 583.77  
**Borates** mineralogy 549.73  
**Borch, Ole** Dan. misc. 839.883  
<sup>1</sup>**Bordeaux** history 944.71  
     travels 914.471  
**Border ballads, Scottish**  
     Eng. poetry 821  
     ruffians Kan. hist. 978.1  
     U. S. " 973.66  
**Bording, Anders** Dan. poet. 839.8132  
**Bore, gun** ordnance 623.4235  
**Borecole** 635.346  
**Borer, posthole** 631.3113  
**Borers** agric. pests 632.76  
**Bores** social ethics 177  
**Borghini, V.** Ital. essays 854.43  
**Boring machinery** 621.945  
     min. eng. 622.24  
**Börjesson, J.** Swed. dram. 839.7261  
**Börk, Isak** " " 839.723  
**Borlen apparatus** dairy 637.3321  
**Born, B. de** Provenç. poet. 849.126  
**Borneill, G. de** " " 849.128  
<sup>1</sup>**Borneo** history 991.1  
     travel 919.11  
**Bornier, H. de** Fr. drama 842.85  
**Boron** inorg. chem. 546.27  
**Borough** Eng. loc. gov. 352.0422  
<sup>1</sup>**Bosnia** history 943.95  
**Bosphorus** travels 914.96  
**Boss** Amer. politics 329  
**Bosses** geology 551.88  
**Boston**  
     <sup>1</sup> Mass. history 974.46  
     travel 917.446  
     massacre Amer. revol. 973.3113  
     port bill " " 973.3116  
     schools, public 379.7446  
     siege Amer. revol. 973.3313  
     statistics 317.446  
     tea party Amer. revol. 973.3115  
     other subjects see table 1  
**Botanic**  
     chemistry 581.1  
     gardens architecture 727.5  
     botany 580.7

Botanic				Bourbourg fowls	636.544
museums	botany	580.7		Bourg fowls	636.544
Botanists	biography	925.8		Bourgeoisie	soc. classes 323.32
Botany		580		Boursa, Turkey	trav. 915.61
agricultural		630.28		Boursault, E.	Fr. drama 842.44
classification of		580.1		Bourse	stock exchange 332.6
fossil		561		Bovine vaccin.	cont. dis. 614.4731
geographic distribution		581.9		Bowen, Francis Am.	philos. 191.7
medical		615		Bowling	
of Bible		220.858		alleys	architecture 725.84
structural		581		library buildings	022.665
systematic		580		amusements	796
Botero, Giovanni It.	essays	854.48		Bowstring hemp	agric. 633.574
Botin, A. af Swed.	misc.	839.7847		Box girder bridges	624.4
Böttiger, K: V.	" poet.	839.7168		stalls	zootchny 636.0831
Bottle charts	physiography	551.47		Boxer	
Bottles, milk		637.135		ship	U. S. war of 1812 973.5253
Bottom				uprising	Chinese hist. 951
inner	shipbuilding	623.84		Boxes	
of ocean	botany	581.92		axle	railway engin'g 625.21
phys. geog.		551.46		electric motor cars	621.3347
zoology		591.92		packing	agric. 631.5644
shelbark hickory		634.523		appliances	" 631.3634
<sup>1</sup> Bouches du Rhône	Fr. hist.	944.91		plant	" 631.346
Bouchet, Guillaume	Fr. fic.	843.35		resistance	621.3742
Boulders	drift	551.33		transport	agric. 631.3731
Boulonnais draft horse		636.1543		Boxing	athletics 796
Boundaries				Boy problem	childstudy 136.77
law		347.2		scouts	societies 369.43
national	foren relations	327		Boycotting	labor strikes 331.893
internat. law		341		Boye, C. J.	Dan. drama 839.8201
political sci.		320.128		Boyle lectures	apologetics 239.02
Boundary				Boys	
Mexican	U. S. history	973.621		childstudy	136.77
Northeast	" "	973.58		dept	Y. M. C. A. 267.357
N. W. Oreg.	U. S. history	973.611		religious societies	267.7
San Juan	" "	973.82		societies	sociology 369.42
Texas	" "	973.621		Brabant fowls	636.548
Venezuela	" "	973.87		Bracciolini, F.	Ital. satire 857.52
Bounties	army	355.22		Bracelets	jewelry 391.7
protection		337.4		Braces	boiler engin'g 621.18452
U. S. army		353.6		carpentry	694.3
civil war		973.7413		railway track	625.15
wage scales		331.225		Brackel fowls	636.548
"Bounty"	mutiny, 1789			Brachial	
Pitcairn's island		997		artery	anatomy 611.1342
Bouquet's exped.	U.S. hist.	973.27		plexus	" 611.8334
Bourbon turkey		636.5928		Brachialis muscle	" 611.73723
<sup>1</sup> Bourbonnais, France	hist.	944.57		Brachiopoda	paleontology 564.8
Bourbons				zoology	594.8
French	history	944.03		Brachvogel, A. E.	832.83
restoration		944.06		Brachygraphy	shorthand 653
Spain	history	946.054		Bracing	engineering 624.3
restoration		946.07		Brackenridge, H.H:	813.21

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Braddock's defeat U.S.hist. 973.26  
<sup>1</sup>Bradford co. Pa. history 974.857  
 Bradstreet, Anne Am.poet. 811.12  
 Brahe, Tyge Dan. misc. 839.883  
 Brahma fowls 636.5852  
 Brahmanism 294  
 Brahmans biografy 922.94  
 Brahmaputra fowls 636.5852  
 Brahmin sacred cattle 636.291  
 Brahmo Somaj Ind. relig. 299.11  
 Braiding elem. educat. 372.55  
 Braidism 134  
 Braille system printing 655.38  
 Brain  
   anatomy 611.81  
   functional diseases of 616.84  
   mental derangements 132  
     physiology 131  
   morfology 612.823  
   physiology 612.82  
   structural diseases of 616.83  
   weight physiology 612.823  
 Braising cookery 641.72  
 Brakes  
   electric motor cars 621.3347  
   gun mounts 623.4356  
   railroad engineering 625.25  
   shaft power transmis. 621.826  
 Braking  
   electric motor cars 621.3347  
   gun mounts 623.573  
 Bramble fruits 634.71  
 Branch  
   <sup>1</sup> co. Mich. history 977.421  
   cuttings 631.5354  
   libraries library bldgs 022.15  
     " extens. 021.62  
 Branchial respiration zool. 591.125  
<sup>1</sup>Brandenburg, Ger. history 943.15  
   travels 914.315  
 Brandes, Georg Dan. essays 839.8466  
 Branding zootechny 636.0812  
 Brandt, Geraert Dut. poet. 839.3136  
 Brandt's hydraulic gun 621.269  
 Brandy  
   hygiene 613.81  
   manufacture 663.5  
   physiologic psychology 612.82144  
   physiology 612.3931  
   stimulant 615.711  
   temperance 178  
 Brandywine, battle 973.3336  
 Brant  
   Joseph Amer. revol. 973.3345  
   Sebastian German satire 837.32  
   <sup>1</sup>Brant co. Ont. history 971.347  
   <sup>1</sup>Brantford, Ont. " 971.348  
 Brass instruments music 788  
   manufacture 673  
 Brasses, monumental  
   ecclesiology 247.3  
   sculpture 739  
 Braun, V.A.D. von Swed.sat. 839.7764  
 Bravery ethics 179.6  
<sup>1</sup>Braxton co. W. Va. hist. 975.466  
 Brazil administration 354.81  
   botany 581.981  
   finance 336.81  
   geology 558.1  
   <sup>1</sup> history 981  
   maps 912.81  
   schools, public 379.81  
   statistics 318.1  
   travel 918.1  
   treaties 341.281  
   tea 633.77  
   other topics see table 1  
 Brazing plumbing 696.1  
 Breach of promis law 347.6  
 Breaches  
   defense of mil. eng. 623.35  
   of disciplin mil. sci. 355.13  
   honor " " 355.13  
 Breaching " eng. 623.25  
 Bread, *see* Bred  
 Breakbone fever diseases 616.921  
 Breaker, middle 631.3126  
   clod 631.3143  
 Breakers  
   circuit elec. engin'g 621.31736  
 Breakfast, *see* Brekfast  
 Breaking  
   plow 631.3125  
   up, school 371.23  
   zootechny 636.0886  
 Breakwaters harbor eng. 627.2  
 Breast, *see* Brest  
 Breathing animals 591.12  
   man 612.2  
 Breathings Greek lang. 481.2  
<sup>1</sup>Brecknock, Wales history 942.96  
 Bred  
   adulterations 614.312  
   and-cheese war, 1491 Neth. 949.202  
   as food physiology 612.39274  
   cookery 641.6  
   fruit 634.39  
 Breda fowls, Belgian 636.548  
 Bredero, G.A. Dutch dram. 839.3231

Bredstuffs production	338.1	Breweries architecture	725.42
Bredwinning courses educ.	375.0071	Brewing air pollution	614.731
Breech mechanism ord.	623.424	chemic tech.	663.3
Breeching tackle ord.	623.4362	Briar creek Amer. revol.	973.3357
Breechloading		Bribery criminal law	343
guns ordnance	623.4222	electoral fraud	324.271
small arms manufact.	683	legislativ abuses	328.367
mil. efficiency	623.442	Bricabrac	739
Breeding		Brick	
domestic animals	636.0824	and hollow tile floors arch.	721.63
feeding for zootechny	636.08451	iron ceilings "	721.73
plant	631.522	structures "	721.97
raising for zootechny	636.0881	bilding material	691.4
zoology	591.56	bildings, library	022.21
Breeds domestic animals	636.08211	city houses, detach	728.38
Brehon laws Irish law	349.415	party-wall	728.32
Brekfast cookery	641.52	city houses. semidetacht	728.35
foods	641.3	clays economic geol.	553.61
meals	642.1	construction masonry	693.2
<sup>1</sup> Bremen, Germany hist.	943.52	manufacture	666.7
travel	914.352	pavement	625.82
Bremer		piers	721.34
Fredrika Swed. fiction	839.7363	road engineering	625.82
<sup>1</sup> Bremer co. Ia. history	977.734	strength of materials	620.14
magnetite arcs	621.3256	sun-dried masonry	693.22
Brentano, C. Ger. fiction	833.72	village houses architect.	728.63
Bresciani, A. Ital. fiction	853.75	vitrified pavements	625.87
<sup>1</sup> Breslau history	943.14	walls architecture	721.24
travel	914.314	work, bonds of masonry	693.21
Bressane swine	636.447	works architecture	725.48
Bresse fowls	636.544	Bridal customs	392.5
Brest		<b>Bridge bilding</b>	624
anatomy	611.69	duplex telegrafy	621.382325
bone anatomy	611.713	grafting agric.	632.8
diseases of women	618.19	material mil. eng.	623.66
wheels engineering	621.223	Wheatstone engin'g	621.3742
hydraulics	532.84	physics	537.7
Bretagne, <i>see</i> Breton		Bridges administration	351.815
Brethren, United sects	284.6	agriculture	631.28
Bretón de los Herreros, M.		<b>engineering</b>	624
Spanish drama	862.53	local government	352.7
Breton cattle	636.2441	<b>military eng.</b>	623.65
draft horse	636.1544	<sup>1</sup> Bridgeton, N. J. hist.	974.995
language	491.68	Bridgewater treatises	215
literature	891.68	Bridging telephone lines	621.38523
sheep	636.3448	Brie cheese	637.3584
swine	636.443	Brief longhand abbrevia.	653.2
Breves spinae anatomy	611.7317	Brigandage crim. law	343
Breviaries Greek church	264.019	Brigands law	343
Roman cath.	264.02	lives	923.41
Brewd		<sup>1</sup> Brighton, Eng. history	942.25
beverages adulterations	614.343	travel	914.225
chemic tech.	663.3	Bright's disease of kidneys	616.61

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Brine system refriger. 621.5651  
 Brink, R. C. B. van den 839.3452  
 Bristle tails  
   insects 595.71  
   pests agriculture 632.71  
     dom. econ. 648.7  
 Bristoe campaign 973.7353  
 Bristol  
   co. England history 942.41  
   <sup>1</sup> Mass. " 974.48  
   <sup>1</sup> R. I. " 974.55  
 Briticisms philology 427  
 British  
   <sup>1</sup> America history 971  
     army 354.426  
     barrows prehist. arch. 571.92  
   <sup>1</sup> Burma history 959.1  
     travels 915.91  
     colonies polit. sci. 325  
   <sup>1</sup> Columbia history 971.1  
     constitution 342.42  
   <sup>1</sup> East Africa history 967.6  
   <sup>1</sup> empire history 942  
     Guiana boundary  
       U.S. hist. 973.87  
     <sup>1</sup> history 988  
     travel 918.8  
   <sup>1</sup> Honduras history 972.82  
   <sup>1</sup> India history 954  
     travel 915.4  
     merinos 636.3672  
     museum library 027.542  
     navy 354.427  
     N. America act Can. hist. 971.049  
     philosophers 192  
     régime Canada history 971  
     statutes 346  
 Britons history 942  
<sup>1</sup>Brittany, France history 944.1  
 Broad bean 635.651  
   church Anglican ch. 283  
   ligament anat. 611.6672  
 Broadcast sowers 631.3311  
 Broadships lib. admin. 025.174  
 Broadtailed sheep African 636.386  
   Asiatic 636.385  
   European 636.373  
   Italian 636.35  
 Broca's  
   area anatomy 611.8133  
   convolutions " 611.81311  
 Broccoli 635.356  
 Brochmand, J. Dan. misc. 839.883  
 Brockes, B. H.; Ger. poet. 831.57  
 Broiling cookery 641.76  
 Brokerage law 347.7  
<sup>1</sup>Brome co. Que. history 971.464  
 Bromelia fibers 633.575  
 Bromeliaceæ botany 584.22  
 Bromids hypnotics 615.782  
 Bromin  
   compounds mineralogy 549.4  
   inorganic chemistry 546.14  
 Bronchi anatomy 611.233  
   physiology 612.2151  
 Bronchial arteries anat. 611.1355  
 Bronchitis diseases 616.23  
 Bronco 636.168  
 Brontë, C. Eng. fiction 823.81  
<sup>1</sup>Bronx co. N. Y. history 974.7275  
 Bronze  
   age prehist. archeology 571.3  
   fine arts 739  
   manufactures 673  
   remains prehist. arch. 571.34  
 Bronze turkey 636.5922  
 Brooders 636.508337  
 Brook Farm socialism 335.97  
<sup>1</sup>Brooke co. W. Va. hist. 975.413  
<sup>1</sup>Brooklyn, N. Y. history 974.723  
   travels 917.4723  
 Brooks assault on Sumner 973.7114  
 Broom corn 633.175  
   root 633.59  
<sup>1</sup>Broome co. N. Y. history 974.775  
 Brooms domestic econ. 648.52  
 Bronson, H. A. Dan. poet. 839.8144  
 Brothels ethics 176.5  
 Brotherhoods monks 271  
   parish work 255  
 Brothers, Christian monks 271.78  
 Brougham, H.; Eng. essays 824.74  
 Brown, C. B. Am. fiction 813.23  
   Thomas Eng. humor 827.46  
 Brown  
   <sup>1</sup> co. Ill. history 977.347  
     travels 917.7347  
   <sup>1</sup> Ind. history 977.225  
   <sup>1</sup> O. history 977.1796  
   <sup>1</sup> Wis. history 977.561  
     coal economic geology 553.22  
     Swiss cattle 636.2371  
 Browne, C. F. (Artemus Ward)  
   Amer. humor 817.37  
 Brownian motion  
   molecular physics 539.6  
 Brownies folklore 398.4

Browning, E. B. Eng. poet.	821.82	Buchholtz, A. H. Ger. fic.	833.51
Robert " "	821.83	Buck sithe	631.3117
Brownists sects	285.8	Bucket conveyers mech.eng.	621.8676
Brown's, John, raid		Buckets	
causes of U. S. civ. war	973.7116	mining engineering	622.68
history of slavery	326.973	steam turbin construc.	621.16532
U. S. history	973.68	theory	621.16512
Virginia "	975.5	Buckeye fowls	636.5815
Brownson, O. A. Am. phil.	191.2	<sup>1</sup> Buckingham, Eng. hist.	942.57
Browntail moth	632.78	<sup>1</sup> Bucks co. Pa. history	974.821
<sup>1</sup> Bruce co. Ont. history	971.321	Bucks co. fowls	636.5813
Brueys, D: A. de Fr. dram.	842.46	Buckshot war Penn. hist.	974.8
Bruges fowls	636.548	Buckwheat	633.12
Brumaire French history	944.045	<sup>5</sup> Bucolic poetry Eng. lit.	821.06
Bruniaceæ botany	583.396	Bud grafting	631.5415
Brünner's glands anat.	611.342	<sup>1</sup> Buda Pesth history	943.91
Brunswick		Buddhism	294
<sup>1</sup> Germany history	943.54	Buddhist architecture	722.4
house of Eng. history	942.08	cookery	641.567
pigeons	636.59633	Buddhists biografy	922.94
Brusa, Turkey trav.	915.61	Budding	631.5415
Brush fibers	633.59	knife	631.341
<sup>1</sup> Brussels history	949.3	Budgell, E. Eng. essays	824.54
travel	914.93	Budget financ. adminis.	351.72
sprouts	635.36	public finance	336
Brutes, immortality of	591.51	Buds, nipping off pruning	631.54222
Bruun, J. N. Dan. drama	839.8252	Buena Vista	
M. K. " poetry	839.8158	battle Mex. war	973.6235
T. K. " satire	839.8753	<sup>1</sup> co. Ia. history	977.718
Bryant, W: C. Am. poetry	811.33	<sup>1</sup> Buenos Ayres history	982
Bryology botany	588.2	travels	918.2
Bryophyta botany	588	Buff turkey	636.5924
Bryozoa molluscoidea	594.7	Buffalo,	
Bubble		<sup>1</sup> city N. Y. history	974.797
Mississippi Fr. finance	336.44	Panamer. expos.	606
South sea stocks "	332.6	travels	917.4797
Bubonic plague pub. helth	614.49	<sup>1</sup> co. Wis. history	977.548
Buccal		Buffalo zoology	599.7
cavity anatomy	611.31	American cattle	636.2921
physiol.	612.31	berry	634.742
of speech	612.7891	currant	634.724
muscles anat.	611.7326	milk cheese	637.3554
pharynx "	611.3272	water cattle	636.293
tonsil "	611.325	Buffers railroad engin'g	625.25
Buccaneers adventures	910.4	Buffet cars trav. cookery	641.576
biografy	923.41	Buffets fixt furniture	729.94
law	343	Bugle, key wind instru.	788.46
Buccinator muscle anat.	611.7326	valv " "	788.47
Buchan humblies cattle	636.2231	Bugs rhynchota	595.75
Buchanan, J. presidency of	973.68	Büheler, H. Ger. poetry	831.34
<sup>1</sup> Buchanan co. Ia. history	977.738	Buhlwork	749
<sup>1</sup> Mo. "	977.813	Building, <i>see</i> Bilding	
<sup>1</sup> Bucharest history	949.8	Built-up guns ordnance	623.4216
travel	914.98	<sup>1</sup> Bukowina history	943.75

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Bul**  
    **fights amusements** 791  
      **ethics** 175.6  
 — **Golden Germany** 342.43  
    **tung plow** 631.3127  
**Bulbels** 631.5321  
**Bulblet** 631.5321  
**Bulbo-urethral glands** anat. 611.627  
**Bulbs**  **edible** 635.2  
    **floriculture** 716.1  
    **horticulture** 631.5321  
**Bulbules** " 631.5321  
**Bulbus olfactorius** anat. 611.8133  
    **vestibuli** " 611.675  
<sup>1</sup>**Bulgaria**  **history** 949.7  
    **language** 491.81  
**Bulkheds** shipblding 623.84  
**Bull, see also Bul**  
**Bull Run**  
    **1st battle** U. S. hist. 973.7314  
    **2d " " "** 973.7328  
**Bulletin boards** lib. econ. 022.924  
**Bulletins** lib. publications 025.125  
**Bullets**  **ordnance** 623.451  
    **small arms** 623.455  
**Bullion**  **coins and coinage** 332.4  
**Bullock's hart** 634.415  
**Bulls, see also Buls**  
**Bull's Ferry, N.Y.** Am. revol. 973.3365  
**Bullying**  **student life** 371.82  
**Buls and bears**  **stock ex.** 332.6  
    **Irish Eng. humor** 827  
    **papal eccles. polity** 262.8  
    **Rom. ch.** 282  
**Bulwer, E. G.**  **Eng. fiction** 823.84  
**Bumping posts**  **railrd eng.** 625.16  
**Bunchers**  **crop packing** 631.3643  
**Bundener swine** 636.449  
**Bundesrat**  **Ger. empire** 354.4304  
**Bundestaat**  **pol. sci.** 321.021  
**Bundlers**  **agriculture** 631.3641  
**Bundling**  **customs** 392.4  
**Bunker hill**  
    **battle**  **Amer. revol.** 973.3312  
    **monument** " " 973.366  
      **landscape arch.** 718  
**Bunsen burners**  **prac. chem** 542.44  
    **pump pneumatics** 533.5  
**Bunyan, John**  **Eng. fiction** 823.42  
**Buonarroti, M.**  **Ital. dram.** 852.51  
**Buoys**  **harbor engin'g** 627.9  
    **protection of life** 614.865  
    **ship equipment** 623.86  
**Bur clover**  **forage** 633.31  
**Burchiello, D.**  **Ital. satire** 857.21  
**Burdach's tract**  **anat.** 611.8261  
**Burdette, R. J.**  **Am. hum.** 817.43  
<sup>1</sup>**Bureau co. Ill.**  **history** 977.337  
**Bureaucracy**  **administra.** 351.1  
**Bureaus**  
    **architecture** 725.13  
    **cabinet making** 684  
    **college employment** 378.364  
    **servants** " 647.2  
    **teachers** " 371.145  
    **Y M C A employment** 267.3562  
**Burets**  **practical chem.** 542.35  
**Bürger, G. A.**  **Ger. poetry** 831.63  
**Bürgerher schools, German** 379.43  
**Burglar alarms**  **signals** 654.7  
**Burglary**  **criminal law** 343  
**Burgoynes**  
    **campain**  **Am. rev.** 973.3332  
    **surrender** " 973.3333  
<sup>1</sup>**Burgundy, France**  **history** 944.4  
**Burial**  
    **cemeteries** 719  
    **church rituals** 265.8  
    **customs** 393.1  
    **public helth** 614.61  
    **societies**  **cooperation** 334.8  
**Buriat fat rumpt sheep** 636.385  
**Burke, E.**  **Eng. oratory** 825.62  
**Burking**  **criminal law** 343  
<sup>5</sup>**Burlesque**  **Eng. litera.** 827  
<sup>1</sup>**Burlington, Ia.**  **hist.** 977.7961  
    **co. N. J.** " 974.961  
<sup>1</sup>**Burma**  **history** 959.2  
    **British** " 959.1  
**Burmanniaceæ**  **botany** 584.13  
**Burmese architecture** 722.4  
**Burners for liquid fuel**  
    **steam engineering** 621.18357  
**Burnett, F. H.**  **Am. fiction** 813.48  
    **co. Wis.**  **history** 977.514  
**Burney, Frances**  **Eng. fic.** 823.66  
**Burning**  
    **glass optics** 535.81  
    **of libraries** 022.26  
    **the ded**  **customs** 393.2  
    **turf fertilizers** 631.831  
**Burnings**  **customs of war** 399  
    **student life** 371.89  
**Burns, R.**  **Eng. poetry** 821.67  
**Burns and scalds**  **surgery** 617.11  
**Burnside exped.**  **U.S. hist.** 973.7324  
**Burnz shorthand** 653.64

Burr, Aaron, conspiracy trials	343.1	Bylaws lib. government	023.1
U. S. hist.	973.48	Byles, Mather Am. satire	817.13
Burro	636.182	Byron, G:G. N. Eng. poet.	821.76
Burroughs, J: Am. essays	814.41	Byssaceæ botany	589.19
Bursæ anatomy	611.75	Byzantine	
diseases of	616.76	architecture	723.2
Burseraceæ botany	583.247	art	709.495
Burying grounds cemetery	719	ecclesiology	246.1
pub. helth	614.65	<sup>1</sup> empire history	949.5
Bush			
fruits	634.7		
harrow	631.3131		
squash	635.621		
Business			
arithmetics	511.8		
bildings architecture	725.2		
capacity college train'g	378.01		
colleges	650.7		
commerce sociology	380		
cooperation	334		
ethics	174		
law	347.7		
management	658		
manuals	658		
methods	658		
schools	650.7		
vices	174.4		
<sup>1</sup> Busra history	956.7		
Butchershops	641.4		
<sup>1</sup> Bute, Scotland history	941.39		
Butjading sheep	636.3314		
Butter	637.2		
Samuel Eng. humor	827.42		
<sup>1</sup> Butler co. Ia. history	977.729		
<sup>1</sup> Mo. "	977.893		
<sup>1</sup> O. "	977.175		
<sup>1</sup> Pa. "	974.891		
Butlers dom. econ.	647.25		
pantry " "	643.45		
<sup>1</sup> Butte co. Cal. hist.	979.432		
Butter	637.2		
adulterations	614.325		
artificial chem. tech.	664.3		
as food physiology	612.39286		
in milk physiology	612.66413		
Butterflies fossils	565.78		
pests	632.78		
zoology	595.78		
Butterin	637.282		
Buttermaking	637.233		
Buttermilk adulterations	614.324		
dairy	637.247		
Buttons manufactures	679		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Cabal, Conway	Am. revol.	973.349	Caesar	Latin literature	878.1
<b>Cabalistic art</b>		133	Caesarian section	obstetrics	618.86
Cabbage		635.34	Caesars	lives	923.137
<sup>1</sup> Cabell co. W. Va.	history	975.442		<b>Roman history</b>	937
Cabin			Caesium	inorg. chem.	546.36
aviation		629.182	Cafés	architecture	725.71
ballooning		629.162		cooking for	641.572
furnishings	shipbuilding	623.86		<b>table systems</b>	642.5
Cabinet			Cafeteria	"	642.57
council, English		354.4205	Caffein	diuretics	615.761
offisers in legis. bodies		328.3321		hygiene	613.83
U. S. gov't		353.05	Caffres	history	968.6
organ	musical instrum.	786.9	Cage birds	domestic pets	636.686
work	joinery	694.7	Cages	mining eng.	622.68
Cabinetmaking		684	Cailletet apparatus	chem.	542.79
Cabinets	museum equip.	579.71	Cairns	prehist. archeology	571.96
Cable roads	city transit	388	<sup>1</sup> Cairo, Egypt	history	962.1
	road eng'ng	625.5		travels	916.21
Cablelaying ships		623.828	<sup>1</sup>	Ill. history	977.3999
Cables			Caisson		
bridgeblding		624.55	disease	physiology	612.274
electric engineering		621.31934	ordnance		623.4314
manufactures		677	process	bridge engin'g	624.157
ship outfit		623.86	workers	hygiene	613.66
strength of materials		620.11288	<sup>1</sup> Caithness, Scotland	hist.	941.13
submarine	communica.	654.5	Cake	cookery	641.6
	engineering	621.3828	<sup>1</sup> Calabria, Italy	hist.	945.78
telephone		621.38783		trav.	914.578
telegraf	business	654	<sup>1</sup> Calais	history	944.27
	engineering	621.3828		travels	914.427
	sociology	384	Calamus scriptorius	anat.	611.8185
Cabot, John & Sebastian			<sup>1</sup> Calaveras co. Cal.	hist.	979.444
discovery of America		973.17	Calcaneoastragaloid lig.	anat.	611.72851
Cabs	city transit	388	Calcaneocuboid	" "	611.72853
	manufactures	684	Calcaneonavicular	" "	611.72851
<sup>1</sup> Cabul, Afghanistan	hist.	958.1	Calcaneoscaphoid	" "	611.72851
	trav.	915.81	Calcaneum	" "	611.71873
Cacao		633.74	Calcarin fissure	" "	611.81317
Cachet, lettres de	Fr. hist.	944.03	Calcic waters	econ. geol.	553.75
Cactaceous fruits		634.775	Calcimining		698.2
Cactææ	botany	583.471	Calcium		
Cadalso, J. de	Span. poetry	861.42	cyanamid	fertilizers	631.8421
Cadastration	taxation	336.22	inorganic	chemistry	546.41
Caddis flies	pests	632.74	light	chemic tech.	665.7
	zoology	595.74	salts as food	physiol.	612.39263
Cadets	military schools	355.07	Calculating machines		510.8
<sup>1</sup> Cadiz	history	946.8	Calculations	engin'g	620.8
	travels	914.68	Calculators	mathematics	510.8
Cadmium			Calculi		
accumulators	elec. eng.	621.35558	biliary	physiology	612.35764
inorganic chem.		546.48	salivary	"	612.31364
Cædmon	Ang. Sax. poet.	829.2	urinary	"	612.4661
<sup>1</sup> Caen	history	944.22	Calculus		
	travels	914.422	diseases		616.62

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Calculus				Callosum	anatomy	611.8139	
<b>mathematics</b>		<b>517</b>		Calmucks	history	950	
of direction	anal. geom.	516.8		Caloric	engins	621.41	
<sup>1</sup> Calcutta	history	954.1			<b>physics</b>	<b>536</b>	
	travels	915.41		Calorimeter	"	536.6	
Calderon de la Barca, P.		862.35		Calorimetry			
<sup>1</sup> Caldwell co. Mo.	history	977.8185		<b>direct</b>	<b>physiology</b>	<b>612.511</b>	
<sup>1</sup> Caledonia	history	941		<b>indirect</b>	"	<b>612.512</b>	
<sup>1</sup>	co. Vt "	974.33		physics		536.6	
<b>Calendar</b>		<b>529</b>		Calotype	photografy	772	
ecclesiastic, Anglic.		264.031		Calpurnius Siculus, Lat. poet.		874.6	
Calendars for teachers		370.59		Calsomining		698.2	
Calendering	paper manuf.	676		<sup>1</sup> Calumet co. Wis.	history	977.566	
	textil fabrics	677		<sup>1</sup> Calvados, France	"	944.22	
Calf-tung plow		631.3127		Calvaria	anatomy	611.7141	
Calhoun, J. C.	Am. orat.	815.26		<sup>1</sup> Calvert co. Md.	history	975.244	
Calhoun				Calvinism	sects	284.2	
<sup>1</sup> co. Ill.	history	977.385			vs free will theol.	234	
	travels	917.7385		Calvinistic	baptist church	286.1	
<sup>1</sup>	Ia.	history	977.743	confession		238.4	
<sup>1</sup>	Mich.	"	977.422	methodist ch.		287.2	
<sup>1</sup>	W. Va.	"	975.429	<b>Calvinists</b>	<b>biografy</b>	<b>922.4</b>	
Calibrated				Calycanthaceæ	botany	583.113	
vessels	prac. chem.	542.35		Calyceræ	"	583.546	
Calibration	elec. instrum.	621.372		<b>Calycineæ</b>	"	<b>584.4</b>	
	instrum. mak'g	681		Calycosoa	zoology	593.74	
Calico	manufactures	677		Cambistry	metrology	389	
	printing chem. tech.	667.3			money	332.45	
California				<sup>1</sup> Cambodia	history	959.6	
black currants		634.7233		Cambodian	architecture	722.4	
<sup>1</sup> Lower	hist.	972.2		<sup>1</sup> Cambria, Wales	history	942.9	
California, U. S.				<sup>1</sup>	co. Pa.	"	
acquisition	Mex. war	973.621				974.877	
admission	U. S. hist.	973.64		Cambrian age	geology	551.72	
Fremont in	Mex. war	973.6232		<sup>1</sup> Cambridge, Eng.	history	942.59	
<sup>1</sup> <b>history</b>		<b>979.4</b>			travels	914.259	
mil. hist.	U. S. civ. war	973.7494			univer.	378.42	
	Spanish war	973.89494		<sup>1</sup>	Mass.	history	
						travels	917.444
<b>travels</b>		<b>917.94</b>		confession		238.5	
Califs	Mohammedanism	297		platform		238.5	
Caligrafs	writing mach.	652		turkey	agriculture	636.5922	
Caligrafy	writing	652		Camden			
Calisthenics	hygiene	613.71		Ark. exped.	U. S. civ. war	973.7363	
	sch. hygiene	371.732		<sup>1</sup> city, N. J.	hist.	974.988	
Calling fibers		633.59		<sup>1</sup> co. Mo.	"	977.854	
Calkt joints	plumbing	696.6		<sup>1</sup>	N. J.	"	
Call apparatus, in	telephone	621.3867				974.987	
out	"	621.3868		S. C. battle	Am. revol.	973.3363	
<sup>1</sup> Callaway co. Mo.	history	977.8335		Camel	domestic animals	636.295	
Callimachus	Gk lyr. poetry	884.8			zoology	599.7	
Callosal gyre	anatomy	611.81314		Camels hair	dom. econ.	646.13	
Callosomarginal fissure	"	611.81314		Camembert	cheese	637.3534	
				Cameos		736	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Camera** fotografy 771  
     *lucida* microscopy 578.4  
         optics 535.86  
     *obscura* " 535.86  
         fotografy 771  
**Cameralistic science** 336  
<sup>1</sup>**Cameron co. Pa.** history 974.866  
**Cameronians** sects 285.5  
**Camfor** therapeutics 615.789  
**Camisards** sects 284.244  
**Camoufflets** mil. eng. 623.45435  
**Camp** cookery 641.578  
     disinfection cont. dis. 614.48  
     life hygiene 613.67  
         mil. science 355.12  
     lunches dom. econ. 642.3  
     meetings 269  
<sup>1</sup>**Campagna, Italy** history 945.6  
     travel 914.56  
**Campaigns**  
     political 329  
     U. S. history civil war 973.73  
         Mex. " 973.623  
         revolution 973.33  
         Span. war 973.892  
         war 1812 973.523  
**Campanales** botany 583.57  
**Campania** anc. history 937.7  
<sup>1</sup> mod. " 945.72  
**Campanulaceæ** botany 583.59  
**Campbellism** sects 286.6  
**Campbellites** biografy 922.6  
<sup>1</sup>**Campeche, Mexico** hist. 972.6  
**Campenes** poultry 636.548  
**Campenon, F. N.; V.** 841.66  
**Campfire girls** societies 369.47  
**Camphor** therapeutics 615.789  
**Camping** out 796  
**Cams** mech. engineering 621.838  
**Can system** icemaking 621.581  
**Canada** administration 354.71  
     botany 581.971  
     finance 336.71  
     geology 557.1  
<sup>1</sup> history 971  
     literature, see  
         810 note and  
         and 820 note  
     maps 912.71  
     schools, public 379.71  
     statistics 317.1  
     travels 917.1  
     campaign Amer. revol. 973.3315  
         U. S. war 1812 973.5233  
**Canada**  
     crookneck squash 635.622  
     discovery of America 973.18  
<sup>1</sup> East history 971.4  
     travels 917.14  
<sup>1</sup> West history 971.3  
     travels 917.13  
     other topics see table 1  
**Canadian** blueberry 634.735  
     exped. Am. rev. 973.3315  
     French 447.9  
     goose 636.59881  
**Canaille** 633.871  
**Canal boats** shipbuilding 623.829  
**Canaliculi, bile** anatomy 611.361  
**Canals**  
     drainage 631.62  
     engineering 626  
     interoceanic engin'g 626.9  
     irrigation 631.72  
     transit sociology 386  
     transportation 656  
     see also special names  
**Canary birds** care of 636.686  
     zoology 598.8  
<sup>1</sup> iles history 946.8  
**Cancer** diseases 616.994  
**Cancioneros, Los Sp.** poet. 861.25  
**Cand food** pub. helth 614.318  
<sup>1</sup>**Candahar** history 958.2  
     travels 915.82  
**Candidacy** suffrage 324.23  
**Candidates** " 324.23  
**Candlepower** elec. lighting 621.321  
**Candles** chemic tech. 665.1  
     dom. lighting 644.311  
**Candlesticks** dom. econ. 644.321  
**Candor** ethics 177.3  
**Candy** adulterations 614.311  
**Candymaking** 641.85  
**Cane fruits** 634.71  
     harvesters 631.3566  
     sugar agriculture 633.61  
         botany 584.9  
**Canellaceæ** " 583.137  
**Caney, El** battle 973.893  
**Canister** ordnance 623.45122  
**Cannabis** agriculture 633.53  
**Canned food** pub. helth 614.318  
**Cannel coal** econ. geol. 553.23  
**Cannibalism** war customs 399

Canning			
fruits and veg.	chem.tech.	664.8	
meats and fish	" "	664.9	
Cannon	mil. engineering	623.4212	
Canoes	boatblding	623.829	
	canoeing	797	
Canon			
law		348	
music		781.5	
of scripture		220.1	
Canonization	dogma	235	
Canons, apostol.	eccles. pol.	262.6	
	church	262.6	
Cañons	rivers	551.48	
	of Colorado river	descr. 917.91	
Canopy windows	arch. dec.	729.83	
Cans, milk		637.135	
Cant	ethics	179.8	
<sup>1</sup> Cantal, France	history	944.59	
Cantaloup		635.611	
Cantata	dramatic music	782.8	
	sacred	" 783.4	
Canterbury convocation		283.42	
Cantharides	animal pois.	615.94	
Canthi	anatomy	611.847	
Canticles	Bible	223.9	
Cantilever bridges		624.35	
<sup>1</sup> Canton, China	history	951.2	
	travels	915.12	
<sup>1</sup>	O. history	977.1621	
Cantù, C.	Italian fiction	853.76	
Canvas roofing	blding	695.8	
Canvass	lib. propaganda	021.71	
Canvassing	bookselling	655.57	
Canyons, <i>see</i>	Cañons		
Caoutchouc	org. chem.	547.24	
	rubber manuf.	678	
Cap and gown	acad. cpst.	378.29	
Capacelli Albergati, F.		852.63	
Capacity			
for knowing	psych.	151	
ship design		623.81	
suffrage qualifications		324.14	
<sup>1</sup> Cape Breton co. N. S.	hist.	971.695	
<sup>1</sup>	island	" 971.69	
<sup>1</sup>	travels	917.169	
<sup>1</sup>	Colony, Africa	hist. 968.7	
<sup>1</sup>	Girardeau co. Mo.	" 977.896	
<sup>1</sup>	May co. N. J.	" 974.998	
<sup>1</sup>	of Good Hope	" 968.7	
<sup>1</sup>	Verde ilands	" 997	
	trav.	919.7	
swine		636.486	
Capet, Hugh	Fr. history	944.021	
	house of " "	944.02	
Capillaries			
bile	anatomy	611.361	
blood	"	611.15	
	pressure in	physiol. 612.145	
lymph	anatomy	611.42	
Capillary			
analysis	chemistry	544.92	
attraction in plants		581.11	
	of liquids	532.6	
circulation	physiology	612.135	
moisture	agric.	631.432	
Capital and labor		331	
	punishment law	343.2	
Capitalists	biografy	923.3	
<sup>3</sup> Capitalization	Eng. lang.	421.9	
	securities	332.6	
Capitation tax		336.23	
Capitatum, os	anatomy	611.71777	
Capitols	architecture	725.11	
Capon	poultry	636.513	
<sup>1</sup>	Springs, W. Va.	hist. 975.495	
Caporali, C.	Italian satire	857.43	
Cappadocia	ancient hist.	939.34	
Capparidæ	botany	583.131	
Capponi, G.	Ital. essays	854.75	
Caprification	secretions	591.145	
Caprifoliaceæ	botany	583.51	
Caps			
indoor	hedgear toilet	646.48	
outdoor	" "	646.5	
percussion	chem. tech.	662.4	
Capstans	mech. engin'g	621.864	
Capular extract			
physiol. effect		612.458	
Capsule of lens	eye dis.	617.74	
	spleen anat.	611.418	
Capsules, suprarenal	anat.	611.45	
	physiol.	612.45	
Captivs	internat. law	341.3	
	war customs	399	
Captivities, indian		970.3	
Captivity	military life	355.11	
	pris. disciplin	365	
Capture of animals	zoot.	636.08111	
Captures	internat. law	341.3	
Capuana, Luigi	Ital. fiction	853.83	
Capuchins	religious hist.	271.36	
Caput gallinaginis	anat.	611.6231	
Car			
factories	architecture	725.45	
houses, R. R.	"	725.33	
wiring	elec. traction	621.3345	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Car, see also Cars
- Carabao 636.293
- Caraunda 634.744
- Caravans transportation 656
- Caravels shipbuilding 623.8225
- Caraway horticulture 635.75
- Carbid arcs elec. lighting 621.3256
- Carbines manufacture 683
- mil. efficiency 623.442
- Carbohydrates
- chemistry of food 641.13
- in blood **physiol.** 612.122
- muscle " 612.74411
- nutrition " 612.396
- quantity in food and tissue 612.3967
- Carbolic acid
- disinfectants cont. dis. 614.485
- materia medica 615.313
- Carbon
- compounds air pollution 614.721
- mat. med. 615.31
- organ. chem. 547
- <sup>1</sup> co. Pa. history 974.826
- filaments elec. lighting 621.3263
- group inorganic chem. 546.25
- in food **physiol.** 612.3921
- inorganic chemistry 546.26
- metabolism phys. chem. 612.01532
- process photography 773
- series economic geol. 553.2
- vapor lamps elec. light 621.3275
- Carbonari secret societies 366
- Carbonated waters hyg. 613.38
- Carbonates mineralogy 549.78
- Carbonic
- acid air pollution 614.722
- in asphyxiation 612.2324
- blood **physiol.** 612.1273
- respira. **physiol.** 612.22311
- muscular produc. 612.74422
- refrig. machinery 621.574
- toxicology 615.96
- oxid air pollution 614.722
- narcotic poisons 615.96
- Carboniferous age geol. 551.75
- fossils 560
- Carbonous acid **physiol.** 612.234
- Carbons, arc light 621.3257
- Carborundum abrasives 621.92
- Carboxyhemoglobin blood 612.11114
- Carburetted
- air heating prac. chem. 542.44
- hydrogen air pollution 614.722
- Carcano, Giulio Ital. fic. 853.77
- Card
- catalog lib. admin. 025.3
- playing amusements 795
- ethics 175.5
- system literary meth. 029.1
- Cardia anatomy 611.333
- Cardiac
- contraction **physiol.** 612.171
- cranial nervs, sup. anat. 611.831915
- glands of stomach " 611.333
- irritability **physiology** 612.172
- muscle histology 611.01863
- plexus anatomy 611.83917
- sympathetic nervs
- inferior anatomy 611.83917
- middle " 611.83915
- superior " 611.83914
- valv closure physiology 612.1713
- valvs **anatomy** 611.1263
- veins anatomy 611.142
- Cardiff giant humbugs. 133.7
- <sup>1</sup>Cardigan, Wales history 942.95
- Cardinal veins anatomy 611.144
- Cardinals ecclesias. polity 262.13
- lives 922.2
- Roman church 282
- Cardiografy physiology 612.1711
- Cardoon 635.327
- Carducci, Giosuè Ital. poet 851.84
- Care of
- accumulators elec. eng. 621.35418
- animals public helth 614.94
- zootechny 636.083
- body hygiene 613.4
- school hygiene 371.73
- children dom. econ. 649.1
- eyes hygiene 613.49
- school hygiene 371.72
- farm machinery 631.3
- led accumulators 621.35518
- milk 637.13
- person customs 391.6
- hygiene 613.49
- toilet 646.7
- plants agriculture 634.54
- steam apparatus 621.193
- Carelius, Olof Swed. poet 839.7141
- Cargo
- capacity shipbuilding 623.81
- vessels " 623.824
- Caria ancient history 939.24
- Caribbean sea travels 917.29
- phys. geog. 551.463
- <sup>1</sup>Caribbee ilands history 972.97

Caribou	zoology	599.7	Carpets	designing	745
Caricature	drawing	741		domestic econ.	645.1
Carillon	music	789.5		hygiene	613.593
<sup>1</sup> Carinthia, Austria	hist.	943.66		library econ.	022.963
Carinthian sheep		636.3336		manufacture	677
Carlén, Emilie	Swed. fic.	839.7365	Carpocratian heresy		273.1
Carleton, Will	Am. humor	817.45	Carpometacarpal joints		611.7276
<sup>1</sup> Carleton co. N. B.	history	971.552	<b>Carposporeae</b>	<b>algae</b>	<b>589.4</b>
<sup>1</sup>	Ont.	971.383		<b>fungi</b>	<b>589.21</b>
Carlist wars	Spanish hist.	946.07	<b>Carpus</b>	<b>anatomy</b>	<b>611.7177</b>
Carlovingian cycle	legends	398.2	Carrer, L.	Ital. poetry	851.76
<sup>1</sup> Carlow, Ireland	history	941.88	Carrera, V.	" drama	852.83
Carlson, F. F.	Swed. misc.	839.7864	Carriage		
Carlyle, T:	Eng. essays	824.82	and car factories	archit.	725.45
<sup>1</sup> Carmarthen, Wales	hist.	942.98	horse		636.14
Carmelites	monks	271.73	houses	architecture	728.94
	sisterhoods	271.971		farm bildings	631.24
<sup>1</sup> Carnarvon, Wales	hist.	942.92	making	mech. trades	684
Carnations	horticulture	716.2	Carriages, care of gun		623.4813
Carneades	Gk philosofy	186.2	motor		629.2
Carnegie institution		378.32	ordnance		623.43
	pension fund	371.17	Carrier pigeons	dom. birds	636.59635
<sup>1</sup> Carniola, Austria	hist.	943.67	Carriers		
Carnivora	mammals	599.7	cash	mech. engin'g	621.8679
Carnivorous plants	botany	581.53	hay		631.3535
Carnot, Sadi-	Fr. hist.	944.08	in irrigation	sanitary eng	628.366
Carob		634.462	law		347.4
Carol	sacred music	783.6	mechanical	lib. econ.	022.944
Carolinas			<sup>1</sup> Carroll co. Ill.	history	977.334
	For military history, see subdivi-			travels	917.7334
	sions of Special campains and		<sup>1</sup>	Ind. history	977.294
	Military history under 975.3.		<sup>1</sup>	Ia.	" 977.746
	973.52, 973.7 and 973.89		<sup>1</sup>	Md.	" 975.277
Caroline, burning	U. S. hist.	973.57	<sup>1</sup>	Mo.	" 977.8225
<sup>1</sup>	co. Md. history	975.231	<sup>1</sup>	N. H.	" 974.24
<sup>1</sup>	ilands	996.6	<sup>1</sup>	O.	" 977.167
Carolingians	Fr. hist.	944.01	Carrot	field crops	633.43
	Ger. "	943.021		garden "	635.13
Carotid			Cars		
arteries	<b>anatomy</b>	<b>611.133</b>	aerostation	engin g	629.162
gland	"	611.47	aviation	"	629.182
	physiology	612.495	bilding		699
nerv, external	anat.	611.83913	<b>disinfection</b>	<b>cont. dia.</b>	<b>614.48</b>
internal	"	611.83912	horse	engineering	625.6
plexus, common	"	611.83914	milk	agriculture	637.135
Carpal bones	anatomy	611.7177	motor	engineering	629.2
joints	"	611.7275		tram elec. "	621.3343
Carpathian swine		636.432	<b>railroad engineering</b>		<b>625.22</b>
Carpathos	ancient history	939.17	Cart horse		636.15
<sup>1</sup>	modern "	949.97	<sup>1</sup> Cartagena, Spain	history	946.7
Carpenters	lib. econ.	023.773		travels	914.67
<b>Carpentry</b>	<b>bilding</b>	<b>694</b>	Cartels	law of war	341.3
	stereotomy	515.82	<sup>1</sup> Carter co. Mo.	history	977.889
			Cartesianism	philos. syst.	144

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Carthage anc. history 939.73  
 Carthaginian architecture 722.3  
 ' language 492.6  
 war Rom. hist. 937.04  
 Carthusian monks 271.71  
 Cartier, Jacques U. S. hist. 973.18  
 Cartilage chem. compos. 612.7512  
 histology 611.0183  
 Cartilages anat. 611.72  
 larynx " 611.221  
 Cartografy maps, etc. 912  
 Cartoons 741  
 Cartridges mil. science 623.4553  
 Carts, hand farm transport 631.3734  
 Carvd decoration archit. 729.5  
 Carving dining 642.6  
 sculpture 736  
 Caryophyllae botany 583.152  
 Caryophyllineae " 583.15  
 Casa, G. della Ital. poetry 851.38  
 Casein chem. tech. 668  
 in milk agriculture 637.1273  
 physiol. 612.66414  
 secretion " 612.66434  
 Casemate mounts ordnance 623.4331  
 Casemates fortifications 623.123  
 Cases, book lib. economy 022.4  
 English syntax 425.5  
 Greek " 485.5  
 Latin " 475.5  
 ' other languages  
 law Amer. digests 345.5  
 reports 345.4  
 Eng. digests 346.5  
 reports 346.4  
 Cashew family fruit 634.44  
 nuciculture 634.573  
 'Cashmere history 954.6  
 goat 636.39854  
 Casing steam boilers 621.18454  
 turbins 621.16538  
 Caspian sea travels 914.78  
 'Cass co. Ill. history 977.346  
 travels 917.7346  
 1 Ind. history 977.286  
 1 Ia. " 977.772  
 1 Mich. " 977.412  
 1 Mo. " 977.842  
 Cassi, F. Ital. poetry 851.65  
 Cassia tree botany 583.32  
 Cassinoid curv anal. geom. 516.26  
 Cast iron bldg material 691.7  
 engin'g 620.17  
 structures arch. 721.91  
 Castanets musical instr. 789.4  
 Caste ethics 177.5  
 Brahmanism 294  
 Castelar, E. Sp. oratory 865.52  
 Castelein, M. de Dut. poet. 839.3123  
 Castellazzo, L. Ital. fic. 853.81  
 Castelvetro, L. " essays 854.41  
 Casti, G. " satire 857.63  
 Castiglione, B. " essays 854.33  
 'Castile, New, history 946.4  
 1 Old " 946.3  
 Castilian fowls 636.561  
 Castillejo, C. de Sp. poetry 861.32  
 Casting foundries 671  
 Castle Martin cattle 636.2236  
 Castles architecture 728.81  
 Castor and Pollux mythol. 292  
 beans fertilizers 631.847  
 Castrated female agric. 636.08235  
 male " 636.08234  
 Castrametation mil. sci. 355.5  
 Castration physiology 612.6161  
 surgery 617.46  
 Castro y Belvis G. de 862.32  
 Casts 730  
 Casualties  
 insurance 368.4  
 protection from 614.8  
 Casuarineae botany 583.975  
 Casuistry ethics 171.6  
 Cat domestic animals 636.8  
 zoology 599.7  
 diseases of medicin 619.8  
 Catabaptists sects 284.3  
 Catacombs antiquities 913.37  
 cemeteries 719  
 symbols 246.5  
 'Catalan language 449.9  
 5 literature 849.9  
 Catalepsy 132.4  
 Catalog dep't lib. econ. 025.3  
 Catalogers " " 023.74  
 Cataloging " " 025.3  
 duplicates " " 025.263  
 Catalogs  
 author 018  
 book publishers' 015  
 college 378  
 dictionary 019  
 library printing 025.124  
 of brands stockfarming 636.08128  
 sales " 636.08188  
 special authors 012  
 countries 015  
 instruments 681  
 subjects 016

- Catalogs  
 stock farm 636.08187  
 pub. access to lib. econ. 024.54  
 star maps 524.8  
 stars 523.89  
 subject 017  
 trade, book 015  
 universal 011  
 see also Bibliography
- <sup>1</sup>Catalonia, Spain history 946.7  
 Catalysis chemistry 541.39  
 Catalytic analysis chem. 545.36  
 Catamarans boatbuilding 623.8212  
 Cataphoresis electrotherapy 615.84  
 Cataracts eye diseases 617.74  
     physical geog. 551.48  
 Catarrh diseases 616.205  
     epidemic " 616.203  
 Catarrhal affections of skin 616.52  
 Catch vocal music 784.1  
     basins of sewers 628.255  
 Catchcrop culture 631.584  
 Catechetic method educa. 371.35  
 Catechisms 238  
 Catenary  
     curv physics 531.83  
     suspension elec. eng. 621.33223  
 Caterer domestic econ. 641  
 Caterpillars  
     agricultural pests 632.78  
     economic zoology 591.69  
     systematic " 595.78  
 Cathari persecutions 272.4  
     sects 284.4  
 Catharine 1 Russian hist. 947.06  
     2 " " 947.06  
 Cathartics therapeutics 615.732  
<sup>1</sup>Cathay history 951  
     travels 915.1  
 Cathedral  
     canons eccles. polity 262.3  
     schools education 377.4  
     servises, musical 783.2  
     system eccles. polity 262.3  
 Cathedrals architecture 726.6  
 Catholic apostolic church 289.9  
     biog. 922.89  
     authors bibliog. 013.282  
     church, Roman 282  
     epistles Bible 227.9  
 Catholicism & protestantism 282  
 Catholics biography 922.2  
 Cato, Valerius Lat. satire 877.2  
 Cats, Jacob Dutch poetry 839.3131
- Cats *see* Cat  
 Catskill formation geol. 551.74  
<sup>1</sup>Catskills, N. Y. history 974.738  
     travels 917.4738  
 Cattalo cattle 636.2922  
<sup>1</sup>Cattaraugus co. N. Y. hist. 974.794  
 Cattle 636.2  
     diseases, cont. hygiene 614.91  
     veterinary med. 619.2  
     gards railway engin'g 625.16  
     markets architecture 725.27  
 Catullus Lat. lyric poetry 874.2  
<sup>1</sup>Caucasia history 947.9  
 Caucus primary suffrage 324.235  
 Caucuses  
     legislativ procedure 328.3745  
 Cauda equina anatomy 611.8216  
 Caudal artery " 611.1363  
 Caudatum " 611.81321  
 Cauliflower agric. 635.35  
 Cauls anatomy 611.38  
 Caumont fowls 636.546  
 Causality philosophy 122  
 Causation " 122  
 Cause and effect philos. 122  
 Causes  
     Amer. revolution 973.311  
     contagious diseases 614.41  
     final philosophy 124  
     Great war 1914-19 940.311  
     U. S. civil war 973.711  
     war of 1812 973.521  
     with Mexico 973.621  
     Spain 973.891  
 Causse sheep 636.3468  
 Caustic potassa therap. 615.775  
 Caux fowls 636.543  
 Cavalca, D. Ital. essays 854.11  
 Cavalcanti, G. " poetry 851.14  
 Cavallotti, F. " drama 852.85  
 Cavalry  
     horses 636.13  
     military science 357  
     U. S. civ. war 973.7417  
<sup>1</sup>Cavan, Ireland history 941.69  
 Cavatina music 784.2  
 Cave men prehis. archeol. 571.12  
     temples Ind. archi. 722.4  
 Cavernous plexus anat. 611.83912  
 Caves geology 551.44  
     natural dwellings 571.81  
 Cavour Ital. history 945.08  
<sup>1</sup>Cawnpore, India " 954.2  
 Cayenne cherry 634.423

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- <sup>1</sup>Cayenne island history 988  
pepper 633.842
- <sup>1</sup>Cayuga co. N. Y. history 974.768  
ducks 636.59782  
indians 970.3
- Cecal digestion physiol. 612.363
- Cecchi, G. M. Ital. drama 852.43
- <sup>1</sup>Cecil co. Md. history 975.238
- Cecum anatomy 611.347
- Cedar chests, etc. 648.7
- <sup>1</sup> co. Ia. history 977.766
- <sup>1</sup> Mo " 977.874
- ck, Va. U.S.civ.war 973.7377  
mt, Va. " " " 973.7328  
perfume woods 633.814
- <sup>1</sup> Rapids, Ia. history 977.7621  
run, Va. U.S.civ.war 973.7328
- Ceiling lights dom. econ. 644.326
- Ceilings  
architecture 721.7  
carvd arch. decoration 720.58  
mosaic " " 720.71  
painted " " 720.48  
vaulted architecture 721.4
- Celastrales botany 583.27
- Celastrineæ botany 583.271
- <sup>1</sup>Celebes history 991.2
- Celebrations  
Great war 1914-19 940.46  
invention of printing 655.12  
military 355.16  
student life 371.89  
U. S. history civil war 973.76  
Mex. " 973.626  
revolution 973.36  
Span. war 973.896  
war of 1812 973.526
- Celeriac agriculture 635.128
- Celery " 635.53
- Celestial dynamics 521.1  
sphere 522.71
- Celestina Spanish fict. 863.23
- Celiac axis anat. 611.1364
- Celibacy  
ethics 176.2  
hygiene 613.89  
of clergy law 348  
religion 254
- Celiotomy surgery 617.55
- Cell  
houses prison architec. 725.62  
ilets, interalveolar anat. 611.377  
masses, intertubular " 611.377  
structure histology 611.0181
- Cellar domestic economy 645.69
- Cells  
biology 576.3  
connectiv histology 611.01821  
histology anatomy 611.0181  
botany 581.8  
zoology 591.8  
physiologic botany 581.1  
physiology 612.014  
voltaic engineering 621.35  
see also qualifying word
- Cellular  
confinement prisons 365  
punishm'ts 343.2  
nerv substance histol. 611.01882  
tissue, botany 581.8  
histology 611.0181  
physiology 612.388
- Cellulitis diseases 616.77
- Celluloid dom. econ. 646.183  
manufactures 679
- Cellulose botany 581.8  
physiology 612.396113
- Celsius, Anders Swed. misc. 839.7835  
Olof " " 839.7846
- Celtic antiquities 913.36  
druids religion 299.16  
languages 491.6  
swine 636.441
- Celts  
ancient history 936  
French history 944.01  
stone archeol. 571.25
- Cements  
bilding materials 691.5  
engineering " 620.136  
manufacture 666.9  
mineral econ. geol. 553.68  
practical chemistry 542.26  
steam engineering 621.1857
- Cementum, diseases of 617.62
- Cemeteries  
earth burial 393.1  
effect on helth 614.65  
landscape gardening 719  
public helth 614.61  
Cemetery chapels architec. 726.8
- Cenozoic period geol. 551.78
- Censers sacred vessels 247.9
- Censorship of  
press journalism 070.13  
pol. sci. 323.445  
state control 351.751  
see also Books, censorship

Censuses statistics	310	Cephalization zoology	591.4
Centenarians physiology	612.68	Cephalopoda "	594.5
Centennial		Ceramics bldg materials	691.4
celebrations see subject		eng. "	620.14
exhibition U. S.	606	fine arts	738
" hist.	973.82	<b>manufacture</b>	<b>666.3</b>
1Center co. Pa. history	974.853	Ceratophylleæ botany	583.987
of gravity physics	531.24	Cereals adulterations	614.312
Centers, community	374.28	<b>agriculture</b>	<b>633.1</b>
Cent-gram-second system	530.8	botany	584.9
Centipedes zoology	595.6	food values	641.13
Centlivre, Mrs Eng. drama	822.53	<b>grain agriculture</b>	<b>633.1</b>
Cento novelle antiche	853.11	grasses "	633.25
Central		physiology	612.39273
1 Africa history	967	trade in	338.1
travel	916.7	Cerebellar	
1 North history	966	lobes anatomy	611.81711
travels	916.6	peduncles, superior	611.8164
1 America history	972.8	physiology	612.8267
travel	917.28	Cerebellum anatomy	611.8171
1 Asia history	958	physiology	612.827
travels	915.8	Cerebral	
fissure anatomy	611.81312	arteries, anterior & mid.	611.13333
nervous system physiol.	612.82	posterior	611.1349
Park, New York	711	circulation physiol.	612.824
plan rural schools	379.175	in sleep "	612.82174
powers Great war	940.334	convolutions "	612.825
army life	940.484	cortex anatomy	611.8131
personal narrativs	940.482	ganglions physiology	612.826
reading room lib. bldg	022.51	peduncles anatomy	611.8154
stations elec. engin'g	621.312	physiology	612.8263
steam "	621.19	poisons therapeutics	615.96
switchboard telefones	621.3854	veins anatomy	611.14511
Centralization		Cerebration, unconscious	153
administrativ Eng.	354.4201	Cerebria diseases	616.83
France	354.4401	Cerebro-cardiac poisons	615.99
Ger.	354.4301	Cerebrospinal	
lib. econ.	021.63	axis anatomy	611.811
U. S.	353.01	circulation, diseases of	616.81
political science	320.1	fever diseases	616.925
school supervision	379.15	fluid physiology	612.8241
Centre of gravity physics	531.24	meninges diseases of	616.82
Centrifugal blowers eng.	621.63	meningitis "	616.82
force physics	531.35	poisons therapeutics	615.98
pumps eng.	621.67	Cerebrospinalis, fasciculus	611.8252
separat'rs dairy	637.23214	Cerebrum	
Centripetal force physics	531.35	action on bloodvessels	612.1811
Centrolepideæ botany	584.82	hart	612.1784
Centrosome histology	611.01816	respiration	612.281
physiology	612.01426	<b>anatomy</b>	<b>611.81</b>
Centrum ovale maj. anat.	611.8137	<b>physiology</b>	<b>612.82</b>
semiovale "	611.8137	Ceremonies customs	394.4
Cephalic part of symp. syst.	611.8391	relig. ritual	264
veins anatomy	611.145465	Ceriman	634.7762

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Cerium  
 group inorganic chem. 546.6  
 inorganic chemistry 546.62  
 oxalate of therapeutics 615.735
- Cerro Gordo  
<sup>1</sup> co. Ia. hist. 977.725  
 U. S. war with Mex. 973.6237
- Certainty knowledge 121  
 of med. therap. 615.51
- Certification of teachers 371.13
- Ceruminous glands anat. 611.777  
 physi. 612.7929
- Cervantes Saavedra, M.de  
 Spanish fiction 863.32
- Cervera's squadron  
 U. S. war with Spain 973.895
- Cervical  
 cord anatomy 611.8212  
 ganglion, inferior anat. 611.83916  
 superior " 611.83911  
 ganglions, symp. physiol. 612.891  
 glands anatomy 611.4637  
 nervs " 611.833  
 plexus " 611.8333  
 vertebrae " 611.7111
- Cervix "  
 dilation obstet. op. 618.84  
 diseases of women 618.14
- Cesari, A. Italian essays 854.67
- Cession  
 of territory pol. sci. 320.1265  
 to U. S. of  
 Alaska U. S. hist. 973.81  
 California " 973.621  
 Florida " 973.54  
 Louisiana " 973.46  
 Philippines " 973.891  
 Span. hist. 946.08  
 Porto Rico " 946.08  
 Porto Rico U. S. hist. 973.891  
 Western ter. " 973.318
- Cesspools air pollution 614.764
- Cestoda parasitic diseases 616.964
- Cestoids worms 595.1
- Cetacea zoology 599.5
- Cevennes sheep 636.3468
- <sup>1</sup>Ceylon history 954.8  
 travel 915.48
- Chafing dish recipes 641.585  
 utensils 643.335
- Chailletiaceæ botany 583.255
- Chain blocks 621.863  
 gearing 621.835
- Chaind books 025.8
- Chains engineering 620.11286  
 ship outfit 623.86
- Chair harrow 631.3132  
 socialism 335.6
- Chairs domestic econ. 645.41  
 lib. econ. 022.911  
 rail 625.15  
 school furniture 371.631
- Chalcografy engraving 762
- Chaldea ancient history 935.1
- Chaldean architecture 722.5  
 philosophy 181.6  
 religion 299.22
- <sup>4</sup>Chaldee language 492.2
- Chalets architecture 728.7
- Chalises sacred vessels 247.8
- Chalk lithology 552.54  
 beds economic geol. 553.68
- Challenger exped. 1873-76 508.3
- Challenges duels 394.8
- Chalukyan architecture 722.4
- Chalybeate waters geol. 553.73
- Chamber, gun ordnance 623.4237  
 music 785.7
- Chamberland filter chem. 542.67
- Chambermaids dom. econ. 647.25
- Chambers  
 form of legislature 328.39  
 of commerce reports 381
- <sup>1</sup>Chambly co. Que. history 971.437
- Chameleon zoology 598.11
- Chamisso A. von Ger. fic. 833.68
- <sup>1</sup>Champagne, Fr. history 944.3  
 swine 636.441
- Champagne chem. tech. 663.2
- <sup>1</sup>Champaign co. Ill. hist. 977.366  
<sup>1</sup> O. " 977.1465
- Championship  
 games amusements 790  
 ethics 175.7  
 school hygiene 371.75
- Champlain  
 S: de discov. of Amer. 973.18
- <sup>1</sup>Champlain co. Que. history 971.446  
<sup>1</sup> lake " 974.754  
 travels 917.4754  
 battle Amer. revol. 973.352  
 war of 1812 973.5256
- Chance  
 games of amusements 795  
 ethics 175.5  
 natural theology 214  
 probabilities 519  
 vs cause metaphysics 122

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Chancellors lives</b>	<b>923.4</b>	<b>Chard</b>	<b>635.42</b>
Chancellorsville, Va. battle	973.7346	Chardoon	635.327
Chancels ecclesiology	246.1	<sup>1</sup> Charente, France hist.	944.65
Chancery, court of	347.99	<sup>1</sup> " inférieure, Fr. "	944.64
law	347.8	Charger horse	636.13
reports Am. law	<b>345.4</b>	Charging systems libraries	025.6
Eng. "	346.4	Charismata theology	231.7
<b>Chances mathematics</b>	<b>519</b>	<b>Charitable associations</b>	<b>361</b>
Chandeliers design	749	institutions	<b>361</b>
dom. econ.	644.326	Charities Amer. civ. war	973.777
lib. bildings	022.766	and corrections	<b>360</b>
Change of air hygiene	613.12	Great war	<b>940.47</b>
form of state	321.09	<sup>1</sup> Chariton co. Mo. history	977.825
seasons	525.53	Charity ethics	177.7
Changers, frequency eng.	621.31355	public admin.	351.84
<b>Changes of blood, respiration</b>	<b>612.23</b>	schools	377.7
Channel beams engin'g	620.11282	sisters of	271.91
iland cattle	636.2241	sociology	<b>361</b>
<sup>1</sup> ilands history	942.34	Charlatanry quackery	133.7
Channels, hydrografy of	526.99	Charlemagne	
open hydraulics	532.54	age of European hist.	940.14
Channing, W: E. Am. essays	814.23	French "	944.01
Chanson de geste Fr. poet.	841.11	German "	943.01
Roland " "	841.11	legends	398.2
Chant, Gregorian ecclesiol.	246.8	Charles 1 English hist.	942.062
Chants sacred music	783.5	2 " "	942.066
Chapbooks	398.5	Charles 4 French "	944.024
Chapelain, J: Fr. poetry	841.44	5 " "	944.025
Chapels architecture	726.4	6 " "	944.026
cemetery "	726.8	7 " "	944.026
Chapin, E. H. Am. oratory	815.35	8 " "	944.027
<b>Chaplains ministry</b>	<b>262.1</b>	9 " "	944.029
army Great war	940.478	10 " "	944.062
U.S.civ.war	973.778	Charles 2 German "	943.021
Chaps skin disorders	616.58	3 " "	943.021
Chapter-and-verse div. Bible	220.1	4 " "	943.026
Chapultepec, battle	973.639	5 " "	943.031
Characeæ botany	588.4	Netherl. "	949.202
<b>Character ethics</b>	<b>170</b>	Spanish "	946.04
formation of	374	6 German "	943.052
lib. qualifica'ns	023.52	7 " "	943.054
of herd agric.	636.0821	Charles 1 Spanish "	946.04
reading	028.9	2 " "	946.053
<b>Characteristics, mental</b>	<b>136</b>	3 " "	946.057
Charades	793	4 " "	946.058
Charbon public helth	614.561	Charles 14 Swedish "	948.07
Charcoal		<sup>1</sup> Charles co. Md. history	975.247
and chemicals in sewers	628.237	travels	917.5247
animal chem. tech.	668.7	Charleston, S. C.	
burning air pollution	614.735	campain U. S. civ.war	973.7351
chemic technology	662.7	harbor, 1861 " " "	973.7311
drawing	741	harbor, 1864 U. S. civ.war	973.7364
fuel domestic econ.	644.21	<sup>1</sup> history	975.7
		naval hist. U. S. civ.war	973.753

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Charleston, S. C.  
   siege Amer. revol. 973.3362  
   travels 917.57  
<sup>1</sup>Charleston, W. Va. hist. 975.438  
<sup>1</sup>Charlevoix co. Mich. " 977.486  
   Que. hist. 971.449  
<sup>1</sup>Charlotte co. N. B. " 971.533  
<sup>1</sup>Charlottetown, P. E. I. " 971.75  
 Charmoise sheep 636.3449  
 Charms occultism 133.4  
 Charters lib. government 023.1  
   of cities 352  
 Chartier, A. Fr. poetry 841.21  
 Chartism Eng. const. hist. 342.42  
 Chartists " polit. party 329.942  
 Chartografy maps, etc. 912  
 Charts  
   geografy 912  
   history 902  
   library administration 025.176  
   maps 912  
   of comets astronomy 523.69  
   moon " 523.39  
   planets " 523.49  
   stars " 523.89  
   statistics 311  
   sun astronomy 523.79  
   special topic see subject  
 Chase hunting 799  
   printing 655.27  
 Chasing sculpture 736  
 Chassis gun mounts 623.4352  
 Chastelain, G. Fr. fiction 843.24  
 Chastity ethics 176.1  
 Chateaubriand, F. A. R. 843.65  
<sup>1</sup>Chateaugay co. Que. hist. 971.433  
 Chateaux architecture 728.82  
 Chatham, earl of Eng. orat. 825.61  
 Chatrian, A. Fr. fiction 843.85  
 Chattanooga-Ringgold cam-  
   pain U. S. civ. war 973.7359  
 Chattel mortgage loans 332.313  
 Chattels law 347.3  
 Chatterton, T. Eng. poetry 821.63  
 Chaucer, G. " 821.17  
 Chaulieu, G. A. de Fr. poetry 841.47  
 Chautauqua self-educat. 374.9  
   co. N. Y. hist. 974.795  
<sup>1</sup>Cheat valley W. Va. " 975.481  
 Cheating ethics 174.7  
   student life 371.81  
<sup>1</sup>Cheboygan co. Mich. hist. 977.487  
 Checkers 794  
 Checkrowers 631.3324

Checks banks 332.1  
   commerc. law 347.7  
   gun mounts 623.4351  
   on legislation 328.256  
 Cheddar cheese 637.3542  
 Cheeks anatomy 611.318  
 Cheerfulness ethics 179.9  
 Cheers, college 371.89  
 Cheese adulterations 614.327  
   dairy 637.3  
   physiology 612.09285  
 Cheiro- see Chiro-  
 Chelonia reptils 598.13  
 Chemic  
   affinity 541.39  
   agents, effects of diseases 616.987  
   analysis 543  
   apparatus 542.2  
   disinfectants cont. dis. 614.484  
   effects of musc. contrac. 612.7442  
   electricity engineering 621.35  
   elements chem. tech. 661.1  
   chemistry 546  
   equations 541.9  
   fenomena, physiologic  
     nervous influence on 612.8228  
     of sleep 612.82175  
   fire extinguishers 614.845  
   industries 660  
   jurisprudence law 340.6  
   laboratories 542.1  
     architecture 727.5  
   manipulation 542.2  
   nomenclature 541.9  
   phenomena, see fenomena  
   physics 541.3  
   physiology 591.1  
   stimulation of nerv cells 612.8222  
     nervs 612.814  
   technology 660  
   treatment of wastes 628.544  
   works air pollution 614.72  
 Chemicals manufacture 661  
   in sewers 628.237  
 Chemigraf printing 655.32  
 Chemistry 540  
   agricultural 630.24  
   analytic 543  
   and natural religion 215  
   physics 541.3  
   applied to the arts 660  
   economic zoology 591.64  
   industrial chem. tech. 660  
   inorganic 546

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Chemistry			
legal	law	340.6	
medical	materia med.	615	
of bile	physiology	612.3571	
cells	"	612.0141	
muscle	"	612.744	
poisons	chem. anal.	543.5	
	toxicology	615.9	
soil		631.41	
organic		547	
physiologic	physiology	612.015	
	zoology	591.19	
study of disease		616.076	
Chemists	biography	925.4	
Chemotaxis	mesology	612.014467	
Chemotropism	"	612.014467	
<sup>1</sup> Chemung co. N. Y.	hist.	974.778	
	formation geol.	551.74	
<sup>1</sup> Chenango co. N. Y.	hist.	974.773	
Chénier, A. M. de	Fr. poet.	841.56	
	M. J. de " drama	842.66	
Chenopodiaceæ	botany	583.914	
Cheques, <i>see</i>	Checks		
<sup>1</sup> Cher, France	history	944.55	
Cherbourg, Fr.	U.S.civ.war	973.754	
Cherbuliez, V:	Fr. fiction	843.87	
Cherimoya		634.413	
<sup>1</sup> Cherokee co. Ia.	history	977.717	
Cherry		634.23	
Cherry Valley massacre		973.3345	
Cherub, ship	war of 1812	973.5255	
Chesapeake, ship	" "	973.5253	
<sup>1</sup> Cheshire, England	hist.	942.71	
<sup>1</sup> co. N. H.	"	974.29	
cheese		637.3542	
Chess	amusements	794	
	ethics	175.4	
room	lib. bildings	022.662	
Chest	anatomy	611.94	
	diseases	616.2	
	surgery	617.54	
<sup>1</sup> Chester co. Pa.	history	974.813	
	plays Eng. drama	822.11	
Chesterfield	" letters	826.52	
Chestnut		634.53	
Cheviot sheep		636.3251	
	Leicester sheep	636.3213	
Chiabrera, G.	Ital. poetry	851.51	
<sup>1</sup> Chiapas, Mexico	history	972.7	
Chiasma opticum	anatomy	611.8144	
<sup>1</sup> Chicago	history	977.31	
	travels	917.731	
Chicanery	ethics	174.7	
Chichimec period	Mex. hist.	972.012	
Chick pea		635.667	
Chickamauga, Ga.	campaign	973.7355	
<sup>1</sup> Chickasaw co. Ia.	hist.	977.7315	
Chicken farming		636.5	
	pox diseases	616.914	
	pub. helth	614.525	
Chicory	field crop	633.78	
	garden crop	635.137	
	salads	635.54	
<sup>1</sup> Chicoutimi co. Que.	history	971.416	
Chief justices	biography	923.4	
	librarian lib. econ.	023.4	
<sup>1</sup> Chihuahua, Mexico	hist.	972.1	
	travel	917.21	
Chilblains	skin disorders	616.58	
Child labor	polit. econ.	331.3	
	welfare	362.7	
Childbirth	obstetrics	618.2	
Childhood		136.79	
Children			
abnormal	child study	136.76	
	education	371.9	
asylums for	architecture	725.57	
	sociology	362.7	
care of		649.1	
clothing for	dom. econ.	646.36	
cookery	" " "	641.562	
cruelty to	ethics	179.2	
delineation of		136.75	
diseases of		618.9	
duties of	ethics	173.6	
education of		372	
games of	nursery	649.55	
	outdoor	796	
habits of	dom. econ.	649.6	
hedgear for	" "	646.56	
hospitals for		362.7	
labor of	pol. econ.	331.3	
manners of	dom. econ.	649.6	
moral care for		377	
of American revolution		369.137	
Children's			
crusade	European hist.	940.185	
point of view	child study	136.74	
room	lib. bildings	022.58	
Childstudy		136.7	
Chile	administration	354.83	
	botany	581.983	
	finance	336.83	
	geology	558.3	
	history	983	
	maps	912.83	
	schools, public	379.83	
	statistics	318.3	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Chile travels 918.3  
 treaties 341.283  
 other top. see table 1  
 controversy U. S. hist. 973.86
- Chili agriculture 633.843
- Chiliasm millennium 236.3
- <sup>1</sup>Chillicothe, O. history 977.1821
- Chilling dairy 637.1331
- Chillingham cattle 636.221
- Chills and fever diseases 616.936  
 pub. health 614.53
- Chimes of bells music 789.5
- Chimney  
 money taxation 336.27  
 pieces architecture 729.95  
 sweeping dom. econ. 644.2
- Chimneys  
 architecture 729.35  
 heating 697.8  
 high sanitary eng. 628.522  
 masonry 693  
 sewer ventilation 628.236  
 steam engineering 621.1838
- China administration 354.51  
 botany 581.951  
 finance 336.51  
 geology 555.1  
 history; ancient 931  
 modern 951  
 maps 912.51  
 schools, public 379.51  
 statistics 315.1  
 travels 915.1  
 treaties 341.251  
 other top. see table 1
- grass fibers 633.55  
 jute " 633.561  
 ware dom. econ. 642.7  
 fine art 738  
 useful arts 666.5
- Chinch bug pests 632.75
- Chinese  
 architecture 722.1  
 art 709.51  
 discovery of America 973.12  
 exclusion act U. S. hist. 973.86  
 geese 636.59885  
 immigration 325.251  
 labor polit. economy 331.6  
 language 495  
 layering 631.5344  
 literature 895  
 melon 635.618  
 philosophy 181.1
- Chinese  
 religion 299.5  
 servants dom. econ. 647.24  
 sheep 636.385  
 swine 636.485  
 watermelon 635.618
- Chinkapin 634.537
- Chinook language 427
- Chios ancient history 939.13  
 modern " 949.93  
 travels 914.993
- Chippewa, battle war 1812 973.5237  
 co. Mich. hist. 977.491  
 Wis. " 977.544
- Chiromnomy palmistry 133.6
- Chiromancy penmanship 652
- Chiromancy palmistry 133.6
- Chiropody surgery 617.58
- Chiroptera mammals 599.4
- Chirosofy palmistry 133.6
- Chisel, pruning 631.3423  
 weeding 631.3155
- Chitarra, C. dalla It. satire 857.12
- Chitin physiology 612.396172
- Chittagong fowls 636.5852
- <sup>1</sup>Chittenden co. Vt. hist. 974.31
- Chivalry, age of Europ. hist. 940.17  
 customs 394.7
- Chive agriculture 635.265
- Chlænaceæ botany 583.168
- Chloral hydrate poisons 615.967  
 hygiene 613.83  
 hypnotics 615.782  
 temperance 178.8
- Chloranthaceæ botany 583.926
- Chlorideæ forage crops 633.287
- Chlorids fertilizers 631.832  
 as disinfectants 614.487
- Chlorin  
 compounds air pollut. 614.726  
 mineralogy 549.4  
 inorganic chemistry 546.13  
 salts in urin physiol. 612.46161
- Chloroform anesthetics 615.781  
 poisons 615.966
- Chlorophyll botany 581.8
- Chlorophyllaceæ botany 589.8
- Chlorosis diseases 616.15
- Choate, Rufus Am. oratory 815.32
- Chocolate adulterations 614.347  
 agriculture 633.74  
 beverages 641.87  
 manufactures 663.9

Choctaw language	497	Christian	
literature	897	Brothers monks	271.78
Choice		church	260-289
freedom of metaphysics	123	commission U.S.civ. war	973.7781
psychology	159	connection sects	289.9
of editions	028.2	<sup>1</sup> co. Ill. history	977.381
vocation	374.1	<sup>1</sup> Mo. "	977.879
Choir music	783.8	doctrins	230
Choke cherry	634.24	education	377
coils elec. eng.	621.3146	ethics	171.1
Chologogs therapeutics	615.742	evidences	239
Choledic duct anatomy	611.367	fathers relig. hist.	270
Cholemia physiology	612.35765	works of	281.1
Cholera		iconografy relig. art	246
diseases	616.93	sculpture	732
infantum pub. helth	614.515	institutions	260
protectiv inoculation	614.475	life personal religion	248
public helth	614.514	names	929.4
Cholesterin blood	612.123	philosofy patristics	189.2
nutrition	612.39781	science church	289.5
Chondrocostal joints	611.723	biografy	922.85
Chondrostei fishes	597.4	healing law	614.24
Chondrosternal joints	611.723	theology	230.95
Choral servis sacred music	783.24	therap.	615.851
Chorale " "	783.6	sects	280
Chord process geodesy	526.43	socialism	335.7
Chorda tympani anatomy	611.83175	Sunday	263.3
salivation	612.81977	union	280
taste	612.877	unions, young men's	267.233
Chorea diseases	616.851	<sup>1</sup> Christiania, Norway hist.	948.2
Choriambics Gk prosody	486.3	trav.	914.82
Chorion embryology	611.01384	Christianity	
Choroid anatomy	611.8423	and science apologetics	239.8
eye diseases	617.72	evidences	239
physiology	612.8425	history	270-289
plexus anatomy	611.8192	primitiv	270.1
physiology	612.8241	Christians biografy	922
Chorus college songs	784.6	sect	286.6
sacred music	783.8	biografy	922.6
vocal " "	784.86	<sup>1</sup> Christiansand, Nor. hist.	948.3
<sup>1</sup> Chosen history	951.9	Christine de Pisan Fr. fic.	843.21
travel	915.19	Christmas	
Chrestien de Troyes Fr.poet.	841.14	customs	394
<sup>2</sup> Chrestomathy Eng. lang.	428.7	festival music	783.28
Christ doctrinal theol.	232	school holiday	371.365
life of	232.9	Christology doctrin. theol.	232
Christening baptism	265.1	Christ's thorn agriculture	634.744
customs	392.1	Chromates mineralogy	549.74
Christian		Chromatic	
apologetics	239	aberration optics	535.4
architecture, eccles.	726	scale theory of music	781
medieval	723	Chromatics optics	535.6
art	246	Chromatografy	752
associations	267	Chromatolysis physiol.	612.01424

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Chromatophores *physiol.* 612.796  
 Chromium *econom. geol.* 553.46  
     *inorg. chem.* 546.76  
     **group** " 546.75  
 Chromolithography 764  
 Chromometry *colorimetry* 545.8  
 Chromophotography 772  
 Chromosome bodies *phys.* 612.01424  
 Chromosphere *sun* 523.75  
 Chromoxylografy 761  
 Chronic diseases *pathol.* 616  
 Chronicles Bible 222.6  
     *history* *see special subj.*  
 Chronofotografy *physiol.* 612.761  
 Chronograf *astronomy* 522.52  
     *instruments* 529.78  
     *manufacture* 681  
 Chronograms 529.3  
 Chronologies *history* 902  
 Chronology *astronomy* 529  
     *biblical Bible* 220.94  
 Chronometer  
     *astron. instruments* 522.51  
     *longitude determination* 525.47  
     *manufacture* 681  
 Chrysanthemums *horti.* 716.2  
 Chrysippus *stoic philos.* 188.3  
 Chrysolitic rocks 552.48  
 Church 260-289  
     *and clergy law* 348  
     *education* 377.8  
     *state eccl. polity* 261.7  
         *ethics* 172.3  
         *persecutions* 272  
         *polit. science* 322  
     *Apostolic* 281.1  
     *architecture* 726  
     *attendance* 264  
     *authority* 262.8  
     *bells manufactures* 673  
         *music* 789.5  
     *benefices cleric support* 254  
     *biography* 922  
     *calendar, Anglican* 264.031  
     *Christian* 260-289  
     *decoration sacred orn.* 247  
     *disciplin eccl. polity* 262.9  
     *entertainments* 259  
     *fathers* 281.1  
     *fellowship* 265.2  
     *festivals worship* 264  
     *furniture* 247  
     *government* 262  
     *history* 270-289

Church  
     *membership ordinances* 265.2  
     *music* 783  
     *needlework* 247  
     *of England* 283  
         *Rome* 282  
         *Scotland* 285.2  
     *polity* 262  
     *primitiv* 270.1  
     *property*  
         *monastic foundations* 271  
         *polit. science* 322  
         *taxation* 336.29  
     *rates cleric support* 254  
     *religious history* 270-289  
     *sacraments* 265  
     *schools* 377  
     *sects* 280  
     *servises pub. worship* 264  
     *Slavonic language* 491.81  
     *sociology* 322  
     *unity* 280  
     *vestments* 247.7  
     *work* 260  
     *yards cemeteries* 719  
     *see also Religions*  
 Churches  
     *and American revolution* 973.315  
         *Great war 1914-19* 940.3152  
         *U. S. civil war* 973.715  
     *architecture* 726.5  
     *burials in pub. helth* 614.613  
     *hygiene* 613.55  
     *library propagandism* 021.76  
     *national vs organic unity* 261.8  
     *various christian* 280  
 Churchill, C: *Eng. satire* 827.61  
 Churning *agriculture* 637.2332  
 Churns " 637.2322  
 Churra sheep " 636.366  
 Churubusco, battle 973.6238  
 Chute wagons *farm transport* 631.3725  
 Chutes *domestic econ.* 643.6  
 Chyle *bloodmaking* 612.119  
     *digestion* 612.3327  
 Chyliferous vessels *physi.* 612.33273  
 Chyluria " 612.46662  
 Cibber, Colley *Eng. dram.* 822.54  
 Cibol 635.264  
 Cicada *agriculture* 632.75  
     *econ. zoology* 591.69  
     *syst.* " 595.75  
 Cicatrization  
     *of bone physiology* 612.753  
     *liver* " 612.359

Cicatrization					
of nerv centers	physiol.	612.82256			
nervs	"	612.81853			
physiology		612.603			
Cicero	complete works	875.1			
	Greek philosofy	186.3			
	letters	876.1			
	life	928.75			
	orations	875.2			
	philosofic works	875.4			
	rhetorical works	875.3			
Cid, Poema de mio		861.12			
Romancero del		861.27			
Cider	chem. technology	663.1			
Cienfuegos, N.A. de		861.48			
Cifer writing		652			
Cigar making		679			
	see also Tobacco				
Cilia					
anatomy	of eye	611.8475			
histology		611.01818			
physiology	of eye	612.847			
vibratil	physiology	612.72			
Ciliary					
body	anatomy	611.8425			
	eye diseases	617.72			
	physiology	612.842			
ganglion	anatomy	611.89152			
glands	"	611.775			
muscle	"	611.8425			
processes	"	611.8425			
Ciliata	zoology	593.17			
Cilicia	ancient history	939.35			
<sup>1</sup>	modern	956.4			
	travel	915.64			
Cinchonia	materia med.	615.336			
Cincinnati					
<sup>1</sup> city, O.	history	977.178			
	travels	917.7178			
	society of	369.131			
	daughters of	369.132			
Cinematics	mechanics	531.1			
Cinerary urns	customs	393.2			
Cinerea	anatomy	611.822			
Cinnamon	agriculture	633.833			
Cipher writing		652			
<sup>1</sup> Circassia	history	947.9			
Circassian sheep		636.385			
Circle	Ger. local gov.	352.0433			
	of Willis	anat. 611.1349			
	sailing, great	527.5			
Circles	perspectiv	515.65			
	plane geometry	513.21			
	prehist. archeol.	571.95			
Circuit breakers	elec. eng.	621.31736			
	court reports, U. S.	345.41			
Circular arches	architec.	721.41			
	domes	" 721.46			
	functions	trigo. 514.1			
	section of sewers	628.223			
Circulars, lib. propagandism		021.72			
Circulating					
dept hours	lib. econ.	024.36			
libraries		027.3			
Circulation					
and blood	physiology	612.1			
arterial	"	612.133			
artificial	"	612.1725			
capillary	"	612.135			
cerebral	"	612.824			
	in sleep	" 612.82174			
cerebro-spinal	diseases	616.81			
effect of					
glands on	physiol.	612.402			
on glands	"	612.401			
respiration on	"	612.213			
special organs on	"	612.19			
embryonic	"	612.179			
hepatic	"	612.3515			
hydraulic princp. of	"	612.13			
in animals	zoology	591.11			
lungs	physiology	612.2158			
muscles	"	612.74161			
plants	botany	581.11			
spleen	physiology	612.412			
intestinal	"	612.3355			
lymfatic	"	612.423			
money		332			
oceanic	ocean currents	551.47			
ocular	physiology	612.8426			
of blood	history	612.109			
prenatal	physiol.	612.179			
pressure in	physiology	612.14			
renal	"	612.4634			
retinal	"	612.84313			
uterin	"	612.6271			
venous	"	612.134			
Circulators	elec. eng.	621.3525			
Circulatory					
organs	comp. anat.	591.41			
	descr.	" 591.71			
system	anatomy	611.1			
	diseases of	616.1			
	drugs acting on	615.71			
system	physiology	612.1			
	surgery	617.41			
Circumanal glands	anat.	611.776			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Circumcision	customs	392.1	City		
	surgery	617.46	planning		710
Circumflex			special cities		914-919
axillary arteries	anat.	611.1341	property	local gov.	352.1
iliac artery, deep	"	611.13782	transit	sociology	388
	extern.	611.137842	vs country	colleges	378.153
Circumnavigations		910.4	Cive	agriculture	635.265
Circumpolar stars	maps	523.89	Civil		
Circumposition	layering	631.5344	authority	local gov.	352
Circumstantial evid.	law	347.94	engineering		620
Circumvallation	mil. eng.	623.22	government	polit. sci.	320
Circuses	amusements	791	and the church		322
	ethics	175.1		ethics	172.3
	feeding	641.577		relig.	261.7
Cirripedia	zoology	595.35	law	foren	349
Cisoid curvs	anal. geom.	516.26	liberty	polit. science	323.44
Cistercian monks		271.12	lists		351.2
Cisterns	rural water sup.	628.7	pensions	administra.	351.5
Cistineæ	botany	583.134	procedure	law	347.9
Citadel	mil. engineering	623.132	rights	constitutional law	342
Cités ouvrières	architec.	728.13	legal capacity		347.1
Cities			act	U. S. hist.	973.82
administration		352	servis	administration	351
ancient	description	913.3	library	econ.	023.2
beautification		710	municipal	gov.	352.005
buried	description	913.3	officials, lives		923.5
free	German gov.	354.4309	suffrage		324.173
growth of	administration	352.001	reform	admin.	351.6
	statistics	312	1871	U.S.hist.	973.82
helth of		614.145	1883	"	973.84
plans of		912	trials		347.9
scavenging of		628.4	war ass'ns, confederate		369.17
water and sewerage	wks	628.09	Union		369.15
Citizens, duties of	ethics	172.1	ethics		172.4
Citizenship			slavery		326
constitutional amendment			U. S. history		973.7
	U. S. history	973.81	Civility	ethics	177.1
law		347.1	Civilization and the church		261.6
political science		323.6	history		901
Citrates	diuretics	615.761	philosofy of		901
Citrin	perfume plants	633.813	primitiv		571
Citron		634.331	<sup>1</sup> Clackmannan, Scot.	hist.	941.35
group	fruits	634.33	Claims against governments		336
melon		635.615	U. S. court of hist.		347.99
Citrous fruits	agric.	634.3	reports		345.41
City			Clairvoyance		134
governments	adminis.	352	Clambakes	dom. econ.	642.45
halls	architecture	725.13	Clamps	practical chem.	542.24
homes of poor	"	728.11	Clams	culture	639.4
hotels	"	728.51	zoology		594.1
houses	"	728.3	Clans	genealogy	929.2
life			political science		321.2
mortality	pub. helth	614.145	Scottish history		941

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<sup>1</sup> Clare co. Ireland	history	941.93	Classification		
<sup>1</sup> Mich.	"	977.471	of plants	botany	580.1
Clarinet	wind instru.	788.6	primary cells	el. eng.	621.3538
<sup>1</sup> Clarion co. Pa.	history	974.869	sciences	nat. sci.	501
<sup>1</sup> Clark co. Ill.	history	977.371	soils		631.44
	travels	917.7371	philosophy		112
<sup>1</sup> Ind.	history	977.218	Claustrum	anatomy	611.81323
<sup>1</sup> Mo.	"	977.834	Clavichord	mus. instrum.	786.1
<sup>1</sup> O.	"	977.149	Clavicle	anatomy	611.7172
<sup>1</sup> Wis.	"	977.528	Clay, Henry	Am. oratory	815.25
<sup>1</sup> Clarke co. Ia.	history	977.7856	Clay	chemic technology	666.4
Clarke's colum	anatomy	611.8223	<sup>1</sup> co. Ill.	history	977.3795
Clark's exped.	Am. revol.	973.3348		travels	917.73795
<sup>1</sup> Clarksburg, W. Va.	hist.	975.458	<sup>1</sup> Ind.	history	977.244
Class			<sup>1</sup> Ia.	"	977.715
days	student customs	371.896	<sup>1</sup> Mo.	"	977.816
feeling	ethics	177.5	<sup>1</sup> W. Va.	"	975.467
meetings	pub. worship	264.8	modeling	elem. educ.	372.53
representation	pol. sci.	328.3344	petrography		552.52
re-unions	colleges	378	Clays	economic geol.	553.61
	student cus.	371.89	<sup>1</sup> Clayton co. Ia.	history	977.736
room	lib. buildings	022.653	Clayton-Bulwer	treaty	973.64
system	suffrage	324.214	Cleaners	library servis	023.796
<b>Classed catalogs</b>	<b>bibliog.</b>	<b>017</b>		vacuum dom. ec.	648.52
	lib. adm.	025.3		engin'g	621.55
Classes			Cleaning	chem. tech.	667.1
of library constituency		021.28		dom. econ.	648
school organization		371.25	dry	domestic econ.	646.6
social, courses for different		375.007	farm operations		631.562
	political sci.	323.3	laundry	domestic econ.	648.1
Classic			pneumatic		621.549
antiquities		913.38	tools for agriculture		631.362
biography		920.03	Cleanliness, <i>see</i> Cleanliness		
education		375.88	Cleanthes	stoic philos.	188.2
geography		912.3	Clean-up week	sanitation	628.44
literature		880	<sup>1</sup> Clearfield co. Pa.	history	974.861
	Greek	880	Clearing house	banking	332
	Latin	870		for lib. dupli.	025.267
mythology		292	Cleavage	crystallography	548.3
<sup>4</sup> philology	Greek lang.	480		geology	551.84
<sup>4</sup> Latin	"	470	Cleft grafting		631.54131
schools, private	educ.	373	Clemency	ethics	179.9
	public	379	Clemens, S: L.	Am. humor	817.44
<b>Classics</b>	Greek literature	880	Clement	philosophy	189.2
	Latin	870	Clementine	sheep	636.373
Classification			Clementines	Apocrypha	229.9
chemistry		541.9	Clenliness		
library		025.4	of body	hygiene	613.4
of animals	zoology	590.1	clothing	"	613.483
books	lib. econ.	025.4	markets	dom. econ.	641.4
diseases	medicin	616.01	zootechny		636.0832
economics		330.12	Cleopatra's needle	monu.	718
knowledge	methodol.	112	Clepsydra	chronology	529.78
languages	philology	401	Cleptomania	derangem'ts	132.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Clerc, Jean de Dutch misc.	839.381	<sup>1</sup> Clinton, Pa. history	974.854
Clergy		Fort Am. revol.	973.3335
and Amer. revolution	973.315	Clinton's advance "	973.3335
Great war	940.3152	Clipping pruning	631.54223
U. S. civil war	973.715	zootechny	636.0833
benefit of legal antiqui.	340.3	Clippings lib. adminis.	025.175
canon law	348	lit. methods	029.3
celibacy ethics	176.2	Clitoris anatomy	611.675
pastoral theol.	254	Cloakmaking dom. econ.	646.45
ethics	174.1	trade	687
holy orders	262.1	Clock, sidereal	522.51
in legislativ bodies	328.3324	Clockmaking	681
library propagandism	021.76	Clocks artistic furniture	749
lives of	922	chronology	529.78
pastoral work	250	dom. economy	645.5
re:servs Can. hist.	971.3	lib. "	022.923
Cleric support	254	Clod breakers	631.3143
tithes	336.21	crushers	631.3143
Clerical servis lib. econ.	023.76	Cloisterd nuns	271.96
Clerks legislativ employees	328.3623	Cloquet's canal anat.	611.8447
lib. econ.	023.763	<b>Close communion</b> baptists	286
occupation hyg.	613.65	sacrament	265.3
<sup>1</sup> Clermont co. O. history	977.179	vs broad classification	025.4
Cleveland, G. 1st presidency	973.85	Closed circuit cells eng.	621.3536
2d "	973.87	Closet, earth san. engin'g	628.43
<sup>1</sup> Cleveland, O. history	977.132	water air pollution	614.764
travels	917.7132	san. engin'g	628.6
Cleveland bay horse	636.1421	<b>Closing of libraries</b> lib. econ.	024.4
Cliff dwellings archeol.	571.84	Cloth manufactures	677
Climacterics physiology	612.66	<b>Clothes</b> dom. economy	646
vital statis.	614.13	Clothesmaking trade	687
Climate		Clotheswringers dom. econ.	648.3
effects of diseases	616.988	Clothing	
mental char.	136.2	adapted to season	646.09
therapeutics	615.834	care of children	649.4
farm economics	631.11	disinfection, contag. dis.	614.48
hygiene	613.11	domestic economy	646
influence on man	573.4	for frigid zones dom. ec.	646.091
physical geology	551.5	tropics " "	646.092
relation to ration physiol.	612.3955	hygiene	613.48
seasons	525.5	of laboring classes	331.83
Climatology contag. dis.	614.42	physiology of	612.5211
phys. geog.	551.5	support from hips	613.484
Climbers birds	598.7	Clouds meteorology	551.57
Climbing plants habits	581.5	artificial agriculture	632.114
Clinics medical educa.	610.7	Clover heders	631.3543
<sup>1</sup> Clinton city, Ia. history	977.7671	Clovers forage crops	633.32
<sup>1</sup> co. Ill. "	977.387	zootechny	636.08632
travels	917.7387	Cloves spice plants	633.832
<sup>1</sup> Ind. history	977.255	Club foot surgery	617.39
<sup>1</sup> Ia. "	977.767	houses architecture	728.4
<sup>1</sup> Mich. "	977.424	libraries	027.2
<sup>1</sup> Mo. "	977.8155	table system	642.54
<sup>1</sup> N. Y. "	974.754		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Clubs</b>			<b>Coast</b>		
<b>boys sociology</b>	<b>369.42</b>		mounts ordnance	623.433	
agric.	630.717		pilot	656	
domestic economy	647.94		survey, U. S. geodesy	526	
<b>girls sociology</b>	<b>369.46</b>		tides	525.64	
agric.	630.717		Coasting sports	796	
library economy	020.62		Coasts, hydrography of	526.99	
literary education	374.2		Coatroom lib. bildings	022.685	
social	367		attendants, lib.	023.794	
workingmen's architec.	725.93		Coats, indoor dom. econ.	646.43	
Clun Forest sheep	636.3243		of arms heraldry	929.8	
Clusters and nebulae stars	523.85		outdoor dom. econ.	646.45	
Clutches mech. engin'g	621.825		Cobalt inorg. chem.	546.73	
Clydesdale horse	636.1521		ores econom. geol.	553.48	
<b>Cnidaria zoology</b>	<b>593.5</b>		Cobnut	634.54	
Coach bilding mech. trade	684		Cobs horse	636.13	
<b>horse</b>	<b>636.14</b>		Coca hygiene	613.85	
Coaching amusements	798		Cocain anesthetics	615.781	
business	656		Cocainism		
Coachman dom. econ.	647.3		ethics	178.8	
Coagulation			hygiene	613.85	
of blood leucocytes	612.1125		medicin	616.86	
<b>physiology</b>	<b>612.115</b>		Coccygeal		
<b>Coal</b>			joints anatomy	611.7218	
<b>economic geology</b>	<b>553.2</b>		gland "	611.48	
fuel chemic technology	662.6		muscles "	611.7369	
domestic economy	644.22		nervs "	611.836	
metallurgy	669.8		Coccyx "	611.7118	
gas domestic lights	644.313		Cochil sapota	634.343	
heating	697.6		<sup>1</sup> Cochin China, Fr. history	959.7	
illuminating	665.7		fowls	636.5851	
heating prac. chem.	542.42		Cochineal agriculture	638.3	
mineralogy	549.8		dyeing	667.2	
mining	622.33		Cochlea anatomy	611.8521	
oil chemic tech.	665.4		physiology	612.8584	
domestic lights	644.312		Cochlear nerv anat.	611.83181	
economic geology	553.28		nucleus "	611.8177	
mineralogy	549.8		path "	611.83181	
tar colors chem. tech.	667.2		Cock fighting	791	
products " "	668.7		ethics	175.6	
therapeutics	615.75		Cockles culture	639.4	
trade	338.2		Cockroaches dom. econ.	648.7	
washing ore dressing	622.78		zoology	595.72	
Coalescence			Coco adulterations	614.347	
fetuses deformities	617.35		agriculture	633.74	
embryology	611.012		beverages	641.87	
incomplete deformities	617.32		manufacture	663.9	
of parts "	617.33		palm fruit culture	634.61	
Coast			Coconut fruit culture	634.61	
artillery gunnery	623.553		fiber	633.581	
mil. engin'g	623.417		Cocoon silkworms	638.2	
changes erosion	551.36		Cod fishery fishing	639.2	
defense military eng.	623.3		Code Napoleon Fr. law	349.442	
frontier pol. sci.	320.1288		telegrafy, hand operat.	621.3823	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Codes American law** 345.22  
     **telegraphic elec. eng.** 621.38215  
**Codices Bible mss** 220.4  
**Codification**  
     legislation 328.23  
     of law U.S. law 345.2  
**Coeducation** 376.7  
     of races 371.99  
**Coele Syria anc. history** 939.42  
**Coelenterata zoology** 593.3  
**Coeliacus plexus anat.** 611.83931  
**Coelom** " 611.389  
     embryology 611.01366  
**Coffee adulterations** 614.347  
     agriculture 633.73  
     botany 583.52  
     commercial mix. of 663.9  
     domestic economy 641.87  
     houses customs 394.1  
     hygiene 613.37  
     physiology 612.3932  
     stimulants 615.711  
**Cofferdams bridgebuilding** 624.157  
     river eng. 627.8  
**Coffins burial customs** 393.1  
     perishable pub. health 614.614  
**Cognition metaphysics** 126  
**Cogwheels mech. eng.** 621.83  
<sup>1</sup>**Cohahuila, Mex. hist.** 972.1  
**Coharers wireless teleg.** 621.3843  
**Cohesion physics** 539.2  
**Coils**  
     choke elec. engin'g 621.3146  
     elec. apparatus physics 537.86  
     induction elec. engin'g 621.3147  
     theory of dynam. elec. 537.51  
**Coin collectors, telephone** 621.38692  
**Coinage administration** 351.822  
     **polit. economy** 332.4  
     act U. S. history 973.82  
**Coins numismatics** 737  
**Coir agriculture** 633.581  
**Coke chem. tech.** 662.7  
     domestic econ. 644.22  
     metallurgy 669.8  
**Cola** 633.76  
<sup>1</sup>**Colchester co. N. S. history** 971.612  
**Colchis, Asia ancient hist.** 939.53  
**Cold**  
     antipyretics 615.75  
     baths hygiene 613.43  
     drinks " 613.36  
     exposure to protec. of life 614.87  
**Cold**  
     frames forcing 631.5442  
     protection 631.3442  
     Harbor, Va. U.S.civ.war 973.7368  
     imponderable remedies 615.832  
     physics 536  
     physiologic effects 612.59  
     protection of animals 636.08361  
     storage architecture 725.35  
         food preservat. 641.4  
     wether cookery 641.591  
**Colds catarrh** 616.205  
<sup>1</sup>**Cole co. Mo. history** 977.855  
**Colenso controv. Pentateuch** 222.1  
**Coleochaetæ botany** 589.47  
**Coleoptera pests** 632.76  
     zoology 595.76  
**Coleridge, S: T. Eng. poetry** 821.72  
<sup>1</sup>**Coles co. Ill. history** 977.372  
**Coleshill swine** 636.4223  
**Colic diseases** 616.34  
     painters poisons 615.928  
<sup>1</sup>**Colima, Mexico history** 972.3  
**Coliseum Rom. antiq.** 913.376  
**Collapse lung diseases** 616.249  
**Collar bone anat.** 611.7172  
**Collards** 635.347  
**Collars toilet** 646.48  
**Collation library econ.** 025.235  
**Collected biography** 920  
     sermons 252  
     travels 910.8  
     works, see subject  
**Collecting**  
     **biology** 579.6  
     book library econ. 025.2  
     bottle biology 579.612  
     business methods 658  
**Collection of fertilizers** 631.812  
     taxes finance 336.29  
**Collections**  
     **art galleries** 708  
     engravings 769  
     of poetry Amer. liter. 811.08  
         Eng. " 821.08  
     photografy 779  
     special library rooms 022.64  
     useful knowledge 602  
     **vocal music** 784  
     other topics, see subject  
**Collectiv housekeeping** 647.9  
**Collectors elec. traction** 621.3344  
     **manuals biology** 579  
**Collects Anglican ritual** 264.036

<b>College</b>		
cheers	student customs	371.89
<b>degrees</b>		<b>378.2</b>
education, cost of		378.368
electoral	suffrage	324.249
entrance requirements		371.214
<b>founders' lives</b>		<b>923.7</b>
journalism	colleges	378.05
	journalism	070.489
<b>libraries</b>		<b>027.7</b>
	functions	371.647
men in Amer. revolution		973.315
men in U. S. civ. war		973.715
	responsibilities	378.069
regattas	athletics	371.75
relief units	Great war	940.4777
settlements	labor. classes	331.85
societies	student life	371.83
songs		784.6
sports		371.74
Y. M. C. A.		267.361
<b>Colleges</b>		
agricultural		630.711
<b>and universities</b>		<b>378</b>
architecture		727.3
<b>business</b>		<b>650.7</b>
	or women	376.8
	separate vs coed.	376.7
gymnastics in		371.7324
hygiene		613.54
in American revolution		973.315
	U. S. civ. war	973.715
Collegiants	sects	284.9
<b>Collegiate education women</b>		<b>376.6</b>
Collenuccio, P.	Ital. essays	854.24
Collier controv.	Shakspere	822.33
Collieries	mining eng.	622.23
Colliers	shipbuilding	623.826
Collimation constant astron.		522.35
Collin-Harleville, J. F.		842.62
Collins, W:	Eng. poetry	821.57
Collisions at sea	marit. law	347.7
Collodion process	photog.	772
Colloids	mesology	612.0144625
	theoretic chem.	541.3452
Colman, G: sr	Eng. drama	822.63
<sup>1</sup> Cologne	history	943.42
	travel	914.342
<sup>1</sup> Colombia, S. Am.	history	986
	travels	918.6
Colon	anatomy	611.348
Colonial dames of Amer.		369.122
	nat'l soc. of	369.123
daughters of 17th century		369.128
<b>Colonial</b>		
<b>history, U. S.</b>		<b>973.2</b>
law	English statutes	346.1
order of the acorn		369.126
representation	pol. sci.	328.3343
<b>societies</b>		<b>369.12</b>
society of Pennsylvania		369.127
<b>system political science</b>		<b>325</b>
wars, society		369.121
Colonies	penal law	343.2
	political science	325
<b>Colonization, African</b>		<b>325.6</b>
	hist. of Africa	960
	political sci.	325.3
Colonizing	electoral fraud	324.272
Colonnades	arch. design	729.32
	walls	721.26
<b>Colony</b>		
<b>character stockbreeding</b>		<b>656.0821</b>
<b>composition</b>	"	<b>656.0823</b>
Colophons	incunabula	093
<b>Color</b>		
blindness	eye diseases	617.75
	physiology	612.8455
fotografy		772
in man	nat. hist. of man	573.5
	plants	581.157
of animals	zoology	591.157
	blood	612.111
	physiology	612.111
optics		535.6
painting		752
printing		655.32
sense	mental faculty	152.1
sight	physiology	612.84331
suffrage		324.15
<b>Colorado, U. S.</b>		
admission	U. S. history	973.82
discovery of America		973.16
<sup>1</sup> history		978.8
mil. hist.	U. S. civ. war	973.7488
	war with Spain	973.89488
river hemp		633.566
travel		917.88
Coloration of flame	chem.	542.52
Colorational variation	zool.	591.157
Colord audition	physiol.	612.84373
	men	Y. M. C. A. 267.365
	races	somatology 573.5
	tiles	roofs 721.56
	swine, medium	636.426
Colorimetric analysis	chem.	545.8
<b>Coloring</b>		
butter		637.26
dyeing		667.2

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Coloring  
 matter of bile *physiol.* 612.35713  
           urin           "       612.46127  
 matters *org. chem.* 547
- Colors  
 artificial *chem. tech.* 667.2  
 college 378.28  
 ecclesiology 246.6  
 literary methods 029.1  
 manufacture of paints 667.6  
 military science 355.15  
 painting fine arts 752  
           trade 698.1  
 practical printing 655.32
- Colosseum *Rom. antiq.* 913.376
- Colossians *epistles* 227.7
- Colossus of Rhodes *monum.* 718
- Colostrum *physiology* 612.66435
- Colportage *parochial* 259
- Colt gun *ordnance* 623.4225
- Colum, *spinal anatomy* 611.711
- Columbates *mineralogy* 549.71
- Columbia college 378.747
- <sup>1</sup>Columbia co. N. Y. *hist.* 974.739  
 1 Pa. " 974.838  
 1 Wis. " 977.581  
 1 Dist. of " 975.3  
           *trav.* 917.53
- <sup>1</sup>Columbiana co. O. *hist.* 977.163
- Columbium *inorg. chem.* 546.891
- Columbus *discov. of Amer.* 973.15
- <sup>1</sup>Columbus O. *history* 977.157  
           *day sch. observ.* 371.365
- Columelliaceæ *botany* 583.829
- Columns  
 architectural *construc.* 721.3  
           *design* 729.32  
 carpentry 694.4  
 carvd *arch. decorat.* 729.57  
 of cord, *posterior anat.* 611.826  
 painted *arch. decorat.* 729.47  
 sculpture 730  
 strength of materials 620.11283
- <sup>1</sup>Colusa co. Cal. *hist.* 979.433
- Combat, *judicial leg. antiq.* 340.3
- Combination  
 arithmetic 511.5  
 cars *railway engin'g* 625.24
- Combinations  
 industrial *polit. econ.* 338.8  
 of capital " 331.1  
 labor " 331.87
- Combinatory *anal. algebra* 512.5
- Combined  
 harvester and *thresher* 631.3542  
 system of *sewerage* 628.211
- Combretaceæ *botany* 583.414
- Combs *customs* 391.5
- Combustibles, *storage* 614.831
- Combustion  
 chemistry 541.39  
 engins, *internal* 621.43  
 heat 536.46  
 in furnaces *indus. sanit.* 628.524  
 steam *generation* 621.182  
           *locomotivs* 621.1331
- <sup>5</sup>Comedy *Eng. drama* 822
- Comella, L. F. *Span.* " 862.41
- Comets  
 charts 523.69  
 connection with *meteors* 523.56  
 maps *observations* 524.6  
 observation of 523.69  
 theory 521.7
- <sup>5</sup>Comic *journals Eng. liter.* 827  
           *journalism* 070.487  
           *music dramatic* 782.6  
 5 *works Eng. liter.* 827
- Commagene, *Asia anc. hist.* 939.36
- Command *mil. science* 355.331
- Commanders *biograpy* 923.5
- Commelinaceæ *botany* 584.38
- Commemorations  
 Great war *1914-19* 940.46  
 military *science* 355.16  
 U. S. *history civil war* 973.76  
           *Mex. "* 973.626  
           *revolution* 973.36  
           *Span. war* 973.896  
           *war of 1812* 973.526
- Commemorativ *sermons* 252.9
- Commensalism *zoology* 591.5
- Commentaries, *Bible* 220.7  
           *law* 347
- Commerce, *interstate* 385  
           *regulation law* 347.7  
           *sociology* 380  
           *useful arts* 650
- Commercial  
 agencies *credit* 332.7  
 arithmetics *mathematics* 511.8  
 bildings *architecture* 725.2  
           *care of* 647.96  
 establishments *library* 020.65  
 fertilizers *air pollution* 614.748  
 industry *state control* 351.824  
 law 347.7

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Commercial			
<b>morals</b> <b>ethics</b>	<b>174</b>		
panics	polit. econ.	332	
travelers	Y. M. C. A.	267.363	
traveling	commerce	658	
Commission	government	352.008	
Commissions			
bilding		692.8	
library		027.4	
middlemen	pol. econ.	331.236	
ordnance		623.4823	
parliamentary	legislat'n	328.372	
special	"	328.3628	
Commissure			
extension of	deformities	617.34	
of cord, anterior	anat.	611.8258	
posterior	"	611.8269	
Committee			
procedure	legislation	328.3742	
Committee:			
legislativ bodies		328.3627	
library		023.3	
see also	distinctiv name		
Common	bantams	636.58711	
carriers	law	347.7	
currant		634.722	
<b>law, American</b>		<b>345</b>	
<b>British</b>		<b>346</b>	
right copyr't		655.61	
treatises		347	
pleas, court of		347.99	
prayer	Ang. rit.	264.03	
schools, public		379	
Commonplace books		029.4	
Commons, house of Eng.		328.42	
student life		371.88	
Commonwealth	Eng. hist.	942.063	
Rom.	"	937.02	
Commonwealths, ideal		320.1	
Communal marriage		392.6	
Commune, French loc. gov.		352.0446	
Ger.	" "	352.0434	
of 1871	Fr. hist.	944.08	
<b>polit. economy</b>		<b>335</b>	
Communes, age of, in Italy		945.04	
Communication			
<b>administration</b>		<b>351.81</b>	
<b>electric engineering</b>		<b>621.38</b>	
farm economics		631.11	
heat		536.2	
magnetism		538.2	
mode of	contag. dis.	614.43	
<b>sociology</b>		<b>380</b>	
<b>useful arts</b>		<b>650</b>	
<b>Communion, close baptists</b>		<b>286</b>	
holy sacram.		265.3	
servis mus.		783.21	
Communism	polit. econ.	335.4	
Communists, French		335	
Community			
centers		374.28	
of land	pol. econ.	333.2	
Commutators	elec. engin'g	621.316	
physics		537.6	
Compact	ethics	174.7	
<b>Companies associations</b>		<b>360</b>	
joint stock	law	347.7	
Comparativ			
<b>anatomy animals</b>		<b>591.4</b>	
<b>plants</b>		<b>581.4</b>	
<b>embryology zoology</b>		<b>591.3</b>	
legislation		340.5	
<b>medicin</b>		<b>619</b>	
<b>mythology</b>		<b>291</b>	
<b>philology</b>		<b>410</b>	
<b>physiology zoology</b>		<b>591.1</b>	
<b>religion</b>		<b>290</b>	
<b>theology dogmatics</b>		<b>230</b>	
wages	polit. economy	331.2	
Comparetti, D.	Ital. essays	854.86	
Comparison			
<sup>1</sup> signs of	Eng. etymol.	422.6	
inflection		425.16	
Compass	magnetism	538.7	
variations of	astron.	522.76	
Compass s	ship outfit	623.86	
<sup>2</sup> Compendis, see subject			
Compensation			
labor	pol sci.	331.2	
legislatures		328.333	
Compensator potential			
regulators	elec. eng.	621.31451	
Compensators	" "	621.31327	
Competency			
of voters	pol. sci.	324.14	
Competition	prices	338.5	
wages		331.2	
Competitions			
agricultural		630.719	
school		371.535	
Competitiv			
examinations, civ. serv.		351.3	
schools		371.27	
music festivals		784.5	
<b>Complex ores metallurgy</b>		<b>669</b>	
variables	calculus	517.8	
Complexus muscle	anat.	611.7314	
Complications in labor	obst.	618.5	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Compline** Anglican ritual 264.034  
**Composers** biography 927.8  
**Composit**  
   electrode arcs elec. light 621.3256  
   **floors and flooring** 721.65  
   fuels steam engineering 621.18225  
   order of architecture 729.32  
   power electric plants 621.312135  
   ships shipbuilding 623.84  
   **structures arch. const.** 721.94  
**Compositæ** botany 583.55  
**Composition**  
   architectural design 729.11  
   artistic typesetting 655.25  
   **butter** 637.22  
   **cheese** 637.32  
   elementary English 428.2  
   fertilizers 631.813  
   food zootechny 636.0851  
   **milk** 637.127  
   music 781.6  
   rhetoric 808  
   soil 631.411  
   **typesetting** 655.25  
   with creditors law 347.7  
**Compost heap** agric. 631.875  
**Compound**  
   engins 621.11262  
   floors and flooring 721.64  
   stationary engins 621.1647  
   **structures** bridgebuilding 624.7  
   wound generators 621.313234  
**Compounds**  
   types of chem. 541.4  
   with metals org. chem. 547.9  
**Compressibility of air** pneu. 533.2  
**Compressing rams** engin'g 621.274  
**Compression**  
   of brain physiology 612.82455  
   gases physics 533.2  
   **strength of materials** 620.11242  
**Compressor nasi** anat. 611.7323  
**Comprest air** engins 621.42  
   **machinery** 621.5  
   therapeutics 615.836  
**Compromise**  
   ethics 171  
   **Missouri** U. S. history 973.54  
   of 1850 " civ. war 973.7113  
   " history 973.63  
   tariff act " 973.56  
**Compromises, slavery**  
   U. S. hist. 973.7113  
<sup>1</sup>**Compton co. Que.** history 971.468  
**Compulsory**  
   education 379.23  
   insurance 331.25  
   labor polit. econ. 331.57  
   vaccination pub. health 614.4738  
   voting political sci. 324.215  
**Compurgation** legal antiq. 340.3  
**Computation** arithmetic 511  
   bridge stresses 624.171  
**Comte** French philosophy 194.8  
   positivism 146  
**Comtoise sheep** 636.3443  
**Concept** mental philos. 153.1  
   of state pol. sci. 320.15  
**Conception**  
   immaculate Christology 232.1  
   physiology 612.63  
**Concert room** lib. bildings 022.651  
   teaching 371.31  
**Concertina** music 786.9  
**Concerto** orchestral mus. 785.6  
**Concerts** amusements 791  
**Conchae** anat. 611.7147  
**Conchifera** brachiopoda 594.8  
   lamellibranch. 594.1  
**Conchoid curv** anal. geom. 516.26  
**Conchology** 594  
**Conclave, papal** eccles. pol. 262.13  
**Concord, battle** Am. revol. 973.3311  
   philosophy 191.3  
**Concordances, Bible** 220.2  
   <sup>2</sup> special, see subject  
**Concordat** eccles. polity 262.13  
   internat. law 341.2  
**Concrete**  
   bilding material 691.3  
   ceilings 721.75  
   chemic technology 666.8  
   construction 693.5  
   engineering material 620.136  
   floors architecture 721.62  
   fortifications mil. eng. 623.123  
   foundations 721.13  
   pavements engin'g 625.84  
   piers and colums 721.33  
   reinforced engineering 620.137  
   roofing 695.6  
   roofs architec. 721.52  
   sidewalks pavements 625.8  
   village houses 728.64  
   walls 721.23  
   see also special structures  
**Concretion** geologic agent 551.98  
**Concubinage** sex customs 392.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Concussion injuries	617.21	Confederate	
of brain physi.	612.82455	states of Amer. formd	973.713
Condemd books rarities	098	civ. war	973.7
Condensation		survivors association	369.171
action of heat	536.44	veterans	369.172
of effluvium sanit. eng.	628.523	united	369.174
vapor pneumatics	533.1	united sons of	369.173
Condensed milk dairy	637.142	Confederation	
pub. helth	614.324	American colonies	973.318
Condensers chemistry	542.48	Canadian provinces	971.05
elec. engin'g	621.315	form of state	321.022
electricity	537.24	North German	943.081
steam engin'g	621.1976	of the Rhine	943.06
telephone	621.3865	1783-89 U. S. history	973.318
Condensing engines	621.11252	Conference meetings, church	64.7
pump pneu.	533.83	Conferences	
Condenst milk dairy	637.142	legislativ procedure	328.3742
pub. helth	614.324	library	020.6
Condillac French philos.	194.3	on candidates suffrage	323.233
Condimental		Confession	
herbs field crops	633.84	and absolution sacram'ts	265.6
garden "	635.7	Augsburg creeds	238.4
Condiments adulterations	614.314	auricular sacram'ts	265.6
chem. tech.	664.5	Confessional Roman ch.	282
zootechny	636.0877	Confessions creeds	238
Conditional		of faith ritual	264.5
immortality	237.3	Confidence practises	174.6
sentences English	425.4	Confinement	
Greek	485.4	obstetries	618.4
other lang.		punishment crim. law	343.2
Conditions influencing ani-		schools	371.56
mal temperature	612.54	solitary, crim. law	343.2
Condits		prison disciplin	365
electric lines	621.319233	Confirmation sacraments	265.2
subsurface roads	625.78	Conflagrations	614.84
telegraf	654.4	Conflict of duties	171
ventilation	697.9	laws intern. law	341.5
waterworks	628.14	Conformity Anglican ch.	283.42
Conduct of life ethics	170	Confucianism religion	299.5
Conduction electricity	537.22	Confucius Chinese philos.	181.1
heat	536.2	Congelation physics	536.43
Conductivity of rocks geol.	551.14	Congenital	
Conductors elec. engin'g	621.3193	defects of body hyg.	613.91
Condylarthrosis anat.	611.72962	teratol.	611.012
Cone modern geometry	513.53	distortions surgery	617.39
solid	513.42	Congestion of the lungs	616.242
Conestoga draft horse	636.158	Conglomerate lithology	552.51
Confectionery	641.85	Congo, <i>see</i> Kongo	
adultera.	614.311	Congregation eccle. polity	262.2
Confederacy, daughters of	369.175	Congregational church	285.8
Confederate		creed	238.5
navy U. S. civ. war	973.757	orders	262.19
		singing	783.9
		Congregationalism sects	285.8

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Congregationalists</b>	<b>lives</b>	<b>922.5</b>	<b>Conkanee hemp</b>	<b>agric.</b>	<b>633.562</b>
<b>Congress</b>			<b>Connaraceæ</b>	<b>botany</b>	<b>583.31</b>
of nations	intern. law	341.1	<b>Connaught, Ire.</b>	<b>history</b>	<b>941.7</b>
Vienna	Europ. hist.	940.27	<b>Connecticut, U. S.</b>		
internat. law		341.1	Arnold in	Am. revol.	973.3377
U. S. legial. bodies		328.73	<b>Conquest</b>		
<b>Congresses, library</b>		<b>020.63</b>	international law		341.3
<b><sup>2</sup> see also special subject</b>			<b>Norman Eng. hist.</b>		<b>942.02</b>
<b>Congressional</b>			of Greece by Rome		938.08
debates, U. S.		328.732	Mexico by Spain		972.02
directories "		328.738	territorial pol. sci.		320.1269
documents "		328.734	<b>Conrad</b>	1	Ger. history
<b>Congreve, W:</b>	Eng. drama	822.46	2	"	"
<b>Conic</b>			3	"	"
projections	descrip. geom.	515.4	4	"	"
spheric "		515.56	<b>Consanguinity</b>	law	347.6
sections	analyt. geom.	516.22	physiol.		612.607
geometry		513.22	<b>Conscience, H.</b>	Dutch fic.	839.3355
<b>Conicoids</b>	analytic geom.	516.42	<b>Conscience</b>	ethics	171.6
<b>Conics</b>	"	516.53	freedom	pol. science	323.442
modern "		513.53	<b>Consciousness</b>	philosophy	126
<b>Coniferæ</b>	botany	585.2	<b>Conscription</b>	mil. science	355.22
<b>Conium</b>	nervous depress.	615.786	U. S. history		973.7414
<b>Conjugate forms</b>	invariants	512.88	<b>Consecration</b>		265.9
<b>Conjugatæ</b>	botany	589.61	sermons		252.7
<b>Conjugation</b>	Eng. gram.	425.18	<b>Conservation of</b>		
Fr.	"	445.18	energy	physics	531.6
Ger.	"	435.18	fertilizers	agric.	631.812
Gk	"	485.18	forces	physics	531.6
Lat. gram.		475.18	moisture	agric.	631.7
<b><sup>3</sup></b>	other lang.		national resources		339
<b>Conjunctions</b>			natural	"	333
etymology	English	422.9	<b>Conservatism</b>		137
Greek		482.9	<b>Conservatories</b>	architec.	728.98
Latin		472.9	music		780.7
<b><sup>3</sup></b>	other lang.		plants		716.3
solar system		523.23	<b>Consols</b>	Eng. finance	336.42
syntax	English	425.9	<b>Consonants</b>	language	421.3
Greek		485.9	physiology		612.7894
Latin		475.9	<b>Conspiracies</b>	crim. law	343
<b><sup>3</sup></b>	other lang.		<b>Constables</b>		352.2
<b>Conjunctiv</b>			<b>Constance, council of</b>		
mood, etymology	Greek	482.8	1414-8, Hussites		284.3
Latin		472.8	religious history		270.5
<b><sup>3</sup></b>	other lang.				
syntax	English	425.8			
French		445.8			
Greek		485.8			
Latin		475.8			
<b><sup>3</sup></b>	other lang.				
<b>Conjunctiva</b>	anatomy	611.8411			
eye diseases		617.71			
physiology		612.8411			
<b>Conjuring</b>	sorcery	133.4			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Constant de Rebecque	843.63	Construction	
Constant		systems shipbuilding	623.84
current analysis chem.	545.311	Consular	
syst. arc light	621.3252	reports	382
transformers	621.31432	systems intern. law	341.8
potential syst. arc. light	621.3253	Consulate, 1st Fr. hist.	944.046
transformers	621.31431	Consuls	327
speed motors	621.313245	Consulting librarian	023.4
voltage analysis chem.	545.312	Consumers leag	331.8
Constantine the Great		Consumption	
Byzant. hist.	949.501	butter	637.24
Constantinople		cheese	637.34
<sup>1</sup> history	949.61	final pol. econ.	339
Latin conquest	949.503	fuel steam engin'g	621.1823
travels	914.961	compar. " "	621.1824
Turkish conquest	949.504	lung diseases	616.246
Constantinopolitan creed	238.1	milk	637.14
Constants earth	525.1	productiv pol. econ.	331
electricity	537.51	Consumptiv assn cooperat.	334.5
moon	523.31	Contagious diseases	
sun	523.71	domestic economy	648.6
Constellation, ship U.S.hist.	973.45	pathology	616.91
Constellations astronomy	523.89	public helth, general	614.4
Constipation pathology	616.34	special	614.5
Constituencies suffrage	324.22	Containers elec. engin'g	621.351
Constituents butter	637.222	prac. chem.	542.23
cheese	637.322	Contemplativ pers. religion	248
Constitution		sisterhoods	271.96
and bylaws lib. econ.	023.1	theology	242
centennial U. S. hist.	973.85	Contested	
day school observ.	371.365	elections legislativ bodies	328.3358
English law	342.42	suffrage	324.277
of matter metaphysics	117	legislation	328.3744
physics	530.1	Conti, Augusto Ital. essays	854.83
of '57 Mex. history	972.06	Contingent vote suffrage	324.224
ship U. S. war of 1812	973.5251	Continence ethics	176.3
captures by "	973.5257	Continental	
United States history	973.4	code elec. engin'g	621.382153
law	342.73	congress U. S. hist.	973.312
Constitutional		leg. bod.	328.73
act, Canada under	971.03	heraldry	929.6
conventions	342	protestant sects	284
diseases	616.9	travels	914
history	342	Continents phys. geog.	551.41
law	342	Continuation schools	374.8
monarchy pol. sci.	321.7	Continued fever, simple	616.926
Constrained attitude hyg.	613.65	Continuous	
Construction		current machinery eng.	621.3132
aircraft aerostation	629.16	systems transmission	621.319122
aviation	629.18	train telegrafy	621.38425
architectural	721	truss bridgeblding	624.33
carpentry	694	<sup>1</sup> Contra Costa co. Cal. hist.	979.463
library bildings	022.35	Contraband of war int. law	341.3
masonry	693	Contrabass tuba wind	788.48

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Contrabasso	stringd	787.4	Conversation		
Contract			self education		374.1
labor	pol. econ.	331.54	table		642.48
prisons		365	Conversion	personal relig.	248
Contractility			revivals		269
of bile ducts	physiol.	612.3577	Converter		
hart	"	612.171	panels	elec. eng.	621.31726
spleen	"	612.413	substations	" "	621.31264
Contraction			Converters	elec. engin'g	
muscular	histology	611.01864	alternating current		621.3135
of muscles	physiology	612.741	direct	"	621.31325
Contractions	shorthand	653.1	frequency, asynchronous		621.31367
Contractors	liability bldg	692.9	phase	"	621.31368
Contracts			Conveyances	law	347.2
bilding		692.4	Conveyancing	realty	347.2
ethics		174.7	Conveyers	engineering	621.867
law		347.4	fuel	"	621.18378
marriage	family law	347.6	tree	agricult.	631.3366
teachers		371.142	Conveying		
wage scales	pol. econ.	331.22	machinery	engin'g	621.86
Contravariants	algebra	512.88	hydraulic	"	621.264
Contreras, battle	Mex. war	973.6238	pupils	central plan	379.175
Contributions			Convict labor	pol. econ.	331.51
election	suffrage	324.273	Convicts	criminal law	343
library rules		023.93	discharged	reform	364
Control			Conviviality	social cust.	394.1
devices	electric stations	621.317	Convocation	eccles. polity	262.4
fertilizer	frauds	631.818	Convolutions	anatomy	611.8131
over administration		351.9	physiol.		612.825
systems	elec. traction	621.3344	Convulvaceæ	botany	583.78
Controversial	divinity	230	Convulsions	diseases	616.845
sermons		252.2	puerperal		618.75
Contused wounds	surgery	617.142	Conway	cabal Am. revol.	973.349
Contusions	surgery	617.13	<sup>1</sup> Cook co. Ill.	history	977.31
Conundrums	amusem'ts	793	Cook books	dom. econ.	641.5
<sup>s</sup>	Eng. lit.	828	Cookers	kitchen equip.	643.33
Conus medullaris	anat.	611.8216	Cookery		
Convection	heat	536.2	dietetics		613.2
Convent	educa. of women	376.5	domestic economy		641.5
labor	polit. econ.	331.53	esthetics of	dom. econ.	641.01
Convention	eccles. polity	262.4	of diff. materials	"	641.6
French hist.		944.043	processes	"	641.7
Conventional			Cooking	banana	634.773
forms	decoration, painted	729.44	schools		641.07
relief		729.54	Cooks	domestic economy	647.25
Conventions	polit. parties	329	<sup>1</sup> Cook's island	history	996.2
see also	special subjects		Coolies		326.2
Convents		271	Cooling towers	steam eng.	621.19764
architecture		726.7	Cooper, A. A.	Eng. essays	824.51
Conversation			J. F.	Am. fiction	813.24
art of		374.1	<sup>1</sup> Cooper co. Mo.	history	977.851
ethics		177.2	Union	education	374.9
library staff rules	]	023.91	Cooperage	manufactures	674
rooms	lib. bildings	022.661			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Cooperation	lib. econ.	021.64	Copyright books	lib. aid	021.842
	lit. methods	029.1		international law	341.5
	polit. econ.	334		law	347.7
Cooperativ				publishing	655.6
bilding associations		334.1	Coquetry	ethics	177.6
cataloging	lib. admin.	025.3	Coquillart, G. Fr.	poetry	841.23
housekeeping		647.93	Coracocromial ligaments		611.72724
insurance		334.3	Coracobrachialis	anat.	611.73722
Coordinates			Coracoclavicular joint	"	611.72724
anal. geom. of space		516.34	Coracoid process	"	611.7173
<b>geografic</b>		<b>525.4</b>	Coral reefs	geology	551.96
modern analytic geom.		516.51	Corallines	algae	589.3
plane	"	516.14	<b>Corals</b>	<b>zoology</b>	<b>593.6</b>
<b>spheric astronomy</b>		<b>522.7</b>	Cor-Anglais	wind instr.	788.7
Coordination	physiology	612.82934	Cord machine	physics	531.83
Coornhert, D. V. Dut.	poetry	839.3126	<b>spinal anatomy</b>		<b>611.82</b>
<sup>1</sup> Coos co. N. H.	history	974.21	<b>physiology</b>		<b>612.83</b>
Copaiba	diuretics	615.761	Cordage		
<sup>1</sup> Copenhagen	history	948.9	<b>fibers agriculture</b>		<b>633.5</b>
	travel	914.89	manufacture		677
Copepoda	articulates	595.34	Cordials	liquors	663.5
Copernican theory	astron.	521	Cordilleras	description	918
Copiers	lib. economy	025.154	Cordon training		631.5466
	offis equipment	652	Cords	plant support	631.3451
Coplas de Mfngo Revulgo		867.2	training		631.5461
Coppée, F. E. J.	Fr. drama	842.88	<sup>1</sup> Corea	history	951.9
	" poetry	841.85	Cores, field	elec. eng.	621.316
Copper			Coriander		635.75
coins	money	332.41	Coriariæ	botany	583.298
drugs		615.256	Corinth, Miss.	battle	973.7334
engraving		762	siege		973.7325
<b>implements archeol.</b>		<b>571.34</b>	Corinthia	ancient hist.	938.7
inorganic chemistry		546.56	Corinthians 1	epistles	227.2
led accumulators		621.35556	2	"	227.3
manufacture		671	Corium	anatomy	611.778
metallic poisons		615.929	<sup>1</sup> Cork, Ireland	history	941.95
metallurgy		669.3	travel		914.195
mineralogy		549.2	Corkborers	chemistry	542.25
mining prehist. archeol.		571.31	Corliss engin		621.1644
ores economic geology		553.43	Corn	cereals	633.15
roofing		695.4	clubs		630.717
toxicology		615.929	duty on		337.5
Copperas	disinfectant	614.488	foods	zootchny	636.08615
Coptic church	sects	281.7	<b>harvesters</b>		<b>631.355</b>
<sup>4</sup>	language	493.2	harvesting		631.555
<sup>5</sup>	literatur*	893.2	laws		337.5
Copts	histo.y	962	salad		635.57
Copulation	embryology	611.0132	shellers		631.3614
	physiology	612.613	trade	pol. econ.	338.1
	zootchny	636.082453	vegetables		635.67
Copy and proof	lit. meth.	029.6	Cornaceæ	botany	583.497
Copybooks	elem. educat.	372.51	Cornea	anatomy	611.8413
Copying processes	writing	652	eye-diseases		617.71
Copyists' occupation, hygiene		613.65	physiology		612.8411

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Corneille, P. Fr. drama	842.41	Corpus	
T: " "	842.43	striatum anatomy	611.8132
Cornelius Agrippa philos.	189.5	physiology	612.8261
Cornell university	378.747	Corpuscles chemistry	541.2
Cornet wind instrum.	788.3	red physiol.	612.111
Cornises archit. construc.	721.27	white "	612.112
" design	729.31	Corpuscular theory of light	535.1
<sup>4</sup> Cornish		matter	530.1
Indian fowls	636.58814	Correction, houses of	364
language	491.67	arch.	725.63
pumps mine drainage	622.53	Corrections	
Corns dermatology	616.54	astronomy	522.9
Cornstalks zootechny	636.086255	by readers lib. economy	024.81
<sup>1</sup> Cornwall, England hist.	942.37	gravity experiments	526.73
Cornwall sheep	636.3266	of orbit astronomy	521.35
Cornwallis' surrender	973.3375	perspectiv	515.66
Corollifloræ botany	583.5	Correlation	
Corona of sun	523.75	method of teaching	371.363
Coronado discov. of Am.	973.16	of figures mod. geom.	513.57
Coronariæ botany	584.3	forces physics	531.6
Coronary		Correspondence	
arteries anatomy	611.1322	autobiography	920
physiology	612.1721	commercial	658
gastric artery anatomy	611.13643	courses agriculture	630.714
nervs "	611.8393	<sup>5</sup> English literature	826
valv "	611.12665	letter writing	808.6
Coronation ceremonies	394.4	library administration	025.15
Coroners law	347.96	logic	169
local gov't	352.9	methods of teaching	374.4
Corpora albicantia anat.	611.8142	modern geometry	513.57
cavernosa "	611.645	natural theology	219
quadrigemina "	611.8153	schools self education	374.4
Corporal punishment	371.55	shorthand	653.042
Corporate industries	338.7	Swedenborgian	289.4
Corporation, city admin.	352.003	<sup>1</sup> Corrèze, France history	944.67
Corporations	360	Corridors lib. bildings	022.681
business	380	Corrosion chemistry	541.39
charitable	361	eng. materials	620.1122
law of	347.1	steam boilers	621.1965
mining	622	Corrosiv	
municipal	352	sublimate antiseptics	615.778
railroad	385	drugs	615.258
Corps		pestifuges	648.7
army U. S. civ. war	973.7416	toxicology	615.927
judicial univ. admin.	378.113	Corrugator supercillii anat.	611.7325
Corpulence disease	616.39	Corruption	
physiology	612.3977	electoral suffrage	324.27
Corpus	81	official ethics	172.2
callosum anatomy	611.39	Corsets hygiene	613.484
physiology	612.8261	Corsica, Italy, anc. hist.	937.9
luteum anatomy	611.652	<sup>1</sup> mod. "	945.9
embryology	611.01317	Corsican pony	636.165
spongiosum anatomy	611.646	Cortereal, G. discov. of Am.	973.16
		M. " " "	973.16

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Cortés, H.	discov. of Am.	973.16	Costume	fashion mag.	646.05
	Mex. history	972.02		hygiene	613.48
<b>Cortex, cerebral</b>	<b>anatomy</b>	<b>611.8131</b>		military	355.14
	physiol.	612.825	<b>Costumes</b>		<b>391</b>
Corticine	dom. economy	645.1	<sup>1</sup> Côte d' Or, France	hist.	944.42
	lib.	022.961	Co-tenancy	law	347.2
Corti's fibers	anatomy	611.8522	Cotentin cattle		636.2462
	physiology	612.8584		sheep	636.3447
	ganglion anatomy	611.89181	<sup>1</sup> Côtes du Nord, Fr.	hist.	944.12
	organ	611.8522	Cotswold sheep		636.3211
	physiology	612.8584	Cottage cheese		637.356
<sup>1</sup> Cortland co. N. Y.	hist.	974.772	Cottages, laborers	archit.	728.68
Corundum	chemic tech.	666.8		mountain	728.7
	econ. geol.	553.65		seaside	728.7
	mineralogy	549.5	Cotters	fastenings	621.883
Corvée	pol. econ.	331.57	Cottoid fishes	zoology	597.5
Coryza	diseases	616.205	Cotton		
<sup>1</sup> Coshocton co. O.	history	977.165	agriculture		633.51
<b>Cosmetics</b>	<b>adulterations</b>	<b>614.354</b>	clothing	hygiene	613.481
	toilet	646.7	domestic	economy	646.11
Cosmic dust	astronomy	523.16	dyeing	chem. technol.	667.3
	philosofy	metaphys. 113	expos. internat. U.S.	hist.	973.84
	time	chronology 529.77	manufactures		677
Cosmogony	metaphysics	113	mills	architecture	725.41
	natural theol.	213	picking	agriculture	631.5565
<b>Cosmografy</b>	<b>phys. geog.</b>	<b>551.4</b>	trade	pol. econ.	338.1
<b>Cosmology</b>	<b>metaphysics</b>	<b>113</b>	worm	pests	632.78
	natural theol.	213	Cottonseed		
Cossa, Pietro	Italian drama	852.82	meal	fertilizers	631.847
Cossacks	Russian hist.	947	Cotyloid cavity	anatomy	611.7181
Cost	bilding	692.5	Couches	dom. economy	645.42
	keeping accounts	657	Coucou	poultry	636.547
	of animals	zootechny 636.08112		de Malines	poultry 636.548
	college education	378.368	Coughing	physiology	612.219
	farm	agriculture 631.112	Coughs and colds	pathol	616.205
	fertilizers	" 631.817	Coulometers	elec. eng.	621.3744
	food	dom. econ. 641.31	Council		
	political economy	338	<sup>1</sup> Bluffs, Ia.	history	977.7711
Costa, I: da	Dutch poetry	839.3155	ecclesiastic	polity	262.4
	Paolo Ital. essays	854.71	ecumenic	eccles. pol.	262.5
	S: Dutch drama	839.3233		relig. hist.	270.2
<sup>1</sup> Costa Rica	hist.	972.86	general	Fr. loc. gov't	352.0442
Costal cartilages	anatomy	611.7125	<b>history, religious</b>		<b>270</b>
Costanzo, A. di	Ital. poetry	851.41	municipal	Fr. loc. gov't	352.0448
Coster	hist. of printing	655.112	of state	French admin.	354.4405
Costivness	diseases	616.34	Ger.	"	354.4308
Costmary		635.74	privy	Eng.	" 354.4204
Costocervical artery	anat.	611.1346	Counsel	christian relig.	241
Costochondral joints	"	611.723	Counterfiting	law	343
Costoclavicular ligam.	"	611.7271		pol. econ.	332.9
Costosternal joints	"	611.723	Counterirritation	therapeut.	615.771
Costovertebral	"	611.722	Countermines	mil. eng.	623.36
Costume	academic	378.29	Counterpoint	music	781.4
	ecclesiastic	247.7	Counterpoise	bridges	624.82

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Counters	library econ.	022.913	Courts		
	telephone stations	621.38798	<b>administration</b>		<b>351.94</b>
Countervallation	mil. eng.	623.22	authority of		340
Country			ecclesiastical		262.9
homes	architecture	728.6	history of		347.99
of poor	"	728.12	juvenil		364
inns	"	728.53	martial		344
laboring class in special		331.819	of honor	mil. science	355.13
life		630.1	inquiry	" "	355.13
mortality	pub. helth	614.145	organization		347.97
schools		379.173	Courtship	ethics	177.6
seats	architecture	728.8	Cousin	eclecticism	148
vs city colleges		378.153	French philos.		194.7
County			Cousins, marriage of	law	347.6
agent	agriculture	630.717	Coussade	poultry	636.544
government	admin.	352	Coutumes	French law	349.442
County			Covariants	higher algebra	512.88
government	Eng. admin.	352.0421	Covenant meetings	pub. wor.	264.8
histories	British	942	Scotch creeds		238.5
U. S.		974-979	Covenanters	relig. hist.	274.1
libraries		027.42	Scot.	"	941.06
Couplings			Covenants for titles	law	347.2
power transmission		621.825	religious creeds		238
railroad engineering		625.25	Coventry plays	Eng. drama	822.12
Coups d'état	pol. sci.	321.094	Cover crop		631.584
Courage	ethics	179.6	Covering		
Courier de Méré, P.L.	Fr. lit.	844.63	protection against frost		632.113
<sup>1</sup> Courland, Russia	hist.	947.4	steam pipe		621.1856
Course			Coverture	law	347.9
length of	college	378.241	Covetousness	ethics	179.8
school		371.253	Cowardis	"	179.6
Courses			Cowley, A.	Eng. poetry	821.46
agricultural, correspond.		630.714	Cowpeas		633.33
extension		630.717	Cowpens, S. C.	Am. revol.	973.3372
in nonagric. sch.		630.716	Cowper, W:	Eng. poetry	821.65
short		630.713	Cowper's glands	anat.	611.627
belt walls		721.25	Cowpox	diseases	616.913
curriculum		375	Cows		
of reading	lib. econ.	028.3	choice of	dairy	637.121
Court			diseases of		619.2
baron	English law	347.99	domestic animals		636.2
etiquet	customs	395	zoology		599.7
fools	"	394.2	Coxae, os	anatomy	611.7181
houses	architecture	725.15	Cozzens, F: S.	Am. humor	817.36
of arbitration		341.1	Crab apple		634.12
claims	U. S. law	347.99	Crabs	fishery	639.5
star chamber	Eng. law	347.99	zoology		595.36
reporting	shorthand	653.046	Cradle	agriculture	631.3513
supreme	U. S. law	347.99	sithe	agriculture	631.3513
university	administration	378.113	songs	folklore	398.8
university	administration	378.113	music		784.4
Courtes-pattes	poultry	636.544	Cramming	examinations	371.27
Courtesy	ethics	177.1	zootechny		636.08456
lib. staff rules		023.96	Cramp	diseases	616.87

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Cranberry	small fruits	634.76		Credit	
	bush "	634.745		and bonds	insurance 368.8
Cranes and elevators	eng.	621.87		institutes	loan instit. 332.31
	hydraulic machinery	621.263		institutions	state control 351.825
Cranial				mobilier	railroads 385
bones	anatomy	611.715			U. S. history 973.82
ganglions	"	611.891		political economy	332.7
nerves	"	611.831		Credo	sacred music 783.22
	physiology	612.819		Credulity	137
sutures	anatomy	611.7141		Creeds	Anglican ritual 264.037
Craniidæ	zoology	594.8			dogmatic theol. 238
Craniology	nat. hist. of man	573.7			public worship 264.5
Cranium	anatomy	611.715		Creek indians	removal 973.55
	base of "	611.7143		Cremaster muscle	anatomy 611.7366
Crannoges	prehist. dwel.	571.83		Cremasteric fascia	" 611.639
Craonnaise swine		636.443		Cremation	
Crashaw, R:	Eng. poetry	821.42		of the ded	customs 393.2
*Crisis	" lang.	421.2			public helth 614.62
Crassulacæ	botany	583.39			garbage san. engin'g 628.44
Craters	seismology	551.21		Crematories	pub. helth 614.62
Crates	Greek filosofers	183.4			san. engin'g 628.44
Crawfish	fishery	639.5		Creole	
	zoology	595.37		French	dialect 447.9
<sup>1</sup> Crawford co. Ill.	history	977.375		Creosoting	bdg materials 691.1
	travels	917.7375		Cress	635.561
<sup>1</sup>	Ind.	history 977.228		Crested turkey	636.59214
<sup>1</sup>	Ia.	" 977.745		Cresting	roofs 721.56
<sup>1</sup>	Mich.	" 977.477		Crests	heraldry 929.8
<sup>1</sup>	Mo.	" 977.862		Cretaceous era	geology 551.77
<sup>1</sup>	O.	" 977.127			fossils paleont. 560
<sup>1</sup>	Pa.	" 974.897		Crete	ancient history 939.18
<sup>1</sup>	Wis.	" 977.574		<sup>1</sup>	modern " 949.98
Crayfish	fishery	639.5		Cretinism	diseases 616.997
	zoology	595.37		<sup>1</sup> Creuse, France	history 944.68
Crayon drawing		741		Creutz, G. F.	Swed. poetry 839.7145
Cream	adulterations	614.324		Crevasse	glaciers 551.31
	dairy	637.148		Crèvecoeur	fowls 636.541
	of tartar adulterations	614.315		Crewel work	art needlewk 746
Creameries	agriculture	637.231		Crib	
Creamometer		637.1276		open	architec. foundations 721.172
Creation	evolution	575		Cribbage	games 795
	metaphysics	113		Cribbing	student life 371.81
	natural theol.	213		Cricket	amusements 797
Creativ power	ment. facul.	155		Cries, battle	war customs 399
Creator	doctrinal theol.	231.1			street folklore 398.5
Crébillon, C.P.J.de, fils	Fr. fic.	843.55		Crime and illiteracy	educ. 379.21
	P.J.de Fr. drama	842.22			law 343
Crèches	institutions	362.7			suffrage disqualificat'n 324.173
Credentials				<sup>1</sup> Crimea	history 947.7
	academic	371.291		Crimean war	English hist. 942.08
	higher	378.2			Russian " 947.07
	electoral	324.243		Crimes and punishments	343.2
	legislativ bodies	328.36		Criminal	
Credibility of Scriptures		220.1		classes	reform. assoc. 364

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Criminal			Crossings, railway eng.	625.16
courts	administration	351.945	Crossopterygii	597.4
<b>law</b>		<b>343</b>	Croton aqueduct engin'g	628.14
	international	341.4	oil toxicology	615.93
trials	criminal law	343.1	Croup	diseases 616.201
Criminals			Crowbar	631.3116
education of		371.93	Crown	
juvenil childstudy		136.763	appointments to legis. bod.	328.3351
<b>law</b>		<b>343</b>	grafting	631.54142
<b>lives</b>		<b>923.41</b>	Crown Point, N. Y.	
Criminology		364	battle	Amer. col. hist 973.26
Crinoidea	zoology	593.91	revol.	973.3314
Crippled	education	371.916	Crowne, J:	Eng. drama 822.43
Crises, commercial	econ	332	Crowning	road engin'g 625.74
Criterion	ethics	171	Crozier	sacred furniture 247.6
Critical philosofy		142	Crucial ligaments	anat. 611.72831
Criticism	art	701	Crucibles	metallurgy 669
	biblical	220.7	prac. chem.	542.232
	dramatic	792	Cruciferae	botany 583.123
	literary	801	Crucifix	sacred furniture 247.9
	musical	780.1	Cruelty	
	rhetoric	808	ethics	179.2
Crittenden compromise		973.712	Great war mil. hist.	940.405
<sup>1</sup> Croatia	history	943.94	international law	341.3
<sup>4</sup> Croatian language		491.83	war customs	399
<b>literature</b>		<b>891.83</b>	Cruisers	naval eng. 623.825
swine		636.473	Cruising	boating 797
Crocheting	dom. econ.	646.27	Crura cerebri	anatomy 611.8154
	fancywork	746	Crural muscle	anat. 611.73822
Crockery	pottery	738	nerv, anterior	" 611.8355
Crocodiles		598.14	of Winslow	" 611.83561
Crofton system	prisons	365	Crus cerebri	" 611.8154
Croisade contre les Albigeois			Crusade, children's	940.185
	Provençal lit.	849.122	Crusades	Europ. history 940.18
<sup>1</sup> Cromarty, Scot.	history	941.15	relig.	" 270.4
Cromlechs	prehis. arch.	571.94	Crusenstolpe, M.J.	Swed. fic. 839.7362
Cromwell, O.	Eng. hist.	942.064	Crushers	agriculture 631.3143
R:	" "	942.065	chem. apparatus	542.22
Crookes tubes	elec. light.	621.3277	hydraulic mach.	621.26
Crookneck squash		635.621	Crushing	mining danger 622.83
<b>Crop farming</b>		<b>633</b>	ore preparation	622.73
farms		631.141	Crust of the earth	geol. 551.13
insurance		638.5	Crusta	anatomy 611.81542
rotation		631.582	Crustacea	paleontology 565.3
<b>Crops</b>	agriculture	<b>633</b>	zoology	<b>595.3</b>
tools for cleaning		631.362	Crustaceans	fisheries 639.5
Croquet		796	Cruz, R. de la	Span. drama 862.43
Cross (G: Eliot)	Eng. fic.	823.88	San J. de la	Span. misc. 868.34
Cross arms	elec. lines	621.319224	Crying	physiology 612.219
Christian symbol		247.9	Cryoscopy	
Cross, legends concerning		398.2	of blood	physiol. 612.11817
system shorthand		653.36	organic fluids	" 612.0144622
Crossbreeding	zootechny	636.08243	solutions	chem. 541.341
Crossing	plant breeding	631.523	urin	physiol. 612.461179

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Cryptogamia</b>	<b>586</b>		
Cryptografic art relig. art	246.5		
Cryptografy secret writ.	652		
<b>Crystallin</b>			
aggregations crystallog.	548.2		
lens anatomy	611.8441		
physiology	612.8441		
limestone	552.46		
state chemistry	541.7		
<b>Crystallization</b>			
practical chemistry	542.65		
strength of materials	620.1125		
<b>Crystallizers</b> prac. chem.	542.65		
<b>Crystallografy</b>	<b>548</b>		
Crystalloids	541.345		
Ctenophora zoology	593.8		
<b>Cuba</b>			
bast fibers	633.59		
filibuster exped. U.S.hist.	973.64		
<sup>1</sup> history	972.91		
Span. misrule U. S. hist.	973.891		
travels	917.291		
Cubature calculus	517.33		
Cubics analytic geometry	516.59		
modern "	513.59		
Cubital nerv anatomy	611.8336		
Cuboid bone "	611.71875		
Cuboidcuneiform joints "	611.72855		
Cucumbers	635.63		
Cucurbitaceæ botany	583.461		
Cuffs toilet	646.48		
Culdees religious history	274.1		
Cultivated plants horticult.	716		
Cultivating tillage	631.516		
<b>Cultivation</b>			
land geog. distribution	631.09		
rent for	333.5		
<b>Cultivators</b> farm machinery	631.316		
plants agriculture	631.54		
Cults, religious cookery	641.567		
Culture	301		
Culture and religion	261.6		
self education	374		
vocal	784.9		
Culverins ordnance	623.4211		
<b>Culverts</b>			
railway engin'g	625.13		
Cumberland, R: Eng. dram.	822.65		
<sup>1</sup> Cumberland, Md. history	975.295		
<sup>1</sup> co. Eng. "	942.85		
<sup>1</sup> Ill. "	977.373		
travels	917.7373		
<sup>1</sup> Me.history	974.19		
<sup>1</sup> N. J. "	974.994		
		<sup>1</sup> Cumberland, N. S. hist.	971.611
		<sup>1</sup> Pa. "	974.843
		army of U. S. hist.	973.7416
		presbyterians sects	285.3
		sheep	636.3253
		swine	636.4243
		<b>Cumulativ</b>	
		vote suffrage	324.223
		<b>Cuneatus, fasciculus</b> anat.	611.8182
		<b>Cuneiform</b>	
		ankle bones anatomy	611.71878
		inscriptions	492.1917
		<sup>4</sup> language	492.19
		wrist bones anatomy	611.71773
		<b>Cuneus</b> anatomy	611.81317
		<b>Cunningham</b> cattle	636.2253
		<b>Cupboards</b> dom. economy	643.48
		<b>Cupel</b> prac. chemistry	542.42
		Cupola furnace " "	542.42
		<b>Cupping</b> therapeutics	615.811
		<b>Cups</b> bronze age	571.37
		stone "	571.27
		<b>Cupuliferæ</b> botany	583.976
		<b>Curare</b> poisons physiol.	612.8171
		toxicol.	615.97
		<b>Curativ</b> electricity therap.	615.84
		gymnastics "	615.82
		<b>Curbs</b> road engin'g	625.888
		<b>Curd</b> mils cheesemaking	637.3322
		<b>Curdling</b> cheesemaking	637.3331
		<b>Cures, miraculous</b> miracles	231.7
		therapeutics	615.85
		<b>Curia regis</b>	347.99
		<b>Curing</b>	
		food preserv. chem. tech.	664.8
		dom. econ.	641.4
		<b>Curiosa</b> books	099
		library economy	020.88
		<b>Curiosity</b>	137
		<b>Curling</b> amusements	796
		<b>Curly bristled swine</b>	636.471
		<b>Currants</b>	634.721
		<b>Currency</b> banking	332.5
		<b>Current</b> collecting devices	621.3344
		suspension wheels	621.234
		<b>Currents</b>	
		atmospheric phys. geog.	551.51
		electric physics	537.6
		oceanic phys. geog.	551.47
		<b>Curriculum</b>	375
		<b>Cursores</b> birds	598.5
		<b>Curtains</b> dom. economy	645.3
		fortifications	623.116

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Curtesy ethics	177.1	Cutting machinery	621.93
lib. econ.	023.96	of stone masonry	693.12
Curtis, G: W: Amer. essays	814.37	Cuttings	631.535
Curtius Rufus, Quintus	878.8	Cuttle fish	594.5
Curv tracing calculus	517.24	Cutworms agric. pests	632.78
Curvature		<sup>1</sup> Cuyahoga co. O. history	977.131
geology	551.82	Cyane, capture of U. S. hist.	973.5257
of spine diseases	616.73	Cyanids chem. tech.	661.7
stomach, greater anat.	611.335	narcot. poisons	615.963
lesser "	611.336	Cyanogen organ. chem.	547.1
Curvd surfaces anal. geom.	516.4	Cycadaceæ botany	585.9
theory of calculus	517.26	Cyclades ancient history	939.15
Curvembryæ botany	583.91	<sup>1</sup> modern "	949.95
Curvilinear motion physics	531.3	Cyclanthaceæ botany	584.62
Curvs		Cycles, motor engin'g	629.2
analytic geometry	516.2	Cycling	796
geometry	513.2	Cycloidal curvs anal. geom.	516.26
of double curvature		Cyclones meteorology	551.55
modern anal. geom.	516.58	Cyclopean remains Gk arch.	722.8
geom.	513.58	<b>Cyclopedias, general</b>	030
plane, theory of calculus	517.24	<sup>2</sup> special, see subject	
railway engineering	625.11	Cyclops zoology	595.31
roadmaking	625.72	Cyclostomi "	597.2
Cushions dom. economy	645.47	Cylinder	
Custard apple	634.415	axis histology	611.01883
family agric.	634.41	bridge engineering	624.4
Custom houses architect.	725.14	Cylinders	
Customs		foundations architect.	721.172
and duties tariff	337	solid geometry	513.43
manners	390	graduated prac. chem.	542.35
bad social hygiene	613.87	perspectiv	515.65
of primitiv man	571	steam locomotiv	621.1341
war	399	strength of materials	620.11283
student life	371.89	Cylindric	
taxation	336.26	perspectiv descr. geom.	515.62
Cutaneous		projections " "	515.57
absorption physiology	612.384	vaults architecture	721.43
diseases pathology	616.5	Cymbals mus. instrum.	789.2
glands physiology	612.792	<b>Cymric group of languages</b>	491.65
nerv of neck anatomy	611.83333	<sup>4</sup> language	491.66
thigh "	611.83544	<sup>5</sup> literature	891.66
respiration physiology	612.793	Cynewulf Ang. Sax. poet.	829.4
secretion "	612.792	Cynic philosophy	183.4
sensibility "	612.794	Cynicism	137
Cutaneous surae lateralis	611.83582	Cyperaceæ botany	584.84
Cuticle anatomy	611.771	Cypher writing	652
Cutis vera "	611.778	Cyphomandra	634.7761
Cutlery manufacture	672	Cypriote architecture	722.3
Cuts practical printing	655.32	Cyprus ancient history	939.37
railway engineering	625.12	<sup>1</sup> modern "	956.4
Cutter, stalk	631.3166	Cyrano de Bergerac, S.	843.46
Cutters, ensilage	631.363	Cyrenaic philosophy	183.5
weed	631.3155	Cyrenaica ancient history	939.75
Cutting benches	631.335		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Cystic			D hoe	631.3152
artery	anatomy	611.13641	Da caccia	wind instrum. 788.7
duct	"	611.366	Dacia	ancient history 939.82
nervs	"	611.8393	Dacites	lithology 552.26
vein	"	611.1495	<sup>1</sup> Dade co. Mo.	history 977.8745
Cysts	diseases	616.993	Daguerreotype	772
Cytinaceæ	botany	583.923	Dahlstjerna, G.E.	839.7135
Cytisin	organ. chem.	547.25	<sup>1</sup> Dahna, Arabia	history 953.7
<b>Cytology</b>	<b>anatomy</b>	<b>611.0181</b>	<sup>1</sup> Dahomey, Africa	" 966.8
	biology	576.3	Dairies	architecture 728.96
<sup>1</sup> Czechoslovakia	history	943.7	Dairy	
			buildings	637.131
			cattle	dairying 637.121
				Belgian 636.245
				Dutch 636.235
				English 636.224
				French 636.244
				German 636.23
				Irish 636.225
				Scotch 636.225
			farming	637
			farms	637.113
			products	adulteration 614.32
				chem. anal. 543.2
			Dais	architec. accessories 729.9
			<sup>1</sup> Dakota, U. S.	history 978.3
				travel 917.83
			Dalin, Olof von	839.7142
			<sup>1</sup> Dallas co. Ia.	history 977.754
			<sup>1</sup> Mo.	" 977.881
			<sup>1</sup> Dalmatia, Ger.	history 943.69
				travel 914.369
			Daltonism	eye diseases 617.75
				physiology 612.8455
			Damascus	anc. history 939.42
			<sup>1</sup>	modern " 956.9
				travel 915.69
			Damnation	doct. theol. 237.6
			D'amore	wind instrum. 788.7
			Dampers	steam engin'g 621.18382
			Dams	mill engineering 621.29
				mining " 622.56
				river " 627.8
			Dana, R: H:	Am. poetry 811.27
			Dance form	piano music 786.45
				music modern " 786.46
				of deth emblems 246.5
			Dances, war	customs 399
			Dancing	amusements 793
				customs 394.3
				ethics 175.3
			Dandelion	635.46
			Dandy fever	616.921
			<sup>1</sup> Dane co. Wis.	history 977.583

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Danes English history 942.01  
 in Eng. and Normandy 948.02  
 Dangerous classes 364  
 Dangers  
   **mining engineering** 622.8  
   to lib. bildings 022.29  
   **life protection agst** 614.8  
   workmen polit. econ. 331.82  
 Dangleberry 634.731  
 Daniel Bible 224.5  
 Daniel, S: Eng. poetry 821.33  
 Danish  
   architec. Romanesque 723.48  
   cattle 636.2356  
   England Eng. hist. 942.01  
   iland swine 636.434  
   merinos 636.3678  
 Danish  
   <sup>4</sup> language 439.8  
   <sup>5</sup> literature 839.8  
 Dante Alighieri Ital. poet 851.15  
<sup>1</sup>Dantzig history 943.12  
   travel 914.312  
 Danube river travels 914.96  
<sup>1</sup>Danubian prov. history 949.6  
   travels 914.96  
<sup>1</sup>Danville, Ill. history 977.365  
 Daphnales botany 583.93  
 Darbar social customs 394.4  
 Darbyites sects 289.9  
 Darc, Jeanne Fr. history 944.026  
<sup>1</sup>Darfur, Egypt history 962.7  
 Darien  
   expedition colonies 325.86  
   emigrants 325.241  
   foren trade 382  
<sup>1</sup> isthmus history 986  
   ship canal engineering 626.9  
 Dark ages Europ. hist. 940.1  
   room lib. bildings 022.658  
<sup>1</sup>Darke co. O. history 977.147  
 Darling, Ft. Va. U.S. hist. 973.7365  
 Darning dom. econ. 646.24  
 Dartmoor  
   pony 636.1625  
   prison U. S. war 1812 973.5271  
   sheep 636.3262  
 Dartos anatomy 611.6384  
 Darwinism biology 575  
   physiology 612.609  
 Dass, Peder Dan. poetry 839.8135  
 Date  
   of session legislativ bodies 328.352  
   palm fruit culture 634.62  
 Dates chronology 902  
 Dati, Carlo Ital. essays 854.54  
 Datisceæ botany 583.469  
 Dativ case syntax Greek 485.5  
   Latin 475.5  
<sup>8</sup> other lang.  
 Daudet, Alphonse Fr. fic. 843.88  
 Daughters  
   1776-1812, soc. of U. S. 369.142  
   colonial, of 17th century 369.128  
   of the Amer. revolution 369.135  
   Cincinnati, soc. 369.132  
   confederacy 369.175  
   revolution 369.136  
<sup>1</sup>Dauphin co. Pa. history 974.818  
<sup>1</sup>Dauphiny, France hist. 944.96  
   travel 914.406  
 Daurat, Jean Fr. poetry 841.31  
 Davanzati, B. Ital. essays 854.44  
 Davenant, W: Eng. dram. 822.41  
<sup>1</sup>Davenport, Ia. history 977.7691  
 Davies, J: Eng. poetry 821.35  
<sup>1</sup>Davies co. Ind. history 977.238  
<sup>1</sup> Mo. " 977.818  
 Davis, John discov. of Am. 973.17  
<sup>1</sup>Davis co. Ia history 977.797  
<sup>1</sup>Dawson, Yukon " 971.21  
 Day  
   nurseries 362.7  
   of judgment doc. theol. 236.9  
   schools intermed. educ. 373.2  
   sidereal and solar 529.1  
   time of hygiene 613.13  
   working pol. econ. 331.811  
 Days  
   library rules for readers 024.4  
   market dom. econ. 641.4  
   of the year chronology 529.2  
   week, names 529.2  
   recipes for special 641.566  
<sup>1</sup>Dayton, O history 977.173  
 Deacon eccles. polity 262.15  
 Deaconess " " 262.15  
   religious orders 271.99  
 Dead sea travel 915.69  
   see also Ded  
 Deaf, *see* Def  
<sup>1</sup>Dearborn co. Ind. hist. 977.211  
 Death, *see* Deth  
 Debates parliamentary 328  
   rhetoric 808.5  
 Debating soc. self-culture 374.24  
 Debility diseases 616.986  
 Debt, debtor, debts, *see*  
   Det, dettor, dets  
 Decalog Bible 222.16

Decantation	prac. chem.	542.66	Ded		
Decapitation	physiology	612.8227	disposal of the	pub. health	614.6
	punishments	343.2	list of	Great war	940.467
Decapods	zoology	595.38		U. S. civ. war	973.767
<sup>1</sup> Decatur, Ill.	history	977.358	ministry of	sacraments	265.8
	travels	917.7358	sea	description	915.69
<sup>1</sup>	co. Ind	history	transportation of		614.63
<sup>1</sup>	Ia.	"	treatment of the		393
Decay of rocks	lithol.	552.7	Dedication	church ordin.	265.9
Deccan hemp	fibers	633.563		sermons	252.7
Decidua	pregnancy	618.35	Deduction by Bessel	geod.	526.47
Decimal			Puissant "		526.48
system	arithmetic	511.1	mental faculties		153.6
	weights and mesures	389	Deductions		
Decipium	inorgan. chem.	546.692	wage	pol. econ.	331.1
Decision of character	eth.	170	Deductiv	logic	162
Decisions of juries	math.	519.3	Deeds	law	347.2
Decks			Deep		
shipbuilding		623.84	boring	mining eng.	622.24
Declamation	rhetoric	808.5	sea dredging	scien. voy.	508.3
Declaration			life	botany	581.92
of independence	U. S.	973.313	zoology		591.92
Savoy	creeds	238.5	sounding	scien. voy.	508.3
war	internat. law	341.3	soil	culture	631.586
Declarations	law	347.92	veins of upper	extrem.	611.14541
Declension of nouns	Eng.	425.15	Deer	domestic animals	636.294
<sup>3</sup>	other lang.		zoology		599.7
Declination, variations of		521.27	stalking	sports	799
Decline, period of	physiol.	612.67	Def and dumb		
Decoction	prac. chem.	542.61	asylums	architecture	725.54
Decomposition, chem. of		541.39	child	study	136.7612
Decoration			education of		371.912
architectural		729	institutions		362.4
day	U. S. history	973.76	Defacement		
schools		371.365	of books	lib. rules	024.81
design		740	laws		021.89
domestic economy		645	Defamation	law	347.5
in relief	architecture	729.5	Defecation	physiology	612.365
interior		747	Defectives		
library bildings		022.34	education		371.9
roof	architecture	721.56	psychology		136.76
school bildings		371.635	Defects of body		
Decorations			congenital	hygiene	613.91
heraldry		929.7	surgery		617.3
presentations	Great war	940.464	teratology		611.012
table	dom. econ.	642.8	Defense		
Decorativ art		740	means of	comp. physiol.	612.016
Decorum	ethics	177.1	of religion	apologetics	239
libraries		024.52	Defenses	fortifications	623.1
Decreases	ecclesias. polity	262.6	Defensiv operations	mil.	623.3
Decretals	"	262.6	Deferential artery	anat.	611.13772
	Rom. cath. church	282	<sup>1</sup> Defiance	co. O. history	977.114
Ded			Defilading	fortifications	623.114
animals	air pollution	614.763			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Definit integrals calculus 517.32  
 Definitions library 020.14  
     of orbits astr. 521.31  
 Deflections of beams, etc. 624.2  
 Deflegmators prac. chem. 542.48  
 Defness diseases 617.8  
     tone physiol. 612.85874  
 De Foe, D. Eng. fiction 823.51  
 Deformation engin'g 620.1123  
 Deformd poultry 636.5882  
 Deformities anatomy 611.012  
     surgery 617.3  
 Degeneration  
     evolution 575.7  
     muscular 612.7465  
     of nervs physiology 612.81851  
         optic nerv " 612.84378  
         spinal cord " 612.835  
     toxic, of nerv cells " 612.82256  
 Deglutition  
     digestion 612.312  
     effect of facial nerv on 612.81975  
     larynx in 612.785  
 Degradation mil. science 355.114  
 Degrading school organiza. 371.28  
 Degrees, academic 378.2  
     medical pub. helth 614.21  
 Deism natural theology 211  
 Deists apologetics 239.5  
 Deity doctrinal theology 231  
<sup>1</sup>Dekalb co. Ill. history 977.328  
<sup>1</sup>    Ind. " 977.277  
<sup>1</sup>    Mo. " 977.815  
 Deken, Agatha Dutch fic. 839.3342  
 Delaine sheep 636.3682  
 Delany multiplex telegraf 621.38236  
     telepost telegraf 621.38247  
 Delavigne, J. F. C. Fr. dram. 842.72  
     poet. 841.72  
<sup>1</sup>Delaware, U. S. history 975.1  
     For military history, see sub-  
     divisions of Special campaigns  
     and Military history under  
     973.3, 973.52, 973.7 and  
     973.89  
<sup>1</sup>Delaware co. Ind. hist. 977.265  
<sup>1</sup>    Ia. " 977.7385  
<sup>1</sup>    N. Y. " 974.736  
<sup>1</sup>    O. " 977.1535  
<sup>1</sup>    Pa. " 974.814  
     forts on Am. revol. 973.3337  
<sup>1</sup>Delhi history 954.5  
     travels 915.45  
 Delille, J. French poetry 841.54  
 Delineation  
     of child in art childstudy 136.757  
         literature 136.758  
     women in art 396.7  
         literature 396.8  
 Delinquencies lib. loans 024.63  
 Delinquents  
     education 371.93  
     institutions 364  
     psychology 136.763  
 Delirium tremens pathol. 616.861  
 Delisle's method astron. 523.93  
 Deliveries lib. econ. 021.61  
 Delivery stations lib. bldgs 022.16  
<sup>1</sup>Del Norte co. Cal. hist. 979.411  
 Delta connections elec. 621.3191332  
<sup>1</sup>    co. Mich. history 977.494  
 Deltas physical geograpy 551.48  
 Deltoid muscle anatomy 611.73711  
 Deluge Genesis 222.11  
     geologic agents 551.92  
 Delusions 133  
 Demagogy politics 329  
 Demand and supply prices 338.5  
     wages 331.2  
 Dementia 132.1  
<sup>1</sup>Demerara history 988  
     travels 918.8  
 Demisang horse 636.144  
 Democracy form of state 321.4  
     social 335.5  
 Democratic party 329.3  
 Democritus Gk filosofers 182.7  
 Demograpy statistics 311  
 Demolition devices mil. 623.27  
 Demonetization 332.47  
 Démoniac possession theol. 235  
 Demonology dogmatics 235  
     witchcraft 133.4  
 Demosthenes Gk oratory 885.6  
 Demulcents therapeutics 615.735  
 Demurrage transportation 656  
<sup>1</sup>Denbigh, Wales history 942.93  
 Dendrites histology 611.018837  
 Dendrology botany 582  
 Dengue diseases 616.921  
 Denials, special apolet. 239.9  
 Denina, Carlo Ital. essays 854.62  
 Denmark administration 354.489  
     antiquities 913.489  
     architecture 720.9489  
     botany 581.9489  
     colleges 378.489  
     constitu. law 342.489

Denmark	education	370.9489	Depositions	evidence	347.94
	finance	336.489	Deposits	thick, working of	min. 622.35
	geology	554.89	Depravity	natural theol.	216
	history	948.9		pessimism	149.6
	laws	349.489		total theol.	233.2
	maps	912.489	Depressants		
	religious history	274.89		circulatory therapeutics	615.716
	schools, public	379.489		nervous	" 615.786
	statistics	314.89	Depressions		
	travel	914.89		trade commerce	381
	treaties	341.2489		money	332
	zoology	591.9489		production	338
	other topics see table 1		Depressor	alae nasi anat.	611.7323
Dennis, J:	Eng. drama	822.51		labii inferioris	611.7326
Denominations, Christian		280		nerv. physiol.	612.1787
Density			Depth of sewers		628.218
	gravity	531.54	De Quincey, T:	Eng. essays	824.81
	of blood physiology	612.121	Derangement, mental		132
	earth astronomy	525.12	<sup>1</sup> Derby, England	history	942.51
	urin physiology	612.46112	Derbyshire sheep		636.3261
<sup>1</sup> Dent co. Mo.	history	977.886	Derivation		
Dental				of words comp. philol.	412
	inspection school hyg.	371.712		Eng. language	422
	periosteum, diseases of	617.63	Dermal		
	pulp, diseases of	617.61		respiration zoology	591.122
Dentate nuclei	anatomy	611.81713		physiology	612.793
Dentatum	"	611.81713	Dermatology	anatomy	611.77
Dentine diseases	dentistry	617.62		animals	591.49
Dentistry		617.6		pathology	616.5
Dentists, registration of		614.24		physiology	612.79
Denudation	geology	551.3	Dermis	anatomy	611.778
Deodorants	exter. thera.	615.777	Dermoskeleton	comp. anat.	591.49
Deodorization of sewage		628.32		descrip. "	591.79
Deodorizers	contag. dis.	614.482	Deroulède, P.	Fr. poetry	841.86
Deontology		170	Derricks	engineering	621.872
Department			Dervishes		297
	stores bus. methods	658	Désaugiers, M: A.M.	Fr. lit.	841.65
Departmental			Descartes	empiricism	144
	commission Fr. loc. gov.	352.0443		Fr. philosophy	194.1
Departments	" " "	352.0441	Descent	genealogy	929
	lib. admin.	025		of man evolu.	575.8
	U. S. gov.	353.04		rules of law	347.6
Dependent pension bill	U. S.	973.85	Deschamps, Emile	Fr. poet.	841.73
	states pol. sci.	321.025		Eustache " sat.	847.13
Dependents	child study	136.767	Deschanel	French hist.	944.08
	education	371.947	Desclot, B.	Catalan misc.	849.9812
	institutions	362.7	Description	travel	910
Dephlegmators	prac. chem.	542.48		stock farms	636.08131
Depolarized cells	elec. eng.	621.3536	Descriptiv		
Depolarizers	" "	621.3524		anatomy botany	581.7
Deposit				man	611
	of duplicates lib. econ.	025.269		zoology	591.7
	money by reader	024.14		astronomy	523
Deposition	geology	551.3		geometry	515

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Desertion from mil. servis 355.114  
 Deserts physical geograpy 551.58  
     reclamation 631.617  
 Deshoulières, A. Fr. poet 841.46  
 Design  
     architectural 729  
     arguments from  
       apologetics 239  
       natural theology 211  
     arts of 740  
     elementary education 372.52  
     metaphysics 124  
     of library bildings 022.34  
     shipbilding 623.81  
 Designing decoration 745  
 Designs engineering 620.04  
     mosaic architec. 729.7  
 Desk fittings lib. econ. 022.99  
 Desks domestic econ. 645.44  
     library " 022.913  
     offis equipment 651  
 Desmidiaceæ algæ 589.61  
<sup>1</sup>Des Moines city, Ia. \*hist. 977.7581  
     "    co. " " 977.796  
 Desperriers, B. Fr. fiction 843.32  
 Desportes, P. poetry 841.38  
 Despotism form of state 321.6  
 Despois Italian history 945.05  
 Despouirins, C. Prov. poet. 849.142  
 Dessication prac. chem. 542.48  
 Destouches, P. N. Fr. dram. 842.53  
 Destruction  
     elemental agriculture 632.1  
 Destructors san. engin'g 628.44  
 Det  
     ethics 174.7  
     floating pol. econ. 336.32  
     local government 352.1  
     public 336.3  
 Detacht city houses archi. 728.3  
     vowels shorthand 653.01  
 Detection of fire prot. of life 614.842  
 Detectivis 352.2  
 Deterioration  
     fertilizers agric. 631.814  
 Determinants algebra 512.83  
 Determination  
     of earth's figure 526.1  
     orbits astron. 521.3  
     rock minerals 552.81  
 Determinations, astr. geod. 526.6  
 Determinativ mineralogy 549.1

Determinism doc. theol. 234.9  
     philosofy 159  
 Deth  
     after delivery obstetrics 618.79  
     and resurrection 236  
     biology 577.7  
     by electric shock physiol. 612.014425  
     dance of emblems 246.5  
     from cold physiology 612.592  
     heat " 612.591  
     nature of 612.013  
     of fetus pregnancy 618.33  
     penalty criminal law 343.2  
     physiology 612.67  
     rates public helth 614.12  
     theology 236.1  
 Deths public helth 614.12  
     registers of 929.3  
     registration, official 352.4  
     statistics 312  
 Detonators  
     projectil chem. tech. 662.4  
     mil. engin'g 623.45424  
 Detritus geology 552.51  
<sup>1</sup>Detroit, Mich. history 977.434  
     surrender U.S. hist. 973.5231  
 Dets, state and national 336.4-9  
 Dettmann shorthand 653.34  
 Dettor and creditor law 347.7  
 Deuteronomy Bible 222.15  
<sup>4</sup>Deutsch, Platt language 439.4  
     literature 839.4  
<sup>1</sup>Deux Sèvres, Fr. history 944.62  
 Developing interest in lib. 021.7  
     method teach'g 371.34  
 Development  
     incomplete deformities 617.31  
     intellectual, and church 261.5  
     nutrition 591.135  
     of embryo, abnor. anat. 611.012  
     surg. 617.3  
     anatomy 611.013  
     physiology 612.64  
     zoology 591.33  
     germ-cells zoology 591.172  
     sperm-cells embryol. 611.01312  
     zoology 591.171  
     period of full physiol. 612.66  
     physiology 612.6  
     projections geodesy 526.83  
     theory apologetics 239.8  
     evolution 575.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Deviation of		
compass magnetism	538.7	
falling bodies astron.	525.37	
Devices, safety, <i>see</i> Safety		
special, perspectiv	515.68	
Devil, personal theology	235	
worship	290	
Deville		
gas apparatus chem.	542.72	
gasometers chem.	542.75	
Devils dogmatics	235	
<sup>1</sup> Devon, England history	942.35	
travel	914.235	
cattle	636.226	
longwool sheep	636.3217	
Devonian age of geology	551.74	
fossils paleon.	560	
Devotional		
exercises pub. worship	264.1	
sermons	252.4	
theology	240	
Dew meteorology	551.57	
Dewberry	634.717	
<sup>1</sup> Dewitt co. Ill. history	977.358	
Dexter shorthorn cattle	636.2256	
Dextrins physiology	612.39612	
Dextrose chem. technol.	664.1	
Diabase lithology	552.34	
Diabetes diseases	616.63	
experimental	612.35213	
urin in physiol.	612.46621	
Diabolism doctrin	235	
Diabolo game of skill	794	
Diacele anatomy	611.8148	
Diafram	611.26	
physiology	612.2171	
Diaframic artery anat.	611.1354	
glands	611.4641	
Diaframs elec. engin'g	621.3523	
Diagnosis of pregnancy	618.22	
pathology	616.07	
Diagram of work physics	531.42	
Dial switches elec. eng.	621.31733	
telegrafs communica.	654.3	
elec. eng.	621.38223	
Dialectics logic	160	
<sup>2</sup> Dialects Eng. language	427	
literature		
Dialing	529.78	
Dialogs entertainments	793	
Dials chronology	529.78	
Dialysis practical chem.	542.64	
qualitativ anal.	544.5	
Diamagnetism magnetism	538.4	
Diameter of earth	525.13	
Diamonds econ. geology	553.8	
mineralogy	549.2	
Diapedesis physiology	612.1124	
Diapensiaceæ botany	583.65	
Diaphoretics therapeutics	615.743	
Diaphragm, <i>see</i> Diafram		
<sup>1</sup> Diarbekr, Asiat. Tur. hist.	956.6	
Diaries biography	920	
Diarrhea, epidemic diseases.	616.934	
pathology	616.34	
public helth	614.517	
Diarrheal diseases		
pub. helth	614.513	
Diarthrosis anatomy	611.7296	
Diastase materia medica	615.35	
Diastole physiology	612.171	
Diatessaron harm. of gosp.	226.1	
Diathermancy heat	536.35	
Diatomaceous earth, petrog.	552.57	
Diatoms	589.61	
Diazo-bodies org. chem.	547.8	
Dibber farm tools	631.3112	
Dibble	631.3112	
Dice ethics	175.5	
games	795	
Dickens, C: Eng. fiction	823.83	
<sup>1</sup> Dickinson co. Ia. history	977.712	
Mich. "	977.495	
Dicotyledonæ botany	583	
Dictation machines	651	
Dictatorship	321.6	
<sup>2</sup> Dictionaries Eng. lang.	423	
of quotations Eng. lit.	828	
special, <i>see</i> subject		
Dictionary catalogs		
bibliography	019	
library admin.	025.3	
Didactic poetry Am. lit.	811.05	
Eng. "	821.05	
theology	241	
Didactics education	371	
Diderot Fr. philosophers	194.5	
Didymium metals	546.64	
Dielectrics dynamic elec.	537.5	
Diencefal anatomy	611.814	
Diencephalon	611.814	
Dies electric engin'g	621.318	
mech. "	621.984	
Diesel motor gas engines	621.436	
Diesinking	736	
Diet circle Ger. loc. gov.	352.0433	
hygiene	613.2	
Dietaries hygiene	613.21	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Dietetic diseases pathol.	616.39	Digitalis materia medica	615.32381
Dietetics hygiene	613.2	stimulants	615.711
Differences, finite calculus	517.6	Digits, extra deformities	617.36
of triangles trigo.	514.8	Dignities heraldry	929.7
Differential		Dignity of	
calculus	517.2	labor polit. econ.	331.013
equations calculus	517.38	Dikes engineering	627.4
variations astron.	522.74	geology	551.88
Differentiation degrees	378.243	reclamation	631.64
evolution	575.2	Dil garden crops	635.74
Diffraction acoustics	534.2	Dilatation gases	533.2
optics	535.4	obstet. oper.	618.84
Diffuse affections of skin	616.51	Dilatores nasi anatomy	611.7323
Diffusion		Diligence ethics	179.9
of gases physics	533.1	Dilleniaceæ botany	583.112
physiology of absorption	612.383	Diluvial deposits geology	551.35
practical chemistry	542.63	Dimension, fourth geom.	513.8
theoretic "	541.341	stone foundat.	721.1332
Diphtheria diseases	616.931	Dimensions of earth	525.13
pub. helth	614.512	lib. bkcases	022.442
Diphthongs Eng. lang.	421.2	sun	523.71
Digastric muscles anat.	611.7341	<sup>3</sup> Diminutivs Lat. etymol.	472.5
<sup>1</sup> Digby co. N. S. history	971.632	Dimorphism crystallog.	548.3
Digestion		Dingley tariff act U.S.hist.	973.88
aids to therapeutics	615.734	Dining	
animals	591.132	car cookery	641.576
effects of spleen phys.	612.4141	domestic economy	642
history of "	612.309	room dom. econ.	643.4
human physiology	612.3	furnish'g " "	645.66
influence of vagus phys.	612.819913	Dinka sheep	636.386
intestinal	612.332	Dinner parties dom. econ.	642.42
of milk "	612.6647	recipes " "	641.54
plants	581.132	Dinners, family " "	642.1
practical chemistry	542.61	public " "	642.45
theories of physiology	612.301	Dinocerata paleontology	569.7
tryptic "	612.342	Dinosauria reptils	598.19
Digestiv		Diocesan schools educa.	377.4
secretion in animals	591.143	Diocese ecclesiastic polity	262.3
system anatomy	611.3	Diodorus Greek philos.	183.6
diseases of	616.3	Diogenes " "	183.4
drugs acting on	615.73	Diophantin anal. algebra	512.23
surg. operations	617.43	Dioptrics optics	535.3
tract, absorp. in physiol.	612.386	Diorite lithology	552.36
sympathet. system	612.898	Dioscoreaceæ botany	584.27
Digesta		Dip of rocks geology	551.85
of cases, Amer. law	345.5	Diphenyl group org. chem.	547.27
Eng. "	346.5	Diphtheria diseases	616.931
statutes, Amer. "	345.3	public helth	614.512
Eng. "	346.3	<sup>3</sup> Diphthongs Eng. lang.	421.2
Digging tillage	631.511	Diplomacy	327
plow	631.3126	internat. law	341.7
tools	631.311	Diplomas school records	371.291
Digitalis cerebro-card. pois.	615.99	Diplomatic history	
diuretics	615.761	Great war 1914-19	940.32

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Diplomatic history					
<b>United States civil war</b>	<b>973.72</b>				
Mex. "	973.622				
<b>revolution</b>	<b>973.32</b>				
Span. war	973.892				
war of 1812	973.522				
<sup>3</sup> Diplomatics	Eng. lang.	421.7			
	paleografy	417			
Diplopia	physiology	612.8468			
Dippers	baptist sect	286.5			
	birds	598.8			
Dipropargyl	org. chem.	547.24			
Dipsacæ	botany	583.541			
Dipsomania					
mental derangements		132.7			
<b>temperance</b>		<b>178</b>			
Diptera	insects	595.77			
	pests	632.77			
Dipterocarpeæ	botany	583.167			
Direct					
current arc light elec.eng.		621.32552			
<b>machin.</b>	" "	<b>621.3132</b>			
<b>systems</b>	" "	<b>621.319122</b>			
trac.lines	" "	621.33142			
expansion refrigeration		621.5652			
<b>legislation polit. science</b>		<b>328.26</b>			
mandate legis. restriction		328.349			
primaries suffrage		324.237			
probabilities mathem.		519.1			
<b>taxation polit. econ.</b>		<b>336.21</b>			
vote election methods		328.3355			
Direction					
calculus of anal. geom.		516.8			
sense of physiology		612.8861			
Directions, method of, geod.		526.54			
Directories		914-919			
legislativ, official		328.338			
unofficial		328.339			
newspaper		016.07			
Directors	library gov't	023.3			
Directory, 1795-99, Fr. hist.		944.045			
Dirigible					
<b>aircraft aeronautics</b>		<b>629.154</b>			
torpedoes naval engin'g		623.95			
Dirt roads engineering		625.74			
<b>Disabilities, polit. suffrage</b>		<b>324.17</b>			
Disability, inherited mental		613.92			
Disaccharids physiology		612.39614			
Disappearing mounts ordn.		623.4333			
Disarmament arbitration		341.6			
Disasters aeronautics		629.145			
at sea adventures		910.4			
navigation		656			
Disc stresses steam turbins		621.16514			
Discharge					
from military servis		355.114			
of pupils school gov't		371.56			
sewage into sea		628.39			
teachers		371.142			
wastes into streams		628.541			
water engin'g		627.1			
Disciples of Christ sects		286.6			
	biog.	922.6			
Disciplin					
civil servis		351.4			
ecclesiastic polity		262.9			
<b>education</b>		<b>371.5</b>			
legislativ bodies		328.366			
mental education		370.1			
military milit. science		355.13			
prison		365			
shop pol. econ.		331.1			
Disciplinary					
offisers college & univ.		378.113			
<b>penalties school gov't</b>		<b>371.54</b>			
personnel " "		371.57			
power admin.		351.92			
Discomycetes	botany	589.233			
Discophora	zoology	593.77			
Discount	banking	332.8			
Discounts lib. bookbuying		025.222			
Discourses	<b>theology</b>	<b>252</b>			
<sup>3</sup>	see subject				
Discoverers	biografy	923.9			
Discoveries	<b>geografy</b>	<b>910</b>			
	science, hist.	509			
	useful arts	608			
Discovery					
art of					
day school observance		371.365			
of America U.S.hist.		973.1			
Canada history		971.011			
territorial pol. sci.		320.1261			
Discriminants	algebra	512.85			
Discs	steam turbins	621.16534			
Discussion, freedom of		323.443			
Disease					
bile in physiology		612.35766			
gastric juice in "		612.3265			
germs medicin		616.01			
hart in physiology		612.176			
leucocytes in "		612.1126			
myografy in "		612.74116			
nitrogen metab. in "		612.461236			
pulse in "		612.166			
ration in "		612.3956			
red corpuscles in "		612.1116			
respiratory exch. in "		612.226			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Disease			Disk	
temperature in physiol.	612.556		cultivator	631.3165
uric acid in	"	612.466256	harrow	631.3136
urin in	"	612.4662	pile foundations architec.	721.153
vasomotors in physiology	612.186		plow	631.3128
Diseased meat poisons	615.94		rollers	631.3142
Diseases			Dislocations	geology 551.87
<b>animals</b> veter. med.	619		surgery	617.16
zoology	591.2		Disorders of vision eye dis.	617.75
bacterial agriculture	632.3		Dispensaries institutions	362.1
zootechny	636.0896		pharmacy	615.4
<b>classification of nosology</b>	616.01		Dispensations absolution	265.6
communicable to man			Dispensatories mater. med.	615.12
anim. hyg.	614.93		Dispersion optics	535.4
pub. helth	614.56		Displacement	
contagious	"	614.4	of molecules physics	539.5
of dom. animals	614.91		parts deformities	617.38
<b>special pub. helth</b>	614.5		of water shipbilding	623.81
inherited hygiene	613.93		Display in printing	655.25
<b>mental medicin</b>	616.8		social ethics	177.4
mind and body	132		Disposal of	
mortality pub. helth	614.147		<b>sewage san. engin'g</b>	628.3
of butter dairy	637.26		<b>the ded pub. helth</b>	614.6
children medicin	618.9		<b>wastes san. engin'g'</b>	628.54
ear surgery	617.8		Disproportionate growth	617.37
eye surgery	617.7		Disputations religion	204
milk dairy	637.16		<sup>2</sup>	see subject
plants agriculture	632		Disraeli, B: Eng. fiction	823.86
botany	581.21		Dissection <b>anat. animal</b>	591.7
pregnancy	618.3		human	611.07
teeth dentistry	617.6		ethics	179.4
women pathology	618		laws	614.22
pathology	616		Dissenters Eng. relig. hist.	274.2
puerperal obstetrics	618.7		Dissipation <b>ethics</b>	178
Disfranchisement suffrage	324.17		Dissociation chem. affin.	541.39
Dishcloth gourd	635.627		theory of solution chem.	541.3411
Dishes			Dissolution	
fine arts	738		legislativ bodies	328.356
tableware dom. econ.	642.7		Distance of earth from sun	525.15
Dishley cattle	636.2288		moon	523.31
sheep	636.3212		stars	523.81
Dishonesty ethics	174.7		Distances, mesurement	526.92
Dishwashing machines	648.54		Distemper painting	698.2
Disinfectants			Distild beverages adulterat.	614.345
contagious diseases	614.482		chem.tech.	663.5
domestic economy	648.6		Distillation chemic tech.	668.7
external therapeutics	615.777		prac. chem.	542.48
laundry domestic econ.	648.6		Distilleries architecture	725.42
Disinfection			Distilling air pollution	614.732
contagious diseases	614.48		Distortions	
of sewage	628.32		and corrections geom.	515.66
the ded pub. helth	614.64		congenital surgery	617.39
Disintegration geol. agents	551.9		Distributing mach. printing	655.28

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Distribution		
architectural elevation	729.12	
plan	729.22	
methods of fertilizers	631.816	
of animals	591.9	
capital pol. econ.	331	
fertilizers agric	631.816	
plants	581.9	
products pol. econ.	338	
time chronology	529.76	
type	655.25	
welth. pol. econ.	331	
static electricity	537.22	
tide astronomy	525.63	
Distributiv cooperation	334.5	
laws solar syst.	523.21	
Distributors, fertilizer	631.333	
District		
court reports, U. S.	345.41	
<sup>1</sup> of Columbia, U. S. hist.	975.3	
Districts		
election representation	328.3345	
Ditching spade	631.3111	
Dithyrambics Greek lyrics	884	
Ditmarsh sheep	636.3314	
Diuretics physiology	612.4641	
therapeutics	615.761	
Diurnal inequality of tides	525.63	
Divers birds	598.4	
Divination magic	133.3	
Divine		
attributes doct. theol.	231.4	
healing	265.8	
humanity christology	232.8	
justis doct. theol.	231.8	
law " "	231.7	
Providence " "	231.5	
natural "	214	
right of kings pol. sci.	321.6	
servis public worship	264	
Diving bells pneumatics	533.86	
submarine	627	
Divining rod	622.12	
Divinity theology	230	
schools architect.	727.4	
theology	207	
Divorce ethics	173.1	
law	347.6	
public helth	614.18	
Dobereiner gas apparatus	542.72	
Dobruja history	949.8	
Dochmii Greek prosody	486.3	
Dock agriculture	635.45	
bildings architect.	725.34	
Docks harbor engin'g	627.3	
Docks shipbiling	623.83	
Dockyards harbor engin'g	627.3	
Doctors' lives	926.1	
Doctrinal sermons	252.3	
theology	230	
Doctrins, relig. heresies	273	
theology	230	
Documents, public	328	
legislativ distribution	328.347	
special library material	025.1734	
storage lib. economy	025.8	
<sup>1</sup> Doddridge co. W. Va. hist.	975.456	
<sup>1</sup> Dodge co. Wis. " "	977.582	
Dog		
captor zootechny	636.081113	
diseases of compar. med.	619.7	
domestic animals	636.7	
fighting ethics	175.6	
machine gearing	621.837	
protector zootechny	636.0835	
tax polit. econ.	336.27	
zoology	599.7	
Dogma	230	
Dogmas religious hist.	273	
Dogmatic sermons	252.3	
Dogmatics	230	
Dolerite lithology	552.35	
Dolichocephaly craniology	573.7	
Dolichos	635.654	
Dolls dom. economy	649.55	
Dolmens prehist. arch.	571.94	
Dolomite lithology	552.55	
Domain, eminent law	347.2	
state finance	336.1	
Dome, boiler steam eng.	621.18452	
locomotiv boiler	621.1336	
Domes		
construction architec.	721.46	
design " "	729.34	
observatories astron.	522.12	
roofs architec.	721.57	
Domesday book Eng. fin.	336.42	
Domestic		
animals	636	
infect. diseases of	614.91	
architecture	728	
ashes san. engin'g	628.44	
duties ethics	173	
economy	640	
education	376.3	
garbage sanitary eng.	628.44	
mammals	599.7	
medicin	616.02	
relations law	347.6	
polit. science	323	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Domestic	
servis	647
trade	381
use and waste of water	628.17
worship family prayer	249
Domestication, effect on	
animals and plants	575.2
Domicil	
legal capacity law	347.1
suffrage qualifications	324.16
Dominican fowls	636.5811
<sup>1</sup> Republic history	972.93
Dominicans mon. orders	271.2
<sup>1</sup> Dominion of Canada history	971.05
Dominoes games	795
Dompelaers baptist sect	286.1
Domschulen cathed. sch.	377.4
Donatists sects	281.4
<sup>1</sup> Donegal, Ireland history	941.63
Donelson, Ft U.S.civ.war	973.752
capture " " "	973.7322
<sup>1</sup> Dongola, Egypt history	962.5
Doni, A. F. Ital. fiction	853.42
Donkeys dom. animals	636.182
Donne, J: Eng. satire	827.35
Door	
<sup>1</sup> co. Wis. history	977.563
furnishings dom.econ.	645.3
keepers legis. employees	328.3625
mats lib.econ.	022.965
openers dom. "	643.6
Doors arch. construction	721.8
design	729.38
furnace steam eng.	621.18355
<sup>1</sup> Dorchester co. Md. hist.	975.227
Que. "	971.472
<sup>1</sup> Dordogne, France "	944.72
Dorian migration Gk "	938.01
Doric order architecture	729.32
Doris * ancient history	938.3
Dorking fowls	636.521
Dormers architect. constr.	721.55
design	729.35
Dormitories architecture	727.2
student life	371.87
Dorr's rebellion U. S. hist.	973.58
Dorsal	
cord anat.	611.8213
interosseous artery "	611.13794
muscles "	611.731
thorax "	611.946
Dorsalis pedis "	611.13794
<sup>1</sup> Dorset, England history	942.33
Dorset down sheep	636.3233
Dorset	
horn sheep, short-wool	636.3241
Dort confession	238.42
synod of	284.2
Dosology materia med.	615.14
Douay Bible Eng. version	220.52
Double	
bass stringd instrum.	787.4
bassoon wind "	788.8
curvature, geometry	513.58
mod.anal.geom.	516.58
of spine	616.73
curvd lines descr. geom.	515.13
surfaces " "	515.15
flowers floriculture	716.2
morphology	581.4
fluid cells elec. eng.	621.3534
moldboard plow	631.3126
plow	631.3122
refraction optics	535.5
standard coins money	332.42
stars astronomy	523.84
Doublebreasted plow	631.3126
<sup>1</sup> Doubs, France history	944.46
Doubt metaphysics	121
Douche baths hygiene	613.44
Douglas, G. Eng. poetry	821.24
<sup>1</sup> Douglas co. Ill. history	977.368
<sup>1</sup> Mo. "	977.883
<sup>1</sup> Wis. "	977.511
pouch of anat.	611.6674
Dovizi, Bernardo Ital.dram.	852.32
Dower law	347.6
<sup>1</sup> Down, Ireland history	941.65
sheep	636.323
Cotswold, sheep	636.3234
Doyère pipets prac. chem.	542.73
Drachmann, Holger Dan.fic.	839.8366
Draco's code Grecian hist.	938.01
Draft	
furnace steam eng.	621.1838
horse	636.15
Drafting	
bill legislation	328.373
drawing	744
military recruitment	355.22
room mfg plant	621.71
Drafts games	794
U. S. civil war	973.7414
Drag farm implements	631.3611
transport	631.3733
plank	631.3146

Topics in black face type are subdivided. Superior figures refer to the table. at the end of this index

Dragon flies	insects	595.73	Dravidian architecture	722.4
	pests	632.73	language	494
Dragonade	persecutions	272.4	literature	894
Dragons	folklore	398.4	Draw hoe	631.3151
Dragoons	pigeons	636.59631	<b>Drawbridges</b>	<b>engineering</b>
Drain spade		631.3111		624.8
Drainage			<b>Drawing</b>	740
agriculture		631.6	elementary educ.	372.52
engineering		627.5	see also special applications	
house		628.6	Drawing mills	mfg plant 621.77
natural mining eng.		622.52	room amusem'ts	793
of cities		628.2	furnishings	645.62
mines		622.5	topografic	526.98
sewage farms		628.367	Drawings	
public helth		614.77	architectural	729
road engineering		625.74	classification & storage	625.177
shipbuilding		623.85	detail bilding	692.2
Drains			engineering	620.04
reclamation agric.		631.62	general bilding	692.1
steam pipe engin'g		621.1855	linear	741
Drake, Francis			mechanical engineering	621.004
discovery of Amer.		973.17	prehistoric archeology	571.71
<b>Drama</b>			Drawnwork	fancywork 746
American literature		812	Dray farm transport	631.3735
English		822	Drayton, M. Eng. poetry	821.34
freedom pol. science		323.446	Dream books	folklore 398.7
French literature		842	Dreams	135
German		832	physiologic psych.	612.82176
Greek		882	Dred Scott	
Italian		852	case causes U.S.civ.war	973.7115
Latin		872	decision slavery	326.973
miracle plays	Eng. lit.	822.1	U. S. hist.	973.68
	gen. hist.	809.2	Dredges, steam engin'g	621.154
	religion	244	Dredging	engineering 627.7
moral influence	ethics	175.2	foundations	721.176
sacred		244	machinery	627.7
Spanish literature		862	scientific voy.	508.3
Dramas	Amer.civ. war	973.792	Dresden	history 943.21
	revolution	973.392	travels	914.321
	U.S.war 1812	973.5292	<b>Dress</b>	<b>costume</b>
Dramatic				391
amusements		792	ecclesiastic	247.7
art theater		792	ethics	177.4
biografy actors		927.92	fashion	646.01
	Eng. authors	928.22	magazines	646.05
composition		808.2	reform societies	646.06
criticism		792	Dresses	domestic econ. 646.43
history		792	Dressing	
music		782	hair	391.5
orchestral music		785.2	of stone masonry	693.12
<b>Dramatists' lives, English</b>		928.22	ore mining eng.	622.7
Draperies	dom. econ.	645.3	works " "	622.79
Drastics	cathartics	615.7325	Dressmaking	646.43
Draugh's	games	794	Drewry's Bluff, Va.	
			U. S. civ. war	973.7365
			Driers	laundry appli. 648.3

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Drift, glacial geology 551.33  
 remains prehis. arch. 571.11  
 Drifting and tunnel'g min. 622.26  
 Drill military science 355.5  
 plow 631.3124  
 Drilling mech. eng. 621.952  
 mining " 622.23  
 seedage 631.5312  
 Drils seeding machines 631.3315  
 steam engines for 621.154  
**Drink chemic analysis** 543.1  
 Drinking, social ethics 178.3  
 usages customs 394.1  
 Drinks, *see* Beverages  
 Drives landsc. gardening 713  
 Driving 798  
 Dromedary domes. animals 636.295  
<sup>1</sup>Drôme France history 944.98  
 Droop system suffrage 324.224  
 Dropsy diseases 616  
 Droseraceæ botany 583.393  
 Drought agriculture 632.12  
 meteorology 551.57  
**Drowning protec. of life** 614.81  
**Drugs** 615.1  
 adulteration of 614.35  
 analytic chemistry 543.4  
 economic botany 581.63  
 intoxicating ethics 178.8  
 hygiene 613.8  
 Druids 299.16  
 Drum musical instrum. 789.1  
 boiler steam eng. 621.1845  
 Drummed of ear anat. 611.855  
 Drumlins geology 551.33  
 Drummond, W: Eng. poet. 821.36  
<sup>1</sup>Drummond co. Que. history 971.456  
 light 665.7  
 Drums mining eng. 622.67  
 Drunkenness crim. law 343  
**Drupaceous fruits** 634.2  
 Drury's Bluff, Va. battle 973.7365  
 Druses religion 297  
 Dry  
 cleaning dom. econ. 646.6  
 docks engineering 627.3  
 shipbuilding 623.83  
 farming 631.586  
 goods trade production 338.4  
**method qualita. anal.** 544.2  
 " " quantita. " 545.4  
 point engraving 767  
 rot bilding 691.1  
 Dryden, J: Eng. poetry 821.48
- Drying  
 food preservation 641.4  
 laundry process 648.3  
 practical chemistry 542.68  
 printing 655.33  
 Dryplate processes fotog. 772  
 Dualism ontology 111  
 Parsee heresies 273.2  
 Parseeism 295  
 Duality mod. geometry 513.51  
 Du Bellay, J. Fr. poetry 841.32  
<sup>1</sup>Dublin, Ire. history 941.83  
 travel 914.183  
 university 378.415  
<sup>1</sup>Dubois co. Ind. history 977.237  
<sup>1</sup>Dubuque city Ia. history 977.7391  
 " " " " 977.739  
 Ducis, J. F. Fr. drama 842.61  
 Duck roofing bilding 695.8  
 shooting 799  
 Duck-bild platypus zool. 599.1  
**Ducks poultry** 636.597  
 zoology 598.4  
 Ductility molecular phys. 539.52  
 Ducts, air ventilation 697.9  
 kidney anatomy 611.61  
 diseases 616.61  
 see also qualifying word  
 Dudevant, A.L.A.D. Fr. fic. 843.82  
 Dueling ancient law 340.3  
 criminal " 343  
 customs 394.8  
 ethics 179.7  
 student life 371.82  
 Duets vocal music 784.82  
 Du Fail, Noël Fr fiction 843.34  
<sup>1</sup>Dufferin co. Ont. history 971.341  
 Dufresny, C: R. Fr. dram. 842.47  
 Dugouts boatbuilding 623.8212  
<sup>1</sup>Dukes co. Mass. history 974.49  
 Dulcimer music 787.9  
 Dum  
 asylums 362.4  
 bells gymnastics 613.71  
 education of 371.912  
 waiters dom. econ. 643.6  
 engin'g 621.87774  
 Dumas, A. fils Fr. dram. 842.84  
 A. D. père " " 842.77  
 fic. 843.76  
 Dumb, *see* Dum  
 Dumba sheep 636.385  
<sup>1</sup>Dumbarton, Scotland hist. 941.37  
 Dumbartonshire fowls 636.528

Dumdum bullets	623.45535	Dusting	
<sup>1</sup> Dumfries, Scot. hist.	941.48	domestic economy	648.52
Dummy titles lib. econ.	020.88	protection against pests	632.94
Dumpies, Scotch poultry	636.528	Dutch	
Dumping grates st'm eng.	621.18354	cattle	636.235
wagons agric.	631.3735	cheese, hard	637.3543
Dunbar, W: Eng. poetry	821.23	soft	637.356
<sup>1</sup> Dunbarton, Scotland	941.37	<sup>1</sup> East Indies history	991
<sup>1</sup> Dundas co. Ont. history	971.375	<sup>1</sup> Guiana	988
Dunes geology	551.33	travels	918.8
Dungfork digging tools	631.3114	hoe	631.3152
Dunkers baptists	286.5	<sup>4</sup> language	439.3
<sup>1</sup> Dunklin co. Mo. history	977.899	<sup>6</sup> literature	839.3
Dunlap, W: Am. drama	812.22	painting	759.9
Dunlop cattle	636.2252	poultry	636.53
Dunmore's, Lord, war	973.27	reformd church	284.1
<sup>1</sup> Dunn co. Wis. history	977.543	in Amer.	285.7
Duns Scotus mediev. phil.	189.4	<sup>1</sup> republic history	949.2
Duodecimals arithmetic	511.1	sheep	636.331
Duodenum anatomy	611.342	swine	636.434
diseases of	616.34	<sup>1</sup> Dutchess co. N. Y. hist.	974.733
<sup>1</sup> Dupage co. Ill. history	977.324	Duties	
Duplex telegraf commun.	654.2	and customs tariff	337
elec. eng.	621.38232	moral ethics	170
Duplicate dep't lib. econ.	025.26	of children	173.6
Duplicates		citizens	172.1
libraries and schools	021.33	college men	378.069
library accession routine	025.261	husbands and wives	173.3
sale of lib. econ.	025.265	library staff	023.7
Duplicating		trustees	023.35
machines offis equip.	652	parents ethics	173.5
notises, etc. lib. adm.	025.129	public offisers	172.2
Duplication, apparent		servants	173.8
deformities	617.34	dom. econ.	647.7
Duployé shorthand	653.38	teachers education	371.101
Dupont, Pierre French poet.	841.82	public sermons	252.6
Dura mater, cerebral anat.	611.8195	remitted library aid	021.861
sinuses of "	611.14511	social ethics	177
spinal "	611.8295	stamp polit. econ.	336.27
<sup>1</sup> Durango, Mexico hist.	972.1	Duty religion	233.4
Durbar social customs	394.4	free importation	337.8
D'Urfey, T: Eng. humor	827.44	Du Vair, Guillaume Fr. lit.	844.41
<sup>1</sup> Durham, England hist.	942.81	Dwarf blueberry	634.734
cattle	636.2222	Dwarfs biology	573.8
<sup>1</sup> co. Ont. hist.	971.356	Dwellings	
Duroc Jersey swine	636.483	architecture	728
Durra cereals	633.178	farm	631.21
Dusseltal swine	636.431	hygiene	613.5
Dust		laboring classes	331.83
air pollution	614.71	prehistoric	571.8
cosmic descrip. astron.	523.16	sanitation	628.6
inhalation of hygiene	613.63	Dwight, Timothy Am. poet.	811.22
prevention of, in factories	628.511	Dyadic arithmetic	511.1
		Dyaks history	991.1

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Dyeing</b>	chem. tech.	667.2
<b>Dyes</b>	agriculture	633.86
	anilin chem. tech.	667.2
<b>Dykes</b>	engineering	627.4
	geology	551
<b>Dynamic electricity</b>		537.5
	engineering	621.
	geology	551
<b>Dynamics, celestial</b>		521.1
	chemic	541.39
	electro-	537.6
	physics	531.3
<b>Dynamite</b>	chemic tech.	662.2
	storage prot. of life	614.833
<b>Dynamolectric machinery</b>		621.313
<b>Dynamogenesis</b>	physiology	612.8011
<b>Dynamometer</b>	physics	531.21
	physiology	612.744211
	steam plant	621.1977
<b>Dynamos</b>		
	electric engineering	621.313
	electrodynamics	537.83
<b>Dynamotors</b>	elec. eng.	621.31326
<b>Dysentery</b>	diseases	616.935
	public helth	614.516
<b>Dyspepsia</b>	dietetic diseases	616.39
	digestiv diseases	616.33
	physiology	612.326
<b>Dyspnea</b>	"	612.2842

<b>Ear</b>		
<b>anatomy</b>		611.85
care of	hygiene	613.49
def and dum asylums		362.4
	arch.	725.54
<b>diseases</b>	<b>surgery</b>	617.8
<b>hospitals</b>		362.1
	architecture	725.51
<b>muscles</b>	anatomy	611.7324
<b>physics</b>		534.7
<b>physiology</b>		612.85
<b>psychology</b>		152.2
<b>rings</b>	jewelry	391.7
<b>stones</b>	comp. anat.	591.48
	human "	611.8526
	physiology	612.85876
<b>Early</b>		
<b>Christian</b>	architecture	723.1
	philosofy	189
<b>Christians</b>	history	270.1
<b>education, elementary</b>		372
<b>English text society</b>		820.6
<b>forms of Eng. language</b>		427.01
<b>Greek philosofy</b>		182
<b>institutions</b>	pol. science	321.1
<b>printed books</b>		093
<b>rising</b>	hygiene	613.79
<b>Earnings, student</b>		378.365
<b>Earth</b>		
<b>astronomy</b>		525
attraction of moon		523.33
burial of ded	customs	393.1
	pub. helth	614.611
closet system	sanitation	628.43
<b>figure of</b>		526.1
<b>houses</b>	prehist. archeol.	571.82
<b>internal heat of</b>	geology	551.12
<b>movements</b>	geology	551.24
<b>physical geology</b>		551
rotation of	astronomy	525.35
<b>structure of</b>	phys. geol.	551.1
<b>surface features</b>		551.4
	irregularities	526.64
<b>Earthenware</b>	chem. tech.	666.6
<b>Earthquakes</b>	agriculture	632.19
	geology	551.22
<b>Earths, rare</b>	inorg. chem.	546.6
<b>Earthwork</b>		
<b>foundations</b>	architec.	721.1
	engin'g	624.15
<b>mining</b>	"	622.21
<b>railway engineering</b>		625.12
<b>roadmaking</b>		625.73
<b>Earthworks</b>	fortifications	623.122
	prehist. archeol.	571.9

Earthworms	zoology	595.1	Eccentrics, lives of	920.8
Earwigs	pests	632.72	machinery	621.85
Easels	lib. fittings	022.933	Ecclesiastes	Bible 223.8
Easements	law	347.2	Ecclesiastic	
East			antiquities	209
and West, relig. schism		270.3	architecture	726
Anglian cattle		636.2267	art ecclesiology	246
Friesian cattle		636.2343	biografy	922
poultry		636.538	calendar	chronology 529.6
Friesland horse		636.143	ceremonies	customs 394.4
India Company		382	costume	247
<sup>1</sup> Indian archipelago	hist.	991	councils	262.4
languages		491.4	courts	348
<sup>1</sup> Indies	history	954	fasts	personal religion 248
<sup>1</sup> Dutch	"	991	public worship	264
<sup>1</sup> Liverpool, O.	"	977.1631	feasts	264
<sup>1</sup> New Jersey	"	974.91	furniture	ecclesiology 247
<sup>1</sup> Prussia	"	943.11	history	270
travels		914.311	Latin, modern	philol. 479
Prussian horse		636.143	law	canon law 348
River bridge	engin'g	624.5	legends	209
<sup>1</sup> Russia	history	947.8	for special topics	see topic
travels		914.78	music	783
<sup>1</sup> St Louis, Ill.	history	977.38	polity	262
<sup>1</sup> Turkestan	"	951.6	statistics	209
travels		915.16	trials	262.9
Easter	Anglican calendar	264.031	vestments	ecclesiology 247.7
	chronology	529.6	Ecclesiastics	biografy 922
	music	783.28	Ecclesiasticus	Bible 229.4
	school observ.	371.365	Ecclesiology	church 261
Eastern			symbolism	246
church		281.9	Echinoderms	paleontology 563.9
churches		281.5	zoology	593.9
<sup>1</sup> empire		949.5	Echinoidea	" 593.95
iland	travel	919.7	Echinus	fishery 639.6
Pacific ocean	phys.geog.	551.466	Echo	acoustics 534.2
<sup>1</sup> Panhandle, W. Va.	hist.	975.49	Eclampsia	diseases 616.845
question	Turkish history	949.6	Eclectic medicin	615.5
<sup>1</sup> states	U. S.	974	philosofy	148
Eating	customs	394.1	Eclipses, find'g longitude by	525.48
	hygiene	613.2	of moon	523.38
	plesures of	641.01	sun	523.78
<sup>1</sup> Eaton co. Mich.	history	977.423	theory	521.8
<sup>1</sup> Eau Claire city, Wis.	"	977.546	Ecliptic	
<sup>1</sup> co.	"	977.545	inclination of equator to	525.51
Ebenaceæ	botany	583.685	plane of astron.	525.32
Ebenaceous fruits		634.45	solar system	523.26
Ebenales	botany	583.68	Ecoles congréganistes	377.3
Ebers, G;	German fiction	833.86	Ecology	botany 581.15
Ebony family	fruit culture	634.45	evolution	575.3
Eccentricity			zoology	591.15
in manners	ethics	177	Economic	
of orbit of earth		525.33	botany	581.6
seasons		525.52	chemistry	chem. tech. 660
			cookery	dom. econ. 641.55

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Economic  
**geology** 553  
 value of fertilizers 631.815  
**zoology** 591.6
- Economics  
**butter business** 637.21  
**cheese business** 637.31  
**farm** 631.1  
**milk business** 637.11  
 nature of 330.11  
 of fashions dom. econ. 646.01  
**political economy** 330  
**stockfarming** 636.081
- Economizers, feedwater 621.1972
- Economy, domestic 640  
 ethics 174  
 library 020  
 political 330  
 student 378.368
- Ecstasy religion 248
- Ecstasies ment. derange. 132.5
- Ectoblast embryology 611.01338
- Ectoderm " 611.01338
- Ectodermic organs " 611.0135
- Ectopic gestation obstetrics 618.31  
 hart physiology 612.1717
- Ectozoa animal parasites 616.968
- <sup>1</sup>Ecuador history 986  
 travels 918.6
- Ecumenic  
 council eccles. polity 262.5  
 relig. hist. 270.2
- Eczema dermatology 616.52
- Edam cheese 637.3543
- Eddas Norse literature 839.6
- Eddy currents engin'g 621.311  
 physics 537.6
- Edema physiology 612.381
- Eden orig. home of man 572.4
- Edentata mammals 599.3
- <sup>1</sup>Edgar co. Ill. history 977.369
- Edgeworth, M. Eng. fiction 823.72
- Edible  
 bulbs garden crops 635.2  
 flowers " 635.3  
 fruits " 635.6  
 leaves " 635.3  
 roots " 635.1  
 seeds " 635.6  
 stems 635.3  
 tubers garden crops 635.2
- Edict of Nantes  
**French history** 944.03  
 Huguenots 284.5
- Edict of Nantes  
 persecutions 272.4  
**religious hist. France** 274.4
- Ediles Rom. antiquities 913.37
- <sup>1</sup>Edinburgh, Scot. history 941.44  
 travels 914.144  
 university 378.41
- Editions, choice of  
 reading and aids 028.2
- Editorial work journalism 070.4  
 lit. meth. 029.6
- Edmund polyg. act U.S.hist. 973.84
- Edom ancient history 939.46
- Education 370  
 and the church religion 261.5  
 sociology 377.8  
 general, for library servis 023.531  
 in relation to labor 331.85  
**industrial systems** 371.42  
 useful arts 607  
 of voters 324.14  
 women 376  
 young 372  
 public state control 351.851  
 system 379  
 self 374  
 suffrage qualifications 324.14  
 systems of 371.4  
 useful arts 607  
<sup>2</sup> special, see subject
- Educational  
 bildings architecture 727  
 ethics 171.7  
 measurements elem. educ. 372.102  
 paidology 136.702  
 psychology 370.15  
 reports, public 379  
 sermons 252.5
- Educator, library as 021.2
- Educators' lives 923.7
- Edward 1 Eng. history 942.035  
 2 " " 942.036  
 3 " " 942.037  
 4 " " 942.044  
 5 " " 942.045  
 6 " " 942.053  
 7 " " 942.082
- Edwards, J. Am. philos. 191.1
- <sup>1</sup>Edwards co. Ill. history 977.3791  
 Ferry, Va. U.S.hist. 973.7318
- Eels zoology 597.5
- Effect  
 and cause metaphysics 122  
 perspectiv arch. design 729.15
- Effen, J. van Dutch essays 839.344

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Efficiency		
and college training	378.01	
school courses.	375.0072	
bonus economics	331.225	
business methods	658	
Effigies, monumental	718	
<sup>1</sup> Effingham co. Ill. hist.	977.3796	
Efflorescence chemistry	541.39	
Effluvia nuisances	628.52	
Efflux hydraulics	532.56	
<b>Eg embryology</b>	<b>591.3</b>	
Eggleston, E: Am. fiction	813.42	
Egg, eggs, <i>see</i> Eg, eggs		
Egina marbles anc. sculpt.	733	
Egoism ethics	171.9	
Egplant	635.646	
<b>Egs</b> cookery	<b>641.665</b>	
dietetics	613.28	
food value	641.12	
ology	598.2	
phys. of nutrition	612.39283	
poultry	636.5	
raising fowls for	636.0883	
zootechny	636.08246	
Eg-shape of sewers	628.224	
<b>Egypt</b> administration	<b>354.62</b>	
antiquities	913.32	
architecture	722.2	
art	709.32	
botany	581.962	
finance	336.62	
geology	556.2	
hieroglyphics	493.1	
history, ancient	932	
modern	962	
language, old	493.1	
maps	912.62	
mythology	299.31	
obelisks, antiq.	913.32	
monum.	718	
philosophers	181.2	
pyramids, antiq.	913.32	
religion	299.31	
schools	379.62	
statistics	316.2	
travel	916.2	
treaties	341.262	
other topics <i>see</i> table 1		
Egyptian corn	633.178	
goat	636.39862	
goose	636.59887	
sheep	636.386	
<sup>1</sup> Sudan history	962.6	
travels	916.26	
Egyptology antiquities	913.32	
Ehrensward, T. C. Gyllem-		
bourg Danish fiction	839.8361	
Eichendorff, J. Ger. poetry	831.72	
Eiderstedt sheep	636.3314	
Eight hour law pol. econ.	331.81	
<b>Eighth nerv anatomy</b>	<b>611.8318</b>	
physiology	612.8198	
Eilschov, F. K. Dan. misc.	839.8843	
Einstein theory astronomy	521.12	
physics	531.51	
Ejaculatory duct anat.	611.635	
Ejectment law	347.2	
Ejectors mech. engin'g	621.69	
Elæagnaceæ botany	583.935	
Elasmobranchii fishes	597.3	
Elastic tissue histology	611.01827	
Elasticity		
of muscle physiology	612.7414	
physics	539.3	
pulmonary physiology	612.212	
tests engineering	620.1123	
Elastin nutrition	612.398146	
Elateridæ zoology	595.76	
Elatineæ botany	583.161	
Elbingen sheep	636.3317	
Elbow anatomy	611.973	
joint	611.7273	
Elci, A. M. d' Ital. satire	857.66	
Elderberry agriculture	634.747	
Elders ecclesiastic polity	262.15	
El Dorado folklore	398.3	
<sup>1</sup> co. Cal. hist.	979.441	
Eleatic Greek philosophers	182.3	
Election		
doctrinal theology	234.9	
frauds suffrage	324.27	
U. S.	324.73	
sermons	252.6	
to legislativ body	328.3355	
Elections		
city admin.	352.004	
legislativ jurisdiction	328.342	
U. S. law	324.73	
voting procedure	324.24	
<b>Electiv franchise</b>	<b>324</b>	
system education	375.004	
Electoral		
college suffrage	324.249	
commission	324.73	
U. S. hist.	973.82	
frauds suffrage	324.27	
lists	324.241	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Electoral</b>		
system	polit. science	321.8
<b>systems</b>	suffrage	324.21
<b>Electric</b>		
animals	comp. physiol.	612.771
apparatus	inspection	614.836
<b>communication</b>	eng.	621.38
cooking appliances		643.336
elevators	engin'g	621.8775
	lib. bldgs	022.95
<b>engineering</b>		621.3
execution of criminals		343.2
furnace	physics	537.85
	prac. chem.	542.47
heating	bilding	607.7
	dom. econ.	644.26
heating	prac. chem.	542.47
irritation of nervs		612.8161
light	domest. econ.	644.315
	libraries	022.754
	mech. eng.	621.32
	physics	537.83
lighting	shipbilding.	623.85
	stations	621.3122
<b>machinery</b>	engin'g	621.313
<b>machines</b>	physics	537.23
manipulation	chem.	542.8
<b>measurements</b>	engin'g	621.37
	physics	537.7
mesuring of temperature		536.53
methods	qual. analysis	544.9
	quan. "	545.3
phenomena	physics	537.4
	of muscles physiol.	612.743
	nervs "	612.813
	skin "	612.795
plant	shipbilding	623.85
plow		631.3123
<b>power stations</b>	eng.	621.312
	transmission "	621.319
<b>railways</b>	"	621.33
resistance	mesology	612.014422
shock	surgery	617.12
signals	physics	537.88
stimulation of hart		612.1723
storms	physics	538.7
stoves	kitch. equip.	643.336
<b>telegraf, communication</b>		654
	engineering	621.382
	physics	537.81
<b>testing</b>	useful arts	621.37
<b>traction stations</b>		621.3123
vehicles	engin'g	629.2
vessels	shipbilding	623.823
<b>Electricians</b>	lib. econ.	023.772
<b>Electricity</b>		537
accidents from		614.836
animal	mind and body	134
	physiology	612.014423
	zoology	591.57
<b>applied</b>	<b>engineering</b>	621.3
	<b>physics</b>	537.8
cooking by		641.586
effect on muscles		612.74163
farm power		631.3717
<b>generation</b>	<b>useful arts</b>	621.31
heating by	dom. econ.	644.26
hygiene		613.16
therapeutics		615.84
<b>Electro-</b>		
analysis	qualitativ	544.9
	quantitativ	545.3
<b>ballistic machines</b>	gun'ry	623.5
biology	animal mag.	134
	biology	577
blasting	mining	622.23
chemic autom.	teleg.	621.38241
chemistry		541.37
chronograf	astronomy	522.52
culture	crops	631.5881
dialysis	prac. chem.	542.8
dynamics		537.6
kinetics	dynamic elec.	537.5
<b>magnetism</b>		538.3
metallurgy		537.85
<b>motors</b>	<b>machines</b>	621.313
	science	537.83
physiology	anim. mag.	134
	biology	577
	<b>physiology</b>	612.01442
plating	manufactures	671
	metallurgy	537.85
<b>Electrodes</b>	electrophysiol.	612.014421
	engineering	621.3522
<b>Electrolysis</b>	qual. anal.	544.9
	quant. "	545.3
<b>Electrolytes</b>	elec. eng.	621.3524
<b>Electrolytic anal. chem.</b>		545.3
	rectifiers eng.	621.31374
<b>Electrometers</b>	engin'g	621.3743
	physics	537.25
<b>Electromotiv</b>		
force of hart		612.1724
phenomena		
	of nervous excitation	612.8223
<b>Electromotors</b>	elec. eng.	621.313
<b>Electrons</b>	chemistry	541.2
<b>Electrostatic apparatus</b>	eng.	621.315
<b>Electrostatics</b>	static elec.	537.2

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Electrotherapy			Eliesen, Povel Dan. mis.	839.8822
electric engineering	621.3915		Eligibility	
electrophysiology	612.014428		to legislativ body	328.331
medicin	615.84		offis citizenship	323.68
Electrotonus electrophys.	612.014423		Eliminants algebra	512.85
physiology	612.8133		Eliot, George Eng. fic.	823.88
Electrotyping printing	655.22		<sup>1</sup> Elis ancient history	938.8
Eleemosynary institutions	361		Elixir of life alchemy	540.1
Elefants domestic animals	636.9		Elizabeth, Queen Eng. hist.	942.055
zoology	599.6		<sup>1</sup> Elizabeth, N. J. history	974.937
<sup>6</sup> Elegiac poetry Eng. lit.	821.04		Elizabethan persecutions	272.7
Gk "	884		style arch	724.4
Latin "	874		<sup>1</sup> Elk co. Pa. history	974.865
Elemental destruction agric.	632.1		<sup>1</sup> valley, W. Va. "	975.464
Elementary education	372		<sup>1</sup> Elkhart co. Ind. "	977.281
forms arch. design	729.3		Elkhorn tavern, Ark.	
<sup>3</sup> readers Eng. language	428.6		U. S. civ. war	973.7323
schools	372.9		Ellipse analytic geom.	516.23
gymnastics in	371.7321		geometry	513.23
libraries for	371.645		Ellipsis Eng. language	425.3
manual training	371.422		<sup>8</sup> other languages	
theory of music	781.2		Ellipsoid analytic geom.	516.43
Elements			Ellipsoidal figure geodesy	526.16
chemic chem. tech.	661.1		Ellipsoids, potentials of	526.11
chemistry	546		Elliptic functions calculus	517.36
false "	546.99		Ellipticity, law of geodesy	526.13
required architec. design	729.21		<sup>1</sup> Elmira, N. Y. history	974.779
Elephants, <i>see</i> Elefants			Elocution	808.5
Eleusinian mysteries			vocal culture	784.9
Greek antiquities	913.38		Elongated	
mythology	292		bullets ordnance	623.45125
Elevated			small arms	623.4552
ground hygiene	613.12		projectils ordnance	623.4512
railroad city transit	388		Eloquence	808.5
engineering	625.4		<sup>8</sup> Eng. oratory	825
stations arch.	725.318		Elvs folklore	398.4
temperature hygiene	613.64		Elzevir editions rarities	094
ways public helth	614.782		Emanation metaphysics	129.5
Elevation archit. design	729.1		Emancipation	
lib. bildings	022.341		of slaves	326.8
Elevations meteorology	551.53		woman	396.1
Elevatormen lib. econ.	023.793		proclamation U. S. hist.	973.714
Elevators			Embalming customs	393.3
grain architecture	725.36		pub. helth	614.64
hydraulic machinery	621.263		Embankments reclamation	631.64
library bildings	022.95		river eng.	627.4
mech. engineering	621.877		Embargo martial law	344
Eleventh nerv anatomy	611.83192		of 1808-12 U. S. hist.	973.48
physiol.	612.8192		Embassadors interna. law	341.7
<sup>1</sup> Elgin, Scotland history	941.23		polit. sci.	327
<sup>1</sup> city, Ill. "	977.323		Emblematic art ecclesiol.	246.5
<sup>1</sup> co. Ont. "	971.334		Emblems "	246
marbles	733		Embolism of pulmon. artery	616.247
Elian filosofers Gk phil.	183.7		Embossing book lib. econ.	025.252
			telegraf eng.	621.38244

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Embroidery 746
- Embryo anatomy 611.013  
physiology 612.64  
zoology 591.33
- Embryology animals 591.3  
botany 581.3  
experimen. 611.0139  
human 611.013  
physiology 612.64
- Embryotomy obstet. oper. 618.83
- Emden goose 636.5983
- Emergencies surgery 617.1
- Emergency help dom. econ. 647.29
- Emerson, R.W. Am. lit. 814.36  
phil. 191.3  
transcendentalism 141
- Emery econom. geol. 553.65  
wheels mach. tools 621.923
- Emetics physiology 612.3278  
therapeutics 615.731
- Emigrants polit. science 325.2
- Emigration " " 325
- <sup>1</sup>Emilia, Italy history 945.4
- Eminent domain law 347.2
- Emissary vein anatomy 611.14513
- Emmental cheese 637.3543
- <sup>1</sup>Emmet co. Ia. history 977.7125  
<sup>1</sup> Mich. " 977.488
- Emollients external thera. 615.776  
internal " 615.735
- Emotions physiol. psych. 612.82133  
psychology 157
- Empedocles Gk philosofers 182.5
- Emperor Ger. empire 354.4305
- Emperors biography 923.1
- Empetraceæ botany 583.984
- Empysema lung dis. 616.248
- <sup>1</sup>Empire, Eastern history 949.5  
French 1st " 944.05  
2d " 944.07  
German gov't 354.4303  
political science 321.03  
Roman hist. 937.06  
Western, fall of " 937.09
- Empiric medicins, *see* Patent medicins  
philosofy 144
- Empiricism in medicin 614.26
- Employees  
associations 331.88  
domestic occasional 647.29  
regular 647.2  
legislativ 328.362
- Employers  
and employed ethics 174.8  
pol. econ. 331.1  
liability 331.82  
insurance 331.25
- Employment  
agencies, *see* Agencies  
hygiene 613.6  
of children pol. econ. 331.3  
time ethics 179.9  
women customs 396.5  
pol. econ. 331.4
- Empresses biography 923.1
- Emulation ethics 179
- <sup>1</sup>Enallage Eng. syntax 425.2
- Enamel arch. decoration 729.65  
chem. technology 666.2  
painting 751  
sacred ornam. 247.4
- Enarthrosis anatomy 611.72963
- Encaustic painting 751
- Encephalon anatomy 611.81
- Enclosures of doors and win. 721.86
- Encyclic letters eccles. pol. 262.8
- Encyclopedias, general 030  
<sup>2</sup> special, *see* subject
- Encyclopedists, Fr. relig. 239.6  
lives 920.3
- Endbrain anatomy 611.813
- Endemic diseases 616
- Endemics med. geografy 614.42
- Endive 635.55
- Endless punishment theol. 237.7  
screw mech. eng'g 621.8333
- Endocardium anatomy 611.126
- Endoderm embryology 611.01337
- Endodermic organs " 611.0134
- Endogamy customs 392.5
- Endolymf physiology 612.8586
- Endometrium anatomy 611.662
- Endoneurium histology 611.018835
- Endosmose liquids 532.7
- Endowd libraries 027.4  
schools education 373  
vs public schools 379.3
- Endowment  
library support 021.92  
life insurance 368.3  
of research colleges 378.32  
public school support 379.13
- Endowments  
library finance 025.111  
special subjects 025.211
- Endyma anatomy 611.828

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Enemeta, nutritiv hygiene	613.23	England	
Enemies of pests agric.	632.96	private law	347
Enemy		religious history	274.2
sympathizers Great war	940.3163	Romanesque architecture	723.42
Energy, conservation of	531.6	schools, public	379.42
vital physiology	612.0137	sculpture	735
Engelbrektsdatter, D.	839.8136	slavery	326
Engin and coach wagon	621.1328	societies, general	062
driven vessels	623.823	statistics	314.2
houses architecture	725.19	travel	914.2
Engineering, civil	620	treaties	341.242
dynamic	621	universities education	378.42
electric	621.3	zoology	591.942
illuminating	628.9	English	
industrial	658	Cambridge turkey	636.5922
locomotiv	621.13	carrier pigeon	636.59612
materials	620.1	cattle	636.22
mechanic	621	cheese, hard	637.3542
municipal	352.5	soft	637.3532
topografic	526.9	coach horse	636.142
Engineers lives	926.2	composition	808
military sci.	358.2	cyclopedias	032
U. S. civ. war	973.7417	deists apologetics	239.5
Engins	621	discovery of America	973.17
England		draft horse	636.152
administration	354.42	ducks	636.5972
antiquities	913.42	ephemerides	528.2
architecture	720.942	game poultry	636.58812
army	354.426	goat	636.392
bank of	332.15	language	420
biografy	920.042	literature	820
botany	581.942	newspapers	072
church	283	periodicals, general	052
colleges education	378.42	philology	420
constitution	342.42	pony	636.162
education	370.942	poultry	636.52
finance	336.42	prisons Amer. revol.	973.371
geology	554.2	U.S. war of 1812	973.5271
government central	354.42	sheep	636.32
local	352.042	socialism	335.1
<sup>1</sup> history	942	swine	636.42
<sup>2</sup> language	420	thorobred horse	636.122
old	427.01	walnut	634.511
law	346	Engravers lives	927.6
libraries	027.042	occupation	613.65
literature	820	Engraving	760
local government	352.042	books of	769
maps	912.42	of seals and gems	736
navy	354.427	Engravings	
painting	759.2	cases for lib. fittings	022.485
peerage, etc.	929.72	catalogs of	016.76
philosofers	192	collections of	769
philosofers lives	921.2	special library material	025.177

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Engrossing			Entrées cookery	641.82
clerks, legislativ	328.3623		Entropy engineering	621.1011
legislativ bills	328.373		physics	536.7
Enharmonic organ music	786.9		Enunciation elocution	808.5
Enigmas amusements	793		Envallsson, K: Swed. lit.	839.7254
English litera.	828		Environment	
Enlistment army	355.22		evolution	575.3
Ennius Latin drama	872.4		influence of physiol.	612.0144
Enoch, Book of	229		therapeu.	615.56
Enrolment			on man	573.4
bill legislation	328.373		mental characteristics	136.2
school organization	371.21		Envy ethics	179.8
Ensiform bone anatomy	611.713		Enzina, J. del Span. dram.	862.21
Ensigns flags	929.9		Eocene fossils paleontol.	560
Ensilage			period geology	551.781
agriculture	633		Eolian harp music	787.5
crops agriculture	633.3		Eolithic age prehist arch.	571.1
cutters "	631.363		Epacridæ botany	583.64
zootechny	636.08552		Epencephalon anatomy	611.817
Entail law	347.2		Ependyma "	611.828
Entente			Ependymal cells histol.	611.01884
Great war 1914-19	940.332		Epervier, ship	
Enteric fever diseases	616.927		U. S. war of 1812	973.5255
pub. helth	614.511		Ephemerides	528
Enterokinesis physiology	612.33284		Ephesians Bible	227.5
Enteropneusta zoology	593.99		Ephesus, first council of	270.23
Enterprise, ship			history, ancient	939.23
U. S. war of 1812	973.5253		modern	956.2
Entertaining			Epiblast embryology	611.01338
collections Eng. lit.	828		Epic dramatic music	782.2
domestic economy	642.4		painting	753
Entertainments			poetry Eng. lit.	821.03
and libraries	021.45		Greek	883
library support	021.96		Latin	873
licenses for	352.8		Epicharmus Gk drama	882.5
private dom. econ.	642.41		Epicranial muscles anat.	611.7322
public amusements	791		Epictetus Gk filosofers	188.7
dom. econ.	642.45		Epicurean filosofy	187
Enthusiasm psychology	157		Epicurism dom. econ.	641.01
religious	269		Epidemic	
Enthymeme logic	166		catarrh diseases	616.203
Entity			monomania derangem'ts	132.1
of state political science	320.15		Epidemics	
Entoderm anatomy	611.01337		contagious diseases	614.5
Entomology zoology	595.7		diseases	616
Entomophthoræ botany	589.229		library economy	024.47
Entomostraca zoology	595.31		public helth	614.49
Entoptic phenomena	612.8434		Epidermal layer embryol.	611.0135
Entozoa parasitic dis.	616.962		Epidermis anatomy	611.771
zoology	595.1		Epididymis "	611.632
Entrance				
halls library bldgs	022.681			
requirements educ.	371.21			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Epigastric			
artery, inferior	anat.	611.13781	
superior	"	611.1345	
plexus	"	611.83931	
region	"	611.951	
Epigenesis	spontan. gener.	576.1	
Epiglottis	anatomy	611.221	
	physiology	612.7825	
<sup>6</sup> Epigrams	Eng. literature	828	
Epigynæ	botany	584.2	
Epilepsy			
cortical	physiology	612.8253	
diseases		616.853	
institutions		362.8	
Epineurium	histology	611.018835	
Epiphany	Anglican fest.	264.031	
Epipharynx	anatomy	611.3271	
Epiphysis cerebri	"	611.8145	
Epiploon	"	611.382	
Epirus	ancient history	938.2	
Episcopacy	sects	283	
Episcopal charges	serm.	252.1	
church		283	
in Scot.		283.41	
orders	ministry	262.17	
Episcopalians	biograpy	922.3	
Episcopate	ministry	262.12	
Epispastics	therapeutics	615.774	
Epistles	Anglican ritual	264.036	
Bible		227	
Eng. literature		826	
<sup>6</sup> Epistolary writers, Eng.		928.26	
Epistolografy		808.6	
Epistropheus	anatomy	611.7113	
Epitafs	genealogy	929.5	
monuments		718	
Epithalamus	anatomy	611.8145	
Epithelial tissue	histology	611.0187	
Epitheliums, glandular		612.409	
<sup>8</sup> Epithets	Eng. language	426.8	
Epitrochleal glands	anat.	611.4672	
Epizoa	parasites, zoology	591.69	
Epizootic diseases	vet. med.	619	
Epoophoron	anatomy	611.6676	
<sup>1</sup> Equador	history	986	
Equality			
legal	political science	323.42	
of individuals	" "	323.41	
races	" "	323.41	
social ethics		177.5	
Equalization			
of representation	pol. sci.	328.3345	
Equation			
machine	astron. instru.	522.54	
Equation			
of center orbits		521.38	
time	chronology	529.1	
personal	astron. correc.	522.97	
Equations, algebraic		512.3	
chemic		541.9	
indeterminate		512.23	
numeric		512.2	
theory of		512.82	
trigonometric		514.4	
Equator, inclina. of seas'ns		525.51	
Equatorial			
belt earth		525.14	
mounting telescopes		522.26	
telescope astron.		522.46	
Equestrian exercise		798	
Equilibrium			
astronomy	laws	521.11	
chemistry		541.39	
of liquids	physics	532.2	
rotating spheroid		526.12	
sense of physiology		612.886	
Equinoxes	astronomy	525.5	
Equipment of armies		355.8	
navies		359	
ships		623.86	
Equisetæ	botany	587.2	
Equity law		347.8	
of redemp. law		347.2	
Equivalence of force	phys.	531.21	
theoret. chem.		541.2	
Equivalent projec. on maps		526.85	
Equivocation	ethics	177.3	
Erbium	metals	546.65	
Erckmann, Emile	Fr. fic.	843.85	
Erectil tissues	vasomotors	612.188	
Erection	physiology	612.612	
Erector spinae	anatomy	611.7313	
Erepsin	physiology	612.3324	
Eretrian philosophers		183.7	
Ergograf	physiology	612.744211	
Ergot	stimulants	615.711	
uterins		615.766	
Eric the Red	discov. of Am.	973.13	
Ericaceæ	botany	583.62	
Ericales	"	583.6	
Ericson, Leif	discov. of Am.	973.13	
Erie canal	U. S. history	973.55	
<sup>1</sup> co. N. Y.	"	974.796	
<sup>1</sup> O.	"	977.122	
<sup>1</sup> Pa.	"	974.899	
Ft. capture	U.S. hist.	973.5237	
Lake, battle	"	973.5254	
Eriocaulæ	botany	584.81	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Erizzo, S. Ital. fiction 853.43  
 Erlenmeyer flasks chem. 542.231  
 Erosion geology 551.3  
 Erotica ethics 176  
 Errata proofreading 655.25  
 Erratic boulders geology 551.33  
 Errhines therapeutics 615.726  
 Error, sources of logic 165  
<sup>2</sup>Errors, gram. Eng. lang. 428.3  
   of observ. probabil. 519.6  
<sup>3</sup>  speech Eng. lang. 428.3  
   popular occultism 133.7  
<sup>4</sup>Erse language 491.61  
 Eruptions volcanoes 551.21  
 Eruptiv fevers diseases 616.911  
 Erysipelas " 616.942  
 Erythrocytes physiol. 612.111  
<sup>1</sup>Erzerum, Asiat. Turk. hist. 956.6  
 Escalators mech. engin'g 621.8676  
 Escapements watchmaking 681  
 Escharotics therapeutics 615.775  
 Eschatology 236  
 Escorial sheep 636.361  
 Esdras Bible 229.1  
 Eskimo dress dom. econ. 646.091  
   history 998  
 Esofageal  
   artery anatomy 611.1355  
   branches of vagus " 611.831919  
 Esofagus anatomy 611.329  
   diseases of 616.32  
   physiology 612.315  
 Espalier training 631.5463  
 Espaliers plant supports 631.3453  
 Esparto grass fibers 633.583  
 Esperanto language 408.9  
 Espronceda, J. de Span. poet. 861.52  
 Esquimaux dress 646.091  
   history 998  
 Essayists, Eng. biography 928.24  
   Fr. " 928.44  
   Ger. " 928.34  
<sup>5</sup>Essays Eng. literature 824  
   general collections 040  
<sup>2</sup>  special topic see subj.  
 Essence metaphysics 121  
 Essences chem. tech. 668.5  
 Essenes Jewish relig. 296  
 Essential oils chem. tech. 668.5  
<sup>1</sup>Essex, England hist. 942.67  
<sup>1</sup>  co. Mass. " 974.45  
<sup>1</sup>  N. J. " 974.931  
<sup>1</sup>  N. Y. " 974.753  
   travel 917.4753  
<sup>1</sup>Essex co. Ont. history 971.331  
<sup>1</sup>  Vt. " 974.32  
   ship U.S. war 1812 973.5255  
   swine 636.4211  
 Establish church, Anglican 283  
 Estaires poultry 636.547  
 Estates law 347.6  
   of the relm 328  
   social classes 323.3  
 Esters organic chem. 547.4  
 Esther Apocrypha 229.2  
   Bible 222.9  
 Esthesiometers physiology 612.8831  
 Esthetics architecture 720.1  
   fine arts 701  
   gastronomy 641.01  
   literature 801  
<sup>1</sup>Esthonia, Russia history 947.4  
   travel 914.74  
 Estimates bilding 692.5  
<sup>1</sup>Estramadura, Sp. history 946.2  
   sheep 636.361  
 Etchers biography 927.6  
 Etching 767  
 Eternal life doc. theol. 237  
   punishm't " " 237.7  
 Eternity doctriens 237.1  
   natural theol. 218  
 Ether anesthetics 615.781  
   light 535.1  
   physics 530.1  
   poisons 615.965  
   temperance 178.8  
 Etherege, Sir G: Eng. dram. 822.42  
 Ethers chem. tech. 668.5  
   organ. chem. 547.4  
 Ethical culture societies 170.6  
   education 377.2  
   ethics 170.7  
 Ethics 170  
   legal 174.3  
   of copyright 655.61  
   relation to pol. econ. 330.1917  
   social 177  
 Ethiopia ancient history 939.78  
<sup>1</sup>  modern " 966  
<sup>4</sup>Ethiopic language 492.8  
 Ethmoid bone anatomy 611.7156  
 Ethnic religions 290  
 Ethnografic  
   basis theory of state 320.121  
 Ethnografy 572  
 Ethnology 572  
 Ethnopsychology 136.4

Etiology	medicin	616.01	European politics	parties	329.94	
Etiquet	customs	395		raspberries	634.712	
	ethics	177.1	Europium	inorg. chem.	546.696	
			Eurypterida	fossils	565.3	
Etruria	ancient history	937.5	Eustachian tube	anatomy	611.356	
Etruscan	architecture	722.6		ear dis.	617.36	
	language	477.5		physiol.	612.356	
Etudes	piano music	786.47		valv anatomy	611.12662	
<sup>3</sup> Etymologies	Eng. lang.	422	Eutaw Springs	Am. revol.	973.3373	
Etymology	comparativ philology	412	Evald, Johannes	Dan. poet	839.8152	
	<sup>3</sup> inflection	Eng. lang.	425.1	Evaluation of books	028.8	
	<sup>4</sup> other	"		Evangelic alliance	relig.	206
Euboea	ancient history	938.4	Evangelist ministry		262.15	
Eubulides	Greek philos.	183.6	Evangelistic			
Eucharist	sacrament	265.3	art		246.7	
Eucharistic	music	religious art	246.8	music	ecclesiology	246.7
	vessels	sacred furniture	247.8		sacred music	783.7
				work	pastoral theol.	253
Euchre	amusements	795	writings	practical	"	243
Euclid	Greek filosofers	183.6	<sup>1</sup> Evansville, Ind.	history	977.233	
<b>Euclidian geometry</b>		<b>513</b>	Evaporating dishes	chem.	542.232	
Eudemism	private	ethics	171.4	Evaporation		
	public	"	171.5	cutaneous	physiol.	612.524
				food preservation		641.4
Eudemus	Greek filosofers	185.3	heat	chemistry	542.48	
Eudiometer	exper. chem.	542.76	meteorology		551.57	
Eudiometry	quant. anal.	545.7	physics		536.44	
Euganoids	zoology	597.4	pulmonary	physiol.	612.523	
Eugenics	evolution	575.1	steam engineering		621.18413	
	hygiene	613.94	vacuum	chemistry	542.77	
Eugubine tables	Umbrian		Evening			
	language	477.4	opening	lib. econ.	024.33	
Eulerian integrals	calculus	517.32	prayer	Anglic. ritual	264.034	
<b>Eulogies</b>	biografy	920		fam. devotions	249	
	sermons	252.9		personal	"	248
Euphonium	wind instr.	788.44	schools	pub. education	379.19	
Euphorbiaceæ	botany	583.951	self	"	374.8	
Euphuism	rhetoric	808	work	lib. econ.	023.631	
<sup>1</sup> Eure, France	history	944.24	Everaert, Cornelis	Dut. lit.	839.3124	
<sup>1</sup> et Loir, Fr.	"	944.51	Everett, Edward	Am. orat.	815.31	
Euripides	Greek drama	882.3		shorthand	653.72	
<b>Europe</b>	antiquities	913.4	Evergreens	coniferæ	585.2	
	botany	581.94		horticulture	715	
	eccles. hist.	274	Everlasting punishment		237.7	
	geology	554	Evidence	circumstantial	347.94	
	history	940		law	347.94	
	religious hist.	274		logic	163	
	statistics	314	Evidences, Bible		220.1	
travels	914		of Christianity	239		
European bison		636.2923	Evil eye		133.4	
	black currant	634.7231	natural theology		216	
	chestnut	634.531	origin of		216	
	gooseberry	634.726	pessimism		149.6	
	plan table syst.	642.53				

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Evil sin</b>	<b>233</b>		
spirits	235		
theodicy	231.8		
<b>Evolution</b>			
algebra	512.7		
apologetics	239.8		
arithmetic	511.7		
biology	575		
effect of nervous system	612.8013		
ethics	171.7		
natural theology	213		
religion and science	215		
theory of state	320.153		
<b>Ewes dairy</b>	637.173		
<b>Ex libris</b>	097		
<b>Exact reference</b>	lit. meth.	029.1	
<b>Examination</b>			
civil servis	351.3		
<b>Examination</b>			
for academic degrees	378.244		
of credentials	suffrage	324.423	
teachers	education	371.13	
papers	Eng. philol.	428.9	
post mortem	pathology	616.079	
school	education	371.27	
<b>Examinations</b>			
competitiv	civil servis	351.3	
	schools	371.27	
<b>Examining boards, med.</b>		614.24	
<b>Exanthemata</b>	contag. dis.	614.52	
<b>Excavating machinery</b>		621.86	
<b>Excavation</b>			
foundations	architec.	721.12	
	engin'g	624.152	
mining		622.21	
<b>Excavations</b>	antiquities	913	
<b>Excellence</b>			
standards	zootechny	636.08114	
<b>Excess of food</b>	hygiene	613.25	
<b>Exchange</b>			
bills of	law	347.7	
	money	332.5	
department	lib. econ.	025.266	
international		332.45	
of duplicates	lib. admin.	025.266	
prisoners	Amer. revol.	973.373	
	Great war	940.473	
	U.S.civ.war.	973.773	
professors		378.12	
specimens	biology	579.614	
stock		332.6	
tables	business	658	
territorial	pol. sci.	320.1267	
<b>Exchanges</b>			
architecture		725.25	
library	law	021.85	
	methods	025.226	
telephone	central	621.3854	
	private	621.3858	
<b>Exchequer</b>			
Great Britain	adminis.	354.422	
	finance	336.42	
United States	adminis.	353.2	
	finance	336.73	
<b>Excise laws</b>		336.27	
	offices	architecture	725.14
	public funds		336.27
<b>Excitability</b>			
cerebral	physiol.	612.8251	
of cord	"	612.832	
<b>Excitants</b>	therapeutics	615.785	
<b>Exclusion</b>			
from suffrage	pol. sci.	324.17	
<b>Excommunication</b>	ecl. pol.	262.9	
<b>Excrementa</b>	sewerage	628.2	
<b>Excrements</b>	physiology	612.361	
<b>Excreta, disinfection</b>		614.48	
<b>Excretion</b>			
biliary	physiol.	612.3577	
physiologic	zoology	591.14	
physiology		612.4	
<b>Excretions, respiratory</b>		612.26	
<b>Excretory organs</b>			
comparativ	anatomy	591.44	
descriptiv	"	591.74	
<b>Excuses, readers'</b>	lib. econ.	024.73	
<b>Execution</b>	criminal law	343.2	
<b>Executiv</b>			
advice to legis.	bodies	328.372	
department	const. law	342	
	lib. admin.	025.1	
offiser	library gov't	023.4	
	titles	023.71	
powers of legis.	bodies	328.252	
session	" "	328.357	
<b>Executors</b>	law	347.6	
<b>Exegesis</b>	Bible	220.6	
<b>Exemplaria typographica</b>		090	
<b>Exemption from mil. servis</b>		355.22	
	taxation	336.29	
<b>Exercise</b>			
children's	dom. econ.	649.5	
curativ	therapeutics	615.82	
diaforetics	"	615.743	
for library workers		023.54	
hygiene		613.7	
physiology of		612.7661	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Exhalation	
cutaneous physiology	612.793
of vapor zoology	591.129
water vapor physiol.	612.25
Exhaustion	
effects of diseases	616.986
of soil	631.45
Exhaust pipe locom. boiler	621.1335
steam, utilization	621.1858
Exhibition cases, library	022.931
halls architect.	725.91
room lib. bldg	022.657
Exhibitions, bilding	690.6
international	606
of art	708
industry	606
school	371.29
special see subj.	
Exhortations pub. worsh.	264.6
Exile punishments	343.2
social ethics	177.8
Exmoor pony	636.1624
sheep	636.3263
Exodus Bible	222.12
Exofficio	
members of legis. bodies	328.332
Exoffisers	
exofficio in legis. bodies	328.3323
Exogamy customs	392.5
Exorcism	133.4
Exotics horticulture	716
Expanding bullets	623.45535
Expansion	
heat physics	536.41
joints steam eng.	621.1857
system, direct refrig.	621.5652
territorial pol. sci.	320.126
Expatriation	341.5
Expectorants therapeu.	615.721
Expedition, see specific name	
Expeditions, scientific	508.3
Expellent forces obstet.	618.51
Expenditure, pub. finance	336
Expenses	
allowance to teachers	371.163
butter business	637.217
cheese business	637.317
dairy	637.117
domestic economy	647.1
farm	631.17
library finance	025.116
Expenses	
living teachers salaries	371.164
of college students	378.368
traveling, of legis'ators	328.333
zootechny	636.0817
Experience	
Experiment stations, agric.	630.72
Experimental chemistry	542
psychology	612.821
Experiments	
chemic	542
fertilizer	631.88
food zootechny	636.0853
physics	530.7
soil agriculture	631.42
Expert, library	023.4
Exploding devices mil. eng.	623.454
Exploitation mining	622.3
Exploration hygiene	613.69
mining	622.1
Explorations	910
history of	910.9
scientific	508.3
Explorers biography	923.9
Explosions	
history of	614.83
of ammunition	623.483
fire damp min. eng.	622.81
protection of life	614.83
Explosiv bullets	623.45535
Explosivs	
agriculture	631.513
chemic technology	662
factory storage	621.7964
manufacture hygiene	613.66
protoc. of life	614.831
military engineering	623.452
mining dangers	622.85
Exponential formulae trig.	514.3
Export duties U. S. tariff	336.26
Exportation commerce	382
Exports	382
free trade	337
Expositions useful arts	606
special see subject	
Expository sermons	252.8
Exposure	
of children customs	392.2
ded "	393.4
to cold protection of life	614.87
Expresidents	
in legislativ bodies	328.3322
Express companies sociol.	385
useful arts	656

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Expression**  
 facial art anatomy 743  
     physiognomy 138  
 musical 780.1  
 practical chemistry 542.68  
**Expropriation** realty 347.2  
**Expulsion**  
 legislativ bodies 328.344  
 school disciplin 371.56  
**Extatics** mental derange. 132.5  
**Extemporaneous** speaking 808.5  
**Extempore** prayer 264.1  
**Extension**  
 courses dom. econ. 640.714  
     education 374.6  
     relation to lib. 021.44  
 of libraries 021.6  
 university 378.13  
 work agriculture 630.717  
**Extensometer** 620.112  
**Extensor**  
 carpi radialis breviar 611.73763  
     longus 611.73762  
     ulnaris 611.73764  
 digitorum longus 611.73842  
 hallucis " 611.73843  
 of index finger 611.73769  
**Extensors of fingers** 611.73765  
     forearm 611.7376  
     thum 611.73768  
**External**  
 agencies therapeutics 615.77  
 ear anatomy 611.858  
     diseases of 617.81  
     physiology 612.851  
 motoroculi nerv. *see* Sixth nerv  
 plastering and stucco 693.61  
 walls, incrusted architect. 729.61  
 windows arch. const. 721.84  
**Extinct animals** paleon. 560  
     plants paleon. 561  
**Extinction**  
 of fire protec. of life 614.843  
     species 575.6  
 painless, of animal life 614.971  
**Extra**  
 books for readers lib. 024.71  
 fingers or toes surgery 617.36  
 pay legislativ patronage 328.3626  
     wage scales 331.225  
 session legislativ bodies 328.358  
 time for readers lib. 024.72  
**Extraction** mining 622.6  
     of teeth 617.66  
**Extractors** laundry mach. 648.3  
     stump agriculture 631.3117  
**Extracts** Eng. literature 828  
     chem. tech. 668.5  
     on special subjects *see* subject  
**Extradition** internat. law 341.4  
**Extraterritoriality** 341.7  
**Extra-uterin** pregnancy 618.31  
**Extravagance** col. students 378.368  
**Extreme unction** sacram. 265.7  
**Extremities, lower, anat.** 611.98  
     surgery 617.58  
     upper, anat. 611.97  
     surgery 617.57  
**Exudations** physiology 612.381  
**Eye, *see* Eyes**  
**Eyebrows** anatomy 611.8476  
**Eyelashes** " 611.8475  
**Eyelids** " 611.847  
     and motoroculi physiol. 612.81932  
     eye diseases 617.77  
**Eye-piece** telescope 522.23  
**Eyes**  
     anatomy 611.84  
     artificial surgery 617.79  
     asylums for blind 362.4  
     care of hygiene 613.49  
         school hygiene 371.72  
     diagnosis pathology 616.073  
     diseases of surgery 617.7  
     hospitals 362.1  
         architecture 725.51  
     muscles anatomy 611.7325  
         innervation of 612.81933  
     optics 535.7  
     physiology 612.84  
     protection in factories 628.512  
     psychology 152.1  
**Ezekiel** Bible 224.4  
**Ezra** " 222.7

<b>Fables</b> Eng. literature	828	Failures, trade	332.7
Fabre d'Eglantine, P. F. N.	842.64	Fair Oaks, Va. battle	973.7327
Fabrics		Fairbairn wheels	621.223
balloon aeronautics	629.161	<sup>1</sup> Fairfield co. Ct. history	974.69
textil manufacture	677	O. " "	977.158
<b>Façades</b> architecture	729.1	Fairies	398.4
Face		Fairs agricultural	630.6
anatomy	611.92	amusements	791
bones anat.	611.716	commercial	381
lymfatic glands "	611.462	industrial	606
lymfatics "	611.4212	library support	021.96
surgery	617.52	social customs	394.6
Faces of type printing	655.24	<b>Fairy tales</b> Eng. lit.	823
<b>Facetiae</b> Eng. literature	827	folklore	398.4
Facial		mythology	291
angle craniology	573.7	Faith	
artery anatomy	611.13323	confessions of creeds	238
muscles, effect of nervs on	612.81971	pub. worship	264.5
nerv anatomy	611.8317	cure religion	265.8
nucleus "	611.8176	therapeutics	615.852
physiol.	612.8197	doctrinal theology	234.2
paralysis "	612.81978	logic of assent	163
veins anatomy	611.14517	Falconry amusements	799
Facsimile telegraf elec. eng.	621.3827	Faldella, G. Ital. fiction	853.85
Facsimiles Class with originals		Faliscus, Gratus Lat. poet	871.4
Factories		<sup>1</sup> Falkland islands history	997
architecture	725.4	travels	919.7
arrangement engin'g	621.7	Fall of ground mines	622.83
butter	637.231	man doctr. theol.	233.1
care of dom econ.	647.964	squash	635.622
carriage and car arch.	725.45	Fallacies logic	165
cheese	637.331	Fallen, parish care of	258
cooperativ pol. econ.	334.6	Fallières French history	944.08
furniture architecture	725.44	Falling bodies	
sanitation in	628.51	deviation astron.	525.37
useful arts	670	laws physics	531.52
Factors and brokers law	347.7	Fallopian tubes anatomy	611.656
Factory		gynecol.	618.12
inspection polit. econ.	331.82	Following agriculture	631.581
laws polit. econ.	338.9	False elements chemistry	546.99
management bus. meth.	658	returns elections	324.275
system labor and wages	331	Falsehood ethics	177.3
waste sanitary engin'g	628.54	Falsten, Enevold Dan. lit.	839.8254
Faculae sun	523.74	Falster, Kristian " poet	839.8143
Faculty		Falx cerebelli anatomy	611.8195
intuitiv mental science	156	cerebri "	611.8195
libraries	023.73	Fame social ethics	177
schools	371.1	Family	
student aid	378.364	devotions prac. religion	249
universities and colleges	378.12	ethics	173
Fagging student life	371.82	form of state	321.1
Fahlbands econom. geol.	553.17	genealogies	929.2
Fahlcrantz, K. E. Swed. sat.	839.7763	histories	929.2
Faience ware pottery	738	hotels architecture	728.2

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Family</b>			<b>Farmers</b>		
law		347.6	general finance		336.19
libraries		027.1	institutes		630.715
meals dom. econ.		642.1	occupation hygiene		613.64
medicin		616.02	wives clubs		640.714
relations customs		392.3	<b>Farming agriculture</b>		<b>630</b>
to state		323.45	profits pol. econ.		338.1
worship		249	<b>Farmsted</b>		<b>631</b>
<b>Famin fever diseases</b>		616.924	<b>Farmyard manures</b>		631.86
hygiene		613.24	<b>Faro amusements</b>		795
physiology		612.391	ethics		175.5
<b>Fanariots description</b>		914.961	<b>Faroe iland sheep</b>		636.372
<b>Fanaticism religion</b>		248	<sup>1</sup> ilands history		949.1
<b>Fancy</b>			<sup>4</sup> <b>Faroes language</b>		439.6
-mental faculties		155.1	<sup>5</sup> literature		839.6
pigeons		636.5961	<b>Farquhar, G: Eng. drama</b>		822.48
<b>Fancywork</b>		746	<b>Farrer Catalan poetry</b>		849.9134
<b>Fanning agriculture</b>		631.3622	<b>Farriery horse shoeing</b>		682.1
mills engineering		621.63	vet. medicin		619.1
<b>Fans blowing engines</b>		621.63	<sup>1</sup> <b>Farther India history</b>		959
mining engineering		622.44	<b>Fascia dentata hippocampi</b>		611.81314
revolving		648.7	<b>Fasciae anatomy</b>		611.74
toilet		391.7	diseases of		616.75
ventilation		697.9	<b>Fascination animals</b>		591.57
winnowing		631.3621	<b>Fashion customs</b>		<b>390</b>
<b>Fantails pigeons</b>		636.59621	magazines		646.05
<b>Fantasia music</b>		786.42	<b>Fashionable educ. of women</b>		376.4
<b>Fantom circuits tel. lines</b>		621.38295	<b>Fashions costume</b>		<b>391</b>
<b>Fantoms occultism</b>		133.3	dom. econ.		646.01
<b>Faraday tubes prac. ch.</b>		542.79	<b>Fast-day cookery</b>		641.566
<b>Paradization elec. medicin</b>		615.84	sermons		252.6
<b>Farces amusements</b>		792	<b>Fastening tools mech. eng.</b>		621.97
<sup>5</sup> <b>Eng. drama</b>		822	<b>Fastenings arch. constr.</b>		721.88
<b>Farewell sermons</b>		252.9	mech. eng.		621.88
<b>Farina, S. Ital. fiction</b>		853.86	<b>Fasti, Roman</b>		529.3
<b>Farina milk products</b>		637.144	<b>Fasting asceticism</b>		248
<b>Farinaceous foods</b>			hygiene		613.24
domestic economy		641.13	temperance		178.9
<b>Farm</b>		631	<b>Fasts Anglican church</b>		264.031
houses agriculture		631.21	<b>Fat disease</b>		616.39
architecture		728.67	in food and tissues phys.		612.3977
laying out		631.12	lactic secretions "		612.66433
<b>machinery agric.</b>		631.3	milk composition		637.1271
produce economics		338.1	production physiol.		612.3522
purchase		631.112	<b>Fata Morgana mirage</b>		535.3
<b>selection</b>		631.11	<b>Fatalism natural theol.</b>		214
sewage san. engin'g		628.37	<b>Fathers duties</b>		173.5
<b>types</b>		631.14	of the church hist.		270.1
<b>Farmacy</b>			lives		922.1
economic botany		531.63	works		281.1
practical materia med.		615.4	<b>Fatigue</b>		
<b>Farmer as owner</b>		631.1151	muscular physiol.		612.74421
renter		631.113	nerv physiologic morfol.		612.82253

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Fatigue</b>			
nerv-muscle	physiol.	612.8166	
of cells	"	612.01432	
school hygiene		371.71	
strength of materials		620.1123	
<b>Fats</b>			
absorption			
by skin	physiol.	612.7912	
in intestin	"	612.33273	
stomach	"	612.32273	
adulterations		614.313	
animal chem. technol.		665.2	
chemistry of food		641.14	
digestion			
in intestin	physiol.	612.3323	
stomach	"	612.3223	
in milk	"	612.66413	
nutrition		612.397	
organic chemistry		547	
physiology		612.397	
protectiv exter. agents		615.776	
tryptic digestion		612.3423	
vegetable chem. tech.		665.3	
<b>Fattaild sheep</b>			
African		636.386	
Asiatic		636.385	
Italian		636.35	
Southeast Europe		636.373	
<b>Fattening animals</b>	zotech.	636.08455	
<b>Fatty substances in blood</b>		612.123	
<b>Fauces anatomy</b>		611.32	
diseases of		616.31	
<b>Faucial tonsils</b>	anatomy	611.323	
<b>Faults</b>	structural geol.	551.87	
theory of	min. eng.	622.16	
<b>Fauna</b>	zoology	591.9	
<b>Faure accumulators</b>	eng.	621.3553	
<b>Faust legend</b>	legends	398.2	
<b>Faverolles</b>	poultry	636.545	
<b>Favorits, royal</b>	biog.	923.9	
<b>Favors</b>	school rewards	371.53	
<b><sup>1</sup>Fayette co. Ill.</b>	history	977.3797	
	travels	917.73797	
<sup>1</sup>	Ind. history	977.262	
<sup>1</sup>	Ia. "	977.735	
<sup>1</sup>	O. "	977.181	
<sup>1</sup>	Pa. "	974.884	
<sup>1</sup>	W.Va. "	975.471	
<b>Fear</b>	physiol. psychol.	612.82133	
	psychology	157	
<b>Feasts</b>	Anglican church	264.031	
	Rom. cath. "	264.021	
	social customs	394.1	
<b>Feathers, see</b>	Fethers		
<b>Features of surface</b>	moon	523.34	
	sun	523.74	
<b>Febler</b>	Catalan poetry	849.9112	
<b>Fecal secretion</b>	phys. zool.	591.149	
<b>Feces</b>	physiology	612.361	
<b>Fecundation</b>			
botany		581.166	
embryology		611.0132	
physiologic zoology		591.166	
<b>physiology</b>		612.613	
<b>Fecundity</b>	physiology	612.663	
<b>Federal gov't</b>	polit. sci.	321.8	
party	Am. politics	329.1	
state	pol. sci.	321.021	
<b>Federalism</b>	polit. science	321.8	
<b>Federalists</b>	U. S. history	973.4	
<b>Federation, imperial</b>	Brit.	354.4201	
	pol. sci.	321.021	
<b>Feeble-minded</b>			
asylums for		362.3	
	architecture	725.53	
<b>childstudy</b>		136.762	
education of		371.92	
mental derangements		132.2	
<b>Feed mills</b>	architecture	725.47	
<b>Feeder</b>			
electric traction		621.33217	
panels	elec. eng.	621.31724	
<b>Feeding</b>			
boiler	steam eng.	621.1942	
of animals	animal hyg.	614.95	
	zotechny	636.084	
	school children	371.716	
<b>Feedwater appliances</b>		621.1972	
	boiler	621.1943	
<b><sup>1</sup>Feejee islands</b>	history	996.1	
<b>Feelings</b>	emotions	157	
<b>Fees</b>			
bilding		692.8	
gratuities		331.238	
legislativ employees		328.3626	
membership	library	021.97	
nonresident	tuition	379.13	
professional		331.27	
readers	lib. econ.	024.2	
teachers		371.162	
tuition	education	371.22	
<b>Feet, artificial</b>	surgery	617.58	
	care		
	hygiene	613.49	
	zotechny	636.0834	
	costumes	391.4	
<sup>3</sup>	English prosody	426.3	
	human anatomy	611.986	
	weights and mesures	389	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Feijóoy Montenegro, B. J.		
Spanish misc.	868.41	
Feitama, Sybrand Dut. lit.	839.3144	
Feith, Rhijnvis Dut. fic.	839.3343	
Felata ethnology	572.9662	
Sudan travel	916.62	
Feldspar econ. geol.	553.69	
mineralogy	549.61	
Fellenberg's system educa.	371.42	
Fellowship, church	265.2	
Fellowships colleges	378.33	
Felons criminal law	343	
Felsites lithology	552.27	
Felt roofing	695.7	
Female		
colleges education	376.8	
education	376	
customs	396.4	
employments	396.5	
functions of generation	612.62	
labor polit. economy	331.4	
seminaries	376.9	
servants dom. economy	647.23	
sex duties	173	
suffrage	324.3	
Females		
adult zootechny	636.08232	
young "	636.08238	
Feminization of teach. force	371.18	
Femoral		
adductors anatomy	611.73824	
artery "	611.13783	
biceps "	611.73827	
glands "	611.4682	
nerv "	611.8355	
quadriceps "	611.73822	
veins "	611.1473	
Femotibial ligament anat.	611.72831	
Femur anat.	611.7184	
Fences		
agriculture	631.27	
law	347.2	
railway equipment	625.18	
Fencing amusements	796	
school hygiene	371.734	
Fenian invasion of Canada		
Canadian history	971.048	
U. S. history	973.81	
Fenianism Irish history	941.5	
polit. assoc.	363	
Fenix folklore	398.4	
Fenollar, B. Catalan poet.	849.9132	
Fenomena		
in labor obstetrics	618.43	
nutritiv physiology	612.39	
vital biology	577	
Fens physical geol.	551.49	
public health	614.772	
Ferdinand 1 German hist.	943.032	
2 " "	943.042	
3 " "	943.043	
6 Span. "	946.056	
7 " "	946.07	
and Isabella	946.03	
<sup>1</sup> Ferghana, Turkestan "	958.7	
Ferguson, E.. Am. poetry	811.16	
<sup>1</sup> Fermanagh, Ireland hist.	941.68	
Fermentation		
chemic technology	663.1	
effect of barometric press.	612.276	
lactic physiology	612.66417	
yeast, etc.	589.9	
Fermented		
beverages adulterations	614.341	
chem. tech.	663.1	
temperance	178	
milk dairy	637.146	
Ferments		
aids to digestion	615.7342	
fibrogenous physiology	612.11512	
in blood "	612.128	
liver "	612.35111	
materia medica	615.35	
milkcurdling physiol.	612.3216	
physiologic chemistry	612.0151	
soil	631.46	
Ferries horticulture	716.5	
Ferns botany	587.3	
paleontology	561.73	
<sup>1</sup> Ferrara Italy history	945.4	
Ferrari, P. Ital. drama	852.75	
Ferrets zoology	599.7	
zootechny	636.081113	
Ferries state control	351.814	
transportation	656	
Ferrotypography	772	
Ferry boats shipbilding	623.8234	
bridges docks	627.3	
Fertility fecundity	612.663	
soil	631.45	
Fertilization botany.	581.16	
zoology	591.166	
Fertilizer distributors	631.333	
experiments	631.88	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

**Fertilizers**

<b>agriculture</b>	<b>631.8</b>
chemic technology	668.6
commercial air pollution	614.748
manufacture	668.6
from sewage	628.49
Fertilizing principles, loss of	631.814
Ferules, boiler steam eng.	621.18453
Fesant poultry	636.594
Fessenden, T:G. Am.satire	817.22
Festiv piano music	786.46
<b>Festivals</b>	
amusements	791
Anglican ch.	264.031
cathedral music	783.28
labor holidays	331.817
of song music	784.5
<b>Fetal</b>	
<b>appendages</b>	
embryol.	611.0138
<b>pathol. of</b>	<b>618.34</b>
hepatic veins anatomy	611.1497
portal vein	611.143
Fetherfooted fowls	636.572
<b>Fethers</b>	
birds	598.2
compar. anat.	611.787
zoology	591.49
dom. materials	646.17
zootechny	636.084
<b>Fetishism</b>	299
Fetticus salad plants	635.57
<b>Fetus</b>	
abnormalities of	618.53
deth and retention of	618.33
obstacles to expulsion of	618.52
physiologic zoology	591.3
physiology of	612.647
<b>Fetuses</b>	
coalescence of deform.	617.35
<b>Feudal institutions</b>	321.3
law	321.3
tenure law	347.2
<b>Feudalism, age of Eur. hist.</b>	940.17
political science	321.3
Feuillet, Octave Fr. fict.	843.83
<b>Fever</b>	
animal heat	612.556
lung diseases	616.241
typhoid public helth	614.511
<b>Fevers, eruptiv diseases</b>	616.911
gen. works on path.	616.92
Fezant poultry	636.594
<sup>1</sup> Fezzan, Africa history	961.3
sheep	636.386
<b>Fiber crops gathering</b>	631.5565

**Fibers**

<b>agriculture</b>	<b>633.5</b>
connectiv histology	611.01822
<b>nerv physiology</b>	<b>612.81</b>
<b>textil dom. economy</b>	<b>646.1</b>
Fibrillae physiol. of sight	612.84371
<b>Fibrin physiol. of blood</b>	<b>612.1151</b>
nutrition	612.398133
Fibrinogen physiology	612.11512
Fibrinogens nutrition	612.398132
<b>Fibrinoplastic</b>	
ferments physiol.	612.11512
substances nutrition	612.398132
<b>Fibrinoplastin physiology</b>	<b>612.1151</b>
<b>Fibrous</b>	
coats of eye anatomy	611.841
<b>materials agriculture</b>	<b>633.5</b>
manufacture	677
tissue histology	611.01828
Fibula anatomy	611.7186
<b>Fichte</b>	
German philos.	193.3
idealism	141
<b>Ficoidales botany</b>	<b>583.47</b>
<b>Ficoideæ</b>	<b>583.475</b>
<b>Fiction</b>	
<b>American literature</b>	<b>813</b>
buying library econ.	025.216
<b>English literature</b>	<b>823</b>
Great war	940.493
reading of	028.4
U. S. hist. civil war	973.793
revolution	973.393
war of 1812	973.5293
writing	808.3
<b>Fictitious</b>	
characters, dictionary of	803
imprints	014
<b>names pseudonyms</b>	<b>014</b>
titles of books	098
<b>Fidelity ethics</b>	<b>177.3</b>
<b>Fief political science</b>	<b>321.3</b>
<b>Field</b>	
artillery mil. eng.	623.412
books engineering	620.8
cores elec.	621.316
crops	633
<b>fortifications mil. eng.</b>	<b>623.1</b>
guns firing	623.551
hoe	631.3151
mounts ordnance	623.431
<b>of vision physiology</b>	<b>612.8436</b>
operations geodesy	526.25
geology	550.7

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Field  
 sports 796  
 work, triangulation geod. 526.3  
 Fielding, H: Eng. fiction 823.52  
<sup>1</sup>Fife, Scotland history 941.33  
 Fife musical instruments 788.5  
 Fifth nerv anatomy 611.8315  
 physiology 612.8195  
 Fighting, animal 175.6  
 prize 175.6  
 vessels shipbuilding 623.825  
 Figs agriculture 634.37  
 botany 583.962  
 Figure  
 human, in art art anat. 743  
 of earth astronomy 525.14  
 geodesy 526.1  
 windows arch. decor. 729.84  
 Figureheds carving 736  
 Figures  
 correlation of geometry 513.57  
 of heavenly bodies astron. 521.14  
 prosody Eng. lang. 426.4  
 Gk " 486.4  
 Lat. " 476.4  
 other lang.  
 rhetoric 808  
<sup>1</sup>Fiji ilands history 996.1  
 travel 919.61  
 Filament lamps elec. light. 621.326  
 Filangeri, G. Ital. essays 854.66  
 Filbert 634.54  
 Files  
 letter lib. administrat. 025.156  
 literary methods 029.3  
 mechanical engin'g 621.924  
 newspaper lib. econ. 022.935  
 offis equipment 651  
 vertical library econ. 022.916  
 Filial duty ethics 173.6  
 Filibuster  
 exped. to Cuba U.S.hist. 973.64  
 Walker's " " 973.66  
 Mex. " 972.06  
 Filibustering piracy 910.4  
 Filibusters criminal law 343  
 Cuban history 972.91  
 Filicaja, V. da Ital. poetry 851.54  
 Filicinæ botany 587.3  
 Filing machines mech.eng. 621.924  
 Filioque controv. theology 231.3  
 Filipinos ethnology 572.9914  
 Fillets anatomy 611.8167  
 Filling  
 teeth dentistry 617.67  
 fibers for agriculture 633.59  
 Fillmore, M. presidency of 973.64  
 Fills railway engin'g 625.12  
 Filter basins waterworks 628.16  
 presses sewage 628.343  
 Filters, feedwater engin'g 621.1972  
 Filth diseases pathology 616.93  
 pub. helth 614.51  
 Filtration  
 areas sewage 628.368  
 hygiene 613.35  
 industrial sanitation 628.545  
 practical chemistry 542.67  
 sewage 628.35  
 water supply 628.16  
 Fimbria anatomy 611.81314  
 Final causes metaphysics 124  
 clauses Gk syntax 485.4  
 Finale orchest. music 785.1  
 Finance  
 private political econ. 332  
 public " " 336  
 Finances butter business 637.216  
 cheese " 637.316  
 dairy 637.116  
 dom. economy 647.1  
 farm " 631.16  
 lib. " 025.11  
 local gov't 352.1  
 zootechny 636.0816  
 Financial  
 administration civ. serv. 351.71  
 lib. gov't 023.36  
 bills legislation 328.376  
 crises pol. economy 332  
 institutions " " 332  
 Financiers biography 923.3  
 Finches birds 598.8  
 Finding latitude 525.41  
 at sea 527.1  
 longitude 525.46  
 at sea 527.2  
 merid. line astron. 522.31  
 time 529.7  
 at sea 527.3  
<sup>1</sup>Findlay, O. history 977.1191  
 Fine arts 700  
 biography of 927  
 Fines, capital and labor 331.1  
 imposition lib. econ. 024.63  
 remission " " 024.73

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Finger			Fireproof		
alfabet, def and dumb	371.912		buildings	bilding	693.8
joints	611.7279		libraries		022.24
little, muscles of "	611.73776		public helth		614.841
prints	573.6		depositories	architect.	725.24
rings	391.7		piers and colums		721.36
weeder	631.3154		Fireproofing	bilding	693.8
Fingers	611.977		Fires		
extensors of	611.73765		agricultural hindrances		632.18
extra	617.36		library	lib. economy	022.26
deformities			local government		352.3
Finals	721.56		mines	mining eng.	622.82
roof decoration			protection ag'st lib. econ.		022.25
Finishing	698.3		of life		614.84
shop	621.795		protectiv	agriculture	632.115
mfg plant			state regulations		351.782
Finistère, France	944.11		Firetube boilers	engin'g	621.18425
Finite and infinit	125		Fireworks		
differencs	517.6		chemic technology		662.1
calculus	947.1		destructiv	mil. eng.	623.4543
Finland, Russia	914.71		illuminating	" "	623.4544
history			Firing	gunnery	623.55
travel			boiler	steam. eng.	621.1941
Finnish language	494		mechanism	ordn.	623.4242
literature	894		First cause	metaphysics	122
Finno-Hungarian language	494		cranial nerv	anatomy	611.8311
Fiorentino, G. Ital. fiction	853.22		physiology		612.8191
Fire			editions	rarities	094
alarm stations	725.19		lessons in Eng. lang.		428.2
alarms	654.7		Fischart, J; Ger. satire		837.42
arms	623.4		Fish		
small army equip.	355.82		air pollution		614.741
manufacture	683		as food	dom. economy	641.392
mil. engin'g	623.44		hygiene		613.29
balls	523.52		commission		639
meteors			boats		623.826
boats	623.826		culture	business	639.3
shipbilding			ded	air pollution	614.763
chemistry	541.39		diseases of		619.9
clays	553.61		farms		631.146
econom. geol.			fertilizers		631.844
commission	623.826		fresh, inspection of		614.317
boats			markets	dom. econ.	641.4
departments	352.3		preservation	chem. tech.	664.9
administ.			preservd, inspection of		614.319
engins	621.68		trade	economics	338.3
mechan. eng.			Fisher, Ft, N. C.		
protec. of life	614.846		capture	U.S. civ. war	973.7383
escapes	614.847		expedition	" " "	973.7375
" " "			naval hist.	" " "	973.754-5
exits	614.848		Fisheries		
" " "			business		639.2
extinction	614.844		ownership	polit. econ.	333.9
automatic			production	" "	338.3
chemic	614.845		treaty, 1888	U.S.hist.	973.85
local gov't	352.3				
insurance	368.1				
physics	536.46				
worshipers	295				
Firebox	621.1332				
locomotiv boiler					
Fireless cookers	643.338				
dom. econ					
cookery	641.588				
Firemen	352.3				
fire dep'ts					
Firenze, A. Ital. fiction	853.34				
Fireplaces					
artistic	749				
domestic economy	644.15				
heating	697.1				
kitchen	643.331				

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Fishermen's occupat. hyg.	613.64	Flats architecture	728.2
Fishes paleontology	567	housekeeping	647.92
zoology	597	Flattery ethics	177.3
Fishing business	639.2	Flaubert, G. Fr. fiction	843.84
sports	799	Flavoring plants field crops	633.82
Fishplates railroad engin'g	625.15	garden "	635.7
Fishtail burners chem.	542.44	Flax agriculture	633.52
Fishways fish culture	639.3	domestic economy	646.12
Fission physiol. zoology	591.165	harvesting	631.5565
Fistula surgery	617.23	harvesters	631.3565
Fistulas, intest. physiol.	612.3311	manufacture	677
Fittings, library	022.9	Fleas animal parasites	616.9681
ship	623.85	economic zoology	591.69
Fiume history	943.94	insects	595.77
Five Forks, Va. battle	973.7384	pests	632.77
Fixt		Fleets naval engin'g	623.8
ammunition ordnance	623.453	science	359
sm. arms	623.4553	cattle	636.2451
furniture arch. decor.	729.9	draft horse	636.1548
location lib. economy	025.8	language	439.3
oils and acids mat. med.	615.34	literature	839.3
tooth harrow	631.3131	Flemish painting	759.9
Fixtures law	347.2	sheep	636.3317
library	022.9	Flemming, P. Ger. poetry	831.52
lighting dom. econ.	644.32	Fletcher, G. & P. Eng. poet.	821.37
lib. bldgs	022.76	J:	" dram. 822.35
Flaccus, C.V. Lat. poetry	873.3	Fleur de lis heraldry	929.6
Flag day schools	371.365	Flexible	
etiquet	929.9	bridges engineering	624.52
Flagellants monas. order	271.79	shafting	621.8235
Flagellariæ botany	584.41	Flexor	
Flagellata zoology	593.16	accessorius anatomy	611.7389
Flagellation relig. ascet.	248	carpi ulnaris "	611.73753
Flageolet musical instr.	788.5	digiti quinti brevis anat.	611.7389
Flags college	378.28	digitorum longus "	611.73858
Great war	940.463	profund. "	611.73755
heraldry	929.9	sublimis "	611.73754
U. S. civ. war	973.763	hallucis brevis "	611.7389
Flails	631.3611	longus "	611.73859
Flamande cattle	636.2451	pollicis "	611.73756
Flamboyant architecture	723.54	Flexors of forearm "	611.7375
Flamenca Provençal poet.	849.123	thum, short "	611.73773
Flames physics	536.46	Flexure	
prac. chem.	542.5	engineering tests	620.11244
Flaming arcs elec. light	621.3256	sigmoid anatomy	611.349
Flanders history	949.3	transit instrum. astron.	522.38
travel	914.93	Flies insects	595.77
dray horse	636.1548	pests agric.	632.77
Flanging machinery	621.984	zoology	591.65
Flash boilers engin'g	621.18427	public helth	614.43
Flasks prac. chem.	542.231	artificial fishing	799
Flat-bed irrigation sewage	628.363	horse econom. zoology	591.69
Flatboats boatblding	623.829	house domestic econ.	648.7
Flatheded borers pests	632.76		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Flight comp. physiol.	612.768	Florida	
of birds migration	591.52	state secession	973.713
<sup>1</sup> Flint, Wales history	942.93	For military history of state,	
Flint chips early stone age	571.15	see subdivisions of Special	
implements late " "	571.24	campaigns and Military history	
wepons war customs	399	under 973.52, 973.7 and	
Floater steam engin'g	621.18472	973.89	
Floating		war 1835-42 U. S. hist.	973.571
batteries naval eng.	623.9	Floridæ botany	589.41
bodies physics	532.3	Flotation shipblding	623.81
bridges engineering	624.87	Flour manufacture	679
det finance	336.32	mills architecture	725.47
docks shipblding	623.83	Flow	
schools	371.392	in sewers	628.222
wheels water motors	621.235	of blood physiol.	612.15
Flock		liquids physics	532.51
books zootechny	636.0822	streams meteorology	551.57
character of "	636.0821	<b>Flower garden, landsc. gard.</b>	<b>716</b>
composition of "	636.0823	Flowering	
Flogging in navy	359	currant agriculture	634.724
punishments	343.2	plant growth "	631.5474
school punishments	371.55	plants botany	582
Flood gates hyd. mach.	621.29	<b>Flowerless plants</b>	<b>586</b>
Flooding of mines	622.84	Flowers	
Floods agriculture	632.17	agriculture	635.9
meteorology	551.57	botany	580
protection against	627.4	landscape gardening	716.2
Floor coverings dom. econ.	645.1	language of	716.2
lib. "	022.96	national	929.6
systems bridgeblding	624.25	painting	758
Floors and flooring		seasoning	635.71
architecture	721.6	<sup>1</sup> Floyd co. Ind. history	977.219
blding joinery	694.6	1 Ia. "	977.726
library stacks	022.435	Flues sewer ventilation	628.233
mosaic arch. decoration	729.73	smoke heating	697.8
school bldings	371.633	Fluid vein hydraulics	532.52
Flora, geografic	581.9	<b>Fluids physics</b>	<b>532</b>
Floral perfume plants	633.811	preservativ biol.	579.2
Flore and Blancheflor	398.2	refrigerating	621.564
<sup>1</sup> Florence, Italy history	945.5	Flukes parasitic diseases	616.963
1 co. Wis. history	977.532	Flumes water power	621.29
Florentine pigeons	636.59628	Fluor mineralogy	549.4
receivers chemistry	542.66	Fluorescence light	535.3
Florian, J. P. C. de Fr. fic.	843.58	Fluorin inorganic chem.	546.16
Floriculture	635.9	mineralogy	549.4
landscape gardening	716.2	Flushing shafts sewers	628.254
Florida		Flute musical instrum.	788.5
ship U. S. civil war	973.757	grafting agriculture	631.5415
state admission	973.58	Flutina music	786.9
discovery	973.16	Fluting irons dom. econ.	648.43
expedition	973.7364	Fluxes metallurgy	669.8
French settlem't	973.18	<b>Fluxions calculus</b>	<b>517</b>
1 history	975.9	Fly, see Flies	
purchase	73.54	Flycatcher birds	598.8

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Flying  
 animal locomotion 591.47  
 fish zoology 597.5  
 grounds aeronautics 629.144  
 machines " 533.6  
     **engineering** 629.13  
 Focimeter lenses 535.81  
 Fodder, dry zootechny 636.08554  
     fresh " 636.08551  
 Foetal, foetus, *see* Fetal, fetus  
 Fog hygiene 613.14  
     meteorology 551.57  
     signals applied acous. 534.83  
     commerce 654.9  
 Fogazzaro, A. Ital. poetry 851.85  
 Föhn meteorology 551.51  
 'Foix, France history 944.88  
 Fokke, A. S. Dutch hum. 839.374  
 Folding  
     bridges engin'g 624.82  
 Folds geology 551.87  
 Folengo, Teofilo Ital. satire 857.31  
 Foliage botany 581.4  
 Folklore 398.3  
 Folksong folklore 398.8  
     music 784.4  
 Folkvisor Swed. poetry 839.7114  
 Follicles, *see* specific name  
 'Fond du Lac co. Wis. hist. 977.568  
 Fonetics elem. educ. 372.4  
     filology 414  
 Fonoscribing shorthand 653.2  
 Font sacred furniture 247.1  
 Fontana's spaces anatomy 611.8415  
 Fontanelles " 611.7141  
 Fontanes, Louis Fr. poet 841.62  
 Fontenelle, B. le B. de 844.51  
 'Foochow history 951.2  
     travels 915.12  
 Food  
     acquisition physiol. zool. 591.131  
     adulterations pub. health 614.31  
     animal chem. tech. 664.9  
     econ. zoology 591.63  
     cand adulterations 614.318  
     chemic analysis 543.1  
     technology 664  
     chemistry of dom. econ. 641.1  
     children's " " 649.3  
     constituents, inorganic 641.15  
     organic 641.11  
     cost zootechny 636.08171  
     cures therapeutics 615.854  
 Food  
     digestion and nutrition 612.3  
     zoology 591.13  
     domestic economy 641  
     hygiene 613.2  
     influence on respiration 612.224  
     inspection adulterations 614.31  
     of animals zoology 591.53  
     zootechny 636.085  
     dairy cows dairying 637.122  
     laboring classes 331.83  
     plants 581.13  
     physiology 612.392  
     preservation  
     animal chem. tech. 664.9  
     vegetable " " 664.8  
     preservd adulterations 614.318  
     stuffs dom. econ. 641.3  
     pol. " 338.1  
     values dom. " 641.1  
     vegetable econ. botany 581.63  
     zoology 591.53  
 Foods zootechny 636.086  
     adulterations " 636.0859  
     prepared " 636.0857  
 Fools customs 394.2  
     lives 920.8  
     mental derangem'ts 132.2  
 Foot  
     arteries anatomy 611.13793  
     ball amusements 797  
     bridges engin'g 624.12  
     English prosody 426.3  
     human anatomy 611.986  
     lymphatics " 611.42186  
     mesures 389  
     muscles anatomy 611.7387  
     prints, fossil paleontol. 566  
     stools dom. econ. 645.41  
     warmers " " 644.19  
     wear clothing 646.46  
 Foote, S: Eng. drama 822.62  
 Footmen dom. servis 647.3  
 Forage crops foods 636.0862  
     grasses 633.2  
     legumes 633.3  
 Foramen interventriculare 611.8148  
     of Monro 611.8148  
 Foramina of metepicelae 611.8185  
 Foraminifera zoology 593.12  
 Force  
     and energy statics 531.2  
     its mesure mechan. 531.21  
     centrifugal and centripet. 531.35  
     composition of mechan. 531.22

Force			Forestry	agriculture	634.9	
electric, storage of	eng.	621.35		landsc. gard.	715	
transmission	"	621.319	Forests	meteorology	551.58	
physics		537.84		ownership	333.7	
intermolecular	physics	539.6		reclamation	631.61 4	
lines of magnetism		538.1		state control	351.82 3	
metaphysics		118	<sup>1</sup> Forfar, Scotland	history	941.31	
of water	river eng'ng	627.1	Forge bellows		533.87	
parallel	mechanics	531.24	shop	eng. works	621.73	
pump	pneumatics	533.84	Forgemen's occupation	hyg.	613.64	
transmission of	millwork	621.8	Forgeries, <i>see</i>	Frauds		
physics		531.8	Forgery	academic degrees	378.26	
Forced alimentation	hyg.	613.23		law	343	
draft	steam eng.	621.18385		polit. economy	332.9	
feeding	zootchny	636.08456	Forging	blacksmithing	682	
Forceps	obstetrics	618.81		machinery, hyd.	621.26 6	
	surg. instrum.	617.91	Forgivness of sin	theology	234	
	weeding	631.3154	Forking	tillage	631.511	
Forcing			Forks, digging		631.311 4	
plant culture		631.544		hay	631.353 5	
houses	plant protection	631.3445		tuning	acoustics	534.3
Ford, J:	Eng. drama	822.38		weeding	631.3154	
<sup>1</sup> Ford co. Ill.	history	977.362	Form			
Forearm	anat.	611.974	books	law	347.93	
arteries	"	611.1343		influence on respiration	612.229 1	
lymfatics	"	611.4217		musical	781.5	
muscles	"	611.73734		of embryo	embryology	611.013 7
Forebrain	"	611.813		legislature	pol. sci.	328.39
Foreclosure	law	347.2		state	" "	321
Foreign, <i>see</i>	Foren			ontology		111
Foreknowledge of God			Formaldehyde	chemistry	547.5	
	doct. theol.	231.4		disinfect.	614.484	
Foren			Format	printing	655.53	
banks	polit. econ.	332.15	Formatio	reticularis	anat.	611.8226
bodies	diseases	616.981	Formation			
	surgery	617.146	of character		374	
<sup>2</sup> elements	Eng. language	422.4		crystals	crystallog.	548.5
enlistment	ml. sci.	355.22		stock	zoptchny	636.082
help	dom. econ.	647.24	<sup>1</sup> Formosa	history	951.2	
labor	polit. econ.	331.6	Forms			
law		349	elementary	arch. design	729.3	
missions		266		library printing	025.121	
relations	internat. law	341		of suffrage	324.2	
	polit. science	327		strength of materials	620.1128	
states	administration	354	Formulae			
trade	commerce	382	exponential	trigonom.	514.3	
wars of U. S.	mil. order	369.115	L. M. Z.	geodesy	526.46	
Forensic chemistry	law	340.6		recipes, <i>see</i>	special subj.	
	medicin	340.6		theoretic	chemistry	541.9
Foreordination	salvation	234.9	Formularies	materia med.	615.13	
Foresight	guns	623.4252	Fornication	crim. law	343	
Forest cattle		636.221	Fornix	anatomy	611.8139	
<sup>1</sup> co. Pa.	history	974.868	<sup>1</sup> Fort Dearborn	massacre	977.31	
<sup>1</sup> Wis.	"	977.531	<sup>1</sup> Dodge, Ia.	history	977.7511	
trees	botany	582	<sup>1</sup> Wayne, Ind.	"	977.274	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Porteguerra, N. Ital. satire	857.58	Fox, C. J. Eng. oratory	825.63
<b>Fortifications mil. eng.</b>	<b>623.1</b>	Foxes zoology	599.7
<b>Fortress</b>		Foxhunting amusements	799
artillery " "	623.416	Fractional currency, money	332.41
guns gunnery	623.553	Fractions algebra	512.4
mounts ordnance	623.433	arithmetic	511.4
<b>Forts, special mil. eng.</b>	<b>623.19</b>	Fractures surgery	617.15
systems of " "	623.13	Frames artistic furniture	749
<b>Fortune-telling</b>	<b>133</b>	Framing carpentry	694.2
Foscolo, U. Ital. poetry	851.66	shipbuilding	623.84
Fossil resins econ. geol.	553.29	<b>France</b>	
<b>Fossils</b>	<b>560</b>	<b>administration</b>	<b>354.44</b>
<b>geographic distribution</b>	<b>560.9</b>	<b>antiquities</b>	<b>913.44</b>
man	569.9	<b>architecture</b>	<b>720.944</b>
antiqui. of man	573.3	<b>botany</b>	<b>581.944</b>
<b>Fotoplays</b>		<b>colleges</b>	<b>378.44</b>
amusements	792	<b>constitutional law</b>	<b>342.44</b>
censorship ethics	175.2	<b>education</b>	<b>370.944</b>
fotografy	778	<b>finance</b>	<b>336.44</b>
scenario writing	808.2	<b>geology</b>	<b>554.4</b>
<b>Fototelegrafy</b>		<b>heraldry</b>	<b>929.6</b>
signals	654.9	<b>history</b>	<b>944</b>
telegrafy	621.3827	<b>language</b>	<b>440</b>
Foucault's pendulum	525.36	<b>laws</b>	<b>349.44</b>
Foulahs ethnology	572.9662	<b>literature</b>	<b>840</b>
Sudan, trav.	916.62	<b>local government</b>	<b>352.044</b>
<b>Foundation</b>		<b>maps</b>	<b>912.44</b>
bed bridge engineering	624.151	<b>peerages</b>	<b>929.741</b>
roadmaking	625.73	<b>religious history</b>	<b>274.4</b>
<b>Foundations</b>		<b>schools, public</b>	<b>379.44</b>
<b>architec. construction</b>	<b>721.1</b>	<b>statistics</b>	<b>314.4</b>
boiler steam engin'g	621.18457	<b>titles of honor</b>	<b>929.74</b>
bridge engin'g	624.15	<b>travel</b>	<b>914.4</b>
electric lines	621.319223	<b>treaties</b>	<b>341.244</b>
<b>Founders and patriots of</b>		<b>troubles with U. S.</b>	
America, order of	369.125	Fr. hist.	944.046
<b>Founding of libraries</b>	<b>021.6</b>	U. S. "	973.45
type printing	655.21	<b>zoology</b>	<b>591.944</b>
<b>Foundling asylums arch.</b>	<b>725.58</b>	other topics see table 1	
sociology	362.7	<sup>1</sup> Franche Comté, Fr. hist.	944.45
<b>Foundries architecture</b>	<b>725.43</b>	<b>Franchise, elec. pol. sci.</b>	<b>324</b>
engin'g works	621.74	Francis 1 Fr. history	944.028
metal manufac.	671	" " "	944.029
<sup>1</sup> Fountain co. Ind. history	977.247	Francis 1 Ger. history	943.055
<b>Fountains landsc. gard.</b>	<b>714</b>	" " "	943.06
Fouqué, La Motte Ger. fic.	833.65	<b>Franciscan monks</b>	<b>271.3</b>
<b>Four-wire electric systems</b>	<b>621.3191324</b>	sisterhood	271.973
<b>Fourierism communism</b>	<b>335.3</b>	<b>Franco-German war</b>	
<b>Fourth dimension geom.</b>	<b>513.8</b>	French hist.	944.08
nerv anatomy	611.8314	German "	943.082
physiol.	612.8194	<b>Franconia</b>	
of July schools	371.365	house of German hist.	943.023
U. S. hist.	973.361	<sup>1</sup> Lower " "	943.33
<b>Fowling sport</b>	<b>799</b>	" trav.	914.333
<b>Fowls domestic animals</b>	<b>636.5</b>		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Franconia			
<sup>1</sup> Middle	German hist.	943.32	
	"    trav.	914.332	
<sup>1</sup> Upper	hist.	943.31	
	"    trav.	914.331	
Franconian sheep		636.3333	
swine		636.431	
Frankeniaceæ	botany	583.151	
Frankenschaf		636.3333	
<sup>1</sup> Frankfort	history	943.58	
	travels	914.358	
Franking privilege			
legislative prerogative		328.237	
library aid		021.862	
post office		383	
Frankish emperors	It. hist.	945.02	
Franklin, Tenn. battle			
	U.S. civ. war	973.7379	
<sup>1</sup>	co. Ill. history	977.394	
	travels	917.7394	
<sup>1</sup>	Ind. history	977.215	
<sup>1</sup>	Ia. " "	977.728	
<sup>1</sup>	Me. " "	974.17	
<sup>1</sup>	Mass. " "	974.42	
<sup>1</sup>	Mo. " "	977.863	
<sup>1</sup>	N. Y. " "	974.755	
<sup>1</sup>	O. " "	977.156	
<sup>1</sup> Franklin, co. Pa.	history	974.844	
<sup>1</sup>	Vt. " "	974.31	
<sup>1</sup>	ter. Can. " "	971.29	
Franks		943.01	
Franzén, F.M.	Swed. poetry	839.7158	
Fraud electoral suffrage		324.27	
law		347.5	
Frauds			
art history		709	
fertilizers		631.818	
literary history		809	
Fraudulent			
conveyances law		347.7	
counting elections		324.275	
elections U. S.		324.73	
voting suffrage		324.272	
Fraunhofer's lines	spectro.	535.84	
Freckles	dermatology	616.55	
Frederick new Ger. empire		943.084	
<sup>1</sup>	Ger. history	943.024	
<sup>2</sup>	" " "	943.025	
<sup>3</sup>	" " "	943.028	
<sup>1</sup> Frederick city, Md.	hist.	975.288	
<sup>1</sup>	co. Md. " "	975.287	
Fredericksburg, Va.			
	U. S. civ. war	973.7339	
Free			
agency doctrinal theol.		234.9	
baptists sects		286.2	
church of Scotland sects		285.6	
cities Ger. government		354.4309	
Ital. history		945.04	
coinage of silver		332.41	
hand drawing		741	
importation lib. aid		021.861	
institutions			
love ethics		173.1	
news and reading rooms		027.9	
postage library aid		021.862	
public libraries		027.4	
religion		211	
school system education		379.1	
soil party polit. party		329.6	
U. S. history		973.61	
speech polit. science		323.443	
thinkers biography		922.9	
thought eccles. polity		262.8	
rationalism		211	
trade and protection		337	
use of libraries		024.28	
will metaphysics		123	
psychology		159	
theology		234.9	
Freebooters	crim. law	343	
Freedmen			
education of		371.974	
in U. S. army U. S. hist.		973.7415	
slavery		326.8	
Freedmen's bureau		361	
Freedom			
and emancipation			
slavery		326.8	
U.S. hist.		973.714	
metaphysics		123	
of labor strikes		331.891	
theory		331.011	
man doct. theol.		233.7	
press censorship		323.445	
journalism		070.13	
public order		351.751	
speech		323.443	
teaching education		378.121	
pol. sci.		323.444	
personal pol. sci.		323.44	
political liberty		323.4	
religious eccles. polity		262.8	
salvation		234.9	
Freehold land societies		334.1	
law		347.2	
Freeman's farm	Am. rev.	973.3333	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Freemasonry 366.1
- <sup>1</sup>Freeport, Ill. history 977.333
- Freewill baptists 286.2
- Freezing
- agricultural hindrances 632.11
- artificial ice machines 621.58
- food preservation 641.4
- mixtures refrigeration 621.564
- physics 536.43
- process foundations 624.157
- waterworks 628.15
- Freight
- boats shipbuilding 623.824
- cars railway engin'g 625.24
- elevators lib. bldgs 022.9572
- mech. eng. 621.87772
- ferryboats shipbuilding 623.8234
- houses, R. R. architect. 725.32
- interstate commerce 385
- locomotivs steam eng. 621.13262
- transportation 656
- Freiligrath, F. Ger. poetry 831.78
- Fremont in California
- U.S. war with Mex. 973.6232
- <sup>1</sup>Fremont co. Ia. history 977.777
- French
- allies U. S. hist. 973.324
- and Indian war Can. hist. 971.018
- U. S. " 973.26
- Canadian cattle 636.2832
- cattle 636.24
- cheese, hard 637.3544
- soft 637.3534
- church, Gallican 282.44
- coach horse 636.144
- <sup>1</sup>  Cochin China history 959.7
- travels 915.97
- <sup>1</sup>  Congo history 967.2
- cuckoo 636.547
- discovery of America 973.18
- draft horse 636.154
- ducks 636.5974
- encyclopedists apologet. 239.6
- goats 636.394
- goose 636.5984
- <sup>1</sup>  Guiana history 988
- travels 918.8
- horn wind instrum. 788.41
- <sup>1</sup>  Kongo history 967.2
- <sup>4</sup>  language 440
- <sup>8</sup>  literature 840
- merinos 636.3674
- old language 447.01
- opera dramat. music 782.4
- French
- painting 759.4
- Perigord swine 636.445
- philosofers biography 921.4
- philosofy 194
- polish chem. tech. 667.7
- poultry 636.54
- protestants, persecut. of 272.4
- régime Can. hist. 971.01
- republic, 1st history 944.042
- 2d " 944.07
- 3d " 944.08
- revolution " 944.04
- Romanesque architect. 723.44
- roofs arch. construc. 721.5
- sculpture 735
- sheep 636.34
- spinach 635.43
- spoliations U. S. hist. 973.45
- swine 636.44
- turnip 635.127
- wars, early 973.25
- Freneau, Philip Am. poet. 811.24
- Frequency
- converters elec. eng. 621.31355
- asynch. " " 621.31367
- synchr. " " 621.31353
- meters elec. " 621.3747
- of hart beats physiol. 612.1722
- sessions legislativ bodies 328.353
- respiratory physiology 612.216
- Fresco painting
- bilding 608.2
- interior decoration 747
- library bildings 022.344
- painting 750
- sacred ornaments 247.5
- school bildings 371.636
- Frese, Jacob Swed. poetry 839.7137
- Fresh-air mission 361
- Freshets meteorology 551.57
- Fresnel lens lighthouses 627.9
- <sup>1</sup>Fresno city, Cal. hist. 979.483
- co. " " 979.482
- Fretwork 747
- Freytag, G. Ger. fiction 833.82
- Frezzi, F. Ital. poetry 851.21
- Friars monastic orders 271
- Friction
- clutches mech. eng. 621.825
- gearing " " 621.858
- mechanical engineering 621.89
- of gears mech. eng. 621.832
- physics 531.4
- Frictional electricity 537.2

Friedreich's disease	616.83	Fruits	
<sup>1</sup> Friendly islands history	996.1	as food	dom. econ. 641.13
societies	334.7		hygiene 613.27
Friends, society of sects	289.6		physiology 612.39272
Friendship ethics	177.6	fresh, inspection of	614.316
Friesian cattle, Dutch	636.2351	preservation chem. tech.	664.8
East	636.2343	preservd, inspection of	614.318
Holstein	636.2342	zootechny	636.0874
sheep	636.3314	Frying cookery	641.77
<sup>1</sup> Friesland history	949.2	Fryxell, A. Swed. misc.	839.7863
travels	914.92	Fuel	
Friezes, carvd arch. decor.	729.56	artificial chem. tech.	662.8
painted " "	729.46	chemic technology	662.6
Frightfulness Great war	940.405	conveyors steam eng.	621.18378
Frigid zone agriculture	631.0911	domestic economy	644.2
clothing	646.091	metallurgy	669.8
cookery	641.591	ships shipblding	623.826
Frilbacks pigeons	636.59624	steam engineering	621.182
<sup>4</sup> Frisian language	439.2	Fuels	
literature	839.2	intern. combust. engines	621.434
Frizzles poultry	636.5884	special, cookery with	641.58
Fröbel's system educat.	372.2	steam locomotivs	621.1331
Frobisher, M. discov. of Am.	973.17	Fugitiv	
Frogs culture	639.3	slave law U. S. hist.	973.64
zoology	597.8	" slavery	326.973
Frolic, ship U.S. war 1812	973.5251	slaves, causes " civ. war	973.7115
Fronde French hist.	944.033	Fugitivs from justis extrad.	341.4
Frontal bone anat.	611.7155	Fugue music	786.82
lobes of brain "	611.81311	Fulahs ethnology	572.9662
<sup>1</sup> Frontenac co. Ont. hist.	971.371	Sudan, trav.	916.62
Frontiers polit. science	320.128	<b>Full development, period of</b>	<b>612.66</b>
Fronto, M. C. Lat. letters	876.3	Fuller, Margaret Am. lit.	814.31
Frost action geology	551.91	Fulminating powders	662.4
bites skin disord.	616.58	<sup>1</sup> Fulton co. Ill. history	977.348
blight agriculture	632.11	travels	917.7348
meteorology	551.52	1 Ind. history	977.287
Froude's tests shipblding	623.83	1 N. Y. "	974.747
Fructification botany	581.16	1 O. "	977.1115
Fructose nutrition	612.39613	1 Pa. "	974.872
Fruconi, C. I. Ital. poetry	851.57	Fumes	
<b>Fruit culture</b>	<b>634</b>	agricultural hindrances	632.19
drinks adulterations	614.346	prevention in factories	628.511
dom. econ.	641.87	Fumigating apparatus	
hygiene	613.36	contag. diseases	614.481
farms	631.143	Fumigation agriculture	632.94
gatherers	631.3581	Functional	
gathering	631.5561	diseases of brain and cord	616.84
markets dom. econ.	641.4	women	618.17
trade economics	338.1	equations	517
walls agriculture	631.3454	Functions	
Fruitage plant culture	631.5475	Bessel's, etc. calculus	517.35
Fruits	634	calculus of	517.5
and seeds agriculture	634	nervous physiology	612.8
organografy	581.76		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Functions			Furrow sowers	631.3315
of generation	female	612.62	Furs clothing	646.16
	male	612.61	Fuses, <i>see</i> Fuzes	
	motor apparatus	612.7	Fusion-point physics	536.42
	skin	612.79	thermochem.	541.36
	symmetric algebra	512.84	Future	
	trigonometric	514.1	events probabilities	519.4
Fund, wage	polit. econ.	331.212	judgment doct. theol.	236.9
Funding system	finance	336.31	life natural "	218
Funds			of libraries	021.03
invested lib. finance		025.111	punishment doct. theol.	237.6
lib. subj. apportionment		025.211	Future	
public		336	state doctrinal theol.	237
student loans		378.362	Fuzes	
Funeral			electric stations	621.3178
directors		393.9	explosivs	662.4
rites customs		393	local electric lighting	621.3284
religions ordin.		265.8	military engineering	623.4541
sermons		252.9	Fylfot	
Fungi			ecclesiology	246.5
botany		589.2	heraldry	929.6
peats agriculture		632.4		
vegetables "		635.8		
Funicular engins, hydraulic		621.262		
railways		625.32		
Funis, prolapsus	obstetrics	618.58		
Funnels	chem. appar.	542.231		
decant'g "	"	542.66		
Fur	dom. economy	646.16		
trade	pol. econ.	338.1		
Furetière, A.	Fr. satire	847.45		
Furlo, military		355.11		
Furnaceman	dom. econ.	647.25		
Furnaces				
coal	prac. chem.	542.42		
electric	" "	542.47		
gas	" "	542.44		
house warming		697.3		
metallurgy		669.8		
mining ventilation		622.43		
steam engineering		621.183		
ventilation of sewers		628.236		
Furnishings, <i>see</i> qualifying word				
Furniture				
artistic		749		
domestic economy		645		
ecclesiastic		247		
factories architecture		725.44		
fixt arch. decoration		729.9		
library economy		022.9		
manufacture		684		
offis equipment		651		
school		371.631		
ship equipment		623.86		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

G. A. R. associations	369.151	Gallia	
Gabbro plutonic rocks	552.34	Cisalpina ancient hist	937.2
Gabelsberger shorthand	653.33	<sup>1</sup> co. O. history	977.189
Gabonades mil. eng.	623.24	Gallican church	282.44
Gables arch. construc.	721.28	Gallium chemistry	546.68
design	729.37	Galloway cattle	636.2232
roofs	721.58	pony	636.1622
<b>*Gadhelic language</b>	<b>491.61</b>	Gallows criminal law	343.2
Gadolinium chemistry	546.694	Galls pests	632.2
Gadsden purchase U.S. hist.	973.66	Galt, John English fiction	823.77
<b>*Gaelic language</b>	<b>491.63</b>	Galvanic batteries	
Gaetulia } <i>Æ.</i> ancient history	939.77	<b>engineering</b>	<b>621.354</b>
Gage		manipulation	542.8
cocks locomotiv boilers	621.1339	physics	537.86
glasses steam eng.	621.18472	<b>Galvanism</b>	<b>537.5</b>
Gages, comprest air	621.532	Galvanized iron manuf.	671
steam power plant	621.1977	Galvanometers	
Gaging arithmetic	511.8	electric engineering	621.3744
mesures	389	electrophysiology	612.01442186
Galactin milk composition	637.1272	physics	537.86
Galactometer dairy	637.1276	Galvanoplasty	
Galactophorus ducts anat.	611.693	electrometallurgy	537.85
Galactose nutrition	612.39613	manufactures	671
Galatia ancient history	939.32	Galvanotropism	
Galatians Bible	227.4	electrophysiology	612.014427
Galegae legume crops	633.375	<sup>1</sup> Galway, Ireland history	941.74
Galena econ. geology	553.44	Gambling	
metallurgy	669.4	administration	351.762
Gales meteorology	551.51	ethics	174.6
<sup>1</sup> Galicia, Austria history	943.74	of amusements	175.9
<sup>1</sup> Spain "	946.1	law	343
Galilei, G. Ital. essays	854.52	Game sport	799
Gall		bantams	636.58712
bladder anatomy	611.366	fowls	636.5881
diseases of	616.36	laws hunting	799
physiology	612.35771	preservs business	639.1
ducts, <i>see</i> Bile ducts		Games	
flies agric. pests	632.79	<b>amusements</b>	<b>790</b>
formation secretions	591.145	championship sch. hyg.	371.75
Gallantry ethics	177.1	children's dom. econ.	649.55
<sup>1</sup> Gallatin co. Ill. history	977.397	customs	394.3
Galleries		<b>ethics</b>	<b>175</b>
and libraries	021.48	Greek	913.38
art	708	<b>hygiene</b>	<b>613.7</b>
architecture	727.7	kindergarten	372.215
library bildings	022.656	of chance amusements	795
library shelving	022.423	ethics	175.5
shooting architecture	725.89	skill amusements	794
Gallery		ethics	175.4
study tables lib. bldgs	022.52	Olympic Greek antiq.	913.38
Galley outfit shipblding	623.86	Roman	913.37
Galleys criminal law	343.2	room for lib. bldgs	022.663
shipblding	623.8212	school	371.74
		table and parlor	793

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Gaming, public state reg.	351.762	Garments	
<b>Gamopetalæ</b> botany	<b>583.5</b>	for special purposes	646.47
Gang plow	631.3122	outdoor dom. econ.	646.45
Ganglia		outer house " "	646.43
anatomy	611.89	under " "	646.42
cerebral physiology	612.826	Garnier, Robert Fr. dram.	842.37
comparativ "	612.829	Garnishee law	347.7
of hart "	612.1783	Garnishes	635.78
sensory nervs	612.8113	Garnitures	
sympathetic system	612.89	dress dom. econ.	646.48
<b>Gangliated cord anatomy</b>	<b>611.839</b>	table " "	642.8
Ganglions, <i>see</i> Ganglia		<sup>1</sup> Garrett co. Md. history	975.297
Gangrene lung diseases	616.245	Garrick, D: Eng. drama	822.61
surgery	617.25	Garter, order of heraldry	929.714
Ganoidei fishes	597.4	Garters hygiene	613.484
Gaols, <i>see</i> Prisons		Garth, S: English satire	827.48
Garages lib. bildings	022.687	Gärtner's duct anatomy	611.6676
private arch.	728.94	Gas	
public "	725.38	accumulators elec. eng.	621.357
Garbage sanitation	628.44	aeronautics	629.161
Garcia Catalan poetry	849.9137	as kitchen fuel	643.334
<sup>1</sup> Gard, France history	944.83	checks ordnance	623.4243
Garden bean	635.652	coal heating	697.6
cress	635.563	compression prac. chem.	542.78
crops	635	cooking by	641.584
zootechny	636.0875	dissolving prac. chem.	542.74
currants	634.722	domestic fuel	644.24
hoe	631.3151	driven electric plants	621.312133
parties dom. econ.	642.43	engins	
rakes	631.3156	agriculture	631.3716
spade, longhanded	631.3111	<b>engineering</b>	<b>621.4</b>
strawberry	634.751	physics	536.82
tools, hand	631.315	<b>exchange</b>	
Gardeners dom. econ.	647.3	respiration	<b>612.22</b>
Gardening elem. educ.	372.36	in blood "	<b>612.23</b>
flower agriculture	635.9	fitting plumbing	696.2
art	716.2	fuel chem. tech.	662.6
<b>kitchen</b>	<b>635</b>	generation prac. chem.	542.72
<b>landscape</b>	<b>710</b>	heating bilding	697.6
<b>market</b>	<b>635</b>	prac. chem.	542.44
window	716.4	illuminating air pollut.	614.723
Gardens		inspect. of	614.835
botanic	580.7	light dom. econ.	644.313
architecture	727.5	lib. "	022.752
public	711	liquefaction prac. chem.	542.79
school	372.36	<b>manipulation</b> " "	<b>542.7</b>
zoologic	590.7	manufacture	665.7
architecture	727.5	mesuring prac. chem.	542.76
Gardianship law	347.6	meters " "	542.76
Gards, axle railrd engin'g	625.21	natural econ. geology	553.28
Garfield, J. A. presidency of	973.84	heating	697.6
Gargoyles arch. decor.	729.53	production prac. chem.	542.72
Garibaldi Italian history	945.08	rarefaction prac. chem.	542.77
Garlic	635.262	sewer air pollution	614.765
		sanitary eng.	628.23

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Gas</b>			
solidification	prac. chem.	542.79	
storage	" "	542.75	
stoves, kitchen equipm't		643.334	
suffocation by prot. of life		614.82	
turbins	engin'g	621.433	
washing	prac. chem.	542.74	
water	heating	697.6	
wells	economic geology	553.28	
works	air pollution	614.723	
Gascoigne, G:	Eng. satire	827.31	
Gascon sheep		636.3464	
	swine	636.445	
<sup>1</sup> Gasconade co. Mo.	history	977.861	
<sup>1</sup> Gascony, France	history	944.77	
<b>Gaseous</b>			
fuels	steam engin'g	621.18224	
	state chemistry	541.33	
<b>Gases</b>			
absorption by skin		612.7915	
agricultural hindrances		632.19	
blood	physiology	612.127	
chemic technology		665	
effect on books		025.8	
illuminating	air pollution	614.723	
in mines		622.41	
inhalation hyg. of employ.		613.62	
intestinal	physiology	612.3317	
muscle	physiology	612.74417	
noxious	air pollution	614.72	
of urin	physiology	612.46164	
pneumatics		533	
qualitativ analysis		544.4	
quantitativ analysis		545.7	
respiratory exchange		612.22	
soil physics		631.433	
volume of	chemistry	541.2	
	volumetric analysis	545.7	
<b>Gasoline engines</b>		621.43	
	plow	631.3123	
	vehicles	629.2	
	tractors	631.3722	agric.
Gasometers	prac. chem.	542.75	
Gaspé, burning	Am. revol.	973.3112	
<sup>1</sup>	co. Que. history	971.479	
Gassenay goat		636.3939	
Gasserian ganglion		611.8915	
Gasteromycetes	botany	589.221	
Gasteropoda	zoology	594.3	
<b>Gastric</b>			
artery	anat.	611.13643	
branches of vagus	"	611.831919	
fistulas	physiology	612.3211	
<b>Gastric</b>			
glands	anatomy	611.33	
juice	stomach	612.32	
	with pancreatic	612.34251	
nervs	anatomy	611.8393	
secretions	physiol. zool.	591.143	
vein	anatomy	611.1493	
Gastritis	diseases	616.33	
<b>Gastro-</b>			
colic omentum	anat.	611.382	
duodenal artery	"	611.13641	
epiploic	" left "	611.13642	
	right "	611.13641	
	nervs	611.8393	
hepatic omentum	"	611.382	
splenic	"	611.382	
Gastrocnemius muscle	"	611.73853	
Gastronomy	cookery	641.01	
Gastropoda	zoology	594.3	
Gastrotomy	surgery	617.55	
Gastrula	embryology	611.01332	
<sup>1</sup> Gates co. Wis.	history	977.519	
<b>Gates</b>			
	architectural construc.	721.8	
	railway equipment	625.18	
Gatherers, hay		631.3532	
	stone	631.3117	
Gatling guns	mil. eng.	623.42242	
Gauge, <i>see</i>	Gage		
Gauging, <i>see</i>	Gaging		
<sup>1</sup> Gaul	history	944	
<sup>1</sup> Gauley valley, W. Va.	hist.	975.468	
Gaur	domestic animals	636.2972	
Gauss's theory	magnetism	538.1	
Gautama	Buddhism	294	
Gautier, Théophile	Fr. fict.	843.77	
Gauze, wire	prac. chem.	542.46	
Gay, John	Eng. drama	822.56	
Gayal	domestic animals	636.2972	
Gayangos, Pascual de			
	Spanish miscellany	868.51	
<b>Gazetteers</b>		910.3	
	special country, <i>see</i> country	914-919	
Gearing	mill engin'g	621.85	
Gears, tootht	" "	621.83	
	valv	621.84	
	steam engines	621.1342	
Geary exclusion act	U.S. hist.	973.86	
<sup>1</sup> Geauga co. O.	history	977.1336	
Geese	hunting	799	
	poultry	636.598	
	zoology	598.4	
Gehenna	doctrinal theol.	237.5	
Geibel, E.	German poetry	831.83	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Geiger, E. G. Swed. misc. 839.7861  
 Geissler's tubes electricity 537.53  
 Gelatin manufacture 668.3  
     processes photo. 773  
 Gelatinosa anatomy 611.8224  
 Gelatinosæ botany 589.18  
 Gelatinous liquids chem. 541.325  
 Gelding zootechny 636.08234  
 Gellert, C. F. Ger. poetry 831.61  
 Gelli, G. Italian essays 854.37  
 Gem engraving 736  
 Gemara Judaism 296  
 Gemelli muscles anat. 611.73818  
 Gemignano, F. da San 857.11  
 Gemini muscles anat. 611.73818  
 Gemmation zoology 591.165  
 Gems economic geology 553.8  
     engraved 736  
     **mineralogy** 549  
 Gender Eng. language 422.5  
     Fr. " 442.5  
     Lat. " 472.5  
 \* other languages  
 Geneaogenesis zoology 591.162  
 Genealogy 929  
 General  
     average law 347.7  
     council eccles. polity 262.5  
     religious history 270.2  
     secretary Y. M. C. A. 267.341  
     ticket suffrage 324.222  
 Generalization logic 161  
 Generals, lives of 923.5  
 Generation  
     botany 581.16  
     of electricity 621.31  
     physiology 612.6  
     spontaneous biology 576.1  
                             physiology 612.601  
     steam 621.18  
     zoology 591.16  
     zootechny 636.08245  
 Genet domestic animals 636.183  
 Generativ  
     **functions, female** 612.62  
         male 612.61  
     **organs anatomy** 611.6  
         comp. anat. 591.46  
         descrip. anat. 591.76  
         male func. dis. 616.69  
 Generator panels el. eng. 621.31722
- Generators  
     altern. current " " 621.31343  
     charging telephony 621.38763  
     direct current elec. eng. 621.31323  
     double " " 621.31356  
     induction " " 621.31363  
     ringing telephony 621.38764  
     **voltaic engineering** 621.35  
<sup>1</sup>Genesee co. Mich. history 977.437  
<sup>1</sup> N. Y. " 974.792  
 Genesis Bible 222.11  
 Geneva  
     award U. S. history 973.82  
     confession creeds 238.4  
<sup>1</sup> history 949.4  
     travels 914.94  
     tribunal internat. law 341.6  
 Geniculate  
     bodies anatomy 611.8146  
     ganglion " 611.8917  
 Geniculum " 611.8146  
 Genii folklore 398.4  
 Geniohyoid muscles 611.7348  
 Genital  
     **plexus anatomy** 611.8359  
     tract, rupture of obstet. 618.55  
     see also Generativ  
 Genitiv case Gk syntax 485.5  
     Lat. " 475.5  
 \* other languages  
 Genito-  
     crural nerv anat. 611.83543  
     femoral " " 611.83543  
     **urinary system anat.** 611.6  
         **pathol.** 616.6  
         **surgery** 617.46  
         **therap.** 615.76  
 Genius  
     hereditary 136.3  
<sup>1</sup>Genoa, Italy history 945.1  
     travels 914.51  
 Genre painting 754  
 Gentianales botany 583.7  
 Gentianeæ " 583.75  
 Gentlemen curtesy 177.1  
 Gentleness ethics 179.9  
<sup>1</sup>Gentry co. Mo. history 977.8145  
 Geocentric place 521.2  
 Geochemistry geology 551.94  
 Geodesy 526  
 Geognosy 551

<b>Geografic</b>		
basis of pol. sci.	320.124	
<b>coordinates</b>	<b>525.4</b>	
discovery history of	910.9	
<b>distribution agriculture</b>	<b>631.09</b>	
<b>animals</b>	<b>591.9</b>	
<b>fossils</b>	<b>560.9</b>	
of contag. diseases	614.42	
<b>plants</b>	<b>581.9</b>	
names	929.4	
variation <b>animals</b>	<b>591.152</b>	
<b>plants</b>	<b>581.152</b>	
<b>Geografy</b>		
<b>ancient</b>	<b>912.3</b>	
Biblical	220.91	
commercial	380	
<b>descriptiv</b>	<b>910</b>	
elementary education	372.89	
<b>historic</b>	<b>911</b>	
<b>maps</b>	<b>912</b>	
military	355.47	
<b>physical</b>	<b>551.4</b>	
<b>political</b>	<b>910</b>	
see also Boundaries		
Geoidal figure of earth	526.17	
<b>Geologic reports</b>	<b>550</b>	
surveys	<b>554-559</b>	
time	550.1	
Geologists biografy	925.5	
<b>Geology</b>	<b>550</b>	
<b>agricultural</b>	<b>631.4</b>	
and religion apologet.	239.8	
applied mining eng.	622.11	
<b>dynamic</b>	<b>551</b>	
natural theology	215	
speculativ	550.1	
Geomancy divination	133.3	
<b>Geometric</b>		
drawing math. drawing	744	
forms decoration, painted	729.44	
relief	729.54	
windows arch. decora.	729.81	
Geometricians biografy	925.1	
<b>Geometry</b>	<b>513</b>	
<b>analytic</b>	<b>516</b>	
<b>descriptiv</b>	<b>515</b>	
<b>Geomorfology geol.</b>	<b>551.3</b>	
Geomorfy	525.14	
George 1 English history	942.071	
2 " "	942.072	
3 " "	942.073	
4 " "	942.074	
5 " "	942.083	
George Ft, U.S.war 1812	973.5235	
<b>George</b>		
<sup>1</sup> lake, N. Y. history	974.751	
travels	917.4751	
George's, King, war, U.S.hist.	973.26	
<b>Georgia</b>		
<sup>1</sup> Asia, history	947.9	
travel	914.79	
<sup>1</sup> Europe history	947.9	
<sup>1</sup> U. S. local history	975.8	
secession U. S. hist.	973.713	
settlement " "	973.26	
For military history see subdivisions of special campaigns and Military history under 973.3, 973.52, 973.7 and 973.89		
Georgian bay, Ont. travel	917.131	
style architecture	724.59	
Geotropism mesology	612.014477	
Geraniaceæ botany	583.223	
<b>Geraniales</b> "	<b>583.21</b>	
Geranium perfume plants	633.812	
Gerhardt, P. Ger. poetry	831.54	
<b>Germ</b>		
cells botany	581.172	
zoology	591.172	
layers <b>embryology</b>	<b>611.0133</b>	
theory <b>biology</b>	<b>576</b>	
of disease bacteria	589.95	
pathology	616.01	
<b>German</b>		
baptist brethren	286.5	
catholic church	282.43	
<b>cattle</b>	<b>636.23</b>	
cheese, hard	637.3543	
soft	637.3533	
coach horse	636.143	
corps student life	371.83	
dancing	793	
discovery of America	973.11	
emperors Ital. history	945.03	
<b>empire, new</b>	<b>943.08</b>	
goose	636.5983	
<sup>4</sup> <b>language</b>	<b>430</b>	
low	439.1	
middle high	437.02	
old "	437.01	
<sup>5</sup> <b>literature</b>	<b>830</b>	
low	839.1	
<b>merinos</b>	<b>636.3673</b>	
mythology	293	
opera music	782.3	
Wagnerian	782.2	
painting	759.3	
philosofers' lives	921.3	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- German  
   philosofy 193  
   poultry 636.53  
   reformation   polit. hist. 943.03  
                   relig. " 274.3  
   reformd church 284.1  
   republic 943.085  
   sculpture 735  
   sheep 636.33  
   socialism 335.5  
   student dueling 371.82  
   swine 636.43  
   universities 378.43  
 Germanium chemistry 546.695  
 Germantown, Pa. Am.rev. 973.3337  
**Germany**  
   **administration 354.43**  
   **antiquities 913.43**  
   **architecture 720.943**  
     Romanesque 723.43  
   **botany 581.943**  
   **constitutional law 342.43**  
   **education 370.943**  
   **finance 336.43**  
   **geology 554.3**  
   **heraldry 929.6**  
   <sup>1</sup> **history 943**  
   **laws 349.43**  
   **local government 352.043**  
   **maps 912.43**  
   **peerage 929.73**  
   **religious history 274.3**  
   **schools, public 379.43**  
   **statistics 314.3**  
   **travel 914.3**  
   **treaties 341.243**  
   **universities 378.43**  
   **zoology 591.943**  
 Germicides  
   disinfectants pub. helth 614.482  
   external therapcutics 615.778  
 Germinal, *see* Germ  
**Germination botany 581.3**  
 Germs, *see* Bacteria; Bacteriology;  
   Germ theory of disease  
 Gerrymandering  
   representation 328.3346  
<sup>1</sup>Gers, France history 944.77  
 Gerstäcker, F; Ger. fiction 833.77  
 Gerund Latin etymology 472.8  
           syntax 475.8  
 Gesneraceæ botany 583.83  
 Gessenay goat 636.3939  
 Gesta Romanorum  
   modern Latin fiction 879.3  
 Gestation  
   ectopic obstetrics 618.31  
   **obstetrics 618.2**  
   physiology 612.63  
 Gesture language educ. 371.912  
 Gestures oratory 808.5  
 Gettysburg U.S. civ. war 973.7349  
 Gex cheese 637.3544  
 Geysers physical geol. 551.23  
 Ghebers Parseeism 295  
 Ghegan repeaters teleg. 621.38324  
<sup>1</sup>Ghent history 949.3  
           travels 914.93  
 Gherardi, del Testa, T. 852.74  
 Gherkins garden crops 635.63  
 Ghibelines Ital. history 945.04  
 Ghistele, C. van Dut. poet. 839.3128  
 Ghost, Holy dogmatics 231.3  
 Ghosts occultism 133.1  
 Ghouls folklore 398.4  
 Giacometti, P. Ital. drama 852.73  
 Giambullari, B.F. " essays 854.36  
 Giannone, P. " " 854.57  
 Giannotti, D. " " 854.35  
 Giant, Cardiff- humbugs 133.7  
           hydraulic 621.269  
 Giant's causeway descrip. 914.161  
 Giants nat. hist. of man 573.8  
 Gibbon, E: Eng. essays 824.67  
<sup>1</sup>Gibraltar history 946.8  
           travels 914.68  
<sup>1</sup>Gibson co. Ind. history 977.235  
 Gifford, W: Eng. satire 827.71  
**Gifts**  
   kindergarten methods 372.212  
   library finance 025.111  
   of books lib. acquisition 025.227  
     **law 021.84**  
     support 021.93  
   duplicates by lib. to lib. 025.268  
   money lib. support 021.93  
 Gigantotraca zoology 595.39  
 Gigli, G. Italian drama 852.54  
 Gil y Zárate, A. Span. poet 861.55  
 Gilbert, H. discov. of Am. 973.17  
           N: J. L. Fr. satire 847.52  
<sup>1</sup>Gilbert ilands history 996.8  
 Guild houses architec. 725.9  
 Gilding 671  
 Gilds parish work 256  
           polit. economy 338.6  
 Gilead travels 915.69

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Giles, H: Amer. essays	814.32	Glanders diseases	616.954
Gillikin poultry	636.5882	pub. helth	614.564
Gills		Glands, see also special organ or qualifying term	
comparativ anatomy	611.28	<b>Glands of skin anat.</b>	<b>611.772</b>
skeleton of "	611.7166	Glandular system	
<sup>1</sup> Gilmer co. W. Va. history	975.427	<b>anatomy</b>	<b>611.4</b>
Gin chemic technology	663.5	<b>drugs acting on</b>	<b>615.74</b>
Ginep	634.652	histology	611.01872
Ginger	633.825	<b>physiology</b>	<b>612.4</b>
Ginkgo	634.572	surgical operations	617.44
Ginglymus anatomy	611.72964	Glanschwein	636.431
Ginseng agriculture	633.88	Glane swine	636.431
Gioberti, V. Ital. essays	854.77	Glasgow	
Giordani, P. " "	854.72	<sup>1</sup> Scotland history	941.43
Giovagnoli, R. " fiction	853.87	travels	914.143
Gipsies biograpy	397	university	378.41
language	397	sloop Amer. revol.	973.352
outcast races	397	Glass	
Gipsy		and iron structures	721.98
moth agriculture	632.78	wood "	721.99
zoology	595.78	apparatus prac. chem.	542.231
Romany language	397	bilding material	691.6
Giraldès, organ of anat.	611.633	blowing prac. chem.	542.2315
Giraldi, G. B. C.		iridescent	748
Italian drama	852.42	library bildings	022.21
fiction	853.44	manufacture	666.1
Girard turbin	621.247	ornamental	748
Girart de Rossilho Prov. lit.	849.121	painted	748
Girder bridges engin'g	624.27	prehistoric	571.56
<b>Girders bridge engin'g</b>	<b>624.21</b>	roofs architec.	721.53
Girdle bone anat.	611.7181	<b>staind, design</b> "	<b>729.8</b>
Girdling agriculture	631.54224	table dom. econ.	642.7
Girls		works architecture	725.48
counsels to ethics	173.6	Glauconite lithology	552.58
<b>education</b>	<b>376</b>	Glazing bilding	698.5
<b>religious societies</b>	<b>267.8</b>	Glees vocal music	784.1
schools, gymnastics in	371.7326	Gleet diseases	616.952
<b>societies sociology</b>	<b>369.46</b>	<sup>1</sup> Glenarry co. Ont. history	971.377
<sup>1</sup> Gironde, France history	944.71	<sup>1</sup> Glenn co. Cal. hist.	979.431
Girondists " "	944.04	Gliders aeronautics	629.172
Girs, Ægidius Swed. misc.	839.7823	Glisettes curvs	516.26
Giusti, G. Italian satire	857.71	Globe of eye diseases of	617.74
Glacial drift erosion	551.33	Globes	
period	551.79	school apparatus	371.6791
Glacier goat	636.3936	use of astronomy	522.78
<b>Glaciers</b>	<b>551.31</b>	Globular projection	515.52
Glacis fortifications	623.116	Globules of blood, see Corpuscles	
Gladiators customs	394.2	Globulins physiology	612.398132
Gladiolus anatomy	611.713	Globus pallidus anatomy	611.81322
<sup>1</sup> Gladwin co. Mich. hist.	977.472	Gloria in excelsis music	783.22
<sup>1</sup> Glamorgan, Wales hist.	942.97	<sup>2</sup> Glossaries Eng. dialects	427
Gland, see special organ or qualifying term		language	423

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Glossopharyngeal  
 ganglion, superior anat. 611.8919  
 nerv " 611.8319  
     physiology 612.8199  
     taste 612.879  
 nucleus anatomy 611.8186  
 Glottis " 611.225  
     physiology 612.7824  
<sup>1</sup>Gloucester co. Eng. hist. 942.41  
<sup>1</sup> " N. B. " 971.512  
<sup>1</sup> " N. J. " 974.981  
 Gloves  
 clothing 646.48  
 costume 391.4  
 lether manufacture 675  
 woven " 677  
 Glucinum chemistry 546.45  
 Glucose  
 chemic technology 664.1  
 chemistry of blood 612.1221  
 digestion 612.39613  
 Glucosids  
 nutrition 612.396175  
 vegetable drugs 615.333  
 Glucosuria  
 pancreatic physiology 612.3491  
 pathologic " 612.46621  
 physiologic " 612.46182  
 physiology of liver 612.35216  
 toxic physiology 612.4644  
 Glue  
 chemic technology 668.3  
 making air pollution 614.746  
 Glumaceæ botany 584.8  
 Gluteal  
 arteries anatomy 611.1376  
 muscle " 611.73814  
 nerv, inferior " 611.83572  
     superior " 611.83571  
 Glutin nutrition 612.398146  
 Gluttony hygiene 613.25  
     temperance 178.9  
 Glycerin chemic tech. 668.2  
 Glycogen  
 in blood 612.1222  
 nutrition 612.396112  
 Glycogenesis physiol. 612.3521  
 Glycolysis " 612.3962  
 Glycolytic ferments  
 in blood 612.1223  
     physiologic chem. 612.01516  
 Glycoproteids nutrition 612.3981453  
 Glycosmis 634.341  
 Glyfografy engraving 762  
 Glyptics carving 736  
 Gmelin washbottles chem. 542.69  
 Gnats animal parasites 616.9681  
     pests agriculture 632.77  
     zoology 595.77  
 Gneiss lithology 552.42  
 Gnetaceæ botany 585.1  
 Gnoli, Domenico Ital.poet. 851.83  
 Gnomes folklore 398.4  
     maxims Eng. lit. 828  
     folklore 398.9  
 Gnomic poetry Greek lit. 881  
 Gnomonic projection  
     descriptiv geometry 515.55  
 Gnosticism filosofy 189.1  
 Gnostics heresy 273.1  
 Goats 636.3  
     dairy 637.174  
     diseases of compar. med. 619.3  
     domestic animals 636.39  
 Goatsmilk cheese 637.3552  
 Gobelin tapestry art 746  
 Goblins folklore 398.4  
 God doctriens 231  
     will of ethics 171.1  
 Godfrey, T: Amer. dram. 812.12  
 Gods ethnic religions 290  
     mythology 291  
 Goes, J. A. van der Dut. lit 839.3137  
 Goethe, J; W. von Ger. " 832.62  
 Gofer cultivator 631.3164  
<sup>1</sup>Gogebic co. Mich. history 977.498  
 Goitre pathology 616.44  
 Gold  
 chemistry 546.91  
<sup>1</sup> Coast, Africa history 966.9  
 coinage 332.4  
 cure alcoholism 616.861  
 manufactures 671  
 metallurgy 669.2  
 mineralogy 549.2  
 ores econ. geology 553.41  
 political economy 332.41  
 Golden  
 bull Ger. const. hist. 342.43  
 currant 634.724  
 Fleece knights 929.715  
 rule ethics 171.1  
 Goldoni, Carlo Ital. dram. 852.61  
 Goldschmidt, M.A. Dan.fic 839.8365  
 Goldsmith, O. Eng. essays 824.66  
     fiction 823.64  
     poetry 821.64

Goldsmithing	fine arts	739	Gouache painting	751
	useful "	671	Goudouli, P. de	Prov.poet. 849.141
Golf	amusements	796	Goumi	agriculture 634.743
Goll's nuclei	anatomy	611.8261	Gourd, rag	" 635.627
	tract	611.8261	wax	" 635.618
Gomberville, M. Le Roy de			Gournay fowls	" 636.546
	French fict.	843.42	Gout	diseases 616.991
Gongora y Argote, L. de			Gove system	suffrage 324.224
	Spanish poetry	861.37	Governess	private educ. 373.1
Goniometry	crystallog.	548.7	<b>Governing board, library</b>	<b>023.3</b>
Gonorrhœa	pathology	616.952	<b>Government</b>	
	pub. heilth	614.548	appointment of legislators	328.3351
Good			buildings	architecture 725.1
Friday	Anglican ch.	264.031	central administration	351
	special music	783.27	foren states	354
<sup>1</sup> Hope, Cape of	history	968.7	church	262
	travels	916.87	control	insurance 368.91
Templars	temperance	178.06	divine	231.7
Goodenovieæ	botany	583.58	family	ethics 173
Goodness	ethics	179.9	foren countries	354
Goose, Mother	folklore	398.3	forms of	321
Goose, <i>see</i> Geese			libraries	027.5
Gooseberry			library economy	023
bush fruits		634.725	loans	finance 336.3
Otaheite	palm. fruits	634.666	local administration	352
Gopher cultivator		631.3164	officers in legislativ bodies	328.3321
Gorgias	Greek philos.	183.1	political science	320
Gorgonzola cheese		637.3535	publishing	655.59
Gorham contro.	baptism	265.1	school	education 371.5
Gorilla	zoology	599.8	science of	polit. science 320
Gosnold, B.	discov. of Am.	973.17	U. S. and state administ.	353
Gospels	Anglican ritual	264.036	vessels	fighting 623.825
	Bible	226	nonfighting	623.826
	harmonies of	226.1	<b>Governors</b>	biografy 923.2
	pseudo	229.8	steam turbines	621.16535
Gossip	ethics	177.2	Gower, J:	English poetry 821.18
Gotama	Buddhism	294	Gower's tract	anatomy 611.8254
Gothe, J;W.von	Ger. dram.	832.62	Gowns	academic 378.29
Gothic			dom. economy	646.43
architecture		723.5	Gozzi, Carlo	Ital. drama 852.62
ecclesiology		246.1	Gasparo	" satire 857.61
kingdom	Italian hist.	945.01	Graafian follicles	anat. 611.6512
	Span. "	946.01	Grabbe, C. D.	Ger. drama 832.71
<sup>4</sup> language		439.9	Gracchi	Roman hist. 937.05
<sup>5</sup> literature		839.9	Grace	doctr. theology 234.1
revival	architecture	724.3	esthetics	701
Victorian	"	724.4	Graces	music 781.2
<sup>1</sup> Gothland, Sweden	hist.	948.6	mythology	292
Goths	"	943.01	Gracilis, fasciculus	anat. 611.8182
Gottfried von Strassburg			muscle	" 611.73825
	German poetry	831.25	<b>Grade</b>	
Gottschall, K:R.	Ger. dram.	832.84	crossing	railroads 625.1
Gottsched, J;C.	"	832.54	of sewers	san. eng. 628.219
L.A.V.	"	832.55		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Graded degrees, academic	378.22	Granada	
Grades		goat	636.396
butter	637.223	Luis de Span. miscel.	868.32
cheese	637.323	<sup>1</sup> Spain	
railway engin'g	625.11	history	946.8
roadmaking	625.72	travels	914.68
schools	371.25	Granaries	
Grading		architecture	728.95
engineering	625.12	farm bildings	631.23
Gradual		Grand	
cathed. music	783.23	Army of the Republic	369.151
Graduated		U.S.hist.	973.76
system		gulf, Miss. U. S. civ.war	973.753
suffrage	324.224	<sup>1</sup> Isle co. Vt. history	974.31
Graduates		<sup>1</sup> Manan iland, N. B. hist.	971.533
college, and Amer. revol.	973.315	opera	782
U.S.civ.war	973.715	<sup>1</sup> Rapids, Mich. hist.	977.456
Graduation		stands	architecture 725.82
schools	371.291	<sup>1</sup> Traverse co. Mich. hist.	977.464
Græco-Russian church	281.9	Grangers	associations 630.6273
Graffiti		Granit	
inscriptions	471.7	bilding stone	553.52
Grafic		plutonic rock	552.33
arts		Granits	metamorf. rock 552.41
fine arts	700	Grant, U. S. presidency of	973.82
prehist. archeol.	571.7	<sup>1</sup> Grant co. Ind. hist.	977.269
representations of sound	534.6	<sup>1</sup> W. Va. "	975.492
statics	531.2	<sup>1</sup> Wis. "	977.577
Grafics of light and shadow	515.7	Grants	
Graft		land	
bills	legislation 328.367	finance	336.14
business ethics	174.7	to schools	379.12
political	" 172.2	Grape	
Grafting		culture	634.8
animal	physiology 612.602	cure	therapeutics 615.854
bridge	agric. 632.8	shore	agriculture 634.664
plant		shot	ordnance 623.45122
materials	631.341	sugar	manufacture 664.1
methods	631.541	Grapefruit	634.323
<sup>1</sup> Grafton co. N. H. hist.	974.23	Graperies	architecture 728.98
Grafts	protection 631.5417	Grapes	634.8
Graham shorthand	653.52	Graphic, etc. <i>see</i> Grafic	
Grail, holy legends	398.2	Graphite	econ. geol. 553.26
Grain		Graphitic anthracite " "	553.25
agriculture	633.1	Grass flies	pests 632.75
<sup>1</sup> Coast, Africa hist.	966.6	hook	631.3511
duty on	337.5	knife	631.3511
elevators	architecture 725.36	Grasses	
production	pol. econ. 338.1	agriculture	633.2
trade	dom. trade 381	botany	584.9
Graining	house paint'g 698.1	ornamental	716.1
Grains	agriculture 633.1	Grasshoppers	pests 632.72
Grallatores	zoology 598.3	zoology	595.72
Gram machine	electricity 537.83	Grates	
Gramineæ	botany 584.9	fireplaces	697.1
Grammar		locomotiv boiler	621.1332
comparativ	415	steam engineering	621.18352
elementary education	372.6	Gratings, timber	architec. 721.15
schools	public schools 379.17		
universal	comp. philol. 415		
<sup>2</sup> Grammars	Eng. lang. 425		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<sup>1</sup> Gratiot co. Mich. hist.	977.449	Great Britain	
Gratitude ethics	179.9	gentry, landed	929.725
Grattan, H: Eng. oratory	825.65	government	354.42
Gratuities		heraldry	929.6
legislative employees	328.3626	<sup>1</sup> history	942
political economy	331.238	knightage	929.723
Grave		parliament	328.42
mounds prehist. arch.	571.92	peerage	929.721
stones monuments	718	politics	329.942
yards	719	precedence	929.724
Gravel		society of 2d war with	369.144
disease	616.62	titles of honor	929.72
foundations	721.14	Great circle sailing	527.5
petrography	552.51	lakes, U. S. travel	917.7
roads engin'g	625.7	Great Russia	
roofing bilding	695.6	<sup>1</sup> Northern history	947.2
Graves cemeteries	719	travels	914.72
Graves' disease	616.44	<sup>1</sup> Southern history	947.3
Gravimetric anal. chem.	545.1	travels	914.73
Gravina, G. V. Ital. essays	854.55	Great Salt lake travels	917.92
Graving		schism	270.3
docks hydraulic engin'g	627.3	war 1914-19 history	940.3
shipbuilding	623.83	Grecian bend fashions	391.2
Gravitation		Grecian, see also Greek	
celestial dynamics	521.12	Greco-Russian church	281.9
system waterworks	628.12	Greece	
theories	531.51	ancient antiquities	913.38
Gravity		architecture	722.8
center of	531.24	art, history of	709.38
experiments geodesy	526.7	history	938
physics	531.5	modern administration	354.495
railways	625.3	botany	581.9495
specific	532.4	finance	336.495
Gray, Thomas Eng. poetry	821.61	geology	554.95
Gray		history	949.5
African goose	636.59886	maps	912.495
Chittagong fowls	636.5852	schools	379.495
friars Franciscans	271.3	statistics	314.95
matter, cerebellar anat.	611.81713	travel	914.95
of cord	611.822	treaties	341.2495
multiplex telegraf	621.38237	Greed ethics	179.8
telautograf	621.3826	Greek	
Toulouse goose	636.5984	archipelago ancient hist.	939.1
wild goose	636.59881	<sup>1</sup> mod.	949.9
Grazzini, A. Ital. fiction	853.41	architecture	722.8
Grease chem. tech.	665.2	calendar	529.3
Great Britain		church	281.9
antiquities	913.42	classics	880
baronetage	929.722	dialects	487
church history	274.2	fire customs of war	399
colonies	325.342	independence mod. hist.	949.506
commerce	382	<sup>4</sup> language	480
constitution	342.42	<sup>4</sup> modern	489
det of finance	336.42		
dignities	929.724		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Greek  
 literature 880  
 \* modern 889  
 mythology 292  
 orders of architecture 729.32  
 paleografy inscriptions 481.7  
 philosofy 180  
 revival architecture 724.2  
 sculpture 733  
 theory of music 781.8  
 Green, J. Amer. poetry 811.14  
 Green  
 1 Bay, Wis. history 977.561  
 1 co. N. Y. " 974.737  
 1 Wis. " 977.586  
 fodder, storing 631.563  
 zootechny 636.08551  
 vegetable dyes 633.864  
 1 Lake co. Wis. history 977.559  
 manures agriculture 631.874  
 mts, Vt. description 917.43  
 Greenback party 329.82  
 Greenbacks paper money 332.5  
 U. S. finance 336.73  
 1 Greenbrier co. W. Va. hist. 975.488  
 1 val. " " 975.486  
 Greene, R. Eng. drama 822.31  
 1 Greene co. Ill. history 977.384  
 travels 917.7384  
 1 Ind. history 977.242  
 1 Ia. " 977.7466  
 1 Mo. " 977.878  
 1 O. " 977.174  
 1 Pa. " 974.883  
 Greenhouses  
 architecture 728.98  
 plant forcing 631.5444  
 protection 631.3444  
 Greenland  
 discovery of Scan. hist. 948.02  
 1 history 998  
 Greens kitchen garden 635.4  
 Greensand petrografy 552.58  
 molding foundry 621.745  
 Greensickness diseases 616.15  
 gynecology 618.17  
 Gregarinidæ zoology 593.19  
 Gregariousness of animals 591.55  
 Gregorian  
 calendar 529.5  
 chant ecclesiology 246.8  
 sacred music 783.5  
 Grenades ordnance 623.45114  
 1 Grenville co. Ont. hist. 971.374  
 Gresban, Arnoul Fr. dram. 842.21  
 Gresset, J. B. L. " satire 847.51  
 Grévin, Jacques " dram. 842.35  
 Grévy, Jules Third repub. 944.08  
 Grey, see Gray  
 1 co. Ont. hist. 971.318  
 Grids elec. engin'g 621.3522  
 Griepenkerl, W. R. Ger. dra. 832.72  
 Griffin folklore 398.4  
 heraldry 929.6  
 Grilles arch. construct. 721.87  
 Grilling cookery 641.76  
 Grillparzer, F. Ger. dram. 832.73  
 Grimmelshausen, H. J. C. von  
 German fiction 833.52  
 Grimm's law comp. philol. 412  
 Grinders' occupation hyg. 613.63  
 Grinding  
 flour mills 679  
 machines mech. eng. 621.92  
 practical chemistry 542.22  
 Grindstones 621.923  
 Gringoire, Pierre Fr. dram. 842.23  
 Grip diseases 616.203  
 public helth 614.5  
 Grison swine 636.449  
 Gristle  
 chemic composition 612.7512  
 histology 611.0183  
 Gristmills architecture 725.47  
 Gritstone sheep 636.3261  
 Groceries adulterations 614.3  
 Grocers' occupation hyg. 613.63  
 Grocery stores 641.4  
 Groind vaults architect. 721.44  
 Grooming zootechny 636.0833  
 Grooving machines 621.91  
 Groselles 634.72  
 Grossi, Tommaso Ital. fict. 853.73  
 Grotesque forms  
 decoration in relief 729.53  
 painted decoration 729.43  
 Grottoes phys. geografy 551.44  
 Ground  
 air hygiene 613.14  
 public helth 614.773  
 hygiene of " " 614.7  
 substance, bony histol. 611.01843  
 of connectiv tissue 611.01823  
 water agriculture 631.432  
 phys. geografy 551.49  
 Grounds, private 712  
 Group system curriculum 375.005  
 Groves landsc. gardening 715

- Groveton, Va. battle of 973.7328
- Growth  
 after birth physiology 612.65  
 biology 577.3  
 botany 581.134  
 disproportionate deform. 617.37  
 incomplete " 617.31  
 of cities administration 352.001  
     statistics 312  
     library, provision for 022.13  
     ration during physiol. 612.394  
     zoology 591.134
- Grubber 631.3162
- Grubbing ax 631.3116  
 hoe 631.3116
- Grubs pests 632.76
- Grundtvig, N. F. S.  
     Dan. poet. 839.8163
- <sup>1</sup>Grundy co. Ill. history 977.326
- <sup>1</sup>    Ia. " 977.7537
- <sup>1</sup>    Mo. history 977.8215
- Gruyère cheese 637.3544
- Gryphus, A. Ger. drama 832.51
- Gryphon folklore 398.4  
 heraldry 929.6
- <sup>1</sup>Guadaloupe history 972.97  
 travels 917.297
- Guadaloupe sheep 636.362
- <sup>1</sup>Guam history 996.7  
 travel 919.67
- <sup>1</sup>Guanajuato, Mex. hist. 972.4
- Guano  
 economic geology 553.64  
 fertilizers 631.854
- Guaranties and sureties 347.7
- Guarantor, reader's lib. 024.14
- Guardianship law 347.6
- Guarini, G. Ital. poetry 851.45
- <sup>1</sup>Guatemala history 972.81
- Guava agriculture 634.421
- Gubbio, Bosone da Ital. fic. 853.14
- Gubernatis, Angelo de  
     Italian miscellany 858.81
- Gudrun German poetry 831.22
- Guelderland fowls 636.548
- Guelders poultry 636.548
- Guelphs Italian history 945.04
- Guerilla  
 life military science 355.12  
 warfare internat. law 341.3
- Guerillas  
 northern U. S. civ. war 973.7417  
 southern " " " 973.742
- <sup>1</sup>Guernsey co. O. history 977.192
- <sup>1</sup>Guernsey iland history 942.34  
     travels 914.234
- Guernsey cattle 636.2244
- Guerrazzi, F. D. Ital. fict. 853.74
- <sup>1</sup>Guerrero, Mexico hist. 972.7
- Guerrière, ship U. S. hist. 973.5251
- Guerrini, Olindo Ital. poet. 851.87
- Guggisberger goat 636.3936
- <sup>1</sup>Guiana, South Am. hist. 988
- Guicciardini, F. Ital. essays 854.34
- Guidance, vocational 374.1
- Guide  
     books 910  
     vanes steam turb. design 621.16533  
     theory 621.16513
- Guides, railroad 656  
 land settlement agric. 631.11
- Guidi, Ales. Ital. poetry 851.55
- Guidiccioni, G. " " 851.37
- <sup>1</sup>Guienne, France history 944.7
- Guilds  
 business polit. econ. 338.6  
 parish work 256
- Guilford, N. C. Am. revol. 973.3372
- Guillotine law 343.2
- Guinea  
<sup>1</sup> Lower, Africa history 967.1  
<sup>1</sup> New history 995  
     travels 919.5  
<sup>1</sup> Upper, Africa history 966.5
- Guinea fowls 636.593  
 goat 636.3986  
 goose 636.59886  
 pigs dom. animals 636.9  
     zoology 599.3  
 sheep 636.386  
 squash 635.646  
 swine 636.486
- Guinicelli, Guido Ital. poet. 851.13
- Guitar music 787.6
- <sup>1</sup>Gujerati language 491.47
- Gulf  
 of Mexico phys. geog. 551.463  
 society of army and  
     navy of 369.156  
 squadron U. S. civ. war 973.756
- <sup>1</sup> states, U. S. history 976  
 For military history of all or  
 individual states, see subdivisions  
 of Special campaigns and Military  
 history under 973.52, 973.7 and  
 973.89  
 stream phys. geografly 551.471
- Gulfs  
 hydrografy of survey'g 526.99

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Gullet, diseases of	616.32	Guys elec. lines	621.319223
Gum collectors	631.3588	<sup>1</sup> Guysborough co. N. S. hist.	971.621
Gumbo	635.648	Gyllembourg - Ehrensward,	
Gums		T. C. Danish fiction	839.8361
anatomy	611.314	Gyllenborg, G. F. Sw.poet.	839.7146
and resins chem. tech.	668.4	Gymnasia Ger. schools	379.43
chemistry of nutrition	612.39612	Gymnasiums	
fossil econom. geol.	553.29	architecture	725.85
gathering agric.	631.5568	library bildings	022.666
perfume plants "	633.816	school "	371.624
vegetable drugs	615.335	Y. M. C. A.	267.327
Gun		Gymnastics	
boats shipbiling	623.825	curativ	615.82
carriages, traction of	623.58	hygiene	613.71
cotton explosivs	662.2	<b>school hygiene</b>	371.73
making	683	vocal elocution	808.5
mounts, reaction of	623.57	vocal music	784.9
naval engineering	623.825	Gymnoasceæ botany	589.238
Gunnbiorn discov. of Amer.	973.13	Gymnocarpæ botany	589.17
<b>Gunnery mil. eng.</b>	623.5	Gymnosophists philosofy	181.4
Gunning sports	799	<b>Gymnospermæ botany</b>	585
Gunpowder		<b>Gynecology</b>	618.1
<b>care mil. engin'g</b>	623.48	Gypsies, <i>see</i> Gipsies	
explosivs	662.3	Gypsum	
manufacture hygiene	613.66	economic geology	553.63
protec. of life	614.832	fertilizers	631.821
military engineering	623.4521	lithology	552.53
plot English history	942.061	Gypsy, <i>see</i> Gipsy	
Guns		Gyre, paracentral anat.	611.81316
animal capture zootech.	636.081112	Gyri operti "	611.81319
<b>military engineering</b>	623.4	Gyroscope aerostation	523.28
theory of	623.51	astronomy	523.28
Gunshot wounds surgery	617.145		
Gunter's scale math. instr.	510.8		
Gurney shorthand	653.32		
Gustaf 3 Swed. drama	839.7252		
<b>Gustation physiology</b>	612.87		
Gustavus Adolphus			
Swedish history	948.04		
miscellany	839.7824		
Gut, primitiv embryol.	611.01335		
Gutcleaning air pollution	614.742		
Gutenberg hist. of print.	655.111		
<sup>1</sup> Guthrie co. Ia. history	977.749		
Gutierrez, A. G. Span.poet.	861.54		
Gutta			
percha rubber manuf.	678		
serena eye diseases	617.75		
Guttiferæ botany	583.163		
<b>Guttiferales "</b>	583.16		
Gutzkow, K. F. Ger. dram.	832.78		
<sup>1</sup> Guyandotte val. W. Va. hist.	975.441		
Guyot de Provins Fr.satire	847.11		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Habakkuk Bible	224.95	Hakluyt society geografy	910.6
Habeas corpus law	347.1	<sup>1</sup> Haldimand co. Ont. hist.	971.337
Habena anatomy	611.8145	Hale, Nathan Am. revol.	973.385
Habenula "	611.8145	Half	
Haberdashery clothing	646.32	sugar mangel	633.416
Habit		timberd walls architect.	721.21
mental faculties	158	tone process photog.	777
physiologic psychology	612.82134	way covenant	285.8
Habitations, animal	591.52	Halfa fibers	633.583
see also Dwellings		Halfbred Leicester sheep	636.3213
Habits		Haliburton, T. C. Am. hum.	817.38
<b>animals zoology</b>	<b>591.5</b>	<sup>1</sup> Haliburton co. Ont. hist.	971.361
<b>customs</b>	<b>390</b>	Halicarnassus Gk antiqui.	913.3924
laboring classes pol. econ.	331.84	Halids organic chem.	547.7
morbid hygiene	613.87	Halifax	
of children dom. econ.	649.6	<sup>1</sup> city, N. S. hist.	971.622
<b>plants physiol. botany</b>	<b>581.5</b>	travel	917.1622
Hack licenses loc. gov't	352.8	<sup>1</sup> co. N. S. hist.	971.621
Hackney coach horse	636.1423	fishery award U. S. hist.	973.81
Hackländer, F; W; Ger. fict.	833.78	Hall, J. English satire	827.33
Hadamar von Laber " poet.	831.32	Hall furniture dom. econ.	645.61
<sup>1</sup> Haddington, Scotland hist.	941.45	marks plate	736
Hades ancient mythol.	292	Halle swine	636.431
doctrinal theol.	236.4	Halleck, Fitz-Greene Am. lit.	811.31
Hadley's quadrant astron.	522.41	Haller's rete testis	611.6315
<sup>1</sup> Hadramaut, Arabia hist.	953.4	Halley's method astron.	523.94
Hæmodoraceæ botany	584.23	Hallman, K: I. Swed. dram.	839.7251
Haem-, haema-, haemato-, haemo .		Halloweve customs	394
see also Hem-, hema-, hemato-,		Halls	
hemo-		central lib. bildings	022.51
<sup>1</sup> Hagerstown, Md. history	975.292	city architecture	725.13
travels	917.5292	exhibition "	725.91
Haggai Bible	224.97	for lectures "	725.83
<sup>1</sup> Hague, The history	949.2	music "	725.81
travels	914.92	public hygiene	613.55
tribunal	341.1	riding architecture	725.88
Hahn Hahn, I. Ger. fic.	833.76	society student life	371.86
Hahnemann's theory med.	615.53	temporary architecture	725.92
Hail storms agriculture	632.14	town "	725.13
meteorology	551.55	turn "	725.85
Haimonskinder, die	831.37	Hallucinations	
Hair		mind and body	133.2
anatomy	611.781	physiology	612.82189
diseases of	616.54	<b>Halogen group chemistry</b>	<b>546.12</b>
domestic materials	646.17	Haloids organ. chem.	547.4
dressing customs	391.5	Halorageæ botany	583.398
toilet	646.7	Halos optics	535.4
dyes "	646.7	religious art	246.5
engineering materials	620.198	<sup>1</sup> Halton co. Ont. hist.	971.353
organic chemistry	547	Hamamelideæ botany	583.394
physiology	612.799	Hamamelis therap.	615.323394
pickers' occupation hyg.	613.63	<sup>1</sup> Hamar, Norway history	948.4
<sup>1</sup> Haiti history	972.94	Hamatum, os anatomy	611.71778
travel	917.294		

Topics in black face type are subdivided. Superior figures refer to the table at the end of this index

<sup>1</sup> Hamburg, Ger. history	943.51	Handwriting	652
travels	914.351	Hangars aeronautics	629.144
fowls	636.531	Hangers mech. engin'g	621.822
Hamilton		Hanging punishments	343.2
Alexander Am. oratory	815.21	Hangings	
Sir W: Eng. philos.	192.9	textil bilding	698.7
<sup>1</sup> Hamilton city, O. hist.	977.1751	dom. econ.	645.3
<sup>1</sup> Ont. "	971.352	<sup>1</sup> Hannibal, Mo. history	977.8351
<sup>1</sup> co. Ill. "	977.395	Hanover	
<sup>1</sup> Ind. "	977.256	<sup>1</sup> Germany history	943.53
<sup>1</sup> Ia. "	977.752	travels	914.353
N. Y. hist.	974.752	house of English hist.	942.07
<b>Hamitic language</b>	493	Irish "	941.57
races	572.893	Scottish "	941.07
Hammarsköld, L.	839.7462	Hanoverian horse	636.143
Hammer anat. of ear	611.857	merinos	636.36732
Hammers machine tools	621.97	sheep	636.3335
<sup>1</sup> Hampden co. Mass. hist.	974.42	swine	636.434
<sup>1</sup> Hampshire co. " "	974.42	Hanseatic leag hist.	943.5
<sup>1</sup> W. Va. "	975.495	<sup>1</sup> Hants co. England "	942.27
down sheep	636.3232	<sup>1</sup> N. S. "	971.635
Hammers cattle	636.2262	Happiness ethics	171.4
<sup>1</sup> Hancock co. Ill. "	977.343	Hapsburg, house of, Ger.	943.026-06
<sup>1</sup> Ind. "	977.258	Harbor defenses fortifica.	623.1
<sup>1</sup> Ia. "	977.724	engineering	627
<sup>1</sup> Me. "	974.14	Harbors	
<sup>1</sup> O. "	977.119	hydrografy of surveying	526.99
<sup>1</sup> W. Va. "	975.412	<b>Hard cheese</b>	637.354
Hand		fibers	633.57
arteries anatomy	611.1344	labor punishments	343.2
barrows	631.3731	Hardenberg, F; von Ger. fic	833.63
carts	631.3734	<sup>1</sup> Hardin co. Ill. history	977.398
chirromancy	133.6	<sup>1</sup> Ia. "	977.753
cultivators	631.3161	<sup>1</sup> O. "	977.144
dressing of ore min. eng.	622.72	Harding shorthand	653.35
equipment laundry	648.15	Hardness	
feeding zootechny	636.08413	engineering tests	620.1126
human anatomy.	611.976	of molecules physics	539.53
lamps dom. econ.	644.321	Hardshel baptists	286.4
language def and dum	371.912	<b>Hardware manuf.</b>	671
laundering	648.22	<sup>1</sup> Hardy co. W. Va. history	975.493
lymfatics anatomy	611.42176	Harelip surgery	617.32
muscles "	611.7377	Harems customs	392.6
rollers	631.3141	Haren, O.Z. van Dut. dram.	839.3244
railing stair bilding	694.8	Willem van " poet.	839.3145
plow	631.3121	Hares dom, animals	636.9
turning lathes	621.94	zoology	599.3
<b>Handbooks of travel</b>	910	<sup>1</sup> Harford co. Md. history	975.274
<b>Handicraft mechan. trades</b>	680	Haricots kitchen garden	635.652
Handkerchief customs	391.6	Häring, W; Ger. fiction	833.75
toilet	646.48	Harington, J: Eng. satire	827.32
Handling minerals mining	622.61	Harlem Heights	
Hands, artificial surgery	617.57	battle Amer. revol.	973.3324
Handspikes ordnance	623.4361	Harlots ethics	176.5

Harmar's exped. U.S.hist.	973.42	Harth money pol. econ.	336.27
Harmonic multiplex teleg.	621.38237	Hartmann von Aue Ger. lit.	831.26
Harmonics		Harts	
analytic geometry	516.56	lymfatic comp.physiol.	612.424
modern "	513.56	Hartzembusch, J. E. Sp. lit.	861.56
music	781.1	Harvard	
Harmonists sects	289.9	table system	642.55
Harmonium	786.9	university	378.744
Harmony		Harvesters	
music	781.3	<b>corn</b>	<b>631.355</b>
of colors		<b>grain</b>	<b>631.3542</b>
optics	535.6	Harvesting	
painting	752	<b>machines</b>	<b>631.35</b>
gospels Bible	226.1	<b>operations</b>	<b>631.55</b>
Harness		Harz mountain goat	636.393
breaking to zootechny	636.08862	<sup>1</sup> Hasa, Arabia history	953.6
care "	636.0837	Hashish ethics	178.8
farm transport	631.374	hygiene	613.82
horse domestic animals	<b>636.14</b>	Hasp cultivators	631.3162
Harnessmaking	685	<sup>1</sup> Hastings co. Ont. hist.	971.358
Harp	787.5	Hat fibers	633.584
Harpers Ferry		Hatchet, pruning	631.3425
<sup>1</sup> W. Va. history	975.499	Hatching	
invasion U.S. "	973.68	<b>artificial zootechny</b>	<b>636.08247</b>
Harpichord	787.9	engraving	762
Harquebus firearms	623.441	Hate ethics	179.8
Harrington, J. Eng. fic.	823.41	Hatmaking	687
Harris, W: T. Amer. phil.	191.8	Hatracks dom. econ.	645.61
Harrisburg, Miss. U.S. hist.	973.7372	lib. "	022.921
<sup>1</sup> Pa. hist.	974.818	<b>Hats clothing</b>	<b>646.5</b>
insurrect'n	974.8	costume	391.4
Harrison, B: presidency of	973.86	Hatteras inlet U.S. civ. war	973.751.
W: H: " "	973.58	Hauch, J. C. Danish poet.	839.8164
<sup>1</sup> Harrison co. Ind. history	977.221	Hauff, W; German fic.	833.67
<sup>1</sup> Ia. "	977.747	Haulage	
<sup>1</sup> Harrison co. Mo. history	977.817	animal min. eng.	622.65
<sup>1</sup> O. "	977.168	mechanic " "	622.66
<sup>1</sup> W. Va. "	975.457	Haunted houses	133.1
Harrowing	631.513	Hautbois strawberry	634.752
Harrows	631.313	Haute	
Hart		<sup>1</sup> Garonne, France history	944.86
<b>anatomy</b>	<b>611.12</b>	<sup>1</sup> Loire " "	944.81
diseases	616.12	<sup>1</sup> Marne " "	944.33
ectopic physiol.	612.1717	<sup>1</sup> Saône " "	944.45
effect of sympathet. syst.	612.897	<sup>1</sup> Savoie " "	944.49
<b>toxins physiol.</b>	<b>612.174</b>	<sup>1</sup> Vienne " "	944.66
vagus "	612.819911	Hautes	
in asphyxiation "	612.2323	<sup>1</sup> Alpes, " "	944.97
membranes diseases of	616.11	<sup>1</sup> Pyrénées " "	944.78
physiology	612.17	<sup>1</sup> Havana history	972.91
valvs anatomy	611.1263	travels	917.291
Harte, F. Bret Am. fiction	813.45	Haven shorthand	653.56
<sup>1</sup> Hartford city, Ct. history	974.63	Haversian canals histol.	611.01843
conven. U.S. "	973.521		
<sup>1</sup> co. Ct. history	974.62		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<sup>1</sup> Havre, France	history	944.25	Hearings	
	travels	914.425	legislativ procedure	328.3742
Hawaii			Heart, <i>see</i> Hart	
annexation	U. S. hist.	973.88	Hearth money	pol. econ. 336.27
<sup>1</sup> history		996.9	Heat	
travel		919.69	agriculture	632.12
Hawaiian			<b>animal physiology</b>	<b>612.5</b>
annexation treaty		973.86	breeding	zootechny 636.082451
language		499	diaphoretics	615.743
Hawes, S.	Eng. poetry	821.25	disinfection	contag. dis. 614.483
Hawkesworth, J.:	" essays	824.65	effect on books	025.8
Hawking	sports	799	plants	581.54
business		639.1	engins	air engins 621.41
Hawkins, J.:	discov. of Am.	973.17	food preservation	641.4
Hawk			geologic agents	551.94
agricultural pest		632.682	imponderable remedies	615.832
captor	zootechny	636.081113	mesology	physiology 612.01443
Hawyers	ship outfit	623.86	meteorology	551.52
strength of		620.11288	muscular	physiology 612.7455
Hawthorne, J.	Amer. fic.	813.47	of earth	525.2
N.	" "	813.33	moon	523.32
Hay	agriculture	633.2	stars	523.82
dry fodder	zootechny	636.08554	sun	523.72
fever	diseases	616.202	<b>physics</b>	<b>536</b>
gatherers		631.3532	<b>physiologic effects</b>	<b>612.59</b>
making		631.553	<b>production, muscular</b>	<b>612.745</b>
rakes		631.3532	protection of animals	636.08362
spreaders		631.3531	slow, cooking by	641.588
stackers		631.3534	thermochemistry	541.36
Haybox	cookers	643.338	Heaters, feedwater	621.197a
Hayracks		631.3735	portable	644.19
Hayes, R. B.	presidency of	973.83	Heath sheep	636.333
Hayne, P. H.	Am. poetry	811.42	Heathen	
<sup>1</sup> Hayti	history	972.94	apologetics against	239.3
travel		917.294	<b>art ecclesiology</b>	<b>246.2</b>
Haze	meteorology	551.57	<b>missions to</b>	<b>266</b>
Hazelnut		634.54	philosofy vs the church	261.2
Hazing	student life	371.82	<b>religions</b>	<b>290</b>
Hazlitt, W.:	Eng. essays	824.76	salvation of	234
Head, Headgear, etc., <i>see</i>			<b>Heathenism nonchr. relig.</b>	<b>299</b>
Hed, Hedgegear, etc.			Heating	
Healing, divine		265.8	apparatus dairy	637.1322
Health, <i>see</i> Helth			<b>ilding</b>	<b>697</b>
Hearing			cheesemaking	637.3334
acoustics		534.7	<b>domestic economy</b>	<b>644</b>
<b>anatomy</b>		<b>611.85</b>	houses	sanitary engin'g 628.8
asylums for def		362.4	<b>libraries</b>	<b>022.8</b>
<b>diseases</b>		<b>617.8</b>	milk preservation	637.1332
ear hospitals		362.1	physics	536.83
facial nerv		612.81974	<b>practical chemistry</b>	<b>542.4</b>
localization of sense		612.82555	school bildings	371.628
<b>physiology</b>		<b>612.85</b>	shipbilding	623.85
psychology		152.2	steam plants	621.19
			<b>systems dom. econ.</b>	<b>644.1</b>

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Heaven theology	237.4	Heiberg, P: A. Dan. dram.	839.8258
Heavenly bodies		Heidelberg catechism	238.41
figures of	521.14	<sup>1</sup> history	943.46
rotation of	521.15	travels	914.346
<b>Heavy current engineering</b>	<b>621.31-.37</b>	Heideschnucken	636.333
Hebbel, F; Ger. drama	832.77	Height, <i>see</i> Hight	
Hebraic Sabbath	263.1	Heine, H; Ger. poetry	831.75
Hebrew ancient history	933	Heinrich von Veldeke	831.23
<sup>4</sup> language	492.4	Heinrije van Veldeke	839.3112
<sup>5</sup> literature	892.4	Heirs law	347.6
religion	296	<sup>1</sup> Hejaz, Arabia history	953.2
Hebrews epistles	227.87	Hektograf offis appliances	652
modern history	296	Heldenbuch Ger. poetry	831.29
<sup>1</sup> Hebrides "	941.17	das K.v.d.Röhn	831.35
<sup>1</sup> New history	993.4	Heliand Saxon epic poetry	839.2
travels	919.34	Helicopters aeronautics	629.176
Hebrides, sheep	636.3258	Heliocentric	
Hed		longitude and latitude	521.25
ake diseases	616.84	place	521.2
anatomy	611.91	Heliografs, military	623.731
art anatomy	743	Heliogravure photog.	777
boiler steam engineering	621.18452	Heliometer astronomy	522.45
bones anat.	611.714	Heliostat "	522.58
bursae "	611.751	Heliotherapy medicin	615.831
craniology	573.7	Heliotropism mesology	612.014447
diseases	616	Heliotypes	774
dress customs	391.5	Heliozoa zoology	593.13
lymfatic glands anat.	611.461	<b>Helium group chemistry</b>	<b>546.29</b>
lymfatics "	611.4211	Hell theology	237.5
muscles "	611.732	Hellebore irritant poisons	615.93
oblique muscles "	611.7318	Hellenic languages, minor	489
phrenology	139	Helmers, J. F. Dutch poet.	839.3152
surgery	617.51	Helminthology zoology	595.1
Hedakes diseases	616.84	Help, <i>see</i> Servants	
Hedberg, F. Swed. dram.	839.7265	Helps, Sir A. Eng. essays	824.84
Heders	631.3543	Helps for laboring classes	331.85
Hedge trimmer	631.3421	Helth	
Hedgear, indoor	646.48	affected by soil	614.77
outdoor	646.5	boards of local gov't	352.4
Hedges agriculture	631.27	pub. helth	614
landsc. gardening	715	for library servis	023.54
Heding pruning	631.54213	laws hygiene	613
Hedjaz, Arabia history	953.2	lift therapeutics	615.82
Hedonism ethics	171.4	of students	371.71
Hedstones monuments	718	public	614
mortu. design	247.3	resorts hygiene	613.12
Hedysareae legume crops	633.376	Helths	
Heel anatomy	611.986	drinking of customs	394.1
bone "	611.71873	ethics	178.3
scrape	631.3164	Hematin physiology	612.11116
Hegel German filosofers	193.5	Hematoidin "	612.11116
Hegelund, P. J. Dan. dram.	839.8233	Hematology, <i>see</i> Blood	
Hegesias Gk filosofers	183.5	Hematopoiesis physiology	612.119
Heiberg, J. L. Dan. dram.	839.8262		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Hematopoietic					
action of spleen	612.411				
function of liver	612.356				
Hematoxylin physiology	612.11116				
Hematuria	612.46669				
Hemeralopia	612.8456				
Hemin	612.11116				
Hemiplegia paralysis	616.842				
Hemiptera insects	595.75				
Hemlock					
therapeutics	615.786				
Hemming dom. econ.	646.21				
Hemmingsen, N. Dan. misc.	839.883				
Hemocyanin physiol.	612.11118				
Hemoglobin blood	612.11111				
nutrition	612.3981452				
Hemoglobinuria physiol.	612.46669				
Hemolytic subst.	612.111145				
Hemophilin	612.11533				
Hemorrhage					
in labor obstetrics	618.54				
of the lungs diseases	616.234				
physiology	612.1162				
Hemorrhoidal					
artery, middle anat.	611.13774				
nervs, " "	611.839				
plexus " "	611.1471				
Hemorrhoids diseases	616.35				
Hemostasia physiology	612.11621				
Hemp					
agriculture	633.53				
See also distinguishing name					
domestic economy	646.12				
engineering materials	620.197				
gathering	631.5565				
harvesters	631.3565				
manufactures	677				
Hen pigeons	636.59628				
<sup>1</sup> Henderson co. Ill. hist.	977.341				
<sup>1</sup> Hendricks co. Ind. "	977.253				
Henequen agave fibers	633.5771				
Henri Deux ware pottery	738				
Henry 1 Eng. history	942.023				
2 " "	942.031				
Irish history	941.52				
3 Eng. history	942.034				
4 " "	942.041				
5 " "	942.042				
6 " "	942.043				
7 " "	942.051				
8 " "	942.052				
Henry 1 French history	944.021				
2 " "	944.028				
3 " "	944.029				
4 " "	944.031				
Henry 1 Ger. history	943.022				
2 " "	943.022				
3 " "	943.023				
4 " "	943.023				
5 " "	943.023				
6 " "	943.024				
7 " "	943.026				
<sup>1</sup> Henry co. Ill. history	977.338				
<sup>1</sup> Ind. "	977.264				
<sup>1</sup> Ia. "	977.795				
<sup>1</sup> Mo. "	977.846				
<sup>1</sup> O. "	977.115				
Ft. capture U.S.civ.war	973.7322				
naval hist. "	973.752				
Hens diseases of	619.5				
poultry	636.5				
Hepatic					
artery anatomy	611.13641				
circulation physiology	612.3515				
duct anatomy	611.362				
extract physiology	612.3516				
nervs anatomy	611.8393				
opotherapy physiology	612.35161				
steatoses, toxic "	612.3541				
vein anatomy	611.1464				
Hepaticæ botany	588.3				
Hepatitis diseases	616.36				
Hepatology physiology	612.35				
Heptarchy Eng. history	942.01				
Heraclitus Gk philosophy	182.4				
Heraldry	929.6				
<sup>1</sup> Herat, Afghanistan hist.	958.3				
trav.	915.83				
<sup>1</sup> Herauld, France history	944.84				
Herb doctors cures	615.855				
Herbaceous grafting	631.54137				
Herbal perfume plants	633.812				
Herbariums	580.7				
architecture	727.6				
Herberay, N' d' Fr. fiction	843.33				
Herbert, G: Eng. poetry	821.38				
Herblike fruits	634.77				
Herbs garden crops	635.7				
Herculaneum description	913.377				
Herd					
books zootechny	636.0822				
character "	636.0821				
composition "	636.0823				
Herder, J; G. von Ger. poet.	831.64				
Herdwick sheep	636.3253				

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Hereditary			Heterophagic variat. zool.	591.153
diseases	hygiene	613.93	Heven	theology 237.4
genius	mental charac.	136.3	Heavenly bodies, figures of	521.14
membership in legis. bod.		328.3352	rotation "	521.15
societies, Amer.		369.1	Hevy current cells	621.3534
succession	law	347.6	<b>engineering</b>	621.31-.37
	pol. sci.	321.6	<b>Hexacorolla</b>	zoology 593.63
Heredity			Hexagons	geometry 513.16
evolution		575.1	Hexameters	
<b>hygiene</b>		613.9	English prosody	426.5
mental		136.3	Greek	" 486.5
origin of the soul		129.2	Latin	" 476.5
physiology		612.605	other languages	
spiritual doctrinal theol.		233.3	<b>Hexapoda</b>	zoology 595.7
zootechny		636.08211	Hexateuch	Bible 222.1
<sup>1</sup> Hereford, England	hist.	942.44	Heyse, P. J.; L.; Ger. fict.	833.85
sheep		636.3242	Heywood, J.; Eng. drama	822.21
cattle		636.2226	Hiatus	Greek prosody 486.4
<b>Heresies</b>		273	Latin	" 476.4
<b>Heretics, persecutions of</b>		272	other languages	
Herjulfson, B.	Amer. hist.	973.13	Hibbert lectures	religion 290
<sup>1</sup> Herkimer co. N. Y.	hist.	974.761	Hibernation	comp. phys. 612.58
Hermann v. Sachsenheim		831.33	zoology	591.54
Hermanni, N.	Swed. poetry	839.7111	<b>Hickory nut</b>	634.52
Hermaphrodites	animals	591.167	Hickok, L. P.	Am. philos. 191.4
man		573.9	Hickory co. Mo.	history 977.8496
Hermaphroditism	physiol.	612.608	Hicksites	friends 289.6
Hermeneutics	Bible	220.6	<sup>1</sup> Hidalgo, Mexico	history 972.4
Hermetic art	alchemy	540.1	Hide	eng. materials 620.198
Hermits	biografy	920.8	Hierarchy, military	355.33
<b>religious biografy</b>		922	<b>Hieroglyphics</b>	419
Hernia	diseases	616.34	Egyptian	493.1
Herniotomy	surgery	617.55	High	
Herodotus	Greek literat.	888.1	altitude observatories	522.14
Heroism	ethics	179.6	church	Anglican church 283
<b>Herpetology</b>		598.1	cranberry	634.745
Herrera, F. de	Span. poetry	861.35	huckleberry	634.737
Herrick, R.	Eng. poetry	821.43	license	temper. ethics 178.4
Herring fisheries		639.2	pressure engins	621.11253
Herrnhuters	sects	284.6	hot water heat'g	697.4
<sup>1</sup> Hertford	Eng. history	942.58	piping	hydraul. 621.253
Hertz, Henrik	Dan. dram.	839.8263	steam heat'g	697.5
Herzegovina	history	943.96	schools	379.17
Hesiod	Greek epic poetry	883.2	<b>speed telegrafy</b>	621.3824
Hesse-			treason	law 343
<sup>1</sup> Darmstadt	Ger. hist.	943.41	High	
<sup>1</sup> Nassau	" "	943.58	velocity overshot wheels	621.222
Hessian fly	agric. pests	632.77	Higher	
sheep	"	636.3332	<b>algebra</b>	512.8
Hessians	Amer. revol.	973.342	criticism	Bible 220.6
Hetærisism	customs	392.6	<b>education</b>	<b>academies</b> 373
Heterocera, <i>see</i>	Moths		<b>colleges</b>	378
Heterogenesis			of women	376.6
alternate generation		591.163	numeric equations	algeb. 512.22
spontaneous	"	591.161		

<sup>1</sup> Highland co. O. history	977.184	Hip	
Highland blackfaced sheep	636.3252	diseases of	616.7
Highlands, Scotland descr.	914.11	joint anatomy	611.7282
<sup>1</sup> hist.	941.1	muscles "	611.7381
Highmore's body anat.	611.6315	surgery	617.58
Hight		Hipparion paleontology	569.7
of atmosphere	523.58	Hippias Greek philos.	183.1
buildings ground hyg.	614.784	Hippocampal gyre anat.	611.81314
tide wave	525.65	sulcus "	611.81314
Hights, mesurem't survey'g	526.94	Hippocrates strainer chem.	542.67
Highway areas Eng. loc. gov.	352.0427	Hippology <i>see</i> Horse	
bridges engin'g	624.12	Hipponax Greek satire	887.3
Highwaymen law	343	Hippophagy hygiene	613.28
Highways		Hippuric acid physiology	612.461266
administration	351.811	Hirudinidæ medicin	616.9688
law	347.2	zoology	595.1
local government	352.7	Hirundinidæ "	598.8
road engineering	625.7	Histogenesis "	591.17
transportation	386	Histology	
travel on protec.of life	614.862	animals	591.8
Hil sowing	631.5313	botany	581.8
Hildebrand Italian hist.	945.93	human anatomy	611.018
religious "	270.4	of muscular contraction	612.7419
Hildebrandslied Ger. poet.	831.11	Historians, English biog.	928.28
Hillhouse, J. A. Am. dram.	812.23	Historic	
<sup>1</sup> Hillsboro co. N. H. hist.	974.28	atlases	911
<sup>1</sup> Hillsdale co. Mich. "	977.429	books Bible	222
Hilside plow	631.3124	charts and tables	902
Hilsides reclamation	631.613	geografy	911
Himalayan architecture	722.4	<sup>2</sup> magazines	905
Himalayas phys. geog.	551.43	painting	756
travel	915.42	school econ. systems	330.154
Himyaritic inscriptions	492.917	sermons	252.9
<sup>4</sup> language	492.9	<sup>2</sup> societies	906
Hindbrain anatomy	611.817	theology	209
<sup>4</sup> Hindi language	491.43	History	900
Hindoo, <i>see</i> Hindu		ancient	930
<sup>1</sup> Hindustan history	954	constitutional	342
Hindrances farming	632	ecclesiastic	270
Hindu architecture	722.4	general modern	909
<sup>4</sup> languages	491.1	literary, general	809
law	349.54	modern	940-999
philosofy	181.4	natural	590
religion	294	naval, <i>see</i> spec. countries	
Hinduism	294	of civilization	901
<sup>1</sup> Hindustan history	954	soil	631.49
<sup>4</sup> Hindustani language	491.43	philosofy of	901
Hinged		sacred	220.9
arch bridge engin'g	624.68	universal	909
Hinny domestic animals	636.183	<sup>2</sup> of special topics <i>see</i> subject	
Hinterwald goat	636.393	Histrionics	792
Hip		Hittites history	939.45
anatomy	611.981	Hives apiculture	638.1
bone	611.7181	skin diseases	616.51

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Hjärne, Urban Swed. misc.	839.7832	<sup>1</sup> Holmes co. O. history	977.164
Hobbes materialism	146	Holmström, I. Swed. poetry	839.7134
Hobbies		Holocephali zoology	597.3
Hobkirks hill, S.C. Am. rev.	973.3372	Holothuroidea "	593.96
<sup>1</sup> Hoboken, N. J. history	974.928	Holstein	
<sup>1</sup> Hochelaga co. Que. "	971.428	cattle domes. animals	636.2341
<sup>1</sup> Hocking co. O. "	977.183	<sup>1</sup> duchy of history	943.51
Hocky outdoor sports	796	Friesian cattle dom. anim.	636.2342
Hoe, grubbing	631.3116	horse dom. animals	636.143
horse	631.3162	<sup>1</sup> Holt co. Mo. history	977.8115
hand	631.3151	Holtz machine electricity	537.2
Hoefng tillage	631.515	Holy	
Hoffmann, E. T. W.; Ger. fict.	833.64	alliance European hist.	940.28
Hofmannswaldau " poet.	831.55	communion	265.3
Hog		Eastern church	281.9
diseases of	619.4	Ghost, knights of	929.716
domestic animals	636.4	theology	231.3
engin engineering	621.13262	grail legends	398.2
stys air pollution	614.762	land history, ancient	933
Hohenstaufen, house of		mod.	956.9
German history	943.024	pre-Israel. hist.	939.45
Hohenzollern " "	943.49	travels	915.69
Hoijer, B. K. H. Sw. essays	839.7461	leag history	944.029
Hoisting engins min. eng.	622.67	offis persecutions	272.2
machinery	621.86	Span. hist.	946.04
mining engin'g	622.6	orders church	265.4
of water mining	622.55	<b>Roman empire</b>	943
Hoists		road ecclesiology	247.9
blocks and tackle	621.862	scriptures	220
hydraulic	621.263	see	282
projectil ordnance	623.4364	Spirit theology	231.3
Holberg, L. Dan. dram.	839.8241	war thret Great war	940.315297
Hölderlin, J.; C. F.; Ger. poet.	831.67	water ecclesiology	246.6
Holderness cattle	636.2831	Homage feudalism	321.3
Holdover		Home, H: English essays	824.62
members legislatures	328.3356	J: " dram.	822.64
Holiday		Home	
opening library econ.	024.43	customs	392
work " "	023.633	domestic economy	643
Holidays		economics	640
customs	394	education library econ.	021.4
hygiene	613.77	of girls	376.3
laboring classes	331.817	self-education	374
library economy	023.65	vs school	373.11
school education	371.23	life ethics	173.7
Holiness doct. theology	234.8	meals domest. econ.	642.1
Holland, J. G. Am. essays	814.34	missions	266
Holland, see also Netherlands		relations customs	392.3
Holland swine	636.434	rule Irish history	941.58
Hollow tile		polit. parties	329.942
construction bilding	693.4	study, societies for	374.43
floors arch. construc.	721.63	use of books lib. reg.	024.6
Holly system waterwks	628.12	woman in	396.6
Holmes, O. W. Am. humor	817.32		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Homeopathy therap. 615.53  
 Homer Greek poetry 883.1  
 Homeric hymns 883.1  
 Homers pigeons 636.59635  
 Homes  
   country architecture 728.6  
   for aged architecture 725.56  
   poor, city " 728.11  
   country cottages 728.68  
   tenem'ts 728.12  
   hygiene 613.51  
   soldiers architecture 725.59  
   institutions 362.8  
   Washingtonian architect. 725.65  
   working girls instit. 362.8  
   pol. econ. 331.83  
 Homestead bill U. S. law 347.2  
 Homicide law 343  
 Homiletics theology 251  
 Homilies sermons 252  
 Homeopathy 615.53  
 Homoiothermic animals, 612.39196  
 Homologies biology 574  
   botany 581.4  
   zoology 591.4  
 Homonyms Eng. philol. 424  
 Homopolar mach. elec.eng. 621.313291  
 Homoptera entomology 595.75  
 Hondt system suffrage 324.224  
 Honduras  
   <sup>1</sup> British history 972.82  
   <sup>1</sup> Central America hist. 972.83  
   trav. 917.283  
   turkey 636.59213  
 Honesty ethics 174.7  
 Honey agriculture 638.1  
 Honeymoon customs 392.5  
<sup>1</sup>Hong Kong, China hist. 951.2  
   trav. 915.12  
<sup>1</sup>Honolulu history 996.9  
   travels 919.69  
 Honor  
   business ethics 174.7  
   military 355.13  
   roll of Great war 940.467  
   U. S. civ. war 973.767  
   student 371.81  
   system school gov't 371.59  
 Honorary  
   degrees colleges 378.25  
   titles heraldry 929.7  
 Honors  
   Great war 1914-19 940.46  
   military science 355.13  
 Hood, Robin legends 398.2  
   T: Eng. humor 827.72  
 Hoods, academic 378.29  
   domestic econ. 646.55  
 Hooft, C. Dutch drama 839.3232  
 Hoogvliet, Arn. " poetry 839.3143  
 Hook bone anatomy 611.71778  
 Hooks, bill 631.3424  
   grass 631.3511  
   pruning 631.3422  
   reaping 631.3511  
   strength of engin'g 620.1128  
   weed 631.3155  
 Hookworm disease pathol. 616.965  
   pub.health 614.55  
 Hooping cough diseases 616.204  
 Hoops, gun ordnance 623.4233  
   strength of engin'g 620.1128  
 Hoopt guns ordnance 623.4216  
 Hoosac tunnel engin'g 622.26  
 Höpken, A. J. von Swed. misc. 839.7845  
 Hopkinsianism Calvinism 284.2  
 Hopkinson, Francis Am. sat. 817.14  
 Hops agriculture 633.89 6  
   brewing 663.3  
 Horace Latin lyric poetry 874.5  
   satire 877.3  
 Hordeae grass crops 633.289  
 Horizon, artificial 522.57  
 Horizontal marine engines  
   steam " 621.1224  
   " " 621.11242  
 Horn organic chemistry 547  
   wind instrument 788.4  
 Hornbill birds 598.8  
 Horned cattle agriculture 636.2  
   dorset sheep 636.3233  
   Norfolk sheep 636.3235  
 Horneck, O. von Ger. poet. 831.31  
 Hornet  
   and Peacock U. S. hist. 973.5257  
   Penguin " 973.33155  
 Hornless Spanish goat 636.396  
 Horns anatomy 611.788  
   drinking customs 394.1  
   gray spinal cord 611.822  
 Horology astronomy 529.7  
   watchmaking 681  
 Horoscope astrology 133.5  
 Horse  
   artillery mil. engin'g 623.431  
   captor zootechny 636.081113  
   cars railroad eng. 625.6  
   cruelty to 179.3

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Horse			Host eucharist	265.3
cultivators		631.3162	Hostilities, <i>see</i> War	
diseases	veterin. med.	619.1	Hot	
<b>domestic animals</b>		<b>636.1</b>	air baths	hygiene 613.46
fertilizers		631.861	engins	621.41
hoe		631.3162	heating	bilding 697.3
pox	diseases	616.955	treatment	615.832
racing	amusements	798	drinks	hygiene 613.37
ethics		175.7	houses	agriculture 631.5445
railway	engineering	625.6	flower culture	716.3
sociology		386	springs	physical geol. 551.23
useful arts		656	water heating	697.4
rollers		631.3141	wether cookery	641.592
shoeing	trade	682.1	Hotblooded horses	636.12
zootechny		636.0834	Hotbeds	
training	dom. animals	636.1	forcing	631.5443
zoology		599.7	protection	631.3443
Horseman pigeons		636.59631	Hotchkiss	
Horsemanship		798	gun ordnance	623.4225
Horsepower, locomotiv		621.1311	revolving cannon	623.42242
Horseradish		633.846	Hotels	
Hortatory theology		243	architecture	728.5
Horticultural societies		716	cookery	641.572
<b>agric.</b>		<b>630.6</b>	family architecture	728.2
<b>Horticulture</b>	<b>agriculture</b>	<b>630</b>	housekeeping	647.94
art		716	hygiene	613.52
Hose	fire engins	614.846	Hottentots	description 916.87
Hosea	Bible	224.6	Houdan fowls	636.542
Hosiery	clothing	646.42	<sup>1</sup> Houghton co. Mich. hist.	977.499
costumes		391.4	Hour glasses	horology 529.78
manufacture		677	<b>system</b>	<b>lib. econ. 023.64</b>
Hospice of St Bernard			Hours	
protoc. of life		614.87	late	hygiene 613.79
Hospital			<b>library</b>	<b>regula. for read. 024.3</b>
cookery	dom. econ.	641.563	meal	lib. econ. 023.62
gangrene	diseases	616.941	of labor	dom. econ. 647.7
ships	shipbilding	623.826	newspaper offis	070.315
sketches	<b>Great war</b>	<b>940.476</b>	<b>polit. econ.</b>	<b>331.81</b>
U. S. civ. war		973.776	servis	lib. econ. 023.61
training schools		610.73	teachers	371.166
Hospitalers	knights	929.711	school	371.24
Hospitality	ethics	177.1	House	
Hospitals			<b>bilding</b>	<b>690</b>
<b>and asylums</b>	<b>arch.</b>	<b>725.5</b>	<b>care of</b>	<b>dom. econ. 648.5</b>
<b>Great war 1914-19</b>		<b>940.476</b>	<b>cleaning</b>	<b>" " 648.5</b>
hygiene		613.56	connections	sewerage 628.252
<b>institutions</b>		<b>362</b>	<b>domestic economy</b>	<b>643</b>
U. S. history	civil war	973.776	drainage	sewerage 628.6
Mex. "		973.627	drains	" 628.235
revolution		973.376	flies	domestic pests 648.7
Span. war		973.897	<b>furnishing</b>	<b>dom. econ. 645</b>
war of 1812		973.527	garments	" " 646.43
			of commons	English 328.42

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- House  
of correction 364  
lords English 328.42  
refuge 364  
representativs U. S. 328.73  
**painting bilding** 698.1  
repairs dom. econ. 643.7  
**sanitation** " " 648.5  
tax real estate 336.22  
wiring elec. lighting 621.3282
- Household  
accounts dom. econ. 647.1  
**administration** 647  
art decoration 747  
**organization** 647  
registers of servants 647.29  
servis, indoor 647.25  
outdoor 647.3
- Housekeeper dom. econ. 647.21
- Housekeeping 640  
cooperation 334.4  
schools dom. econ. 640.7
- Houses  
architecture 720  
care zootechny 636.0832  
**disinfection in cont. dia.** 614.48  
farm 631.21  
feeding in zootechny 636.08426  
flues in sewerage 628.233  
hygiene 613.5  
noble **heraldry** 929.7  
pipes on sewerage 628.234  
society student life 371.86
- Housewifery 640
- Housing  
of animals hygiene 614.94  
zootechny 636.0831  
laboring classes 331.83
- Houston's valvs rectum 611.351
- Houwaert, J.B. Dut. poet. 839.3125
- Hovenia 634.661
- Howard, H: Eng. poet. 821.28
- <sup>1</sup>Howard co. Ind. hist. 977.285  
<sup>1</sup> Ia. " 977.731  
<sup>1</sup> Md. " 975.281  
<sup>1</sup> Mo. " 977.8285
- <sup>1</sup>Howell co. Mo. " 977.885
- Howells, W: D. Am. fic. 813.43
- Howe's campaign** Am. rev. 973.3336
- Howitzer mounts ordn. 623.4322
- Howitzers " 623.4213
- Hubbard squash 635.622
- Hubbardton, Vt. Am. rev. 973.3332
- Huckleberry** 634.73
- Huckster licenses local gov. 352.8
- Hudson  
<sup>1</sup> bay territory history 971.2  
<sup>1</sup> co. N. J. " 974.926  
river campain Am. rev. 973.3321  
description 917.47
- Hudson's, H: voyage  
N. Y. hist. 974.7  
U. S. " 973.21
- Huerta, V.A.G. de la 861.43
- Huet, C. B. Dutch essays 839.3455
- Hugh Capet Fr. history 944.021
- Hughes printing telegraf 621.38253
- Hugo, V. M. Fr. drama 842.78  
" fiction 843.78  
" poetry 841.78
- Huguenots  
church 284.5  
lives 922.4  
persecutions 272.4
- Hulsean lectures apologet. 239.03
- Human  
ability doctrinal theol. 233.4  
**anatomy** 611  
body art anatomy 743  
temperature 612.56  
**and mind** 130  
depravity doct. theol. 233.1  
excreta fertilizer 631.86  
**faculties psychology** 150  
figure perspectiv 515.67  
**habitations hygiene** 613.5  
life protec. fr. accident 614.8  
locomotion **physiol.** 612.766  
**mind psychology** 150  
nature **dogmatics** 233  
**mental charac.** 136  
**physiology** 612  
power agriculture 631.3711  
race **ethnology** 572  
resorts **hygiene** 613.5  
rights **pol. science** 323  
**sacrifice nonchrist. relig.** 290
- Humane societies** 179.2
- Humanism literature 880.7
- Humanism philosophy 149.9
- Humanitarianism sects 288  
theol. 230.8
- Humanity ethics 177.7
- Humanized vaccination 614.4732

Humbert Ital. hist.	945.09	'Huron co. Mich.	"	977.444
<sup>1</sup> Humboldt co. Ia. hist.	977.727	<sup>1</sup> O.	"	977.125
Humbugs delusions	133.7	<sup>1</sup> Ont.	"	971.322
Hume, D: Eng. essays	824.64	Huronian strata geology		551.71
philosophy	192.4	Hurricanes		551.55
Humeral artery anatomy	611.1342	Husband and wife ethics		173.3
Humero-		law		347.6
radial joint anatomy	611.72733	<b>Husbandry agriculture</b>		<b>630</b>
spinal muscles "	611.7311	Husbands, duties of eth.		173.3
ulnar joint "	611.72731	Husk tomato		635.647
Humerus "	611.7174	Huskers		631.3613
Humidity		Husking, corn		631.5613
soil	631.432	Hussites Christian sects		284.3
Humility ethics	179.9	Huttegen fowls, Belgian		636.548
Humiriaceæ botany	583.213	Huydecoper, Balthaser		
Humming birds zoology	598.8	Dutch drama		839.3243
Humor		Huygens, Constantijn		
<b>American literature</b>	<b>817</b>	Dutch poetry		839.3134
revolution	973.396	<b>'Huzwareah language</b>		<b>491.53</b>
aqueous anatomy	611.8449	Hvitfeld, Arild Dan. mis.		839.883
physiology	612.8444	Hyaloid canal anat.		611.8447
<sup>6</sup> English literature	827	membrane "		611.8447
Great war 1914-19	940.436	Hybrid turnip		633.425
library	020.88	Hybrids		
U. S. civil war	973.796	animals zoology		591.158
war of 1812	973.5296	zootechny		636.082431
vitreous anatomy	611.8447	plant breeding		631.523
physiology	612.8447	plants botany		581.158
<b>Humoral pathology</b>	<b>616.4</b>	Hydatids of Morgagni		611.633
Humorists, Eng. biography	928.27	parasitic diseases		616.964
Hundred days Fr. hist.	944.05	<sup>1</sup> Hyderabad, India history		954.9
Hungarian fowls	636.538	Hydragogs cathartics		615.7324
goat	636.393	Hydrations		
language	494	in organisms		612.01536
merinos	636.36737	mesology		612.0144612
sheep	637.373	<b>Hydraulic</b>		
swine, curly	636.472	brakes gun mounts		623.43563
shorteared	636.432	elevators engineering		621.8774
<sup>1</sup> Hungary history	943.91	lib. bldgs		022.954
<b>Hunger and thirst physiol.</b>	<b>612.391</b>	engin mech. engin'g		621.25
Huns history	950	physics		532.82
Hunt, Leigh Eng. essays	824.77	engineering		627
<sup>1</sup> Hunterdon co. N. J. hist.	974.971	sanitary		628
Hunters horses	636.13	giant engineering		621.269
Hunting business	639.1	<b>machinery</b>		<b>621.26</b>
sport	799	mining engineering		622.32
suits dom. econ.	646.47	motors		621.2
training zootechny	636.088662	press		621.266
<sup>1</sup> Huntingdon co. Pa. hist.	974.873	physics		532.82
<sup>1</sup> Que. "	971.431	pressing printing		655.33
<sup>1</sup> Huntington city, W. Va "	975.4421	ram engineering		621.27
<sup>1</sup> co. Eng. "	942.56	<b>Hydraulics science</b>		<b>532</b>
<sup>1</sup> Ind. "	977.271	Hydrazo bodies chem.		547.8

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Hydrocarbons** chem. 547.2  
                   mineral. 549.8  
**Hydrocele** diseases 616.68  
**Hydrocephalus** " 616.82  
**Hydrocharideæ** botany 584.11  
**Hydrochloric acid** physiol. 612.3233  
**Hydrodynamics**  
   **physics** 532.5  
   **water engines** 621.2  
**Hydroelectric plants** 621.312134  
**Hydrogen**  
   carburetted pub. helth 614.722  
   chemistry 546.11  
**Hydrogeology** 551.92  
**Hydrografy** surveying 526.99  
**Hydroidæ** zoology 593.71  
**Hydrokinetics** 532.5  
**Hydrology** 551.46  
**Hydrolytic ferments**  
   physiologic chemistry 612.01512  
**Hydromechanics** 532  
**Hydromedusæ** zoology 593.71  
**Hydrometry**  
   specific gravity chem. 542.33  
                           physics 532.4  
   velocity " 532.57  
**Hydrophaty** 615.853  
**Hydrophobia**  
   diseases 616.953  
   protectiv inoculation 614.477  
   public helth 614.563  
**Hydrophyllaceæ** botany 583.764  
**Hydrostatics** 532  
**Hydrotherapy** 615.853  
**Hydrotimetry** chem. anal. 543.3  
**Hydrous**  
   silicates mineralogy 549.65  
   sulphates " 549.76  
**Hydrozoa** zoology 593.7  
**Hygiene**  
   mental 131  
   military 613.67  
   naval 613.68  
   **of air and ground** 614.7  
     **animals** pub. helth 614.9  
       zootechny 636.0893  
     **occupation** 613.6  
     pregnancy obstetrics 618.24  
     travel and exploration 613.69  
   **personal** 613  
   prison 613.57  
   **public** 614  
   **school** education 371.7  
   vocal 784.9  
**Hyginus, C. J.** Latin poet. 871.3  
**Hygrometry** meteorology 551.57  
**Hygroscopic moisture** agric. 631.432  
**Hylozoism** metaphysics 146  
**Hymen** anatomy 611.672  
**Hymenomyces** botany 589.222  
**Hymenoptera** fossils 565.79  
                   insects 595.79  
                   pests 632.79  
**Hymn tunes** music 783.9  
**Hymnody** " 783.9  
**Hymnology** sacred theol. 245  
**Hymns** Homeric 883.1  
           hymnology 245  
**Hyoid bone** anatomy 611.7165  
           **muscles** " 611.734  
**Hyperæe, see** Hypere-  
**Hyperbola** analytic geom. 516.24  
           geometry 513.24  
**Hyperbolic func.** calculus 517.36  
**Hyperboloid** analyt. geom. 516.44  
**Hyperboreans** Gk mythol. 292  
**Hyperdulia** Rom. cath. theol. 230.2  
**Hyperelliptic func.** calculus 517.36  
**Hyperemia** diseases 616.1  
**Hyperesthesia** " 616.856  
           physiology 612.887  
**Hypericineæ** botany 583.162  
**Hyperides** Gk oratory 885.7  
**Hypermetamorphosis** zool. 591.35  
**Hypermetropia** physiol. 612.8452  
**Hypertrophies** skin dis. 616.54  
**Hypnotics** therapeutics 615.782  
**Hypnotism** mesmerism 134  
           phys. psych 612.82171  
**Hypoblast** embryology 611.01337  
**Hypochondria**  
   medicin 616.852  
   mental disease 132.3  
**Hypodermic injections** med. 615.63  
**Hypogastric**  
   glands anatomy 611.4651  
   nervs " 611.839  
   region " 611.957  
   veins " 611.1471  
**Hypoglossal**  
   nerv anatomy 611.83193  
           physiology 612.81993  
   nucleus anatomy 611.8189  
**Hypopharynx** " 611.3273  
**Hypophysis** " 611.8143  
           physiology 612.492  
**Hypothalamus** anatomy 611.8141  
**Hypotheses** logic 167

Hypothesis, nebular	523.12	I beams	engineering	620.11282
Hypothetic		<b>I.W.W. anarchy</b>		<b>335</b>
<sup>3</sup> sentences	Eng. gram. 425.4		labor organizations	331.88
Hypsometry	phys. geog. 551.53	Iamblichus	Greek philos.	186.4
Hyracoidea	mammals 599.6	Iberia, Asia	anc. hist.	939.54
Hyrax	" 599.6	Iberville co. Que.	hist.	971.461
Hyrkania	ancient history 939.62	Ibsen, Henrik	Dan. dram.	839.8266
Hysteria	diseases 616.852	<b>Ice</b>		
Hysterics	ment. derange. 132.5	age	geology	551.79
Hysterology	425.3	breakers	shipbuilding	623.828
Hysterotomy	obstetrics 618.86	dealers	trades	689
		<b>erosion and deposition</b>		<b>551.3</b>
		formation of		551.57
		frost	geologic agents	551.91
		houses	architecture	728.97
		impure	hygiene	613.32
		<b>manufacture</b>		<b>621.58</b>
		meteorology		551.57
		packing for the ded		614.64
		sports		796
		trade	economics	338.3
		Icebergs	physical geog.	551.34
		Icecream	dom. econ.	641.86
		<b>Iceland</b>		
		discovery	Scand. hist.	948.02
		<sup>1</sup> history		<b>949.1</b>
		<sup>4</sup> language		<b>439.6</b>
		<sup>6</sup> literature		<b>839.6</b>
		sheep		636.372
		Ices	domestic economy	*641.86
		Ichneumonidae	pests	632.79
			zoology	595.79
		<b>Ichnology</b>	paleontology	<b>566</b>
		<b>Ichthyology</b>		<b>597</b>
		Ichthyopterygia	reptils	598.15
		Iconoclasts	heathen art	246.3
		<b>Iconografy</b>		<b>730</b>
			<b>Christian</b>	<b>246</b>
		Iconology	emblems	246.5
		Icterus	diseases	616.36
			pediatrics	618.9
			physiology	612.35765
		<sup>1</sup> Ida co. Ia.	history	977.742
		Idaho U. S.		
		admission	U.S.hist.	973.86
		<sup>1</sup> history		979.6
		mil. hist.	U.S.civ.war	973.7496
			war with Spain	973.89496
		Ideal state	pol. sci.	321.07
		Idealism	philos. system	141
		Idealistic painting		753
		Idealized dance music		786.45
		Ideals, library		021.03
			for special places	021.04

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Ideas, innate psychology	156	Illegitimacy law	347.6
Identity, mistaken law	347.94	Illinois, U. S.	
personal	126	admission U. S. hist.	973.54
Idiocy	132.2	<sup>1</sup> history	977.3
Idiom neutral univ. lang.	408.9	For military history, see	
<sup>2</sup> Idioms Eng. language	423.1	973.52473, 973.7473 and	
Idiosyncrasies, mental	137	973.89473	
Idiosyncrasy		travel	917.73
influence of therapeu.	615.57	Illiteracy public schools	379.2
Idiots		spelling reform	421.4
asylums	362.3	suffrage	324.14
architecture	725.53	Illuminated books	096
child study	136.7622	manuscripts	091
schools	371.92	Illuminati society	366.4
Idleness ethics	179.8	Illuminating	
Ido univ. lang.	408.9	apparatus microscopes	578.5
Idolatry nonchrist. relig.	290	engineering	628.9
Idumæa ancient history	939.46	gases air pollution	614.723
Idyllic orchestral music	785.3	chem. tech.	665.7
vocal music	784.3	inspection of	614.835
Iffland, A; W; Ger. drama	832.65	Illumination	
Iglesias de la Casa, J.	861.47	decoration	745
Igneous rocks lithology	552.1	electric	537.83
Ignition devices gas engines	621.437	engineering	621.32
Iguanodon fossils	568.19	engineering	628.9
Ihre, Johan Swed. miscel.	839.7843	house lighting	644.3
Iland of Reil anat.	611.81319	instruments, astronomy	522.55
Ilands		microscopy	578.5
isolated history	997	sacred ornamentation	247.4
of Langerhans anat.	611.377	Illusions, mental	133.2
physiol.	612.349	optic physiology	612.84374
physical geograpy	551.42	sensory "	612.82189
for special ilands <i>see</i> name		Illustrated books rarities	096
Iliac		Illustrations	
arteries anatomy	611.137	of books printing	655.32
glands "	611.4651	publishing	655.53
muscle "	611.73812	rare	096
veins "	611.147	Illustrativ	
Iliad Greek epic poetry	883.1	material Great war	940.49
Ilicineæ botany	583.269	U.S. civ. war	973.79
Ilio-		Mex. "	973.629
cecal valv anatomy	611.3451	revol. "	973.39
costal muscle "	611.73131	war 1812	973.529
femoral ligament "	611.7282	orchestral music	785.2
hypogastric nerv, great	611.83541	Illyria ancient history	939.87
inguinal nerv anat.	611.83542	antiquities	913.3987
psoas muscle "	611.73811	Image worship idolatry	290
Ilium		Images in churches eccles.	246.3
bone	611.344	Imaginaries, calculus of	517.8
<sup>1</sup> Ille et Vilaine, Fr. hist.	944.15	Imaginary	
Illecebrææ botany	583.912	books	098
Illega		expressions algebra	512.24
practises legislation	328.367	imprints	014
voting suffrage	324.272	quantities algebra	512.24

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Imagination			Implied powers	pol. sci.	328.253
in art	701		<b>Imponderable remedies</b>	ther.	615.83
science	501		Importance		
influence on body	615.851		of labor	polit. econ.	331.013
<b>mental faculties</b>	155		Importation		
physiologic psychology	612.8212		duty free for colleges		337.8
Imbecility	ment. derange.	132.2	libraries		021.861
Imbecils, <i>see</i> Idiots			of books	lib. economy	025.221
Imbibition	physiology	612.381	Imports	commerce	382
Imitation	education	370.15	<b>duty on</b>		337
Immaculate conception			Imposition	printing	655.27
of Christ		232.1	Impostors	humbugs	133.7
Mary		230.2	Impotence	diseases	616.69
Immersion			Impoverishment of soil		631.45
baptism		265.1	Imprecations	ethics	179.5
baptist doctrins		230.6	Impregnation	physiology	612.63
<b>sects</b>		286	zootchny		636.082454
Immersionists	<b>sects</b>	286	Impressionist painting		759.9
biograpy		922.6	Impressment, military		355.22
Immigrants	colonies	325.1	of seamen		359
<b>Immigration</b>		325	Imprints, fictitious		014
Immoral			Imprisonment	punishm'ts	343.2
art	ethics	176.7	Improvisation	org. music	786.87
literature	lib. exclusion	025.217	Impulse		
restriction		024.674	of water	hydraulics	532.58
Immortality			physiologic psychology		612.82134
conditional		237.3	turbins	water motors	621.247
doctrinal theology		237.2	Impure ice	hygiene	613.32
metaphysics		128	Impurities		
natural theology		218	butter		637.26
of animals		591.51	<b>foods</b>	<b>public helth</b>	614.3
Immunity against venoms		612.3143	milk		637.16
diplomatic		341.7	of well water	hygiene	613.32
legis. prerogs.		328.348	waterworks		628.16
Impact	engineering	620.1125	Inability, human	theol.	233.4
Impeachment			Inanition	animal heat	612.543
administration		351.99	<b>nutrition</b>		612.391
<b>constitutional law</b>		342	Inarching	agric.	631.5416
criminal law		343	Inaugurations	ceremonies	394.4
legislativ investigation		328.345	Inbreeding	zootchny	636.08241
procedure		328.3791	Incandescence	heat	536.45
Imperfections	crystallog.	548.4	Incandescent		
zootchny		636.08115	<b>lighting</b>	<b>elec. eng.</b>	621.326
Imperial			gas		628.9
federation	Great Britain	354.4201	<b>vapor lighting</b>	<b>elec. eng.</b>	621.327
robes	ceremonies	394.4	Incantations		133.4
Imperialism	pol. sci.	321.03	Incapacity	suffrage	324.171
Implements			Incarnation	Christology	232.1
<b>agricultural</b>		631.3	Incas	history	985
domestic labor savers		643.6	Incendiary devices	mil. eng.	623.45431
<b>kitchen</b>		643.3	Incense	ecclesiology	247.9
<b>laundry</b>		648.1	Incest	crim. law	343
ordnance		623.463	physiology		612.607
primitiv		571	Inchbald, Mrs E..	Eng. dram.	822.67

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Incineration			India		
of ded public helth	614.62		antiquities ancient	913.34	
garbage san. engin'g	628.44		modern	913.54	
Incised wounds surgery	617.141		architecture	720.954	
Inclination of equat. to eclip.	525.51		ancient	722.4	
Inclined			Mohammed.	723.3	
marine engins	621.1224		botany	581.954	
plane canal engin'g	626.5		<sup>1</sup> British history	954	
machines	531.85		<sup>1</sup> Farther "	959	
steam engins	621.11246		finance	336.54	
Inclines railroad engin'g	625.3		geology	555.4	
Inclosed arc elec. lighting	621.32543		history, ancient	934	
Income			modern	954	
public finance	336		maps	912.54	
student	378.36		rubber manufactures	678.1	
tax finance	336.24		schools, public	379.54	
law, decis. U.S.hist.	973.87		statistics	315.4	
Incompetency suffrage	324.171		travel	915.4	
Incomplete			other topics see table 1		
coalescence deform.	617.32		Indian		
development "	617.31		<sup>1</sup> archipelago history	991	
Increase plant culture	631.5472		bureau U. S. admin.	353.3	
Incrustation			corn agriculture	633.15	
architectural decoration	729.6		cress	635.566	
steam boilers	621.1944		depredations Am. revol.	973.3344	
Incubation zootechny	636.08247		<sup>4</sup> East, languages	491.1	
ncubators "	636.082474		modern languages	491.4	
Incunabula book rarities	093		fig	634.7754	
Incurables			game poultry	636.58814	
hospitals for	362.1		goose	636.59886	
architec.	725.51		hemp	633.567	
Incus anatomy of ear	611.857		legends	398.2	
Indelible inks chem. tech.	667.4		missions	266	
Indemnity internat. law	341.3		mortality pub. helth	614.144	
Independence, Am. U.S.hist.	973.313		mutiny Sepoy rebellion	954	
day schools	371.365		ocean physical geog.	551.467	
Independency ch. polity	262.8		travels	910.4	
Independent angles geod.	526.51		philosofers	181.4	
Independents sects	285.9		pony	636.168	
Indeterminate			religions	299.7	
equations algebra	512.23		runner duck	636.59722	
forms calculus	517.22		<sup>1</sup> territory, U. S. history	976.6	
Indeterminism			Indian wars in U. S.		
mental faculties	159		eastern	973.24	
Index			French and indian	973.26	
error prac. astronomy	522.38		Harmar's expedition	973.42	
expurgatorius rarities	098		King Philip's	973.24	
making literary meth.	029.5		William's	973.25	
rerums "	029.5		Modoc	973.82	
Indexes biblical concord.	220.2		Pequot	973.22	
see subject index			Queen Anne's	973.25	
India			St Clair's expedition	973.42	
administration	354.54		Seminole, first, 1818	973.541	
			2d, 1835-42	973.571	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Indiana, U. S.			
admission U. S. history	973.51		
<sup>1</sup> history	977.2		
For military history see			
973.52472, 973.7472 and			
973.89472			
travel	917.72		
<sup>1</sup> Indiana co. Pa. hist.	974.889		
<sup>1</sup> Indianapolis, Ind. "	977.252		
<b>Indians, American</b>	<b>970.1</b>		
biografy	970.2		
British allies Am. revol.	973.343		
U.S.war 1812	973.5242		
education of	371.975		
ethnology	572.897		
language	497		
literature	897		
Y. M. C. A.	267.366		
<sup>4</sup> Indic languages	491.1		
Indicators			
library economy	025.6		
steam power plants	621.1977		
Indictments criminal law	343.1		
<sup>1</sup> Indies, East, Dutch hist.	991		
travel	919.1		
Indifference lib. staf rules	023.96		
Indigestion medicin	616.33		
Indigo chem. tech.	667.2		
Idiosyncrasy psychology	137		
Indirect heating chem.	542.46		
voting suffrage	324.249		
Indium chemistry	546.67		
Individual			
instruction education	371.394		
legislators restrictions	328.343		
rights pol. sci.	323.4		
soul, origin of	129		
Individualism pol. econ.	330.1		
sci.	323.4		
Individuals			
and the state	172.1		
bibliografy	012		
<b>Indo-</b>			
European languages, minor	491		
literatures "	891		
Germanic languages "	491		
<b>Indoor amusements</b>	<b>793</b>		
grafting	631.5418		
servis dom. econ.	647.25		
Indorsement law	347.4		
<sup>1</sup> Indre, France hist.	944.55		
et Loire, France "	944.54		
Induced draft steam eng.	621.18384		
<b>Induction</b>			
balance electricity	537.24		
coil physics	537.51		
<b>Induction</b>			
coils elec. engin'g	621.3147		
telephone	621.3864		
generators elec. eng.	621.31363		
logic	160		
magnetism	538.2		
motors elec. engin'g	621.31364		
of labor obstetric oper.	618.88		
potential regulators	621.31452		
reasoning faculty	153.6		
spark electricity	537.52		
telegrafy elec. eng.	621.38294		
<b>Inductiv logic</b>	<b>161</b>		
sciences	<b>500</b>		
<b>Indulgencies Roman ch.</b>	<b>282</b>		
doct.	230.2		
<b>Industrial</b>			
arbitration	331.1		
arts	600		
classes political econ.	331		
depressions " "	338.8		
diseases, see Occupations			
drawing	744		
economy	330		
education	371.42		
exhibitions	606		
history	609		
hygiene	613.6		
insurance	368		
legislation political econ.	338.9		
management	658		
museums	606		
nuisances law	347.5		
public helth	614.7		
sanitation	628.5		
schools	607		
statistics political econ.	331		
workers of the world			
anarchy	335		
labor organizations	331.88		
<b>Industries chemic tech.</b>	<b>660</b>		
mil. resources	355.26		
primitiv	571		
useful arts	600		
Industry ethics	179.9		
Inebriate asylums archit.	725.65		
Inebriate asylums	362.8		
Inebriates temperance	178.6		
Inebriety diseases	616.861		
Inequality, diurnal, of tides	525.63		
<b>Infallibility</b>			
divine	231.6		
of the church	262.8		
papal eccles. polity	262.13		
Roman doctrin	230.2		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Infallibility**  
 Roman church 282  
 schism Old catholics 284.8
- Infancy, psychology of** 136.72
- Infant**  
 baptism 265.1  
 education elemen. educ. 372  
 mortality public helth 614.132  
 ration physiology 612.3942  
 salvation 234  
 therapeutics 615.54
- Infantado sheep** 636.364
- Infanticide**  
 customs 392.2  
 ethics 173.4  
 law 343
- Infantil paralysis diseases** 616.83  
 pub. helth 614.54
- Infantism pediatrics** 618.9
- Infantry army** 356
- Infants**  
 care of 618.6  
 diseases of 618.9  
 food for hygiene 613.22  
 nursery 649.3  
 stillbirth obstetrics 618.39  
 vital statistics 614.131
- Infections**  
 etiology 616.01  
 function of spleen 612.416  
 protection agst san. eng. 628.513  
 public helth 614.4
- Infectious diseases**  
 of domestic animals 614.91  
 pathology 616.91  
 public helth 614.4  
 special 614.5
- Infernal machines manuf.** 662.2
- Inferno lib. economy** 024.674
- Infidelity natural theol.** 211
- Infiltration**  
 of water mining eng. 622.51
- Infinit metaphysics** 125
- Infinitesimal calculus** 517.1
- Infinitiv English syntax** 425.8  
 Greek " 485.8  
 Latin " 475.8  
 other languages
- Infirm, care of dom. econ.** 649.8
- Infirmaries architecture** 725.51  
 hospitals 362.1  
 school bldgs 371.625
- Inflammation physiology** 612.556  
 surgery 617.22
- Inflammatory affec. of skin** 616.51
- Inflation**  
 apparatus aeronautics 629.161  
 paper money 332.5
- <sup>2</sup>Infection English philol.** 425.1
- Influence**  
 civil servis reform 351.6  
 educ. of phys. training 371.731  
 of college education 378.01  
 on women 376.64  
 kindergarten 372.22  
 personal, of teachers 371.102  
 sectarian pub. schools 377.1
- Influenza diseases** 616.203  
 public helth 614.5
- Infraorbital nerv anat.** 611.831542
- Infraspinatus muscle "** 611.73713
- Infundibula "** 611.639
- Infundibulum anat.of brain** 611.8143
- Infusoria zoology** 593.15
- Infusorial earth econ.geol.** 553.69  
 petrografy 552.57
- Ingemann, B. S. Dan.poet.** 839.8162
- Ingenuity inventions** 608
- Ingersoll, C: J. Am.drama** 812.24
- <sup>1</sup>Ingham co. Mich. history** 977.426
- Ingram's rebellion Va. hist.** 975.5
- Inguinal glands anat.** 611.4681
- Inhalation**  
 administrat'n of med. by 615.64  
 of dust hyg. of occupat'n 613.63  
 gases " " " 613.62
- Inheritance law** 347.6  
 of soul metaph 129.2  
 tax 336.27  
 see also Heredity
- Inherited**  
 disease hygiene 613.93  
 mental disability " 613.92  
 traits 136.3
- Inhibition**  
 nervous system 612.8011  
 physiologic psychology 612.82134
- Initials bibliografy** 014  
 decoration 745
- Initiativ democracy** 321.4  
 pol. sci. 328.261
- Injection pumps hyd. mach.** 621.267
- Injections**  
 collectors manuals 579.3  
 hypodemic 615.63  
 intra-utein obstetrics 618.89  
 medicin 615.6  
 physiology 612.11812

Injectors steam engin'g	621.1973	Inorganic	
Injured, aid to, protec. of life	614.88	drugs materia medica	615.2
Injuries		liquids physical chem.	541.326
agriculture	632	substances, analysis of	543.7
effects of diseases	616.98	Inquests, coroners	
results of surgery	617.2	Inquiries	
surgery	617.1	parliamentary legislation	328.372
to library books rules	024.8	Inquisition persecut. by	272.2
shelf dept	025.8	Span. hist.	946.04
torts	347.5	Insane	
Injurious		asylums architecture	725.52
animals agriculture	632.6	criminal law	340.6
zoology	591.65	hospitals	362.2
insects agriculture	632.7	lives of	920.8
occupations hygiene	613.6	Insanity law	347.1
plants agriculture	632.5	mind and body	132.1
botany	581.65	nervous diseases	616.8
Ink, colord, for books	655.26	Inscriptions, comparativ	417
manufacture	667.4	Eng. language	421.7
Inland		Insect powders	648.7
navigation engineering	626	Insecta parasitica	
transportation	656	ectozoa	616.9681
quarantine pub. helth	614.462	entozoic diseases	616.967
seas physical geograpy	551.48	Insecticides agriculture	632.951
tides on	525.66	dom. econ.	648.7
Inlay architect. decor.	729.63	Insectifuges " "	648.7
art furniture	749	Insectivora mammals	599.3
Inlets sewerage	628.255	Insects	
Innate ideas	156	fertilization of plants	581.16
Innervation		injurious agriculture	632.7
center of physiology	612.834	library econ.	025.8
of hart " "	612.178 1	zoology	591.65
iris " "	612.8193	metamorphosis embryol.	591.34
large intestin " "	612.368	variation	591.151
liver " "	612.358	paleontology	565.7
lungs " "	612.28	productiv agriculture	638
lymphat. syst. " "	612.425	zoology	595.7
uterus " "	612.6278	Insessores birds	598.8
vesical appar. " "	612.4673	Insignia, college	378.27-.29
theories " "	612.801	heraldry	929.6
Innominate artery anat.	611.1325	military	355.13
veins " "	611.145	Insolvency law	347.7
Innominatum, os " "	611.7181	Insomnia disease	616.84
Inns		hygiene	613.86
architecture	728.5	Inspection of	
domestic economy	640	bildings	614.85
of court English law	340.7	elections suffrage	324.26
Inoculation		explosivs, etc.	614.83
budding	631.5415	fertilizers	631.818
protectiv public helth	614.47	food, etc. pub. helth	614.3
Inorganic		ordnance stores	623.4821
and organic matter, differ.	577.1	Inspiration Bible	220.1
chemistry	546	Installation of ministers	262.16
of soil	631.416	sermons	252.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Instantaneous boilers	621.18427	Instruments	
Instinct	comp. physiol. 612.821313	steam power plant	621.1977
	physiol. psych. 612.8213	surgical	617.91
	psychology 158	surveying	526.91
	zoology 591.51	telephone communication	654.6
Instinctiv knowledge	158	elec. engin'g	621.386
Institute of France	064	telegraf communication	654.1
Institutes		elec. eng.	621.383
farmers	630.715	wireless telephone	621.3846
library training	020.715	telegraf	621.3843
Roman law	349.374	for other purposes see subject	
self education	374.9	Insula anatomy	611.81319
teachers	370.72	Insular	
workingmen's architec.	725.93	faunas zoology	591.91
Institutions		floras botany	581.91
Christian	260	Greece history, ancient	939.1
educational	370	1 modern	949.9
feudal	321.3	Insulated conductors	621.31933
housekeeping	647.96	Insulating materials	
monarchic	321.6	ilding	691.9
musical	780.7	electric engineering	621.31937
of credit pol. economy	332.31	steam transmission	621.1856
state control	351.825	Insulators	
patriarchal	321.1	electric engineering	621.3194
republican	321.8	lighting	621.3285
sociology	360	Insurance	368
Instruction		animal zootechny	636.08175
education	370	buildings architecture	725.23
methods	371.3	compulsory pol. econ.	331.25
organ	786.7	farm economics	631.175
piano	786.3	law	368
public worship	264.6	library	022.27
rooms lib. bildings	022.65	societies, cooperativ	334.3
Instructions		state control	351.825
legislative restrictions	328.249	teachers	371.17
Instrumental		Insurgente, L,'ship U.S.hist.	973.45
errors prac. astron.	522.98	Insurrections	
music	780	internal relations	323.2
pub. worship	264.2	Intaglios sculpture	736
Instrumentation music	781.6	Intarsia arch. decoration	729.63
Instruments		Integral calculus	517.3
astronomic	522	Integrity business ethics	174
chronologic	529.78	Integument comp. anat.	591.49
drawing	744	descrip. "	591.79
engineering	620.7	Integumentary system	
engraving	760	anatomy	611.7
geodetic field work	526.33	surgery	617.47
making	681	Intellect	151
mathematical	510.8	Intellectual	
musical	780	development education	370.1
optic	535.87	history	809
ordnance	623.462	influence of church	261.5
physical	530.8	relation of church	377.8

Intellectual			<sup>3</sup> Interjections Gk syntax	485.9
functions	physiol. psych.	612.821	Interlibrary loans	024.68
	physiology	612.8258	Interlude Eng. drama	822
life self education		374	Interludes organ music	786.84
philosophy		150	Intermarriages	
property, <i>see</i> Copyright; Patents			of families hygiene	613.94
Intelligence			races ethics	173.1
action of poisons on		612.8214	Intermediate	
mental science		151	education, private	373
of animals		591.51	public	379.17
ofis domestic econ.		647.2	school admission standards	371.211
physiologic psychology		612.8213	state theology	236.4
Intemperance ethics		178	Interment customs	393.1
hygiene		613.8	public helth	614.61
Intensity meters elec. eng.		621.3744	Intermetacarpal joints	611.7277
Intensiv farming		631.583	Intermetatarsal joints	611.7287
Interbrain anatomy		611.814	Intermittent fever	
Intercalatum "		611.81541	pathology	616.936
Intercarpal articulation "		611.7275	public helth	614.531
Intercepting sewers		628.28	Intermolecular forces, phys.	539.6
Interchondral joints anat.		611.723	Internal	
Intercollegiate			affairs U.S. administration	351.73
contests, athletic		371.75	capsule anat.	611.8137
literary		371.535	combustion engines	621.43
Intercolumnar fascia anat.		611.639	ear anat.	611.851
Intercommunicating			diseases of	617.88
systems telephony		621.3853	physiology	612.858
Intercommunication			heat geology	551.12
sociology		380	improvements	620
useful arts		650	plastering masonry	693.6
Intercostal			relations polit. science	323
arteries anatomy		611.1354	revenue laws finance	336.27
glands "		611.4643	windows arch. const.	721.85
muscles "		611.7356	International	
nervs "		611.8342	arbitration	341.6
Intercuneiform joints anat.		611.72858	association, the	335.4
Interdicts excommunicat'n		262.9	coinage	332.43
labor strikes		331.894	congresses	341.1
Interest			on special topics <i>see</i> subject	
and usury law		347.7	copyright private law	341.5
calculation of arithmet.		511.8	publishing	655.63
physiologic psychology		612.8212	ethics	172.4
political economy		332.8	exchange money	332.45
securities finance		336.31	exchanges lib. econ.	021.852
tables		657	exhibitions	606
Interests			law	341
electoral representation		324.22	library loans	024.681
relations to Great war		940.318	meetings	020.681
Interference optics		535.4	relations pol. science	327
Interior			standard money	332.43
decoration		747	Internationalism	
department U. S. adm.		353.3	international law	341.1
of earth geology		551.11	political science	321.041
walls, incrusted architec.		729.62		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Interoceanic canals eng. 626.9  
socio. 386
- Interolivary stratum anat. 611.8184
- Interosseous  
artery, dorsal anat. 611.13794  
muscles of foot " 611.7387  
hand " 611.73779
- Interpolation  
methods calculus 517.6  
spheric astronomy 522.75
- Interpretation  
of law legislation 328.21
- <sup>3</sup>Interrogatives Lat. syntax 475.9
- Interschool  
contests, athletic 371.75  
literary 371.535
- Intersecting  
lines plane geometry 513.12  
planes solid geometry 513.32  
surfaces descrip. " 515.18
- Interspinales muscles anat. 611.73171
- Interstate commerce  
commission 385  
law sociology 385  
U. S. hist. 973.85
- Intersternal joints anat. 611.723
- Intertarsal ligaments " 611.7285
- Intertransversarii mus. " 611.73176
- Intertubular cell masses  
pancreas 611.377
- Intervention internat. law 341.6
- Intervertebral joints anat. 611.7213
- Intestinal action of bile 612.3572
- Intestins  
anatomy 611.34  
comparativ anatomy 591.43  
pathology 616.34  
physiology 612.33  
surgery 617.43  
sympathetic system 612.898
- Intimidation  
electoral corruption 324.271  
labor strikes 331.891
- Intolerance  
religious ethics 172.3  
persecutions 272
- Intonation music 781.2
- Intoxicants, *see* Alcohol;  
Liquors; Stimulants
- Intoxicating drinks, traf. in 178.4
- Intoxication alcoholism 616.861  
ethics 178.1
- Intoxications  
effect on respiration 612.226
- Intramural interment 614.613
- Intransigentes Span. hist. 946.08
- Intraocular pressure** physiol. 612.8426
- Intrapleural " " 612.212
- Intra-uterin injections 618.89
- Intrenchments mil. eng. 623.15
- Intubation  
of larynx surgery 617.42
- Intuition ethics 171.2
- Intuitionism phil. syst. 143
- Intuitiv faculty 156  
philosophy 143
- Inundations  
agriculture 632.17  
meteorology 551.48  
protection engineering 627.4
- Inusitum nutrition 612.39619
- Invalids  
care of dom. econ. 649.8  
charities 362.6  
cooking for dom. econ. 641.563  
diet hygiene 613.23  
medicin 616
- Invariants algebra 512.88
- Invasion internat. law 341.3
- Invention of printing** 655.11  
rhetoric 808.5
- Inventions bilding 690.8  
patents 608
- Inventors biography** 926
- Inventory, closing lib. for 024.45
- <sup>1</sup>Inverness, Scot. history 941.21  
1 co. N. S. " 971.691
- Inverse probabilities 519.1
- Inversion of uterus in labor 618.57
- Invertebrates paleontol.** 562  
zoology 592
- Investigation.  
legislativ disciplin 328.366
- Investigations administra. 351.98
- Investiture eccles. polity** 262.16
- Investitures, war of 1074-84 270.4
- Investments** 332
- Invincible armada, Span. hist. 946.04
- Invocation ritual 264.1
- Invoices accounts 657
- Involution algebra 512.7  
arithmetic 511.7  
mod. geom. 513.53
- Inward flow turbins 621.244
- <sup>1</sup>Inyo co. Cal. hist. 979.487
- Iodids mineralogy 549.4
- Iodin chemistry 546.15  
compounds, min. 549.4

<sup>1</sup> Iona co. Mich. history	977.454	Irish	
Ionia history, ancient	939.23	discovery of America	973.11
<sup>1</sup> " modern	956.2	goat	636.392
Ionic Greek dialects	487.923	home rule history	941.58
order of architecture	729.32	polit. parties	329.942
philosophy	182.1	land question pol. econ.	333
Ions chemistry	541.2	<sup>4</sup> language	491.62
physiology	612.0144624	literature	891.62
<sup>1</sup> Iosco co. Mich. history	977.474	music	784.4
Iowa, U. S.		politics	329.9415
admission U. S. hist.	973.61	Romanesque architect.	723.41
<sup>1</sup> history	977.7	sheep	636.3243
For military history see		Iron	
973-52477, 973-7477 and		age prehist. arch.	571.4
973-89477		architecture	721.9
<sup>1</sup> co. Ia. history	977.765	assimilation physiology	612.3924
<sup>1</sup> Wis. "	977.578	bearing waters geol.	553.73
Ipecac emetics	615.731	building material	691.7
Iranian languages	491.5	bridges, archt	624.67
Ireland		engineering	624
administration	354.41	chemistry	546.72
antiquities	913.415	clads naval architect.	623.9
architecture	720.9415	columns architecture	721.35
botany	581.9415	<sup>1</sup> co. Mich. history	977.497
colleges	378.415	<sup>1</sup> Mo. "	977.888
constitutional law	342.41	<sup>1</sup> Wis. "	977.522
education	370.9415	manufacture	672
finance	336.415	mask, man in biog.	920.8
geology	554.15	materia medica	615.272
<sup>1</sup> history	941.5	metallurgy	669.1
laws	349.41	mineralogy	549
maps	912.415	mining	622.34
religious history	274.15	ores econ. geology	553.3
schools, public	379.415	piers architect.	721.35
statistics	314.15	pipes waterworks	628.16
travel	914.15	roofs building	695.5
zoology	591.9415	ships	623.84
other topics see table 1		strength of materials	620.17
Ireland forgeries		structures architect.	721.9
Shakspeareana	822.33	sulfate of fertilizers	631.825
Iridae botany	584.24	water pipes san. eng.	628.15
Iridium chemistry	546.93	work manufactures	672
Iris		ornamental	739
anatomy	611.8421	architect.	729.5
eye diseases	617.72	wrought arch. construc.	721.92
motoroculi nerv. physiol.	612.81931	<b>Ironing laundry process</b>	<b>648.4</b>
physiology	612.842	<sup>1</sup> Ironton, O. history	977.1881
sympathetic system	612.896	Irony rhetoric	808
<b>I ish</b>		<sup>1</sup> Iroquois co. Ill. history	977.364
bards lives	928.9162	indians	970.3
bulls Eng. humor	827	Irradiation of eye physiol.	612.8432
cattle, beef	636.2232	Irregularities crystallog.	548.4
dairy	636.2256		
church, Anglican	283.415		
Roman catholic	282.415		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Irrigation			Itacolumite lithology	552.45
agriculture	631.7		Italian	
canal engineering	626.8		art galleries	708.5
sewage	628.36		cheese, hard	637.3545
Irritability			soft	637.3535
cardiac  physiol.	612.172		discovery of America	973.11
in plants  botany	581.18		grand opera	782.5
muscular  physiol.	612.7416		<sup>4</sup> language	450
of cells	612.01431		<sup>5</sup> literature	850
nervs	612.816		painting	759.5
Irritant poisons  therapeu.	615.91		philosofers  biografy	921.5
Irritants, external	615.771		philosofy	195
Irritation, spinal  diseases	616.844		poultry	636.55
Irving, Washington  lit.	817.24		republics  aristocracies	321.5
Irvingism  Cath. apostolic	289.9		republics  history	945.04
Isaac 1  Byzantine history	949.503		Romanesque  architec.	723.45
Isabella of Castile  Span.hist.	946.07		school of Gk  philosofy	182.2
2	946.07		sculpture, medieval	734
<sup>1</sup> Isabella co. Mich.	977.451		modern	735
Isaeus  Greek oratory	885.3		sheep	636.35
Isaiah  Bible	224.1		swine	636.45
Ischium  anatomy	611.71812		Italic languages, minor	479
<sup>1</sup> Isère, France  hist.	944.99		Italy	
<sup>1</sup> Ishpeming, Mich.	977.496		administration	354.45
Isla J. F. de  Span. satire	867.42		antiquities	913.45
Islam  Mahometanism	297		architecture	720.945
Island			botany	581.945
nr 10, Ky.  U.S. civ. war	973.752		colleges	378.45
of Reil  anatomy	611.81319		constitutional law	342.45
Islands, <i>see</i> Ilands			education	370.945
<sup>1</sup> Isle de France  history	944.34		finance	336.45
of Man, Eng.	942.89		geology	554.5
Wight	942.28		heraldry	929.6
Royale co. Mich.	977.499		history, ancient	937
<sup>1</sup> Isles of Shoals	974.2		modern	945
travels	917.42		laws	349.45
Isocrates  Gk oratory	885.4		maps	912.45
Isoetæzæ  botany	587.1		peerage	929.75
Isogonic lines	538.7		reformation in	274.5
Isografy	652		religious history	274.5
Isolation in contag. disease	614.45		schools, public	379.45
Isomerism  chemistry	541.7		statistics	314.5
Isometric projections  geom.	515.2		titles of honor	929.75
Isomorphism  crystallog.	548.3		travel	914.5
Isothermal lines  physiog.	551.52		treaties	341.245
Isotony			zoology	591.945
of corpuscles  physiol.	612.11117		other topics  see table 1	
Israelites  history, ancient	933		Itch  parasitic diseases	616.9685
modern	296		Ithaca, Greece  anc. hist.	938.3
Issues  therapeutics	615.812		Itinerant cookery	641.577
Isthmian games  Gk antiq.	913.38		Iturbide 1  Mexican history	972.04
Istle fibers	633.5772		Ivan 3  Russian	947.04
Istria  history, ancient	937.3		4	947.04
modern	943.68		5	947.04

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Ivory carving	736
<sup>1</sup> Coast, Africa hist.	966.6
painting	751
supply	679
Ivy landscape gardening	716.1
Ixodidae arachnida	595.4
Ixtle fibers	633.5772

J	For words commonly speld with initial G pronounst as J see under G	
Jackass		636.182
Jacketed bullets	sm. arms	623.45532
	guns ordnance	623.42162
Jacketing	ordnance	623.4234
	steam engin'g	621.1011
Jackets	clothing	646.45
Jacks, lifting	mech. eng.	621.869
Jackson, Andrew	presidency	973.56
<sup>1</sup> Jackson city Mich.	history	977.428
<sup>1</sup>	co. Ill.	977.3994
<sup>1</sup>	Ind.	977.223
<sup>1</sup>	Ia.	977.764
<sup>1</sup>	Mich.	977.428
<sup>1</sup>	Mo.	977.841
<sup>1</sup>	O.	977.185
<sup>1</sup>	W. Va.	975.431
<sup>1</sup>	Wis.	977.551
	travel	917.7551
<sup>1</sup> Jacksonville, Ill.	history	977.346
Jacobins	French	944.04
	monastic orders	271.2
	pigeons	636.59625
	political clubs	363
Jacobite church		281.5
Jacobites	Eng. pol. party	329.942
Jacotot's system of educ.		371.45
Jacquerie	French history	944.025
<sup>1</sup> Jacques Cartier co. Que.	hist.	971.4285
Jade	mineralogy	549.61
Jail fever	pathology	616.922
	pub. helth	614.526
Jails	architecture	725.62
	prisons	365
Jaina	architecture	722.4
Jainas	Hindu sect	294
<sup>1</sup> Jalisco, Mexico	history	972.3
<sup>1</sup> Jamaica	"	972.92
	apple	634.413
Jams	arch. construc.	721.86
James, St	epistle	227.91
<sup>1</sup>	Eng. history	942.061
<sup>2</sup>	"	942.067
<sup>1-5</sup>	Scot.	941.04
<sup>1</sup>	of Aragon	
	Catalan miscellany	849.9811
	Henry Am. fiction	813.46
Jamestown, Va.	U. S. hist.	973.21
<sup>1</sup>	Va.	975.5
Jamrosade		634.422
Jan I van Brabant		
	Dutch poetry	839.3113
<sup>1</sup> Janesville, Wis.	history	977.587
Janin, J. G.	Fr. essays	844.76

Janitor library econ.	023.791	Jaw joint anatomy	611.724
servis dom.econ.	647.25	diseases	616.72
lib.econ.	023.79	surgery	617.52
Janitor's		<sup>1</sup> Jay co. Ind. history	977.267
apartment lib. bldgs	022.695	Jay's treaty U.S. hist.	973.43
department admin.	025.9	Jealousy ethics	179.8
Jansenism heresy	273.7	Jean de Tuim Fr. fiction	843.22
Japan		Jeanne d'Arc " hist.	944.026
administration	354.52	<sup>1</sup> Jeddo history	952
botany	581.952	travel	915.2
chemic technology	667.8	Jefferson, T: presidency of	973.46
chestnut	634.533	<sup>1</sup> Jefferson city, Mo. history	977.8551
clover	633.364	<sup>1</sup> co. Ill. "	977.3793
fauna	591.952	<sup>1</sup> Ind. "	977.213
finance	336.52	<sup>1</sup> Ia. "	977.794
geology	555.2	<sup>1</sup> Mo. "	977.867
<sup>1</sup> history	952	<sup>1</sup> N. Y. "	974.757
maps	912.52	O. history	977.169
persimmon	634.451	<sup>1</sup> Pa. "	974.862
plum	634.16	<sup>1</sup> W. Va. "	975.499
schools	379.52	<sup>1</sup> Wis. "	977.585
statistics	315.2	<sup>1</sup> Jeffersonville, Ind. history	977.218
travel	915.2	Jeffrey, F. Eng. essays	824.73
treaties	341.252	Jehovah doctrinal theol.	231
walnut	634.513	Jejunum anatomy	611.343
Japanese		Jelly fish zoology	593.8
architecture	722.1	Jelousy ethics	179.8
art	709.52	Jennet	
bantams	636.58715	<sup>1</sup> Jennings co. Ind. history	977.217
color prints	761	Jeremiah Bible	224.2
language	495	Jeremy, epistle of Bible	229.5
poultry	636.5857	Jerrold, D. Eng. humor	827.81
servants dom. econ.	647.24	Jersey blue fowls	636.5812
wineberry	634.712	cattle	636.2243
Japanning varnishing	698.3	<sup>1</sup> City, N. J. history	974.927
Jars electric engineering	621.3521	<sup>1</sup> co. Ill. "	977.385
Jasher, book of	229	<sup>1</sup> iland of "	942.34
Jasmin, J. Provençal poet.	849.143	travels	914.234
Jasmin perfume plants	633.811	prison ship	973.3711
<sup>1</sup> Jasper co. Ill. history	977.374	swine	636.483
<sup>1</sup> Ind. "	977.297	Jerseys, Washington in the	973.3325
<sup>1</sup> Ia. "	977.759	Jerusalem	
<sup>1</sup> Mo. "	977.872	artichoke field crops	633.494
Jaumave istle	633.5772	garden "	635.24
Jaundis diseases	616.36	city history ancient	933
physiology	612.35765	<sup>1</sup> " modern	956.9
Java		travels "	915.69
fowls	636.5814	corn cereals	633.178
<sup>1</sup> iland history	992.2	St John of knights	929.711
travel	919.22	Jesters customs	394.2
ship U.S.war of 1812	973.5251	<sup>5</sup> Jests Eng. literature	827
Jaw bone diseases	616.71	Jesuit missions	266.2
lower anat.	611.7164	Jesuits religious orders	271.5
upper "	611.7161	tea agric.	633.77

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Jesus			
Christology	232		
society of relig. order	271.5		
Jet economic geology	553.22		
pumps prac. chem.	542.9		
Jets, steam engin'g	621.69		
Jettatura witchcraft	133.4		
Jetties engineering	627.6		
Jew plum	634.442		
Jewelry			
customs	391.7		
manufacture	671		
fine arts	739		
toilet	646.48		
Jewish			
architecture	722.3		
calendar	529.3		
cookery	641.567		
discovery of America	973.11		
<sup>4</sup> language	492.4		
<sup>5</sup> literature	892.4		
philosophy	181.3		
religion	296		
Jews			
apologetics against	239.2		
biography	922.96		
disabilities of	296		
ethnology	572.933		
history, ancient	933		
modern	296		
restoration of	296		
Jigging mining engin'g	622.75		
Jipijapa plant fibers	633.584		
<sup>1</sup> Jo Daviess co. Ill. hist.	977.334		
Joan of Arc Fr. history	944.026		
Job Bible	223.1		
Job work			
economics	331.231		
printing	655.26		
Jockeys horse racing	798		
Jodelle, Etienne Fr. drama	842.34		
Joel Bible	224.7		
Johansson, L. Swed. poet.	839.7132		
John, King Eng. history	942.033		
St epistle 1	227.94		
2	227.95		
3	227.96		
gospel of	226.5		
knights of	929.711		
Revelation of	228		
John 1 French history	944.024		
2 " "	944.025		
Johnson, A. presidency of	973.81		
S: Eng. essays	824.63		
<sup>1</sup> Johnson co. Ill. history	977.3996		
1 Ind. "	977.251		
1 Ia. "	977.7655		
1 Mo. "	977.8455		
Joinery carpentry	694.6		
shipbuilding	623.84		
Joint			
committees, legislativ	328.3627		
resolutions legis. proced.	328.377		
stock companies law	347.7		
Joints			
anatomy	611.72		
calkt plumbing	696.6		
diseases of medicin	616.72		
geology	551.84		
injuries to surgery	617.47		
mechanic engineering	621.88		
of wood work carpentry	694.2		
physiology	612.75		
rail engineering	625.15		
riveted engineering	620.11287		
plumbing	696.4		
rust	696.6		
screw	696.5		
steam pipe	621.1857		
toggle machinery	621.825		
universal	621.825		
<sup>1</sup> Jokes English humor	827		
<sup>1</sup> Joliet, Ill. history	977.325		
<sup>1</sup> Joliette co. Que. history	971.442		
Jolin, J. K. Swed. drama	839.7264		
Jonah Bible	224.92		
<sup>1</sup> Jones co. Ia. history	977.763		
travel	917.7763		
shorthand	653.43		
Jongleurs French poetry	841.09		
Jonson, B. English dram.	822.34		
<sup>1</sup> Joplin co. Mo. history	977.8721		
Jordan river antiquities	913.33		
travels	915.69		
Joseph 1 German history	943.051		
2 " "	943.057		
Joshua Bible	222.2		
Joubert, Joseph Fr. essays	844.62		
Journalism	070		
Journalists, lives of	920.5		
Journals mill work	621.821		
Journeys round the world	910.4		
Jovellanos, G.M. de Span. lit.	868.42		
Jubilee singers, Fisk univ.	784.7		
Jubilees, military	355.16		
Judaism	296		
vs christianity	239.2		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Judd, Sylvester Am. fic.	813.34	Jurisprudence	340
Jude epistle, Bible	227.97	medical	340.6
Judea ancient history	933	Jurists, <i>see</i> Lawyers	
modern	956.9	Jury trial law	340.4
Judges, book of Bible	222.3	Justice, <i>see</i> Justis	
law courts	347.97	Justification doct. theol.	234.7
lives	923.4	Justis ethics	179.9
Judgment		pol. sci.	323.42
mental faculties	153.5	Justises of the peace law	347.96
private ecclesias. polity	262.8	Jute agriculture	633.54
theology	236.9	dom. econ.	646.186
Judicial		manufactures	677
chemistry law	340.6	Jutland cattle	636.2357
combat	340.3	swine	636.434
control administration	351.94	Juvenal Latin satire	877.7
corps univ. admin.	378.113	Juvenil	
ordeal law	340.3	books reading and aids	028.5
Judiciary		see also subject	
department U. S. gov't	353.5	courts	364
electiv law	347.97	criminals law	343
Judith Bible	229.2	literature	028.5
Juggernaut	299.14	mortality pub. helth	614.133
Jugglery	791	reformatories	364
Juglandeæ botany	583.973	Juxta-aortic glands	611.46521
Jugoslavia history	949.7		
Jugular			
ganglion anat.	611.89191		
glands	611.4637		
vein, external	611.1452		
internal	611.1451		
veins, posterior	611.1453		
Jugurthan war Rom. hist.	937.05		
Juice, intestinal physiol.	612.331		
Jujube	634.662		
Julian calendar	529.4		
Jumpers poultry	636.528		
Jumping athletics	613.72		
Juncaceæ botany	584.45		
Junctions			
railroad engineering	625.1		
sewers	628.251		
<sup>1</sup> Juneau co. Wis. history	977.555		
Juneberry	634.741		
<sup>1</sup> Juniata co. Pa. history	974.847		
Junius letters Eng. satire	827.64		
Jupiter astronomy	523.45		
mythology	292		
<sup>1</sup> Jura, France history	944.47		
Jurassic age geology	551.76		
Juridic			
powers legislation	328.251		
theory of state	320.151		
Jurisdiction civil trials	347.98		
suffrage	324.243		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Kabala Jewish philosophy	181.3
Kabardian sheep	636.385
Kafir agriculture	633.177
<sup>1</sup> Kaffraria, Africa history	968.6
<sup>1</sup> Kafirs "	968.6
Kairin therapeutics	615.75
Kaiser German gov't	354.4305
Kaki	634.451
<sup>1</sup> Kalamazoo city, Mich. his.	977.418
<sup>1</sup> co. " "	977.417
Kale	635.346
Kaleidoscope optics	535.86
<b>Kalendar</b>	<b>529</b>
Kalifs Mohammedanism	297
<sup>1</sup> Kalkaska co. Mich. hist.	977.465
Kalmuck sheep	636.385
Kalmucks description	915
history	950
Kalsomining	698.2
<sup>1</sup> Kamchatka history	957
<sup>1</sup> Kamerun, Africa hist.	967.1
Kames, H.: H. Eng. essays	824.62
<sup>1</sup> Kamouraska co. Que. hist.	971.475
Kanawha	
<sup>1</sup> co. W. Va. history	975.437
<sup>1</sup> valley, W. Va. "	975.43
<sup>1</sup> Little, W. Va. "	975.42
<sup>1</sup> Kane co. Ill. history	977.323
Kangaroo zoology	599.2
<sup>1</sup> Kankakee co. Ill. history	977.363
Kansas, U. S.	
admission U. S. hist.	973.68
<sup>1</sup> history	978.1
For military history, see sub- divisions of Special campaigns and Military history under 973.7 and 973.89	
struggle in U. S. hist.	973.66
<sup>1</sup> Kansas city, Mo. history	977.8411
Kansas-Nebraska bill "	973.66
Kant critical philosophy	142
German "	193.2
Karanian sheep	636.385
Karbo domestic animals	636.293
Karlsefne, T. discov. of Am.	973.13
Karoub fruit culture	634.462
<sup>1</sup> Karput, Asia Turk. hist.	956.6
<sup>1</sup> Kartum, Egypt history	962.6
<sup>1</sup> Kashmir, India history	954.6
Kashmir goat	636.39854
Kaspar von der Röhn	831.35
<sup>1</sup> Kastamuni, Asia Tur. hist.	956.3
Kate, J. J. L. ten Dut. poet.	839.3156
Kearny in New Mexico	973.6231
Kearsarge, ship U. S. hist.	973.754
Keats, John Eng. poetry	821.78
Keeley cure alcoholism	616.861
Keels shipbuilding	623.84
<sup>1</sup> Keewatin, Canada history	971.26
travel	917.126
Kellgren, J. H. Swed. poet.	839.7152
Kelpies folklore	398.4
Kelsen, S. T. Danish "	839.8137
Keltic ancient history	936
languages	491.6
Kempis, Thomas à	242.1
<sup>1</sup> Kendall co. Ill. history	977.326
<sup>1</sup> Kennebec co. Me. "	974.16
Kennedy, J. P. Am. fic.	813.32
<sup>1</sup> Kenosha city, Wis. hist.	977.599
<sup>1</sup> co. Wis. "	977.598
<sup>1</sup> Kent co. Del. "	975.14
trav	917.514
<sup>1</sup> England hist.	942.23
<sup>1</sup> Md. "	975.236
<sup>1</sup> Mich. "	977.455
<sup>1</sup> N. B. "	971.522
<sup>1</sup> Ont. "	971.333
<sup>1</sup> R. I. "	974.54
Kent poultry	636.523
sheep	636.3215
Kentucky, U. S.	
admission U. S. hist.	973.41
<sup>1</sup> history	976.9
For military history, see sub- divisions of Special campaigns and Military history under 973.52, 973.7 and 973.89	
travel	917.69
Kentucky horse	636.13
red turkey	636.5928
<sup>1</sup> Keokuk city, Ia. history	977.7991
<sup>1</sup> co. Ia. "	977.791
Kepler's problem astron.	521.37
Keramics art	738
chemic tech.	666.3
Keratomalacia eye diseases	617.71
Kermess	394.6
<sup>1</sup> Kern co. Cal. history	979.488
Kerosene	
chemic technology	665.5
heating chem.	542.43
inspection prot. of life	614.834
<sup>1</sup> Kerry, Ireland history	941.96
Kerry cattle	636.2256
sheep	636.3244
Ketones chemistry	547.6
<sup>1</sup> Kewaunee co. Wis. hist.	977.562
<sup>1</sup> Keweenaw co. Mich. "	977.499
Kexél, Olof Swed. drama	839.7253

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Key bugle musical instru. 788.46
- Keys  
and locks manufac. 683  
machine fastenings 621.883  
mathemat. student hon. 371.81
- Keyser, R. Danish essays 839.8463
- Khita ancient history 939.45
- <sup>1</sup>Khiva history 958.5  
travel 915.85
- <sup>1</sup>Khodavendigar Asia hist. 956.1
- <sup>1</sup>Khokand, Turkestan " 958.7
- Kidglove orange 634.322
- Kidnapping crim. law 343
- Kidney bean 635.652  
vetch 633.362
- Kidneys  
action of vagus on 612.819915  
anatomy 611.61  
diseases 616.61  
physiology 612.46  
surgery 617.46
- <sup>1</sup>Kildare, Ireland history 941.85
- <sup>1</sup>Kilkenny, " " 941.89
- <sup>1</sup>Killarney, " " 941.96  
travels 914.196
- Kilos anatomy 611.81711
- Kilpatrick's expedition 973.7362
- <sup>1</sup>Kincardine, Scot. history 941.26
- Kindergarten education 372.2
- Kindness ethics 177.7
- Kinematics machinery 621.81  
physics 531.1
- Kinetic theory of gases 533.7
- Kinetics physics 531.3
- Kinetograf fotografy 778
- Kinetoscope " 778
- King, William Eng. satire 827.47
- King George's war U.S. hist. 973.26  
Philip's " " " 973.24  
N.E. " 974  
William's " U.S. " 973.25
- Kinghir sheep 636.385
- Kingo, Thomas Dan. poet. 839.8134
- King's daughters 267.433
- Kings  
absolute monarchy 321.6  
bench 347.99  
book of, Bible 222.5  
constitutional monarchy 321.7
- <sup>1</sup>co. Cal. history 979.485
- <sup>1</sup>Ireland " 941.86
- <sup>1</sup>New Brunswick " 971.541
- <sup>1</sup>New York " 974.722
- <sup>1</sup>Nova Scotia " 971.634
- Kings  
co. P. E. I. history 971.77  
divine right pol. sci. 321.6  
evil diseases 616.996  
lives 923.1  
mountain Am. revol. 973.3364
- Kingship 321.6
- Kingsley, C: Eng. fiction 823.85
- <sup>1</sup>Kingston, Ont. history 971.372
- Kinkel, J; G. Ger. poetry 831.82
- <sup>1</sup>Kinross, Scotland history 941.34
- Kinship customs 392  
genealogy 929.1
- Kipp gas apparatus chem. 542.72
- <sup>1</sup>Kirkcudbright, Scot. hist. 941.49
- Kirmess 394.6
- Kissing customs 392.3
- Kitchen  
domestic economy 643.3  
gardening 635  
middens archeology 576.93
- Kitchens architecture 728.93
- Kite flying meteorology 551.51  
mil. aeron. 623.746  
sports 796
- Kites aeronautics 629.171
- <sup>1</sup>Kiva, Turkestan history 958.5
- Kjæmpeviser Dan. poet. 839.8112
- Kjærkegaard, S.A. " essays 839.8462
- Klausen, Peder " misc. 839.883
- Kleist, H; B.W; von 832.68
- Kleptomania mental dis. 132.6
- Klinger, F; M. Ger. dram. 832.64
- <sup>1</sup>Klondike region history 971.21
- Klopstock, F; G. Ger. poet 831.62
- Knee anatomy 611.983  
cap " 611.71845  
joint " 611.7283
- Kneipp cure therapeutics 615.853
- Knife, grass 631.3511  
grafting 631.341  
pruning 631.3422  
switches elec. eng. 621.31732
- Knifetooth harrow 631.3134
- Knightage heraldry 929.7
- Knighthood  
chivalry 394.7  
orders heraldry 929.7
- Knights  
Hospitalers 929.711  
of Columbus Great war 940.4775  
labor labor organiza. 331.88  
Malta 929.711  
Pythias secret soc. 366.2

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Knights			Krypton inorganic chem.	546.294
of Rhodes	929.711		Ku Klux Klan pol. ass'ns	363
St John	929.711		Kumiss adulterations	614.324
Templars	929.712		dairy products	637.146
Knitting dom. econ.	646.26		Kumquat	634.324
machines textiles	677		Kunawar, Punjab trav.	915.45
Knives cutlery	672		<sup>4</sup> Kurdish language	491.57
stone, chipt	571.15		<sup>1</sup> Kurdistan history	956.6
polisht	571.25		travels	915.66
Knorring, S. M. von	839.7361		<sup>1</sup> Kurile ilands history	952
Knowledge, theory of	121		travels	915.2
unity of	121		Kyloe cattle	636.2233
Knowles, J. S. Eng. dram.	822.72		Kyrie sacred music	783.22
Knownothing party				
U. S. history	973.66			
politics	329.5			
<sup>1</sup> Knox co. Ill. history	977.349			
travels	917.7349			
<sup>1</sup> Ind. history	977.239			
<sup>1</sup> Me. "	974.15			
<sup>1</sup> Mo. "	977.8315			
<sup>1</sup> O. "	977.152			
Knoxville campain	973.7358			
Kobolds folklore	398.4			
Kodaks fotografy	771			
Kohlrabi	635.348			
<sup>1</sup> Kokand, Turkestan hist.	958.7			
Kola agriculture	633.76			
therapeutics	615.32318			
Kolmogorian cattle	636.271			
Kola therapeutics	615.32318			
<sup>1</sup> Kongo, Africa history	967.2			
<sup>1</sup> Basin "	967.5			
travel	916.75			
<sup>1</sup> Free State history	967.5			
sheep	636.386			
<sup>1</sup> Konieh, Asia Turk. hist.	956.4			
Koomiss adulterations	614.324			
dairy products	637.146			
Koonawur, Punjab trav.	915.45			
<sup>1</sup> Koordistan history	956.6			
travels	915.66			
Koran Mahometanism	297			
<sup>1</sup> Kordofan, Egypt history	962.8			
Körner, K; T. Ger. poetry	831.66			
<sup>1</sup> Kosciusko co. Ind. hist.	977.282			
Kosmos univ. language	408.9			
<sup>1</sup> Kossuth co. Ia. hist.	977.721			
Kotzebue, A; F; F. von	832.66			
Koumiss adulterations	614.324			
dairy products	637.146			
Krishna Buddhism	294			
<sup>4</sup> Kroatian language	491.83			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- L. M. Z. formulæ geodesy** 526.46  
**Labels in museums** 579.72  
**Labia majora anatomy** 611.6732  
 minora " 611.6733  
**Labiatæ botany** 583.891  
**Labiche, E. M. Fr. drama** 842.81  
**Labor**  
 colony 331.8  
 dep't estab. U. S. hist. 973.85  
 induction of obstetrics 618.88  
 laws 338.9  
 obstetrics 618.4  
 of children 331.3  
 party polit. parties 329.85  
 pathology of obstetrics 618.5  
 political economy 331  
 savers, domestic 643.6  
 kitchen 643.34  
 literary 029.2  
 state control 351.83  
 statistics polit. econ. 331  
 unions " " 331.88  
**Laboratories**  
 architecture 727.5  
 biologic 590.7  
 chemic architecture 727.5  
 prac. chem. 542.1  
 physical architecture 727.4  
 school bildings 371.623  
 equipment 371.66  
 state adulterations 614.3  
**Laboratory**  
 technic chemistry 542  
 method of instruction 371.38  
**Laborers**  
 cottages architecture 728.68  
 domestic 647.3  
 factory organization 621.705  
 occupation hygiene 613.6  
 political econ. 331.8  
**Laboring**  
 classes laws, *see* Laws  
 polit. econ. 331.8  
 sociology 323.33  
**Labrador**  
 discovery of America 973.16  
<sup>1</sup> history 971.9  
**Labyrinth**  
 membranous anatomy 611.852  
 osseous " 611.853  
**Labyrinths prehist. arch.** 571.95  
**La Calprenède, G. de C. de** 843.43  
**Lacaune sheep** 636.3468  
**Lacedaemon anc. history** 938.9  
**Lacemaking art needlewk** 746  
 manufac. 677  
**Lacerated wounds surg.** 617.143  
**Laceration of genital tract** 618.55  
**Lacertilia reptils** 598.11  
**Lacewing flies pests** 632.74  
**Lachine rapids, Que. trav.** 917.14285  
**Lachrymal, *see* Lacrimal**  
**Lacistemaceæ botany** 583.983  
<sup>1</sup>**Lackawanna co. Pa. hist.** 974.836  
**Lacker**  
 work artistic furniture 749  
 manufactures 667.7  
<sup>1</sup>**Laclede co. Mo. history** 977.8815  
**Laconia ancient history** 938.9  
<sup>1</sup>**Laconics Eng. literature** 828  
**Lacquer**  
 work artistic furniture 749  
 manufactures 667.7  
**Lacrimal**  
 apparatus anatomy 611.8464  
 physiology 612.847  
 bone anatomy 611.7157  
 disorders eye diseases 617.76  
 secretions zoology 591.147  
<sup>1</sup>**La Crosse city, Wis. hist.** 977.572  
<sup>1</sup> co. Wis. " 977.571  
 travel 917.7571  
**Lacrosse games** 797  
**Lactation**  
 diseases of obstetrics 618.71  
 physiology 612.664  
**Lacteals anatomy** 611.426  
**Lactic fermentation physiol.** 612.66417  
**Lactiferous ducts anat.** 611.693  
**Lactin milk composition** 637.1272  
**Lactobutyrometer** 637.1275  
**Lactocrite** 637.1275  
**Lactodensimeter** 637.1276  
**Lactometer dairy** 637.1276  
 public helth 614.32  
**Lactoscope dairy** 637.1276  
**Lactose milk composition** 637.1272  
 nutrition 612.39614  
**Lactose nutrition** 612.39614  
**Lacunæ, urethral anat.** 611.6234  
**Ladders lib. econ.** 022.941  
**Ladies**  
 in library reading rooms 024.53  
 maids dom. econ. 647.25  
 of the Sacred Heart 271.93  
<sup>1</sup>**Ladrone ilands history** 996.7  
 travel 919.67  
**Lafayette, M. comtesse de** 843.48

<sup>1</sup> Lafayette, Ind. history	977.295	Lamentations Bible	224.3
<sup>1</sup> co. Mo. "	977.845	Lamiales botany	583.87
<sup>1</sup> Wis. "	977.579	Lammermuir sheep	636.3252
La Flèche fowls	636.543	La Motte, A. H. de Fr.dram.	842.51
La Fontaine, J. de Fr. poet	841.45	Pouqué, F; H; C;	833.65
Lagerbring, S. Swed. misc.	839.7844	Lamp	
<sup>1</sup> Lagrange co. Ind. hist.	977.279	black air pollution	614.747
La Harpe, J. F. de Fr. dram.	842.63	holes sewerage	628.253
essays	844.61	posts vent. of sewers	628.232
<sup>1</sup> Lahore, India history	954.5	shells zoology	594.8
Lahune sheep	636.3469	<sup>5</sup> Lampoons English satire	827
Laissez faire pol. econ.	330.153	Lampreys fishes	597.2
<sup>1</sup> Lake Champlain history	974.754	Lamps	
travels	977.4754	arc elec. lighting	621.325
<sup>1</sup> Lake co. Cal. history	979.417	bracket lib. bildings	022.765
<sup>1</sup> Ill. "	977.321	chemic technology	665.6
<sup>1</sup> Ind. "	977.299	filament elec. lighting	621.326
<sup>1</sup> Mich. "	977.468	incandescent vapor	621.3273
<sup>1</sup> O. "	977.133	library bildings	022.751
drainage	627.5	<sup>1</sup> Lanark, Scotland hist.	941.43
duck	636.59782	<sup>1</sup> co. Ont. "	971.382
dwellings archeol.	571.83	<sup>1</sup> Lancashire, England "	942.72
George, N. Y. hist.	974.751	sheep	636.3254
<sup>1</sup> Megantic co. Que. "	971.469	swine	636.4242
<sup>1</sup> of Bays dist. Ont. "	971.316	Lancaster	
<sup>1</sup> St John co. Que. "	971.414	and York Eng. hist.	942.04
<sup>1</sup> states, U. S. "	977	Irish "	941.54
travel	977.7	<sup>1</sup> co. Pa. history	974.815
For military history of all or		system education	371.41
individual states, see subdivi-		Lancelet fishes	597.1
sions of Special campaigns and		Lances side arms	623.4444
Military history under 973.52,		Land	
973.7 and 973.89		claims finance	336.13
surveys geodesy	526.99	companies	
transportation	387	drainage engin'g	627.5
vessels shipbuilding	623.824	farm economics	631.1
Lakenfeld cattle	636.2354	grants finance	336.14
Lakenvelder fowls	636.532	to public schools	379.123
cattle	636.2354	law	347.2
Lakes		laws polit. economy	333
artificial landsc. garden.	714	markers	631.3314
boundaries pol. sci.	320.1286	nationalization of	333.1
physical geografy	551.48	operations Great war	940.42
water supply	628.11	political economy	333
Lalli, G. Italian satire	857.53	public polit. economy	333.1
Lamaism	294	settlement guides	631.11
Lamartine, A. M. L. de P. de	841.74	slides geology	551.3
Lamb, Charles Eng. essays	824.75	soil	631.4
Lambertypes	773	state domain	336.1
Lambs lettuce	635.57	surveying	526.9
<sup>1</sup> Lambton co. Ont. history	971.327	tenure law	347.2
Lamellae, bony histology	611.01843	titles, insurance of	368.8
Lamellibranchiata zoology	594.1	travel protec. of life	614.861
La Mennais, H. F. R. de		under water drainage	631.616
French essays	844.71		
philosophy	194.6		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Landaise sheep 636.3463
- Landed  
 gentry English heraldry 929.725  
 industry state control 351.823
- <sup>1</sup>Landes, France history 944.77
- Landing  
 apparatus aviation 629.187  
 artillery mil. eng. 623.414  
 places aeronautics 629.144
- Landlord  
 and tenant law 347.2  
 polit. econ. 333
- Landrat Ger. local gov't 352.0433
- Landscape drawing 741  
 gardening 710  
 painting 758  
 photografs 779  
 sketching 741
- Landtag Ger. cent. gov't 354.4308  
 local " 352.0431
- Langebek, J. Dan. misc. 839.8842
- Langendijk, P. Dutch dram. 839.3241
- Langensalza goat 636.393
- Langerhans, ilands of anat. 611.377  
 physiol. 612.349
- <sup>1</sup>Langlade co. Wis. hist. 977.535
- Langland, W: Eng. poetry 821.15
- Langehan fowls 636.5853
- Language 400  
<sup>2</sup> English, origin of 422  
 lessons elemen. educ. 372.6  
 localization physiol. 612.825249  
 of flowers 716.2  
 origin of 401  
 physiology 612.789  
 sign def and dum 371.912  
 hieroglyphics 419.1  
 universal 408.9
- Languages  
 intranational migration 323.1  
 philology 400  
 see also qualifying names
- Langue bleue philology 408.9
- <sup>1</sup>Languedoc, France hist. 944.8  
 trav. 914.48  
 swine 636.447
- Lank sheep 636.3254
- <sup>1</sup>Lansing, Mich. hist. 977.427
- Lantern  
 astronomic 523.89  
 magic optics 535.86  
 slides education 371.335  
 lib. administra. 025.177  
 library cases for 022.487
- Lanterns dom. economy 644.322
- Lanthanum chemistry 546.63
- Lanzi, Luigi Ital. essays 854.64
- <sup>1</sup>Laos, Asia history 959.4
- Laparotomy surgery 617.55
- <sup>1</sup>Lapeer co. Mich. history 977.442
- La Peruse, J: B. de Fr. drama 842.33
- La Place's functions calcul. 517.35
- <sup>1</sup>Lapland, Russia history 947.1  
 travels 914.71
- <sup>1</sup>La Plata history 982
- <sup>1</sup>Laporte co. Ind. history 977.291
- Lapping machines 621.922
- Laprade, P: M. V: R: de 841.81
- <sup>1</sup>La Prairie co. Que. hist. 971.434
- Larceny law 343
- Lard  
 adulterations 614.313  
 chemic technology 664.3  
 refiners' occupation hyg. 613.62  
 refining air pollution 614.743
- Larder dom. economy 643.37
- Large  
 farm 631.1161  
 eard swine, French 636.441  
 German 636.434  
 intestin anatomy 611.347  
 physiology 612.36  
 numbers, cooking for 641.57  
 numbers, entertaining 642.43  
 or small college 378.15  
 Polish swine 636.433  
 Suffolk " 636.4246
- Larivey, Pierre de Fr. dram. 842.38
- Larra, M. J. de F. Span. fict. 863.51
- Larva comp. physiol. 612.651  
 embryology 591.34
- Laryngeal  
 nerv, inferior anatomy 611.831917  
 superior " 611.831916  
 pharynx " 611.3273  
 tonsils " 611.326
- Laryngology pathology 616.22
- Laryngoscope " 616.22
- Laryngoscopy " 616.22  
 physiology 612.7823
- Laryngotomy surgery 617.42
- Larynx  
 acoustics 534.7  
 anatomy 611.22  
 artificial physiol. 612.783  
 diseases of 616.22  
 of birds comp. physiol. 612.788  
 physiology 612.78

Larzac sheep	636.3468	Laudonnière discov. of Am.	973.18
La Sale, Antoine de Fr. fic.	843.23	Laughing	
<sup>1</sup> Lasalle, Ill. history	977.327	gas anesthetics	615.781
<sup>1</sup> Lassen co. Cal. history	979.426	physiology	612.219
travel	917.9426	Laughter emotions	157
<sup>1</sup> L'Assomption co. Que. hist.	971.4416	hysteria	616.852
Last supper sacraments	265.3	Launch engines	621.1228
La Taille, J; de Fr. dram.	842.36	Launching	
Late hours hygiene	613.79	tubes torpedoes	623.95
Latent period		ways shipbuilding	623.83
physiology of brain	612.8211	Laundresses dom. econ.	647.25
hart	612.1723	Laundries	
muscle	612.7417	architecture	728.93
Lateral		public dom. econ.	648.1
colum of cord anat.	611.8256	Laundry	
line comp. physiology	612.8869	accounts dom. econ.	648.11
Lath, metal plastering	693.66	cooperativ " "	648.1
wooden "	693.65	domestic economy	648.1
Lathe work mech. eng.	621.94	location of domestic	643.58
Latin		Lauragaise sheep	636.3465
antiquities	913.37	Laurineæ botany	583.931
biografy	920.037	Lava lithology	552.21
church	282	<sup>1</sup> Laval co. Que. history	971.427
classics	870	Lavatories	
epic poetry	873	domestic economy	643.52
erotica	874	furnishings dom. econ.	645.68
geografy	912.37	library bildings	022.686
hymns hymnology	245.7	school "	371.626
literature	879.1	La Vendée	
inscriptions	471.7	<sup>1</sup> French department	944.61
<sup>4</sup> language	470	insurrection	944.043
<sup>5</sup> literature	870	Lavender perfume plants	633.812
lyric poetry	874	Law	340
<sup>4</sup> medieval and modern	479	addresses	347.04
mythology	292	and miracles theology	231.7
squares and rectangles		and order leags temp'nce	178.4
mathematics	511.61	dictionaries	347.03
union	332.43	forms	347.93
Latissimus dorsi anat.	611.73112	interpretation pol. sci	328.21
Latitude		<b>making</b> " "	328
at sea navigation	527.1	merchant	347.7
determinations geodesy	526.61	metaphysics	
<b>finding</b>	525.41	moral ethics	170
geocentric theor. astron.	521.26	of corporations	347.7
heliocentric " "	521.25	nations	341
variations of " "	521.28	nature science	501
Latium ancient history	937.6	sociology	340.1
<sup>1</sup> modern "	945.6	special topics see subject	
Latrines sanitation	628.45	parish ecclesias. polity	262.2
Latterday saints Mormons	298	parliamentary	328.1
Lattis doors arch. constr.	721.83	reports American	345.4
girders engin'g	624.23	English	346.4
Lattist construction bild'g	694.5	schools	340.7
Laube, H; Ger. drama	832.76	architecture	727.4
		Sunday	263.8

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



## RELATIV INDEX

Lawn bowls	796	Leakage	
mowers	631.3527	elec. power transmission	621.
tennis	796	railway engineering	621.
Lawns	712	Leanness   physiol.	612.
<sup>1</sup> Lawrence co. Ill. history	977.376	<b>Learned societies</b>	060
<sup>1</sup> Ind.       "	977.226	bildings arch.	727.
<sup>1</sup> Mo.       "	977.875	<b>Learning revival lit. hist.</b>	809
<sup>1</sup> O.       "	977.188	Leases law	347.
<sup>1</sup> Pa.       "	974.893	Least squares	
Laws		computing orbits	521..
aeronautics	629.148	in geodesy	526..
bilding bilding	692.9	probabilities	519..
protec. of life	614.85	Leather, <i>see</i> Lether	
citizenship	323.61	Leaves fertilizers	631..
conflict of	341.5	shapes of botany	581..
library lib. econ.	021.894-9	<sup>1</sup> Lebanon co. Pa. history	974..
medical license	614.24	Leblanc ram hyd. mach.	621..
practis	614.2	Lebrun, P. D. E. Fr. poet.	841..
<sup>0</sup> of language English	422.1	<sup>1</sup> Lecce, Italy history	945.
plumbing	696.9	Lecithin blood	612.
school	379.14	nutrition	612..
uniform legislation	328.22	Lecompton constitution	
Lawyers		Kansas history	978.
and American revolution	973.315	slavery	326..
ethics	174.3	U. S. history	973..
<i>Ilves</i>	923.4	Le Coq, Thomas Fr. dram.	842..
Laxatives therapeutics	615.7321	Lectern sacred furniture	247..
Lay ministry eccles. polity	262.14	Lectinary Anglican ritu.	264..
Layamon Eng. poetry	821.11	Lecture rooms lib. bilding	022..
<b>Layering plant culture</b>	631.534	school	371..
pots	631.335	Lectures	
Layettes clothing	646.36	copyright of	655..
Laying of eggs zootechny	636.08246	<sup>0</sup> English oratory	825
Laying out of		for laboring classes	331..
farm	631.12	halls for architecture	725..
towns and streets eng.	625.7	instruction methods	371..
public helth	614.781	library	021..
Lazarettos		library propagandism	021..
contagious diseases	614.45	support	021..
hospitals	362.1	popular education	374.
Lazarists monastic ord.	271.77	<sup>2</sup> on special topic <i>see</i> subject	
Lead, <i>see</i> Led		Led	
Leading		accumulators elec. eng.	621..
cases American law	345.5	black economic geol.	553..
English "	346.5	chemistry	546..
on special subjects <i>see</i>		drugs	615..
subject		manufacture	671
Leading glazing	698.5	metallurgy	669..
Leaf chervil	635.78	mining	622.
cuttings	631.5357	ores economic geology	553.
hoppers pests	632.75	poisoning toxicology	615..
insects "	632.72	roofs bilding	695..
Leag of nations	341.1	water pipes	628.
Leags, law and order	178.4	Leding glazing	698.

Topics in black face type are subdivided. Superior figures refer to the tables at the end of the

Lee		
C: treason Am. revol.	973.383	
R. E: surrender U.S. hist.	973.7384	
<sup>1</sup> Lee co. Ill. history	977.336	
<sup>1</sup> Ia " "	977.799	
Leechee	634.571	
Leeches culture	639.8	
medicin	616.9688	
zoology	595.1	
<sup>1</sup> Leeds city, Eng. history	942.74	
<sup>1</sup> co. Ont. " "	971.373	
Leek	635.261	
<sup>1</sup> Leelanaw co. Mich. hist.	977.463	
<sup>1</sup> Leeward ilands " "	972.97	
trav.	917.297	
Left hart anatomy	611.122	
Lefthandedness	612.76	
Leg anatomy	611.984	
lymfatics " "	611.42184	
muscles " "	611.7383	
surgical operations	617.58	
Legacies law	347.6	
taxation	336.27	
Legal		
anecdotes	340.9	
bibliografy	016.34	
capacity of persons law	347.1	
chemistry law	340.6	
education	340.7	
ethics	174.3	
hermeneutics	347	
holidays lib. econ.	023.652	
maxims	340.9	
medicin asphyxiation in	612.232	
jurisprudence	340.6	
profession, <i>see</i> Lawyers		
status of woman	396.2	
tender paper money	332.5	
Legendre's theorem geod.	526.42	
Legends folklore	398.2	
monastic	271	
mythology	291	
of the Madonna	225.92	
Legerdemain	791	
Leghorn fowls	636.551	
Legislation	328	
American statutes	345	
British " "	346	
comparativ	340.5	
fertilizers	631.818	
industrial	338.9	
library founding of libs.	021.8	
political science	328	
public heith	614.09	
Legislation		
sumptuary social ethics	177.4	
wages	331.261	
see also qualifying term		
Legislativ		
bodies and annals	328	
manuals	328.371	
reporting shorthand	653.046	
Legislators		
powers	328.34	
restrictions	328.34	
Legislatures, <i>see</i> Legis. bodies		
Legitimacy family law	347.6	
Legs, artificial surgery	617.58	
Legumes field crops	633.3	
food values	641.12	
garden crops	635.6	
harvesting	631.5563	
nutrition	612.39272	
Leguminosæ botany	583.32	
Leguminous fruits	634.46	
<sup>1</sup> Lehigh co. Pa. history	974.827	
Leibnitz Ger. filosofy	193.1	
<sup>1</sup> Leicester, Eng. history	942.54	
travels	914.254	
sheep	636.3212	
border sheep	636.3213	
<sup>1</sup> Leinster, Ireland history	941.8	
<sup>1</sup> Leipzig history	943.21	
travels	914.321	
Leitneriæ botany	583.972	
<sup>1</sup> Leitrim, Ireland history	941.71	
Le Mans fowls	636.543	
Lemercier, L' J: N.	842.68	
Lemnaceæ botany	584.68	
Lemniscus anatomy	611.8167	
Lemnos ancient history	939.11	
<sup>1</sup> modern " "	949.91	
<sup>1</sup> Lemoille co. Vt. history	974.33	
Lemon vine	634.7757	
Lemonade adulterations	614.346	
Lemons fruit culture	634.334	
Lempster sheep	636.3242	
Lemur zoology	599.8	
<sup>1</sup> Lenawee co. Mich. hist.	977.431	
Length of college course	378.241	
legislative sessions	328.354	
term of offis	328.3356	
working day econ.	331.811	
Lennepe, J. van Dutch fic.	839.3354	
Lenngren, A. M. Swed. poet.	839.7156	
Lennoaceæ botany	583.66	
<sup>1</sup> Lennox & Addington co. Ont.		
history	971.359	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Lens					
crystallin	anatomy	611.8441			
	physiology	612.8441			
eye diseases		617.74			
Lenses	optics	535.81			
	photografy	771			
Lénström, K. J.	Swed. lit.	839.7464			
Lent	Anglican church	264.031			
Lenten	cookery	641.566			
	mass music	783.27			
Lentibulariæ	botany	583.825			
Lenticular nucleus	anat.	611.81322			
Lentils		635.668			
Leo 3	Byzantine history	949.502			
Leon					
L. P. de	Span. poetry	861.33			
Ponce de	discov. of Am.	973.16			
<sup>1</sup>	Spain history	946.2			
Leonese	sheep	636.366			
Leopardi, G.	Ital. poetry	851.75			
Leopold 1	Ger. history	943.044			
	"  "	943.06			
Leopold, K. G. af		839.7157			
Lepidoptera	agric. pests	632.78			
	zoology	595.78			
Lepisma	agric. pests	632.71			
Leprosy	pathology	616.998			
	public helth	614.546			
Leptocardii		597.1			
Le Sage, A. R.	Fr. fiction	843.51			
Lesbos	ancient history	939.12			
<sup>1</sup>	modern "	949.92			
Leslie's	Virginia exped.	973.3361			
Lesser	circulation, pressure	612.148			
Lessing, G. E.	Ger. drama	832.61			
Lether	domestic econ.	646.15			
	manufacture	675			
	stamp bilding	698.8			
Letter writing	compo.	808.6			
	etiquet	395			
Lettering, ornamental		745			
<sup>2</sup> Letters	English alfabet	421			
<sup>3</sup>	literature	826			
	patent patents	608			
<sup>2</sup>	see also special subject				
Lettic languages		491.9			
<sup>4</sup> Lettish	"	491.93			
Lettuce		635.52			
Leucocytes	physiology	612.112			
Leucocythemia	diseases	616.41			
Leucocytic ferments	phys.	612.11211			
Leucocytosis	"	612.1126			
Leucomains	"	612.398195			
Leucorrhæa	gynecology	618.17			
<sup>1</sup> Levant, Asia	history	956			
	travels	915.6			
	sheep	636.385			
	ship U.S. war 1812	973.5257			
Levator					
anguli oris	anatomy	611.7326			
scapulae	anatomy	611.73114			
Levatores					
costarum	anatomy	611.7354			
labii	"	611.7326			
Levees	hydraulic engin'g	627.4			
Level constant	astron.	522.36			
Leveling					
adjustments	geodesy	526.58			
barometric	geodesy	526.37			
spirit		526.36			
surveying		526.95			
trigonometric		526.38			
Lever					
application	obstetrics	618.81			
	mechanics	531.81			
Levers					
ordnance implements		623.463			
Levigation	prac. chem.	542.22			
<sup>1</sup> Levis co. Que.	history	971.459			
Levitation	spiritism	133.9			
Leviticus	Bible	222.13			
Lewes, Mrs G: H:	Eng. fic.	823.88			
Lewis, M. G.	Eng. fiction	823.71			
<sup>1</sup> Lewis co. Mo.	history	977.8345			
<sup>1</sup>	N. Y. "	974.759			
<sup>1</sup>	W. Va. "	975.461			
Lex mercatoria	law	347.7			
Lexicografy, comparativ		413			
<sup>3</sup>	Eng. language	423			
<sup>2</sup> Lexicons	see Language				
<sup>2</sup>	on special topics see subject				
Lexington, battle	Am. rev.	973.3311			
	ship " "	973.353			
Liabilities	bilding	692.9			
Liability					
acts, employers		331.82			
insurance	business	368.4			
	pol. econ.	331.25			
to military servis		355.22			
Lias	geology	551.76			
Libby prison	U.S. civ. war	973.7712			
Libel	law	347.5			
Liberal					
christianity	rationalism	211			
	unitarianism	288			
degree, subjects allowable		378.242			
Liberality	ethics	179.9			
<sup>1</sup> Liberia	history	966.6			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Liberty			Library	
civil law		347.1	<b>buildings</b>	<b>022</b>
<b>political science</b>		<b>323.44</b>	architecture	727.8
ecclesiastic polity		262.8	schools	371.622
metaphysics		123	Bureau	020.65
of conscience eccles. pol.		262.8	<b>catalogs</b>	<b>author</b>
press journalism		070.13	<b>dictionary</b>	<b>019</b>
<b>political science</b>		<b>323.445</b>	<b>subject</b>	<b>017</b>
will mental faculties		159	commission room bldgs	022.612
personal doctrin		233.7	cranks lib. decorum	024.52
law		347.1	departments, state	021.82
<b>political sci.</b>		<b>323.44</b>	economy	020
salvation		234.9	fires	022.26
religious church		261.7	furnishings dom. econ.	645.63
state ethics		172.3	<b>furniture</b>	<b>022.9</b>
Librarian			fixt	022.349
apartment lib. bildings		022.691	<b>government</b>	<b>023</b>
chief		023.4	<b>legislation lib. econ.</b>	<b>021.89</b>
duties		023.7	meetings staf privilege	023.68
hours		023.6	name on book binding	025.254
<b>qualifications</b>		<b>023.51</b>	post, cheap lib. law	021.863
Y. M. C. A.		267.342	progress	021.03
Librarians biograpy		920.2	property staff rules	023.94
Libraries			rooms Y. M. C. A.	267.325
architecture		727.8	<b>schools</b>	<b>020.7</b>
arguments against		021.02	<b>staff organization</b>	<b>023.7</b>
for		021.01	Y. M. C. A.	267.3532
for blind		027.6	Librations moon	523.33
<b>working classes</b>			<b>Librettos opera</b>	<b>782</b>
lib. econ.		027.6	Libya ancient history	939.77
pol. "		331.85	Libyan sheep	636.386
free public lib. "		027.4	Lice animal parasites	616.9681
state control		351.852	biting agric. pests	632.75
general lib. econ.		027	License	
home " "		021.67	local government	352.8
house " "		021.66	of dentists pub. helth	614.24
imaginary book rarities		098	pharmacists " "	614.24
in block, buying		025.225	physicians " "	614.24
parochial lib. econ.		027.8	teachers education	371.13
parish work		257	taxation	336.27
private lib. econ.		027.1	temperance	178.4
regulations for readers		024	Licenses, maritime	387
school education		371.64	Lichens botany	589.1
lib. econ.		027.8	Licinian laws pol. econ.	333
scope and founding		021	Roman hist.	937.02
special for schools		021.33	<sup>1</sup> Licking co. O. history	977.154
special subject		026	Lidner, Bengt Swed. poet.	839.7153
Sunday opening lib. econ.		024.41	Lieberkühn's glands	611.3415
theol.		263.7	Lieder vocal music	784.4
traveling		021.65	<sup>1</sup> Liège history	949.3
in sense of series see subject			travels	914.93
Library			Lien laws	347.2
administration		025	Liernur system sewerage	628.213
benefit associations		023.59		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

## Life

animal	painless extinct.	614.971
appointment to legis. body		328.3351
<b>army</b>		<b>355.1</b>
<b>biology</b>		<b>570</b>
boats	outfit	623.86
	protection of life	614.867
	shipbuilding	623.829
conditions of	biology	577.4
contingencies	math.	519.5
elixir of alchemy		540.1
ethics		179.7
<b>future doctrinal theol.</b>		<b>237</b>
	natural "	218
<b>insurance</b>		<b>368.3</b>
	probabilities	519.5
metaphysics		111
<b>nature of physiol.</b>		<b>612.013</b>
navy		355.1
of legislatures		328.354
<b>origin of biology</b>		<b>576</b>
	polit. sci.	323.43
preservers	protec. of life	614.867
	ship outfit	623.86
<b>properties of living matter</b>		<b>577</b>
<b>protection from accidents</b>		<b>614.8</b>
saving servis	protection	614.868
	transport.	656
sedentary	hygiene	613.65
tables	life insurance	368.3
<b>Lifting</b>		
bridges	engineering	624.84
committee	legislation	328.375
<b>machinery</b>	<b>hydraulic</b>	<b>621.263</b>
	<b>mech. eng.</b>	<b>621.86</b>
	"	621.272
rams		
<b>Lifts</b>		
book	library econ.	022.945
canal	engineering	626.5
domestic	economy	643.6
mechanic	engineering	621.87774
school	equipment	371.629
<b>Ligaments</b>	<b>anatomy</b>	<b>611.72</b>
	of larynx	611.227
	uterus	<b>611.667</b>
<b>Ligatures</b>	<b>therapeutics</b>	<b>615.813</b>
<b>Light</b>		
<b>and air</b>	<b>hygiene</b>	<b>613.1</b>
	shade arch. design	729.14
	shadow, grafics of	515.7
animal production	physiol.	612.772
	zoology	591.59
effect on iris	physiol.	612.8423
	plants	581.1

## Light

<b>electric</b>	<b>engineering</b>	<b>621.32</b>	
	lib. bildings	022.754	
	physics	537.83	
houses	engineering	627.9	
	navigation	656	
	optics	535.88	
houses	protec. of life	614.865	
<b>infantry</b>	<b>mil. sci.</b>	<b>356</b>	
<b>mesology</b>		<b>612.01444</b>	
of earth		525.2	
	moon	523.32	
	stars	523.82	
	sun	523.72	
<b>optics</b>		<b>535</b>	
	perspectiv of shadows	515.63	
	photochemistry	541.35	
	polarization of	535.5	
	therapeutics	615.831	
	zodiacal astronomy	523.59	
<b>Lighters</b>	<b>boatbuilding</b>	<b>623.829</b>	
	power "	623.8232	
<b>Lighthouse</b>			
	tenders	shipbuilding	623.826
<b>Lighting</b>			
	decorativ	fine arts	745
<b>electric</b>	<b>engineering</b>	<b>621.32</b>	
	physics	537.83	
<b>engineering</b>		628.9	
<b>library bildings</b>		022.7	
<b>mediums</b>	<b>chem. tech.</b>	<b>665</b>	
mines		622.47	
panels	elec. eng.	621.31727	
school bildings		371.627	
shipbuilding		623.85	
<b>systems</b>	<b>dom. econ.</b>	<b>644.3</b>	
windows	architecture	729.38	
<b>Lightning</b>			
	agriculture	632.15	
	arresters	elec. line	621.31982
		stations	621.3178
		telephone central	621.38794
		terminal	621.38694
	telegraf		621.38328
deth by	electrophysiol.		612.014425
physics			537.4
rods	physics		537.4
shock	surgery		617.12
<b>Lights</b>			
<b>and fuel</b>	<b>dom. econ.</b>	<b>644</b>	
	shades	drawing	742
		perspectiv	515.63
<b>chemic technology</b>		<b>665</b>	
<b>ecclesiology</b>		246.6	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Lightships	shipbuilding	623.826	Lincolnshire	buffs	poultry	636.526
Lignite	econom. geol.	553.22		cattle		636.2224
Liguria, Italy	history, anc.	937.1		sheep		636.3214
	antiquities	913.371		swine		636.4245
<sup>1</sup>	history mod.	945.1	Lincrusta	paperhanging		698.8
	travel	914.51	Lindau, Paul Ger.	drama		832.85
Liliaceæ	botany	584.32	Linde apparatus	chem.		542.79
Lillo, G:	English drama	822.57	Lindsley's	takigrafy		653.71
<sup>1</sup> Lima, O.	history	977.1421	Line			
<sup>1</sup>	Peru	985	breeding	zootechny		636.08241
	travel	918.5	electric	traction		621.332
Lima bean		635.653		transmission		621.3192
Limbers	ordnance	623.4314		engraving		765
Limbic lobe	anatomy	611.81314	Lineæ	botany		583.211
Limbo	eschatology	236.7	Linear	perspectiv		515.61
Limbs	anatomy	611.98	Linen			
	artificial	617.58	bed	dom. economy		645.67
Limburger cheese		637.3533	fabrics	" "		646.12
Limbus			furnishings	" "		645.48
infantum	eschatology	236.7	manufacture			677
patrum	"	236.6	table	dom. economy		642.7
Lime, <i>see</i> Limes			Lines			
Limeberry		634.342	analytic	geometry		516
<sup>1</sup> Limerick, Ireland	history	941.94	descriptiv	"		515
	treaty of	941.56	electric	engineering		621.319
Limes	building material	691.5	geometry			513
	chemic technol.	666.9	Ling, P. H.	Swed. poetry		839.7161
	disinfectants	614.48	Lingual artery	anatomy		611.13322
	economic geology	553.68	tonsi	"		611.325
	fertilizers	631.821	Linguistics			400
	fruit culture	634.337	Linguists	biografy		924
Limestone	crystallin	552.46	Lingula	anatomy		611.8185
	econom. geol.	553.51	Linings			
	lithology	552.54	masonry	mining		622.28
	sheep	636.3256	mineral wool	masonry		693.67
Limitation			watertight	mining		622.56
election	expenditures	324.273	Link motion	mech. eng.		621.84
individual	rights	323.49	Linkages	machinery		621.84
Limited			<sup>1</sup> Linlithgow, Scot.	history		941.44
editions		094	<sup>1</sup> Linn co. Ia.	"		977.762
vote	suffrage	324.223	<sup>1</sup>	Mo.		977.824
<sup>1</sup> Limousin, France	history	944.66	Linnæan system	botany		580.1
	sheep	636.3425		zoology		590.1
	swine	636.445	Linné, K; von	Swed. misc.		839.7842
Limpets	zoology	594.3	Linoleum			
Lincoln, A.	presidency of	973.7	domestic	economy		645.1
<sup>1</sup> Lincoln co. Eng.	history	942.53	library	"		022.961
	travels	914.253	manufactures			679
<sup>1</sup>	Me.	history	974.15	Linotype		
<sup>1</sup>	Mo	"	977.837	newspapers		070.3222
<sup>1</sup>	Ont.	"	971.351	printing		655.28
<sup>1</sup>	W. Va.	"	975.443	Lintels	architec. constr.	721.86
<sup>1</sup>	Wis.	"	977.527	Linton	sheep	636.3252
				Lions	zoology	599.7

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Lip  
 reading education 371.912
- Lipoids  
 in blood physiology 612.123  
 physiology of nutrition 612.3978
- Lipolytic ferments *physiol.* 612.3973
- <sup>1</sup>Lippe, Germany history 943.55
- Lippi, Lorenzo Ital. satire 857.54
- Lips anatomy 611.317  
*physiol. of speech* 612.7892
- Liptocardii fishes 597.1
- Liquefaction  
 heat 536.42  
 of gases chem. 542.79  
 physics 533.2
- Liquid  
 air physics 533.2  
 fertilizer distributors 631.3334  
 fuel chem. tech. 662.6  
 fuels steam engin'g 621.18223  
 state chemistry 541.32  
 treatment *prac. chem.* 542.6  
 wastes *indus. sanitat'n* 628.54
- Liquids  
 absorption by skin 612.7914  
 in lungs 612.2159  
 physics 532  
 volumetric analysis 545.6
- Liquor laws  
 administration 351.761  
 license 178.4  
 prohibition 178.5
- Liquors  
 internal revenue 336.27  
 manufacture 663  
 taxation 336.27  
 traffic in temperance 178.4  
 use of " 178.1
- <sup>1</sup>Lisbon history 946.9  
 travel 914.69
- Liscow, C. L; Ger. satire 837.54
- <sup>1</sup>L'Islet co. Que. history 971.474
- Lissauer's tract anatomy 611.8255
- List  
 system suffrage 324.224
- Lists  
 electoral suffrage 324.241  
 legislativ bodies official 328.338  
 unofficial 328.339
- Litanies sacred music 783.26
- Litany Anglic. church 264.033
- <sup>1</sup>Litchfield co. Ct. history 974.61
- Litchi 634.771
- Literary  
 addresses 804  
 on special topics see topic  
 clubs self education 374.23  
 criticism, art of 801  
 with thing criticized see subject  
 esthetics 801  
 frauds and forgeries 809  
 history 809  
 institutions colleges 378  
 men biography 928  
 diet for hygiene 613.21  
 methods library econ. 029  
<sup>6</sup>miscellanies, English 828  
 occupations hygiene 613.65  
 periodicals 805  
 property law 347.3  
 publishing 655.6  
 societies student life 371.84  
 style rhetoric 808
- Literature 800  
 biography of 928  
 children delineated in 136.758  
 classic (Greek and Latin) 880  
 immoral ethics 176.8  
 lib. exclusion 025.217  
 restriction 024.674  
 medieval 800  
 modern 800  
 relation to pol. econ. 330.198  
 woman delineated in 396.8
- Lithium chemistry 546.34
- Lithography engraving 763
- Lithology geology 552  
 microscopic 552.8
- Lithophytes zoology 593.6
- Lithotomy surgery 617.46
- Lithotrity " 617.46
- Lithozincography 767
- <sup>1</sup>Lithuania history 947.5  
 travels 914.75
- <sup>4</sup>Lithuanian language 491.92
- Litoral rights pol. econ. 333.9
- Little  
 Belt and President  
 U. S. history 973.51
- <sup>1</sup> Kanawha val. W. Va. hist. 975.42
- <sup>1</sup> Russia history 947.7  
 travels 914.77  
 shelbark hickory 634.522  
 sisters of the poor 271.95
- Littre's gland anatomy 611.6234
- Liturgia 264

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Live stock	agriculture	636	Lobsters		
	insurance	368.5	fishery		639.5
Liver			zoology		595.38
anatomy		611.36	Local		
diseases of		616.36	government administ.		352
physiology		612.35	histories	see name of place	
secretions	physiology	612.35	history room lib. bldgs		022.64
<sup>1</sup> Liverpool	history	942.72	legislation		328.378
	travels	914.272	option temperance		178.4
Liverworts	botany	588.3	taxation for pub. schools		379.13
Livery			taxes finance		336.28
stables	architecture	725.38	Localizations		
uniforms	dom. econ.	647.33	cerebral physiology		612.8252
Lives	biography	920	in animals	comp. "	612.82525
of American indians		970.2	Location		
gipsies		397	of bridges	engin'g	624.14
slaves		326.92	college or university		378.15
Living			factories		621.701
cost of		647.1	farm		631.11
matter, properties of		577	house	dom. econ.	643.1
room	dom. economy	645.65	library bildings		022.1
wage	polit. econ.	331.214	observatories		522.11
Livingston, W:	Am. poet.	811.15	roads	engin'g	625.72
<sup>1</sup> Livingston co. Ill.	hist.	977.361	Loci		
<sup>1</sup>	Mich.	" 977.436	in space	analytic geom.	516.3
<sup>1</sup>	Mo.	" 977.822	plane	" "	516.1
<sup>1</sup>	N. Y.	" 974.785	Locke, D: R.	Am. humor	817.42
<sup>1</sup> Livonia, Russia		947.4	J:	Eng. filosofy	192.2
	travel	914.74		sensationalism	145
<sup>1</sup> Livonian language		491.93	Locking up	printing	655.27
Livy	Latin literature	878.4	Lockjaw	diseases	616.854
Lixiviation	prac. chem.	542.61	Lockouts	capital & labor	331.895
Lizards	reptils	598.11	Locks		
Ljunggren, G. H. J.		839.7465	and keys	manufacture	683
Llama	domestic animals	636.296	architectural construction		721.88
Load			canal engineering		626.4
bidge	engineering	624.172	nut	railway engineering	625.15
floor	lib. bilding	022.438	Lockups	architecture	725.62
Loaders, hay		631.3533	Locomotion		
Loadstone			animal	comp. anatomy	591.47
economic geology		553.3	communication		656
magnetism		538.1	organs of	pathology	616.7
Loan funds, student		378.362	physiology		612.76
institutes	pol. econ.	332.3	Locomotiv cranes		621.875
systems	lib. "	025.6	Locomotivs		
<sup>1</sup> Loango, Africa	history	967.2	comprest air		621.42
	travel	916.72	electric engineering		621.3342
Loans			railroading		656
library	lib. econ.	024.6	steam engineering		621.13
private	finance	332.3	Locomotor ataxia	diseases	616.83
public	"	336.3	Locris, Greece	anc. hist.	938.3
Loaseæ	botany	583.453	Locusts	econ. zoology	591.69
Lobbying	legis. bodies	328.368		pests	632.72
LOBELIA	cerebrospin. pois.	615.98	Lodges, porter's	architec.	728.91

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Lodging houses for poor 362.5  
 Lodgings, student 371.87  
 Log book seamanship 656  
<sup>1</sup>Logan co. Ill. history 977.357  
     O. " 977.146  
     <sup>1</sup> W. Va. " 975.444  
 Loganberry agriculture 634.714  
 Loganiaceæ botany 583.74  
<sup>1</sup>Logansport, Ind. hist. 977.286  
 Logarithms 510.8  
 Logau, F; von Ger. poetry 831.53  
 Logging timber trade 674  
 Logia sayings of Jesus 229.9  
 Logic 160  
 Logical machines 164  
 Logos Christology 232.2  
 Logotypes printing 655.23  
 Logrolling legislation 328.3745  
 Logs  
     speed ship outfit 623.86  
 Lohenstein, D. C. Ger.dram.832.52  
<sup>1</sup>Loir et Cher, France hist.944.53  
 Loir-et-Cher sheep 636.3449  
<sup>1</sup>Loire France history 944.58  
     basin sheep. 636.344  
     <sup>1</sup> Inférieure, France hist. 944.14  
<sup>1</sup>Loiret " " 944.52  
 Lollards religious sect 289.9  
 Lombard  
     kingdom, Italy history 945.01  
     street banking 332  
<sup>1</sup>Lombardy, Italy history 945.2  
 Lönberg, Jens Dan. drama 839.8235  
<sup>1</sup>London, Eng. history 942.1  
     travel 914.21  
     Ont. history 971.326  
<sup>1</sup>Londonderry, Ire. history 941.62  
 Long  
     distance telephony 621.38781  
     eard swine 636.433  
     horned cattle American 636.2821  
     English 636.2288  
     <sup>1</sup> Island, N. Y. history 974.721  
     battle Am. revol.973.3322  
     <sup>1</sup> Point island, Ont. hist. 971.336  
     running squash 635.622  
     tailed sheep 636.35  
     wool " 636.321  
 Longevity animals 591.139  
     librarians 023.58  
     life insurance 368.3  
     physiology 612.68  
     probabilities 519.5  
     statistics 312  
 Longfellow, H: W. Am.poet 811.34  
<sup>1</sup>Longford, Ireland history 941.81  
 Longissimus dorsi anat. 611.73136  
 Longitude  
     at sea navigation 527.2  
     determinations geodesy 526.62  
     geocentric theor. astron. 521.26  
     heliocentric " " 521.25  
     methods of finding 525.46  
     variations theor. astron. 521.28  
 Longley shorthand 653.63  
 Longus Danish misc. 839.8811  
 Longus colli anatomy 611.7336  
 Lonk sheep 636.3254  
<sup>1</sup>Loo-choo ilands history 952  
     travel 915.2  
 Looking glasses optics 535.87  
     toilet 391  
 Lookout mt U.S.civ.war 973.7359  
 Loom, power manufact. 677  
 Loosjes, Adriaan Dutch fict. 839.3351  
 Loots, Cornelis " poet. 839.3153  
 Lope de Rueda Span.dram.862.39  
 Lope de Vega " " 862.31  
 Lopez de Ayala, P. " poet. 861.21  
 Lophobranchii fishes 597.5  
 Loquat fruit culture 634.16  
<sup>1</sup>Lorain city, O. history 977.1231  
     <sup>1</sup> co. O. " 977.123  
 Loranthaceæ botany 583.941  
 Lord chancellors biography 923.442  
 Lord's day 263.3  
     prayer 226.9  
     supper sacraments 265.3  
 Loris, Guillaume de Fr. poet.841.18  
<sup>1</sup>Lorraine, France history 944.38  
     <sup>1</sup> Germany " 943.45  
<sup>1</sup>Los Angeles city, Cal. hist. 979.494  
     <sup>1</sup> co. " " 979.493  
 Loss of animal heat physiol. 612.52  
     citizenship pol. sci. 323.64  
     fertilizing principles 631.814  
 Losses  
     regimental U.S. civ. war 973.7419  
 Lost books book rarities 098  
     lib. economy 024.85  
<sup>1</sup>Lot, France history 944.73  
     <sup>1</sup> et Garonne, Fr. hist. 944.76  
 Lot sheep 636.3466  
<sup>1</sup>Lotbinière co. Que. hist. 971.458  
 Loteae legume crops 633.374  
 Lothaire 1 German history 943.01  
     2 " " 943.023

Lotteries	ethics	174.6
	history of	174.6
Lotus	Egyptian religion	299.31
Lotze	German philosophy	193.8
Louhans	poultry	636.544
Louis		
6	French history	944.022
7	" "	944.022
8	" "	944.023
9	" "	944.023
10	" "	944.024
11	" "	944.027
12	" "	944.027
13	" "	944.032
14	" "	944.033
15	" "	944.034
16	" "	944.035
18	" " first emp.	944.05
	" " restorat'n	944.061
1	German "	943.01
2	" "	943.021
3	" "	943.021
4	" "	943.026
	Napoleon French hist.	944.07
	Philippe " "	944.063
<sup>1</sup>	Louisa co. Ia. "	977.7926
Louisburg	U. S. hist.	973.26
Louisiana, U. S.		
	admission U. S. history	973.51
<sup>1</sup>	history	976.3
	For military history, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89	
	purchase U. S. history	973.46
	secession " "	973.713
<sup>1</sup>	Louisville, Ky. history	976.9
	Lounging gowns	646.47
<sup>1</sup>	Louth, Ireland history	941.82
	Louvre gallery, fine arts	708.4
Love	ethics	177.6
	feasts pub. worship	264.8
	of God theology	231.6
	psychology	157
	Lovejoy, E. P. murder of	973.7114
	Lovelace, R: Eng. poetry	821.45
Low	blueberry, dwarf	634.734
	" pale	634.736
	countries history	949.2
	travel	914.92
	country sheep	636.331
<sup>4</sup>	Dutch language	439.3
	German literature	839.1
<sup>4</sup>	Latin language	479
	literature	879

Low		
	pressure engines	621.11252
	hot water heating	697.4
	steam " "	697.5
	velocity overshot wheels	621.221
Lowell, J. R.	Am. poetry	811.37
Lowenthal's tract	anat.	611.8256
Lower		
<sup>1</sup>	California, Mex. history	972.2
<sup>1</sup>	Canada history	971.4
<sup>1</sup>	empire Byzantine	949.5
	extremities anatomy	611.98
	bones	611.718
	bursae	611.758
	joints	611.728
	lymf glands	611.468
	lymfatics of	611.4218
	muscles	611.738
	surgery	617.58
<sup>1</sup>	Guinea history	967.1
	travel	916.71
	house legislativ bodies	328.32
	Silurian group geology	551.731
	Lowland German swine	636.431
	Loyal legion mil. order	369.152
	volunteers, society	369.153
Loyalists		
	Amer. revol. Can. hist.	971.024
	U. S. "	973.314
Loyalty		
<sup>1</sup>	ilands history	993.3
	political science	320.158
	state ethics	172.1
<sup>1</sup>	Lozère, France history	944.81
<sup>1</sup>	Lubeck, Germany "	943.17
Lubricants		621.89
Lubrication		
	mechanical engineering	621.89
	railway "	625.21
	steam locomotiv	621.1345
	Lubricators steam plant	621.1977
Lucan	Latin epic poetry	873.2
<sup>1</sup>	Lucas co. Ia. history	977.786
<sup>1</sup>	O. "	977.112
<sup>1</sup>	Luce co. Mich. "	977.492
	Luce de Lancival, J: C: J.	841.64
	Lucernariæ zoology	593.74
	Lucian Greek literature	888.7
	Lucidor Swed. poetry	839.7132
	Lucilius, Caius Lat. satire	877.1
	Junior " poetry	871.7
<sup>1</sup>	Lucknow, India history	954.2
	travels	915.42

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Lucretius ancient philos.	187	<sup>1</sup> Lusitania history	946.9
Latin poetry	871.1	Luster ware pottery	738
Ludwigslied Ger. poetry	831.13	Lute stringd instruments	787.6
Luffa	635.627	<b>Lutheran church</b>	<b>284.1</b>
Luke gospel	226.4	confession creeds	238.4
Lull, Raimon Catalan poet	849.9111	<b>Lutherans biography</b>	<b>922.4</b>
Lullabies folklore	398.8	Luting practical chem.	542.26
music	784.4	Luxemburg, house of	943.026
Lumbago diseases	616.74	Luxfer prisms lighting	628.9
Lumbar arteries anat.	611.1362	Luxury economics	339
cord "	611.8214	ethics	177.4
nervs "	611.835	hygiene	613.88
region "	611.959	Luys, nucleus of anat.	611.8141
veins "	611.1461	Luzern swine	636.431
vertebrae "	611.7116	<sup>1</sup> Luzerne co. Pa. history	974.832
Lumber bilding material	691.1	Lycanthropy insanity	132.1
manufacture	674	Lycées French schools	379.44
wagons farm transport	631.3735	<b>Lyceum Gk philosophy</b>	<b>185</b>
Lumbosacral joints anat.	611.7216	Lyceums self-education	374.23
muscles "	611.7313	Lycia ancient history	939.28
nervs "	611.8353	antiquities	913.3928
Lumbricales of foot "	611.7389	<sup>1</sup> Lycoming co. Pa. "	974.851
hand "	611.73771	Lycophron Gk poetry	881.3
Lunacy law	347.1	Lycopodinæ botany	587.9
mind and body	132.1	Lycurgus Gk oratory	885.8
Lunar		Lyddite chem. tech.	662.2
caustic therapeutics	615.775	Lydgate, J: Eng. poetry	821.21
eclipses astronomy	523.38	Lydia ancient history	939.22
methods find'g longitude	525.49	Lying ethics	177.3
tables	523.33	Lying-in-hospitals	
Lunatic asylums	362.2	architecture	725.51
Lunatum, os anatomy	611.71772	institutions	362.1
Lunch		Lyly, John Eng. fiction	823.3
counters table systems	642.57	Lymf histology	611.01857
rooms lib. bildings	022.684	Lymphatic	
school table sys.	642.58	<b>duct, right anatomy</b>	<b>611.425</b>
Luncheon recipes	641.53	<b>glands "</b>	<b>611.46</b>
Luncheons entertaining	642.42	harts comp. physiol.	612.424
Lunches dom. econ.	642.3	<b>system anatomy</b>	<b>611.4</b>
Lundy's Lane U.S. war 1812	973.5237	diseases of	616.4
<sup>1</sup> Lunenburg co. N. S. hist	971.623	surg. opera.	617.44
Lungs		<b>vessels anat.</b>	<b>611.42</b>
absorption by	612.385	<b>Lymphatics anatomy</b>	<b>611.42</b>
of liquids in	612.2159	diseases of	616.42
admin. of medicin by	615.64	Lynch law	343.2
<b>anatomy</b>	<b>611.24</b>	Lynchburg	
capacity of physiol.	612.24	campain U. S. civ. war	973.7369
<b>diseases of</b>	<b>616.24</b>	Lyndsay, D: Eng. poetry	821.26
functions of	612.2	<sup>1</sup> Lyon co. Ia. history	977.711
loss of heat in	612.523	<sup>1</sup> Lyonnais, France history	944.58
Lupin forage	633.367	<sup>1</sup> Lyons "	944.58
Luray caverns description	551.44	" travels	914.458
Luschka's tonsils anat.	611.324		
villi "	611.8193		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Lyric drama, <i>see</i> Opera	
poetry, English	821.04
Greek	884
Latin	874
Lysias Greek oratory	885.2
Lyskander, K. Dan. misc.	839.883
Lythraeae botany	583.441
Lytton E:G:B. Eng. fic.	823.84
Mabinogion Welsh literat.	891.661
<sup>5</sup> Macaronics Eng. "	827
Macaulay, T: B. " essays	824.83
Maccabees Bible	229.7
McCosh, James Am. philos.	191.5
<sup>1</sup> McDonald co. Mo. hist.	977.8736
<sup>1</sup> McDonough co. Ill. hist.	977.342
<sup>1</sup> McDowell co. W. Va. "	975.449
Macedonia Greek history	938.1
ship U. S. war 1812	973.5251
Macedonian	
dialect Greek lang.	487.81
sheep agriculture	636.373
supremacy Greek history	938.07
Maceration	
practical chemistry	542.61
<sup>1</sup> McHenry co. Ill. history	977.322
Ft U.S. war 1812	973.5238
Machiavelli, N. Ital. dram.	852.31
essays	854.31
Machine	
design engineering	621.81
engraving	768
gun mounts ordnance	623.4313
guns mil. engineering	623.4224
sheds agriculture	631.25
shop mfg plant	621.75
school equipm't	371.623
shops architecture	725.43
tools mech. engin'g	621.9
Machinery	
engineering	621
farm	631.3
inspection public safety	614.838
in industry pol. econ.	338.4
irrigating	631.78
kitchen	643.34
propelling shipbuilding	623.87
transmission agric.	631.37
Machines	
digging	631.3115
distributing printing	655.28
hydraulic	532.8
mechanics	531.8
modulus of physics	531.43
practical printing	655.36
typesetting	655.28
washing dom. econ.	648.23
see also specific subject	
Machinists' occupations	
hygiene	613.66
<sup>1</sup> McKean co. Pa. history	974.863
Mackenzie, G: Eng. fic.	823.43
H: " "	823.65

- <sup>1</sup>Mackenzie ter. Can. hist.** 971.22  
**Mackerel fishery** 639.2  
**<sup>1</sup>Mackinac co. Mich. hist.** 977.492  
**McKinley, W: presidency** 973.88  
     **tariff act U.S.hist.** 973.86  
**Mackintosh, J. Eng. essays** 824.71  
**<sup>1</sup>McLean co. Ill. history** 977.359  
**McMahon third republic** 944.08  
**<sup>1</sup>Macomb co. Mich. hist.** 977.439  
**<sup>1</sup>Macon co. Ill. " "** 977.358  
**<sup>1</sup>Mo. " "** 977.827  
**<sup>1</sup>Macoupin co. Ill. " "** 977.383  
**Macpherson, J. Eng. poet.** 821.66  
**Macula lutea**  
     **anatomy** 611.843  
**Mad houses** 362.2  
**<sup>1</sup>Madagascar history** 969  
**<sup>1</sup>Madawaska co. N. B. hist.** 971.554  
**<sup>1</sup>Madeira island " "** 946.98  
     **trav.** 914.698  
**<sup>1</sup>Madero co. Cal. hist.** 979.481  
**Madison, J. presidency of** 973.51  
**<sup>1</sup>Madison city, Wis. hist.** 977.584  
**<sup>1</sup>co. Ill. " "** 977.386  
**<sup>1</sup>Ind. " "** 977.257  
**<sup>1</sup>Ia. " "** 977.781  
**<sup>1</sup>Mo. " "** 977.891  
**<sup>1</sup>N. Y. " "** 974.764  
**<sup>1</sup>O. " "** 977.155  
**Madness**  
     **mind and body** 132.1  
**Madoc discov. of Am.** 973.14  
**Madonna**  
     **in art ecclesiology** 246  
     **fine arts** 709  
     **painting** 755  
     **legends** 225.92  
     **mariolatry** 230.2  
**<sup>1</sup>Madras, India history** 954.8  
     **travel** 915.48  
**Madras hemp** 633.562  
**Madreporaria zoology** 593.66  
**<sup>1</sup>Madrid history** 946.4  
     **travel** 914.64  
**Madrigal music** 784.1  
**Maerlant, Jacob van** 839.3111  
**Maffei, S. marchese di** 852.56  
**Magalhaens discov. of Am.** 973.16  
**<sup>1</sup>Maganetawan dist. Ont. hist.** 971.315  
**Magazine**  
     **guns ordnance** 623.4224  
     **publish by library** 025.126  
     **racks library economy** 022.935  
     **rifles small arms** 623.42231
- Magazines**  
     **general periodicals** 050  
     **literary** 805  
     **powder, care of** 623.4811  
         **construction of** 623.614  
     <sup>2</sup> **special subject see subject**  
**<sup>1</sup>Magdalen islands, Que. hist** 971.4797  
**<sup>1</sup>Magdeburg, Prussia " "** 943.18  
     **trav.** 914.318  
**Magellan straits**  
     **discovery U. S. history** 973.16  
     **travels** 918.2  
**Maggots**  
     **parasitic diseases** 616.967  
**Magic**  
     **lanterns optics** 535.86  
     **natural** 133  
     **parlor** 793  
     **squares mathematics** 511.61  
**Magicians lives** 920.9  
**Magistrates law** 347.96  
**Magna charta**  
     **constitutional history** 342.42  
     **English history** 942.033  
**Magnesium**  
     **chemistry** 546.46  
     **group chemistry** 546.44  
**Magnetic**  
     **machines** 538.8  
     **needle** 538.7  
     **observations** 538.7  
     **separation of ore** 622.77  
     **surveys mining** 622.15  
     **telegraf, business** 654  
         **elec. eng.** 621.382  
**Magnetism** 538  
     **animal mind and body** 134  
     **electrophysiology** 612.014426  
     **terrestrial** 538.7  
**Magneto**  
     **boards telefony** 621.38722  
     **chemistry** 541.378  
     **dynamos electricity** 537.83  
         **engineering** 621.313  
     **potential regulators eng.** 621.31453  
**Magnets**  
     **properties of** 538.1  
**Magnifiers optics** 535.82  
**Magnitude of stars** 523.82  
**Magno, Celio Ital. poetry** 851.44  
**Magnoliaceæ botany** 583.114  
**Magnum os anatomy** 611.71777  
**Maguey fiber** 633.5775

Top: s in black face type are subdivided. Superior figures refer to the tables at the end of this index

Magyar language	494	Malay	
poultry	636.538	' archipelago	history 991
Magyars	history 943.91	travels	919.1
Mahabharata	Sanskrit lit. 891.2	game poultry	636.58815
<sup>1</sup> Mahaska co. Ia.	history 977.784	' peninsula	history 959.5
Mahometanism	297	Polynesian languages	499
<sup>1</sup> Mahoning co. O.	hist. 977.139	poultry	636.5854
<sup>1</sup> Mahrah, Arabia	" 953.4	<b><sup>1</sup>Malaysia</b>	history 991
<sup>4</sup> Mahratta language	491.46	Male	
Mails	postoffis 383	functions of generation	612.61
Maimonides	oriental phil. 181.3	servants dom. econ.	647.22
<sup>1</sup> Maine, France	history 944.16	Malebranche	Fr. philos. 194.2
et Loire, Fr.	" 944.18	Males	
Maine, U. S.		adult stockbreeding	636.08231
admission	U. S. hist. 973.54	young	" 636.08237
<b>history</b>	<b>974.1</b>	Malformation of teeth	617.64
indian war	U. S. hist. 973.24	Malformations	
law	temperance 178.5	animal comp. anat.	591.159
mil. hist.	Span. war 973.89441	human anatomy	611.012
U. S. civ. war	973.7441	somatology	573.9
travels	<b>917.41</b>	surgery	617.3
Maine, battleship	Span. war 973.891	vegetable botany	581.22
Mains	steam engineering 621.1853	Malherbe, F. de	Fr. poetry 841.41
waterworks	628.15	Malignant tumors	pathol. 616.994
Maintenance		Malines, coucou de	636.548
roads	engineering 625.76	Malleability	molec. phys. 539.51
soil	631.45	Malleus	anat. of ear 611.857
Maistre, Xavier de	Fr. fic. 843.64	Malmström, B. E.	839.7463
Maize	agriculture 633.15	Malpighiaceæ	botany 583.214
Majagua	" 633.564	Malpighian bodies	anat. 611.415
Majolica	pottery 738	Malposition of teeth	617.64
<sup>1</sup> Majorca	history 946.7	Malpractis	law 343
travels	914.67	public helth	614.26
Majority		Malt liquors	brewing 663.3
election	suffrage 324.262	<sup>1</sup> Malta	history 945.8
to legisl. bod.	328.3355	knights of	929.711
vote	legislative procedure 328.375	Malteries	architecture 725.42
Making redy	printing 655.32	Maltese goat	636.395
<sup>1</sup> Malabar	history 954.8	swine	636.45
travels	915.48	Malthusianism	population 312
<sup>1</sup> Malacca	history 959.5	Maltose	nutrition 612.39614
travel	915.95	Malvaceæ	botany 583.17
Malachi	Bible 224.99	<b>Malvaes</b>	" 583.17
<b>Malacology</b>	zoology 594	Malvern Hill	U. S. civ. war 973.7327
<b>Malacostraca</b>	" 595.36	Mamelukes	Egyptian hist. 962
<sup>1</sup> Malaga	history 946.8	Mamiani della Rovere, T.	854.76
travels	914.68	<b>Mammalia</b>	paleontology 569
goat	636.396	zoology	599
Malar bones	anatomy 611.7163	Mammary	
Malaria	hygiene 613.14	artery, external	anat. 611.1341
marshes	614.772	internal	" 611.1345
Malarial fever	diseases 616.936	glands	anatomy 611.69
public helth	614.53	physiology	612.664
Malarious soils	" " 614.775		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Mammary			Mandible bone	anatomy	611.7164
lymf glands	anat.	611.4642	joint	"	611.724
secretion	animals	591.146	Mandibular nerv	anatomy	611.83156
Mam mee	apple	634.654	Mandolin	stringd instrum.	787.6
Mammillary	tubercles	anat.611.8142	Manetti, Antonio	Ital. fict.	853.23
Mammonism	ethics	174.5	<b>Maneuvering machinery</b>		<b>623.436</b>
Mammoth			Maneuvers	mil. science	355.5
cave	physical geograpy	551.44	Manfredi, E.	Ital. poetry	851.56
paleontology		569.6	Mangabotti, A. dei	" fict.	853.24
zoology		599.6	Mangalicza	swine	636.472
Mamon	fruit culture	634.414	Manganese		
<sup>1</sup> Mamuret el Aziz	hist.	956.6	chemistry		546.71
Man			metallurgy		669.7
anatomy		611	ores	economic geology	553.46
antiquity	prehist. arch.	571	Mangel, half sugar		633.416
nat. hist. of man		573.3	wurzel		633.417
doctrinal theology		233	Mangle	laundry mach.	648.45
ethnografy		572	Manholes		
in the iron mask	biog.	920.8	in sewers		628.253
<sup>1</sup> Isle of	history	942.89	steam engineering		621.18455
mammals		599.9	underground elec. lines		621.319234
mental characteristics		136	Mania	mind and body	132.1
faculties		150	puerperal obstetrics		618.76
natural history of		573	Maniacs	lives	920.8
origin of	evolution	575.8	Manichæism	heresies	273.2
nat. hist.		573.2	Manifolding		
theol.		213	writing		652
physiology		612	Manila, battle	Span. war	973.895
Management			Manilius, Marcus	Lat.poet.	871.5
business		658	Manipulation		
farm economics		631.1	practical chemistry		542
in pregnancy		618.24	therapeutics		615.82
industrial		658	<sup>1</sup> Manistee city, Mich.	hist.	977.462
library economy		025	co.	"	977.462
of household		647	<sup>1</sup> Manitoba, Canada	"	971.27
normal labor		618.44	<sup>1</sup> Manitoulin ilands, Ont.	"	971.3155
state properties		336.11	<sup>1</sup> Manitowoc co. Wis.	"	977.567
puerperal state		618.6	<b>Manly exercises sports</b>		<b>796</b>
Manager, city		352.008	Manners		
farm		631.1152	and customs, general		390
household		647.21	local, see special countries		
Managers Y. M. C. A.		267.333	of children	dom. econ.	649.6
Manassas, Va.	U. S. civil war		Mannose	nutrition	612.39613
1st battle		973.7314	Manometer		
2d battle		973.7328	pneumatics		533.82
Manasses, prayer of	Apocr.	229.6	practical chemistry		542.77
Mancelle	swine	636.443	steam engineering		621.1847
<sup>1</sup> Manche, France	history	944.21	Manor houses	architec.	728.83
<sup>1</sup> Manchester, Eng.	"	942.72	Manors	polit. economy	333.3
travels		914.272	Manrique, Jorge	Span. poet.	861.24
<sup>1</sup> Manchuria, China	history	951.8	Mansard roofs		
Mandarin duck		636.59785	architectural construction'		721.59
orange		634.322	design		729.35
Mandeville, B. de	Eng.hum.	827.53	<sup>1</sup> Mansfield, O.	history	977.1281

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Mansions architecture</b>	<b>728.3</b>	<b>Maps</b>	<b>912</b>
Manslaughter law	343	aerial aeronautics	629.145
Mansson, P. Swed. misc.	839.781	<b>astronomic, general</b>	<b>524</b>
Mantels decoration	749	moon	523.39
fixt furniture	729.95	planets	523.49
Mantes fowls	636.547	star	523.89
Manual		sun	523.79
alfabets	371.912	classic	912.3
training education	371.42	Great war 1914-19	940.49
Manuals		removed from lib. books	024.83
business commerce	658	school apparatus	371.67
collectors biology	579	special library material	025.176
legislativ procedure	328.371	U. S. history civil war	973.799
<sup>2</sup> special, see subject		Mex. "	973.6299
Manuel, Juan Span. misc.	868.13	revolution	973.399
<b>Manufactories architect.</b>	<b>725.4</b>	Span. war	973.8999
engin'g	621.7	war of 1812	973.5299
Manufacturers credits	332.312	<b>*Marathi language</b>	<b>491.46</b>
<b>Manufactures</b>	<b>670</b>	<sup>1</sup> Marathon co. Wis. history	977.529
chemic technology	660	Marble	
military resources	355.26	economic geology	553.51
production	338	inscriptions	417
public helth	614.7	Greek	481.7
state control	351.824	Latin	471.7
Manufacturing		<sup>3</sup> other lang.	
processes elec. eng.	621.318	lithology	552.46
works engineering	621.7	sculpture	731
Manure, stable agric.	631.86	March, A. Catalan poetry	849.9131
air pollut.	614.761	March form music	786.44
spreders	631.3336	to the sea U.S. hist.	973.7378
Manures		<sup>1</sup> Marche, France history	944.68
fertilizers agriculture	631.86	Marche sheep	636.3423
sewage san. engin'g	628.38	<sup>1</sup> Marches, Italy history	945.6
vegetable agric.	631.87	Marchetti, G. Ital. poetry	851.74
Manuscript catalog lib.econ.	025.3	Marchi's tract anatomy	611.8256
Manuscripts		Marconi wireless telegrafy	621.3842
Bible	220.4	Marcus Aurelius philos.	188.8
book rarities	091	Marenco, L. Ital. drama	852.84
copyright	655.62	Mare's milk dairy	637.171
diplomatics	417	Margaretta (ship) capture	973.351
Latin diplomatics	471.7	Margiana ancient history	939.63
<sup>3</sup> other languages		Marguerite de Navarre	
library administration	025.171	French fiction	843.31
selection publishing	655.51	Marian persecutions in Eng.	272.6
<b>*Manx language</b>	<b>491.64</b>	Mariana, J. de Span. misc.	868.31
Manzoni, Ales. Ital. fict.	853.72	Marie de France Fr. poetry	841.13
poet.	851.73	<sup>1</sup> Maries co. Mo. history	977.859
Map		<sup>1</sup> Marietta, O. "	977.1981
cases library admin.	025.8	Marigold	635.73
storage	022.485	<sup>1</sup> Marin co. Cal. history	979.462
drawing in schools	910.7	Marine	
making	526.98	animals	591.92
projection geodesy	526.8	architecture naval eng.	623.8
Maple sugar plants	633.64	ship bldg	623.8

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Marine			Marlowe, C. Eng. drama	822.32
boilers		621.18422	Marmalade plum	634.432
corps navy		359	Marmarica anc. history	939.76
engins		621.12	<sup>1</sup> Marne, France history	944.32
fauna zoology		591.92	Marnix, P. Dutch poetry	839.3127
flora botany		581.92	Maronites sects	281.5
hospitals institutions		362.1	Maroons hist.of Jamaica	972.92
insurance		368.2	Marot, Clement Fr. satire	847.31
law		347.7	Marprelate controversy	285.9
plants		581.92	Marque and reprisals	
surveying		526.99	international law	341.3
zoology		591.92	<sup>1</sup> Marquesas ilands history	996.3
Mariners			travel	919.63
compass magnetism		538.7	Marquetry artistic furnit.	749
occupation hygiene		613.64	cabinet work	684
<sup>1</sup> Marinette city, Wis. hist.		977.534	<sup>1</sup> Marquette co. Mich. hist.	977.496
<sup>1</sup> co. " "		977.533	<sup>1</sup> Wis. " "	977.558
Marini, G. Ital. poetry		851.52	Marriage	
Mariolatry R. cath. theol.		230.2	communal	392.6
<sup>1</sup> Marion city, O. history		977.1511	customs	392.5
<sup>1</sup> co. Ill. " "		977.3794	ethics	173.1
<sup>1</sup> Ind. " "		977.252	law	347.6
<sup>1</sup> Ia. " "		977.783	registers genealogy	929.3
<sup>1</sup> Mo. " "		977.835	sacrament	265.5
<sup>1</sup> O. " "		977.151	vital statistics	614.17
<sup>1</sup> W.Va. " "		975.454	Marrow, bone histology	611.01846
Marionettes amusements		791	physiology	612.491
<sup>1</sup> Mariposa co. Cal. hist.		979.446	Marryat, F. Eng. fiction	823.78
Maritime			Mars planets	523.43
affairs naval science		359	seasons astronomy	525.54
discovery		910.4	<sup>1</sup> Marseilles history	944.91
law		347.7	travel	914.491
quarantine pub. helth		614.461	Marsh shorthand	653.54
registry		355.22	<b>Marsh sheep</b>	<b>636.331</b>
surveying		526.99	swine	636.434
Marivaux, P. C. de C. de			<sup>1</sup> Marshall co. Ill. history	977.351
French drama		842.54	<sup>1</sup> Ind. " "	977.288
fiction		843.52	<sup>1</sup> Ia. " "	977.755
Marjoram		635.71	<sup>1</sup> W. Va. " "	975.416
Mark, gospel of		226.3	<sup>1</sup> ilands " "	996.8
<b>Market gardening agric.</b>		<b>635</b>	<sup>1</sup> Marshalltown, Ia. " "	977.7551
Marketing products agric.		631.18	Marshes	
Markets			drainage reclamation	631.615
architecture		725.26	hygiene of pub. helth	614.772
cattle architecture		725.27	physical geology	551.49
domestic economy		641.4	Marsipobranchii fishes	597.2
Marking			Marston, J: Eng. comedy	827.34
laundry dom. economy		648.12	Marsupialia mammals	599.2
system education		371.26	Marsupialida zoology	593.76
Marks			Marthold sheep	636.3469
communities pol. sci.		321.2	Martial Latin satire	877.6
ownership zootechny		636.0812	Martial law jurisprudence	344
Marl fertilizers agric.		631.822	pol. sei.	323.491
lithology		552.54	<sup>1</sup> Martin co. Ind. history	977.238
			Martinez de la Rosa, F.	862.51

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- <sup>1</sup>Martinique history 972.98  
travels 917.298
- Martorel, Joanet Catal.fict. 849.033
- Martyrs persecutions 272**
- Marvel, Ik Am. miscel. 818.32
- Marvell, Andrew Eng.sat. 827.43
- Mary  
queen of Eng. Eng. hist. 942.054  
Scots Scot. " 941.05  
Virgin biography 225.92  
Rom. cath. theol. 230.2
- <sup>1</sup>Maryland, U. S. history 975.2  
;For military history, see subdivisions of Special campaigns and Military history under 973-3, 973.52, 973.7 and 973.89  
travel 917.52
- Mascheroni, L. Ital. poetry 851.62
- <sup>1</sup>Mashona, Africa history 968.9
- <sup>1</sup>Maskinonge co. Que. hist. 971.444
- Masks dramatic music 782.9
- Mason  
and Dixon's line slavery 326.973  
co. Ill. history 977.355  
<sup>1</sup> Mich. " 977.461  
<sup>1</sup> W. Va. " 975.433
- Masonry  
adhesivs bilding 691.5  
engin'g 620.15  
anti-secret societies 366.1  
**ilding 693**  
bridges, archt 624.63  
fortifications 623.123  
lining mining 622.28  
roofs architecture 721.52  
village houses archit. 728.6
- Masons secret societies 366.1
- Masquerades amusem'ts 793  
customs 394.2
- Mass  
balancing steam turbins 621.16537  
catholic ritual 264.025  
sacred music 783.2  
law of gravity 531.54  
of earth 525.11  
recitativ music 784.2
- <sup>1</sup>Massac co. Ill. history 977.3997
- Massachusetts, U. S.  
<sup>1</sup> history 974.4  
;For military history, see subdivisions of Special campaigns and Military history under 973-3, 973.52, 973.7 and 973.89  
King Philip's war 973.24  
Shay's rebellion 973.318  
travel 917.44
- Massage therapeutics 615.82
- Masseter muscle anat. 611.73271
- <sup>1</sup>Massillon, O. history 977.1623
- Massinger, P. Eng. drama 822.37
- Master and servant fam.eth. 173.8  
law 347.6
- Mastersingers Ger. poetry 831.38
- Mastication  
muscles anatomy 611.7327  
physiology 612.311
- Mastitis obstetrics 618.71
- Mastmaking shipbilding 623.85
- Mastodon paleontology 569.6
- Mastoid  
cells anatomy 611.8547  
ear diseases 617.87  
glands anatomy 611.4632
- Masts shipbilding 623.85
- Matamoras  
battle Mexican war 973.6234  
<sup>1</sup> history 972.1
- <sup>1</sup>Matane co. Que. hist. 971.4775
- Matches chem. tech. 662.5  
mil. engin'g 623.4541  
sports 797
- Matchmakers  
occupation hygiene 613.62
- Maté agriculture 633.77
- Materia medica medicin 615.1**  
zotech. 636.0895
- Material  
appropriate to library 021.16  
balloon aeronautics 629.161  
rooms for special lib.bldg 022.63
- Materialism philosophy 146
- Materials  
**ilding 691**  
bridge engineering 624.01  
clothing dom. econ. 646.1  
hygiene 613.481  
engineering 620.1  
factory storage 621.7962  
foundation bridges 624.153  
insulating elec. engin'g 621.31937  
library bildings 022.2  
bookbinding 025.7  
bookcases 022.441  
protectiv agric. pests 632.95  
strength of engineering 620.11  
molec. phys. 539.4
- Maternity  
ethics 173  
hospitals 362.1  
architecture 725.51  
**medicin 618**

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index.

- Mathematical**  
 crystallografy 548.7  
 drawing 744  
 instruments 510.8  
 probabilities 519.2  
 tables 510.8  
 theory gravity exper. 526.71  
           of music 781.1  
           tides 525.61
- Mathematicians** biografy 925.1
- Mathematics** 510
- Mathews, C.** Am. drama 812.32
- Mathurins** monastic order 271.79
- Matins** catholic ritual 264.023
- Matriculation** schools 371.21
- Matrimony, see** Marriage
- Matter**  
 metaphysics 117  
 physical chemistry 541  
 physics 530.1  
 properties of living 577
- Matthew, gospel of** 226.2
- Matthias** German history 943.035
- Mattias, Canon** Swed. misc. 839.781
- Matting** dom. economy 645.1  
           lib. " 022.962
- Mattock** 631.3116
- Maturity** physiology 612.66  
           plant growth 631.5473
- Mauritania** ancient hist. 939.71
- Mauritius** hemp 633.573  
 1 history 969
- Mausoleums** 718
- Maxillary**  
 artery, external anat. 611.13323  
           internal " 611.13328  
 bone, inferior " 611.7164  
           superior " 611.7161  
 glands, internal " 611.462  
 nerv, inferior " 611.83156  
           superior " 611.83154
- Maxim gun** ordnance 623.4225
- Maxima and minima**  
 algebra 512.3  
 calculus 517.27  
 geometry 513.19
- Maximilian 1** Ger hist. 943.029  
 2 " " 943.033
- Maxims** Eng. literature 828  
 law 340.9
- 1** on special topics see subject
- May 1** labor holidays 331.817
- Maya**  
 architecture 722.9  
 civilization antiq. 913.72  
           Mex. hist. 972.015  
 language 497
- Mayaceæ** botany 584.37
- Maydeæ** grass crops 633.281
- 1Mayenne, France** hist. 944.16
- Mayflower** descendants soc. 369.124
- Maynard, F.** Fr. poetry 841.42
- 1Mayo, Ireland** history 941.73
- Mayor** Fr. local gov. 352.0447
- Mazurka** piano music 786.44
- Meal mills** architecture 725.47
- Meals** domestic economy 642
- Mealy bug** pests 632.75
- Mean**  
 time solar day 529.1  
 value probabilities 519.6
- Measles** diseases 616.915  
           public health 614.523
- Measurements** see Mesurements
- Measures, see** Mesures
- Measuring, see** Mesuring
- Meat**  
 as food dom. econ. 641.3  
           food values 641.12  
           hygiene 613.28  
           physiology 612.39281  
 cookery 641.6  
 fresh, inspection of 614.317  
 markets dom. econ. 641.4  
 preservation chem. tech. 664.9  
 preservd, inspection of 614.319  
 production zootechny 636.0883  
 supply production 338.1
- 1Meath, Ireland** history 941.82
- 1Mecca, Arabia** history 953.2  
           travels 915.32  
           sheep 636.385
- Mechanic arts and trades** 680  
           servis lib. econ. 023.77
- Mechanical**  
 arithmetic 510.8  
 drawing 744  
 engineering 621  
 equivalent heat 536.7  
 haulage mining 622.66  
 injuries, effects of med. 616.982  
 musical instruments 789  
 preparation mining 622.7  
 rectifiers elec. eng. 621.31372  
 refrigeration engin'g 621.5  
 remedies therapeutics 615.81

Mechanical			Medical	
stokers steam engin'g	621.1836		<b>education</b>	<b>610.7</b>
tackle engin'g	621.863		state control	614.21
threshers	631.3612		electricity elec. engin'g	621.3915
trades	680		physics	537.87
training	607		therapeutics	615.84
<b>in schools</b>	<b>371.42</b>		ethics	174.2
Mechanics			inspection of schools	371.712
<b>applied</b>	<b>620.1</b>		jurisprudence	340.6
factory organization	621.705		museums	610.77
institutes exhibitions	606		police	614.29
liens law	347.2		<b>practis pathology</b>	<b>616</b>
lives	926		state control of	614.25
physics	531		profession, <i>see</i> Medicin; Physicians	
Mechanism			<b>schools</b>	<b>610.71</b>
<b>animal physiol.</b>	<b>612.76</b>		<b>societies</b>	<b>610.6</b>
<b>engineering</b>	<b>621.8</b>		testimony	614.23
of labor obstetrics	618.41		law	340.6
steam engin	621.11		<b>zoology</b>	<b>591</b>
Meckel's diverticulum	611.3412		<b>Medicated baths</b>	
ganglion	611.89154		admin. of medicin	615.67
<sup>1</sup> Mecklenburg, Ger. hist	943.17		Medication	
Mecklenburg			<b>admin. of medicin</b>	<b>615.6</b>
declaration Am. revol.	973.313		hypodermic	615.63
horse	636.143		Medici, L. de Ital. poetry	851.23
sheep	636.3332		<b>Medicin</b>	<b>610</b>
swine	636.434		<b>chemic analysis</b>	<b>543.4</b>
<sup>1</sup> Mecosta co. Mich. history	977.452		<b>dental</b>	<b>617.6</b>
Medal of honor legion	369.114		economic botany	581.63
Medallion			zoology	591.63
windows arch. decora.	729.82		legal	340.6
Medallions numismatics	737		<b>preventiv pub. helth</b>	<b>614</b>
Medals carving	736		state control of	614.2
numismatics	737		<b>veterinary</b>	<b>619</b>
Media ancient history	935.3		Medicinal	
Median nerv anatomy	611.8335		plants agriculture	633.88
Mediastinal artery anat.	611.1355		<b>materia medica</b>	<b>615.32</b>
glands "	611.4644		use of stimulants	178.1
Mediastinum	" 611.27		Medicins	
testis "	611.6315		<b>general action thera.</b>	<b>615.5</b>
Mediatized			<b>groupt by effects</b>	<b>615.7</b>
states political science	321.026		patent adulterations	614.353
Medic, black forage crop	633.31		state control	614.27
Medical			therapeutics	615.88
<b>analysis chemistry</b>	<b>543.4</b>		Medico-legal relations	614.23
biografy	926.1		Medieval	
books lib. restriction	024.673		<b>architecture</b>	<b>723</b>
botany econ. botany	581.63		art, history of	709
<b>materia medica</b>	<b>615</b>		<b>customs and costumes</b>	<b>390</b>
dep't Great war	940.475		designs	745
U.S. hist. civ. war	973.775		Europe history	940.1
revol.	973.375		<sup>3</sup> Latin	479
diagnosis	616.07		philosofy	189
			science	502

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Medieval</b>			
sculpture	734		
therapeutics	615.89		
<sup>1</sup> Medina co. O. history	977.135		
Mediotarsal joint anat.	611.72854		
Meditations theology	242		
Mediterranean sea			
physical geology	551.462		
poultry	636.55		
travels	910.4		
Medium woold sheep	636.323		
Mediums spiritualism	133.9		
Medlar	634.15		
<b>Medo-Persia anc. history</b>	<b>935</b>		
<b>Medulla oblongata</b>			
action on blood vessels	612.1812		
hart physiolo.	612.1785		
respiration "	612.282		
anatomy	611.818		
physiology	612.828		
<b>Medullary</b>			
layers embryology	611.01351		
sheath histology	611.018834		
velum, superior anat.	611.8163		
<b>Medusae zoology</b>	<b>593.7</b>		
Meekness ethics	179.9		
Meerschaum econ. geol.	553.61		
<b>Meetings</b>			
library propagandism	021.78		
staff privileges	023.68		
of library trustees	023.38		
war Great war	940.461		
U. S. civil war	973.761		
<sup>1</sup> Megantic co. Que. hist.	971.4575		
<sup>1</sup> Lake co. Que. "	971.469		
Megaric philosophy	183.6		
Megaric ancient history	938.4		
Megatherium paleontol.	569.3		
Megrin diseases	616.857		
<sup>1</sup> Meigs co. O. history	977.199		
Meissner swine	636.433		
Melancholy mind and body	132.3		
<sup>1</sup> Melanesia history	993		
travels	919.3		
Melaphyr lithology	552.39		
Melastomaceæ botany	583.43		
<sup>1</sup> Melbourne history	994.5		
travels	919.45		
Meliaceæ botany	583.251		
Meliorism filosof. syst.	149.5		
Melissus Gk philosophy	182.3		
Melodeon music	786.9		
Melody theory of music	781.2		
Melon papaw	634.651		
<b>Melons</b>	<b>635.61</b>		
Melting prac. chem.	542.48		
points thermochem.	541.36		
Melville, Herman Am. fic.	813.36		
<b>Members</b>			
exofficio legis. bodies	328.332		
number " "	328.3349		
<b>Membership</b>			
fees, library	024.21		
legislativ bodies	328.33		
without vote	328.331		
lists, legislativ official	328.338		
unofficial	328.339		
<b>Membrana tympani</b>			
ear diseases	617.85		
<b>Membranes</b>			
admin. of medicin by	615.66		
cellular histology	611.01818		
of the hart diseases	616.11		
<b>Memoirs biography</b>	<b>920</b>		
scientific soc.	506		
<b>Memorial</b>			
day school observance	371.365		
U. S. civil war	973.768		
sermons biography	920		
sermons	252.9		
<b>Memorials</b>			
<b>American revolution</b>	<b>973.365</b>		
<b>Great war 1914-19</b>	<b>940.465</b>		
U. S. civil war	973.765		
<b>Memory</b>			
in animals zoology	591.51		
mental derangements	132.8		
faculties	154		
physiology	612.8212		
<b>Memphis, Tenn.</b>			
U. S. civil war	973.752		
<b>Men, clothing for</b>	<b>646.32</b>		
hdgear for	646.52		
<b>Mena, Juan de Span. poet.</b>	<b>861.22</b>		
<b>Menageries amusements</b>	<b>791</b>		
zoology	590.7		
<b>Menander Greek drama</b>	<b>882.6</b>		
<sup>1</sup> Menard co. Ill. history	977.355		
<b>Mencius oriental philos.</b>	<b>181.1</b>		
<b>Mendelism botany</b>	<b>581.158</b>		
<b>Mendicancy</b>			
state control	351.763		
<b>Mendicant orders</b>	<b>271</b>		
<b>Mending dom. econ.</b>	<b>646.24</b>		
<sup>1</sup> Mendocino co. Cal. hist.	979.415		
<b>Mendoza, D.H.de</b>	<b>861.36</b>		
I. L. de	861.23		
<b>Menedemus Gk philos.</b>	<b>183.7</b>		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Meningeal artery, great	611.133289	<sup>1</sup> Mercer co. N. J. history	974.965
Meninges		<sup>1</sup> O.    "	977.1415
cerebrospinal diseases	616.82	<sup>1</sup> Pa.   "	974.895
of brain <b>anatomy</b>	<b>611.819</b>	<sup>1</sup> W. Va. "	975.474
physiology	612.8241	Mercersburg theology	230.41
spinal cord <b>anatomy</b>	<b>611.829</b>	Merchant servis ocean	387
Meningitis diseases	616.82	<b>Merchants bus. ethics</b>	<b>174.4</b>
Menispermaceæ botany	583.116	<b>lives</b>	<b>923.8</b>
Mennonite church	289.7	Mercurials cathartics	615.7326
Mennonites biography	922.87	Mercury	
<sup>1</sup> Mcnominee city, Mich. hist.	977.495	chemistry	546.58
<sup>1</sup> co. Mich.    "	977.495	materia medica	615.258
Men's clothing dom. econ.	646.32	metallic poisons	615.927
hats    "    "	646.52	metallurgy	669.7
Menstruation gynecology	618.17	ores economic geol.	553.45
physiology	612.662	planets	523.41
Mensuration arithmetic	511.8	transits astronomy	523.91
surveying	<b>526.9</b>	vapor lamps elec. light	621.3274
Mental		Mercy, sisters of	271.92
capacity of women		Meridian	
education	376.2	circles astron. instrum.	522.33
psychology	136.1	line practical astron.	522.31
characteristics	136	spheric    "	522.76
derangements medicin	616.8	<b>Meridional instruments</b>	<b>522.3</b>
mind and body	132	Mérimée, Prosper Fr. fic.	843.81
development education	370	<b>Merino sheep</b>	<b>636.36</b>
disability, inherited hyg.	613.92	<sup>1</sup> Merioneth, Wales hist.	942.92
<b>faculties</b>	<b>150</b>	Merit system, <i>see</i> Civil service reform	
of animals zool.	591.51	Mermaids folklore	398.4
healing	615.851	Merovingians Fr. history	944.01
heredity mind and body	136.3	Merrimac	
hygiene	131	and Monitor U.S.civ.war	973.7324
overwork mental hyg.	131	<sup>1</sup> co. N. H. history	974.27
philosofy	150	naval hist. U.S.civ.war	973.752
photografs	139	sinking U.S.war w. Spain	973.895
physiology mind & body	131	Merycismus physiology	612.3275
physiology	<b>612.821</b>	<b>Mesencephalon anatomy</b>	<b>611.815</b>
science	150	Mesenchyme embryology	611.013395
tests <b>childstudy</b>	<b>136.702</b>	histology	611.01825
psychology	150	Mesenteric	
Menubrium anatomy	611.713	arteries    anat.	611.1365
Menus domestic econ.	642.1	<b>celiac</b> "	<b>611.1364</b>
Menzini, B. Ital. sat.	857.56	umbilic  "	611.1364
Mercantil		nervs    "	611.8393
law	347.7	vein, inferior	611.1492
<b>libraries</b>	<b>027.2-3</b>	superior    "	611.1491
manuals	658	Mesentery <b>anat.</b>	<b>611.383</b>
rules arithmetic	511.8	diseases of	616.38
system econ. theory	330.151	Mesh connections elec. eng.	621.3191332
theory and practis	658	Mesmerism mind and body	134
<sup>1</sup> Merced co. Cal. hist.	979.458	Mesocele anatomy	611.8156
Mercenaries Am. revol.	973.342	<b>Mesodermic organs embry.</b>	<b>611.0136</b>
<sup>1</sup> Mercer co. Ill. history	977.339	Mesogastric region anat.	611.955
<sup>1</sup> Mo.    "	977.821	<b>Mesology</b>	<b>612.0144</b>

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

nephros anatomy 611.619  
 pharynx anatomy 611.3272  
   tamia anc. history 935.8  
   mod. " 956.7  
   travel 915.67  
  
   logy 551.76  
   's Lat. lit. 875.5  
  
   ees 328.3625  
   023.78  
   385  
   not. 636.088661  
   ry 938.9  
   3839.7221  
   232.1  
  
   electric engineering 621.37  
   physics 537.7  
 mental elem. educ. 372.102  
 psychology 136.702  
 practical chemistry 542.3  
 Mesures and weights  
 metrology 389  
 state control 351.821  
 Measuring  
 instruments metrology 389  
   physics 530.8  
 of angles crystallografy 548.7  
   surveying 526.93  
   distances " 526.92  
   heat electric meth. 536.53  
   ights surveying 526.94  
   light optics 535.2  
   ventilation mines 622.46  
 Metabolism  
 of nitrogen in urea 612.46123  
   plants 581.13  
   physiologic chemistry 612.0153  
   physiology 612.39  
 Metacarpal bones anat. 611.7178  
 Metacarpophalangeal joints 611.7278  
 Metacarpus anat. 611.7178  
 Metagenesis animals 591.163  
 Metal  
   beams bridge engin'g 624.227  
   filaments elec. lighting 621.3264  
   lath masonry 693.66  
   pavements engin'g 625.87  
   rollers agriculture 631.3141  
   roofing blding 695.4  
   sheet, shop mfg plant 621.792  
 Metalized filaments  
   elec. light 621.32631

Metallic  
   ceilings architect. 721.74  
   doors " 721.82  
   floors and flooring " 721.64  
   ores econ. geol. 553.3-4  
   poisons therapeutics 615.925  
   roofs architecture 721.54  
   blding 695.4  
   salts emetics 615.731  
   tractors cures 615.856  
   tremor diseases 616.862  
**Metallurgy** 669  
**Metals**  
   bearing mech. engin'g 621.822  
   blding materials 691.8  
   coinage 332.41  
   history 669  
   inorganic chemistry 546.3  
   manufactures 671  
   mining 622.34  
   organic chemistry 547.9  
   transmutation of 540.1  
 Metalwork, artistic 739  
**Metalworking tools, mach.** 621.9  
**Metamorphic rocks geol.** 552.4  
**Metamorphism phys. geol.** 551.6  
 Metamorphosis  
   botany 581.34  
   comparativ physiol. 612.651  
   of insects 595.7  
   zoology embryology 591.34  
   variation 591.151  
 Metaphors rhetoric 808  
**Metaphysics** 110  
 Metapore anat. 611.8185  
 Metatarsal bones " 611.7188  
 Metatarsophalangeal joints 611.7288  
 Metathalamus anatomy 611.8146  
 Métayage 631.114  
 Metempsychosis metaphys. 129.4  
**Metencephalon anatomy** 611.817  
 Meteoric points astron. 523.53  
   showers " 523.53  
 Meteorites astronomy 523.51  
   lithology 552.6  
 Meteorology  
   natural history of man 573.4  
   physical geology 551.5  
 Meteors and comets 523.56  
   astronomy 523.5  
   systems of 523.54  
 Meter  
   transformers elec. eng. 621.31438  
   weights and mesures 389

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Meters</b>			
<b>electric engineering</b>	621.373		
electric light	621.3286		
<sup>1</sup> English prosody	426.5		
gas chemistry	542.76		
telephone stations	621.38798		
water	628.17		
<b>Methemoglobin</b> physiol.	612.11116		
<b>Method</b>			
of directions geodesy	526.54		
exhaustions calculus	517.1		
independent angles	526.51		
least squares orbits	521.36		
probab.	519.8		
repetitions geodesy	526.56		
summoning legis. bodies	328.351		
<b>Methodist church</b>	287		
episcopal church	287.6		
<b>Methodists</b> biography	922.7		
<b>Methodology</b> metaphys.	112		
<b>Methods</b>			
business	658		
drainage agriculture	631.62		
in special topics see subject			
literary lib. econ.	029		
of education	371		
feeding zootechny	636.0842		
statistics	311		
studying science	507		
surveying	526.91		
teaching chemistry	540.7		
protectiv agriculture	632.94		
<b>Metric system</b> metrology	389		
<b>Métissage</b> zootechny	636.082432		
<b>Metritis</b> obstetrics	618.73		
<b>Metrology</b>	389		
<sup>1</sup> Metz history	943.45		
travels	914.345		
<b>Meung, Jean de</b> Fr. poetry	841.18		
<sup>1</sup> Meurthe et Moselle, Fr.			
history	944.382		
<sup>1</sup> Meuse, France history	944.381		
<b>Mexican</b>			
indians	970.1		
war Mexican history	972.05		
U. S. "	973.62		
nat'l ass'n of veterans	369.146		
pension act U.S. hist.	973.85		
wild turkey	636.59212		
<b>Mexico</b>			
<b>administration</b>	354.72		
antiquities	913.72		
architecture	720.972		
botany	581.972		
<b>Mexico</b>			
city battles Mex. war	973.6238		
capture " "	973.6239		
<sup>1</sup> history	972.5		
travels	917.25		
<b>finance</b>	336.72		
<b>geology</b>	557.2		
gulf of phys. geol.	551.463		
<sup>1</sup> history	972		
<b>maps</b>	912.72		
<b>schools, public</b>	379.72		
<b>statistics</b>	317.2		
<b>travel</b>	917.2		
<b>treaties</b>	341.272		
other topics see table 1			
<b>Mezzotint</b>	766		
<b>Mhains</b> domestic animals	636.293		
<sup>1</sup> Miami co. Ind. history	977.284		
<sup>1</sup> O. "	977.148		
<b>Mica</b> economic geology	553.9		
<b>Micah</b> Bible	224.93		
<b>Michael 6</b> Byzantine hist.	949.502		
Angelo, jr Ital. lit.	852.51		
<b>Michel, Jean</b> French dram.	842.22		
<b>Michigan</b>			
admission U. S. hist.	973.56		
<sup>1</sup> history	977.4		
For military history see			
973.52474, 973.7474 and			
973.89474			
<sup>1</sup> city, Ind. history	977.291		
lake travel	917.74		
<sup>1</sup> Michoacan, Mex. "	972.3		
<b>Micrembrææ</b> botany	583.925		
<b>Microbes</b>	589.95		
soil bacteriology	631.46		
<b>Microfone</b>			
electrophysiology	612.01442182		
physics	537.82		
<b>Microfotografy</b>			
fotografy	778		
microscopy	578.4		
<b>Micrology, animal</b>	591.8		
<b>human</b>	611.018		
<b>Micrometers</b> astronomy	522.53		
<sup>1</sup> Micronesia history	996.5		
<b>Micro-organisms</b> etiology	616.01		
<b>Microphone</b> electrophys.	612.01442182		
physics	537.82		
<b>Microphotografy</b>			
microscopy	578.4		
photografy	778		
<b>Micropyle</b> zoology	591.172		
<b>Microscopes</b>	578		
optics	535.82		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Microscopic  
 analysis of water 613.33  
 life invertebrates 592  
 material, preparation of 578.6  
**Microscopy** 578  
 animal histology 591.8  
 human " 611.018  
 lithology 552.8  
 study of disease 616.077  
 vegetable histology 581.8  
**Microspores** botany 584.1  
 Microtome microscopy 578.4  
 Micturition physiol. 612.46711  
**Midbrain** anatomy 611.815  
**Middens**  
 and privies scavenging 628.41  
 kitchen prehist. arch. 571.93  
**Middle**  
 ages European history 940.1  
 breaker 631.3126  
 burster 631.3126  
 class political science 323.32  
 ear anatomy 611.854  
 diseases of 617.84  
 physiology 612.854  
 High German language 437.02  
 poetry 831.2  
<sup>1</sup> States, U. S. history 974  
 For military history of all or individual states, see subdivisions of Special campaigns and Military history under 973-3, 973-52, 973-7 and 973-89  
 Suffolk swine 636.4272  
 wool sheep 636.323  
 Yorkshire swine 636.4271  
 Middleman political econ. 331.236  
<sup>1</sup>Middlesex co. Ct. history 974.66  
 1 Eng. " 942.1  
 1 Mass. " 974.44  
 1 N. J. " 974.941  
 1 Ont. " 971.325  
 Middletown, Va. battle 973.7377  
 Midges pests 632.77  
<sup>1</sup>Midland co. Mich. hist. 977.448  
<sup>1</sup>Midlands, Eng. " 942.4-5  
 Midshipman's butter fruit 634.653  
 Midwifery, antiseptics in 618.89  
 obstetrics 618.2  
<sup>1</sup>Mifflin co. Pa. history 974.846  
 Fort Am. revol. 973.3337  
**Migrations**  
 of animals 591.52  
 men ethnology 572.3  
 Mikkelsen, Hans, Dan. misc. 839.8823  
 Milá y Fontanals, M. 868.53
- <sup>1</sup>Milan history 945.2  
 travels 914.52  
 Mildew agriculture 632.4  
 botany 589.2  
 domestic econ. 648.7  
**Military**  
 academies 355.07  
 aeronautics 623.74  
 and naval arts 355  
 naval order of U. S. 369.113  
 antiquities 355.09  
 architecture, bildings 623.61  
 fortifications 623.1  
 balloons engin'g 623.74  
 biography 923.5  
 bounties, see Bounties  
 bridges 623.65  
 celebrations mil. science 355.16  
 disciplin " 355.13  
 drill school gymnastics 371.733  
 duels mil. science 355.13  
 engineering 623  
 geografy mil. science 355.47  
 hierarchy 355.33  
 history 355.48  
 of special countries see country  
 history Great war 940.4  
 U. S. civil war 973.74  
 Mex. war 973.624  
 revolution 973.34  
 Span. war 973.894  
 war 1812 973.524  
 honor 355.13  
 hospitals 362.1  
 hygiene 613.67  
 law 355  
 courts martial 344  
 lite 355.1  
 order of foren wars U. S. 369.115  
 the loyal legion 369.152  
 organization in schools 371.43  
 pensions 351.5  
 fotografy 623.72  
 railways 623.63  
 religious orders 929.7  
 roads mil. engin'g 623.62  
 sanitation " " 623.75  
 science 355  
 servis suffrage 324.171  
 signals 623.7  
 society of the war of 1812 369.143  
 surgery 617.99  
 surveying geodesy 526.99  
 mil. eng. 623.71

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Military</b>			
telephony	mil. eng.	623.733	
telegrafy	" "	623.732	
topografy	" "	623.71	
<b>Militia</b>		<b>355</b>	
<b>Milk</b>			
agriculture		637.1	
analysis	adulterations	614.321	
	chemistry	543.2	
and its products	adult.	614.32	
as food	physiology	612.39284	
condenst	dairy	637.142	
cooler		637.1321	
cure	therapeutics	615.854	
dairy		637.1	
depots	dom. econ.	641.4	
dietetics		613.28	
fever	obstetrics	618.71	
food for infants		613.22	
pans		637.1327	
physiologic zoology		591.146	
physiology		612.664	
sugar	cheesemaking	637.345	
	milk composition	637.1272	
<b>Milkcurdling ferments</b>			
gastric juice		612.3216	
physiology		612.664171	
<b>Milkers, mechanical</b>		637.125	
<b>Milking</b>		637.124	
<b>Mill, J: S.</b>	British philos.	192.7	
<b>Mill</b>			
dams	hydraulic eng.	627.8	
	water engines	621.29	
gearing and machinery		621.85	
stones	mechan. eng.	621.922	
work	engineering	621.8	
<b>Millennium</b>	theology	236.3	
<b>Miller, Joaquin</b>	Am. poet.	811.45	
<b><sup>1</sup>Miller co. Mo.</b>	history	977.856	
<b>Millerand</b>	French hist.	944.03	
<b>Millerites</b>	sects	286.7	
<b>Millers' occupation</b>	hyg.	613.63	
<b>Millery sheep</b>		636.3469	
<b>Millet</b>		633.171	
<b>Millevoeye, C: H.</b>	Fr. poet.	841.67	
<b>Milliken repeaters</b>	teleg.	621.38324	
<b>Millinery</b>	clothing	646.5	
	trades	687	
<b>Milling tools</b>		621.91	
<b>Millomaiz</b>	cereals	633.177	
<b>Mills</b>			
and manuf'g works		621.7	
cotton, woolen, etc.		677	
<sup>1</sup> co. Ia.	history	977.774	
flour, meal and feed	arch.	725.47	
<b>Mills</b>			
paper	arch.	725.46	
	manufactures	676	
textil	architec.	725.41	
woodworking	"	725.44	
<b>Milos swine</b>		636.472	
<b>Milton, John</b>	Eng. poet.	821.47	
<b><sup>1</sup>Milwaukee city, Wis.</b>	hist.	977.595	
<sup>1</sup> co.	" "	977.594	
<b>Milwrighting</b>	engin'g	621.7	
<b>Mimeograf</b>	offis fittings	652	
<b>Mimetic</b>	arts	792	
	variation	591.155	
<b>Mimetism</b>	comp. physiol.	612.0162	
<b>Mimicry</b>	" "	612.0162	
	social ethics	177.1	
<b>Mind</b>		<b>150</b>	
and body		<b>130</b>	
child study		136.7	
cure	therapeutics	615.851	
educational psychology		370.15	
in animals	zoology	591.51	
physiologic psychology		612.821	
psychology		<b>150</b>	
readers' lives		920.9	
reading	mesmerism	134	
zoology		591.51	
<b>Mine</b>			
cars	engineering	622.63	
fires	"	622.82	
Run, campain	U. S. hist.	973.7353	
surveying	engineer'g	622.14	
<b>Mineplanters</b>	shipbilding	623.826	
<b>Mineral</b>			
amendments	soil	631.82	
cements	chem. tech.	666.9	
	econom. geol.	553.68	
constituents of food		641.17	
<sup>1</sup> co. W. Va.	history	975.494	
foods	physiology	612.3926	
	zootechny	636.0877	
irritant poisons	therap.	615.92	
oil refining	air pollut.	614.724	
oils	chemic tech.	665.4	
	econom. geology	553.28	
salts, dialysis of	physiol.	612.3821	
	in bile	612.35714	
	blood	612.126	
springs	econom. geol.	553.7	
substances	in milk	612.66416	
	phys. chem.	612.01531	
surveys		622.13	
trades	air pollution	614.72	
veins	ore deposits	553.19	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Mineral  
waters adulterations 614.348  
artificial 663.6  
econom. geol. 553.7  
hygiene 613.38  
therapeutics 615.79  
wool linings masonry 693.67
- Mineralogy** 549  
determinativ 549.1  
of the Bible 220.8549
- Minerals petrography 552.81
- Mines  
military engineering 623.26  
mining 622  
ownership pol. econ. 333.8  
state control 351.823  
suffocation in pub. safety 614.82
- <sup>1</sup>Mingo co. W. Va. history 975.448
- Miniature books 099
- Miniatures painting 757
- Minie ball small arms 623.4552
- Minima and maxima algeb. 512.3  
geom. 513.19
- Minimum  
wage polit. econ. 331.215
- Mining  
companies min. engin'g 622.06  
dangers and accidents 622.8  
economic geology 553  
engineering 622  
engins steam eng. 621.13268  
laws 622.007  
machinery, hydraulic 621.269  
practical 622.2  
products polit. econ. 338.2  
prospectuses 622.19  
reports 622.009
- Minisink Amer. revol. 973.3353
- Minister eccles. pol. 262.14
- Ministerial authority 262.8
- Ministers  
French government 354.4404  
German state " 354.4308  
library propagandism 021.76  
lives of 922
- Ministration to sick and ded 265.8
- Ministries of state architec. 725.12  
war " 725.12
- Ministry  
ecclesiastic polity 262.1  
German government 354.4306  
lay 262.14  
parish work 258  
religion 250
- Minnesingers Ger. poetry 831.2
- Minnesota, U. S.  
admission U. S. hist 973.68  
<sup>1</sup> history 977.6  
For military history, see  
973.52476, 973.7476 and  
973.89476
- <sup>1</sup>Minorca history 946.7  
travels 914.67
- Minorcan fowls 636.562
- Minority representation 324.223
- Minors law 347.6
- Minot, L. Eng. poetry 821.14
- <sup>5</sup>Minstrelsy " " 821  
negro voc.mus. 784.7
- Mints field crops 633.822  
garden " 635.72  
polit. economy 332.46
- Minute books curiosa 099
- Miocene period geology 551.782
- <sup>1</sup>Miquelon islands, N. F. hist. 971.8
- Miracle plays  
English literature 822.1  
general history 809.2  
religion 244  
theater 792
- Miracles doctriens 231.7  
New Testam't 226.7  
postbiblical 231.7
- Mirage optics 535.3
- Mirrors " 535.87
- Miscarriage obstetrics 618.39
- Miscegenation ethics 173.1  
hygiene 613.9  
law 347.6
- Miscellanies see subjects
- <sup>5</sup>Miscellany Eng. liter. 828
- Miscount of ballots frauds 324.275
- Misers, lives of 920.8
- Mishna Judaism 296
- Misrule, Spanish, in Cuba  
U. S. history. 973.891
- Missals catholic ritual 264.025  
illuminated 096
- <sup>1</sup>Missaukee co. Mich. hist. 977.466
- Missing link evolution 575.8
- Missionaries, lives of** 922
- Missionary Ridge, battle 973.7359  
schools 377.6
- Missions  
city 266  
home and foren 266  
music for sacr'd music 783.7  
parish 269  
Roman catholic 266.2

<sup>1</sup> Missisquoi co. Que. hist.	971.462	Modeling	elem. educ.	372.53
Mississippi			sculpture	731
bubble loan institutes	332.31	Models	art study	707
<sup>1</sup> co. Mo. history	977.898	<sup>1</sup> Modena	history	945.4
river description	917.7		travel	914.54
discov. U. S. hist.	973.16	Modern		
state		analytic geometry		516.5
admission U. S. hist.	973.54	architecture		724
history	976.2	church history		270.8
secession U. S. hist.	973.713	costumes and customs		390
For military history of state, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89		dance music		786.46
valley description	917.7	European history		940.2
Missouri		geometry		513.5
compromise U.S. civ. war	973.7113	<sup>4</sup> Greek language		489
current	634.724	<sup>6</sup> literature		889
river description	917.78	history		940-999
state admission	973.54	<sup>3</sup> Persian languages		491.55
<sup>1</sup> history	977.8	philosophers		190
For military history of state, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89		lives		921
<sup>1</sup> Mistassini co. Que. hist.	971.411	Sabbath theology		263.2
Mistral, F. Provençal poet.	849.146	sculpture		735
Mitchell, D. G. Am. misc.	818.32	Modesty ethics		179.9
<sup>1</sup> Mitchell co. Ia. hist.	977.7234	<sup>1</sup> Modoc co. Cal. hist.		979.423
Miter sacred ornaments	247.6	indian war U.S. hist.		973.82
Mites animal parasites	616.9685	Modulus of mach. physics		531.43
zoology	595.4	Moesia ancient history		939.88
Mithradatic war Rom. his.	937.05	Moguls Indian "		954
Mithraic worship	295	locomotivs		621.13262
Mitral valvs anatomy	611.12642	Mohair dom. econ.		646.13
Mixing machinery sewage	628.342	manufactures		677
Mixt drinks adulterations	614.349	Mohammedan architecture		723.3
chem. tech.	663.8	biography		922.97
state pol. sci.	321.02	cookery		641.567
Mnemonic derangements	132.8	Mohammedanism		297
Mnemonics	154.1	Mohawk		
Moab ancient history	939.46	indians		970.3
Moabite stone	492.617	vallev massacre		Am. rev. 973.3345
Moats fortifications	623.117	Moisture		
<sup>1</sup> Moberly, Mo. history	977.8281	conditions of life		577.4
Mobile, Ala.		hygiene		613.14
bay U.S. civ. war	973.7372	physical geografy		551.57
nav. his. "	973.754	prevention in museums		579.83
campaign "	973.7388	soil agriculture		631.432
Mobs administration	351.752	public helth		614.772
Mocking birds care of	636.686	therapeutics		615.833
zoology	598.8	Molar pregnancy		618.39
Model		Molasses chem. technol.		664.1
tanks shipbilding	623.83	Molbeck, C. K. F. Dan. lit.		839.8265
		Mold fungi		589.2
		loft shipbilding		623.83
		<sup>1</sup> Moldavia, Rumania hist.		949.8
		Moldavian sheep		637.373
		swine		636.474

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Moldboard plow, double	631.3126	<b>Money</b>	332.4
turning	631.3124	administration	351.822
Molding cheesemaking	637.3338	deposit by lib. borrower	024.14
metal manufac.	671	making commerce	658
Moldings		ethics	174.4
architecture	729.31	paper	332.5
carvd arch. decoration	729.55	prize military science	355.13
painted " "	729.45	soliciting library rules	023.93
Molds, butter	637.2328	<sup>1</sup> Mongolia, China history	951.7
Mole plow	631.3126	Mongolian languages	495
Molecular physics	539	Mongolicza swine	636.472
Molecules		Mongols history	950
displacement of	539.5	Russian history	947.03
theoretic chemistry	541.2	Monimiaceæ botany	583.928
Moles zoology	599.3	Monism philosophy	147
Molière, J: B.P. Fr. drama	842.42	<sup>1</sup> Moniteau co. Mo. history	977.852
Molina, T. de Span. "	862.33	Monitor	
<sup>1</sup> Moline, Ill. history	977.339	and Merrimac U. S. hist.	973.7324
Molinists heresies	273.7	naval history " "	973.752
persecution	272.5	Monitorial system of educ.	371.41
Molino del Rey, battle	973.6239	Monitors	
<sup>1</sup> Molise, Italy history	945.71	school government	371.57
Mollusca paleontology	564	warships naval eng.	623.825
zoology	594	Monkeys zoology	599.8
Molluscoidea	594.6	Monks religious orders	271
Mollusks fishery	639.4	Monmouth	
Molly Maguires		battle Amer. revol.	973.3342
labor organizations	331.88	<sup>1</sup> co. England	942.43
Molting embryology	591.34	<sup>1</sup> N. J. history	974.946
<sup>1</sup> Moluccas history	991.3	Monmouth's rebellion	942.067
Molybdates mineralogy	549.74	<sup>1</sup> Mono co. Cal. hist.	979.448
Molybdenum chemistry	546.77	Monocacy, Md	
Molza, F. M. Ital. fiction	853.33	battle U. S. civ. war	973.7369
poetry	851.34	Monocotyledonæ botany	584
Moments statics	531.23	Monogamy family ethics	173.2
Monachism theology	271	hygiene	613.89
<sup>1</sup> Monaco history	944.94	Monograms design	745
travel	914.494	Monoliths prehist. arch.	571.94
<sup>1</sup> Monaghan, Ireland hist.	941.67	Monomania insanity	132.1
Monarch Eng. government	354.4203	<sup>1</sup> Monona co. Ia. hist.	977.744
Monarchic institutions	321.6	<sup>1</sup> Monongahela val. W. Va. hist	975.451
Monarchs		<sup>1</sup> Monongalia co. W. Va. "	975.452
biografy	923.1	Monoplanes	
of states Ger. gov't	354.4307	aeronautics	629.173
Monarchy, absolute	321.6	Monopolies trade	338.8
constitutional	321.7	state finance	336.19
Monasteries architecture	726.7	Monorail	
theology	271	rolling stock engin'g	625.28
Monastic		tracks "	625.146
orders	271	Monosaccharids nutrition	612.39613
schools education	377.3	Monotony vs variety of	
Monasticism	271	library work	023.701
Mondolingue univ. lang.	408.9	Monotremata mammals	599.1
Monetary congresses	332.44	Monotropeæ botany	583.63

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Monroe, James	presidency	973.54	Montgomery		
<sup>1</sup> Monroe Ind.	history	977.225	<sup>1</sup> co. Pa.	history	974.812
	travels	917.7225	Fort Amer.	revol.	973.3335
<sup>1</sup> co. Ill.	history	977.391	<sup>1</sup> Wales	history	942.94
<sup>1</sup> Ia.	"	977.7865	Montgomery's		
<sup>1</sup> Mich.	"	977.432	Canada expd.	Am. rev.	973.3315
<sup>1</sup> Mo.	"	977.8325	glands	anatomy	611.691
<sup>1</sup> N. Y.	"	974.788	Months, names of		529.2
<sup>1</sup> O.	"	977.196	Monti, Vincenzo	Ital. poet.	851.64
<sup>1</sup> Pa.	"	974.825	<sup>1</sup> Montmagny co. Que.	hist.	971.4735
<sup>1</sup> W. Va.	"	975.478	<sup>1</sup> Montmorency co. Mich.	"	977.483
<sup>1</sup> Wis.	"	977.554	<sup>1</sup> Que.	"	971.448
doctrin	foren relations	327.73	<sup>1</sup> Montour co. Pa.	"	974.839
	U. S. history	973.54	<sup>1</sup> Montreal, Que.	"	971.4281
Monro's foramen	anat.	611.8148	travel		917.14281
Mons veneris	"	611.6731	Monts de piété		
Monsoons	meteorology	551.51	loan institutes		332.33
Monsters, fabulous		398.4	state control		351.825
Monstrosities			Monuments		
animal		591.159	American revolution		973.365
human anatomy		611.012	antiquities		913
natural hist. of man		573.9	cemeteries		718
vegetable teratology		581.22	Great war 1914-19		940.465
variation		581.159	prehistoric		571.9
Mont Blanc	travels	914.449	U. S. civil war		973.765
Cenis tunnel		622.26	<sup>5</sup> Moods, signs of	Eng.	422.8
Montagu, Mrs E..	Eng. let.	826.62	<sup>3</sup> syntax	Eng.	425.8
M., Lady	" "	826.51	Moon		
Montaigne, M.E. de	Fr. lit.	844.31	astronomy		523.3
Montana, U. S.			charts		523.39
admission	U. S. history	973.86	effect on tides		525.62
<sup>1</sup> history		978.6	maps	observations	524.3
military hist.	Span. war	973.89486	observation of		523.39
	U.S.civ. war	973.7486	type printing for blind		655.38
Montanism	heresies	273.9	Moonding	domestic animals	636.293
Montares sheep		636.366	Moore		
<sup>1</sup> Montcalm co. Mich.	hist	977.453	Edward	Eng. essays	824.61
<sup>1</sup> Que.	"	971.441	Thomas	poetry	821.75
Montemayor, Jorge de		863.31	lamp elec. lighting		621.3275
<sup>1</sup> Montenegro	history	949.7	Moorish		
Monterey, battle	Mex. war	973.6235	architecture		723.3
<sup>1</sup> co. Cal.	hist.	979.476	kingdom	Span. hist.	946.02
Montesquieu	Fr. essays	844.52	Moors, expulsion of	" "	946.03
Montgolfer ram	hyd. eng.	621.272	Moot courts		340.7
Montgolfières			Mootan language		491.41
aeronautics		629.151	Moraceous fruits		634.36
Montgomery			Moraines	glaciers	551.32
<sup>1</sup> co. Ill.	history	977.382	Moral		
<sup>1</sup> Ind.	"	977.248	agency, free doc. theol.		233.7
<sup>1</sup> Ia.	"	977.775	education		377
<sup>1</sup> Md.	"	975.284	expectations	probabil.	519.2
<sup>1</sup> Mo.	"	977.838	government in schools		371.58
<sup>1</sup> N. Y.	"	974.746	heredity	metaphysics	129.2
<sup>1</sup> O.	"	977.172	theology		233.3

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Moral**  
 philology 170  
 science. ethics 170  
 sentiment " 171.2  
 systems 171
- Morals**  
 and church 261.4  
 history of ethics 170.9  
 laboring classes pol. econ. 331.84  
 of the press ethics 179.1  
     journalism 070.11  
 war ethics 172.4
- Moratin, L.F. de** Span. dram. 862.42  
     N.F. de poet. 861.41
- <sup>1</sup>Moravia** history 943.72
- Moravian brethren** sects 284.6  
<sup>4</sup> language 491.87  
 missions 266.46
- Morbid anatomy** 616.078  
 habits hygiene 613.87
- Morbidity** public helth 614.15
- <sup>1</sup>Morbihan, France** hist. 944.13
- More, T:** English fiction 823.2
- <sup>1</sup>Morea** history 949.5
- <sup>1</sup>Morelos, Mex.** " 972.4
- <sup>1</sup>Moresnet** history 949.3  
 travels 914.93
- Moreto y Cabaña, A.** 862.37
- Morfe** common sheep 636.3236
- Morfogeny** nervous system 612.8013  
 physiology 612.605
- Morfology**  
 animals 591.4  
 comparativ philology 415  
 \* English language 425.1  
 physiologic  
   of intestin 612.335  
     leucocytes 612.1129  
     milk 612.6645  
     muscles 612.7419  
     nervous stimulation 612.815  
     optic nerv 612.84315  
     pancreas 612.345  
     salivary glands 612.3135  
     secretions 612.409  
     stomach 612.325  
     sweet 612.7925  
 plants 581.4
- Morgagni's hydatids** anat. 611.633
- <sup>1</sup>Morgan co. Ill.** history 977.346  
<sup>1</sup> Ind. " 977.251  
<sup>1</sup> Mo. " 977.853  
<sup>1</sup> O. history 977.194  
<sup>1</sup> W. Va. " 975.496
- Morgan horse** 636.128
- Morganatic marriage**  
 customs 392.6  
 ethics 173.1
- Morgan's Ohio raid** 973.7342
- <sup>1</sup>Morgantown, W. Va.** hist. 975.453
- Moringeæ** botany 583.299
- Mörk, J. H.** Swed. fiction 839.7341
- Mormonism** 298
- Mormons** biography 922.98
- Morning prayer**  
 Anglican ritual 264.033  
 family devotions 249  
 personal religion 248
- <sup>1</sup>Morocco** history 964  
 travel 916.4
- Morphin habit** ethics 178.8
- Morphogeny**  
 nervous system 612.8013  
 physiology 612.605
- Morris, W:** Eng. poetry 821.85
- Morris**  
<sup>1</sup> co. N. J. history 974.974  
 iland, S. C. U.S. civ. war 973.7351
- Morristown, N. J.** Am. rev. 973.367
- <sup>1</sup>Morrow co. O.** history 977.1516
- Morse automatic telegraf** 621.38241  
 code elec. " 621.382151
- Mortality**  
 law of insurance 368.3  
 statistics 312  
     pub. helth 614.12
- Mortar**  
 bilding material 691.5  
 engineering 620.15  
 mounts ordnance 623.4323
- Mortars**  
 chemic apparatus 542.22  
     technology 666.9  
 ordnance 623.4214  
 prehistoric archeology 571.27
- Mortgage companies** 332.313
- Mortgages** law 347.2
- Mortification** surgery 617.25
- Mortmain** law 347.2
- Morton's Ford, Va.**  
 U. S. civil war 973.7362
- Mortuary**  
 bildings architecture 726.8  
 customs 393  
 designs sacred ornam'ts 247.3  
 statistics population 312  
     registration 614.12
- Morvan sheep** 636.386

<b>Mosaic</b>		
law Old Testament	222.1	
windows, architect. decor.	729.85	
work	747	
<b>Mosaics</b>		
architectural decoration	729.7	
floors and flooring	721.67	
religious ornaments	247.4	
Moscherosch, J.; M. Ger. sat.	837.51	
<sup>1</sup> Moscow history	947.3	
travel	914.73	
<sup>1</sup> Moselle, France history	944.382	
Mosenthal, S.H. Ger. dram.	832.82	
Moslems	297	
Mosques architecture	726.2	
<sup>1</sup> Mosquito shore, Cent. Am.	972.85	
<b>Mosquitoes</b>		
agriculture	632.77	
animal parasites	591.69	
parasitic diseases	616.9681	
public health	614.43	
zoology	595.77	
<b>Mosses botany</b>	588.2	
sea algæ	589.3	
<sup>1</sup> Mosûl history	956.7	
Motet sacred music	783.4	
Moth, gipsy	632.78	
<b>Mother</b>		
ethics	173.5	
Goose folklore	398.3	
maternity	618	
tung elem. educ.	372.61	
Mothers pensions	362.6	
<b>Moths agriculture</b>	632.78	
dom. econ.	648.7	
econom. zoology	591.68	
syst. "	595.78	
<b>Motion</b>		
beginnings of biology	576.4	
composition of physics	531.22	
in medicin massage	615.82	
laws of astronomy	521.11	
metaphysics	116	
of earth astronomy	525.3	
liquids hydraulics	532.5	
plants botany	581.5	
sap in plants botany	581.11	
solar system	523.24	
perpetual mechanics	531.8	
pictures, see Moving		
pure physics	531.1	
rectilinear "	531.31	
<b>Motiv power, farm</b>	631.371	

<b>Motor</b>		
apparatus physiology	612.7	
bicycle	629.2	
boats, small	623.823	
cars elec. traction	621.3343	
converters elec. eng.	621.31357	
cultivator agriculture	631.316	
electric traction	621.3344	
engins, see Motors		
panels elec. eng.	621.31723	
system anatomy	611.7	
physiology	612.7	
surgery	617.47	
terminations of nerves	611.018861	
vehicles	629.2	
<b>Motor dynamos elec. eng.</b>	621.31326	
<b>Motoroculi</b>		
nerv anatomy	611.8313	
eye	612.8463	
physiology	612.8193	
external, see Sixth nerv		
nucleus anatomy	611.8155	
<b>Motors</b>		
aerostation engin'g	629.163	
aviation "	629.183	
direct current elec. eng.	621.31324	
induction " "	621.31364	
repulsion " "	621.31366	
series " "	621.31365	
synchronous " "	621.31344	
<b>Motory organs animals</b>	591.47	
<b>Mottos college</b>	378.27	
Eng. literature	828	
<b>Mould fungi</b>	589.2	
<b>Moulding, see Molding</b>		
<b>Moulting embryology</b>	591.34	
<sup>1</sup> Moultrie co. Ill. history	977.367	
Fort, battle Am. revol.	973.3328	
<b>Mound layering</b>	631.5343	
<b>Moundbuilders prehist. arch</b>	571.91	
U. S. history	973.1	
<b>Mounds prehistoric arch.</b>	571.9	
<b>Mountain</b>		
artillery mil. eng.	623.413	
climbing hygiene	613.72	
sports	796	
cottages architecture	728.7	
<sup>1</sup> counties W. Va. history	975.48	
engins steam engin'g	621.13267	
guns gunnery	623.551	
mounts ordnance	623.431	
pastures zootchny	636.08423	
railways	625.3	
regions agriculture	630.0914	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Mountain**  
   resorts hygiene 613.12  
   sheep, English 636.325  
     German 636.333  
     Italian 636.35  
   sickness physiology 612.27511  
**Mountaineering** hygiene 613.72  
                   sports 796  
**Mountains**  
   attraction of geodesy 526.14  
   in moon 523.34  
   measurement of 551.53  
   natural boundaries 320.1282  
   physical geografy 551.43  
   volcanic 551.21  
**Mounting specimens** 579.5  
   telescopes 522.25  
**Mounts ordnance** 623.43  
**Mourning customs** 393.9  
**Mouse traps** 648.7  
**Mouth**  
   anatomy 611.31  
   diseases 616.31  
   glands anatomy 611.316  
   in speech physiol. 612.7891  
   muscles anatomy 611.7326  
   physiology 612.31  
   primitiv embryology 611.01334  
   surgery 617.52  
**Movable bookcases** 022.433  
   bridges civil eng. 624.8  
     mil. " 623.65  
**Movables chattels** 347.3  
**Movement**  
   and sensibility physiol. 612.8114  
   cure therapeutics 615.82  
   inhibition of phys. psy. 612.82134  
   muscular animal heat 612.532  
**Movements**  
   associated phys. psych. 612.82135  
   of brain physiology 612.8242  
   eye physiology 612.846  
   intestin " 612.337  
   large intestin " 612.367  
   plants botany 581.5  
   special physiology 612.763  
   stomach " 612.327  
**Moving**  
   pictures amusements 791  
           education 371.33  
           fotografy 778  
   see also Fotoplays  
   sidewalks 621.8675  
   stairs 621.8676  
**Mowatt, A. C.** Am. dram. 812.31  
**Mowers** 631.352  
**Mowing** 631.552  
<sup>1</sup>Mozambique history 967.9  
<sup>1</sup>Mozul history 956.7  
**Mucilage manufacture** 668.4  
**Muck fertilizers agric.** 631.871  
**Mucous**  
   membranes, absorp. by 612.387  
     admin. of med. 615.66  
     histology 611.01873  
     physiology 612.38  
   secretion animals 591.141  
   tissue histology 611.01825  
**Mud architecture** 693.22  
   iland Amer. revol. 973.3337  
**Mudie's circulat'g libraries** 027.342  
**Muffles, elec. prac. chem.** 542.47  
**Muggletonians sects** 289.9  
**Muhammedans** 297  
**Mulberry fruit culture** 634.38  
   silk " 638.2  
   family fruit " 634.36  
**Mulching** 631.79  
**Mule domestic animals** 636.183  
   zoology 599.7  
**Müller, F. P.** Dan. poetry 839.8167  
**Müller's duct anatomy** 611.669  
**Multangulum majus, os** 611.71775  
   minus, os 611.71776  
**Multifidus muscle anat.** 611.73165  
**Multimember**  
   constituency suffrage 324.222  
**Multiovulatæ**  
   aquaticæ botany 583.92  
   terrestres " 583.922  
**Multiplane**  
   aircraft engin'g 629.173  
**Multiple**  
   furrow plow 631.3122  
   integrals calculus 517.34  
   layering 631.5342  
   pregnancy obstetrics 618.25  
   stars astronomy 523.84  
   unit control elec. tract. 621.3344  
**Multiplex telegrafs**  
   communication 654.2  
   electric engineering 621.38235  
**Multiplication of plants** 631.53  
**Multispeed motors eng.** 621.313246  
**Mummies** 393.3  
**Mumps diseases** 616.31  
   public helth 614.544  
**Munch, P. A.** Dan. essays 839.8464

Munch-Bellinghausen E.F.J.	832.75	Muscovy duck	636.59783
<sup>1</sup> Muncie, Ind. history	977.265	<b>Muscular</b>	
<sup>1</sup> Munich	943.36	arteries anatomy	611.1342
travels	914.336	contraction chem. effects	612.7442
<b>Municipal</b>		physiology	612.741
bonds polit. economy	332.6	disorders eye diseases	617.76
civil servis	352.005	exercise hygiene	613.72
corporations admin.	352	movem't and animal heat	612.532
law	347.1	respiration	612.2271
elections local gov't	352.004	sense, localization of	612.82588
engineering " "	352.5	mental faculties	152.6
government admin.	352	physiology	612.885
laundries dom. econ.	648.1	<b>system anatomy</b>	611.73
law admin.	352	physiology	612.7
statutes	340	tissue histology	611.0186
Municipalities admin.	352	<b>Museum</b>	
<b>Munitions of war mil. eng.</b>	623.4	library bildings	022.655
Munson shorthand	653.62	material lib. adminis.	025.179
<sup>1</sup> Munster, Ireland history	941.9	<b>Museums</b>	
travel	914.19	and libraries	021.46
Munster sheep	636.3335	architecture	727.6
Muntaner, R. Catalan misc.	849.9813	arrangement of specimens	579.7
<b>Mural</b>		art fine arts	708
circles astron. instrum.	522.32	state control	351.853
decorations architec.	729	education	370.74
Muratori, L. A. Ital. essays	854.56	general	069
<sup>1</sup> Murcia, Spain history	946.7	medical	610.77
<b>Murder criminal law</b>	343	of domestic science	640.74
Murfreesboro, Tenn.		<b>school equipment</b>	371.65
U. S. civ. war	973.7337	rooms	371.622
<b>Murmurs</b>		scientific natur. science	507
arterial physiology	612.133	Sunday opening	263.7
cardiac	612.1715	other museums see subject	
muscle	612.7418	<b>Mushrooms botany</b>	589.22
Murneer, T: Ger. satire	837.41	culture	635.8
Murrain cattle disease	619.2	food	641.358
Murray printing telegraf	621.38255	<b>Music</b>	
<b>Musaceous fruits</b>	634.771	art	780
<sup>1</sup> Muscatine city, Ia. hist.	977.7681	biografy	927.8
co. " "	977.768	box mech. instrum'ts	789.8
Musci botany	588.2	copyright	655.62
<b>Muscle histology</b>	611.0186	ecclesiology	246.7-8
reading	134	Great war 1914-19	940.498
wave physiology	612.7413	halls architecture	725.81
<b>Muscles</b>		library administration	025.178
anatomy	611.73	public worship	264.2
chemic composition of	612.744	room domestic econ.	645.69
diseases of	616.74	library bildings	022.659
effect of nervs on	612.817	therapeutics	615.837
glycogen of physiology	612.35218	U. S. history civil war	973.798
of eye, external anat.	611.8461	revolution	973.398
larynx	611.229	war of 1812	973.5298
physiology	612.7		
structure anatomy	611.73		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- |   |              |            |  |            |       |
|---|--------------|------------|--|------------|-------|
| <b>Musical</b>                                |              |            | <b>Myocardium</b> anatomy                | 611.127    |       |
| <b>form</b>                                   |              | 781.5      | <b>Myodynamics</b> physiol.              | 612.74     |       |
| <b>instruments</b>                            |              | 780        | <b>Myografy</b> physiology               | 612.7411   |       |
|   | acoustics    | 534.85     | <b>Myology</b> anatomy                   | 611.73     |       |
|   | schools      | 371.632    | <b>Myopia</b> eye diseases               | 617.75     |       |
| <b>sensations</b>                             | physiology   | 612.85874  |  | 612.8451   |       |
| <b>sounds</b>                                 | acoustics    | 534.3      | <b>Myoporineæ</b> botany                 | 583.871    |       |
| <b>Musicians</b>                              | biografy     | 927.8      | <b>Myosin</b> nutrition                  | 612.398132 |       |
| <b>Musk duck</b>                              |              | 636.59783  | <b>Myotonometry</b> physiology           | 612.7414   |       |
| <b><sup>1</sup>Muskegon city, Mich.</b> hist. |              | 977.457    | <b>Myrana</b> univ. language             | 408.9      |       |
| <b>co.</b> " "                                |              | 977.457    | <b>Myrica</b>                            | 634.663    |       |
| <b>Musketoons</b> small arms                  |              | 623.442    | <b>Myricaceæ</b> botany                  | 583.974    |       |
| <b>Muskets</b> manufacture                    |              | 683        | <b>Myriopoda</b> zoology                 | 595.6      |       |
| <b>small arms</b>                             |              | 623.442    | <b>Myristiceæ</b> botany                 | 583.927    |       |
| <b><sup>1</sup>Muskingum co. O.</b> hist.     |              | 977.191    | <b>Myrrh</b> perfume plants              | 633.816    |       |
| <b>Muskmelon</b>                              |              | 635.611    | <b>Myrsineæ</b> "                        | 583.677    |       |
| <b><sup>1</sup>Muskoka dist. Ont.</b>         |              | 971.316    | <b>Myrtaceæ</b> "                        | 583.42     |       |
| <b>lakes</b> " trav.                          |              | 917.1316   | <b>Myrtaceous fruits</b>                 | 634.42     |       |
| <b>Muspilli</b> Ger. poetry                   |              | 831.14     | <b>Myrtales</b> botany                   | 583.4      |       |
| <b>Musquitos, see</b> Mosquitoes              |              |            | <b>Myrtle family</b> fruits              | 634.42     |       |
| <b>Mussels</b> culture                        |              | 639.4      | <b>Mysia</b> ancient history             | 939.21     |       |
|   | zoology      | 594.1      | <b><sup>1</sup>Mysore, India</b> history | 954.8      |       |
| <b>Musset, L:'C:'A.de Fr.</b> dram.           |              | 842.76     | <b>Mysteries</b>                         |            |       |
|   | poet.        | 841.77     | drama, <i>see</i> Mystery plays          |            |       |
| <b>Mustang pony</b>                           |              | 636.168    | occultism                                | 133        |       |
| <b>Mustard</b> emetics                        |              | 615.731    | <b>Mystery plays</b> Eng. lit.           | 822.1      |       |
|   | field crops  | 633.844    |  | history    | 809.2 |
|   | garden "     | 635.44     |  | religion   | 244   |
| <b>Mustelidæ</b> zoology                      |              | 599.7      |  | theater    | 792   |
| <b>Muster rolls</b>                           |              | 355.5      | <b>Mystic filosofers</b>                 | 189.5      |       |
| <b>Mutilations</b>                            |              |            | <b>Mysticism</b> heresies                | 273.2      |       |
| of library books                              |              | 024.82     |  | philosofy  | 149.3 |
| war customs                                   |              | 399        | <b>Mystics</b> medieval                  | 189.5      |       |
| <b>Mutiny</b> maritime law                    |              | 347.7      | <b>Mythical Greek</b> history            | 938.01     |       |
| of Penn. line Am.revol.                       |              | 973.349    | <b>Mythology</b>                         |            |       |
| <b>Mutton sheep</b>                           |              | 636.323    | comparativ                               | 291        |       |
| <b>Mutual</b>                                 |              |            | German                                   | 293        |       |
| action of planets                             |              | 521.41     | Greek and Roman                          | 292        |       |
| aid societies pol. econ.                      |              | 334.7      | Norse                                    | 293        |       |
| benefit soc. state control                    |              | 351.825    | <b>Myths</b>                             | 291        |       |
| insurance pol. econ.                          |              | 334.3      | <b>Myxedema</b> diseases                 | 616.997    |       |
| system education                              |              | 371.41     | <b>Myxomycetes</b> botany                | 589.29     |       |
| <b>Muzzleloading</b> ordnance                 |              | 623.4221   |  |            |       |
| small arms                                    |              | 623.4421   |  |            |       |
| <b>Mycenæ</b> ancient history                 |              | 938.8      |  |            |       |
| <b>Mycetozoa</b> botany                       |              | 589.29     |  |            |       |
| <b>Mycology</b> botany                        |              | 589.2      |  |            |       |
| <b>Mydriatics</b> physiology                  |              | 612.8424   |  |            |       |
|   | therapeutics | 615.784    |  |            |       |
| <b>Myel</b> anatomy                           |              | 611.82     |  |            |       |
| <b>Myelencefal</b> "                          |              | 611.818    |  |            |       |
| <b>Myelencephalon</b> "                       |              | 611.818    |  |            |       |
| <b>Myelin</b> histology                       |              | 611.018834 |  |            |       |
| <b>Mylohyoid</b> muscles anat.                |              | 611.7346   |  |            |       |

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

N rays	mesology	612.014483	Narcotics		
Nabatheans	ancient hist.	939.46	moral use of		178.8
Nævius, Cnæus	Lat. dram.	872.2	therapeutics		615.78
Naftha	chem. tech.	665.5	Nardi, Jacopo	Ital. essays	854.32
	domestic fuel	644.23	Narranganset	turkey	636.5923
Nafthalene	organic chem.	547.28	Narrativs, personal		
Nahum	Bible	224.94	Great war 1914-19		940.48
Naiadaceæ	botany	584.74	U.S. history	civil war	973.78
Nails	anatomy	611.786		Mex. "	973.628
	physiology	612.799		revolution	973.38
	strength of materials	620.11287		Span. war	973.898
<sup>1</sup> Nairn, Scotland	history	941.22		war of 1812	973.528
Nakedneck fowls		636.5882	Narrowgauge railways		625.1
Names			Nasal		
	misspeld lib. access.dep't	025.232	bone	anatomy	611.7158
	of days of week	529.2	cavity	"	611.7147
	months	529.2		in speech	612.7891
	persons and places	929.4	duct	anatomy	611.8469
	pen bibliografy	014	passages	"	611.21
<sup>1</sup> Nansei islands, Japan	travel	915.2	pharynx	anatomy	611.3271
<sup>1</sup> Nantes	history	944.14	tonsils	"	611.326
	travels	914.414	Nasby, P. V.	Am. humor	817.42
	edict of		Naseberry		634.431
	French hist.	944.03	Nashville, Tenn.	U.S.civ.war	973.7379
	Huguenots	284.5	Nasmith societies		267.232
	persecutions	272.4	Naso-pharyngeal		
	relig. hist. France	274.4	space	diseases of	616.21
<sup>1</sup> Nantucket co. Mass.	hist.	974.49	<sup>1</sup> Nassau co. N. Y.	hist.	974.7245
	travel	917.449	poultry		636.538
<sup>1</sup> Napa co. Cal.	hist.	979.419	<sup>1</sup> Natal, Africa	history	968.4
Naphtha	chem. tech.	665.5	Natatores	birds	598.4
	domestic fuel	644.23	Natatoriums	architecture	725.74
Naphthalene	organ. chem.	547.28	Nates	anatomy	611.9812
<sup>1</sup> Napierville co. Que.	hist.	971.435		muscles	611.7381
Napkins	customs	394.1	Nation	political science	320.12
	dom. econ.	642.7	National		
<sup>1</sup> Naples, Italy	history	945.7	aid to education		379.12
<sup>1</sup> city, "	"	945.73	and state universities		378
	travel	914.573		policy	379.16
Napoleon			assembly 1789-92	Fr.hist.	944.041
1	Fr. hist. first consul.	944.046	1871	" "	944.08
"	" " emp.	944.05	ass'n Mex. war veterans		369.146
3	French history	944.07	naval veterans		369.157
	code law	349.442	bank, U. S.	U. S. hist.	973.41
Napoleonic			banks		332.11
period	Europ. history	940.27	cemeteries		719
wars	Ger. "	943.06	churches vs organ. unity		261.8
	Russ. "	947.07	conservation pol. econ.		339
	Scand. "	948.06	cookery		641.59
<sup>1</sup> Napoli, Italy	history	945.73	costumes		391
Narcotic habit		178.8	customs, special		390
	poisons therapeut.	615.96	decay	political science	320.159
Narcotics			det	finance	336.3
	action of hygiene	613.8	electric code		621.3281
	and stimulants ethics	178	flowers	heraldry	929.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>National</b>			<b>Natural</b>		
growth	political science	320.159	ventilation	mining	622.42
<b>libraries</b>		<b>027.5</b>	water courses, hygiene of		614.772
music		786.45	Naturalists	biografy	925.9
parks		711	Naturalization	suffrage	323.62
politics	England	329.942	<b>Nature</b>		<b>500</b>
	U. S.	<b>329</b>	law of	science	501
resources	conservation	339		sociology	340.1
school supervision		379.151	metaphysics		113
soldiers' cemeteries		719	of being	metaphysics	111
songs	music	784.4	respiration	animals	591.121
<b>Nationalities</b>			the state	pol. sci.	320.15
internal relations		323.1	printing		655.37
special education		371.98	study	biology	570.7
suffrage		324.15		elem. educ.	372.35
<b>Nationalization of land</b>		<b>333.1</b>		general	507
<b>Nations</b>			unity of	metaphysics	110
law of	internat. law	<b>341</b>		science	501
leag of	"	341.1	<b>Nautical astronomy</b>		<b>527</b>
origin of		901	surveying		526.99
rise of	Europ. history	940.11	<b>Naval</b>		
<b>Nativ American party</b>		<b>329.5</b>	and military order of		
elements	mineralogy	549.2	Spanish-Amer. war		369.183
<b>Natural</b>			architecture	engin'g	623.8
body	doctrinal theol.	233.5	artillery	military "	623.418
<b>boundaries</b>	pol. sci.	<b>320.1281</b>	battles		359
draft	steam engin'g	621.18382	see also	special countries	
drainage	mining	622.52	biografy		923.5
gas	chem. technology	662.6	<b>engineering</b>		<b>623.8</b>
	econom. geology	553.28	gunnery		623.553
	heating	697.6	history		359.09
history, biblical		220.85	Great war 1914-19		940.45
	<b>collectors handbks</b>	<b>579</b>	U.S. civil war		<b>973.75</b>
	museums	507	Mex. "		973.625
	<b>of countries</b>	<b>508.3</b>	<b>revolution</b>		<b>973.35</b>
	man	<b>573</b>	Span. war		973.895
	zoology	590	war of 1812		<b>973.525</b>
law	science	501	hygiene		613.68
	sociology	340.1	men, lives of		923.5
light	shadows	515.63	mounts	ordnance	623.434
<b>magic</b>		<b>133</b>	order of the U. S.		369.117
<b>philosofy</b>		<b>530</b>	see also	special countries	
<b>religion</b>		<b>210</b>	ordnance		623.416
resources	conservation	333	<b>registers</b>	foren	<b>354</b>
rights	political science	323.4		U. S.	353.7
rock fertilizers	agric.	631.851	schools		359.07
<b>science</b>		<b>500</b>	<b>science</b>		<b>359</b>
selection	evolution	575.4	<b>shipbilding</b>		<b>623.8</b>
	physiology	612.609	stations, U. S.		353.7
stone	bilding material	691.2	surgery		617.99
	engin'g "	620.132	surveying		526.99
system of botany		580.1	veterans, national ass'n		369.157
<b>theology</b>		<b>210</b>	war		359
			<sup>1</sup> Navarre	history	946.5

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index.

Navarre	travels	914.65	Negligée	toilet	646.47
Navew		635.127	Negro		
Navicular bones, carpal		611.71771	conditions in U. S.		325.26
	tarsal	611.71876	education		371.974
Naves		359	race	ethnology	572.96
Navigation				mentality	136.4
acts	Amer. revol.	973.3112		nat. hist. of man	573.5
aerial, <i>see</i>	Aerial navigation			political standing	324.15
astronomy		527	servants	dom. econ.	647.24
laws		347.7	slavery		326
outfit	shipbuilding	623.86	songs	music	784.7
signals in	communicat.	654.9	suffrage	pol. sci.	324.15
	physics	534.83		U. S. hist.	973.81
useful arts		656	troops	U. S. civ. war	973.7415
<sup>1</sup> Navigator islands	history	996.1	Negroes	Y. M. C. A.	267.365
Navigators' lives		923.9	Nehemiah	Bible	222.8
Navy			Neighborhood guilds		
administration		359		social clubs	367
cookery		641.573	<sup>1</sup> Nejd, Arabia	history	953.8
department, U. S.		353.7	Nelli, Pietro	Ital. satire	857.41
Neal, John	Am. fiction	813.26	Nematoda	parasit. dis.	616.965
	J. C.	817.31	Nemean games	Gk antiq.	913.38
Neap tides	earth	525.63	Neocene period	geology	551.782
Neapolitan sheep		636.35	Neodymium	chemistry	546.64
	swine	636.45	Néo-Grec	architecture	724.63
Nearsightedness	medicin	617.75	<b>Neolithic age</b>	prehis. arch.	571.2
Nearsightedness	schools	371.72	Neology	rationalism	211
Nebraska, U. S.			Neon	inorganic chem.	546.292
admission	U. S. hist.	973.81	Neoplasms		
<sup>1</sup> history		978.2	pathology		616.992
Kansas-, bill	U. S. hist.	973.66	physiology		612.6054
mil. hist.	U. S. civil war	973.7482	Neoplatonism		186.4
	Span. "	973.89482	Neoplatonists, apolog. ag'st		239.4
Nebulæ	astronomy	523.85	Neostyle	offis equipment	652
Nebular hypothesis	"	523.12	<sup>1</sup> Nepal	history	954.2
Necessity	metaphysics	123		travel	915.42
Neck			Nepal goat		636.39854
anatomy		611.93	<b>Nepenthaceæ</b>	botany	583.922
lymphatic glands	anat.	611.463	Nephrotomy	surgery	617.46
lymphatics of	"	611.4213	Nepos, Cornelius	Lat. his.	878.3
muscles	"	611.733	Nepotism	civil servis	351.1
surgery		617.53	Neptune	descrip. astron.	523.48
Necks	geology	551.88	Nernst lamps	elec. light	621.32653
Neckties	toilet	646.48	Nerv		
<b>Necrology</b>	biografy	920	cells	histology	611.01882
	colleges	378		physiology	612.822
Necromancers		133.4	centers		
Necroscopy		616.079	function in speech		612.7893
Necrosis	diseases	616.71	physiology		612.82
Nectarine		634.26	superior	reflexes	612.8338
Needle telegraf	commun.	654.3	fatigue	physiology	612.8166
	elec. eng.	621.38224	fibers	"	612.81
Needlework	art	746	roots, spinal	anat.	611.827
	dom. econ.	646.2			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Nerv**  
 waves rapidity 612.8165  
 theories 612.8162
- Nervous**  
 conductivity 612.8163  
 functions of animals 591.18  
   physiology 612.8  
 prostration 616.843  
 system  
   action  
     of glands on 612.407  
     on bloodvessels 612.181  
     cutaneous exhal. 612.7928  
     glands 612.408  
     intestin 612.338  
     liver 612.358  
     muscles 612.81  
     pancreas 612.348  
     stomach 612.328  
 and metabolism 612.01538  
   nitrogen excretion 612.461238  
 central physiology 612.82  
 comparativ anatomy 591.48  
 descriptiv anatomy 591.78  
 diseases of 616.8  
 drugs acting on 615.78  
 human anatomy 611.8  
   physiology 612.8  
 hygiene 613.8  
 pathology 616.8  
 surgical operations 617.48  
 sympathet. anatomy 611.839  
   physiol. 612.89  
 tissue histology 611.0188
- Nervs**  
 anatomy 611.83  
 diseases of 616.87  
 histology 611.01883  
 nutritiv influ. on muscle 612.7465  
 of skin, trofic physiol. 612.798  
 peripheral " 612.81  
 spinal anatomy 611.832
- Nestorian church** 281.8
- Nests**  
 birds zoology 598.2  
 breeding zootechny 636.082461  
 care of stock " 636.0831
- Netherland cattle** 636.2351
- <sup>1</sup>Netherlands history** 949.2  
 reform'n in 274.92  
 travels 914.92
- Nets** biology 579.612  
 toilet 645.48  
 zootechny 636.081111
- Netting, balloon** 629.161
- Nettlerash skin diseases** 616.51
- Neufchatel cheese** 637.3534
- Neural furrows anat.** 611.01351
- Neuralgia diseases** 616.87
- Neurasthenia "** 616.843
- Neurenteric canal embry.** 611.01336
- Neurilemma histology** 611.018833
- Neuritis diseases** 616.87
- Neuroglia histology** 611.01884
- Neurology**  
 morfology 591.48  
 organografy 591.78  
 physiologic zoology 591.18
- Neuroptera insects** 595.74  
 pests. 632.74
- Neuroses**  
 diseases 616.85  
 due to special poisons 616.86
- Neurotic**  
 poisons toxicology 615.95
- Neuters physiologic zool.** 591.162  
 zootechny 636.08233
- Neutrality**  
 international law 341.3  
 proclamation U. S. hist. 973.43
- Neutrals Great war** 940.335
- Nevada, U. S.**  
 acquisition Mex. war 973.621  
 admission U. S. hist. 973.71  
<sup>1</sup> history 979.3  
 mil. hist. Spanish war 973.89493  
 U. S. civil war 973.7493
- <sup>1</sup> co. Cal. hist. 979.437
- New**  
<sup>1</sup> Albany, Ind. history 977.219  
 Berne, N. C. U.S.civ.war 973.7362  
 books, cases for lib.econ. 022.482
- <sup>1</sup> Britain, Australa. hist. 993.6
- <sup>1</sup> Brunswick, Can. " 971.5
- <sup>1</sup> Brunswick, N. J. hist. 974.942
- <sup>1</sup> Caledonia, Australa. " 993.2
- <sup>1</sup> Castile, Spain " 946.4  
 travels 914.64
- church, Swedenborgian 289.4  
 biog. 922.84
- <sup>1</sup> England, U. S. history 974  
 campaign  
 1779 Amer. revol. 973.3351  
 war of 1812 973.5233  
 For military history of New  
 England or its individual  
 states, see subdivisions of  
 Special campaigns and Military  
 history under 973.3, 973.7  
 and 973.89

New		
Forest pony	636.1626	
<sup>1</sup> France, Canada	history 971	
	travels 917.1	
<sup>1</sup> Granada, S. A.	history 986	
<sup>1</sup> Guinea	" 995	
<sup>1</sup> Hampshire, U. S.	" 974.2	
	For military history see 973.3442, 971.7442 and 973.89442	
<sup>1</sup> Haven, city, Conn.	hist. 974.68	
<sup>1</sup>	co. Conn. " 974.67	
<sup>1</sup> Hebrides, Australia.	" 993.4	
<sup>1</sup> Holland, Australia	" 994	
<sup>1</sup> Ireland, Australia.	" 993.6	
<sup>1</sup> Jersey, U. S.	" 974.9	
	For military history, see sub- divisions of Special campaigns and Military history under 973.3, 973.7 and 973.89	
Jerusalem church	289.4	
Leicester swine	636.4244	
<sup>1</sup> London co. Ct.	history 974.65	
<sup>1</sup> Madrid co. Mo.	" 977.8985	
Market, Va.	U.S.civ.war 973.7369	
Mexican goat	636.3981	
Mexico, U. S.		
	discov. of America 973.16	
<sup>1</sup>	history 978.9	
	Kearny in Mex. war 973.6231	
	For military history, see sub- divisions of Special campaigns and Military history under 973.7 and 973.89	
Orleans, La.		
	battle U.S. war 1812 973.5239	
	capture civ. war 973.7321	
	exposition 606	
<sup>1</sup>	history 976.3	
	nav.hist. U.S.civ.war 973.752	
	travels 917.63	
Platonism	186	
Plymouth colony	hist. 974.4	
<sup>1</sup> River valley, W. Va.	" 975.47	
<sup>1</sup> South Wales	" 994.4	
<sup>1</sup> Sweden, Penn.	" 974.8	
Testament Bible	225	
Testament biography	225.92	
	Greek dialects 487.3	
thought	131	
year customs	394	
<sup>1</sup> York, U. S.	history 974.7	
	For military history of state, see subdivisions of Special campaigns and Military history under 973.3, 973.52, 973.7 and 973.89	
	travel 917.47	
	city Brit. occupa. 973.3323	
	evacuation 973.339	

New		
<sup>1</sup> York city	history 974.71	
	travels 917.471	
<sup>1</sup>	vicinage hist. 974.72	
	point system 655.38	
	soc. of 2d war w.Gt.Br. 369.144	
	Univ. of the State of 379.747	
<sup>1</sup> Zealand	history 993.1	
	hemp 633.572	
<sup>1</sup> Newark, N. J.	history 974.932	
<sup>1</sup>	O. " 977.1541	
<sup>1</sup> Newaygo co. Mich.	" 977.458	
Newborn		
	care of 618.6	
	nourishment of physiol. 612.3942	
	physiology 612.648	
Newburg		
	addresses Am. revol. 973.349	
	Washington's headquar. 973.367	
<sup>1</sup> Newcastle co. Del.	hist. 975.11	
<sup>1</sup> Newfoundland	" 971.8	
<sup>1</sup> Newport city, R. I.	hist. 974.57	
	travels 917.457	
<sup>1</sup>	co. R. I. hist. 974.56	
	French fleet at Amer. revol. 973.354	
Newspaper		
	cuttings preservation 029.3	
	directories 016.07	
	racks lib. econ. 022.935	
	reporting shorthand 653.044	
Newspapers		
	ethics 179.1	
	journalism 070	
	legislative supplies 328.364	
	library administration 025.1732	
	mutilation in libraries 024.84	
Newsrooms		
	free 027.9	
	library buildings 022.6332	
	location of branch 022.17	
Newt zoology	598.11	
<sup>1</sup> Newton co. Ind.	history 977.297	
<sup>1</sup>	Mo. " 977.873	
Newton's binomial theorem	512.4	
Ngami, lake	travel 916.76	
Niagara		
<sup>1</sup> co. N. Y.	history 974.798	
<sup>1</sup> Falls, N. Y.	" 974.799	
	Ft. capture war of 1812 973.5234	
Nibelungenlied	Ger. poet. 831.21	
Nicaragua		
	canal engineering 626.9	
	sociology 387	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Nicaragua  
<sup>1</sup> history 972.85  
 travel 917.285  
 Niccolini, G. Ital. drama 852.71  
<sup>1</sup>Nice history 944.94  
 travel 914.494  
 Nicene  
 Ante, church 100-325 281.3  
 councils religious hist. 270.2  
 creed 238.1  
 Post, church 325-1054 281.4  
 Nicholas 1 Russian hist. 947.07  
 2 " " 947.08  
<sup>1</sup>Nicholas co. W. Va. " 975.469  
 Nicholls C.. (Bronté) 823.81  
 Nickel  
 coinage pol. econ. 332.41  
 inorganic chemistry 546.74  
 ores economic geol. 553.48  
<sup>1</sup>Nicobar ilands history 992  
<sup>1</sup>Nicolet co. Que. " 971.455  
 Niellowork arch. decora. 729.64  
 Niembsch v. Streh'enau  
 Ger. poetry 831.76  
<sup>1</sup>Nièvre, France history 944.56  
 Niger river description 916.6  
 Night opening lib. econ. 024.34  
 soil air pollution 614.764  
 work labor'g classes 331.812  
 Nigretti sheep 636.365  
 Nihilism philosophy 149.8  
 socialism 335  
 Nile description 916.2  
 goat agriculture 636.39862  
<sup>1</sup>Nîmes history 944.83  
 travel 914.483  
 Nineteenth cent'y Eur. hist. 940.28  
 Ninety-six, Fort, S. C.  
 Amer. revol. 973.3373  
 Nineveh anc. history 935.2  
 cuneiform lang. 492.19  
<sup>4</sup> Ninth nerv anatomy 611.8319  
 physiology 612.8199  
 Niobium inorgan. chem. 546.89  
<sup>1</sup>Nipal, India history 954.2  
 travel 915.42  
<sup>1</sup>Nipissing dist. Ont. hist. 971.314  
 lake " travel 917.1314  
 Nipple anatomy 611.691  
 Nirvana oriental filosofy 181.4  
 Nisard, J. M. N. D. 844.77  
 Nissl's bodies histology 611.01882  
 Nitrates chem. tech. 661.6  
 fertilizers 631.842  
 mineralogy 549.72  
 Nitric acid chemic tech. 661.2  
 Nitrifying  
 crops agric. 631.8471  
 Nitrites depressants 615.716  
 Nitro-derivativ org. chem. 547.8  
 Nitrogen  
 assimilation physiol. 612.3922  
 compounds air pollution 614.727  
 in blood physiol. 612.125  
 urea " 612.4612  
 fertilizers agric. 631.84  
 group inorganic chem. 546.17  
 metabolism phys. chem. 612.01533  
 Nitrogenous  
 foods domestic econ. 641.12  
 substances nutrition 612.398  
 crystallizable  
 physiol. chem. 612.015347  
 Nitroglycerin chem. tech. 662.2  
 Nitrous oxid anesthetics 615.781  
<sup>1</sup>Nivernais, France history 944.56  
 draft horse 636.1545  
 Nobel prizes 378.32  
 Nobility heraldry 929.7  
 social classes 323.31  
 ethics 177.5  
<sup>1</sup>Noble co. Ind. history 977.276  
 1 O. " 977.195  
 Noble Leyczon, La  
 Provençal poetry 849.132  
 Nobles biography 923.2  
 education 371.962  
 Nocturne piano music 786.43  
<sup>1</sup>Nodaway co. Mo. history 977.812  
 Nodier, J. C. E. Fr. fiction 843.72  
 Nodose ganglion anat. 611.89191  
 Noise public helth 614.8  
 Nomads outcast races 397  
 Nomenclature  
 anatomy 611.0114  
 botany 580.1  
 physiology 612.0114  
 theoretic chemistry 541.9  
 Nominalism philosophy 149.1  
 Nominations suffrage 324.231  
 Nomsz, Jan Dutch drama 839.3245  
 Nonalkaloid anesthetics  
 physiol. psychology 612.82142  
 Nonautomatic actions  
 of animals comp. phys. 612.821311  
 Nonchristian  
 biography 922.9  
 religions 290  
 and education 377.9  
 Noncombatants Great war 940.3161

Noncondensing engines	621.11253	<sup>5</sup> Norse, old literature	839.6
Nonconformists		<b>Norsemen</b> <b>Scandin. hist.</b>	<b>948</b>
English religious hist.	274.2	North	
sects	283.42	<sup>1</sup> Africa <b>history</b>	<b>961</b>
Nondepolarized cells	621.3535	<b>America</b> <b>geografy</b>	<b>917</b>
Nondirigible		<b>geology</b>	<b>557</b>
aircraft aeronautics	629.151	<b>history</b>	<b>970</b>
NonEuclidean geometry	513.8	<b>languages</b>	<b>497</b>
Nonjurors Eng. relig. hist.	274.2	<b>statistics</b>	<b>317</b>
Nonmalignant tumors	616.993	<b>travels</b>	<b>917</b>
Nonmetallic		American turkey	636.5921
<b>elements</b> <b>chemistry</b>	<b>546.1</b>	<sup>1</sup> <b>Atlantic states U. S. hist.</b>	<b>974</b>
<b>poisons</b> <b>therapeutics</b>	<b>615.923</b>	<sup>1</sup> <b>Canada</b> " "	<b>971.2</b>
Nonnitrogenous substances		<sup>1</sup> <b>Carolina, U. S.</b> " "	<b>975.6</b>
foods dom. econ.	641.13	<b>travel</b>	<b>917.56</b>
metabolism nutrition	612.398197	<b>secession U. S. hist.</b>	<b>973.713</b>
physiol. chem.	612.015346	For military history, see sub-	
<b>urin constituents</b>	<b>612.4618</b>	divisions of Special campaigns	
Nonofficial drugs adulter.	614.352	and Military history under	
Nonrigid dirigibles	629.157	973.3, 973.52, 973.7 and	
Nonsphericity of planets	521.43	973.89	
Nonwoody fruit	634.77	<sup>1</sup> <b>Central states history</b>	<b>977</b>
<sup>1</sup> Nord, France history	944.28	<b>Dakota, U. S.</b>	
Nordenflycht, H. C.	839.7143	<b>admission U. S. hist.</b>	<b>973.86</b>
<sup>1</sup> Norfolk co. Eng. hist.	942.61	<b>history</b>	<b>978.4</b>
<sup>1</sup> Mass. " "	974.47	<b>mil. hist. Spanish war</b>	<b>973.89484</b>
<sup>1</sup> Ont. " "	971.336	<b>U. S. civ. war</b>	<b>973.7484</b>
Norfolk cattle	636.2265	<b>travels</b>	<b>917.84</b>
sheep	636.3235	Devon cattle	636.2261
turkey	636.5927	<b>cast, see</b> <b>Northeast</b>	
Noricum ancient "	939.85	<b>German confederation</b>	<b>943.081</b>
Norite Plutonic rocks	552.37	<b>Holland cattle</b>	<b>636.2351</b>
Normal labor obstetrics	618.44	<b>swine</b>	<b>636.433</b>
schools	370.73	<b>in U. S. civil war</b>	<b>973.741</b>
training agric.	630.775	For military history of the North	
Norman		or its individual states, see sub-	
architecture, English	723.42	divisions of Special campaigns	
French	723.44	and Military history under	
Sicilian	723.45	973.3, 973.52, 973.7 and 973.89	
cattle	636.2461	<b>pole travels</b>	<b>919.8</b>
conquest Eng. hist.	942.021	<b>sea physical geog.</b>	<b>551.461</b>
conquests Europ. hist.	940.14	<b>west, see</b> <b>Northwest</b>	
draft horse	636.1541	<sup>1</sup> Northampton co. Eng. hist.	942.55
swine	636.443	<sup>1</sup> Pa. " "	<b>974.822</b>
<sup>1</sup> Normandy, Fr. history	<b>944.2</b>	Northeast German sheep	636.3317
Norse " "	948.02	<b>ter. Can. hist.</b>	<b>971.28</b>
<b>Normans, England</b> " "	<b>942.02</b>	<sup>1</sup> Northeastern	
<sup>1</sup> Norrland, Sweden " "	948.8	<b>boundary U. S. hist.</b>	<b>973.57</b>
Norse		<b>treaty " "</b>	<b>973.58</b>
<b>discovery of America</b>	<b>973.13</b>	<b>passage</b>	<b>919.8</b>
<sup>4</sup> <b>language</b>	<b>439.8</b>	Northern	
<sup>5</sup> <b>literature</b>	<b>839.8</b>	<b>dewberry</b>	<b>634.7171</b>
<b>mythology</b>	<b>293</b>	<b>invasion Am. revol.</b>	<b>973.3366</b>
<sup>4</sup> <b>old, language</b>	<b>439.6</b>	<b>lights aurora borealis</b>	<b>523.59</b>
		<b>mythology</b>	<b>293</b>
		<b>Panhandle, W. Va. hist.</b>	<b>975.411</b>
		<b>travel</b>	<b>917.5411</b>

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Northern  
 papaw 634.418  
 prisons U. S. civ. war 973.772  
 Northmen in Am. U.S.hist. 973.13  
     Scand. history 948  
 Northumberland co.  
<sup>1</sup> Eng. history 942.82  
<sup>1</sup> N. B. " 971.521  
<sup>1</sup> Ont. " 971.356  
<sup>1</sup> Pa. " 974.831  
 Northwest  
 boundary, Ore. U.S.hist. 973.611  
     San Juan " 973.82  
 department of  
     1862 U. S. civ. war 973.7329  
     1863 " " " 973.7341  
 events in  
     1778-79 Amer. revol. 973.3348  
     1779 " " " 973.3358  
 passage travels 919.8  
 rebellion Can. hist. 971.054  
<sup>1</sup> Territories " " 971.2  
<sup>1</sup> territory U. S. " 977  
     travels 917.7  
 Norway  
 administration 354.481  
 botany 581.9481  
 finance 336.481  
<sup>1</sup> geology 554.81  
<sup>1</sup> history 948.1  
 maps 912.481  
 schools, public 379.481  
 statistics 314.81  
 travel 914.81  
 treaties 341.2481  
 union with Sweden hist. 948.06  
 other topics see table 1  
 Norwegian  
 haybox      cookery 641.588  
             kitchen 643.338  
<sup>4</sup> language 439.8  
<sup>5</sup> literature 839.8  
     Romanesque architecture 723.48  
 Nose  
 anatomy 611.21  
 diseases pathology 616.21  
 in speech physiology 612.7891  
 muscles anatomy 611.7323  
 physiology 612.2154  
 Nosology medicin 616.01  
 Nostrums state control 614.27  
 Nota, Alberto Ital. dram. 852.65  
 Notaries public law 347.96  
 Notation  
 abridged anal. geom. 516.52  
 arithmetic 511.2  
 for book sizes 025.3  
 music 781.2  
 system of lib. classificat. 025.4  
 theoretic chemistry 541.9  
 Notebooks liter. methods 029.4  
 Notes  
 personal shorthand 653.041  
 promissory pol. econ. 332.7  
 public and priv. " 332.5  
 Notion mental faculties 153.1  
 Notochord embryology 611.01341  
<sup>1</sup> Nottingham, Eng. history 942.52  
     travels 914.252  
<sup>1</sup> Notts, England history 942.52  
<sup>2</sup> Nouns Eng. syntax 425.5  
     forms etymol. 422.5  
     " morfol. 425.15  
<sup>1</sup> Nouvelle France history 971  
<sup>1</sup> Nova Scotia " 971.6  
 Novaculite lithology 552.45  
 Novel reading ethics 175.8  
     lib. econ. 028.4  
     writing 808.3  
 Novelists, English biog. 928.23  
 Novels  
 American civil war 973.793  
 English literature 823  
 Great war 1914-19 940.493  
 readers privileges 024.78  
 religious 244  
<sup>1</sup> Novgorod, Russia hist. 947.2  
 Novilatlin univ. lang. 408.9  
 Noxious  
 animals econ. zoology 591.65  
 gases air pollution 614.72  
 materials " " 614.75  
 plants econ. botany 581.65  
 vapors hygiene 613.62  
 Noxiousness  
 of animals, econ. zoology 591.65  
 Nozles steam turbin design 621.16533  
     theory 621.16513  
<sup>1</sup> Nubia, Egypt history 962.4  
 Nubian milk goat 636.3986  
     sheep 636.386  
 Nuciculture agric. 634.5  
 Nuck, canal of anatomy 611.6673  
 Nuclei, dentate " 611.81713  
     olivaris super. " 611.81713  
 Nucleoalbumins nutrit. 612.398136

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Nucleoproteids	nutrit.	612.3981451	Nurses		
Nucleus			American revolution	973.376	
caudatus	anatomy	611.81321	domestic servis	647.25	
motorius	"	611.81741	<b>Great war 1914-19</b>	<b>940.475</b>	
of cell	histology	611.01813	physiologic zoology	591.163	
	physiology	612.01422	training of	610.73	
Luys	anatomy	611.8141	U. S. civil war	973.776	
red	"	611.81544	<b>Nursing domestic econ.</b>	<b>649</b>	
tailed	"	611.81321	medicin	610.73	
Nude fowls		636.5882	Nusairian religion	297	
<b>Nudifloreeae</b>	<b>botany</b>	<b>584.6</b>	<b>Nut culture</b>	<b>634.5</b>	
<sup>1</sup> Nuevo Leon, Mex.	hist.	972.1	gatherers	631.3561	
Nuisances	law	347.5	Nutation	astron. correc.	522.96
	public helth	614.7		theoret. astron.	521.9
Nullification			Nutmeg	culture	633.834
in South Carolina		973.561		muskmelon	635.611
U. S. constitut. law		342.73	Nutrient arteries	anat.	611.1342
Number			<b>Nutriments</b>	<b>physiology</b>	<b>612.392</b>
accession	lib. econ.	025.243	Nutrition		
metaphysics		119	action of glands on		612.403
of library trustees		023.32	on glands		612.404
members legis. bodies		328.3349	of bones	physiology	612.752
<sup>2</sup> signs of	Eng. etymol.	422.5	muscles	"	612.7465
Numbering			plants	fertilizers	631.811
machines	library	025.244	<b>physiologic botany</b>		<b>581.13</b>
	offis	652	zoology		<b>591.13</b>
	printing	655.36	<b>physiology</b>		<b>612.39</b>
of pages	bookmaking	655.27	Nutritiv		
Numbers			baths	hygiene	613.23
book of	Bible	222.14	enemeta	"	613.23
prime	arithmetic	511.3	phenomena	physiol.	612.39
shelf	library econ.	025.8	Nutritory		
theory of	algebra	512.81	organs	comp. anat.	591.43
Numeration	arithmetic	511.2	descrip. "		591.73
<b>Numeric equations, higher</b>		<b>512.2</b>	<b>Nuts</b>	<b>agriculture</b>	<b>634.5</b>
Numidia	ancient history	939.72	dietetics		613.27
Numismatics		737	domestic econ.		641.3
<b>Nunneries</b>		<b>271.9</b>	harvesting		631.5561
<b>Nuns</b>		<b>271.9</b>	physiology		612.39272
cloisterd		271.96	Nux vomica	spin. poisons	615.97
<sup>1</sup> Nuremberg	history	943.32	Nyblom, K: R.	Swed. lit.	839.7466
	travels	914.332	Nyctagineæ	botany	583.911
Nurseries			Nyerup, R.	Danish essays	839.845
day		362.7	Nymphæaceæ	botany	583.118
Nursery					
catalogs	agriculture	631.5214			
domestic economy		649.1			
food	dom. econ.	649.3			
hygiene		613.22			
furniture	dom. economy	645.67			
lore	folklore	398.3			
rimes	folklore	398.3			

Oak	botany	583.976	Observatories		
	forestry	634.9	school apparatus	371.662	
Oakland city, Cal.	hist.	979.466	buildings	371.623	
<sup>1</sup>	co. Mich.	977.438	Observing		
Oases	physical geografy	551.58	chairs	astronomy	522.28
Oat grass	forage crops	633.265	powers	education	372.3
Oaths			Obsession	demoniac	133.4
ethics		179.5		spiritism	133.9
legal		347.94	Obsidian	lithology	552.23
of allegiance	pol. sci.	323.62	Obstetric operations		618.8
offis	legislativ bodies	328.361	Obstetrics	gynecology	618.2
Oats	agriculture	633.13	Obturator		
	botany	584.9	artery	anatomy	611.1375
	zootechny	636.08613	externus	"	611.73826
<sup>1</sup> Oaxaca, Mexico	history	972.7	internus	"	611.73817
Obadiah	Bible	224.91	Occipital		
Obedience	doctr. theology	234.6	artery	anatomy	611.13326
	family ethics	173.6	bone	"	611.7131
Obelisks	antiquities	913.32	glands of neck	"	611.4631
	monuments	718	lobe of brain	"	611.81315
Oberammergau pass'n play		792	Occipito-		
Obesity	diseases	616.39	atlantal joints	anatomy	611.7211
	physiology	612.3977	axial	"	611.7211
Obex	anatomy	611.8185	frontalis muscle	"	611.7322
Obituary addresses	biog.	920	Occult sciences		133
	serm.	252.9	Occultations		
Object glass	telescopes	522.24	and transits, astronomy	523.99	
	teaching	education	finding longitude	525.48	
Objectivis	microscopy	578.2	Occultism		133
Oblates	monast. orders	271.76	Occupation		
Obligations	soc. ethics	177.8	choice of		374.1
Oblique			territorial	pol. sci.	320.1263
arches	arch. construc.	721.42	therapeutics		615.851
muscles, abdom.	anat.	611.7363	Occupations		
of hed	"	611.7318	injurious	hygiene	613.6
perspectiv	descr. geom.	515.61	mortality in	pub. helth	614.146
projection	"	515.3	special diseases from		616
Obliquity of ecliptic		525.32	Ocean		
Oboe	musical instrum.	788.7	coast changes		551.36
Obrenovics swine		636.472	<sup>1</sup> co. N. J.	history	974.948
<sup>1</sup> O'Brien co. Ia.	history	977.714	currents	phys. geog.	551.47
Observation			exploration		910.4
errors	probabilities	519.6	geografy	maps	912
mental faculties		152	life	zoology	591.92
Observations	astronomy	524	liners	shipbiding	623.824
auxiliary		522.6	mails		383
of comets		523.69	Pond, Fla.	U. S. civ. war	973.7364
moon		523.39	telegraf	communication	654.5
planets		523.49		elec. engin'g	621.3828
stars		523.89	tides		525.6
sun		523.79	transportation	sociol.	387
Observatories			useful arts		656
astronomy		522.1			
meteorologic		551.5			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Ocean travels	910.4	Official	
<sup>1</sup> Oceana co. Mich. history	977.459	reporting shorthand	653.046
Oceania		residences architect.	725.17
ecclesiastic history	279	Official drugs adulterat.	614.351
geografy	919	Offis	
geology	559	and apartm't bldgs arch.	725.22
<sup>1</sup> history	990	bildings	725.23
statistics	319	bildings care of	647.962
swine	636.489	equipment and methods	651
travels	919	furnishings dom. econ.	645.64
Oceanica, <i>see</i> Oceania		groups blanket ballot	324.256
Oceanology phys. geog.	551.46	tenure of civil servis	351.4
Oceans physical geografy	551.46	training law educat.	340.7
Ochnaceæ botany	583.245	Officers	
<sup>1</sup> Oconto co. Wis. history	977.537	administrativ univ.	378.11
Octateuch Bible	222	army and navy lives	923.5
Octocorolla radiates	593.62	mil. sci.	355.33
Octroi local taxes	336.28	civil servis lives	923.5
Oculomoto nerv, <i>see</i> Third nerv		organization	351.1
external, <i>see</i> Sixth nerv		duties of public ethics	172.2
Od mind and body	134	gov't, legis. power over	328.345
Odd Fellows secret soc.	366.3	of legislativ bodies	328.362
Odel, Anders Swed. poetry	839.7144	presiding legis. bodies	328.3621
Odel shorthand	653.35	Offises	
<sup>1</sup> Odessa history	947.7	excise architecture	725.14
Odic force mind and body	134	post	725.16
Odontalgia dentistry	617.65	public	725.13
Odontografs mech. engin'g	621.831	record	725.15
Odontology		Offisholding	
animal compar. anat.	591.43	legislativ restrictions	328.349
descrip.	591.73	Offets plant culture	631.5321
human	611.314	Offspring hygiene	613.9
Odontornithes fossils	568	Ofthalmia eye diseases	617.71
Odylic force	134	Ofthalmic	
Œcumenical councils		artery anatomy	611.13332
ecclesiastic polity	262.5	nerv of Willis	611.83152
religious history	270.2	surgery	617.7
Oedema physiology	612.381	vein, inferior anat.	611.14516
Oehlenschläger, A. G.	839.8161	superior	611.14515
Oenotheras botany	583.445	Ofthalmology	
Oesophagus, <i>see</i> Esophagus		anatomy	611.84
Offal air pollution	614.763	diseases	617.7
Offensiv		physiology	612.84
animals econ. zoology	591.66	Ofthalmometer physiol.	612.84261
materials air pollution	614.75	Ofthalmoscope pathol.	617.7
Offertory alms	264.9	physiol.	612.84312
organ music	786.86	<sup>1</sup> Ogemaw co. Mich. history	977.475
sacred	783.23	Ogier, G. Dutch drama	839.3235
Office, <i>see</i> Offis		<sup>1</sup> Ogle co. Ill. history	977.332
Official		Ogres folklore	398.4
ballot suffrage	324.252	Ohio	
functions civ. ser. offisers	351.1	<sup>1</sup> co. Ind. history	977.212
register, U. S. civ. serv.	351.2	<sup>1</sup> W. Va.	975.414

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Ohio			
state			
admission U.S.hist.	973.46		
<b>history</b>	<b>977.1</b>		
	For military history, see		
	973.52471, 973.7471 and		
	973.89471		
travel	917.71		
valley description	917.7		
<b>W. Va. history</b>	<b>975.41</b>		
Ohmmeters elec. eng.	621.3742		
Oil			
animal chem. analysis	543.9		
technol.	665.2		
baths prac. chem.	542.46		
burning locomotivs	621.1331		
coal economic geology	553.28		
cooking by dom. econ.	641.583		
cookstoves " "	643.333		
domestic fuel " "	644.23		
engins mech. engin'g	621.4342		
feeders lubrication	621.89		
heaters dom. econ.	644.23		
lamps " "	644.32		
light " "	644.312		
light lib. bildings	022.751		
painting art	751		
<b>bilding</b>	<b>698.1</b>		
plants agriculture	633.85		
refining, mineral air pol.	614.724		
strainers lubrication	621.89		
surface road engin'g	625.75		
switches elec. eng.	621.31735		
tractors agriculture	631.3722		
Oilcloth manufactures	679		
Oilers shipbiding	623.826		
Oils			
adulterations	614.313		
essential chem. tech.	668.5		
fixt materia medica	615.34		
food constituents	641.14		
<b>manufacture</b>	<b>665</b>		
protectiv external agents	615.776		
vegetable agriculture	633.85		
chem. anal.	543.8		
tech.	665.3		
Ointments therapeutics	615.776		
<sup>1</sup> Oise, France history	944.35		
Oklahoma, U. S.			
<sup>1</sup> history	976.6		
opening U. S. hist.	973.86		
travels	917.66		
Okra	635.648		
Olacales botany	583.26		
Olacineæ botany	583.261		
Olai, Ericus Swed. poetry	839.7113		
Old			
age insurance pol. econ.	331.25		
mortality pub. helth	614.135		
pensions pol. econ.	331.25		
physiology	612.67		
therapeutics of	615.54		
<sup>4</sup> <b>Bactrian language</b>	<b>491.52</b>		
<sup>1</sup> Castile Spanish history	946.3		
travels	914.63		
catholic church	284.8		
<sup>4</sup> <b>Egyptian language</b>	<b>493.1</b>		
<sup>3</sup> English language	427.01		
French "	447.01		
gard, order	369.116		
Norfolk sheep	636.3235		
<sup>4</sup> <b>Norse language</b>	<b>439.6</b>		
literature	839.6		
<sup>4</sup> <b>Persian language</b>	<b>891.51</b>		
<sup>4</sup> <b>Prussian "</b>	<b>491.91</b>		
red sandstone geology	551.74		
<sup>4</sup> <b>Saxon language</b>	<b>439.2</b>		
literature	839.2		
school baptists	286.4		
<b>Testament</b>	<b>221</b>		
biografy	221.92		
<sup>1</sup> Oldenburg, Ger. history	943.52		
cattle	636.2344		
horse	636.143		
swine	636.434		
Oldham, John Eng. satire	827.45		
Oleaceæ botany	583.71		
Olefins organic chem.	547.22		
Olempe sheep	636.3468		
Oleomargarin			
adulterations	614.326		
chemic technology	664.3		
dairy	637.281		
Oleron, laws of admiralty	347.7		
Olfaction physiology	612.86		
psychology	152.3		
Olfactory			
bulb anatomy	611.8133		
nerv "	611.8311		
physiology	612.8191		
organs anatomy	611.86		
<b>physiology</b>	<b>612.86</b>		
tract anatomy	611.8133		
Oligarchy polit. science	321.5		
Oligocene period geology	551.781		
Olivary			
bodies anatomy	611.8183		
body, nucleus of superior	611.81777		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Oliv oil	chemic technol.	665.3	Oordoo language	491.43
Olivs	agriculture	634.63	Oosporeæ	algæ 589.5
Olona	fiber crops	633.565		fungi 589.24
<sup>1</sup> Olonetz	Russian history	947.2	Ooze	lithology 552.54
Olozaga, Salustiano de			Opal	economic geology 553.8
	Span. oratory	865.51	Open	
Oltmans, J. F.	Dutch fic.	839.3353	air schools	371.718
Olufsen, O. K.	Dan. dram.	839.8257	arc elec. lighting	621.32542
Olustee, Fla.	U.S.civ.war	973.7364	channels hydraulics	532.54
Olympiads	chronology	529.3	circuit cells elec. eng.	621.3535
Olympic games	Gk antiq.	913.38	reference shelvs lib. econ.	024.55
<sup>1</sup> Oman, Arabia	history	953.5	shelvs lib. econ.	024.56
	travel	915.35	voting suffrage	324.244
Omjayyads	Span. hist.	946.02	workings mining	622.31
Omens	occultism	133.3	Opening, Sunday	
Omentum	anatomy	611.382	libraries	024.4
	diseases of	616.38	and museums	263.7
	physiology	612.339	Openings	
Ommiads	Span. hist.	946.02	in roofs arch. construc.	721.55
Omnibus			streets sewerage	628.231
bill	U. S. history	973.63	Opequon, Va. battle	
riders	special legislation	328.376	U. S. civil war	973.7377
Omnigraf	engraving	760	Opera	
Omnipotence	doct. theol.	231.4	amusement	792
Omnipresence	" "	231.4	bouffe dramatic music	782.7
Omniscience	" "	231.4	dramatic music	782
Omohyoid muscle	anat.	611.7333	ethics	175.2
Omphalomesenteric			houses architecture	725.82
artery	anatomy	611.1364	recitative vocal music	784.2
vein	"	611.1497	Operations, calculus of	517.7
Onagraricæ	botany	583.445	Operativ surgery	617.9
Oneida			Operculum	anatomy 611.81319
community	socialism	335.973	Operetta	music 782.8
<sup>1</sup> co. N. Y.	history	974.762	Ophicleide	" 788.45
<sup>1</sup> Wis.	history	977.525	Ophidia	reptils 598.12
indians		970.3	Ophiomorpha	fishes 597.7
Oneman farm		631.1163	Ophiuridea	zoology 593.94
Oneway plow		631.3124	Ophthalmia	eye diseases 617.71
Ongtischaf		636.385	Ophthalmic, see	Ophthalmic
Onions	agriculture	635.25	Ophthalmology, see	Ophthalmology
<sup>1</sup> Onondaga co. N. Y.	hist.	974.765	Ophthalmometer	physiol. 612.84261
	indians	970.3	Ophthalmoscope	pathol. 617.7
<sup>1</sup> Ontario, Canada	history	971.3		physiol. 612.84312
<sup>1</sup> co. N. Y.	"	974.786	Opitz v. Boberfeld	Ger.poet.831.51
<sup>1</sup> Ont.	"	971.355	Opium	
Ontogeny	anatomy	611.013	agriculture	633.75
	zoology	591.3	analgesics	615.783
Ontology	philosofy	111	habit ethics	178.8
Ontonagon co. Mich.	hist.	977.498	hygiene	613.82
Onychophora	articulates	595.5	narcotic poisons	615.961
Oolite	geology	551.76	traffic ethics	178.8
	lithology	552.56	war, 1840-42	Chinese hist.951
Oology	ornithology	598.2	Opossums	mammals 599.2



- Opothepy  
 therapeutics 615.36  
 hepatic physiology 612.35161
- Oppian Greek poetry 883.4
- Opposition  
 of good and evil heresy 273.2
- Oppositions solar system 523.23
- Opsonic theory  
 physiology 612.118223
- Optic  
 chiasm anatomy 611.8144  
 crystallografy 548.9  
 disc anatomy 611.843  
 illusions physiology 612.84374  
 lobes " 612.8265  
 nerv anatomy 611.8312  
 eye diseases 617.73  
 physiol. of eye 612.843  
 nervs " " nervs 612.8192  
 perceptions physiol. 612.84372  
 thalamus anatomy 611.8147  
 physiology 612.8261  
 tract anatomy 611.8144
- Optics physics 535  
 physiology 612.84
- Optimism philosophy 149.5
- Optional  
 studies curriculum 375.0014  
 vaccination pub. helth 614.4739
- Opostriate body physiol. 612.8261
- Orach 635.43
- Oracles mind and body 133.3
- Oral  
 examinations educat'n 371.27  
 instruction " 371.33  
 pharynx anatomy 611.3272
- Orange  
 associations polit. soc. 363  
 1 city, N. J. history 974.933  
 1 co. Cal. " 979.496  
 1 Ind. " 977.227  
 1 N. Y. " 974.731  
 1 Vt. " 974.36  
 family agriculture 634.3  
 1 Free State history 968.5
- Orangemen polit. ass'ns 363
- Oranges fruit culture 634.31
- \*Orations Eng. literature 825.3
- Oratoric clubs educ. 374.24
- Oratorios sacred music 783.3
- Orators, English biography 928.25
- Oratory 808.5  
 sacred homiletics 251
- Orbicular muscles of eye 611.7325
- Orbicularis oris 611.7326
- Orbit  
 of comets astronomy 523.63  
 earth " 525.3  
 eye, etc. diseases 617.78  
 moon astronomy 523.33
- Orbits  
 of eyes anatomy 611.7146  
 heavenly bodies 521.3  
 plane of, in space astron. 521.21  
 position of, in plane " 521.22
- Orcaides, Scot. history 941.12
- Orchard disk harrow 631.3138  
 grass forage crops 633.22
- Orcharding agriculture 634
- Orchards agriculture 634
- Orchestral music 785  
 sacred music 783.1
- Orchestrion music 789.7
- Orchids  
 botany 584.15  
 fertilization of, botany 581.16  
 gardening 716.2
- Orchitic fluid physiol. 612.616
- Ordeal, trial by law 340.3
- Order  
 department lib. econ. 025.23  
 of founders and patriots  
 of America 369.125  
 studies curriculum 375.0011  
 the Old gard 369.116  
 public administration 351.75
- Orders  
 holy ministry 262.16  
 sacraments 265.4  
 in council, 1807-8 Eng. hist. 942.073  
 the ministry eccles. pol. 262.16  
 monastic 271  
 of architecture 729.32  
 knighthood heraldry 929.71  
 social pol. sci. 323.3
- Ordinal Anglican ritual 264.037
- Ordinance of 1787 973.318
- Ordinances Anglican rit. 264.035  
 city local gov't 352  
 local lib. " 023.1  
 religious 265
- Ordination eccles. polity 262.16  
 sacraments 265.4  
 sermons 252.7
- Ordinance mil. engin'g 623.4  
 stores, care of 623.48
- Ordo anomalus botany 583.899
- Ordo language 491.43

<b>Ore</b>			
cars mining engin'g	622.63		
concentrators min. eng.	622.75		
deposits econ. geol.	553.1		
dressing mining eng.	622.7		
sampling assaying	669.9		
<b>Oregon, U. S.</b>			
admission U. S. history	973.68		
boundary " "	973.611		
<sup>1</sup> history	979.5		
mil. hist. U. S. civil war	973.7495		
Span. war	973.89495		
question U. S. hist.	973.5		
travel	917.95		
<sup>1</sup> Oregon co. Mo. history	977.8875		
<b>Ores</b>			
chemic analysis	543.6		
iron econom. geology	553.3		
metallurgy	669		
mineralogy	549		
mining	622		
non-iron econ. geol.	553.4		
Orford, H. Walpole Eng. let.	826.61		
<b>Organ</b>			
building	786.6		
cabinet	786.9		
music	786.8		
musical instrument	786.5		
of Corti anatomy	611.8522		
physiology	612.8584		
sacred music	783.1		
<b>Organa lateralia anat.</b>	611.889		
<b>Organic</b>			
and inorganic matter	577.1		
chemic industries	660		
chemistry	547		
chemistry of soil	631.417		
drugs materia medica	615.3		
liquids physical chem.	541.327		
material zoology	591.137		
products chem. analysis	543.8		
remains paleontology	560		
<b>Organisms, physiology of</b>	612.014		
<b>Organization</b>			
central gov. foren states	354		
U. S.	353		
city local gov't	352.004		
civil servis	351.1		
cooperation	334.1		
courts law	347.97		
engineering works	621.704		
internal legis. bodies	328.36		
laboring classes	331.87		
military forces	355.3		
<b>Organization</b>			
party suffrage	324.233		
schools education	371.2		
<b>Organizations</b>			
labor pol. econ.	331.88		
library propaganda	021.77		
<sup>2</sup> special purposes, see subject			
<b>Organografy botany</b>	581.7		
zoology	591.7		
<b>Organs</b>			
embryonic, human	611.013		
of generation anatomy	611.6		
comp. anat.	591.46		
descr. "	591.76		
overuse of hygiene	613.65		
<b>Oriels architectural design</b>	729.38		
<b>Oriental</b>			
architecture	722		
art	709.5		
churches	281.5		
customs	915		
frils pigeons	636.59634		
history	950		
horses	636.11		
languages	490		
literature	890		
music theory	781.7		
mythology	291		
philosofers biograpy	921.9		
philosofy	181		
question Turkey	949.6		
raspberries	634.715		
religions	290		
societies	490.6		
theologians biograpy	922.1		
<b>Orientalia literature</b>	890		
<b>Orientalis dom. servis</b>	647.24		
education	371.976		
<b>Orientation</b>			
ecclesiology	246.1		
sense of physiology	612.8861		
<b>Orifises hydraulics</b>	532.52		
<b>Origen early Chris. philos.</b>	189.2		
<b>Origin of</b>			
English language	422.1		
evil natural theology	216		
individ. soul metaphys.	129		
knowledge "	121		
language	401		
life	576		
man nat. hist. of man	573.2		
printing	655.11		
religious belief	201		
sexes evolution	575.9		

- Origin of  
 species " 575.8  
 speech philology 401  
 state political science 320.11
- Original  
 home of man ethnology 572.4  
 sin doctrinal theology 233.2
- Orinoco river travel 918.7
- Oriskany Amer. revolution 973.3334
- <sup>1</sup>Orissa, India history 954.1  
<sup>4</sup> language 491.45
- Orkney sheep 636.3258
- <sup>1</sup>Orkneys, Scotland history 941.12
- Orléans, C: duc d' Fr. poet. 841.22
- <sup>1</sup>Orléans France history 944.5  
 house of Fr. " 944.063  
<sup>1</sup> Ile d', Que. " 971.448  
<sup>1</sup>Orleans co. N. Y. " 974.791  
<sup>1</sup> Vt. " 974.32
- Ormin Eng. poetry 821.12
- Ornament  
 carvd arch. decorat'n 729.5  
 painted " " 729.4
- Ornamental  
 botany 716  
 design 745  
 gardening, landscape 710  
 joinery carpentry 694.7  
 plasterwork masonry 693.63
- Ornaments  
 costume 391.7  
 domestic economy 645.5  
 prehistoric 571.7  
 toilet 646.48
- <sup>1</sup>Orne, France history 944.23
- Ornithology** 598.2
- Ornithopters aeronautics 629.177
- Orobanchaceæ botany 583.821
- Orology physical geog. 551.43
- Orphan asylums  
 architecture 725.57  
 institutions 362.7  
 U. S. civ. war 973.7772
- Orphic poems Gk epics 883.5
- Orpington poultry 636.524
- Orrery astronomy 523.28
- Orris perfume plants 633.815
- Orthodox church Greek 281.9
- Orthodoxy heresies 273
- Orthoepy  
 compar. philol. 411
- <sup>2</sup> English language 421.5
- Orthografic projections 515.51
- <sup>2</sup>Orthografy Eng. lang. 421
- Orthomorphic projec. geod. 526.82
- Orthopedic  
 appliances surgery 617.92  
 surgery 617.3
- Orthoptera agriculture 632.72  
 zoology 595.72
- Orthopters aeronautics 629.177
- Oryctology paleontology** 560
- Oryzae forage crops 633.284
- Os, dilatation obstetrics 618.84
- <sup>1</sup>Osage co. Mo. history 977.858
- <sup>1</sup>Osceola co. Ia. history 977.7116  
<sup>1</sup> Mich. " 977.469
- Oscillating  
 marine engines 621.1225  
 steam " 621.11225
- Oscillations of earth's crust 551.24
- Oscillograps elec. eng. 621.3747
- <sup>1</sup>Oscoda co. Mich. history 977.478
- Osculation calculus 517.24
- <sup>1</sup>Oshkosh, Wis. history 977.565
- Osier fiber crops 633.588
- Osmium  
 filaments elec. lighting 621.32644  
 inorganic chemistry 546.94
- Osiose of liquids 532.7
- Osmosis  
 absorption physiology 612.382  
 mesology 612.0144621  
 theoretic chemistry 541.341
- Osmotic  
 permeability of blood 612.11117  
 pressure of blood 612.11811
- Osseous labyrinth anat. 611.853
- <sup>4</sup>Ossetic language 491.56
- Ossian Eng. literature 821.66
- Ossoli, M. (Fuller) d' 814.31
- Ostend manifesto U.S.hist. 973.66
- Osteology  
 animal descriptiv 591.79  
 comparativ 591.49  
 human anatomy 611.71
- Osteopathy therapeutics 615.82
- Ostracism Gk antiqui. 913.38
- Ostracoda articulates 595.33
- Ostrich  
 farms agriculture 636.611  
 zoology 598.5
- <sup>1</sup>Oswego co. N. Y. history 974.767
- <sup>1</sup>Otaheite history 996.2  
 travel 919.62  
 apple, sweet 634.442  
 gooseberry 634.666
- Otfried German poetry 831.12

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Otic ganglion	anat.	611.89156	Ovariectomy	surgery	617.46
Otocysts	physiology	612.85876	Overcoats	dom. econ.	646.45
Otoliths,	see Earstones		Overcrowding	curriculum	375.006
Otology			Overfalls	hydraulics	532.53
anatomy	of ear	611.85	Overflows	sewer appurten.	628.258
diseases	"	617.8	Overhanding	dom. econ.	646.21
physiology	"	612.85	Overhed		
<sup>1</sup> Otsego co. Mich.	hist.	977.484	lines	elec. transmission	621.31922
<sup>1</sup> N. Y.	"	974.774	wire	" traction	621.3322
<sup>1</sup> Ottawa city, Ont.	"	971.384	Overhours	hygiene	613.61
<sup>1</sup> co. Mich.	"	977.415	Overlegislation	pol. sci.	328.241
<sup>1</sup> O.	"	977.121	Overmantels	fixt furniture	729.95
<sup>1</sup> Que.	"	971.422	Overshot wheels	mech. eng.	621.22
Otto 1	German history	943.022	Overskou, T:	Danish dram.	839.8264
2	"	943.022	Overstrain		
3	"	943.022	effect on library servis		023.644
4	"	943.025	staff		023.643
Otto cycle	gas engins	621.4321	physical	hygiene	613.73
<sup>1</sup> Ottoman empire	history	949.6	Overstudy	school hygiene	371.71
<sup>1</sup> Ottumwa, Ia.	"	977.7931	Overtime work	lib. econ.	023.64
Otway, T:	Eng. drama	822.45	polit. econ.		331.814
Oudaan, Joachim	Dut. "	839.3236	Overture	orchestral music	785.5
<sup>1</sup> Oudh, India	history	954.2	Overuse of organs	hygiene	613.65
<sup>1</sup> Outagamie co. Wis.	"	977.539	Overwork		
Outbildings	architecture	728.9	hygiene		613.61
Outcast races		397	mental	mental hygiene	131
Outcrop	geology	551.85	Ovid	Latin poetry	871.2
Outdoor			Ovogenesis	embryology	611.01316
cookery		641.578	Ovulation	physiology	612.62
garments	dom. econ.	646.45	Ovum		
relief	charity	361	embryology		611.01315
pauperism		339	capsule of	anatomy	611.6512
servis	dom. econ.	647.3	pathology of	pregnancy	618.32
sports		796	physiology		612.622
Outer house	garments	646.43	removal	obstetric oper.	618.88
Outfall sewerage system		628.217	<sup>1</sup> Owen co. Ind.	history	977.243
sewers		628.27	<sup>1</sup> sound, Ont.	"	971.318
Outfit, ship		623.86	Owls	pigeons	636.59622
Outlawry	criminal law	343	Owners		
<sup>2</sup> Outlines, compends,	see subj.		absentee and alien		333.4
Outlining	drawing	741	liability of	bilding	692.9
Outlooks	landsc. garden'g	717	Ownership		
Outposts	military science	355.41	land	pol. econ.	333
Outward flow	turbins	621.243	marks	lib. "	025.25
Outworks	fortifications	623.117	zootechny		636.0812
Ouvroirs			municipal		352.5
wages	economics	331.53	Oxalate of cerium	therap.	615.735
Ovarian			Oxalates	mineralogy	549.79
artery	anat.	611.1369	Oxenstjerna, J.G.	Swed. lit.	839.7154
castration,	physiol. effects	612.6211	<sup>1</sup> Oxford, England	history	942.57
veins	anatomy	611.1467	travels		914.257
Ovaries	anatomy	611.65	<sup>1</sup> co. Me.	history	974.17
gynecology		618.11	travels		917.417
physiology		612.621	<sup>1</sup> Ont.	history	971.346

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Oxford movement	283	Pacchioni's glands	anat.	611.8193
sheep	636.3234	Pacer, American		636.128
university	378.42	Pachyderms	zoology	599.6
Oxids	mineralogy	549.5	Pacific	
theoretic chem.	541.4	coast	U. S. civ. war	973.7389
Oxydants	physiol. chem.	612.01511	dewberry	634.7173
Oxygen			<sup>1</sup> islands, Polynesia	hist. 996
chemistry	546.21		travel	919.6
compounds	mineralogy	549.5	ocean, discov.	U.S.hist. 973.16
group	inorganic chem.	546.2	phys. geografy	551.465
in blood	physiol.	612.1272	<sup>1</sup> slope, U. S.	history 979
mesology	612.014464		<sup>1</sup> states	" " 979
muscular consump. of	612.74422		war of	Chile history 983
Oxyhemoglobin	physiol.	612.11111	Pacifists	Great war 940.3162
Oxyntic glands, stomach	611.33	Pack horse		636.15
Oxytocics	therapeutics	615.766	mules	636.183
Oyster plant	635.1634	Packers	agriculture	631.3644
Oysters			library employees	023.795
cookery	dom. econ.	641.6	Packing	
fisheries	639.4		appliances for agric.	631.364
food	dom. econ.	641.3	butter business	637.2351
fossils	564.1		cheese	" 637.3351
fresh	pub. helth	614.317	farm expenses	631.177
preservation	chem. tech.	664.9	of crops	631.564
dom. econ.	641.4		voltaic cells	621.3524
preservd	pub. helth	614.319	Packs	farm transport 631.3732
zoology	594.1	Paddlewheels	shipbilding	623.87
<sup>1</sup> Ozark co. Mo.	history	977.8835	Paddock lectures	apologet. 239.05
<sup>1</sup> Ozaukee co. Wis.	history	977.592	Padins	fruit culture 634.24
Ozocerite	economic geol.	553.27	Padouse fowls	636.552
Ozone	chemistry	546.21	<sup>1</sup> Padua, Italy	history 945.3
hygiene	613.16		travel	914.53
			Paduan fowls	636.552
			sheep	636.35
			Pædiatrics	medicin 618.9
			Pædogensis	zoology 591.163
			Pagan architecture	722
			Paganism	290
			<sup>1</sup> Page co. Ia.	history 977.778
			Page size	newspapers 070.321
			Pageants	
			dramatic	customs 394.2
			scenario writ'g	808.2
			theater	792
			processional	amusem'ts 791
			customs	394.5
			Pages	
			legislativ bodies	328.3625
			library staff	023.78
			numbering of	printing 655.27
			Paging machines	" 655.36
			Paidology	136.7
			Pail system	sanitation 628.42
			Pailleron, E'	Fr. drama 842.87

Pain sense	physiology	612.884	<b>Pallium</b>	anatomy	611.8131
Painless extinction				sacred ornam.	247.6
of animal life		614.971	<b>Palm, J. H. van der</b>		839.3451
Paint, prehistoric		571.72	<b>Palm muscles</b>	anatomy	611.7377
Painted decoration	arch.	729.4	sugar plants		633.65
Painters	biografy	927.5	<b>family fruit culture</b>		634.6
colic		615.928	istle		633.5772
Painting			<b>Palmaceous fruits</b>		634.6
fine art		750	<b>Palmæ</b>	botany	584.5
house, sign, etc.		698.1	<b>Palmaris brevis</b>	anatomy	611.73772
porcelain		738	longus	"	611.73752
Paintings			<b>Palmieri, M.</b>	Ital. essays	854.22
collections of		708	<b>Palmistry</b>	magic	133.6
engravings from		750	<b>Palmists</b>	biografy	920.9
Paints	chem. technol.	667.6	<b>Palms</b>	botany	584.5
painting		751	horticulture		716.1
Pairing	legislativ procedure	328.375	<b>Palmyra</b>	ancient history	939.43
<b>Palaces</b>	architecture	728.3	<b>Palo Alto, battle</b>	Mex.war.	973.6234
of rulers	"	725.17	<sup>1</sup>	co. Ia. history	977.7155
peace	"	725.12	<b>Palpebrae</b>	anatomy	611.847
<b>Palæ-</b>	see Pale-		<b>Palpebral apparatus</b>	sight	612.847
<b>Palate</b>			<b>Palsy,</b>	see Paralysis	
anatomy		611.315	<b>Paludan-Müller, F.</b>	Dan.poet	839.8167
bone	anatomy	611.7162	<b>Pamflets</b>		
muscles	"	611.73276	cases for	lib. econ.	025.8
soft, in speech	physiol.	612.7892	<b>miscellaneous collections</b>		040
Palatinate			preservation of		025.4
<sup>1</sup> Upper, Germany	hist.	943.34	special library material		025.172
war of	U. S. history	973.25	on s; ecial topics	see subject	
Pale blueberry		634.736	<b>Pamirs</b>		958.6
<b>Paleobotany</b>		561	<b>Pamphlets,</b>	see Pamflets	
<b>Paleografy</b>			<b>Pamphylia</b>	ancient hist.	939.29
<sup>3</sup> English language		421.7	<b>Pampiniform plexus</b>		611.1466
inscriptions		417	<b>Panaetius</b>	Greek philos.	188.4
<b>Paleolithic age</b>	prehist.arch.	571.1	<b>Panama</b>		
<b>Paleontologic</b>	anatomy	611.016	congress	U. S. history	973.55
<b>Paleontologists</b>	biografy	925.6	hat fiber		633.584
<b>Paleontology</b>		560	<sup>1</sup> history		986
<b>Paleozoic</b>			<b>Pananti, Filippo</b>	Ital.satire	857.67
period	geology	551.72	<b>Pancreas</b>	anatomy	611.37
<sup>1</sup> Palermo	history	945.8	diseases of		616.37
travels		914.58	physiology		612.34
<b>Palestine</b>	ancient history	933	<b>Pancreatic</b>		
<sup>1</sup>	modern "	956.9	artery	anatomy	611.13642
pre-Judaic hist.		939.45	duct	"	611.373
travels		915.69	juice	physiology	612.34
<b>Palaestrina</b>	sacred music	783.4	secretions	animals	591.143
<b>Palfrey</b>	horse	636.13	<b>Pancreatico-duodenal artery</b>		
<b>*Pali language</b>		491.3	inferior	anatomy	611.13651
<b>Palimpsests</b>	rare mss.	091	superior	"	611.13641
<b>Palingensis</b>	metaphys.	129.4	<b>Pancreatin</b>	aids to digest.	615.7342
<b>Palisades</b>	fortifications	623.117	<b>Pandaneæ</b>	botany	584.61
<b>Palladium</b>	inorgan. chem.	546.98	<b>Pandects</b>	Roman law	349.375
<b>Palladius</b>	Danish misc.	839.8824	<b>Paneld construction</b>		
			carpentry		694.5

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Panels</b>	
carvd arch. decoration	729.56
central elec. station	621.3172
local electric lighting	621.3283
painted arch. decorat.	729.46
<b>Panhandle</b>	
<sup>1</sup> Eastern W. Va. history	975.49
travel	917.549
<sup>1</sup> Northern history	975.411
<b>Panic</b>	
financial 1837 U.S.hist.	973.57
1873 " "	973.82
grass cereals	633.172
Panicææ forage crops	633.283
<b>Panics</b>	
commercial money	332
production	338
trade	381
<sup>4</sup> Panjabi language	491.42
Pannonia ancient hist.	939.86
Panopticon prison syst.	365
Panoramas amusements	791
painting	750
<b>Pantheism</b>	
nat. theology	212
philosofy	147
Pantheon architecture	722.7
Panthers zoology	599.7
Pantografs elec. traction	621.33472
Pantomimes drama	792
music	782.9
Pantries dom. economy	643.47
Panzacchi, E. Ital. essays	854.88
Paoli Amer. revolution	973.3336
Papacy eccles. polity	262.13
Papal bulls eccles. polity	262
conclaves " "	262.13
infallibility " "	262.13
<sup>1</sup> states, Italy hist.	945.6
supremacy, Ital. "	945.03
Papaver	633.75
Papaveracæ botany	583.122
Papaw, melon	634.651
northern	634.418
<b>Paper</b>	
covers library books	025.7
domestic economy	646.182
engineering materials	620.197
hanging trade	608.6
in books publishing	655.53
manufacture	676
materials fibers	633.59
mills architecture	725.46
money	332.5
roofing bilding	695.7

<sup>2</sup> Papers on spec. topics, see subjects	
<b>Paphlagonia</b>	
ancient hist.	939.31
antiquities	913.3931
<b>Paprika</b>	
	633.842
<sup>1</sup> Papua history	
	995
<b>Papuan swine</b>	
	636.489
<b>Papular affections of skin</b>	
	616.51
<b>Papyrus manuscripts</b>	
	091
<sup>5</sup> Parables	
English liter.	828
New Testament	226.8
<b>Parabola</b>	
analytic geom.	516.25
geometry	513.25
<b>Paraboloid anal. geom.</b>	
	516.45
<b>Parabosco, G. Ital. fiction</b>	
	853.45
<b>Paraceles anatomy</b>	
	611.8138
<b>Paracelsus medieval philos.</b>	
	189.5
<b>Paracentral lobule anat.</b>	
	611.81316
<b>Parachutes</b>	
aeronautics	629.167
<b>Paradidymis anat.</b>	
	611.633
<b>Paradise</b>	
garden of Eden	
Bible geog.	220.91
Genesis	222.11
primitiv home of race	572.4
theology	236.6
<b>Paradisi, A. Ital. poetry</b>	
	851.61
<b>Paraffin chem. technol.</b>	
	665.4
<b>Paraffining bldg material</b>	
	691.2
<b>Paraffins organic chem.</b>	
	547.21
<sup>1</sup> Paraguay history	
	989
travel	918.9
tea agric.	633.77
<b>Parallax, lunar astronomy</b>	
	523.31
practical "	522.91
solar "	523.92
stellar "	523.81
terrestrial "	525.16
<b>Parallel</b>	
courses education	375.0013
forces physics	531.24
lines geometry	513.13
perspectiv descr. geom.	515.61
planes geometry	513.33
<b>Parallelism Scripture</b>	
	220.88
<b>Parallels Gospels</b>	
	226.1
siege works	623.23
<b>Paralysis</b>	
diseases	616.842
facial physiology	612.81978
infantil diseases	616.83
public health	614.54
surgery	617.48

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Parasites			
<b>animal diseases</b>		<b>616.961</b>	
of animals animal hyg.		614.92	
pathology of animals		591.2	
plants		581.23	
vegetable diseases		616.969	
Parasitic			
animals		591.69	
diseases dermatology		616.57	
<b>pathology</b>		<b>616.96</b>	
public helth		614.55	
plants botany		581.69	
pests		632.5	
Parathyroids anatomy		611.447	
physiology		612.442	
Parcel post postoffis		383	
Parchment manuf.		676	
Pardoning			
power law		343.2	
Parenchyma anatomy		611.665	
Parenchymatous absorption			
physiology		612.388	
Parent and child law		347.6	
Parents ethics		173.5	
and teachers		371.103	
choice of zootechny		636.08244	
Parian chronicle			
Arundel marbles		481.7	
Greek history		938	
Parietal			
bone anatomy		611.7154	
lobe of brain "		611.81312	
Parietales botany		583.12	
Parieto-occipital fissure			
anatomy		611.81315	
Paring plow		631.3125	
Parini, Giuseppe Ital. satire		857.64	
<sup>1</sup> Paris, France history		944.36	
travel		914.436	
congress of, 1856		341.1	
expositions		606	
peace of U. S. history		973.26	
treaty, U. S. war w. Spain		973.89	
Parish			
care of sick, fallen, etc.		258	
ecclesiastic polity		262.2	
government England		352.0423	
law		352	
libraries		027.8	
missions theology		269	
work, societies for		256	
Park			
bildings architect.		725.76	
hack horse		636.13	
<sup>1</sup> Parke co. Ind. history		977.246	
<sup>1</sup> Parkersburg, W. Va. hist.		975.423	
Parkings			
road engineering		625.77	
Parks			
flying aeronautics		629.144	
hygiene of ground		614.783	
recreation		613.75	
public landscape gard.		711	
local governm't		352.7	
Parliament			
constitutional law		342.42	
England		328.42	
houses of architecture		725.11	
Parliamentary			
blue books		328.424	
<b>control administration</b>		<b>351.96</b>	
debates		328.422	
inquiries legis. proced.		328 372	
law		328 1	
practis legislat. bodies		328.1	
reform England		328.42	
writ legislativ bod.		328.351	
Parlor domestic econ.		645.62	
magic		793	
maids dom. econ.		647.25	
pastimes		793	
Parmenides Gk philos.		182.3	
Parmesan cheese		637.3545	
Parnell, T: Eng. poetry		821.52	
Parny, E. D. D. Fr. poetry		841.57	
Parochial			
libraries		027 8	
schools and libraries		257	
education		377.5	
<sup>5</sup> Parodies English liter.		827	
Paroles U. S. civil war		973.773	
Parolfactoria anatomy		611 8133	
Paroophoron "		611.6677	
Parotid glands "		611.3165	
Parovarium "		611.6676	
Parquetry floors architect.		721 66	
Parricide criminal law		343	
Parrots domestic birds		636.686	
zoology		598.7	
<sup>1</sup> Parry Sound dist. Ont. hist.		971.315	
Parsee dualism heresies		273.2	
Parseeism		295	
Parseval Grandmaison, F.A.		841.63	
Parsifal legends		398.2	
opera		782.2	
<sup>5</sup> Parsing Eng. grammar		425.2	
Parsis biografy		922.95	
religion		295	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Parsley	635.78	Passions	philosofy	157
Parsnip	field crops	633.44	physiology	612.82133
	garden "	635.14	Pastel drawing	741
Part songs	vocal music	784.8	Pasteurism	pub. helth
Parthenogenesis			614.477	
botany	581.162	Pasteurization	buttermaking	637.2336
physiology	612.6132		infant diet	613.22
zoology	591.162	Pasteurizer	dairy	637.1323
Parthenon	architecture	722.8	Pasteurizing	"
Parthia	ancient history	935.6	637.1333	
Partial			Paston letters	Eng. hist.
suffrage	electoral systems	324.212		942.04
<sup>2</sup> Particles	English etymol.	422.9		liter.
<sup>3</sup>	syntax	425.9		826.2
Parties, political		329	Pastoral	
social amusem't	793		letters	252.1
dom. econ.	642.41		poetry	Eng. literature
Partington, Mrs	Am. hum.	817.34		821.06
Partisan warfare	mil. sci.	355	theology	250
Partnership	law	347.7	visitations	253
Partridge-shooting	799		Pastors	ecclesiastic polity
Parts	electric mach.	621.316		262.1
Parturition	obstetrics	618.4	Pastry room	dom. econ.
	physiology	612.63		643.36
Party			Pasture	
ballots	suffrage	324.253	feeding	zootechny
caucuses	legislativ proced.	328.3745		636.08422
conventions	polit. sci.	329	land	pol. econ.
feeling in religion, use of	280			333.7
lines	telefony	621.3852	Patchouli	perfume plants
organization	suffrage	324.233		633.812
Paruta, Paolo	Ital. essays	854.47	<sup>1</sup> Patagonia	history
Parzival	legends	398.2		982
<sup>1</sup> Pas de Calais, France	hist.	944.27		travel
Passage, final	legislation	328.375-		918.2
<sup>1</sup> Passaic co. N. J.	history	974.923	Patella	anatomy of bones
Passavanti, J.	Ital. essays	854.12		611.71845
Passenger				knee
boats	shipbilding	623.8234	Patent.	611.983
cars	railway engin'g	625.23	blocks	printing
elevators	lib. bldgs	022.9571	indexes	literary meth.
	mech. eng.	621.87771	law	law
engins	steam eng.	621.13265		347.7
vessels	shipbilding	623.824		patents
Passeroni, G. C.	Ital. satire	857.62		608
Passiflorales	botany	583.45	medicins	adulterations
Passifloreæ	"	583.456		614.353
Passion				state control
music	783.3			615.88
plays	English literature	822.1	room	lib. bildings
	general history	809.2		022.64
	Oberammergau	792	types	printing
	religion	244		655.23
Passionists	monast. orders	271.6	Patents	bilding
				690.8
				engineering
				620.08
				useful arts
				608
			Paternalism	
			in library	021.201
			<sup>1</sup> Paterson, N. J.	history
				974.924
			Pathetic nerv	anatomy
				611.8314
				physiol.
				612.8194
				nuclei anatomy
				611.8155
			Pathogenesis	616.01
			Pathologic anatomy	diag.
				616.078
			Pathology	
			botany	581.2
			medicin	616
			mental	132
			of labor	618.5
			preguancy	618.3
			puerperal state	618.7
			zoology	591.2

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Patience ethics	179.9	Peaches fruit culture	634.25
Patola garden crops	635.627	Peacock, T: L. Eng. fic.	823.76
Patriarchal institutions	321.1	Peacock and	
Patriarchs of Bible lives	220.92	Epervier U. S. war 1812	973.5255
Patricide law	343	Hornet "	973.5253
<b>Patriotic societies, American</b>	<b>369.1</b>	Peacock poultry	636.595
Patriotism ethics	172.1	Peanuts nuciculture	634.58
pol. sci.	320.158	Pearl fishery	639.4
<b>Patriots</b>		Pearls gems	553.8
<b>biografy</b>	<b>923</b>	Pears fruit culture	634.13
of America, order	369.125	Peas garden crops	635.66
<b>Patristic</b>		harvesting agric.	631.5563
philosofers biografy	921.9	Peasantry polit. econ.	331.8
philosofy	189.2	social classes	323.33
theology	230.1	Peasants war Ger. hist.	943.031
<b>Patron</b>		Peat	
saints labor holidays	331.817	economic geology	553.21
Patronage ethics	177.5	foundations architecture	721.11
<b>Pattern shop mfg plant</b>	<b>621.72</b>	fuel chem. tech.	662.6
Pattypan squash	635.621	domestic econ.	644.22
Paul I Russian history	947.07	Pecan	634.521
Paulding, J. K. Am. humor	817.23	Pecquet, cistern of anat.	611.423
<sup>1</sup> Paulding co. O. history	977.117	Pectineus muscle	" 611.73823
Paulus Hook Am. revol.	973.3355	Pectoral glands	" 611.4675
Pauper asylums	362.5	region	" 611.942
architec.	725.55	Pectoralis major	" 611.7351
labor	331.6	minor	" 611.7352
<b>Pauperism</b>	<b>339</b>	<b>Pedagogics</b>	<b>371</b>
and illiteracy, pub. educ.	379.22	Pedalinæ botany	583.85
suffrage disqualifications	324.173	Pedata zoology	593.97
<b>Pavements road eng.</b>	<b>625.8</b>	Pedersen, K. Dan. miscel.	839.8821
sanitation	628.47	Pedestals arch. design	729.32
Pavilly fowls	636.546	Pedestrianism	796
Pavlar sheep	636.363	ethics	175.7
Pavloff fowls	636.571	Pediatrics medicin	618.9
Pawls mech. engin'g	621.837	Pediculosis	616.968
Pawnbroking, loan instit.	332.34	Pedigrees genealogy	929.2
<sup>1</sup> Pawtucket, R. I. history	974.53	Pediments arch. constr.	721.86
Pay, extra pol. econ.	331.225	design	729.37
<b>Payment</b>		walls	721.28
in kind wages	331.235	Pedobaptism	265.1
methods	331.235	Pedogenesis zoology	591.163
of legislativ employees	328.3626	Pedunculated bodies anat.	611.633
Payrolls library finance	225.115	<sup>1</sup> Peebles, Scotland hist.	941.46
Pea pickers	631.3583	<sup>1</sup> Peel co. Ont.	" 971.353
Pea Ridge, Ark. civil war	973.7323	<b>Peerage heraldry</b>	<b>929.7</b>
Peabody fund education	373.75	Pegs, husking	631.3613
<b>Peace</b>		<b><sup>4</sup>Pehlevi language</b>	<b>491.53</b>
and war ethics	172.4	<sup>1</sup> Peking, China history	951.1
conference U.S.civ.war	973.712	travel	915.11
efforts for " " "	973.712	Peking duck	636.59785
Great war	940.312	Pelagianism heresies	273.5
jubilee Boston	780.973	Pelasgian architecture	722.6
society internat. ethics	172.4	<sup>1</sup> Pelew ilands history	996.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Pelican, ship U.S. war 1812 973.5253  
 Pellico, Silvio Ital. drama 852.72  
 Peloponnesian war Gk hist. 938.05  
 Peloponnesus ancient " 938.6  
 1 modern " 949.5  
 Pels, Andries Dutch dram. 839.3242  
 Pelton wheel water motors 621.232  
 Pelvic articulations anat. 611.7281  
 bone " 611.7181  
 lymphatics " 611.4216  
 region " 611.96  
 Pelvimetry 618.52  
 Pelvis anatomy 611.96  
 diseases of women 618.13  
 surgery 617.56  
 Pelycosauria paleontol. 568.1  
 1Pembroke, Wales history 942.99  
 1Pemiscot co. Mo. history 977.8996  
 Penæaceæ botany 583.934  
 Penal colonies crim. law 343.2  
 law 343  
 Penalties crim. law 343.2  
 school 371.54  
 Penance theology 265.6  
 Pencils writing materials 652  
 Pendleton  
 civil servis act U.S. hist. 973.84  
 1 co. W. Va. " 975.491  
 Pendulum  
 apparatus geodesy 526.72  
 Foucault's " 525.36  
 operations " 526.73  
 physics 531.53  
 Penguin, ship U.S. war 1812 973.5257  
 Peninsular  
 campain U.S. civil war 973.7327  
 1 Lower Mich. hist. 977.4  
 1 Upper " 977.49  
 war Spanish " 946.06  
 Penis anatomy 611.64  
 diseases of 616.66  
 Penistone sheep 636.3255  
 Penitential music 783.27  
 Penitentiaries 365  
 architecture 725.61  
 Penmanship 652  
 Pen-names bibliography 014  
 1Pennsylvania, U. S. hist. 974.8  
 For military history, see sub-  
 divisions of Special campaigns  
 and Military history under  
 973.3, 973.7 and 973.89  
 travel 917.48  
 Pennsylvania, colonial soc. of 369.127  
 Pennyroyal agriculture 633.88
- Penobscot  
 1 co. Me. history 974.13  
 expedition Am. revol. 973.3352  
 Penology criminal law 343.2  
 Pens writing 652  
 zootechny 636.0831  
 Pension  
 act, Mex. war U. S. hist. 973.85  
 bill, dependent " 973.85  
 Pensions  
 army and navy 351.5  
 civil servis 351.5  
 library 023.8  
 mothers 362.6  
 old age pol. econ. 331.25  
 teachers 371.17  
 Penstocks sewer appurten. 628.257  
 Pentateuch Bible 222.1  
 Pentose nutrition 612.39619  
 Peonage  
 political economy 331.56  
 slavery 326.2  
 People's  
 palace self-education 374.9  
 party U. S. politics 329.84  
 1Peoria city, Ill. history 977.352  
 1 co. Ill. " 977.352  
 Peperino economic geol. 553.58  
 1Pepin co. Wis. history 977.547  
 Pepper  
 adulterations 614.314  
 agriculture 633.841  
 Pepsin  
 aids to digestion 615.7342  
 destruction in stomach 612.3232  
 formation in stomach 612.3232  
 in gastric juice physiol. 612.3215  
 in urin " 612.32321  
 materia medica 615.35  
 Peptic glands anat. 611.33  
 Peptones  
 changes in intestin 612.33274  
 gastric digestion 612.32245  
 in urin physiol. 612.461264  
 nutrition 612.39817  
 stomach absorption of 612.32274  
 Peptonuria physiology 612.46668  
 Pequot indian war U.S. hist. 973.22  
 Percent tube dairy 637.1276  
 Perception physiol. psych. 612.8218  
 psychology 152  
 Perch fishes 597.5  
 Percheron draft horse 636.1541  
 sheep 636.3445

Percussion		
caps	chem. tech.	662.4
	mil. engineering	623.45421
diagnosis		616.074
instruments	music	789
Perez, A.	Spanish letters	866.32
Perfection	ethics	171.3
Perfectionists	sects	289.9
Perforating		
stamp	lib. econ.	025.252
telegraphs	communicat'n	654.3
	elec. engin'g	621.3822
tools	mech	621.95
Perfumery	chemic tech.	668.5
	toilet	646.7
	plants	633.81
Pericardial artery	anat.	611.1355
Pericardium	anatomy	611.11
Perichondrium	histology	611.01834
	physiology	612.754
Peridotite	plutonic rocks	552.38
Perigee	moon	523.33
Perigord	swine	636.445
Perineal region	anatomy	611.96
Perineum	"	611.353
	female obstetrics	618.44
	surgery	618.55
Perineurium	histology	611.018835
Peringskjöld, J.	Swed. misc.	839.7833
Period of		
decline	physiology	612.67
full development	"	612.66
revolution	earth	525.31
Periodic law	theoret. chem.	541.9
Periodical clubs	self educ.	374.22
Periodicals		
general		050
length of loan	lib. econ.	024.62
on special topics	see subject	
publish by library		025.126
Periosteum		
dental, dis. of	dentistry	617.63
diseases		616.71
histology		611.01844
physiology		612.754
Peripatetic philosophers		185
Peritoneum		
admin. of medicin by		615.66
anatomy		611.381
diseases of		616.38
physiology		612.339
Peritonitis	diseases	616.38
	obstetrics	618.73
Periuterin diseases of women		618.13
Periwinkle fishery		639.4
Perjury	law	343
Perkinism	cures	615.856
Permeability of soil		631.432
Permian formation	geology	551.75
Permutation	arithmetic	511.5
Pernin-Duployé	shorthand	653.38
Peronaeus		
brevis	anatomy	611.73852
longus	"	611.73851
tertius	"	611.73846
Peroneal artery	"	611.13792
Peronosporæ	botany	589.25
Perpetual motion		531.8
	strawberry	634.753
Perrault, C:	Fr. fiction	843.47
Perrot burners	prac. chem.	542.44
<sup>1</sup> Perry co. Ill.	history	977.393
<sup>1</sup>	Ind.	977.229
<sup>1</sup>	Mo.	977.8694
<sup>1</sup>	O.	977.159
<sup>1</sup>	Pa.	974.845
Perry's exped. to Japan		
	U. S. hist.	973.66
Persecutions	theology	272
Perseverance of the saints		234.9
Persia	ancient history	935.5
	antiquities	913.355
<sup>1</sup>	modern history	955
	travels	915.5
Persian		
architecture		723.3
	ancient	722.5
horse		636.11
<sup>4</sup>	language	491.55
<sup>4</sup>	old	491.51
philosophers		181.5
sheep		636.385
walnut		634.511
wars	Greek history	938.03
Persimmons	fruit culture	634.452
Persius Flaccus, Aulus		
	Latin satire	877.4
Person of Christ	doc. theol.	232
Personal		
appearance	costumes	391
	ethics	177.4
	toilet	646.7
equation mach.	astron.	522.54
	prac. "	522.97
hygiene	medicin	613
liberty	English law	347.1
names	etymology	929.4

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Personal  
narrativs  
**autobiography** 920  
Great war 1914-19 940.48  
U. S. hist. civil war 973.78  
Mex. " 973.628  
revolution 973.38  
Span. war 973.898  
war of 1812 973.528  
<sup>3</sup> pronouns Eng. etymol. 422.7  
property English law 347.3  
religion 248  
rights 347.1  
taxation polit. econ. 336.23  
use of lib. time by staff 023.92  
**Personales botany** 583.8  
**Personality**  
dogmatics 233.6  
for library servis 023.52  
teaching 371.11  
metaphysics 126  
psychology 137  
**Personation electoral frauds** 324.272  
**Personnel**  
domestic servis 647.2  
library " 023  
**Persons, disinfection**  
contagious diseases 614.48  
**Perspectiv**  
**descriptiv geometry** 515.6  
drawing 742  
effect architec. design 729.15  
linear 515.61  
projections geodesy 526.81  
**Perspiration, see Swet**  
**Persuasion logic** 168  
<sup>1</sup>Perth, Scotland history 941.32  
<sup>1</sup> co. Ont. " 971.323  
Peticari, G. Ital. essays 854.68  
**Perturbations**  
earth 525.34  
of heavenly bodies 521.4  
**Peru**  
**administration** 354.85  
antiquities 913.85  
architecture 720.985  
ancient 722.9  
botany 581.985  
finance 336.85  
geology 558.5  
<sup>1</sup> history 985  
maps 912.85  
schools 379.85  
statistics 318.5  
**Peru**  
travel 918.5  
treaties 341.285  
Pesantry polit. econ. 331.8  
social classes 323.33  
Pesants war Ger. history 943.031  
<sup>4</sup>Peshito language 492.3  
Pessimism filosofy 149.6  
Pestalozzian system educ. 371.44  
Pestifuges dom. econ. 648.7  
museums 579.82  
Pestilences public helth 614.49  
Pestles chem. apparatus 542.22  
**Pests**  
**agriculture** 632  
household dom. econ. 648.7  
in museums 579.81  
**Petards mil. engineering** 623.45434  
Peter, St epistle 1 227.92  
2 227.93  
the Great Rus. hist. 947.05  
<sup>1</sup>Peterborough city, Ont. hist. 971.368  
<sup>1</sup> co. " " 971.367  
Peters, S: A. Amer. hum. 817.15  
**Petersburg, Va.**  
battle U. S. civ. war 973.7365  
lines, assault " 973.7373  
**Petersen, N. M. Dan. lit.** 839.8461  
**Petition**  
administration 351.97  
electoral fists 324.243  
legislativ procedure 328.372  
right of Eng. const. hist. 342.429  
Petit's canal anat. 611.8447  
**Petralogy lithology** 552  
Petrarca, F. Ital. poetry 851.18  
Petri, L. Swed. poetry 839.7122  
Olaus " " 839.7121  
**Petrifaction paleontology** 560  
Petroglyphs archeology 571.73  
<sup>1</sup>Petrograd, Russia hist. 947.4  
trav. 914.74  
**Petrography** 552  
**Petroleum**  
chemic technology 665.5  
domestic fuel 644.23  
economic geology 553.28  
heating prac. chem. 542.43  
locomotiv fuels 621.1331  
mineralogy 549.8  
products dom. fuels 644.23  
**Petrology geology** 552  
Petronius Arbitr Lat. sat. 877.5

Petrosal		
ganglion anatomy	611.8919	
nerv, great superficial	611.8315	
<sup>1</sup> Pettis co. Mo. history	977.848	
Peutingarian tables		
ancient geog.	913	
Pew rents cleric support	254	
Pewter	739	
Peyer's patches anatomy	611.3413	
Pfaffe Amis, der Ger. sat.	837.21	
Phaedrus Latin poetry	871.6	
Phagedæna diseases	616.941	
Phagocytosis physiology	612.1123	
Phalangeal joints anat.	611.7279	
Phalanges of foot	611.7189	
hand	611.7179	
Phalarideae forage crops	633.284	
Phalaris Greek letters	886.3	
Phallicism	291	
Phanariots description	914.961	
Phanerogamia botany	582	
Phansigars	299.11	
Phantoms occultism	133.1	
Pharmaceutic chemistry	615	
Pharmacists' registration,		
state control of	614.24	
Pharmacognosy	615.1	
Pharmacology	615.1	
Pharmacopoeial drugs		
adulterations	614.351	
Pharmacopoeias mat. med.	615.11	
Pharmacy		
economic botany	581.63	
practical materia med.	615.4	
Pharyngeal		
artery, ascending anat.	611.13324	
tonsil	611.324	
Pharyngobranchii fishes	597.1	
Pharynx		
anatomy	611.321	
diseases of	616.32	
muscles anatomy	611.73278	
physiology	612.2154	
Phase		
changing transformers		
elec. eng.	621.31434	
converters		
asynchronous elec. eng.	621.31368	
synchronous	621.31354	
meters	621.37491	
Phaseolae agriculture	633.379	
Phases of moon	523.32	
Pheasant poultry	636.594	
shooting	799	
Phedo Gk filosofers	183.7	
<sup>1</sup> Phelps co. Mo. history	977.8594	
Phenanthrene org. chem.	547.28	
Phenicia ancient history	939.44	
<sup>1</sup> modern	956.9	
travel	915.69	
Phenician architecture	722.3	
<sup>4</sup> language	492.6	
filosofers	181.8	
Phenix folklore	398.4	
fowls	636.5857	
Phenols organic chem.	547.3	
Phenomena, <i>see</i> Fenomena		
Phi Beta Kappa society	371.85	
Philadelphia, Pa.		
capture Amer. revol.	973.3337	
<sup>1</sup> city history	974.811	
travels	917.4811	
<sup>1</sup> co. history	974.811	
evacuation Am. revol.	973.3343	
exposition 1876	606	
U. S. hist.	973.82	
Philanthropists biography	923.6	
Philanthropy ethics	177.7	
Philately postage stamps	383	
Philemon epistles	227.86	
Philharmonics societies	780.6	
Philip German history	943.025	
1 French	944.022	
2	944.023	
3	944.024	
4	944.024	
5	944.024	
6	944.025	
Philip 2 Spanish	946.04	
3	946.051	
4	946.052	
5	946.055	
Philippians epistles	227.6	
<sup>1</sup> Philippine ilands history	991.4	
travel	919.14	
Philip's, King, war		
New England history	974	
United States	973.24	
Philistines ancient history	939.45	
Phillips, Wendell Am. orat.	815.34	
Phillips code telegrafy	621.382154	
Philo Greek filosofers	186.4	
Philologists biography	924	
Philology	400	
classic	470-489	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Philoprogenitiveness phrenol. 139  
   zoology 591.56
- Philosophers biography** 921
- Philosopher's stone alchemy 540.1
- Philosophic**  
   apparatus 530.7  
   classification of knowledge 112  
   instrument making 681  
   magazines 105  
   systems 140
- Philosophy** 100  
   **biography of** 921  
   **natural** 530
- <sup>2</sup> of special topics see subject
- Phylodraceæ botany 584.35
- Phimosi anatomy 611.642  
                   surgery 617.46
- Phlebitis diseases 616.14  
                   puerperal dis. 618.77
- Phlebogram physiol. 612.1342
- Phlegmasia dolens 618.77
- Phlogiston chemistry 540.1
- Phlorizin  
   nutrition 612.396175  
   toxic glycosuria 612.4644
- Phocis, Greece anc. hist. 938.3
- Phoebe, ship U.S. war 1812 973.5255
- Phoenicia ancient history 939.44  
<sup>1</sup> modern " 956.9
- Phoenician, *see* Phenician
- Phoenix folklore 398.4  
                   fowls 636.5857
- Phonetic**  
   **shorthand** 653
- <sup>3</sup> spelling Eng. language 421.4
- Phonetics elem. educ. 372.4  
                   filology 414
- Phonics elem. educ. 372.4  
                   filology 414
- Phonograf acoustics 534.86
- Phonografy** 653
- Phonolite lithology 552.26
- Phonology 414
- Phosphates**  
   **as fertilizers agriculture** 631.85  
   economic geology 553.64  
   in urin physiology 612.46162  
   mineralogy 549.72
- Phosphorescence 535.3  
   of cells and org. physiol. 612.014445
- Phosphorescent  
   animals comp. physiol. 612.772  
                   zoology 591.59
- Phosphoric  
   acid agriculture 631.85
- Phosphorus**  
   compounds air pollu. 614.728  
   in food physiology 512.39244  
   urin " 612.46162
- inorganic chemistry 546.18  
   materia medica 615.218  
   nonmetallic poisons 615.924
- Photochemistry 541.35
- Photo-electrotyping 777
- Photo-engraving 777
- Photograf cases, library 022.486
- Photografic**  
   chemistry 771  
   method transit of Venus 523.95  
   optics 535.85
- Photografis**  
   collections of 779  
   library administration 025.177  
   of animals in motion  
     art anatomy 743  
     zoology 591.47
- comets 523.69  
                   moon 523.39  
                   planets 523.49  
                   sun 523.79
- Photografy**,  
   **art** 770  
   astronomy 522.63  
   military 623.72  
   optics 535.85
- Photogrammetry photog. 778  
                   survey'g 526.91
- Photogravure 777
- Photolithografy 775
- Photometric observa. stars 523.82
- Photometrics optics 535.2
- Photometry astronomy 522.62  
                   visual physiol. 612.84361
- Photoplays, *see* Fotoplays
- Phototherapy therapeu. 615.831
- Phototropism mesology 612.014447
- Photo-zincografy 776
- <sup>3</sup>Phrase books  
   English language 428.2
- Phrenic**  
   arteries, inferior anat. 611.1361  
   nerv " 611.83336  
                   physiology 612.819941  
   sympathetic nervs anat. 611.8393  
   veins, inferior " 611.1465
- Phrenologists biography 920.9
- Phrenology 139
- Phrygia ancient history 939.26

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Phtthisis	lung diseases	616.246	Physiology		
	public health	614.542	of labor	obstetrics	618.4
Phyllite	lithology	552.44		pregnancy	618.21
Phylloerytrin	blood	612.1119		puerperal state	618.6
Phyllopora	zoology	595.32		vegetable	581.1
Phylloxera	agriculture	632.75		vivisection	ethics 179.4
Physalis		635.647			method 612.077
Physical					pub. health 614.22
	anthropology	573	Physostomi	fishes	597.5
	astronomy	523	Phytografy	descr. botany	580
	capacity of women	educ. 376.1	Phytolaccaceæ	botany	583.915
	chemistry	541.3	Pia mater, cerebral	anat.	611.8191
	conditions	mental char. 136.6		spinal	" 611.8291
	culture rooms	Y.M.C.A. 267.327	Piano and organ		786
	department	" 267.356	music		786.4
	director	" 267.343	Pianola		789.9
	education	hygiene 613.7	<sup>1</sup> Piatt co. Ill.	history	977.367
		school hyg. 371.73	Picard, L. B.	Fr. drama	842.67
	geografy	551.4	<sup>1</sup> Picardy, France	history	944.26
	geology	551	Picaresque	novel	863.3
	laboratories	architec. 727.4	Piccolo	musical instrum.	788.5
	properties of blood	612.11	Piccolomini, A.	Ital. essays	854.42
		crystals 548.8	Picenum	anc. history	937.4
	sciences	500	Pick	agriculture	631.3116
	surroundings	ment. char. 136.2	<sup>1</sup> Pickaway co. O.	history	977.1815
	theory of music	781.1	Pickax	agriculture	631.3116
	training	education 371.73	Pickers	"	631.358
	units	physics 530.8		corn "	631.3553
Physicians			Picketing	labor strikes	331.891
	ethics	174.2	Picking	agriculture	631.556
	lives of	926.1	Picnic lunches	dom. econ.	642.3
	registration	state control 614.24	Pictorial art	fine arts	700
Physicochemic			<sup>1</sup> Pictou co. N. S.	history	971.613
	forces	mesology 612.014462	Picts	ancient history	936
Physicochemistry		541.3		Scottish "	941.01
Physics		530	Picture		
	agricultural	630.23	fittings	lib. econ.	022.93
	molecular	539	frames	decoration	749
Physics, soil		631.432	galleries	fine arts	708
Physiocrats	polit. econ.	330.152		lib. bldgs	022.656
Physiognomy		138		econ.	021.48
Physiografy		551.4		gallery	dom. econ. 645.69
Physiologic			Pictures		
	acoustics	534.7	domestic economy		645.5
	botany	581	Great war 1914-19		940.497
	chemistry	612.015	library treatment		025.177
		zoology 591.19	school decoration		371.636
	optics	535.7	U. S. history	civil war	973.797
Physiology		591		Mex. war	973.6297
	animal	591.1		revolution	973.397
	comparativ	612.019		war 1812	973.5297
	mental	131	Picturesque		
			beauty	esthetics	701
			views and tours		910

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Piecework  
 payment wages 331.231  
<sup>1</sup>Piedmont, Italy history 945.1  
 Pierce, F. presidency of 973.66  
<sup>1</sup>Pierce co. Wis. history 977.54<sup>2</sup>  
 Pierpont, J: Am. poetry 811.26  
 Piers  
 arch. construction 721.3  
 design 729.32  
 bridges 624.16  
 river and harbor engin'g 627.3  
 suspension bridges 624.56  
 Pietists heresies 273.7  
 Piety, practical 240  
 Pigeon plum 634.665  
 Pigeons poultry 636.596  
 zoology 598.6  
 Pigeonholes offic equipm't 651  
 Pigment  
 histology 611.01829  
 nerv histology 611.01882  
 Pigmentary changes  
 dermatology 616.55  
 Pigments  
 bile composition 612.35713  
 origin 612.35733  
 chemic technology 667.6  
 eye physiology 612.8425  
 fine arts. 751  
 inspection of pub. health 614.37  
 physiologic chemistry 612.0154  
 skin anatomy 611.7785  
 physiology 612.796  
 urin " 612.46127  
 Pigmies  
 folklore 398.4  
 human biology 573.8  
 teratology 611.012  
 Pignut 634.524  
 Pigs diseases of 619.4  
 domestic animals 636.4  
 zoology 599.7  
<sup>1</sup>Pike co. Ill. history 977.345  
<sup>1</sup> Ind. " 977.236  
<sup>1</sup> Mo. " 977.836  
<sup>1</sup> O. " 977.1847  
<sup>1</sup> Pa. " 974.824  
 Pilasters  
 arch. construction 721.86  
 design 729.32  
 carvd arch. decorat'n 729.57  
 painted " " 729.47  
 Pile  
 foundations architecture 721.14  
 Pile  
 foundations engineering 624.154  
 methods architecture 721.15  
 engineering 624.155  
 Piledriving  
 foundations architecture 721.151  
 engin'g 624.1551  
 Piles, *see also* Pile  
 Piles diseases 616.35  
 Pilgrim fathers, Mass. hist. 974.48  
 Pilgrimages, religious 248  
 Pillow, Ft U. S. civil war 973.7361  
 Pillows dom. econ. 645.47  
 Pilocarpin physiology 612.31342  
 therapeutics 615.743  
 Pilot laws 347.7  
 Pilots protection of life 614.866  
 seamanship 656  
 Pinching pruning 631.54221  
 Pindar Greek poetry 884.5  
 Pindar, Peter Eng. satire 827.65  
 Pindemonte, I. Ital. poet 851.63  
 Pine strawberry 634.751  
 Pineal gland anat. 611.8145  
 Pineapple  
 botany 584.22  
 fibers agriculture 633.576  
 fruits " 634.774  
 squash " 635.621  
 Pines botany 585.2  
 forestry 634.9  
 Pinnipeds mammals 599.7  
 Pins for electric wires 621.319224  
 Pioneering tools mil. sci. 355.84  
 Pioneers biography 923.9  
 Pipefish zoology 597.5  
 Pipefitting bilding 696.1  
 Piperaceæ botany 583.925  
 Pipes  
 elephant Amer. antiqui. 913.73  
 hydraulics 532.54  
 on houses sewer ventil. 628.234  
 prehistoric archeology 571.26  
 sewer 628.22  
 steam heating 697.5  
 transmission 621.185  
 strength of materials 620.11283  
 subsurface road engin'g 625.78  
 waterworks 628.15  
 Pipethreding machines 621.944  
 Pipets practical chem. 542.66  
 gas " " 542.73  
 graduated " " 542.35  
 Piping comprest air 621.532

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Piping			Placenta	
hydraulic pressure	621.253		embryology	611.01385
refrigeration	621.566		obstetrics	618.36
shipbuilding	623.87		removal in labor	618.87
<b>steam engineering</b>	<b>621.185</b>		retention in "	618.56
<sup>1</sup> Piqua city, O. history	977.148		<sup>1</sup> Placer co. Cal hist.	979.438
Piracy	"	910.4	mining	622.32
law		343	Placers economic geology	553.13
Pirates biography	923.41		Places, names of	929.4
Piriformis muscle anat.	611.73816		Placoids paleontology	567.3
Piron, Alexis Fr. drama	842.55		zoology	597.3
Pirotecnics chem. tec.	662.1		Plade, Peder Danish misc.	839.8824
Pisa, Guido da Ital. fiction	853.13		Plagiarism lit. methods	029.6
<sup>1</sup> Pisa, Italy history	945.5		Plagiostomi fishes	597.3
travel	"	914.55	Plague diseases	616.923
<sup>1</sup> Piscataquis co. Me. hist.	974.12		Plagues, hist. of pub. helth	614.49
<b>Pisces</b> zoology	<b>597</b>		<b>animal vet. med.</b>	<b>619</b>
Pisciculture business	639.3		Plain song cathedral music	783.25
Pisé walls	721.23		Plains	
Pisidia ancient history	939.27		of the moon astronomy	523.34
Pisiform bones anat.	611.71774		physical geografy	551.45
Pissette wash bottles chem.	542.69		<b>Plaiting fibers</b>	<b>633.5</b>
Pistachio	634.574		Plan	
Pistoia, Cino da Ital. poet.	851.16		<b>architectural design</b>	<b>729.2</b>
Pistols manufacture	683		of house dom. econ.	643.2
<b>mil. engin'g</b>	<b>623.443</b>		<b>kitchen</b> " "	<b>643.31</b>
Piston			library book cases	022.443
blowers mech. eng.	621.61		Planche, J: B. G. Fr. essays	844.73
pumps engineering	621.652		Plane	
steam locomotiv	621.1341		<b>geometry</b>	<b>513.1</b>
Pit dwellings prehist. arch.	571.82		inclined physics	531.85
Pitanga	634.423		loci <b>analytic geom.</b>	<b>516.1</b>
<sup>1</sup> Pitcairns iland history	997		of orbit in space astron.	521.21
travel	"	919.7	perspectiv	515.61
Pitcher plants botany	583.121		table surveying	526.96
Pitchstone lithology	552.23		trigonometry	514.5
Pitillas, Jorge Span. satire	867.41		Planers, metal	621.912
Pitman, Benn shorthand	653.5		Planes	
Izaac	"	653.61	aeronautics	629.181
Pitt, William			analytic geometry	516.32
lord Chatham Eng. orat.	825.61		descriptiv "	515.11
1759-1806	"	825.66	<b>geometry</b>	<b>513.1</b>
Pittosporeæ botany	583.141		inclined canal eng.	626.5
<sup>1</sup> Pittsburg, Pa. history	974.886		modern geometry	513.51
Landing battle	973.7326		<b>solid</b> "	<b>513.31</b>
Pituitary			Planetarium descr. astron.	523.28
body anatomy	611.8143		Planetary system astron.	523.25
physiology	612.492		Planetoids astronomy	523.44
membrane anatomy	611.21		Planets	
Pius 4 creed	238.2		<b>descriptiv astron.</b>	<b>523.4</b>
Pivot			distributiv laws	523.21
bridges engineering	624.83		<b>maps and observations</b>	<b>524.4</b>
Pizarro discovery of Amer.	973.16		mutual action	521.41
			nonsphericity	521.43

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Planets</b>			
observations of	523.49		
theoretic astronomy	521.5		
<b>Planimetry</b> surveying	526.97		
<b>Planing mach. mech. eng.</b>	621.91		
<b>Planisphere</b> astronomy	522.78		
<b>Plank</b>			
drag	631.3146		
foundations architecture	721.162		
scraper	631.3131		
<b>Plankers</b> agriculture	631.3146		
<b>Planking</b> tillage	631.515		
<b>Plans</b>			
<b>architectural</b>	720		
for bildings	692		
libraries lib. bildings	022.3		
of cities maps	912		
plant tools agriculture	631.34		
<b>Plantagenets</b> Eng. history	942.03		
Irish "	941.53		
<b>Plantagineæ</b> botany	583.899		
<b>Plantain</b> banana	634.773		
<b>Plantar artery</b> anat.	611.13795		
muscle "	611.73855		
veins "	611.14739		
<b>Plantation</b> songs	784 7		
<b>Planté</b>			
accumulators elec. eng.	621.3552		
Faure " " "	621.3554		
<b>Planters</b>	631.332		
<b>Planting</b> agriculture	631.53		
<b>Plants</b>			
and animals differences	577.5		
botany	580		
classification of	580.1		
culture agriculture	631.5		
geografic distribution	581.9		
geologic agents	551.97		
injurious agriculture	632.5		
botany	581.65		
landscape gardening	710		
medicinal	615.32		
nature-printing from	655.37		
nativ. society for protect'g	580.6		
nutrition agriculture	631.811		
ornamental	716.1		
paleontology	561		
school decoration	371.638		
<b>Plasma, blood</b> physiology	612.12		
<b>Plaster</b>			
bilding material	691.5		
casts sculpture	730		
ceilings arch. construc.	721.75		
<b>Plaster</b>			
fertilizers agriculture	631.821		
of paris fertilizers	631.821		
art	731		
eng. materials	620.15		
<b>Plastering</b> masonry	693.6		
<b>Plastic surgery</b>	617.95		
<b>Plasticity</b> engin'g materials	620.1123		
<b>Platanaceæ</b> botany	583.971		
<b>Plate</b>			
carving	736		
domestic economy	642.7		
girders bridge engin'g	624.23		
glass manufacture	666.1		
insurance	368.6		
manufacture	671		
system icemaking	621.582		
<b>Plateaus</b> phys. geol.	551.43		
<b>Plated ware</b> manufacture	671		
<b>Platen</b> Hallermünde	831.68		
<b>Plates</b>			
book <i>see</i> Book plates			
strength of materials	620.11282		
<b>Platform</b>			
foundations architec.	721.16		
engin'g	624.156		
suffrage	324.239		
<b>Plating</b>			
books lib. econ.	025.253		
manufactures	671		
<b>Platinum</b>			
filiments elec. lighting	621.32641		
inorganic chemistry	546.92		
<b>Plato</b> ancient philosoфы	184.1		
Greek literature	888.4		
idealism	141		
<b>Platonic</b> philosoфы	184		
<b>Platonists, new</b>	186		
<b>Platt Deutsch</b> language	439.4		
literature	839.4		
<sup>1</sup> Platte co. Mo. history	977.8135		
<b>Platysma myoides</b> anat.	611.7321		
<b>Plautus</b> Latin drama	872.3		
<b>Play</b> child study	136.7479		
hygiene	613.74		
nursery	649.5		
<b>Players, lives of</b>	927.92		
<b>Playgrounds</b>			
laboring classes	331.84		
public	796		
school	371.61		
<b>Playing cards</b>	795		
<b>Playright</b>	655.62		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Plays</b>		
<b>English drama</b>	<b>822</b>	
mystery	809.2	
history		
religion	244	
theater	792	
parlor amusements	793	
school student life	371.895	
Pleading	347.92	
<sup>1</sup> Pleasants co. W. Va. hist.	975.421	
Pleasure	612.82133	
physiology		
psychology	157	
Plectognathii fishes	597.5	
<b>Plectral stringd instruments</b>	<b>787</b>	
Pleiocene period geology	551.783	
Plesure	612.82133	
physiology		
psychology	157	
Plethysmografy	612.189	physiol.
Pleura	611.25	anatomy
diseases of	616.25	
physiology	612.2155	
Pleurisy	616.25	diseases
Pleuroperitoneal cavity	611.389	
Pleuropneumonia		
cattle disease	619.24	
diseases	616.241	
Pliny Latin letters	876.2	
Plong, Carl Dan. poetry	839.8168	
Plot of 1604-6 Eng. hist.	942.061	
1679 " "	942.066	
Plotinus Gk filosofers	186.4	
Plotting surveying	526.96	
<b>Plow agriculture</b>	<b>631.312</b>	
shovel	631.3162	
Plowing	631.512	
steam machinery	621.146	
Plum stone fruits	634.22	
Jew	634.442	
marmalade	634.432	
pigeon	634.665	
Spanish	634.443	
<sup>1</sup> Plumas co. Cal. hist.	979.429	
Plumbagineæ botany	583.671	
Plumbago econom. geol.	553.26	
<b>Plumbing</b>	<b>696</b>	
house drainage	628.6	
laws	696.9	
Plums fruit culture	634.22	
Plunger pumps engin'g	621.654	
Plural		
vote electoral systems	324.213	
Plurality		
election suffrage	324.262	
to legislativ body	328.3355	
of worlds astron.	523.13	
Plutarch Gk filosofers	186.2	
literature	888.8	
<b>Plutology polit. econ.</b>	<b>330</b>	
<b>Plutonic rocks lithology</b>	<b>552.3</b>	
Plymouth		
brethren sects	286.7	
<sup>1</sup> co. Ia. history	977.716	
<sup>1</sup> Mass. "	974.48	
Rock fowls	636.582	
settlement Mass. hist.	974.4	
U. S. "	973.22	
<b>Pneumatic</b>		
aspiration therapeutics	615.815	
brakes gun mounts	623.43564	
caisson foundations	721.173	
cleaning engineering	621.549	
differentiation therapeu.	615.836	
forcing foundations	721.175	
pile foundations architec.	721.155	
pump physics	533.5	
tools engincering	621.542	
tubes communication	654.8	
engineering	621.549	
lib. econ.	022.946	
<b>Pneumatics</b>	<b>533</b>	
Pneumatology metaphys.	128	
Pneumogastric nerv, <i>see</i> Vagus		
Pneumografy physiology	612.211	
Pneumonia diseases	616.241	
Pneumotherapy	615.64	
<sup>1</sup> Pocahontas co. Ia. hist.	977.719	
<sup>1</sup> W. Va. "	975.487	
Pocket veto legislation	328.375	
Pockets, card lib. econ.	025.255	
Podalyrieae legume crops	633.372	
Podophthalma		
crustaceans	595.38	
gastropods	594.3	
spiders	595.4	
Podophthalmata crustaceans	595.38	
Podophthamia "	595.38	
Podophthalmidae spiders	595.4	
Podostemaceæ botany	583.921	
Poe, Edgar Allan Am. poet	811.32	
Poetic		
books of Bible	223	
<sup>5</sup> selections Eng. litera.	821.08	
Poetry		
<b>American literature</b>	<b>811</b>	
<b>English</b> "	<b>821</b>	
<b>French</b> "	<b>841</b>	
<b>German</b> "	<b>831</b>	
Great war	940.49	
Greek "	881	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

## Poetry

<sup>5</sup> humorous Eng. lit.	827
Italian literature	851
Latin "	871
<sup>5</sup> macaronic Eng. lit.	827
philosophy of	808.1
sacred hymnology	245
<sup>5</sup> satiric Eng. lit.	827
Spanish literature	861
other literature see table 5	
U. S. history civil war	973.791
Mex. "	973.6291
revolution	973.391
Span. war	973.8991
war of 1812	973.5291

## Poets, lives of

	928
English	928.21
French	928.41
German	928.31
Italian	928.51
Spanish	928.61

## Poikilothermic animals

comp. physiol.	612.39192
----------------	-----------

## Poincaré French hist.

	944.08
--	--------

## Pointed architecture

	723.5
--	-------

## Pointer telegraf elec. eng.

	621.38225
--	-----------

## Points animal excellence

	636.08114
--	-----------

## modern geometry

	513.51
--	--------

## Poisoned wounds surgery

	617.148
--	---------

## Poisonous

cosmetics adulterations	614.355
plants agriculture	632.59
econ. botany	581.65
secretion animals	591.145

## Poisons

chemic analysis	543.5
domestic economy	648.7
effect on bile	612.3574
gastric juice	612.324
intelligence	612.8214
intestin	612.334
iris	612.8424
liver	612.354
milk secretion	612.6644
nerv cells	612.82254
nerv. irritability	612.8167
pancreas	612.344
reflexes	612.83394
effect on respiration	612.284
salivary glands	612.3134
swet	612.7924
temperature	612.544
urin secretion	612.464
effects of diseases	616.97

## Poisons

elimination by bile	612.3575
gastric juice	612.324
saliva	612.31341
swet	612.79242
urin	612.4643
thru milk	612.6644
house sanitation	648.7
medical jurisprudence	340.6
mesology	612.01446
neuroses from special	616.86
sale of state control	614.28
therapeutics	615.9
vegetable econ. botany	581.69
<sup>1</sup> Poitou, French history	944.6
Poitou sheep	636.3444
Poker amusements	795
ethics	175.5
<sup>4</sup> Polabian language	491.89
Poland	
<sup>1</sup> history	943.8
insurrection of history	947.07
<sup>4</sup> language	491.85
<sup>5</sup> literature	891.85
partition of history	947.06
<sup>1</sup> Russian	947.5
Poland China swine	636.482
Polanders poultry	636.552
Polar	
duplex telegraf elec. eng.	621.382323
projections descr. geom.	515.54
regions agriculture	631.0911
antarctic travel	919.9
<sup>1</sup> arctic history	998
travel	919.8
Polarimeters quan. anal.	545.8
Polarimetry of urin physi.	612.461176
Polariscope optics	535.5
Polariscopic anal. chem.	544.7
Polarity in rocks geology	551.84
Polarization	
of light astronomy	522.65
chemistry	544.7
optics	535.5
Polars	
modern anal. geom.	516.55
geometry	513.55
Polders reclamation	631.616
Polemic sermons	252.2
theology	230
Polemoniaceæ botany	583.761
Polemoniales	583.76

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Poles</b>			<b>Politics, American</b>	<b>329</b>
aerial elec. lines	621.319223		British	329.942
modern anal. geom.	516.55		morals of	172.1
geometry	513.55		relations to pol. econ.	330.1932
plant support	631.3452		<b>Polity, ecclesiastic</b>	<b>262</b>
training	631.5461		Poliziano, A. Ital. drama	852.22
telegraf communication	654.4		poetry	851.24
elec. eng.	621.319223		Polk, J. K. presidency of	973.61
<b>Police</b>			<sup>1</sup> Polk co. Ia. history	977.758
boats shipbuilding	623.826		<sup>1</sup> Mo. " "	977.877
local government	352.2		<sup>1</sup> Wis. " "	977.517
medical state control	614.29		Polka piano music	786.44
measures administration	351.74		Poll tax polit. econ.	336.25
sanitary " "	351.77		Pollak-Virag telegraf	621.38246
stations architecture	725.18		Polled cattle Aberdeen	636.2231
<b>Policy</b>			Durham	636.2263
legislativ pol. sci.	328.24		Hereford	636.2227
Poliomyelitis, anterior, <i>see</i>			Pollen fertilization	581.3
Paralysis, infantil			Pollution	
Polish chem. technology	667.7		air by cemeteries	614.652
Polish bantams	636.58713		public health	614.7
discovery of Amer.	973.11		water by cemeteries	614.651
fowls	636.552		supply of towns	628.16
<sup>4</sup> language	491.85		Polo amusements	797
<sup>5</sup> literature	891.85		pony	636.161
sheep	636.3331		Polonaise piano music	786.44
swine	636.433		Polonium inorgan. chem.	546.892
Polishing dom. econ.	648.55		Polverara fowls	636.553
painting	698.3		Polyandry customs	392.6
Politeness ethics	177.1		ethics	173.2
etiquet	395		Polycarpææ botany	583.155
<b>Political</b>			Polychromatic ornament	747
assessments suffrage	324.233		Polycystina zoology	593.14
associations	363		<b>Polyedrons geometry</b>	<b>513.34</b>
conventions	329		Polygalææ botany	583.143
economists' lives	923.3		<b>Polygalineæ " "</b>	<b>583.14</b>
economy	330		Polygamy	
ethics	172.1		criminal law	343
history	900		customs	392.6
Great war	940.31		Edmunds act U. S. hist.	973.84
U. S. civil war	973.71		ethics	173.2
Mex. " "	973.621		hygiene	613.89
revolution	973.31		Mormonism	298
Span. war	973.891		<b>Polyglot Bibles</b>	<b>220.5</b>
war 1812	973.521		dictionaries	413
organizations	363		Polygonaceæ botany	583.917
parties	329		Polygoneutic variation zool.	591.154
science	320		Polygons geometry	513.16
sermons	252.6		<b>Polygrafy special lib.</b>	<b>080</b>
status of woman	396.3		<sup>2</sup> see subject for topical collec.	
theory political sci.	320.152		<b>Polyhedra geometry</b>	<b>513.34</b>
troubles internal relat.	323.2		Polymerism chemistry	541.7
<b>Politicians biography</b>	<b>923.2</b>		Polymorphic variation zool.	591.151
			Polymorphism crystallog.	548.3

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- <sup>1</sup>Polynesia** history 996  
 languages 499  
 travel 919.6  
**Polypetalæ** botany 583.1  
**Polyphase**  
 machinery elec. eng. 621.31332  
 traction systems " " 621.33143  
 transmission " " " 621.31913  
 Polyphonic school music 783.4  
 Polypnea respiration 612.223  
 thermic physiol. 612.534  
**Polyps** zoology 593.6  
 Polypus diseases 616.992  
**Polysaccharids** nutrition 612.39611  
**Polytheism** 290  
 Polyuria physiology 612.4641  
 Polyzoa zoology 594.7  
**Pomace**  
 fertilizers agriculture 631.847  
**Pomaceous**  
 fruits agriculture 634.1  
**Pome**  
 fruits agriculture 634.1  
**Pomegranate** agriculture 634.64  
**Pomelo** 634.323  
<sup>1</sup>**Pomerania, Ger.** history 943.16  
**Pomeranian sheep** 636.3331  
**Pomology** agriculture 634  
**Pomme Cythere** 634.432  
**Pompadour fowls** 636.552  
**Pompeii** description 913.377  
**Pompey's pillar**  
 Egyptian antiquities 913.32  
 monuments 718  
**Pompignan, J! J. de Franc de** 841.53  
**Ponce de Leon** Am. discov. 973.16  
**Pond apple** 634.414  
**Ponds**  
 artificial landsc. garden. 714  
 physical geology 551.48  
**Ponies**  
 domestic animals 636.16  
 student honor 371.81  
 zoology 599.7  
**Pons Varolii** anatomy 611.8173  
 physiology 612.8268  
**Ponsard, François** Fr. dram. 842.82  
**Pontederiaceæ** botany 584.34  
**Pontiac, consp. of** Can. hist. 971.02  
 U. S. " 973.27  
<sup>1</sup> co. Que. hist. 971.421  
<sup>1</sup>**Pontifical states** Ital. hist. 945.6  
**Pontificate, Rom.** eccles. pol. 262.13
- Pontoon bridges**  
 engineering 624.87  
 military engineering 623.652  
**Pontoppidan, E.** Dan. misc. 839.8841  
**Pontus** ancient history 939.33  
**Poolselling** ethics 175.9  
**Poor**  
 laws local government 352.9  
 pauperism 339  
 rates 336.28  
**Poorhouses**  
 architecture 725.55  
 asylums 362.5  
 pauperism 339  
**Poot, H. C.** Dutch poetry 839.3142  
**Pop corn** 635.677  
**Pope** Great war 940.31522  
**Pope, Alex.** Eng. poetry 821.53  
 satire 827.55  
<sup>1</sup>**Pope co. Ill.** history 977.3991  
**Popery** ecclesiastic polity 262.13  
**Popes** church history 282  
 lives 922.2  
**Popham colony** Maine hist. 974.1  
**Popish plot, 1679** Eng. hist. 942.066  
**Popliteal**  
 artery anatomy 611.13786  
 glands " 611.4683  
 muscle " 611.73856  
 space " 611.983  
 veins " 611.1473  
**Poppy** agriculture 633.75  
 botany 583.122  
**Popular**  
 ballads 784.4  
 delusions 133  
 education, public 379  
 elections suffrage 324  
 errors 133  
 lectures self education 374.5  
 science 500  
 sovereignty U. S. hist. 973.64  
 summer schools self educ. 374.8  
 tumults public order 351.752  
**Population** statistics 312  
**Porcelain**  
 art 738  
 chem. technology 666.5  
 painting 738  
 vessels prac. chem. 542.232  
**Porcupines** zoology 599.3  
**Porifera** " 593.4  
**Pork packing** air pollut. 614.743  
 trichinæ pub. health 614.562

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Porosity, properties of solids 539.2  
 Porous  
   terra cotta construc. bldg 693.4  
 Porphyrite lithology 552.31  
 Porphyzation prac.chem. 542.22  
 Porphyry Greek philos. 186.4  
 Porphyry econ. geology 553.56  
   lithology 552.31  
 Porpoises zoology 599.5  
 Port Hudson, La. siege 973.7347  
 1 Huron, Mich. history 977.441  
   Royal heresy 273.7  
   persecutions 272.5  
   S.C. U.S.civ.war 973.751  
 Porta, G. della Ital. dram. 852.45  
 Porta anatomy 611.8148  
 Portable  
   boilers engineering 621.18423  
   engins mechan. eng. 621.15  
   observatories astron. 522.15  
 1 Portage co. O. history 977.137  
 1 Wis. " 977.553  
 Portal ligature physiology 612.35151  
   vein anatomy 611.149  
 Portents 133.3  
 Porter, Jane Eng. fict. 823.75  
   Noah Am. philos. 191.6  
 1 Porter co. Ind. history 977.298  
   travels 917.7298  
 Porters  
   domestic servis 647.25  
   library servis 023.795  
   lodges architecture 728.91  
 Portio dura anatomy 611.8317  
 Portland  
   cement econ. geology 553.68  
   manufacture 666.9  
 1 Me. history 974.19  
   travel 917.419  
   vase pottery 738  
 1 Portneuf co. Que. hist. 971.4466  
 1 Porto Rico history 972.95  
 Portrait painting 757  
 Portraits  
   catalogs of 757  
   collections of painting 757  
   engraved 769  
 Ports, establish'm't of tides 525.64  
   shipbuilding 623.85  
 Portsmouth  
 1 England, history 942.27  
   travel 914.227  
 1 O. history 977.1871  
 1 Portugal history 946.9  
   travel 914.69
- Portuguese  
 discovery of America 973.16  
 East Africa history 967.9  
 4 language 469  
 5 literature 869  
   Romanesque architecture 723.46  
   swine 636.46  
 Portulacæ botany 583.156  
 1 Posen, Germany history 943.13  
 1 Posey co. Ind. history 977.234  
 Posidonius Gk philos. 188.5  
 Position  
   calculus of anal. geom. 516.8  
   of body in orbit astron. 521.23  
   space " 521.24  
   orbit " 521.22  
   shorthand 653.01  
 Positivism philosophy 146  
 Posology materia med. 615.14  
 Possession  
   territorial pol. sci. 320.1263  
 Possessiv pronouns  
 3 English etymology 422.7  
 3 syntax 425.7  
 Post  
   auricular glands anatomy 611.4632  
   commissure " 611.8141  
   mortem exam. pathol. 616.079  
   Nicene apostolic church 281.4  
   pliocene period geology 551.79  
   spade 631.3111  
 Postage stamps 383  
   legis. supplies 328.364  
 Postal savings banks 332.2  
   servis 383  
   telegraf 384  
 Posterior commissure 611.8141  
 Posters advertising 659.1  
   cartoons 741  
 Posthole digger 631.3113  
 Postl, Karl Ger. fiction 833.74  
 Postludes organ music 786.85  
 Postoffis administration 351.816  
   clerks suffrage 324.247  
   dep't U. S. admin. 353.4  
 Postoffises architecture 725.16  
   sociology 383  
 Posts carpentry 694.4  
   army mil. engin'g 623.613  
 Pot cheese 637.356  
 Potash  
   agriculture 631.83  
   chemic technology 661.3



Potassium inorg. chem.	546.32	Powder	
salts as food	612.39262	protectiv external agents	615.776
Potato		toilet	646.7
botany	583.79	Power	
field crops	633.491	balance of polit. science	320.1
garden "	635.21	<b>delivery elec. traction</b>	<b>621.3315</b>
beetle agric. pests	632.76	<b>farm</b>	<b>631.37</b>
diggers "	631.3564	gas producers	665.7
disease agriculture	632.4	meters elec. eng.	621.3746
botany	581.21	of removal civil servis	351.92
Potential		<b>plants, electric</b>	<b>621.312</b>
meters elec. eng.	621.3743	gas engin	621.49
<b>regulators " "</b>	<b>621.3145</b>	<b>steam</b>	<b>621.19</b>
static electricity	537.21	plow	631.3123
Potentials		<b>pumps engin'g</b>	<b>621.64</b>
law of attraction	531.51	railroad engin'g	625.26
of ellipsoids geodesy	526.11	roller	631.3141
Potentiometer elec. engin'g	621.3743	ship design	623.81
<sup>1</sup> Potenza, Italy history	945.77	<b>transmission elec. eng</b>	<b>621.319</b>
Potgieter, E. J. Dutch lit.	839.3453	<b>mech. "</b>	<b>621.8</b>
Potholes geology	551.92	vessels shipbilding	623.823
Potomac, army of the		yachts "	623.824
U. S. civ. war	973.7416	Powers	
<sup>1</sup> <b>valley W. Va. hist.</b>	<b>975.49</b>	legislativ pol. sci.	328.34
trav.	917.549	legislatures	328.34
Potpourris orch. music	785.9	of library trustees	023.35
Pots, layering	631.335	separation of Eng. govt.	354.4202
plant	631.345	Fr. "	354.4402
<sup>1</sup> Pottawattamie co. Ia. hist.	977.771	Ger. "	354.4302
Potted layering	631.5344	U. S. "	353.02
Potter, Diric Dutch poetry	839.3115	<sup>1</sup> Poweshiek co. Ia. history	977.7596
<sup>1</sup> Potter co. Pa. history	974.855	Practical	
Potters clays econ. geology	553.61	<b>astronomy</b>	<b>522</b>
Pottery		<b>chemistry</b>	<b>542</b>
art	738	<b>mining</b>	<b>622.2</b>
<b>manufacture</b>	<b>666.3</b>	pharmacy materia med.	615.4
painting	738	<b>religion</b>	<b>240</b>
prehistoric	571.55	sermons	252.4
refractory prac. chem.	542.232	<b>Practis of medicin</b>	<b>616</b>
works architecture	725.48	state control	614.2
Poultry, diseases of	619.5	Pragmatic sanction	
<b>domestic animals</b>	<b>636.5</b>	<b>Byzantine empire</b>	<b>949.5</b>
houses	631.22	Gallic church	282.44
manure agric.	631.86	political science	321.6
Pouter pigeon	636.59611	Pragmatism	149.9
Poverty pauperism	339	<sup>1</sup> Prague, Germany hist.	943.71
Powder		trav.	914.371
baking adulterations	614.315	Prairie plow	631.3125
chem. tech.	664.6	Prairies phys. geografy	551.58
gun manufactures	662.3	reclamation	631.611
<b>manufacture</b>	<b>662.3</b>	Praise meetings, pub. worship	264.2
<b>military engineering</b>	<b>623.452</b>	<sup>4</sup> <b>Prakrit language</b>	<b>491.2</b>
milk	637.143	Pram, K. H. Dan. poetry	839.8155
		Praseodymium inorg. chem.	546.642

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Prat fowls	636.565	Prelacy	ecclesias. polity	262.12
Prati, Giovanni Ital poet.	851.78	Preludes	organ music	786.83
Giovanni da * fict.	853.25	Premature interment		614.61
Prawns fishery	639.5	Prenatal circulation		612.179
zoology	595.3	Preordination doctr.theol.		234.9
Prayer		Preparation		
books, Anglican	264.03	of butter		637.23
church ritual	264.1	crops for storage		631.56
family	249	transport		631.56
gage natural theology	217	fertilizers agric.		631.812
Lord's gospels	226.9	food zootechny		636.0856
meetings	264.7	soil		631.51
natural theology	217	Preparatory schools, girls		376.63
of Manasses Apocrypha	229.6	private		373
private personal relig.	248	public		379.171
Preachers biography	922	Preparedness mil. science		355.21
Preaching	251	Prepeduncles anatomy		611.8164
friars Dominicans	271.2	<sup>1</sup> Prepositions Eng. etymol.		422.9
Pre-Adamites	573.3	syntax		425.9
<sup>1</sup> Preble co. O. history	977.171	Prepuce anatomy		611.642
Precedence heraldry	929.7	Preraphaelitism		759.9
Precession prac. astron.	522.95	Prerogatives		
theoret. -"	521.9	legislativ bodies		328.34
Precious		Presages occultism		133.3
metals metallurgy	669.2	Presbyopia physiology		612.8454
mineralogy	549	Presbyter ministry		262.14
stones econ. geol.	553.8	Presbyterian orders		262.18
mineralogy	549	Presbyterians		285
Precipitation		lives		922.5
disposal of sewage	628.34	Presbytery eccles. polity		262.4
practical chemistry	542.65	Prescience divine attrib.		231.4
Precocity		<sup>1</sup> Prescott co. Ont. history		971.386
child study	136.765	Prescription-writing		615.14
education	371.945	Presentations		
Precolumbian disc. of Amer.	973.11	in labor obstetrics		618.42
Precubrum anatomy	611.8133	of decorations Great war		940.464
Precurneus "	611.81318	flags Great war		940.463
Predestination doc. theol.	234.9	U. S. civil war		973.763
Predicting machines tides	525.68	Presents, Christmas		394
Predictions	133.3	Preservation		
Preemption state land	336.13	of crops		631.55
Preexistence of the soul	129.3	fish chem. tech.		664.9
Prefect French loc. gov't	352.0444	food chem. technology		664.8
Preferential vote	324.224	dom. economy		641.4
<sup>2</sup> Prefixes English etymol.	422.2	fruits chem. tech.		664.8
Pregnancy obstetrics	618.2	meats " "		664.9
pathology of	618.3	milk		637.133
physiology	612.63	munitions of war		623.481
Prehension of food physiol.	612.311	vegetables chem. tech.		664.8
Prehistoric		Preservativs		
archeology	571	bilding		691
man nat. hist. of man	573	zoologic collections		579.2
Prejudis logic	165	Preserving cookery		641.4
social ethics	177.3			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

President			Pretenders English history	942.07
French government	354.4403		Prevention of	
inauguration ceremonies	394.4		contagious diseases	614.44
protem legis. bodies	328.3622		cruelty ethics	179.2
ship, & Little Belt U.S. hist.	973.51		fire protection of life	614.841
capture war 1812	973.5257		Prevost d' Exiles, A. F.	
U. S. government	353.03		French fiction	843.53
veto power U. S.	353.03		Priapus mythology	291
Presidential			<sup>1</sup> Price co. Wis. history	977.524
elections U. S.	324.73		Price's Missouri expedition	
succession act U. S. hist.	973.85		U. S. civ. war	973.7374
Presidents biography	923.1		Prices	
messages	353.03		of books lib. admin.	025.222
<sup>1</sup> Presque Isle co. Mich. hist.	977.482		butter	637.2185
Press			cheese	637.3185
clippings	029.3		food dom. economy	641.31
agencies	029.3		milk	637.1185
code electric eng.	621.382154		political economy	338.5
hydraulic engineering	621.266		Prickly pear	634.7751
science	532.81		Pride ethics	179.8
journalism	070		Priest ministry	262.14
liberty of journalism	070.13		Priesthood "	262.1
polit. sci.	323.445		Priests	
library propagandism	021.74		celibacy of	254
morals of	179.1		ethics	176.2
printing	655.31		pigeons poultry	636.59632
public order	351.751		Roman cath. biography	922.2
work printing	655.32		Primacy eccles. polity	262.13
writing for lit. methods	029.6		Primaries suffrage	324.23
Presses			Primary	
baling	631.3642		caucus suffrage	324.235
butter	637.2328		cells electric engin'g	621.353
cheese	637.3323		direct suffrage	324.237
filter practical chem.	542.67		period geology	551.72
hanging lib. economy	022.481		schools methods	372
hydraulic machinery	621.266		state system	379.18
practical chemistry	542.68		Prime	
Pressing cheesemaking	637.3333		meridian cosmic time	529.77
hydraulic print'g	655.33		geog. coordin.	525.46
Pressure			numbers arithmetic	511.3
arterial physiology	612.182		vertical astron. instru.	522.47
barometric "	612.27		Primers elementary educ.	372.4
gages pneumatics	533.82		Primers military eng.	623.45422
steam engin'g	621.1847		Primeval	
of air meteorology	551.54		man nat. hist. of man	573
blood physiology	612.14		prehist. archeology	571
clothing hygiene	613.484		Priming tides	525.63
liquids hydraulics	532.1		Primitiv	
regulation accumulators	621.3125		apostolic church	281.2
sense physiology	612.883		baptists sects	286.4
turbins steam engin'g	621.16523		boats shipblding	623.821
wind bridge engin'g	624.175		Christianity	270.1
Prestidigitation	791		church	281
<sup>1</sup> Preston co. W. Va. hist.	975.482		cropcleaning tools	631.3621

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Primitiv		
culture	571	
harvesting tools	631.351	
man, customs of	571	
Methodist church	287.4	
streak embryology	611.01333	
threshing tools	631.3611	
Wesleyan church	287.5	
Primogeniture law	347.6	
Primrose leag polit. assoc.	363	
Primulaceæ botany	583.672	
<b>Primulales</b> "	<b>583.67</b>	
Prince		
<sup>1</sup> co. P. E. I. history	971.71	
<sup>1</sup> Edward co. Ont. "	971.3587	
<sup>1</sup> Edward Is. Can. history	971.7	
travel	917.17	
<sup>1</sup> George co. Md. history	975.251	
Princes education	371.961	
Princeton, N. J.		
battle Amer. revol.	973.3326	
college	378.749	
<sup>1</sup> history	974.967	
travels	917.4967	
Principles, general probab.	519.1	
Printed catalogs lib. econ.	025.3	
Printers biography	926.5	
marks hist. of printing	655.1	
occupation hygiene	613.65	
Printing		
bill legislativ procedure	328.373	
business	655	
calico chem. tech.	667.3	
inks " "	667.5	
library administration	025.12	
presses	655.31	
telegrafs communicat.	654.3	
elec. engin'g	621.3825	
trade	655	
Prints		
books of	769	
cloth chem. technology	667.3	
Prior, Matthew Eng. poet.	821.51	
Prisms		
geometry	513.36	
library bildings	022.73	
lighting	628.9	
optics	535.81	
Prison		
associations	365	
contracts polit. econ.	331.51	
disciplin	365	
life Amer. civil war	973.77	
Prisoners		
of war ass'n, Union	369.155	
internat. law	341.3	
Prisons	365	
and reformatories arch.	725.6	
hygiene	613.57	
Great war 1914-19	940.472	
labor pol. econ.	331.51	
U. S. history civil war	973.77	
Mex. "	973.627	
revolution	973.37	
Span. war	973.897	
war of 1812	973.527	
Private		
banks	332.13	
grounds landsc. garden.	712	
international law	341.5	
judgment eccles. pol.	262.8	
legislation	328.378	
libraries	027.1	
library catalogs, author	018.2	
clast	017.2	
dictionary	019.2	
marks lib. economy	025.251	
notes polit. "	332.5	
ownership of land	333.3	
reading self-education	374.1	
schools	373	
public aid to	379.121	
theatricals	793	
ethics	175.2	
vs public schools	379.3	
worship	248	
Privateering		
international law	341.3	
Privateers	341.3	
U. S. history civil war	973.759	
revolution	973.358	
war of 1812	973.5258	
Privately printed books		
library economy	025.227	
rarities	094	
Privation		
effects of diseases	616.985	
hygiene	613.88	
Privies air pollution	614.764	
sanitation	628.41	
Privileged communications,		
medico-legal	614.23	
Privileges		
government library aid	021.86	
legislatures	328.347	
of library executiv	023.43	
special, to library readers	024.7	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Privy council Eng. gov't	354.4204	Profiles fortifications	623.111
Prize		Profit sharing pol. econ.	331.24
fighting ethics	175.6	Profits capital and labor	331.1
money mil. science	355.13	stock farming	636.0818
Prizes		Prognostications	133.3
agricultural	630.719	Program music, orchestral	785.4
in school education	371.53	Progress	
international law	341.3	civilization	901
library	020.79	of population, statistics	312
maritime law	347.7	sociology	301
<b>Probabilities mathematics</b>	<b>519</b>	Progression	
Probate law	347.6	algebra	512.6
Probation of malefactors	364	arithmetic	511.6
Problem of three bodies	521.13	Progressiv	
Problems differen. calcu.	517.29	development of man	575.6
integral "	517.39	friends sects	289.6
see subject		wages economics	331.225
Proboscidea mammals	599.6	Prohibited	
<b>Procedure law</b>	<b>347.9</b>	books book rarities	098
legislativ	328.37	bullets small arms	623.45535
voting suffrage	324.24	Prohibition	
Process shops mfg plant	621.794	party polit. science	329.81
Processes		temperance	178.5
antitrust bilding	691.7	Projectil fuzes mil. eng.	623.45423
bilding materials	691	Projectils	
Processional cathed. music	783.29	artillery ordnance	623.451
Processions customs	394.5	deviation of	525.37
Proclus Gk filosofers	186.4	ballistics	623.54
Proctor's creek. Va. battle	973.7365	effect of mil. eng.	623.56
Prodicus Gk filosofers	183.1	military engineering	623.45
<b>Produce agriculture</b>	<b>633</b>	physics	531.55
Production		Projection	
feeding for zootechny	636.08452	of shadows perspectiv	515.63
for food stockraising	636.0883	Projections	
of fertilizers agric.	631.812	analytic geometry	516.57
metals pol. econ.	332.41	descriptiv "	515
milk	637.12	map geodesy	526.8
political economy	338	Prolapsus funis in labor	618.58
wages pol. econ.	331.213	Proletariat	
<b>Productions of the soil</b>	<b>633</b>	social classes	323.33
Products		Proliferous buds	631.5333
animal, stockraising for	636.0884	Prominences sun	523.75
Profanity ethics	177.2	Promis ethics	174.7
Professional		Promiscuity customs	392.6
ethics	174	Promissory notes law	347.7
remuneration pol. econ.	331.27	pol. econ.	332.7
schools	378.99	<b>Promotion of pub. welfare</b>	<b>351.8</b>
architecture	727.4	Promotions, military	355.11
libraries	371.648	of scholars	371.28
see also name of profession		teachers	371.165
servises bilding	692.8	Pronator muscle of forearm	611.7374
Professors' salaries educ.	371.161	Prongd shovel	631.3111
Professorships		<sup>1</sup> Pronominal forms	
of books and reading	028.6	Eng. etymol.	422.7
		<sup>2</sup> Pronouns Eng. syntax	425.7

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<sup>3</sup> Pronunciation Eng. lang.	421.5	Prorogation legis. bodies	328.356
Proof and copy lit. meth.	029.6	Proscription crim. law	343.2
legal law	347.94	<sup>3</sup> Prose composition Gk	488.2
reading printing	655.25	" Latin	478.2
Propaganda, library	021.79	<b>Prosencephalon anat.</b>	<b>611.813</b>
<b>Propagandism, library</b>	<b>021.7</b>	Proslavery slavery	326.7
Propagation		Prosody	
appliances	631.335	comparativ philol.	416
of contagious diseases	614.43	<sup>3</sup> English language	426
light optics	535.2	<sup>3</sup> Greek "	486
magnetism	538.2	<sup>3</sup> Latin "	476
plants	631.53	Prosos cereals	633.173
sounds acoustics	534.2	<b>Prospecting min. engin'g</b>	<b>622.1</b>
zootechny	636.0824	Prostate gland anatomy	611.637
Propellers		diseases	616.65
aviation	629.184	Prostitution administra.	351.764
ballooning	629.164	ethics	176.5
Propelling		hygiene	613.87
machinery shipbuilding	623.87	Prostration, nervous	616.843
Proper		Protagoras Gk philosophy	183.1
motions stars	523.83	Protaminic nucleus phys.	612.398191
names persons, places	929.4	Protamins nutrition	612.398138
of season cathed. music	783.23	Proteaceæ botany	583.932
Propertius Lat. lyric poet.	874.4	Protection	
Property		<b>against destruction agric.</b>	<b>632.1</b>
capital	331	pests "	632.9
church	254	dom. econ.	648.7
city local taxation	352.1	of animals	591.57
law of title to	347.2	grafts	631.5417
literary publishing	655.6	human life from accid.	614.8
personal law	347.3	plants	631.344
qualification legis. bod.	328.331	political economy	337.3
suffrage	324.46	Protectiv	
real law	347.2	<b>devices elec. line</b>	<b>621.3198</b>
state finance	336.1	stations	621.3178
suffrage	324.13	local telephone	621.38694
tax	336.21	telephone stations	621.38794
theory of pol. econ.	335.01	telegraf	621.38328
Prophecy Bible inspira.	220.1	external agents, therapeu.	615.776
<b>Prophetic books of Bible</b>	<b>224</b>	inoculation pub. helth	614.47
Proportion		Protectorate Eng. history	942.064
algebra	512.6	Protectorates pol. sci.	321.027
arithmetic	511.6	Proteids chem. of food	641.12
in art esthetics	701	physiology	612.398145
of elevation arch. design	729.13	Proteolytic ferments	
occupiable area		in gastric juice	612.3215
ground hygiene	614.784	nutrition	612.3983
plan arch. design	729.23	physiologic chemistry	612.01513
Proportional representation	324.224	Protestant	
Proprietary libraries	027.2	episcopal church	283
Proprius muscle anat.	611.73843	episcopallians biografy	922.3
Props, plant	631.3452	methodist church	287.7
Propulsion		reformation, <i>see</i> Reformation	
shipbuilding	623.81	sects, continental	284

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Protestantism</b>	<b>284</b>	<b>Pseudonyms bibliografy</b>	<b>014</b>
and Romanism	282	<b>Psoraleae forage crops</b>	<b>633-375</b>
<b>Protestants, French</b>		<b>Psychiatry, see Insanity</b>	
persecutions of	272.4	<b>Psychic</b>	
<b>Protonotario, S. Ital. poet.</b>	851.11	influence on digestion	612.3281
<b>Protophyta botany</b>	<b>589.7</b>	<b>medicin mental pathol.</b>	<b>132</b>
<b>Protoplasm</b>		<b>nervous diseases</b>	<b>616.8</b>
<b>animal physiology</b>	<b>591.17</b>	phenomena	134
biology	576.2	reflexes physiol.	612.8216
cell histology	611.01811	research mind and body	130
physiology	612.01421	<b>Psychoanalysis</b>	<b>131</b>
muscles	612.71	<b>Psychology</b>	
<b>Protovertebrae embryol.</b>	611.01361	<b>abnormal</b>	<b>132</b>
<b>Protozoa paleontology</b>	<b>563</b>	<b>comparativ physiology</b>	<b>612.82131</b>
zoology	<b>593</b>	of fashions dom. econ.	646.01
<b>Provençal</b>		labor pol. econ.	331.015
<b>language</b>	<b>449</b>	pedagogic	370.15
literature	849	philosofy	150
Romanesque architect.	723.44	<b>physiologic</b>	<b>612.821</b>
swine	636.447	<b>Psychomancy divination</b>	133.3
<b><sup>1</sup>Provence, France history</b>	<b>944.9</b>	<b>Psychometry physiology</b>	612.8211
<b>Proverbs, book of Bible</b>	223.7	<b>Psychomotiv centers "</b>	<b>612.8252</b>
folklore	398.9	<b>Psychophysical laws</b>	612.82188
<b><sup>1</sup>Providence, R.I. hist.</b>	974.52	<b>Psychotherapy therapeu.</b>	615.851
<sup>1</sup> co. R. I. "	974.51	<b>Psychrometry meteorol.</b>	551.57
Divine theol.	231.5	<b>Pteridophyta botany</b>	<b>587</b>
natural "	214	<b>Pterodactyl paleontology</b>	568.18
<b>Province Ger. local gov.</b>	352.0431	<b>Pteropoda zoology</b>	594.4
of Canada hist.	971.04	<b>Pterosauria reptils</b>	598.18
<b><sup>2</sup>Provincialisms Eng. lang.</b>	<b>427</b>	<b>Pterygoid muscles anat.</b>	611.73273
<b>Proxy</b>		<b>Ptomains</b>	
system suffrage	324.223	animal poisons	615.94
<b>Pruning</b>		physiology of nutrition	612.398195
operations	631.542	urin	612.461262
tools	631.342	<b>Ptyalin salivary action</b>	612.3132
<b><sup>1</sup>Prussia history</b>	<b>943.1</b>	tryptic digestion	612.3423
<b>Prussian</b>		<b>Puberty physiology</b>	612.661
<b>language, old</b>	<b>491.91</b>	<b>Pubic joints anatomy</b>	611.7281
merinos	636.36731	<b>Pubis "</b>	611.71813
<sup>1</sup> Saxony, Germany hist.	943.18	<b>Public</b>	
travel	914.318	accounts administra.	351.72
<b>Prussic acid mater. med.</b>	615.34	<b>administration</b>	<b>350</b>
toxicology	615.962	<b>analysts adulterations</b>	<b>614.3</b>
<b>Prytz, A. J. Swed. drama</b>	839.7223	annuities	336.35
<b>Psalmody music</b>	783.9	baths	613.47
<b>Psalms Bible</b>	223.2	begging state control	351.763
hymnology	245	<b>bildings architecture</b>	<b>725</b>
<b>Psalter Anglican ritual</b>	264.038	care of	647.96
<b>Pseudepigrafa</b>	229	local governm't	352.5
<b>Pseudo gospels</b>	229.8	charities	361
<b>Pseudocele anat.</b>	611.8139	charity state control	351.84
<b>Pseudomorfs crystallog.</b>	548.6	credit polit. econ.	336.34
<b>Pseudoneuroptera insects</b>	595.73	customs	394
pests	632.73	debt finance	336.3

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Public			<b>Pudendal plexus</b> anat.	611.8359
documents	legis. bodies	328	Pudic nerv	" 611.83595
	library aid	021.841	plexus	" 611.8359
	preservation	025.8	<sup>1</sup> Puebla, Mexico	history 972.4
	print'g & distrib.	655.59	Pueblos	dwellings 571.85
education		379	Puerperal	
	administration	351.851	diseases	obstetrics 618.7
finance		336	fever	pathology 618.72
gaming	state control	351.762		public helth 614.545
gardens		711		state obstetrics 618.6
helth		614	Pugilism	amusement 796
	laws	614.09		ethics 175.6
	local gov't	352.4	Puissant's deduction	
lands		336.1	L.M.Z. formulæ	526.48
law		340	Pujol	Catalan poetry 849.9136
libraries		027.4	<sup>1</sup> Pulaski co. Ill.	history 977.3998
	state control	351.852	<sup>1</sup>	Ind. " 977.292
library	author catalogs	018.1	<sup>1</sup>	Mo. " 977.857
	clast	017.1	Pulci, Luigi	Ital. satire 857.22
	dictionary	019.1	Puller, stump	631.3117
	fee lib. econ.	024.26	Pulley	physics 531.84
notes	polit. econ.	332.5	Pulleys	mech. engin'g 621.856
occasions	sermons	252.6	Pulmonary	
offisers, duties of	ethics	172.2	artery	anat. 611.131
offises	architecture	725.13		aneurism and emb. 616.247
safety	administration	351.75	circulation, blood pressure	612.148
sanitation		614	elasticity	612.212
schools	education	379	muscles	physiology 612.2153
securities	polit. econ.	336.3	respiration	animals 591.127
servis	commissions	380	valvs	anatomy 611.12656
shows	ethics	175.1	veins	" 611.141
speakers	hygiene	613.65	Pulmones	anat. 611.24
speaking, oratory		808.5	Pulmotor	
spirit	patriotism	172.1	first aid	617.18
urinals	sanitation	628.45		drowning 614.812
use and waste of water		628.17		suffocation 614.82
utilities	commerce	380	physiology	612.2321
vs private schools		379.3	therapeutics	615.64
welfare	administration	351.8	Pulp, dental	
works	"	352.5	diseases of	dentistry 617.61
worship		264	Pulpit	
Publications, library		025.122	clergy	262.1
Publicity			eloquence	homiletics 250
election expenditures		324.273	library	propagandism 021.76
Publisher, library as		021.25	oratory	251
Publishers			Pulpits	
and authors		655.52	architectural	accessories 729.92
author catalogs		015	sacred	furniture 247.1
circulars		015	Pulse	
lives		920.4	diagnosis	pathology 616.071
Publishing business		655.5	physiology	612.16
history of		655.4	venous	physiology 612.1342
societies		655.58	wave of blood	physiol. 612.16
Pucci, Antonio	Ital. satire	857.14	Pulverization	prac. chem. 542.22

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Pulverized			Purchases	farm economics	631.171
fertilizer distributor	631.3336		Pure food	pub. health	614.3
Pulverized fuel appliances	621.18377		Purgativs	physiology	612.3344
Pulverizer harrows	631.3134			therapeutics	615.7323
Pulverizing plow	631.3126		Purgatory	theology	236.5
Pumis stone	econ. geol.	553.69	Purification of wastes		628.546
	lithology	552.23	Purifiers, feedwater		621.1972
Pump			Purin		
air	pneumatics	533.5	compounds	nutrition	612.398195
	practical chem.	542	Puritanism	theology	285.9
condensing	pneumatics	533.83	Puritans	Eng. history	942.06
force	"	533.84		relig. hist.	274.2
suction	"	533.85		Mass. history	974.4
wells	waterworks	628.12		persecutions by	272.8
Pumping			Purpose	ethics	171
engins	mechan. eng.	621.64	Purslane		635.46
rams, hydraulic		621.273	Pus	medicin	617.22
stations	sewerage wks	628.29	Puseyism	theology	283
vs gravitation	waterwks	628.12	Push hoe		631.3152
Pumpkins	forage	633.39	<sup>4</sup> Pushtu language		491.58
	kitchen garden	635.624	Pusley		635.46
Pumps	engineering	621.64	Pustular affections of skin		616.52
	hydraulic	621.252	Putativ elements	chemis.	546.99
	injection, hydraulic	621.267	<sup>1</sup> Putnam co. Ill.	history	977.337
	reclamation	631.65	<sup>1</sup>	Ind.	"
	ship machinery	623.87	<sup>1</sup>	Mo.	"
	steam plant	621.1973	<sup>1</sup>	N. Y.	"
Punching tools		621.96	<sup>1</sup>	O.	"
Punctuality	lib. econ.	023.612	<sup>1</sup>	W. Va.	"
<sup>2</sup> Punctuation	Eng. lang.	421.9	Putrefaction	bacteria	589.95
Punctured wounds	surg.	617.144	<sup>1</sup> Puy de Dôme, Fr.	hist.	944.59
Punic wars	Roman hist.	937.04		trav.	914.459
Punishment			Puzzles		793
capital	criminal law	343.2	Pyemia	diseases	616.943
corporal	school	371.55	Pygmies, <i>see</i> Pigmies		
eternal	theology	237.7	Pyknometers	prac. chem.	542.3
future	"	237.6	Pyloric		
law		343.2	artery	anatomy	611.13641
military		355.13	glands	"	611.33
school		371.54	nervs	"	611.8393
<sup>1</sup> Punjab, India	history	954.5	vein	"	611.1493
	travel	915.45	Pylorus	"	611.334
Pupa	embryology	591.34	Pyramidal tract of myel		611.8252
Pupil of eye	anatomy	611.8421	Pyramidalis abdominis		611.7362
	physiology	612.8421	Pyramids	anatomy	611.8181
Pupillometers	"	612.84211		Egyptian	913.32
Pupin coils	telefony	621.38785		geometry	513.35
Puppet plays		792	Pyrenean sheep		636.346
Purchase			Pyrenees mts	travel	914.6
of animals	zootechny	636.08112.	Pyrénées		
college degrees		378.26	<sup>1</sup> Orientales, Fr.	hist.	944.89
farm		631.112	Pyrenomycetes	botany	589.235
fertilizers		631.817	Pyrites	mineral	549.3
territory	pol. sci.	320.1267	Pyrografy		736

Pyrometry temperature 536.52  
 Pyrotecnics chem. tec. 662.1  
 Pyrrhonism Gk philosophy 186.1  
 Pythagorean philosophy 182.2  
 Pythias, knights of sec.soc. 366.2

Quackery  
 delusions 133.7  
 medical state control 614.26  
 Quadrant astron. instrum. 522.41  
 ordnance " 623.4621  
 Quadrate lobe anatomy 611.81318  
 Quadrature  
 integral calculus 517.33  
 of circle geometry 513.21  
 Quadratus femoris anat. 611.73819  
 lumborum " 611.7368  
 Quadric surfaces  
 analytic geometry 516.42  
 modern analytic geom. 516.58  
 geometry 513.58  
 Quadriceps femoris anat. 611.73822  
 Quadrigeminal arms 611.8153  
 Quadrigeminum anat. 611.8153  
 physiol. 612.8265  
 Quadrilateral  
 adjustment of geodesy 526.52  
 Quadrilaterals plane geom. 513.15  
 Quadrumana zoology 599.8  
 Quadrupeds " 599  
 Quadruple expansion engines 621.11267  
 Quadruplex  
 telegrafs communica. 654.2  
 elec. eng. 621.38234  
 Quagga 636.184  
 Quail shooting 799  
 zoology 598.6  
 Quakers lives 922.88  
 persecutions 272.8  
 sects 289.6  
 Qualifications of  
 library executiv 023.41  
 staff 023.51  
 trustees 023.33  
 readers lib. econ. 024.1  
 teachers education 371.11  
 voters suffrage 324.1  
 Qualitativ analysis chem. 544  
 Quality  
 metaphysics 111  
 of food domestic econ. 641.31  
 Quantics algebra 512.87  
 Quantitativ analysis chem. 545  
 Quantities bilding 692.5  
 Quantity  
<sup>3</sup> English prosody 426.1  
 metaphysics 119  
 meters elec. engin'g 621.3745

- Quantity  
of albuminoids in tissues 612.3978  
  blood physiology 612.116  
    in organs 612.189  
  carbohydrates in tissues 612.3967  
  clothing hygiene 613.482  
  fat in food & tissues 612.3977  
  lactic secretion 612.66431  
  water in tissues 612.0144613
- Quarantine  
  administration 352.4  
  contagious disease 614.46  
  laws local government 352.4
- Quarries, prehistoric 571.21
- Quarrying min. engin'g 622.22
- Quarrymen's occupation 613.66
- Quartermasters mil. adm. 355.33
- Quarters, servants architec. 728.92
- Quartet sacred music 783.8
- Quartets vocal music 784.84
- Quartz lithology 552.45  
  mineralogy 549.5  
  receptacles chem. 542.231
- Quartzite lithology 552.45
- Quaternary age geology 551.79
- Quaternions mathematics 516.8
- Quays harbor engineering 627.3
- Quebec, Canada  
  act Can. hist. 971.02  
  city, Que. capture U.S.hist. 973.26  
  <sup>1</sup> history 971.4471  
  <sup>1</sup> co. " " 971.447
- Quebec  
  Jersey cattle 636.2832  
  <sup>1</sup> province history 971.4  
  travels 917.14
- Queen  
  Anne architecture 724.5  
  <sup>1</sup> co. Md. history 975.234  
  Anne's war U. S. " 973.25  
  <sup>1</sup> Charlotte ilands, B.C. hist. 971.1  
  <sup>1</sup>Queens co. Ireland " 941.87  
  <sup>1</sup> New Bruns. " 971.542  
  <sup>1</sup> New York " 974.724  
  <sup>1</sup> Nova Scotia " 971.624  
  <sup>1</sup> P. E. I. " 971.74  
  lives of 923.1  
  <sup>1</sup>Queensland history 994.3
- Queenstown, battle  
  U. S. war of 1812 973.5233
- Quercineae botany 583.976
- Quercy swine 636.445
- <sup>1</sup>Querétaro, Mexico history 972.4
- <sup>1</sup>Quesnes de Bethune 841.15
- Questioning, art of educat. 371.35
- Questions, books of " 371.35  
  on special subject see subject
- Quevedo Villegas, F. G. de  
  Spanish satire 867.3
- Quicksand  
  foundations architecture 721.11
- Quicksilver, *see* Mercury
- Quietism heresies 273.7
- Quietists, persecution of 272.5
- Quince 634.14
- <sup>1</sup>Quincy, Ill. history 977.344  
  system education 371.47
- Quinet, Edgar Fr. essays 844.81
- Quinin therapeutics 615.75
- Quinones organic chem. 547.6
- Quinsy diseases 616.31
- Quintana, M. J. Span. poet. 861.51
- Quintilian Latin oratory 875.6
- Quohog fishery 639.4
- Quoits amusements 796
- Quota system suffrage 324.224
- Quotas U. S. civil war 973.7412
- <sup>1</sup>Quotations Eng. liter. 828  
  gener. collec. 808.8
- Quotient, respiratory 612.231

Rabbinic learning	Judaism	296	Radiolaria	zoology	593.14
Rabbits	dom. animals	636.9	Radioscopy		
	zoology	599.3	diagnosis	pathology	616.077
Rabelais, F.	French satire	847.32	<b>Radiotelegrafy</b>	<b>elec. engin'g</b>	<b>621.3842</b>
Rabener, G.W.; Ger.	"	837.61	Radiotherapy	medicin	615.84
Rabies	<i>see</i> Hydrophobia		Radioulnar joint, inferior		611.72741
Racan, H. de B.	Fr. poetry	841.43	superior		611.72734
Race			Radioulnaris proximalis		611.72734
betterment		613.94	Radish		635.15
horse amusements		798	Radium	inorgan. chem.	546.432
<b>domestic animals</b>		<b>636.12</b>	Radius	anatomy	611.7175
influence on mind		136.4	vector	astronomy	521.38
mortality	public helth	614.144	<sup>1</sup> Radnor, Wales	history	942.96
suffrage		324.15	sheep		636.3245
Racemose cherries		634.24	Raffia	domestic econ.	646.185
Races, coeducation of		371.99	fibers		633.582
hed and tail		621.29	Raft		
movements of pol. sci.		323.1	bridges	engineering	624.87
of man		572	Rafts		
zootechny		636.08211	ship equipment		623.86
Rachel, Joachim	Ger. sat.	837.52	shipblding		623.8212
Racine, Jean	Fr. drama	842.45	Rag gourd		635.627
Louis	poetry	841.52	Ragged schools		377.7
<sup>1</sup> Racine city, Wis.	history	977.597	Rags, control of	pub. helth	614.463
<sup>1</sup> co. " "	"	977.596	disinfection	" "	614.48
Racing			Rahbek, K. L.	Dan. poetry	839.8157
amusements			<sup>1</sup> Rahway, N. J.	history	974.938
boat		797	Raiids	fishes	597.3
horse		798	Railroad		
ethics		175.7	accidents	pub. helth	614.863
news journalism		070.446	transportation		656
library econ.		024.58	corporations		385
Rack			electric		621.33
railways	engineering	625.33	<b>engineering</b>		<b>625</b>
Radial artery	anatomy	611.13431	elevated		625.4
<b>muscles</b>	"	<b>611.7376</b>	freight houses	archit.	725.32
nerv	"	611.8337	government	admin.	351.812
Radiant energy of sun		523.72	horse	mechan. engin'g	625.6
matter		539.7	land grants	pub. finance	336.14
points	meteors	523.53	law		385
<b>Radiates</b>	<b>paleontology</b>	<b>563.2</b>	locomotivs		621.13
<b>zoology</b>		<b>593.2</b>	men	Y. M. C. A.	267.362
Radiation of heat	physics	536.33	officials' lives		923.8
physiol.		612.52	passenger stations	arch.	725.31
Radical axes	mod. geom.	513.54	passes, legislativ		328.347
Radicals, chemic		541.6	rate regulation		385
Radicular fibers of cord		611.8268	reports, state		385
Radio, <i>see</i> Wireless			shops	architecture	725.33
Radioactivity		539.7	transportation	business	656
Radiocarpal joint	anat.	611.72744	sociology		385
Radiochemistry		541.38	travel	protection of life	614.863
Radioculture		631.5882	Railroading		656
Radiografy			Rails	electric engineering	621.3332
diagnosis	pathology	616.077	railroad	"	625.15

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Rails shipbuilding	623.85	Raphia fibers	633.582
Railway		Rapidfire guns ordnance	623.4223
bridges engin'g	624.12	Rapidity of flow of blood	
cookery	641.576	physiology	612.15
employees suffrage	324.247	Rapisardi, M. Ital. poetry	851.86
guides transportation	656	Rappists sects	286.7
stations, care of	647.9631	Raptores birds	598.9
<b>Railways, military</b>	<b>623.63</b>	Rare	
Rain		binding book rarities	095
agric. hindrances	632.16	books lib. restrictions	024.672
protection against zoot.	636.08366	earths inorgan. chem.	546.6
Rainfall farm economics	631.11	illustrations rarities	096
meteorol.	551.57	printing "	094
Rainless regions "	551.58	<b>Rarissima</b> "	<b>090</b>
<sup>1</sup> Rainy River dist. Ont. hist.	971.311	<sup>1</sup> Raritan, N. J. history	974.972
<b>Raising library funds</b>	<b>021.9</b>	<b>Rarities bibliograpy</b>	<b>090</b>
<sup>1</sup> Rajputana, India history	954.4	lib. admin.	025.171
Rakes, garden	631.3156	Rasores birds	598.6
hay	631.3532	<b>Raspberries</b>	<b>634.711</b>
Raking	631.515	Rat disease carrier	614.43
Raleigh, W. discov. of Am.	973.17	domestic economy	648.7
<sup>1</sup> Raleigh co. W. Va. history	975.473	noxious animal	591.68
<sup>1</sup> Ralls co. Mo. history	977.8355	zoology	599.3
<b>Ram, hydraulic engin'g</b>	<b>621.27</b>	traps dom. economy	648.7
physics	532.83	Ratchet gearing engin'g	621.837
Rambouillet sheep	636.3674	Ration	
Ramelsloher fowls	636.533	during growth physiol.	612.394
Ramie agriculture	633.55	for adults "	612.395
botany	583.962	<b>Rational feeding zootech.</b>	<b>636.0844</b>
Rammers artillery	623.463	Rationalism nat. theology	211
Ramsay, Allan Eng. poet.	821.54	Rationalistic age relig. hist.	270.8
Ramsour Mills, N.C. Am. rev.	973.3361	Rationalists, apologetics agst	239.7
Ramus of mandible anat.	611.71643	Rations zootechny	636.08441
<b>Ranales botany</b>	<b>583.11</b>	Rattan fibers	633.588
Ranch, cattle	636.2	Rattlesnake zoology	598.12
Ranches zootechny	636.0813	Rauch, H. J. Dan. drama	839.8231
Randolph, John Am. orat.	815.24	Raven zoology	598.8
<sup>1</sup> Randolph co. Ill. history	977.392	Raw	
Ind. "	977.266	materials, duties on	337.6
Mo. "	977.828	mil. resources	355.24
W. Va. "	975.485	<sup>1</sup> Ray co. Mo. history	977.819
Range		system school gov't	371.595
domestic economy	643.33	Reaction of blood physiol.	612.121
finders ordnance	623.4625	time psychometry	612.8211
scales " instr.	623.4621	Reactors elec. engin'g	621.3146
<b>Rank heraldry</b>	<b>929.7</b>	Read, T; B. Am. poetry	811.35
pol. sci.	323.31	Readers	
<b>Ranks, special education</b>	<b>371.96</b>	aids library economy	028
Ranunculaceæ botany	583.111	<sup>3</sup> elementary, Eng. lang.	428.6
Ranvier's nodes histology	611.0188	librarian's relations to	023.43
Rapateaceæ botany	584.3934	qualifications lib. econ.	024.1
Rape agriculture	633.42	rules " "	024
botany	583.123	<sup>3</sup> selections Eng. language	428.7
law	343		

Reading		
and aids	028	
art of	808.5	
<sup>b</sup> books, higher, English	820.8	
clubs	lib. relations 021.41	
self education	374.22	
courses	028.3	
desks	offis equipment 651	
elementary education	372.4	
first legislation	328.3741	
for the young	028.5	
lists, school educ.	371.643	
of librarians	023.535	
library executiv	023.42	
private self education	374.1	
proofs printing	655.25	
room rules lib. econ.	024.51	
rooms, branch lib. bldgs	022.17	
free, library econ.	027.9	
laboring classes	331.85	
library economy	022.5	
Y. M. C. A.	267.3533	
second legislation	328.3741	
third	" 328.3743	
Readings, halls for	archit. 725.83	
Ready-reckoners	658	
Reagents chem. anal.	544.11	
Real		
character universal lang.	408.9	
estate law	347.2	
taxation pol. econ.	336.22	
presence theology	265.3	
property law	347.2	
Realism philosophy	149.2	
Realty law	347.2	
Reamers machine tools	621.954	
Reapers agriculture	631.354	
steam engin'g	621.146	
Reaping	631.554	
hook	631.3511	
Reapportionment		
representat'n	328.3345	
Reason		
in animals zoology	591.51	
intuitiv faculty	156	
natural theology	210	
physiologic psychology	612.8213	
Reasoning faculty	" 153.6	
Rebellion		
Canadian history	971.038	
1717, 1745 Irish hist.	941.57	
political science	323.2	
southern U. S. hist.	973.7	
Reboul, Jean Fr. poetry	841.75	
Rebuses amusements	793	
Recall administration	351.9	
Receipt, <i>see</i> Receipt		
Receipt		
books cookery	641.5	
index library economy	025.236	
Receipts		
library economy	020.83	
finance	025.114	
medicin	615	
useful arts	602	
workshop chem. tech.	660	
on special subjects see subject		
Receivers law	347.7	
telephone	621.3863	
telegraf	621.3833	
Receiving vaults archit.	726.8	
Recent period geology	551.791	
Receptacles prac. chem.	542.23	
for butter	637.2351	
milk	637.1327	
plants	631.346	
Receptaculum chyli anat.	611.423	
Reception		
of goods lib. economy	025.233	
room dom. "	645.62	
Receptions " "	642.43	
Recesses in schools	371.24	
legislativ bodies	328.355	
Recessional cathedral serv.	783.29	
Recipe books cookery	641.5	
Recipes, <i>see</i> Receipts		
Reciprocal		
polars analytic geom.	516.55	
modern "	513.55	
Reciprocating steam engines	621.112	
Reciprocity free trade	337.9	
Recitation rooms archit.	727.1	
Recitations education	371.32	
Recitative music	784.2	
Reclamation		
drainage agriculture	631.6	
engineering	627.5	
irrigation agriculture	631.7	
engineering	626.8	
Recognition hereafter		
doctrinal theology	237	
Recoil		
mechanism ordnance	623.4356	
mounts mil. engin'g	623.574	
Recommendations		
legislativ procedure	328.372	
Reconnaissance geodesy	526.31	
Reconstruction U. S. hist.	973.8	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Record</b>			<b>Red</b>		
accession	lib. econ.	025.241	swine, Berkshire		636.4263
clock	library econ.	023.611	Jersey		636.483
offices	architecture	725.15	Tamworth		636.4262
Recorders, telegraf		621.3833	top		633.23
Recording meters, elec.		621.373	vegetable dyes		633.863
Records, legislativ		328.363	Redcap poultry		636.525
school		371.2	Redemption theology		234.3
<b>Recreation</b>			Redemptionists mon. orders		271.79
bildings	architecture	725.8	Redemptorists	"	271.6
hygiene		613.7	Reds, shorthaird goats		636.396
rooms	lib. bildings	022.66	Reduced wages	pol. econ.	331.5
<b>Recreations</b>			Reducing valvs	steam eng.	621.1854
hygiene		613.74	Reduction		
laboring classes		331.84	in organisms	phys.chem.	612.01536
school hygiene		371.74	of results	geodesy	526.75
<b>Recreativ arts</b>		790	<sup>2</sup> Reduplication Eng.etymol.		422.3
Recruiting	mil. science	355.22	Redwood	botany	585.2
Rectangular coordinates			Redy reckoners		658
spheric astronomy		522.72	Reed wind instruments		788.9
Recti capitis	anatomy	611.7319	Reeds		633.586
Rectifiers	electric eng.	621.3137	Reefs, coral	geology	551.96
Rectilinear motion	dynam.	531.31	Reenberg, Töger	Dan.poet.	839.8142
<b>Rectum</b>			<b>Reference</b>		
administration of med.		615.62	books	library admin.	025.5
anatomy		611.35	restricted lib. econ.		024.671
diseases		616.35	use of aids		028.7
physiology		612.366	department	lib. econ.	025.5
<b>Rectus</b>			hours	" "	024.36
capitis anticus major	anat.	611.7337	exact	literary methods	029.1
minor	"	611.7338	room	lib. bildings	022.53
lateralis	"	611.7319	staff	" economy	023.73
femoris	"	611.73822	<b>use of libraries</b>		024.5
Recuperators	gun mounts	623.4357	References, reader's		024.14
<b>Red</b>			<b>Referendum</b>	legislation	328.264
Bank, N. J.	Am. revol.	973.3337	polit. science		321.4
cattle, polled		636.2264	Refiners' occupation	hyg.	613.62
shorthorn		636.2225	Refining	cheesemaking	637.3332
corpuscles	physiology	612.111	oil	public helth	614.724
proportion		612.1128	<b>Reflecting</b>		
Cross societies	charities	361	circle	astron. instrum.	522.41
Great war		940.4771	instruments	optics	535.87
globules of blood	physiol.	612.111	telescopes	astron.	522.21
kafir		633.177	Reflection	heat	536.31
pepper		633.842	light		535.3
raspberries		634.714	mental faculty		153.4
river			Reflections	perspectiv	515.64
campain	U.S.civ.war	973.7363	<b>Reflex action</b>	physiology	612.833
exped.	" " "	973.754	zoology		591.18
rebellion	Can. hist.	971.051	<b>Reflexes</b>		
<sup>1</sup> river settlement, Can. hist.		971.27	cardiac	physiology	612.1786
trav.		917.127	psychic	"	612.8216
sea	physical geografy	551.467	respiratory	"	612.288

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Reform</b>				<b>Regaldi, G.</b>	Ital. poetry	851.77
bill, 1832	Eng. suffrage	324.42		<b>Regattas</b>	amusements	797
civil servis		351.6			college and sch.	371.75
legislativ bodies		328.394		<b>Regencies</b>	Eng. admin.	354.4203
prison	sociology	365			const.hist.	342.429
schools		364		<b>Regeneration</b>		
	architecture	725.64		of bone	physiology	612.753
	education	371.93		liver	"	612.359
	sociology	301		muscle	"	612.7465
<sup>3</sup> spelling	Eng. language	421.4		nervs	physiology	612.8185
suffrage		324.28		physiologic	zoology	591.16
<b>Reformation</b>				physiology		612.603
age of	Europ. history	940.22		theology		234.4
German	history	943.03		<b>Regents</b>	library gov't	023.3
religious	"	270.6		<b>Reggio di Calabria, Italy</b>		
Scandinavian	history	948.04		<sup>1</sup>	history	945.79
Swiss	history	949.403			travel	914.579
<b>Reformatories</b>				<b>Regicides</b>	biography	923.41
architecture		725.6		<b>Regimen</b>	hygiene	613
hygiene		613.57		<b>Regiment</b>	mil. science	355.31
inebriate		362.8		<b>Regimental hist.</b>	U.S.civ.war	973.744-49
Reformatory associations		364		<b>Regiments, history of</b>	state	353.9
<b>Reformd</b>				<b>Regional anatomy</b>		611.9
church, Dutch		284.1			surgery	617.5
	in Amer.	285.7		<b>Registers, family</b>		929.3
episcopal church		283			of births	929.3
presbyterian	"	285.5			deeds law	347.2
<b>Reformers</b>	biografy	923.6			servants	647.29
<b>Refracting</b>					U. S. army officers	353.6
media of eye	anat.	611.844			navy "	353.7
	physiology	612.844		<b>Registration</b>		
telescopes		522.22		of conveyances	law	347.2
<b>Refraction</b>					land Torrens system	333.3
heat		536.32			readers lib. economy	024.15
ocular	physiology	612.844			public helth	614.1
ophthalmology		617.75			statistics	311
optics		535.3			system suffrage	324.242
practical astronomy		522.92		<b>Regnard, J. F.</b>	Fr. satire	847.47
<b>Refractometers</b>	optics	535.3		<b>Regnault gasometers</b>	chem.	542.75
	quan.anal.	545.8		<b>Regnier, Mathurin</b>	Fr.sat.	847.35
<b>Refractory period</b>				<b>Regular</b>		
brain	physiol. psych.	612.8211		army	U. S. civ. war	973.7411
hart	physiology	612.1723			and navy union	369.111
reflexes	compar. physiol.	612.82932			vet. soc.	369.112
	physiology	612.833951			baptists sects	286.1
<b>Refreshment bild'gs</b>	arch.	725.7		<b>Regulation</b>		
<b>Refreshments</b>	dom. econ.	642.2		of animal heat	physics	612.53
<b>Refrigeration</b>					medical practis	614.25
apparatus	dairy	637.1321			voltaic current eng.	621.3527
mechanical	engin'g	621.56		<b>Regulations</b>		
shipbilding		623.826		army	military science	355
<b>Refrigerators</b>	dom. econ.	643.37		navy	naval "	359
<b>Refuge, houses of</b>		364		readers	library econ.	024
<b>Refuse, see Waste</b>						

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



<b>Regulators</b>			
feedwater	steam eng.	621.1972	
potential	elec. eng.	621.3145	
sewerage		628.258	
vacuum	prac. chem.	542.77	
see also	special subject		
<b>Reid, T:</b>	British philos.	192.5	
	intuitionism	143	
<b>Reign of terror</b>	Fr. hist.	944.044	
<b>Reil, island of</b>	anatomy	611.81319	
<b>Reinaert</b>	Dutch satire	839.371	
<b>Reincarnation</b>		129.4	
<b>Reindeer</b>			
domestic animals		636.294	
milk cheese		637.3553	
ship	U. S. war of 1812	973.5255	
zoology		599.7	
"Reineke Vos"	Ger. satire	837.31	
<b>Reinforced</b>			
blocks	roads	625.87	
concrete	engin'g	620.137	
<b>Reissner's fibers</b>	anat.	611.828	
<b>Relapsing fever</b>	diseases	616.924	
<b>Relations</b>			
domestic, political science		323	
foren	" "	327	
international		327	
of capital and labor		331.1	
church and state			
ethics		172.3	
pol. sci.		322	
religion		261.7	
librarian and staff		023.55	
to public		023.43	
teachers to community		371.104	
parents		371.103	
<b>Relationship</b>		929.1	
<b>Relativ</b>			
location	lib. econ.	025.8	
majority	suffrage	324.263	
pronouns	Eng. etymol.	422.7	
syntax		425.7	
<b>Relays, telegraf</b>	elec. eng.	621.38321	
<b>Releasing-gear engines</b>		621.1644	
<b>Relics</b>	miracles	231.7	
<b>Relief</b>			
corps, women's		369.161	
decoration in	architec.	729.5	
bilding		698.8	
maps	phys. geog.	551.4	
special regions		914-919	
union, woman's veteran		369.162	
work	charity	361	
parish		258	
<b>Religion</b>		200	
<b>and education</b>		377	
science	apologetics	239.8	
nat. theol.		215	
<b>Christian</b>		200	
comparativ		290	
natural		210	
practical		240	
suffrage qualifications		324.15	
<b>Religions, non-Christian</b>		290	
<b>Religious</b>			
anecdotes		244	
architecture		726	
art		246	
associations		206	
general, for activ work		267	
local	parish work	256	
of special sects		280	
on special subjects	see subj.		
biograpy		922	
ceremonies	ritual	264	
sacraments		265	
controversy		270	
on special subjects	see subj.		
days	lib. econ.	024.42	
special cookery		641.566	
education		377	
of clergy		207	
festivals		264	
fiction		244	
history		270	
institutions		260	
liberty		261.7	
life	Great war	940.478	
U. S. civ. war		973.778	
limitations	cookery	641.565	
orders, monastic		271	
painting	art	755	
ecclesiology		247.5	
poetry		245	
sects		280	
societies	see associations		
symbolism		246	
<b>Remainder sales</b>			
books	bookselling	655.56	
library buying		025.223	
<b>Remains</b>	paleontology	560	
<b>Remedies, legal</b>		347.95	
pathology		616	
therapeutics		615.5	
zootechny		636.0895	
<b>Remittent fever</b>	pub. helth	614.532	
<b>Remonstrants</b>	sects	284.9	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Remuneration			Reporting journalism	070.42
library economy	023.8		shorthand	653.046
political "	331.2		Reports, law American	345.4
Renaissance			British	346.4
architecture	724.1		library administra.	025.123
European history	940.21		mining	622.009
fine arts	709		see also special subject	
religious history	270.5		Repoussé work fine arts	739
sculpture	735		roofs	721.56
Renal			Representation	324.22
artery anatomy	611.1367		American revolution	973.3114
circulation physiol.	612.4634		legislatures	328.334
diseases	616.61		Representativ gov't pol.sci.	321.8
function pathol. changes	612.466		Reprisal international law	341.3
nervs anatomy	611.8393		Reproduction	
veins anatomy	611.1462		botany	581.16
Renan, Ernest Fr. essays	844.82		embryology	581.3
Renard the fox Dut. satire	839.371		Reproduction	
Fr. "	847.12		human embryology	611.013
Ger. "	837.31		physiology	612.6
legends	398.2		zoology	591.16
Rendering works air pollu.	614.742		embryology	591.3
Renewals legis. membership	328.3356		zootechny	636.0824
lib. econ.	024.64		Reproductiv power psych.	154
Renfrew, Scotland hist.	941.41		Reptils paleontology	568.1
co. Ont. "	971.381		zoology	598.1
Rennet cheesemaking	637.3331		Republic	
cheese	637.355		French history 1st	944.042
cow's milk	637.351		2d	944.07
Rensselaer co. N. Y.	974.741		3d	944.08
Rent			German history	943.085
farm economics	631.113		political science	321.8
of state property	336.11		Roman history	937.02
political economy	333		Spanish "	946.08
Renting farm systems	631.1154		Republican	
Rents, pew cleric support	254		institutions	321.8
Repair of waste			party, U. S.	329.6
physiol. zoology	591.136		Republicans U. S. history	973.4
physiology	612.395		" "	973.66
ships shipblding	623.826		" "	973.7
Repairs blding laws	692.9		" "	973.8
dom. econ.	643.7		" "	973.911-2
road engin'g	625.76		Republics, Ital. history	945.04
Repeated stress engin'g	620.11246		pol. sci.	321.5
Repeaters			Repudiation finance	336.36
duplex telegraf	621.38325		Repulsion motors engin'g	621.31366
half "	621.38326		Repulsiv force astron.	523.17
simplex "	621.38324		Required majority legislat'n	328.375
Repeating			Reredos fixt furniture	729.96
election frauds	324.272		sacred "	247.2
rifles small arms	623.4423		Resaca de la Palma, battle	973.6234
Repentance doctrin	234.5		Research	
Repetitions, method geod.	526.56		endowment education	378.32
Replevin law	347.95		psychic mind and body	130

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Rescue from drowning	614.811	Respiration	
of shipwreck	614.868	<b>animals</b>	<b>591.12</b>
Resection surgery	617.94	<b>cutaneous physiology</b>	<b>612.793</b>
Resedaceæ botany	583.133	effect of facial nervs on	612.81973
Resemblance		vagus	612.819912
protectiv zoology	591.57	on blood pressure	612.1461
Resen, Peder Dan. misc.	839.883	temperature	612.534
Reservation of bks lib.econ.	024.66	<b>physiology</b>	<b>612.2</b>
Reservoirs		Respiratory	
irrigation agriculture	631.71	exchanges and indirect	
sewerage	628.28	calorimetry	612.5123
waterworks	628.13	<b>movements physiology</b>	<b>612.21</b>
Residence		organs comp. anat.	591.42
compensation of teachers	371.164	descriptiv anat.	591.72
eligibility legis. bodies	328.331	system <b>anatomy</b>	<b>611.2</b>
of readers lib. rules	024.12	diseases of	616.2
requirement for degree	378.241	drugs acting on	615.72
rooms lib. bldgs	022.69	<b>physiology</b>	<b>612.2</b>
suffrage qualifications	324.16	surgery	617.42
Residences architecture	728	Responsibilities	
official arch.	725.17	of library executiv	023.43
Residual calculus	517	teachers	371.101
Residues		Responsibility	
animal fertilizers	631.843	human doct. theol.	233.4
industrial zootechny	636.08557	ethics	171
vegetable fertilizers	631.876	of readers lib. econ.	024.14
Resignations		Responsiv	
legislativ bodies	328.3357	choral servis	783.24
Resins		readings public worship	264.4
chemic technology	668.4	Rest	
fossil economic geol.	553.29	and sleep hygiene	613.79
gathering	631.5568	cure therapeutics	615.85
Resistance		<b>laboring classes</b>	<b>331.81</b>
boxes elec. engin'g	621.3742	physiology of	612.7662
electric, of skin physiol.	612.795	Restaurants architecture	725.71
meters elec. engin'g	621.3742	cookery	641.572
of materials engin'g	620.11	dom. econ.	647.95
mol. phys.	539.4	<b>table systems</b>	<b>642.5</b>
water hydraulics	532.58	Restiaceæ botany	584.83
Resisting medium		Restif da la Bretonne, N. E.	843.57
descriptiv astron.	523.15	Restiform bodies anat.	611.8182
theoretic "	521.44	<sup>1</sup> Restigouche co. N. B. hist.	971.511
Resolutions		Restis anatomy	611.8182
<b>joint legis. procedure</b>	<b>328.377</b>	Restitutions lib. econ.	024.87
Resonators acoustics	534.4	Restoration	
Resorts		English history	942.066
<b>bildings hygiene</b>	<b>613.5</b>	French "	944.06
helth "	613.12	of citizenship pol. sci.	323.64
summer architecture	728.52	the Jews	296
Resources		Restriction	
<b>military</b>	<b>355.2</b>	election contributions	324.273
national conservation	339	of books lib. econ.	024.67
natural "	333	contagious diseases	614.44

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Restrictions			Reverberatory furnaces	542.42
on legislation	pol. sci.	328.256	Reversible plow	631.3124
legislators		328.34	Reversionary	
Results of			payments	finance 336.35
civil war	U. S. hist.	973.71	insurance	368.31
election	suffrage	324.26	<sup>2</sup> Reviews, see subject reviewed	
Great war		940.314	Revised	
Mex. war	U. S. hist.	973.621	statutes	Amer. law 345.2
revolution	"	973.31	version	Eng. Bible 220.52
Spanish war	"	973.891	New Test.	225.52
war of 1812	"	973.521	Old "	221.52
Resumption			Revision	
of specie pay't	U.S.hist.	973.83	of electoral lists	324.241
U. S. finance		336.73	English Bible	220.52
Resurrection	Christology	232.5	Revival	
doct. theol.		236.8	Gothic	architecture 724.3
Resuscitation of the drowned		614.812	Grecian	" 724.2
Retail stores	architecture	725.21	of letters, literary hist.	809
Retaining walls		624.1	Romanesque arch.	724.8
Retardation	plant culture	631.545	Revivals	
Reticular	spinal cord	611.8226	army	U. S. civ. war 973.778
Reticular tissue	histology	611.01824	music	783.7
Reticulum	"	611.01824	religious	269
Retina	anatomy	611.843	Reviscent animals	612.0144611
eye diseases		617.73	Revolts	
physiology		612.843	internal relations	pol. sci. 323.2
Retirement from mil. servis		355.114	Revolution	
Retorts, glass	prac. chem.	542.231	American history	973.3
porcelain	" "	542.232	daughters of the	369.136
Retrahens muscle	anat.	611.7324	English, 1688	history 942.068
Retreats, religious		269	form of state	321.092
Retribution	doct. theol.	237.6	French, 1789	history 944.04
Retroauricular glands		611.4632	1830	" 944.063
Retroperitoneal fossae		611.384	1848	" 944.07
Retropharyngeal glands		611.4636	of the earth	astronomy 525.35
Retrovaccination	cont. dis.	614.4737	sons of the	369.134
Return systems	elec. trac.	621.33217	territorial	expansion 320.1269
Returns			Revolutionary societies	369.13
butter business		637.218	Revolutions	internal rela. 323.2
cheese	"	637.318	Revolvers	
dairy	"	637.118	manufacture	683
farm finances		631.18	military efficiency	623.4434
zootechny		636.01818	Revolving book cases	022.914
Reuchlin	medieval philos.	189.5	cranes	engin'g 621.873
Reunion	public order	351.752	harrow	631.3135
<sup>1</sup> Reuss, Germany	history	943.28	Rewards	
Revaccination	contag. dis.	614.4734	and punishments	theol. 233.4
Revaccination	" "	614.4736	military	355.13
Revelation, book of	Bible	228	school	371.53
divine		231.6	Reynard the fox	Dut. sat. 839.371
Revenue			Fr. "	847.12
cutters	shipbuilding	623.826	Ger. "	837.31
legislative power		328.341	legends	398.2
state finance		336	<sup>1</sup> Reynolds co. Mo.	history 977.8885

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Rhaetia ancient history 939.84  
**†Rhaeto-Romansch language** 459  
 Rhamneæ botany 583.275  
 Rhenish  
<sup>1</sup> Bavaria, Germany hist. 943.43  
<sup>1</sup> Prussia " " 943.42  
     Prussian horse 636.143  
     sheep 636.3334  
 Rheostats elec. eng. 621.3174  
 Rhetoric 808  
     **sacred homiletics** 251  
 Rheumatic fever diseases 616.991  
 Rheumatism " 616.991  
 Rhine  
     Confederation 943.06  
     travel 914.34  
 Rhinencephalon anat. 611.8133  
 Rhinoceros zoology 599.7  
 Rhinology anatomy 611.86  
     diseases 616.21  
     **physiology** 612.86  
 Rhinoplastic operations 617.95  
 Rhizophoreæ botany 583.411  
 Rhizopoda zoology 593.11  
<sup>1</sup>Rhode Island U. S. hist. 974.5  
     For military history, see sub-  
     divisions of Special campaigns  
     and Military history under  
     973.3, 973.7 and 973.89  
 Rhode Island red fowls 636.584  
 Rhodes ancient history 939.16  
     knights of 929.711  
<sup>1</sup> modern hist. 949.96  
     scholarships 378.34  
<sup>1</sup>Rhodesia, Africa hist. 968.9  
 Rhodium inorgan. chem. 546.97  
 Rhododendron botany 583.62  
 Rhombencephalon, isthmus 611.816  
 Rhomboid ligament anat. 611.7271  
     muscles " 611.73113  
 Rhomboidal sinus " 611.828  
<sup>1</sup>Rhône, France history 944.58  
 Rhône ducks 636.5974  
     sheep 636.3336  
 Rhubarb gardening 635.49  
<sup>†</sup>Rhymes English prosody 426.6  
<sup>†</sup>Rhyming dictionaries, Eng. 426.6  
 Rynchota insects 595.75  
     pests 632.75  
 Rhyolite lithology 552.25  
 Rhythm  
     cardiac physiology 612.1722  
     in reflexes " 612.82932  
     respiratory " 612.216
- Ribaceous fruits** 634.72  
 Ribault, J: discov. of Amer. 973.18  
 Ribs anatomy 611.712  
 Rice  
     cereals agriculture 633.18  
     corn " 633.178  
 Richard <sup>1</sup> Eng. history 942.032  
     <sup>2</sup> " " 942.038  
     <sup>3</sup> " " 942.046  
     of Cornwall, Ger. his. 943.025  
 Richardson, S: Eng. fic. 823.61  
<sup>1</sup>Richelieu co. Que. history 971.451  
     river, Que. travel 917.145  
<sup>1</sup>Richland co. Ill. history 977.377  
<sup>1</sup> O. " 977.128  
<sup>1</sup> Wis. " 977.575  
<sup>1</sup>Richmond, Ind. hist. 977.263  
     Va.  
     For military history, see sub-  
     divisions of Special campaigns  
     under 973.7  
<sup>1</sup> co. New York hist. 974.726  
<sup>1</sup> Nova Scotia " 971.696  
<sup>1</sup> Que. " 971.465  
 Richter, J: P. F; Ger. fic. 833.62  
 Rickets diseases 616.996  
 Riddles amusement 793  
     popular life 398.6  
 Rideau lakes, Ont. travel 917.1373  
 Riding  
     cultivator 631.3163  
     habits clothing 646.47  
     halls and schools arch. 725.88  
     plow 631.3122  
     recreations 798  
     roller 631.3141  
     school hygiene 371.736  
 Riel's rebellion 1st Can. hist. 971.051  
     2d " " 971.054  
 Rifle  
     manufacture 683  
     **military engineering** 623.442  
     equipment 355.82  
     shooting amusement 799  
**Rifled ordnance mil. eng.** 623.42  
 Rifling mil. engin'g 623.4236  
 Rigging shipbuilding 623.86  
 Right  
     ascension, variations of 521.27  
     hart anatomy 611.123  
     hereditary legis. bod. 328.3352  
     lines analytic geometry 516.11  
     loci in space " 516.31  
     plane geometry 513.11

Right			
of assembly	pol. sci.	323.7	
petition	"	323.8	
search	internat. law	341	
standard of	ethics	171	
Righteousness	pers. relig.	248	
Righthandedness		612.76	
Rights			
and liberties	const. law	342	
civil,	<i>see</i> Civil rights		
land	political economy	333	
of aliens	pol. sci.	323.67	
political science		323	
water	pol. econ.	333.9	
Rigid			
dirigibles	aeronautics	629.155	
suspension bridges		624.53	
Rigor mortis	physiology	612.742	
of muscles	physiol.	612.7461	
Rima glottidis	anat.	611.225	
<sup>2</sup> Rimes	English prosody	426.6	
<sup>2</sup> Riming dictionaries,	Eng.	426.6	
<sup>1</sup> Rimouski co. Que.	history	971.477	
Rinderpest	veterin. med.	619.2	
Ring shell	ordnance	623.4515	
<sup>1</sup> Ringgold co. Ia.	history	977.787	
campaign	U.S.civ.war	973.7359	
Ringing	agriculture	631.54224	
Rings			
boiler	steam engin'g	621.18453	
finger	costume	391.7	
sacred ornaments		247.6	
strength of materials		620.11286	
Ringwaldt, B.	Ger. poetry	831.45	
Ringworm	diseases	616.57	
Rinks			
bicycle	architecture	725.86	
ethics		175.1	
skating	architecture	725.86	
Rinuccini, O.	Ital. dram.	852.52	
Rio Grande	campaign	973.6234	
<sup>1</sup> Rio Janeiro	history	981	
travels		918.1	
Rioja, F. de	Spanish poetry	861.38	
Rios, J. A. de los	" misc.	868.52	
Riots			
internal relations	pol. sci.	323.2	
law		343	
local,	<i>see</i> name of place		
state control		351.752	
Riparian rights	pol. econ.	333.9	
Ripening			
buttermaking		637.2337	
plant growth		631.5476	
<sup>1</sup> Ripley co. Ind.	history	977.214	
<sup>1</sup> Mo.	"	977.8894	
Ripplemarks	geology	551.83	
Ritchie, A.C.M.	Am. dram.	812.31	
<sup>1</sup> Ritchie co. W. Va.	hist.	975.424	
Rites and ceremonies		394.4	
Ritual	public worship	264	
Ritualism		264	
Rivadeneira, Pedro de		868.35	
River			
boats	shipbuilding	623.824	
crossing	sewerage works	628.26	
engineering		627	
transportation	sociology	387	
Rivers			
engineering		627.1	
frontiers	pol. sci.	320.1284	
hydraulics		532.54	
physical geografy		551.48	
pollution	sanit. eng.	628.541	
water supply		628.11	
<sup>1</sup> Riverside co. Cal.	hist.	979.497	
Riveted joints	mech. eng.	621.884	
plumbing		696.4	
Riveting tools	mech. eng.	621.97	
Rivets			
mechanical eng.		621.884	
plumbing		696.4	
strength of materials		620.11287	
Ro	universal language	408.9	
Roaches	pests	632.72	
Road			
bed	highway engin'g	625.73	
railroad	"	625.12	
systems	highway eng.	625.71	
Roadrollers	gas engines	621.4382	
roadmaking		625.7	
steam engines		621.145	
Roads			
agriculture		631.28	
and pavements	engin'g	625.7	
cable	"	625.5	
elevated	"	625.4	
engineering	"	625.7	
military	mil. eng.	623.62	
stone	engineering	625.86	
Roan ducks		636.5974	
<sup>1</sup> Roane co. W. Va.	history	975.436	
Roanoke island, N. C.			
battle	U. S. civ. war	973.7324	
naval hist.	"	973.752	
Roasting	cookery	641.71	
Robbers	biografy	923.41	
Robbery	criminal law	343	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Robert <sup>2</sup> French history	944.021	Rollenhagen, G; Ger.poetry	831.46
of Gloucester	821.13	Roller	
Robin Hood Eng. ballads	821.04	bearings mech. eng.	621.822
legends	398.2	shelvs	022.46
Robinsonaden Ger. fiction	833.54	Rollers engineering	620.11284
Rocaberti, Fra Catalan lit.	849.912	farm machinery	631.314
<sup>1</sup> Rochester, N. Y. history	974.789	Rolling	
<sup>1</sup> Rock co. Ill. history	977.339	bridges engineering	624.85
<sup>1</sup> Wis. " "	977.587	friction mechanics	531.45
Rock		mills manuf'g plant	621.77
analysis chemistry	543.6	metal manuf.	671
blasting engineering	622.23	stock electric. eng.	621.334
carvings archeology	571.73	railway "	625.2
crystal, <i>see</i> Quartz		tillage	631.515
drills machine tools	621.952	Rolls	
foundations architecture	721.11	of honor military	355.1
minerals determination	552.81	schools	371.53
natural fertilizers	631.851	pianola lib. economy	025.178
salt economic geology	553.63	Romagnole swine	636.45
structure lithology	552.82	<sup>4</sup> Romaic language	489
Rock Island, Ill. history	977.339	<sup>5</sup> literature	889
Rockets, signal mil. eng.	623.45444	Roman	
<sup>1</sup> Rockford, Ill. history	977.331	architecture	722.7
<sup>1</sup> Rockingham co. N. H. hist.	974.26	art	709.37
<sup>1</sup> Rockland co. N. Y. " "	974.728	baths hygiene	613.46
Rocks		catholic church	282
cleavage of geology	551.84	catholics biography	922.2
conductivity of "	551.14	dominion in Spain	946.01
lithology	552	empire	937.06
polarity in geology	551.84	Holy	943
Rocky mts, U. S. travel	917.8	history, ancient	937
Canada " "	917.12	<sup>1</sup> modern	945.6
Rococo		inquisition persecutions	272.2
style architecture	724.19	law	349.37
Rodentia zoology	599.3	literature	870
Rodolph <sup>1</sup> Ger. history	943.026	mythology	292
" " "	943.034	orders monastic orders	271
Rodriguez Rubi, Tomas	862.52	of architecture	729.32
Rods		republic history	937.02
glass prac. chemistry	542.231	sculpture	733
steam locomotiv	621.1341	supremacy relig. history	270.4
strength of materials	620.11282	Roman de la Rose Fr.poet.	841.18
Roentgen rays, <i>see</i> X rays		du Renard " satire	847.12
Roig, Jacme Catal. poetry	849.9133	<sup>5</sup> Romance, English	823
Rojas y Zorrilla, F. de	862.36	languages	479
Roland		literatures	879
chanson de Fr. poetry	841.11	religious	244
legends	398.2	Romances, Los Sp. poetry	861.26
Rolando's		Romanesque	
fasciculus cord	611.8261	architecture	723.4
medulla	611.8182	revival architecture	724.8
groove cerebrum	611.81312	Romanism	282
Roll call		Romanos, R. M. de Span.lit.	863.52
legislativ procedure	328.375	Romans, epistle to Bible	227.1

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Romans d'aventures		
Provençal poetry	849.123	
*Romansh language	459.9	
literature	859.9	
Romantic orchestral music	785.3	
piano music	786.43	
vocal "	784.3	
Romany gipsies	397	
Rome		
ancient history	937	
church of	282	
missions	266.2	
theology	230.2	
city, ancient hist.	937.6	
modern "	945.6	
travels	914.56	
Römer, Ole Dan. misc.	839.883	
Romish church	282	
Romney marsh sheep	636.3215	
Rondo piano music	786.41	
Ronsard, Pierre de Fr.poet.	841.34	
Röntgen rays, <i>see</i> X rays		
Rood screen fixt furniture	729.96	
sacred "	247.2	
Roof		
gardens dom. economy	645.8	
nuclei anatomy	611.81713	
of mouth "	611.315	
Roofs		
architectural design	729.35	
construction architect.	721.5	
coverings bilding	695	
engineering	624.9	
Rooms		
library, in other bilding	022.37	
plans	022.342	
school	371.62	
special lib. bildings	022.6	
Root		
crops field	633.4	
garden	635.1	
harvesting	631.5564	
cuttings	631.5356	
grafting	631.54141	
maggots pests	632.77	
suckers	631.5331	
washers	631.3626	
Roots edible	635.1	
perfumes	633.815	
Rope		
hemp mill gearing	621.853	
making	677	
suspension bridge	624.52	
walking entertainment	791	
Rope		
wire mill gearing	621.854	
strength of	620.11288	
Roquefort cheese	637.3551	
Rosa, Salvatore Ital. satire	857.55	
Rosaceæ botany	583.37	
Rosales "	583.3	
<sup>1</sup> Roscommon, Ireland hist.	941.75	
co. Mich. "	977.476	
Roscommon sheep	636.3219	
Rose botany	583.37	
culture	716.2	
perfume plants	633.811	
apple fruits	634.422	
Rosemary perfume plants	633.812	
Rosenkranz, H. Dan. misc.	839.883	
Rosenmüller's organ anat.	611.6676	
Rosenstein cattle	636.2452	
Roses, wars of Eng. hist.	942.04	
Rosetta stone		
Egyptian inscriptions	493.117	
Greek "	481.7	
Rosetti, D. G. Eng. poetry	821.84	
G. Ital. "	851.72	
Rosicrucians secret soc.	366.4	
Rosini, Giovanni Ital. fic.	853.71	
Rosminian fathers	271.79	
<sup>1</sup> Ross co. O. history	977.182	
Scotland hist.	941.16	
Rota, Bernardino Ital. poet.	851.42	
Rotary		
blowers engineering	621.62	
converters elec. engin'g	621.31357	
engins engin types	621.11296	
stationary	621.166	
pumps engineering	621.66	
spaders	631.3115	
Rotation		
in offis U. S. history	973.56	
of earth	525.35	
hevenly bodies	521.15	
sun	523.73	
physics	531.34	
Rotatores muscle anat.	611.73168	
Rote teaching education	371.31	
Rotgans. L. Dutch poetry	839.3141	
Rötheln public helth	614.524	
Rotifera zoology	595.1	
Rotor		
steam turbin design	621.16534	
stresses steam turbins	621.16514	
Rotten		
boros representation	328.3345	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index.



<sup>1</sup> Rotterdam	history	949.2	Rubies	cattle	636.2261	
	travel	914.92		econom. geol.	553.8	
Roucher, J. A.	Fr. poetry	841.55		manufacture	666.8	
<sup>1</sup> Rouen, Fr.	history	944.25	Rubrics	Anglican ritual	264.032	
	travel	914.425	Rucellai, G.	Ital. poetry	851.33	
Rouen ducks		636.5974	Rückert, F.	Ger. poetry	831.74	
Roulette	amusements	795	Rudbeck, Olof	Swed. misc.	839.7831	
	ethics	175.5	Rudder	shipbuilding	623.85	
Roulettes	anal. geom.	516.26	Rugosa	zoology	593.61	
<sup>1</sup> Roumania	history	949.8	Rugs	domestic economy	645.1	
<sup>4</sup> Roumanian language		459.9		library	022.964	
	swine	636.474		manufactures	677	
Roumanille, J.	Proven. poet.	849.144		oriental	745	
Round			Ruins	antiquities	913	
	bullets	small arms	623.4551	Ruiz, Juan	Span. satire	867.1
	dances	amusements	793	Rulers	biografy	923.1
		ethics <sup>f</sup>	175.3		palaces of architect.	725.17
	houses	R. R. architect.	725.33	Rules		
	shot	ordnance	623.45111		committee legis. proc.	327.375
	table	Arthurian romance	398.2		for readers library econ.	024
	vocal music		784.1		staff	" "
	worms	parasit. diseases	616.965		legislativ procedure	328.371
Roundheded borers	pests	632.76		of order, parliamentary	328.1	
Roundheds	Eng. history	942.062		school	371.51	
Roundup	stock farming	636.08111	Rum	chemic technology	663.5	
Rousseau, J: B.	Fr. poetry	841.51	<sup>1</sup> Rumania	history	949.8	
	J: J.	" fiction	843.56		travel	914.98
		" philos.	194.4	Rumanian swine	636.474	
Roussillon	swine	636.447	<sup>4</sup> Rumansh language		459.9	
Route	canal engineering	626.1		literature	859.9	
	railroad	"	625.11	Ruminants	zoology	599.7
<sup>1</sup> Rouville co. Que.	history	971.453		greater agriculture	636.2	
Rovere, A. de	Dut. poetry	839.3121		small	"	
Row markers		631.3314	Rumination	physiology	612.3275	
Rowboats	boatbuilding	623.829	Rumpless fowls		636.5882	
Rowe, N.	English drama	822.55	Runeberg, J. L.	Swed. poet.	839.7167	
Rowing	sport	797	Runes		439.6	
Rowson, Susanna	Am. fic.	813.22		Anglo-Saxon	429.17	
<sup>1</sup> Roxburgh, Scotland	hist.	941.47		German	437.01	
Roxburghiaceæ	botany	584.31		Gothic	439.917	
Royal houses	heraldry	929.7	Runic inscriptions		439.617	
	lives	biografy	923.1	Runius, Johan	Swed. poet.	839.7136
Rubaceous fruits		634.71	Runners	library econ.	023.78	
Rubarb	agriculture	635.49		plant culture	631.5332	
Rubber	dom. econ.	646.181	Running			
	manufactures	678		gear	electric cars	621.33347
Rubble stone	foundations	721.1332			locomotivs	621.135
Rubefaciants	therapeutics	615.773			railroad engin'g	625.21
Rubeola	diseases	616.916		horse		636.122
	public helth	614.524		hygiene		613.72
Rubiaceæ	botany	583.52		pigeons		636.59613
Rubiales	"	583.51		sewing		646.21
Rubidium	inorgan. chem.	546.35		sports		796

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Rupert German history	943.027	Russo-	
Rupture of genital tract	618.55	Japanese war	Jap. hist. 952
surgery	617.55		Rus. " 947.08
Rural		Turkish war	1736-92 947.06
architecture	728		1853-56 947.07
cemeteries	719		1877-78 947.08
economy agriculture	631.1	Rust, anti-, processes	bldg 691.7
free delivery postal serv.	383	fungi	589.225
libraries	027.42	joints plumbing	696.6
life agriculture	630.1	Rut zootechny	636.082451
newspapers	070.236	Rutabaga field crops	633.426
roads engineering	625.711	garden "	635.126
schools	379.173	Rutaceæ botany	583.23
sports	796	Rutebeuf French poetry	841.17
water supply	628.7	Ruth Bible	222.3
Rush, Benjamin Am.essays	814.21	<sup>4</sup> Ruthenian language	491.79
<sup>1</sup> Rush co. Ind. history	977.261	Ruthenium inorg. chem.	546.96
Rushes agriculture	633.585	<sup>1</sup> Rutland co. Eng. history	942.54
botany	584.9	" Vt. "	974.37
Ruskin, John Eng. essays	824.86	Rydberg, V. Swed. fiction	839.7367
<sup>1</sup> Russell co. Ont. history	971.385	Rydellius, Anders " misc.	839.7834
Russia		Rye	
administration	354.47	cereals	633.14
botany	581.947	grass forage crops	633.263
finance	336.47	House plot Eng. hist.	942.066
geology	554.7	Ryeland sheep	636.3242
heraldry	929.6	Ryswick, peace of treaties	341.24
<sup>1</sup> history	947		
<sup>1</sup> in Asia history	957		
maps	912.47		
peerage	929.77		
schools	379.47		
statistics	314.7		
titles of honor	929.77		
travel	914.7		
treaties	341.247		
other topics see table 1			
Russian			
almond	634.552		
<sup>1</sup> America, Alaska history	979.8		
architecture	723.2		
baths architecture	725.73		
hygiene	613.46		
cattle	636.271		
church sects	281.9		
horse	636.1271		
<sup>4</sup> language	491.7		
<sup>8</sup> literature	891.7		
music	781.7		
poultry	636.571		
sheep	636.371		
swine	636.475		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Saenen goat 636.3939
- Saavedra, Fajardo, D. de  
Span. miscellany 868.36
- Sabbatarians Christ. sect 289.9
- Sabbath 263  
schools 268
- Sabbatic year librarians 023.664  
teachers 371.168
- Sabeism philosophy 181.7
- Sabellian heresies 273.3
- Sabiaceæ botany 583.291
- Sabini ancient history 937.4
- Sabotage 331.89
- <sup>1</sup>Sac cc. Ia. history 977.7424
- Saccharomycetes botany 589.91
- Saccharose nutrition 612.39614
- Saccharum agriculture 633.61
- Sacchetti, Franco Ital. fict. 853.21
- Saccule anatomy 611.8524  
physiology 612.8582
- Sachs, Hans Ger. poetry 831.44
- Sacral  
artery, lateral anat 611.1374  
middle " 611.1363  
cord " 611.8215
- Sacramentals pub. worship 264.9
- <sup>1</sup>Sacramento city Cal. hist. 979.454  
" co. " " 979.453
- Sacraments 265  
Anglic. ritual 264.035
- Sacred  
art 246  
biography 922  
drama miracle plays 792  
religion 244  
furniture 247  
history 270  
music 783  
poetry 245  
rhetoric 251
- Sacrifice birth customs 392.2  
christology 232.4
- Sacrifices Bible 220.93  
sacraments 265.3
- Sacrilege 265.9
- Sacrocoxygeal joints 611.7217
- Sacroiliac joints 611.7281
- Sacrosciatic ligament 611.7281
- Sacrum anatomy 611.7117
- Sad irons laundry 648.42
- Saddle  
bags farm transport 631.3732  
breaking to zootechny 636.08861  
goat 636.3936
- Saddle  
grafting 631.54134  
horses 636.13
- Saddlery trade 685
- Saddles agriculture 631.373
- Sadi-Carnot French hist. 944.08
- Saengerbund music festival 784.5
- Safe deposit bldgs archit. 725.24  
storage " 725.35
- Safes manufactures 672
- Safety  
appliances 614.8  
devices elec. line 621.3198  
station 621.3178  
elevators 621.87785  
ordnance 623.4243  
steam locom. 621.139  
turbins 621.16535  
telephone station 621.38794  
terminal 621.38694  
telegraf 621.38328  
lamps min. engin'g 622.47  
valvs locomot. boiler 621.1339  
steam " 621.18473  
piping 621.1854
- <sup>1</sup>Sagadahoc co. Me. hist. 974.18
- Sagas, Norse 839.6
- Sage cheese 637.3542  
garden crops 635.71  
foundation 306
- <sup>1</sup>Saginaw city, Mich. hist. 977.446  
" co. " " 977.446
- Sago chemic technology 664.2
- <sup>1</sup>Saguenay co. Que. history 971.417
- <sup>1</sup>Sahara desert history 966.1  
phys. geog. 551.58
- Sailing directions 656  
great circle navig. 527.5  
vessels, early 623.821  
modern 623.822
- Sailmaking trade 689
- Sailors biography 926.56  
suffrage 324.177
- Sails ship outfit 623.86
- Sainfoin 633.361
- Saint  
Albans raid U. S. hist. 973.722  
Vt. " 974.3  
Amant, M. A. G. Fr. satire 847.42  
Bartholomew massacre 272.4  
Bernard, hospice of  
protection of life 614.87  
<sup>1</sup> Catherines city, Ont. hist. 971.351  
<sup>1</sup> Charles co. Mo. history 977.839

Saint	
<sup>1</sup> Clair co. Ill. history	977.389
<sup>1</sup> Mich. "	977.441
<sup>1</sup> Mo. "	977.8466
Clair's exped. U. S. hist.	973.42
<sup>1</sup> Croix co. Wis. history	977.541
Evremond Fr. essays	844.42
<sup>1</sup> François co. Mo. history	977.868
<sup>1</sup> Helena history	997
<sup>1</sup> Hyacinthe co. Que. hist.	971.452
<sup>1</sup> John city, N. B. "	971.532
<sup>1</sup> co. " "	971.532
lake, Que. travel	917.1414
of Jerusal. knights of	929.711
John's bread	634.462
<sup>1</sup> co. Que. history	971.438
<sup>1</sup> Joseph co. Ind. history	977.289
<sup>1</sup> Mich. "	977.419
<sup>1</sup> Mo. "	977.8131
<sup>1</sup> Lawrence co. N.Y. "	974.756
<sup>1</sup> river, Que. "	971.4
<sup>1</sup> Louis city, Mo. "	977.866
travel	917.7866
<sup>1</sup> co. Mo. history	977.865
Marc Girardin Fr. essays	844.75
<sup>1</sup> Mary co. Md. history	975.241
<sup>1</sup> Maurice co. Que. "	971.445
Petersburg, Russia "	947.4
trav.	914.74
Pierre, J. H: B. de Fr.fic.	843.61
Simonism socialism	335.2
<sup>1</sup> Thomas city, Ont. hist.	971.335
Vitus' dance diseases	616.851
Sainte Beuve, C: A. Fr. lit.	844.74
<sup>1</sup> Genevieve co. Mo. hist.	977.869
Saintonge sheep	636.3427
Saints	
apostolic lives of	225.92
days labor holidays	331.817
doctrin	235
in art ecclesiology	246
painting	755
Latter day biograpy	922.98
doctrin	298
lives of	922
Salads cookery	641.83
garden crops	635.5
see also special names	
Salar: anders batrachia	597.9
Salaries legislatures	328.333
library servis	023.8
of teachers	371.16
pol. econ.	331.2
Salary loans	332.313
payments lib. fin.	025.115
Sale catalogs of books	017-019
stock	636.08188
of duplicates lib.econ.	025.265
milk	637.135
state prop. finance	336:12
<sup>1</sup> Salem city, N. J. history	974.992
<sup>1</sup> co. " "	974.991
Salernitano, M. Ital. fict.	853.31
<sup>1</sup> Salerno, Italy history	945.74
Salesmen's occupation hyg.	613.65
Salic laws Ger. law	349.432
Salicin nutrition	612.396175
Salicineæ botany	583.981
Salicylates therapeutics	615.75
Salicylic acid org. chem.	547.76
disinfec. cont.dis.	614.486
Salin	
substances in urin	612.4616
waters econ. geology	553.72
<sup>1</sup> Saline co. Ill. history	977.3992
<sup>1</sup> Mo. " "	977.847
Salins cathartics	615.7322
Saliva physiology	612.313
therapeutics	615.741
Salivary	
glands anatomy	611.316
physiology	612.313
nucleus anatomy	611.81768
secretion physiol. zool.	591.143
Salivation physiology	612.81977
Salles d'asile	372.944
Sallust Latin literature	878.2
Salmon fishes	597.5
fishing amusem't	799
business	639.2
Salomon and Morolf Ger.sat.	837.22
Saloon furnishings ships	623.86
Saloons architecture	725.72
billiard "	725.84
temperance	178.4
<sup>1</sup> Salop, England history	942.45
Salsify	635.16
Salt	
baths hygiene	613.45
prac. chem.	542.46
feeding zootechny	636.08431
food zootechny	636.0877
foods hygiene	613.28
lithology	552.53
manufacture	664.4
mining	622.36
rock economic geology	553.63

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Salting buttermaking 637.2335  
 Saltpeter mineralogy 549.72  
 Salts  
   absorption physiology 612.3821  
   chemic technology 661.4  
   chemistry of food 641.17  
   in muscle physiology 612.74416  
   mesology 612.014463  
   nutrition physiology 612.39261  
   of ammonia chem. tech. 661.5  
   stomach absorption of 612.32275  
   theoretic chemistry 541.4  
 Saluste du Bartas, G. de  
   French poetry 841.37  
 Salvadoraceæ botany 583.716  
 Salvage maritime law 347.7  
 Salvation doctr. theology 234  
   army ass'ns 267.15  
   Great war 940.4772  
 Salviati, L. Ital. essays 854.45  
 Salzburg, Austria hist. 943.63  
 Samaniego, F. M. de 861.44  
 Samaritan language 492.5  
 Samaritans sects 296  
 Samarium inorg. chem. 546.692  
 Samfire agriculture 635.74  
 Samnite wars Roman hist. 937.03  
 Samnium ancient " 937.7  
 Samoa, Polynesia " 996.1  
 Samos ancient " 939.14  
 1 modern " 949.94  
 Saphire 635.74  
 Samsøe, O. J. Dan. drama 839.8253  
 Samuel Old Testament 222.4  
 Samydaceæ botany 583.451  
 San Antonio, battle 973.6238  
 1 Benito co. Cal. hist. 979.475  
 1 Bernardino co. " " 979.495  
 1 Clemente il. " " 979.493  
 1 Diego city " " 979.498  
 1 co. " " 979.498  
   Domingo, annex. treaty  
     U. S. history 973.82  
 1 apricot 634.654  
   history 972.93  
 1 Francisco city Cal. " 979.461  
 1 co. " " 979.461  
 1 Joaquin co. " " 979.455  
 1 José city " " 979.474  
   scale pests 632.75  
   Juan boundary U.S. " 973.82  
 1 Luis Obispo co. Cal. " 979.478  
 1 Potosi, Mex. " 972.4  
 1 Mateo co. Cal. " 979.469  
 1 Miguel il. " " 979.491  
 1 San Nicholas il. " " 979.492  
 1 Salvador " " 972.84  
 Sancho 4 Span. miscel. 868.12  
 Sanctification doctr.theol. 234.8  
 Sanctis, F de Ital. essays 854.81  
 Sanctuary legal antiq. 340.3  
 Sanctus sacred music 783.22  
 Sand, George Fr. fiction 843.82  
 Sand  
   baths prac. chemistry 542.45  
   blasts pneumatic mach. 621.549  
   cherry 634.24  
   filtration water supply 628.16  
   foundation architect. 721.11  
   petrology lithology 552.51  
   piles architecture 721.141  
   storms 551.51  
 Sandals costume 391.4  
 Sandalwood perfumes 633.814  
 Sandbugs zoology 595.36  
 Sandemanianism sects 289.9  
 Sander, K. L. Dan. drama 839.8256  
 Sands econ. geology 553.62  
 Sandstone " " 553.53  
   lithology 552.51  
   old red 551.74  
 1 Sandusky city, O. hist. 977.1221  
 1 co. " " 977.1214  
 1 Sandwich ilands history 996.9  
 Sandwiches cookery 641.84  
 Sandys, George Am. poet. 811.11  
 1 Sangamon co. Ill. history 977.356  
 Sangreal legends 398.2  
 Sanguification physiology 612.119  
 Sanhedrim Judaism 296  
 1 Sanilac, Mich. history 977.443  
 Sanitariums helth resorts 613.12  
   institutions 362.1  
 Sanitary  
   affairs public helth 614  
   appliances hygiene 613.08  
     pub. helth 614.08  
   commission U. S. civ. war 973.7771  
   commissions local gov't 352.4  
     U. S. 361  
   districts Eng. loc. gov. 352.0425  
   engineering 628  
   fairs U. S. civil war 973.7772  
   inspection of schools 371.711  
   laws public helth 614.09  
   mesures dom. econ. 648  
     public helth 614.09  
   police administration 351.77  
   reports public helth 614.09

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Sanitary					
<b>science</b>	<b>engineering</b>	<b>628</b>			
<b>surveys</b>	<b>public health</b>	<b>614.77</b>			
Sanitation					
<b>industrial</b>	<b>engineering</b>	<b>628.5</b>			
<b>military</b>		<b>623.75</b>			
<b>of house</b>	<b>dom. econ.</b>	<b>648.5</b>			
<b>towns</b>	<b>engineering</b>	<b>628.4</b>			
<b>principles of</b>	"	<b>628</b>			
<b>public</b>		<b>614</b>			
<b>school buildings</b>		<b>371.626</b>			
<b>veterinary, pub. health</b>		<b>614.9</b>			
Sannazzaro, J.	Ital. poetry	851.26			
<sup>4</sup> Sanskrit language		491.2			
<b>literature</b>		<b>891.2</b>			
Santa					
<sup>1</sup> Barbara co. Cal.	hist.	979.491			
<sup>1</sup> il. "	"	979.491			
<sup>1</sup> Catalina il.	"	979.493			
<sup>1</sup> Clara co.	"	979.473			
<sup>1</sup> Cruz co.	"	979.471			
<sup>1</sup> il. "	"	979.491			
<sup>1</sup> Rosa il.	"	979.491			
Santalaceæ	botany	583.943			
Santiago					
<sup>1</sup> Chile	history	983			
travel		918.3			
Cuba, siege	U. S. hist.	973.893			
de Cuba, soc'ty of army of		369.182			
<sup>1</sup> Santo Domingo	history	972.93			
Santorini's duct	anatomy	611.375			
muscle	"	611.7326			
<sup>1</sup> Saône et Loire, Fr.	hist.	944.43			
Sap, circulation of	botany	581.11			
collectors		631.3568			
gathering		631.5568			
Saphenous					
nerv, internal	anat.	611.83554			
vein, long	"	611.14733			
short	"	611.14738			
Sapindaceæ	botany	583.281			
Sapindales	"	583.28			
Sapodilla	agriculture	634.431			
<b>family</b>	"	<b>634.43</b>			
Saponin	nutrition	612.396175			
Sapota		634.343			
Sapotaceæ	botany	583.681			
Sapotaceous fruits		634.43			
Sappers	mil. science	358.3			
Sappho	Greek poetry	884.2			
Saprolegniæ	botany	589.26			
Saps	military engineering	623.24			
<sup>1</sup> Saracen empire	history	953			
Saracenic architecture		723.3			
Saratoga battle	Am. revol.	973.3333			
<sup>1</sup> co. N. Y.	history	974.748			
Sarcoma	diseases	616.992			
Sarcophagi	burial customs	393.1			
Sardinia	ancient history	937.9			
<sup>1</sup> modern	"	945.9			
Sardinian sheep		636.35			
Sardou, Victorien	Fr. dram.	842.86			
Sarmatia Asiatica anc. hist.		939.52			
Europa	"	939.81			
Sarpi, Paolo	Ital. essays	843.51			
Sarraceniaceæ	botany	585.121			
<sup>1</sup> Sarthe, France	history	944.17			
Sartorius muscle	anat.	611.73821			
Sash	arch. construction	721.83			
<sup>1</sup> Saskatchewan, Can.	hist.	971.24			
Sassacus, ship	U. S. civ. war	973.754			
Sassafras		633.824			
Sassanian architecture		722.5			
Sassanians	ancient history	935.7			
Satan	doctrinal theology	235			
Satanism	"	235			
witchcraft		133.4			
Satellites					
action of	astronomy	521.42			
theoretic	"	521.6			
<sup>1</sup> Satire	Eng. literature	827			
Satires, religious		244			
Satiric music, dramatic		782.6			
Satirists, English	lives	928.27			
Saturn	astronomy	523.46			
Satyre Ménéippée, La	Fr. sat.	847.33			
<sup>1</sup> Sauk co. Wis.	history	971.576			
<sup>1</sup> Sault Ste Marie, Ont.	hist.	977.313			
<b>Saurians</b>		<b>598.1</b>			
Sauropterygia	reptils	598.16			
Sautering	cookery	641.77			
Savages	ethnology	572.7			
Savannah, Ga.					
campaign	U. S. civ. war	973.7378			
capture	Amer. revol.	973.3347			
<sup>1</sup> history		975.8			
siege	Amer. revol.	973.3357			
travels		917.58			
Savings banks					
architecture		725.24			
political economy		332.2			
school	education	371.673			
state control		351.825			
Savory	agriculture	635.71			
Savoy					
declaration	doct. theol.	238.5			
<sup>1</sup> France	history	944.48			
house of	Ital. history	945			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Saw mills	674	Scandinavia	heraldry	929.6
Sawflies pests	632.79	1	history	948
Saws			peerage	929.78
machine tools	engin'g	621.93	Scandinavian	
pruning		631.3426	4 language	439.5
1 Sawyer co. Wis.	history	977.516	4 literature	839.5
Saxe, J.-G.	Am. satire	817.35	philosofers	198
1 Saxe-Altenburg, Ger.	hist.	943.24	lives	921.8 ]
1 Gotha-Coburg	" "	943.25	protestants	284.7
1 Meiningen	" "	943.26	sheep	636.372
1 Weimar	" "	943.23	Scandium	inorgan. chem. 546.69
Saxhorn	wind instrument	788.42	Scansores	birds 598.7
Saxifragæ	botany	583.38	Scaphoid	
Saxo Grammaticus	Dan. lit.	839.8811	bone, carpal	anatomy 611.71771
Saxon			tarsal	" 611.71876
4 Anglo-	language	429	cuboid joints	" 611.72856
	literature	829	cuneiform joints	" 611.72856
goat		636.393	Scaphopoda	zoology 594.2
4 old	language	439.2	Scapula	anatomy 611.7171
	literature	839.2	Scapular artery, dorsal	anat. 611.1348
Romanesque	architect.	723.42	Scapuloclavicular joint	611.72724
sheep		636.36733	Scarecrows	agriculture 632.9
1 Saxony	history	943.21	Scarf skin	anatomy 611.771
	house of, Ger.	hist. 943.022	Scarfs, hed	toilet 646.55
1	Prussian	" " 788.18	Scarifier, hand	631.3153
Saxophone	wind instrum.	788.43	horse	631.3162
Saybrook platform	creeds	238.5	Scarlatina	diseases 616.917
Scabs	labor strikes	331.891	Scarlet fever	pathology 616.917
Scagliola	masonry	693.64	pub. helth	614.522
Scala media	anatomy	611.8521	strawberry	634.754
Scalds	surgery	617.11	Scarron, Paul	Fr. satire 648.43
Scale			Scavenging of towns	628.4
contract	wages	331.22	Scene painting	painting 750
insects	pests	632.75	theater	792
prevention, boiler		621.1944	Scent glands	
Scalenus	anatomy	611.7339	comparativ	physiol. 612.493
Scales			economic	zoology 591.66
comparativ	anatomy	611.785	physiologic	" 591.144
mesuring	instruments	530.8	protectiv	organs 591.57
music		781.2	Scepticism, etc.	see Scepticism
practical	chemistry	542.32	Schedules	
track	railway engin'g	625.18	tarif	finance 336.26
wage	political economy	331.22	Scheele, K.V.	Swed. misc. 839.7848
watch and instrum.	mak'g	681	Schefer, L.	Ger. poetry 831.81
weights and mesures		389	Scheffel, J. V. von	Ger. fic. 833.83
Scallion		635.263	Schelling	Ger. philosofoy 193.4
Scallop	fishery	639.4	1 Schenectady, N. Y.	hist. 974.744
squash		635.621	Scherzo	orchestral music 785.1
Scalping	war customs	399	Schiller, J.; C. F.	Ger. dram. 832.63
Scalvies	diseases	616.9685	Schimmel, H. J.	Dut. " 839.3253
public helth		614.55	Schism	
Scaly affections of skin		616.51	Avignon	270.5
Scandal	ethics	177.2	Eastern & Western	ch. 270.3
Scandaroons	pigeons	636.59627	in the church	eccles. pol. 262.8

Topics in black face type are subdivided: Superior figures refer to the tables at the end of this index

Schists lithology	552.43	Schools	
Schizomycetes botany	589.95	special curriculums	375.008
Schleiermacher Ger. phil.	193.6	higher educ.	378.99
Schlemm's canal anat.	611.8415	Sunday	268
Schleswig horse	636.143	<sup>2</sup> see special subject	
<sup>1</sup> Schleswig-Holstein, Ger. hist.	943.51	Schopenhauer Ger. philos.	193.7
Holstein swine	636.434	<sup>1</sup> Schuyler co. Ill. history	977.347
<sup>1</sup> Schoharie co. N. Y. hist.	974.745	<sup>1</sup> Mo " "	977.826
Scholars citizenship	323.65	<sup>1</sup> N. Y. " "	974.781
Scholar's life self-culture	374	Ft Amer. revol.	973.3334
Scholarships		<sup>1</sup> Schuylkill co. Pa. history	974.817
research	378.34	Schwann's sheath histol.	611.018833
school tuition	371.22	<sup>1</sup> Schwartzburg, Ger. hist.	943.27
Scholastic philosophers' lives	921.9	Schwarzthal goat	633.3936
philosophy	189.4	Schwarzthal "	636.3936
Schöning, G. . Dan. misc.	839.8844	Schwarzwald "	636.393
School		Sciatic artery anat.	611.13765
architecture	727	Sciatica diseases	616.87
buildings education	371.62	Science	
board room lib. bldgs	022.612	and religion apologetics	239.8
city student gov't	371.595	nat. theol.	215
districts Eng. loc. gov.	352.0426	applied	600
equipment	371.6	Bible	220.85
funds state education	379.11	biography of	925
furniture	371.63	elementary education	372.3
gardens elem. educ.	372.36	mental	150
grounds	371.61	military	355
hygiene	371.7	moral	170
libraries education	371.64	natural	500
library econ.	027.8	naval	359
lunch rooms	642.58	of religion	201
meals school hygiene	371.716	political	320
premises	371.6	sanitary	628
promenades school hyg.	371.737	social sociology	300
savings banks	371.673	study teaching	507
texts Eng. language	428	Sciences, classification of	501
Y. M. C. A. work	267.361	natural	500
<sup>1</sup> Schoolcraft co. Mich. hist.	977.493	occult	133
Schools		Scientific	
agricultural	630.712	buildings architecture	727
and libraries lib. econ.	021.3	explorations, general	508.3
architecture	727	management business	658
education	370	men, lives of	925
hygiene	613.54	surveys, general	508.3
library propagandism	021.75	systems economics	330.15
training	020.7	travels	508.3
of painting	759	Scientists, apologetics ag'st	239.8
parochial education	377.5	<sup>1</sup> Scilly Islands history	942.37
parish work	257	travel	914.237
public	379	Scion grafting	631.5411
reform	364	Sciopticon optics	535.86
architecture	725.64	<sup>1</sup> Scioto co. O. history	977.187
riding "	725.88	Scitamineæ botany	584.21

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Sclera anatomy	611.8415	Scotland	
physiology	612.8415	treaties	341.241
Sclerotic coat anatomy	611.8415	universities	378.41
eye diseases	617.71	zoology	591.941
Scollop fishery	639.4	<sup>1</sup> Scotland co. Mo. history	977.831
Scolymus	635.167	Scott	
Sconces domestic econ.	644.325	Dred, case U. S. civ. war	973.7115
Scoops, water steam locom.	621.1363	decision slavery	326.973
Scooter cultivators	631.3127	U.S.hist.	973.68
" plows	631.3162	Walter Eng. fiction	823.73
Scope and usefulness of lib.	021	poetry	821.74
Scoria volcanic rocks	552.21	<sup>1</sup> Scott co. Ill. history	977.345
Scorpions zoology	595.4	" Ind. "	977.218
Scorzenera	635.166	" Ia. "	977.769
Scotch		" Mo. "	977.897
<sup>1</sup> border history	941.4	Scott-Brown shorthand	653.53
travel	914.14	Scottish, <i>see</i> Scotch	
episcopal church	283.41	Scott's campaign Mex. war	973.6236
poetry	821	Scotus, Duns mediev. phil.	189.4
cattle, beef	636.223	Erigena " "	189.4
dairy	636.225	Scovil shorthand	653.37
churches, presbyterian	285	Scows boatbuilding	623.829
covenant creeds	238.5	<sup>1</sup> Scranton, Pa. history	974.837
deists apologetics	239.5	Scrap	
English dialects	427.9	book methods	029.3
episcopal church	283.41	books general collec.	040
gray fowls	636.527	for special see subject	
<sup>4</sup> language	491.63	Scrape horse cultivators	631.3164
music, vocal	784.4	Scraper hand tools	631.3153
philosofers biography	921.2	Scrapers, pruning	631.3427
philosofy	192	Scraping pruning	631.54215
poetry	821	Screen doors arch. constr.	721.83
ponies	636.162	Screening min. engin'g	622.74
poultry	636.528	Screens	
presbyterians biography	922.541	architectural construc.	721.87
Romanesque architecture	723.41	domestic economy	645.3
sheep	636.325	fixt furniture	729.96
Scotland		food	648.7
administration	354.41	Screw	
antiquities	913.41	brakes gun mounts	623.43562
architecture	720.941	cutting mech. engin'g	621.882
botany	581.941	gears " "	621.8333
colleges	378.41	jacks " "	621.869
constitutional law	342.41	joints plumbing	696.5
education	370.941	physics	531.87
finance	336.41	pile foundations	721.152
geology	554.1	propellers engineering	621.12
<sup>1</sup> history	941	shipbuilding	623.87
laws	349.41	strength of materials	620.11287
maps	912.41	threads mech. engin'g	621.882
religious history	274.1	Screws fastenings	621.882
schools, public	379.41	Scribe, A. E. Fr. drama	842.73
statistics	314.1	Script writing	652
travel	914.1		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Scriptural biography	Bible	220.92	Sea		
	N. T.	225.92	shore resorts	hygiene	613.12
	O. T.	221.92	urchins	fishery	639.6
Scripture				paleontology	563.95
chronologies		220.94		zoology	593.95
commentaries		220.7	walls	engineering	627.4
concordances		220.2	weeds	botany	589.3
dictionaries		220.3		fertilizers	631.873
harmonies of gospels		226.1	Seal engraving		736
histories		220.95	fishing		639.1
readings	public worship	264.3	Seals	college	378.27
<b>Scriptures, holy</b>	<b>Bible</b>	<b>220</b>		heraldry	929.8
Scriveboard	shipbuilding	623.83		zoology	599.7
Scrofula	diseases	616.996	Seamanship		656
Scroll-sawing		749	Seamen's lives		926.56
Scrophularineæ	botany	583.81	Search		
Scrotum	anatomy	611.638	light	elec. engineering	621.32582
	diseases of	616.67		military	623.731
Scrutin				right of	internat. law
d'arrondissement	suffrage	324.221			341.3
de liste	"	324.222	Seashore resorts	hygiene	613.12
Scudéry, G <sup>e</sup> de	Fr. fiction	843.44	Seasickness	diseases	616.33
M. de	"	843.45		physiology	612.8862
Scuffle	harrow	631.3137	Seaside cottages	architec.	728.7
hoe		631.3152	resorts	hygiene	613.12
Scuffler	horse cultivators	631.3162	Season		
Sculptors	biography	927.3	grafting		631.5412
<b>Sculpture</b>		<b>730</b>	vacation	lib. econ.	023.661
prehistoric		571.73	Seasoning	leaves	635.71
sacred ornamentation		247.3	<b>Seasons</b>	astronomy	525.5
school decoration		371.637		hygiene	613.13
Scurvy	diseases	616.39		zoology	591.54
Scutage	feudalism	321.3	<b>Seating capacity</b>	architec.	729.2
Scythe, <i>see</i>	Sithe		Seats		
Scythia	ancient history	939.51	aviation		629.182
Scythian language		494	ballooning		629.162
Sea			country	architecture	728.8
anemones	zoology	593.6	<b>Seaweeds</b>	botany	589.3
aqueous erosion		551.35		fertilizers	631.873
baths	hygiene	613.45	Sebaceous		
cow		599.5	glands	anatomy	611.773
cucumbers	zoology	593.96		disorders of	616.53
fishery	business	639.2		secretion	animals
food	fishery	639	<sup>1</sup> Sebastopol, Russia	hist.	947.7
grape	agriculture	634.664	goose	poultry	636.5987
grapes	zoology	594.9	Sebright game fowls		636.58813
kale		635.33	Secession		
	beet	635.42	church of Scotland		285.6
laws		347.7	law		342
lilies	zoology	593.91	U. S. history		973.7
mats	"	594.7	Secessionists in North		
mosses	algae	589.3	U. S. civil war		973.718
power		359	Second		
serpent	delusions	133.7	advent of Christ		232.6
			adventists	sects	286.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Second  
   ballot suffrage 324.248  
   empire Fr. history 944.07  
   language elem. educ. 372.65  
   nerv anatomy 611.8312  
     physiology 612.8192  
   sight 133.3  
   war with Eng. U.S.hist. 973.52  
     Gt. Brit., soc. of 369.144  
 Secondary  
   batteries electricity 537.84  
   cells elec. engineering 621.354  
   period geology 551.76  
   schools for girls. 376.63  
     gymnastics in 371.7323  
     library equipm't 371.646  
     manual train'g in 371.423  
     public 379.17  
 Secret  
   ballot suffrage 324.245  
   servis Amer. revol. 973.385  
     Great war 940.485  
     U. S. civ. war 973.785  
       war of 1812 973.528  
   societies 366  
     bildings arch. 728.4  
     college 371.85  
   writing cryptografy 652  
 Secretaries  
   legislativ bodies 328.3623  
 Secreton  
   animals 591.14  
   intestinal  
     action of nervs on 612.3381  
     pathologic changes 612.336  
     physiology 612.333  
   lactic physiology 612.6643  
   of liver " 612.35  
   physiology 612.4  
 Secretary organs  
   animals comp. anat. 591.44  
     descriptiv anat. 591.74  
 Sectarian  
   schools, public aid to 379.121  
   teaching in schools 377.1  
 Sects, Christian 280  
 Secular changes of season  
   education 377  
 Sédaine, M. J: Fr. drama 842.57  
<sup>1</sup>Sedalia, Mo. history 977.8481  
 Sedentary life hygiene 613.65  
 Sedges fibers 633.585  
 Sedimentary rocks lithol. 552.5  
 Sedition law 343  
   act U. S. history 973.44  
 See eccles. polity 262.3  
 Seed  
   catalogs 631.5212  
   selection 631.5211  
   sowers 631.331  
 Seedage 631.331  
 Seeders 631.3311  
 Seeding machinery 631.33  
   plow 631.3127  
 Seedling plant culture 631.5471  
 Seeds  
   edible 635.6  
 Segment shell ordnance 623.4515  
 Segmentation embryology 611.01331  
 Segregation geol. agents 551.98  
   vs coeducation 376.7  
 Segura de Astorga, J.L. 861.14  
 Seigniories, abol'n Can. hist. 971.4  
<sup>1</sup>Seine et Marne, Fr. hist. 944.37  
<sup>1</sup> Oise, " " 944.36  
<sup>1</sup> Inférieure, " " 944.25  
 Seismology 551.2  
 Selachii fishes 597.3  
 Selaginæ botany 583.876  
 Selecting lib. books, meth. of  
   animals zootech. 636.0811  
 Selection  
   natural evolution 575.4  
     physiology 612.609  
   of books, etc. lib. econ. 025.21  
     candidates suffrage 324.23  
     farm 631.11  
     offisers civil servis 351.1  
     library trustees 023.31  
     manuscripts publish. 655.51  
     plants 631.521  
   sexual evolution 575.5  
   zootechny 636.081  
<sup>3</sup>Selections Eng. philology 428.7  
 Selectiv system telefone 621.38524  
 Selenids mineralogy 549.3  
 Selenium inorganic chem. 546.23  
 Self  
   binders 631.3541  
   culture 374  
   defense, art of athletics 796  
   education 374  
   government pol. sci. 321.8  
     school 371.59  
 Selfishness ethics 179.8  
<sup>1</sup>Selkirk, Scotland history 941.46

Selling			<b>Sense</b>	<b>mental faculties</b>	<b>152</b>
products farm econ.	631.18		<b>physiology</b>		<b>612.8218</b>
votes suffrage	324.271		Sensibility		
Sem Tob, Rabbi Span. lit.	861.16		and movement <b>physiol.</b>	612.8114	
Sematology philology	419.1		<b>chromatic</b> "	<b>612.8433</b>	
Semiautomatic telephones	621.38572		cutaneous <b>physiol.</b>	612.794	
Semicircular canals anat.	611.8526		<b>mental faculties</b>	157	
<b>Semidetacht city houses</b>	<b>728.34</b>		<b>physiologic psychology</b>	612.82133	
Semidiameter			<b>recurrent physiology</b>	612.812	
of celestial bodies	522.93		to pain "	612.884	
Semilunar			<b>sound</b> "	612.85876	
bones, carpal <b>anatomy</b>	611.71772		<b>Sensitiv plant botany</b>	583.32	
ganglion, cranial "	611.8915		<b>physiol. bot.</b>	581.5	
ganglions, symp. "	611.8393		<b>Sensory</b>		
valvs "	611.12656		and motor nervs, <b>distinc.</b>	612.811	
Semimembranosus muscle	611.73829		<b>apparatus anatomy</b>	611.8	
Seminal vesicles <b>anatomy</b>	611.636		<b>delusions physiology</b>	612.82189	
Seminar room lib. bildings	022.653		<b>ganglions</b> "	612.8113	
Seminaries			<b>terminations histology</b>	611.018869	
architecture	727.2		<b>1Sentences, special Eng.</b>	425.4	
<b>education</b>	<b>373</b>		<b>Sentimental music</b>	784.3	
<b>theologic religion</b>	<b>207</b>		<b>Separate system of sewerage</b>	628.212	
<sup>2</sup> for special topic see subject			<b>Separates lib. economy</b>	025.232	
Seminary method of <b>instruc.</b>	371.37		<b>Separation</b>		
Seminiferous ducts <b>anat.</b>	611.6311		of cream	637.2331	
<b>physiol.</b>	612.617		<b>powers English gov.</b>	354.4202	
Seminole wars, U. S. <b>history</b>			<b>French "</b>	354.4402	
1818	973.541		<b>German "</b>	354.4302	
1835-42	973.571		<b>U. S. "</b>	353.02	
Semirigid dirigibles	629.156		<b>Separators</b>		
Semisoveren states <b>pol. sci.</b>	321.025		cream <b>dairy</b>	637.2321	
Semispinalis muscle	611.73161		<b>steam engineering</b>	621.1974	
Semistationary engins	621.159		<b>Sepia paint</b>	751	
Semitendinosus muscle	611.73828		<b>Sepoy war, Indian history</b>	954	
<b>Semitic languages</b>	<b>492</b>		<b>Septic diseases</b>	<b>616.94</b>	
<b>literatures</b>	<b>892</b>		<b>Septicemia diseases</b>	616.944	
Senancour, E. P. de <b>Fr. lit.</b>	844.64		<b>obstetrics</b>	618.74	
Seneca, L. A. <b>Latin drama</b>	872.6		<b>Septuagint Bible</b>	221.48	
<b>misc.</b>	878.5		<b>Septum lucidum anatomy</b>	611.81324	
<b>stoic phil.</b>	188.6		<b>Sepulchers cemeteries</b>	718	
<sup>1</sup> Seneca co. N. Y. <b>history</b>	974.769		<b>Sepulture customs</b>	393.1	
<sup>1</sup> O. "	977.124		<b>public helth</b>	614.61	
<b>indians</b>	970.3		<b>Sequence cathedral servis</b>	783.23	
<sup>1</sup> Senegambia <b>history</b>	966.3		<b>Serafi Catalan poetry</b>	849.9135	
<sup>1</sup> Sennaar, Egypt "	962.9		<b>Serao, Matilde Ital. fict.</b>	853.88	
<b>swine agriculture</b>	636.486		<b>Serapis, ship Amer. revol.</b>	973.355	
<b>Sensation.</b>			<sup>1</sup> <b>Serbia history</b>	949.7	
<b>beginnings of biology</b>	576.4		<sup>4</sup> <b>Serbian language</b>	<b>491.82</b>	
<b>in animals zoology</b>	591.18		<b>swine</b>	636.472	
<b>plants botany</b>	581.18		<b>Serfs</b>		
<b>mental faculties</b>	<b>152</b>		<b>emancipation Russ. hist.</b>	947.08	
<b>physiologic psychology</b>	<b>612.8218</b>		<b>origin of</b> " "	947.04	
<b>Sensational journalism</b>	070.16		<b>slavery</b>	326.3	
<b>Sensationalism</b>	145		<b>social classes</b>	323.34	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Sergardi, Ludovico Ital.sat. 857.57  
 Sergeants  
   -at-arms legislativ bodies 328.3624  
   law lives 923.442  
 Serials library admin. 025.173  
   special, see subject  
 Sericeous secretion zoology 591.142  
 Sericulture 638.2  
 Series  
   algebra 512.4  
   calculus 517.21  
   motors elec. engin'g 621.31365  
   system telefone 621.38522  
   trigonometry 514.2  
   wound generators 621.313232  
 Sermons  
   Great war 1914-19 940.495  
   homiletics 252  
   public worship 264.6  
   U. S. history civil war 973.795  
   revolution 973.395  
   war of 1812 973.5295  
 Serotherapy  
   for venoms physiol. 612.3145  
   therapeutics 615.37  
 Serous  
   membranes  
     absorption by 612.387  
     admin. of medicin by 615.66  
     histology 611.01874  
 Serpent charming 591.57  
   worship 291  
 Serpentine  
   economic geology 553.55  
   layering 631.5342  
   lithology 552.47  
 Serpents zoology 598.12  
 Serrati posteriores anat. 611.7312  
 Serratus anterior " 611.7355  
   posticus " 611.7312  
 Serum  
   staining substances 612.1251  
 Servants  
   domestic economy 647.2  
   ethics 173.8  
   law 347.6  
   quarters architecture 728.92  
     dom. economy 645.69  
 Servetus medievel phil. 189.5  
<sup>1</sup>Servia history 949.7  
<sup>4</sup>Servian language 491.82  
 Serving  
   at table dom. economy 642.6  
   room " " 643.45

Servis  
   amount of teachers 371.16  
   apparatus elec. light. 621.328  
   books Anglican ritual 264.03  
   clerical lib. economy 023.76  
   emergency dom. econ. 647.29  
   library 023  
   mechanic lib. economy 023.77  
   military science 355.5  
     suffrage 324.171  
   periods, military 355.11  
   professional bilding 692.8  
   table dom. economy 642.6  
 Servitude, military 355.22  
   slavery 326  
 Sesamoid bones, foot 611.71899  
   hand 611.71799  
 Session laws, American 345.1  
   English 346.1  
 Sessions  
   legislativ bodies 329.35  
   special legis. salaries 328.333  
 Sestini, B. Ital. poetry 851.68  
 Setons therapeutics 615.812  
 Sets tubers 631.5322  
 Settees dom. econ. 645.42  
 Setting table " " 642.6  
   type printing 655.25  
 Settlements, social 331.85  
 Seven  
   champions 398.2  
   day books lib. econ. 024.62  
   days battles U. S. hist. 973.7327  
   Pines, Va. battle 973.7327  
   sages 398.2  
   sleepers 398.2  
   weeks war German hist. 943.081  
   wonders of the world 609  
   years war Canadian hist. 971.018  
     German " 943.056  
     U. S. " 973.26  
 Seventh  
   day adventists biog. 922.6  
     sects 286.7  
   baptists " 286.3  
   Sabbath 263.2  
   nerv anatomy 611.8317  
     physiology 612.8197  
<sup>1</sup>Seville history 946.8  
   travels 914.68  
 Sewage, disposal of 628.3  
 Sewer gas air pollution 614.765  
   sanitary engin'g 628.23

Sewerage			Shanghai fowls	636.585
city administration	352.6		<sup>1</sup> Shannon co. Mo. history	977.887
engineering	628.2		ship U. S. war 1812	973.5253
systems	628.21		Shapers machine tools	621.912
Sewers			<b>Shapes strength of mater.</b>	<b>620.1128</b>
and outlets air pollut.	614.765		Share	
disinfection pub. helth	614.48		system of rent agric.	631.114
Sewing			working "	631.1153
domestic economy	646.2		Shares remuneration	331.235
element'y manual train'g	372.54		stocks	332.6
machine	687		Sharks fishes	597.3
Sex			fossils	567.3
customs	392		Sharpsburg, Md. battle	973.7336
in education	376		<sup>1</sup> Shasta co. Cal. hist.	979.424
nature	577.8		Shaving customs	391.5
influence of therapeutics	615.55		toilet	646.5
mortality pub. helth	614.141		Shaw, H: W. Am. humor	817.46
origin of evolution	575.9		<sup>1</sup> Shawano co. Wis. history	977.536
production of embryol.	591.36		Shawl goat	636.39854
Sexes mental characterist.	136.1		Shawls clothing	646.45
proportion physiol.	612.606		Shay's rebellion Mass. hist.	974.4
zootechny	636.0823		U.S. "	973.318
Sextant			Shearing	
astronomic instrument	522.41		strength of materials	620.11245
finding time by horology	529.74		tools mech. engineering	621.96
Sexual			Shears machine tools	621.932
ethics	176		pruning	631.3421
excitement zootechny	636.082451		weeding	631.3155
organs anatomy	611.6		<b>Sheaths of tendons anat.</b>	<b>611.75</b>
zoology	591.46		diseases	616.76
science	612.6		Sheaves mill gearing	621.856
selection evolution	575.5		<sup>1</sup> Sheawasse co. Mich. hist.	977.425
union zootechny	636.082453		<sup>1</sup> Sheboygan co. Wis. "	977.566
variation animals	591.156		Sheds aeronautics	629.144
Shaddock	634.323		Sheep	
Shade and light arch.design	729.14		diseases of compar.med.	619.3
Shades			domestic animals	636.3
and shadows descr.geom.	515.7		hunting	799
window furnishings	645.3		zoology	599.7
Shading shorthand	653.01		Sheepsmilk cheese	637.3551
Shadows perspectiv	515.63		<sup>1</sup> Sheffield history	942.74
Shaft sinking mining	622.25		<sup>1</sup> Shefford co. Que. history	971.463
<b>Shafting mill work</b>	<b>621.82</b>		Shel	
Shaftsbury, earl of Eng. lit.	824.51		banks prehist. archeol.	571.93
Shagbark	634.522		boiler steam engin'g	621.18452
Shakers biography	922.88		<b>fish fishery</b>	<b>639.4</b>
sects	289.8		zoology	594
Shaking grates engin'g	621.18354		locomotiv boiler	621.1333
Shakspere Eng. drama	822.33		Shelbark hickory	634.523
Shale lithology	552.52		<sup>1</sup> Shelburne co. N. S. history	971.625
Shallot	635.263		<sup>1</sup> Shelby co. Ill. history	977.3798
Shallu	633.176		<sup>1</sup> Ind. "	977.259
<sup>1</sup> Shanghai history	951.1		<sup>1</sup> Ia. "	977.748
travels	915.11			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<sup>1</sup> Shelby co. Mo. history	977.832	Shiloh, Tenn. battle	973.7326
<sup>1</sup> O. "	977.145	Shingle roofs bilding	695.1
Shelf dep't library econ.	025.8	Shingles skin diseases	616.52
Shellers	631.3614	Shintoism	299.5
Shelley, P. B. Eng. poetry	821.77	Ship	
Shelling corn	631.5614	bilding	623.8
Shels		canals engineering	626.9
armor piercing ordnance	623.4518	sociology	386
elongated "	623.4513	equipment shipbilding	623.86
paleontology	564	fever diseases	616.922
prehistoric archeology	571.13	heating	623.85
projectils	623.45	life hygiene	613.68
zoology	594	lighting	623.85
Shelter		outfit	623.86
domestic economy	643	propulsion mech. eng.	623.8
of animals zootechny	636.0831	railways	625.9
laboring classes		ventilation shipbilding	623.85
pol. econ.	331.83	Shipboard cookery	641.574
plants	631.344	Shipment	
Shelton, F: W: Am. satire	817.33	farm expenses	631.177
Shelving library bldgs	022.4	Shipping	
Shelvs, library		business useful arts	656
fixt lib.bldgs	022.444	dep't manuf'g plant	621.7966
for large bks, erect "	022.445	history of sociology	387
flat "	022.46	laws	347.7
material "	022.45	Ships	
public access " econ.	024.57	armoring	623.9
round sides of room	022.42	confederate U.S.civ.war	973.757
Shemitic languages	492	disinfection in contag. dis.	614.48
Shenandoah		naval architecture	623.8
ship U. S. civ. war	973.757	transportation	656
valley campain civ. war	973.7377	Shipwrecks	
Shenstone, W: Eng. poetry	821.58	adventures	910.4
Sheol eschatology	236.4	life saving methods	656
Shepherds zootechny	636.0835	Shipwreckt, rescue of	
<sup>1</sup> Shepherdstown, W. Va. hist.	975.499	protection of life	614.868
Sherbet cookery	641.86	Shire draft horse	636.1523
<sup>1</sup> Sherbrooke city, Que. hist.	971.466	<sup>1</sup> Shoals, Isles of history	974.2
<sup>1</sup> co. " "	971.466	travels	917.42
Sheridan, R: B. Eng. drama	822.66	Shock	
oratory	825.64	repeated engineering	620.1125
Sheridan's ride U. S. civ. war	973.7377	result of injury	617.21
Sheriffs law	347.96	Shocker, corn	631.3551
local governm't	352.2	Shoeing zootechny	636.0834
Sherman silver act U.S.hist.	973.86	Shoemaking manufact'g	685
Sherman's march to the sea	973.7378	Shoes costume	391.4
<sup>1</sup> Shetland ilands history	941.11	domestic econ.	646.46
travels	914.111	elec. traction	621.3347
pony	636.1621	Shone system sewerage wks	648.214
sheep	636.3258	Shooting	
Shields heraldry	929.6	galleries architecture	725.89
wepons	399	gunnery	623.54
Shifts of work pol. econ.	331.811	sport	799
Shillaber, B. P. Am. humor	817.34	Shop girls labor of women	331.4

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Shops</b>	
<b>engineering works</b>	<b>621.7</b>
machine architecture	725.43
railway "	725.33
<b>Shoregrape</b>	<b>634.664</b>
<b>Shoring</b>	
foundations architecture	721.12
bridges	624.152
<b>Short ballot suffrage</b>	<b>324.216</b>
cuttings	631.5355
eard swine, German	636.431
Hungarian	636.432
horn cattle	636.2221
wool sheep	636.323
<b>Shorthand</b>	<b>653</b>
typewriters	652
<b>Shortsightedness eye dis.</b>	<b>617.75</b>
physiology	612.8451
<b>Shot, case ordnance</b>	<b>623.45122</b>
solid "	623.45111
<b>Shoulder anatomy</b>	
blade "	611.7171
joints "	611.7272
muscles "	611.7371
<b>Shovel</b>	
crop cleaning	631.3621
digging tools	631.3111
plow	631.3162
power engin'g	621.865
steamengin'g	621.154
<b>Shower baths hygiene</b>	<b>613.44</b>
<b>Shows</b>	
entertainments	791
public customs	394.2
traveling feeding	641.577
<b>Shrapnel, early</b>	<b>623.45113</b>
modern	623.4514
<b>Shrimps</b>	
fishery	639.5
zoology	595.31
<b>Shriners, Mystic masons</b>	
history	942.45
down sheep	636.3236
<b>Shrub adulterations</b>	<b>614.346</b>
<b>Shrubbery landsc. gard'ng</b>	<b>715</b>
<b>Shrub botany</b>	<b>582</b>
layering horticulture	631.5346
<b>Shuddering physiology</b>	<b>612.7464</b>
<b>Shuntwound generators</b>	<b>621.313233</b>
<b>Shunting engines</b>	<b>621.13263</b>
<b>Shutters archit. const.</b>	<b>721.87</b>
<b>Sialagogs therapeutics</b>	<b>615.741</b>
<b><sup>1</sup>Siam history</b>	<b>959.3</b>
<b><sup>1</sup>Lower "</b>	<b>959.5</b>
<b>Siamese</b>	
architecture	722.4
language	494
swine agriculture	636.485
twins deformities	617.35
nat. hist. of man	573.9
<b><sup>1</sup>Siberia history</b>	<b>957</b>
<b>Siberian fetherfooted fowls</b>	<b>636.572</b>
<b>Sibylin books magic</b>	<b>133.3</b>
<b>Sibyls divination</b>	<b>133.3</b>
<b>Sicilian Norman architect.</b>	<b>723.45</b>
<b>Sicily ancient history</b>	<b>937.8</b>
<b><sup>1</sup>modern "</b>	<b>945.8</b>
<b>Sick</b>	
food for hygiene	613.23
hedake diseases	616.857
hospitals for	362.1
architec.	725.51
leave lib. economy	023.67
military life	355.11
ministry of sacraments	265.8
parish care of	258
room dom. economy	649.8
<b>Sickle</b>	<b>631.3511</b>
<b>Sickness</b>	
insurance pol. econ.	331.25
pensions " "	331.25
<b>Side arms, military</b>	<b>623.444</b>
<b>Sidehil plow</b>	<b>631.3124</b>
<b>Sidereal</b>	
clock and chronometer	522.51
day chronology	529.1
month astronomy	523.33
chronology	529.2
<b>Sidewalks</b>	
local government	352.7
moving mech. engin'g	621.8675
pavements road "	625.88
<b>Sidings railway engin'g</b>	<b>625.16</b>
<b>Sidney, P. English poetry</b>	<b>821.32</b>
<b>Siege</b>	
artillery mil. engin'g	623.415
guns gunnery	623.552
mounts ordnance	623.432
operations mil. eng.	623.2
state of pol. sci.	323.92
warfare mil. science	355.44
<b><sup>1</sup>Sierra co. Cal. history</b>	<b>979.436</b>
<b><sup>1</sup>Leone "</b>	<b>966.4</b>
<b>Sieves crop cleaning</b>	<b>631.3621</b>
prac. chem.	542.22
<b>Sifters crop cleaning</b>	<b>631.3623</b>
<b>Sifting</b>	<b>631.5623</b>
<b>Sighing physiology</b>	<b>612.219</b>

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Sight  
**anatomy** 611.84  
 asylums for the blind 362.4  
**diseases of** 617.7  
 mental faculties 152.1  
 optics 535.7  
**physiology** 612.84  
 sensory functions 612.82554
- Sighting  
 apparatus gun mounts 623.4354  
**attachments guns** 623.425  
**gunnery** 623.55
- Sigismund Ger. history 943.027
- Sigmoid artery anatomy 611.13652  
 flexure " 611.349  
 mesocolon " 611.383
- Sign boards advertising 659.1  
 language educ. of def 371.912  
 hieroglyphics 419.1  
 painting 698.1
- Signal devices elec. eng. 621.3175  
**servis meteorology** 551.5  
 U. S. civ. war 973.7417
- Signaling  
 communication 654.9  
**military** 623.73
- Signals  
 electric 537.88  
 in navigation acoustics 534.83  
**military mil. eng.** 623.73  
 railway engineering 625.16  
 telegraphic 654.9
- Signatures printing 655.27
- Signs of death physiол. 612.0131  
 pregnancy 618.22
- Sikh religion 299.11
- Sileneae botany 583.153
- <sup>1</sup>Silesia, Austria history 943.73  
<sup>1</sup> Prussia " 943.14
- Silesian merinos sheep 636.36734
- Silhouets 741
- Silicates mineralogy** 549.6
- Silicon inorgan. chem. 546.28
- Silius Italicus Lat. poetry 873.4
- Silk  
 culture 638.2  
 domestic economy 646.14  
 dyeing chem. technol. 667.2  
 manufacture 677  
 mills architecture 725.41  
 worm agriculture 638.2  
 zoology 595.78
- Silkies poultry 636.5883
- Silo machinery 631.363
- Silos  
 farm bildings 631.23  
 fodder storage 631.563  
 Silt lithology 552.52  
**Silurian age geology** 551.73
- Silver  
 act, Bland U. S. hist. 973.83  
 act, Sherman U. S. hist. 973.86  
 Voorhees " 973.87  
 inorganic chemistry 546.57  
 metallurgy 669.2  
 mining 622.34  
 money 332.41  
 ores economic geol. 553.42  
 plating manufacture 671  
 question pol. econ. 332.42  
**Silverfish pests** 632.71  
**Silversmiths work fine arts** 739
- Silverware  
 domestic economy 642.7  
 fine arts 739  
 manufactures 671
- Simarubae botany 583.241
- <sup>1</sup>Simcoe co. Ont. history 971.317
- Similarity plane geom. 513.17
- Simmental cattle 636.2372
- Simmering cookery 641.73
- Simms, W. G. Am. fiction 813.35
- Simonides  
 of Ceos Greek lyrics 884.4  
 Samos " satire 887.2
- Simony canon law 348  
 eccles. polity 262.9
- Simple  
 state pol. sci. 321.01  
 stationary engins 621.1646  
 system suffrage 324.224  
 truss bridge engin'g 624.32  
**Simplex telegraf engin'g** 621.38231
- Sin doctrin 233.2
- Sinai ancient history 939.48  
<sup>1</sup> modern " 953.1
- Sinaitic inscriptions 492.1
- <sup>1</sup>Sinaloa, Mexico history 972.3
- <sup>1</sup>Sind, India " 954.7
- <sup>4</sup>Sindi language 491.41
- <sup>1</sup>Singapore history 959.5  
 travels 915.95
- Singers, lives of 927.8
- <sup>4</sup>Singhalese language 491.48
- Singing  
 physiology 612.784  
 public worship 264.2  
 vocal music 784

Single			Sizes	
acting engines stat'n'ry	621.1645		standard literary meth.	029.1
structure	621.11221		type printing	655.24
altitude, finding time by	529.73		Sjöberg, Erik Swed. satire	839.7762
course curriculum	375.0012		Skating	796
curvd lines descr. geom.	515.14		rinks architecture	725.86
surface " "	515.14		Skeeing sports	796
expansion engines	621.11261		Skeleton	
fluid cells engineering	621.3533		human	611.71
member constituency	324.221		leaves fancy work	746
phase electric mach.	621.313321		of animals comp. anat.	591.49
standard coinage	332.42		descrip. "	591.79
tax	336.22		Skeletons, preparation of	579.1
vote suffrage	324.223		Skelton, J: English poetry	821.22
Sinking fund finance	336.33		Skepticism	
Sintuism	299.5		heresies	273.8
Sinus surgery	617.23		natural theology	211
pocularis anat.	611.6231		philosofic systems	149.7
<sup>1</sup> Sioux City, Ia. history	977.7411		philosofy	186.1
co. Ia. "	977.713		Skeptics biography	922.91
Siphonophora zoology	593.72		Sketches	
Siphons prac. chem.	542.66		hospital Great war	940.476
Sirenia mammals	599.5		U.S. civ."	973.776
Sirocco meteorology	551.51		Sketching drawing	741
Sirup adulterations	614.311		Skew arches architecture	721.42
Sisal fibers	633.5771		bevel gears engin'g	621.8332
<sup>1</sup> Siskiyou co. Cal. hist.	979.421		Skiing sports	796
Sisterhoods parochial work	255		Skild labor pol. econ.	331.7
relig. orders	271.9		Skill, games of amusm'ts	794
Sisters of Charity	271.91		ethics	175.4
Mercy	271.92		Skim colter plow	631.3127
Site			milk dairy	637.147
dwellings dom. econ.	643.1		Skimmers dairy	637.23211
library bildings	022.1		Skin	
school bildings	371.61		absorption	612.384
Sithe			admin. of medicin by	615.67
bush	631.3117		anatomy	611.77
cradle harvesting tools	631.3513		diagnosis pathology	616.073
harvesting tools	631.3512		diseases "	616.5
Sittingroom furnishings	645.65		dressing taxidermy	579.4
<sup>1</sup> Sivas, Asia Turkish hist.	956.5		fertilizers agriculture	631.843
Sivs crop cleaning	631.3621		function physiology	612.79
practical chemistry	542.22		grafting	617.47
Sixth nerv			loss of heat	
anatomy	611.8316		by evaporation	612.524
eye	612.8466		radiation	612.521
nucleus	611.8175		plow	631.3125
physiology	612.8196		Skirmishing mil. science	355.42
Size notation for books	025.3		Skull anatomy	611.91
of college	378.15		bones	611.714
sewers	628.22		craniology	573.7
Sizes			<sup>1</sup> Skye, Scotland history	941.17
of books lib. econ.	025.8			
publishing	655.53			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Skylights			
architec. construction	721.55		
design	729.35		
library bildings	022.722		
Slags			
fertilizers agriculture	631.853		
metallurgy	669.8		
Slander ethics	177.3		
Slang college	378.014		
English language	427		
modern Eng. lan.	427.09		
Slate roofing bilding	695.2		
turkey	636.5925		
Slater fund education	373.75		
Slates bilding stones	553.54		
lithology	552.44		
Slating bilding	695		
Slaughter			
house refuse fertilizers	631.843		
houses air pollution	614.741		
indust. sanit.	628.549		
mt, Va. U. S. civil war	973.7328		
Slaughtering			
industry	664.9		
method of animal hyg.	614.97		
Slave			
holding slavery	326		
labor polit. econ.	331.58		
law, fugitiv slavery	326.973		
trade "	326.1		
Slavery	326		
abolition of, U. S. history	973.714		
causes of U. S. civil war	973.7111		
constitut. amendment	342.73		
U. S. hist.	973.81		
emancipat'n proclamat'n	973.714		
Slaves biografy	326.92		
fugitiv U. S. civil war	973.7115		
Slavic			
languages	491.8		
literatures	891.8		
philosofers	197		
biografy	921.7		
<sup>1</sup> Slavonia history	943.93		
<sup>4</sup> Slavonic church language	491.81		
Sleds farm transport	631.3723		
Sleep			
and rest hygiene	613.79		
of plants botany	581.54		
physiology	612.8217		
walking	135		
Sleeping			
balconies furnishings	645.8		
location	643.57		
Sleeping			
sickness	616.9681		
Sleight of hand	791		
Slide rule math. instrum.	510.8		
Slides			
gun mounts	623.4352		
lantern education	371.335		
mounting of microscopy	578.6		
Sliding			
friction mechanics	531.44		
scale wages	331.22		
shelvs lib. storage	022.46		
<sup>1</sup> Sligo, Ireland history	941.72		
Slime treatment ore dres.	622.76		
Sloan shorthand	653.38		
Slojd education	371.422		
Sloth ethics	179.8		
Sloths mammalia	599.3		
Slotters machine tools	621.912		
<sup>4</sup> Slovakian language	491.87		
<sup>4</sup> Slovenian "	491.84		
<sup>4</sup> old "	491.81		
Slow cookers	643.338		
Sloyd education	371.422		
Slugs zoology	594.3		
Sluice gate wheels	621.224		
Sluices engineering	621.29		
Small			
arms care of	623.4814		
manufacture	683		
mil. efficiency	623.44		
farm	631.1161		
fruits agriculture	634.7		
intestin anatomy	611.341		
numbers entertaining	642.42		
pox diseases	616.912		
inoculation	614.471		
public helth	614.521		
swine, black	636.421		
white	636.422		
vs large college	378.15		
Smearcase	637.356		
Smell anatomy	611.86		
physiology	612.86		
senses	152.3		
sensory functions	612.82556		
Smelting metallurgy	669.8		
Smith, H. Danish misc.	839.8825		
S. English essays	824.72		
Smith college educ.	376.8		
<sup>1</sup> Smithfield, W. Va. hist.	975.418		
Smithsonian			
exchanges lib. econ.	021.852		
institution	506		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Smoke			Social		
air pollution	614.71		obligations ethics	177.8	
box locomotivs *	621.1334		science	300	
flues heating	697.8		surveys sociology	309.1	
nuisance sanitation	628.53		travel	914.19	
stack locomotivs	621.1334		theories pol. sci.	320.153	
stacks steam eng'ng	621.1838		worship	264.7	
Smoking ethics	178.7		<b>Socialism</b>	<b>335</b>	
food preservation	641.4		Socialistic communities U. S.	335.973	
hygiene	613.84		<b>Societies</b>	<b>300</b>	
jackets	646.47		<b>American hereditary</b>	<b>369.1</b>	
Smollett, T. G: Eng. fic.	823.63		patriotic	369.1	
<b>Smooth muscles</b> physiol.	<b>612.73</b>		Bible	206	
Smoothing harrow	631.3131		<b>cooperativ</b>	<b>334</b>	
Smuggling criminal law	343		debating	374.24	
tarif	336.26		dress reform	646.06	
Smut agriculture	632.4227		for home study	374.43	
fungi	589.227		parish work	256	
<sup>1</sup> Smyrna, Asia history	956.2		<b>general</b>	<b>060</b>	
travels	915.62		learned, bildings for	727.9	
Snails culture	639.4		<b>library</b>	<b>020.6</b>	
zoology	594.3		rooms for lib. bldgs	022.614	
Snakes	598.12		<b>secret</b>	<b>366</b>	
Snap bean	635.652		bildings arch.	728.4	
Snares zootechny	636.081111		college	371.85	
Sneezing physiology	612.219		student aid	378.362	
therapeutics	615.726		special see subject		
Snoring physiology	612.219		<b>Society</b>		
Snow			<b>ethics</b>	<b>177</b>	
meteorology	551.57		for ethical culture	170.6	
removal	628.46		houses student life	371.86	
sheds railroad engin'g	625.13		<sup>1</sup> <b>ilands history</b>	<b>996.2</b>	
Snowshoeing sports	796		<b>libraries lib. econ.</b>	<b>027.2</b>	
<sup>1</sup> Snyder co. Pa. history	974.849		of American wars	369.118	
travels	917.4849		army & navy of the Gulf	369.156	
Soap			<b>Christian endeavor</b>	<b>267.613</b>	
laundry dom. econ. <sup>14</sup>	648.18		Jesus monastic ord.	271.5	
making air pollution	614.744		nations internat. law	341.1	
chemic technol.	668.1		2d war with Gt Brit.	369.144	
Soapstones econom. geol.	553.55		the army of Santiago	369.182	
Soaring aeronautics	629.142		the Cincinnati	369.131	
Sobriquets bibliografy	014		songs music	784.6	
Sociability animals	591.55		Socinians heresies	273.4	
<b>Social</b>			unitarians	288	
centers	374.28		<b>Sociology</b>	<b>300</b>	
clubs	367		<b>biografy of</b>	<b>923</b>	
<b>customs and manners</b>	<b>394</b>		Socrates Gk filosofy	183.2	
bad hygiene	613.87		Socratic filosofy	183.3	
democracy socialism	335.5		Sod plow	631.3125	
distinctions ethics	177.5		Soda chemic technology	661.3	
rank	929.7		water adultera.	614.348	
drinking temperance	178.3		chem. tech.	663.6	
ethics	177		Sodalities parish work	256	
evil	176.5		Sodium inorganic chem.	546.33	
			salts physiology	612.39261	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Soeurs de bon Secours  
     sisterhoods 271.94  
<sup>1</sup>Sofala, Africa history 968.1  
 Soft cheese, ripend 637.353  
     unripend 637.352  
         commissure anat. 611.8144  
         drinks recipes 641.87  
 Sogdiana ancient hist. 939.61  
 Soil  
     conditions affecting helth 614.77  
     disinfection, ircontag. dis. 614.48  
     foundations architecture 721.11  
         bridge 624.151  
 Soils  
     agriculture 631.4  
     chemic analysis 543.7  
 Soja bean field crops 633.34  
     garden " 635.655  
 Solanaceæ botany 583.79  
<sup>1</sup>Solano co. Cal. hist. 979.452  
 Solar  
     day chronology 529.1  
     engins engineering 621.47  
     observation astron. instr. 522.56  
     parallax, transit of Venus 523.92  
     physics 523.7  
     plexus anatomy 611.83931  
     spectrum astronomy 523.77  
     system descrip. astron. 523.2  
     year chronology 529.2  
 Solariums dom. econ. 643.57  
 Soldiers  
     cemeteries, national 719  
     food for hygiene 613.21  
     homes architecture 725.59  
         institutions 362.8  
     lives biografy 923.5  
     military science 355  
     orphan schools 362.7  
     suffrage limitations 324.171  
     voting by pol. sci. 324.162  
 Sole fishes 597.5  
 Soleus muscle anatomy 611.73854  
 Sol-fa method music 784.9  
 Solid  
     beams bridge engin'g 624.22  
     fuels steam engin'g 621.18222  
     state chemistry 541.31  
 Solidification heat 536.43  
     prac. chem. 542.65  
 Solids  
     geometry 513.3  
     properties of physics 539.2  
     skin penetration by 612.7911  
 Solitary  
     confinement punishm'ts 343.2  
     glands anatomy 611.3445  
     study self education 374.1  
     vice ethics 176.4  
 Solitude 177.8  
 Solognote sheep 636.3442  
<sup>1</sup>Solomon ilands history 993.5  
 Solomon, Song of Bible 223.9  
 Solos vocal music 784.81  
 Solubility theoretic chem. 541.34  
 Solution  
     chemic 542.61  
     of plane triangles trigo. 514.5  
         spheric " " 514.7  
     trigonometric equations 514.4  
 Solutions quantitativ anal. 545.6  
     skin absorption 612.7913  
 Solvents prac. chem. 542.61  
<sup>1</sup>Somali, Africa history 967.7  
 Somatology anthropology 573  
 Somatopleure embryology 611.01364  
<sup>1</sup>Somerset co. Eng. history 942.38  
     travels 914.238  
     1 Me. history 974.12  
     1 Md. " 975.223  
     1 N. J. " 974.944  
     1 Pa. " 974.879  
 Somerset horn sheep 636.3241  
<sup>1</sup>Somme, France history 944.20  
 Sommelier ram hyd. engins 621.274  
 Somnambulism 135  
 Somnambulists' lives 920.9  
 Sonata organ music 786.81  
     piano " 786.41  
 Song  
     festivals music 784.5  
     of Solomon Bible 223.9  
     the three children Bible 229.5  
 Songbooks folklore 398.8  
 Songs 784  
     <sup>5</sup> and ballads Eng. lit. 821.04  
         music 784.3  
     for female voices 784.88  
     male " 784.87  
     kindergarten methods 372.215  
     with music 784  
     <sup>5</sup>Sonnets Eng. literature 821  
<sup>1</sup>Sonoma co. Cal. hist. 979.418  
<sup>1</sup>Sonora, Mexico " 972.1  
 Sons of  
     the Amer. revolution 369.133  
     revolution 369.134  
     veterans, U. S. army, soc. 369.165

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Sophist philosophy	183.1
Sophocles Greek drama	882.2
Sophoreae forage crops	633.371
<sup>4</sup> Sorbian language	491.88
Sorcery	133.4
Sore throat diseases	616.31
Sores surgery	617.24
Sorghum cereals	633.174
manufacture	664.1
sugar plants	633.62
Sorterup, Jørgen Dan.poet.	839.8141
Soteriology doct. theol.	234
hygiene	613
Soto, H. de discov. of Am.	973.16
<sup>1</sup> Soudan, Africa history	966.2
Egyptian "	962.6
Soul	
future life doct. theol.	237
nat. "	218
in animals	591.51
metaphysics	128
origin metaphysics	129
theories physiology	612.0134
<sup>1</sup> Soulanges co. Que. hist.	971.4265
Soumet, A. French drama	842.71
Sound	
mesology	612.01445
physics	534
sensitivity to physiol.	612.85876
Sounders, telegraf eng.	621.3833
Sounding	
machines ship outfit	623.86
Soundings marine survey.	526.09
physical geog.	551.46
Soundness	
of animals zootechny	636.08115
Sound-producing organs	
comparativ physiology	612.786
zoology	591.77
Sounds	
muscular physiol.	612.7418
of hart "	612.1715
respiratory "	612.2161
systems of fonology	414
Soup cookery	641.73
physiol. of nutrition	612.39282
Sources of	
animal heat physiology	612.51
Sourmilk cheese	637.357
" cowsmilk	637.356
Soursop	634.411
South	
<sup>1</sup> Africa history	968
travel	916.8
South	
America description	918
eccles. history	278
geology	558
history	980
statistics	318
American languages	498
American travels	918
<sup>1</sup> Atlantic states history	975
<sup>1</sup> Australia, "	994.2
<sup>1</sup> Bend, Ind. "	977.289
travels	917.7289
Carolina, U. S.	
<sup>1</sup> history	975.7
secession U. S. hist.	973.713
For military history, see subdivisions of Special campaigns and Military history under 973.3. 973.52, 973.7 and 973.89	
<sup>1</sup> Central states Am. hist.	976
travels	917.6
Dakota U. S.	
admission U. S. hist.	973.86
<sup>1</sup> history	978.3
military hist. Span. war	973.89483
U. S. civ. war	973.7483
travels	917.83
Devon cattle	636.2261
sheep	636.3218
Dum "	636.3218
German swine	636.431
Hams cattle	636.2262
Mt, Md. battle	973.7336
<sup>1</sup> Russia history	947.7
travels	914.77
<sup>1</sup> Sea ilands history	996
travels	919.6
scheme - stocks	332.6
<sup>1</sup> U.S. history	975
For military history of the south or its individual states, see subdivisions of Special campaigns and Military history under 973.3. 973.52, 973.7 and 973.89	
Southam holts	636.3217
Southdown sheep	636.3231
Southern	
army life U. S. civ. war	973.784
Atlantic ocean	551.464
dewberry	634.7172
home life U. S. civ. war	973.784
<sup>1</sup> Maryland history	975.24
prisons "	973.771
states, U. S. Amer. revol.	973.345
<sup>1</sup> history	975
Southerne, T: Eng. dram.	822.52

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Southey, R.	Eng. poet.	821.73	Spanish		
Souvestre, É.	Fr. fiction	843.75	<b>language</b>		460
<sup>1</sup> Southwest U. S.	history	978	lime fruit culture		634.652
	travels	917.8	literature		860
Soveren			Maltese goat		636.396
state	political science	321.01	misrule in Cuba	U.S.hist.	973.801
Soverens	biografy	923.1	philosofers	biografy	921.6
Soverenty	pol. science	320.157	philosofy		196
Sowers, special		631.3318	plum		634.443
Sowing			potato		635.22
broadcast		631.5311	poultry		636.56
machinery		631.33	rule	Mexican history	972.02
Soy bean	forage crops	633.34	salsify		635.167
garden	"	635.655	sheep		636.36
Space	astronomy	523.14	succession, war of		
	metaphysics	114	Eng. history		942.069
	sense	physiology	French "		944.033
		612.881	U. S. "		973.25
Spaders	machines	631.3115	swine		636.46
Spades	digging tools	631.3111	war	U. S. history	973.89
	trail ordnance	623.43565	veterans, soc. of		369.181
Spadicifloræ	botany	584.6	Spar	economic geology	553.66
Spading	tillage	631.511	Spars	shipblding	623.85
harrow		631.3137	Spark		
Spain			arresters	locomotivs	621.1334
administration		354.46	induction	électricité	537.52
antiquities		913.46	telegrafy		621.38421
Arabs in	history	946.02	Sparring	amusements	796
architecture		720.946	Sparrows	agriculture	632.688
botany		581.946		zoology	598.8
finance		336.46	Sparta	ancient history	938.9
geology		554.6	Spartan	supremacy	Gk hist.938.06
<sup>1</sup> history		946	Spas, bildings	for architect.	725.75
maps		912.46	hygiene		613.12
peerage		929.76	Speakers	legis. bodies	328.3621
schools		379.46		oratory	808.5
statistics		314.6	Speaking tubes	communi.	654.8
travel		914.6		lib. econ.	022.947
treaties		341.246	Spearmint		635.72
treaty with U. S.	hist.	973.43	Special		
war	"	973.89	bills	legislation	328.376
other topics	see table 1		committees	legislation	328.3627
Spanish			days	school methods	371.365
<sup>1</sup> America	history	972	legislation	pol. sci.	328.243
	travels	917.2	material	lib. acquis.	025.29
American war, naval			admin.		025.17
and military order of		369.183	nationalities, schools for		371.98
architecture, Romanesque		723.46	procedure	legislation	328.379
armada	Eng. history	942.055	ranks	education of	371.96
	Span.	946.04	schools	gymnastics in	371.7325
art		709.46		man. train'g in	371.424
Austrian ascendancy			sessions	legislativ bodies	328.358
Ital. history		945.07	types	education of	371.97
discovery of America		973.16	Specialization of libraries		025.212
inquisition	persecutions	272.2			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Specie				Speed			
circular	U. S. history	973.56		ship design		623.81	
payment	banking	332.4		shorthand		653.03	
	U. S. history	973.83		Spegel, Haquin	Swed. poet.	839.7133	
Species				Spelin	universal lang.	408.9	
of animals	zootechny	636.08211		Spelling			
origin of		575.8		<sup>3</sup> books	Eng. lang.	428.1	
Specific				<sup>3</sup> phonetic	" "	421.4	
customs	taxation	336.26		<sup>3</sup> reform	" "	421.4	
gravity	chemistry	542.33		Spencer, Herbert	" philos.	192.8	
	liquids phys.	532.4		<sup>1</sup> Spencer co. Ind.	history	977.231	
	physics-	531.54		Spenser, E.	Eng. poetry	821.31	
	soil	631.431		Sperm cells	development	591.171	
Specifications for bildings		692.3		embryology		611.01311	
Specifics	therapeutics	615		physiology		612.616	
Specimen books	printing	655.24		Spermiatic			
Specimens				artery	anatomy	611.1368	
arrangement in museums		579.7		cord	"	611.639	
mounting of		579.5			diseases of	616.68	
preservation in museums		579.8		nervs	anatomy	611.8393	
Spectacles				secretions	phys. zool.	591.146	
disorders of vision		617.75		vein	anatomy	611.1466	
optics		535.86		Spermatogenesis	embryol.	611.01312	
Specters		133.1		Spermatorrhhea	diseases	616.69	
Spectroscope	optics	535.84		Speroni, Sperone	It.dram.	852.41	
Spectroscopy				Speusippus	Greek philos.	184.2	
astronomy		522.67		Sphagna	botany	588.1	
of blood	physiology	612.11115		Sphenoid bone	anatomy	611.7152	
urin	"	612.461175		Sphenopalatin			
Spectrum				arteries	anatomy	611.133281	
analysis	chemistry	544.6		ganglion	"	611.89154	
	optics	535.84		Spheres			
	qualitativ anal.	544.6		of influence	pol. sci.	321.027	
of comets	astronomy	523.67		perspectiv	math.	515.65	
meteors	"	523.57		strength	engin'g	620.11284	
moon	"	523.37		Spheric			
stars	"	523.87		astronomy		522.7	
sun	"	523.77		coordinates	astronomy	522.71	
Speculation	banks	332.6		excess	triangulation	526.41	
	ethics	174.5		geometry		513.41	
Speech				projections	descr. geom.	515.5	
freedom of	pol. sci.	323.443		shells	ordnance	623.45113	
impediments of		612.78		trigonometry		514.6	
organs of	acoustics	534.7		trigonometry			
	human anat.	611.2		computing	triangulat'n	526.44	
philology		400		Spheroconics	anal. geom.	516.58	
phonology		414			mod. "	513.58	
physiology		612.78		Spheroidal trigonometry			
visible	compar. philol.	414		computing	triangulation	526.45	
<sup>5</sup> Speeches	English oratory	825		Sphincter muscle	of eyelid	611.7325	
Speed				Sphinx	Egyptian mythol.	299.31	
horse		636.12		Sphygmograf	diagnosis	616.071	
logs	shipbuilding	623.86			physiology	612.161	
of trains	railway engin'g	625.26					

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Sphygmomanometry physiol 612.1611
- 'Spice ilands history 991.3  
travel 919.13
- Spices adulterations 614.314  
agriculture 633.83  
chemic technol. 664.5
- Spiders zoology 595.4
- Spiegelschaf 636.3331
- Spielhagen, F; Ger. fiction 833.84
- Spies American revolution 973.385  
Great war 1914-19 940.485  
international law 341.3  
U. S. civil war 973.785
- Spikes railway engin'g 625.15
- Spina bifida surgery 617.32
- Spinach 635.41
- Spinal  
accessory nerv anatomy 611.83192  
larynx 612.7821  
physiol. 612.81992  
canal anatomy 611.828  
colum " 611.711  
cord  
action on blood vessels 612.1813  
anatomy 611.82  
functional diseases of 616.84  
physiology 612.83  
structural dis. of 616.83  
curvature diseases 616.73  
membranes anatomy 611.829  
nervs " 611.832  
ganglions of " 611.892  
poisons therapeutics 615.97  
veins anatomy 611.1457
- Spinalis dorsi " 611.7315
- Spindles stone age 571.26
- Spine, curvature of dis. 616.73
- Spinning manufactures 677
- Spino-  
costal muscles anat. 611.7312  
dorsal " " 611.7313  
humeral " " 611.7311
- Spinoza German philos. 193.9  
pantheism 147
- Spiral ganglion anatomy 611.89181  
gears mech. engin'g 621.8333
- Spirals anal. geometry 516.26
- Spires  
architectural construction 721.57  
architectural design 729.35
- Spirit doctrinal theol. 233.5  
leveling, geodesy 526.36
- Spiritism 133.9
- Spiritual  
body doctrinal theol. 233.5  
heredity " " 233.3  
mental charac. 136.3  
metaphysics 129.2
- Spiritualism  
metaphysics 111  
occultism 133.9  
sects 289.9
- Spirituous liquors  
chemic technology 663  
temperance 178
- 'Spitzenberg history 998  
travels 919.8
- Spitzka's tract anatomy 611.8255
- Splanchnopleure embryol. 611.0136
- Spleen anatomy 611.41  
diseases of 616.41  
physiology 612.41
- Splenic  
artery anatomy 611.13642  
fever diseases 616.956  
nervs anatomy 611.8393  
vein " 611.1494
- Splenius muscle " 611.7314
- Splenotomy physiology 612.412  
surgery 617.44
- Splice grafting 631.54132
- Splints fibers 633.588  
surgery 617.92
- Splügen pass Alps 914.94
- Spoils system civ. servis 351.6
- Spongeosum histology 611.01843
- Sponges fossils 563.4  
zoology 593.4
- Spontaneity metaphysics 127
- Spontaneous  
combustion chemistry 541.36  
generation biology 576.1  
physiology 612.601
- Sporadic cholera diseases 616.933
- Spores horticulture 631.5317
- Sports, outdoor 796  
parlor 793
- Spots on the sun 523.74
- Spotted fever diseases 616.925  
race cattle 636.2374
- Spottsylvania C. H. Va.  
U. S. civil war 973.7367
- Sprague, C: Am. poetry 811.28
- Sprains surgery 617.17
- Spraying agriculture 632.94
- Spreders, hay 631.3531  
mixt 631.334

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Spring tides	525.63		
<sup>1</sup> Springfield, Ill. history	977.356		
Mo. "	977.8781		
<sup>1</sup> Springfield, N. J. Am.rev.	973.3365		
O. history	977.1491		
<b>Springs</b>			
bearing railway engin'g	625.21		
hot physicc. geology	551.23		
mineral economic geol.	553.7		
physical geografy	551.49		
strength of materials	620.11285		
waterworks	628.11		
Springtails pests	632.71		
zoology	595.71		
Sprinkling of streets			
sanitation of towns	628.46		
Springtooth harrow	631.3133		
Spud farm tools	631.5332		
Spudding bit	631.3113		
Spur gears mech. engin'g	621.8331		
Spurwingd goose	636.59889		
Squabs poultry	636.596		
<b>Squadron</b>			
Atlantic U. S. civ. war	973.756		
Span. "	973.895		
Gulf civ. war	973.756		
military science	355.31		
naval "	359		
<b>Squadrons, confederate</b>			
U. S. civil war	973.757		
Squalides fishes	597.3		
<b>Squares</b>			
least geodesy	526.5		
probabilities	519.8		
magic arithmetic	511.61		
tables of	510.8		
Squaring the circle geom.	513.21		
Squash bug pests	632.75		
Squashes	635.62		
<b>Squatter soverenty</b>			
constitutional history	342.73		
slavery	326.973		
U. S. history	973.64		
Squids zoology	594.5		
Squinting eye diseases	617.76		
Squirrels pets	636.9		
zoology	599.3		
Staatenbund pol. sci.	321.022		
<b>Stability</b>			
aviation	629.186		
ship design	623.81		
Stable manure air pollut.	614.761		
fertilizers	631.86		
<b>Stables</b>			
air pollution	614.761		
architecture, private	728.94		
public	725.38		
care of zootechny	636.0832		
farm bildings agric.	631.22		
feeding in zootechny	636.08421		
shelter "	636.0831		
Stackers, hay	631.3534		
Stackhousiezæ botany	583.274		
<b>Stacks</b>			
elec. lighted lib. bldg	022.77		
library economy	022.43		
Stadia surveying	526.91		
Stadiums architecture	725.82		
Stael Holstein, A.L.G. Fr.fic.	843.62		
<b>Staf</b>			
heds library economy	023.72		
library economy	023.5		
military science	355.33		
music	781.2		
<sup>1</sup> Stafford, England history	942.46		
<b>Stage</b>			
coach sociology	386		
useful arts	656		
ethics	175.2		
theater	792		
Stagnelius, E. J. Swed.poet.	839.7164		
<b>Staind glass</b>			
decoration	748		
design architecture	729.8		
library decoration	022.348		
sacred ornaments	247.4		
school decoration	371.636		
<b>Staining</b>			
chemic technology	667.6		
reactions of urin	612.461174		
substances, physiol. chem.	612.0154		
Stair furnishing dom. econ.	645.61		
Stairbilding bilding	694.8		
stereotomy	515.83		
Stairs architectur. design	729.39		
moving mech. eng.	621.8676		
Stakes plant support	631.3452		
training	631.5461		
Stalactites and stalagmites	551.92		
Stalk cutter	631.3166		
<b>Stalls</b>			
shelter zootechny	636.0831		
Stammering	616.87		
<b>Stamp</b>			
accession lib. economy	025.244		
act English history	942.073		
U. S. "	973.3111		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Stamp			Starch		
collecting		383	manufacture		664.2
embossing lib. economy		025.252	plants		633.68
laws finance		336.27	protectiv external agents		615.776
perforating lib. economy		025.252	tryptic digestion		612.3421
Stamped leather bilding		698.8	vegetable drugs		615.331
Stamping			Starching laundry process		648.25
books, etc. lib. econ.		025.252	Starchy foods physiology		612.39273
designs fancywork		746	<sup>1</sup> Stark co. Ill. history		977.351
machines, hydraulic		621.266	" O. "		977.162
Stamps			<sup>1</sup> Starke co. Ind. "		977.292
butter dairy		637.2328	Starkenburg goat		636.393
electric machinery		621.318	Stars descriptiv astronomy		523.8
postage postoffis		383	Starting		
practical printing		655.35	apparatus aviation		629.187
Stampt leather bilding		698.8	Starvation dietetic diseases		616.39
Standard			hygiene		613.24
library lib. economy		022.54	State		
sizes literary methods		029.1	aid to libraries		021.831
solutions volumet. anal.		545.6	and church, <i>see</i> Church		
time		529.75	individual pol. sci.		323.4
Standards			social groups "		323.3
library lighting fixtures		022.764	wages political econ.		331.26
of admission schools		371.21	as moral agent pol. sci.		320.154
excellence zootechny		636.08114	banks		332.12
living laboring classes		331.83	capitols architecture		725.11
Standing			control of cities adminis.		352.002
army		355.35	council French gov't.		354.4405
committees legis. bōd.		328.3627	council Ger. gov't		354.4308
Standpipes waterworks		628.12	dep't U. S. "		353.1
Stanhope, P. D. Eng. letters		826.52	dets finance		336.3
<sup>1</sup> Stanislaus co. Cal. hist.		979.457	education		379
<sup>1</sup> Stanstead co. Que. "		971.467	ethics		172
Stanwix, Fort Am. revol.		973.3334	governments		353.9
Stapedius muscle		611.857	labor wages		331.262
Stapes anatomy of ear		611.857	laboratories adulterat.		614.3
Star			law reports U. S.		345.42
apple		634.433	laws, uniform		328.22
family fruits		634.43	libraries		027.5
catalogs astron. observ.		524.8	medicin		614
descrip. astron.		523.89	ministries of architec.		725.12
chamber Eng. history		942.05	monopolies		336.19
clusters		523.85	ownership of land		333.1
connections elec. eng.		621.3191333	political science		320
drift		523.83	prisons architecture		725.61
fish fossils		563.92	properties finance		336.1
zoology		593.92	representation legis. bod.		328.3341
shells mil. engin'g		623.45446	rights U. S. const. law		342.73
Starch			socialism		335.6
adulterations		614.312	supervision of libraries		021.81
chemistry of food		641.13	schools		379.15
composition physiology		612.396111	trials criminal law		343.1
gastric digestion "		612.3221	universities		378
laundry supplies		648.18	state educat.		379.16

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Spring tides	525.63		
<sup>1</sup> Springfield, Ill.	history	977.356	
<sup>1</sup> Springfield, Mo.	" "	" "	
<sup>1</sup> Springfield, N. J.	Am.		
<sup>1</sup> Springfield, O.			
Springs			
bearing			
hot			
miners'			
physic			
str			
St			
Static			
electricity	physics	612.01442 12	
	cell physiol.	531.2	
		541.39	
Static	chemic		
Stationary			
boilers	engineering	621.18424	
engins		621.16	
induction apparatus	eng.	621.314	
Stationery			
library	correspondence	025.151	
	printing	025.121	
paper	manufacture	676	
Stations			
central	elec. engineering	621.312	
fire alarm	architecture	725.19	
police	" "	725.18	
railway	passenger "	725.31	
Statistical			
methods		311	
theory of wages		331.211	
Statistics		310	
labor		331	
library	administration	025.123	
	see also special subjects		
Statius, P. P.	Lat. poetry	873.5	
Statuary	dom. economy	645.5	
	sculpture	730	
Stature			
	influence on respiration	612.2291	
Status			
professional	of teachers	371.15	
public	" "	371.104	
social	" "	371.105	
Statute law	American	345	
	British	346	
Stays			
	locomotiv boiler	621.1332	
	plant support	631.3452	
Steam			
baths	prac. chemistry	542.46	
boiler	inspection eng.	621.1947	
	prot. of life	614.837	
	engineering	621.18	
	collectors	621.18479	
	cooking appliances	643.337	
	distribution	621.185	
	locomotivs	621.1342	
	dredges	portable engines 621.154	
	drills	" "	621.154
	engin	agriculture	631.3715
		mech. eng.	621.1
		physics	536.81
	engineering	621.1	
	engins, management of	621.195	
	fitting	696.3	
	generation	engin'g 621.18	
	heated apparatus, cookery	641.587	
		kitchen 643.337	
	heating	bilding 697.5	
		boiler plants 621.19	
	jets	mech. engin'g 621.69	
		mine ventilation 622.43	
	navigation	sociology 387	
		useful arts 656	
	physics	536.44	
	pipes	696.3	
		engineering 621.185	
	plow	agriculture 631.3123	
		traction engines 621.146	
	power	electric plants 621.312132	
		plants 621.19	
	pumps	engineering 621.64	
		mine drainage 622.54	
	reapers	traction engines 621.146	
	ships	naval architecture 623.8	
	shovels	portable engines 621.154	
	threshers	" "	621.156
	transmission	engin'g 621.185	
	transportation, useful arts	656	
	turbins	engineering 621.165	
		marine 621.123	
	vessels	shipbilding 623.823	
	Steamboat	inspection 614.864	
	Steaming	cookery 641.75	
	Steapsin	tryptic digest. 612.3423	
	Stearin	organ. chem. 547.7	
	Stearns duplex telegraf	621.382322	
	Steatoses, hepatic	physiol. 612.3541	
	Stedman, E. C.	Am. poet. 811.43	
	Steel		
		bilding material 691.7	
		bildings, library 022.21	
		bridges, archt 624.67	
		engraving 762	
		manufactures 672	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Steel  
 metallurgy 669.1  
 piers and columns arch. 721.35  
 ships 623.84  
 strength of materials 620.17  
 structures architect. 721.93  
 works " 725.43  
     **engineering** 621.7  
 Steele, R: Eng. essays 824.53  
 Steeplechaser 636.122  
 Steeples architecture 729.35  
 Steering  
   apparatus aviation 629.185  
                   ballooning 629.165  
   committee legis. proced. 628.375  
   gear shipbuilding 623.85  
   seamanship 656  
 Stege, H. T. Dan. drama 839.8234  
 Stellar astronomy 523.8  
 Stelleridea zoology 593.93  
 Stem  
   cuttings 631.5354  
   grafting 631.54143  
   suckers 631.5331  
 Stencil decoration 747  
 Stencils 652  
 Stenografers lib. corresp. 025.152  
                   staff 023.761  
 Stenografy 653  
 Stensen, Niels Dan. misc. 839.883  
 Stenson's duct anatomy 611.3165  
 Step grates steam eng. 621.18354  
 Stephen English history 942.024  
<sup>1</sup>Stephenson co. Ill. " 977.333  
 Stepladders lib. economy 022.941  
 Sterculiaceæ botany 583.18  
 Stereochemistry 541.6  
                   organic 547.2  
 Stereografic  
   projections descr. geom. 515.53  
 Stereometer spec.grav. 531.54  
 Stereometry gaging 511.8  
 Stereopticon optics 535.86  
                   education 371.335  
 Stereoscopes optics 535.86  
 Stereotomy descr. geom. 515.8  
 Stereotyping printing 655.22  
 Sterility diseases 616.69  
                   gynecology 618.17  
 Sterilization, food preserv. 641.4  
                   infant feeding 613.22  
 Sterilization, soil 631.46  
<sup>1</sup>Sterling, Scotland history 941.36
- Sterne, L. Eng. fiction 823.62  
 Sternoclavicular joints 611.7271  
 Sternocleidomastoid muscle 611.7331  
 Sternohyoid muscle 611.7332  
 Sternothyroid muscle 611.7334  
 Sternum anatomy 611.713  
 Stethometry physiology 612.211  
 Stethoscope diagnosis 616.074  
<sup>1</sup>Steuben co. Ind. history 977.278  
<sup>1</sup>    N. Y. " 974.783  
<sup>1</sup>Steubenville, O. " 977.1691  
 Stevens, Ft, D.C. U.S. hist. 973.7369  
 Steward dom. economy 647.21  
 Stewart, Dugald Eng. phil. 192.6  
 Stewing cookery 641.74  
 Sthen, H. K. Dan. drama 839.8232  
 Stiftschulen diocesan sch. 377.4  
 Stigmata devotional 248  
 Stijl, Simon Dutch misc. 839.384  
 Stil births pregnancy 618.39  
                   vital statistics 614.131  
           life painting 758  
 Stilling's canal anat. 611.8447  
           nuclei " 611.8223  
 Stillwater Amer. revol. 973.3333  
 Stils chemic technol. 668.7  
           prac. chem. 542.48  
 Stilton cheese 637.3542  
 Stilts  
   concrete arch. foundat. 721.166  
 Stimulants  
   action of hygiene 613.8  
   and narcotics medicin 615.78  
   ethics of using 178  
   manufacture 663  
   of circulatory system 615.711  
   physiology 612.393  
 Stimulation  
   electrophysiology 612.01442  
   nervous  
     chemic phenomena 612.814  
     electric " 612.813  
   nervous  
     histologic fenomena 612.815  
     physiologic psychology 612.8211  
     thermic phenomena 612.814  
   of hart physiology 612.172?  
     muscle " 612.74162  
   reaction to psychometry 612.8211  
 Stipa fibers 633.583  
 Stipple engraving 765  
 Stirpiculture hygiene 613.94  
 Stirrup bone anatomy 611.857  
 Stjernhjelm, G. Swed. poet. 839.7131

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Stock</b>			
exchanges	priv. finance	332.6	
farm types		631.145	
	catalogs	636.08187	
farms		636.0813	
formation of	zootechny	636.082	
grafting		631.5411	
jobbing		332.6	
live	agriculture	636	
raising	zootechny	636.08	
selection	"	636.0811	
taking	library econ.	025.8	
tickers	elec. engin'g	621.38251	
yards	architecture	725.27	
<sup>1</sup> Stockholm	history	948.7	
	travels	914.87	
Stockings	costume	391.4	
	toilet	646.42	
Stocks	polit. economy	332.6	
<sup>1</sup> Stockton, Cal.	hist.	979.456	
Stockwerks	econ. geol.	553.17	
Stoddard, R: H:	Am. poetry	811.41	
<sup>1</sup> Stoddard co. Mo.	history	977.895	
Stoic philosophy		188	
Stoichiometry	chemistry	541.9	
Stoke, Melis	Dutch poet.	839.3114	
Stokers, mech.	steam eng.	621.1836	
Stolons		631.5332	
Stolze shorthand		653.34	
<b>Stomach</b>			
	administration of med. by	615.61	
	anatomy	611.33	
	diseases of	616.33	
	physiology	612.32	
<b>Stone</b>			
age, early		571.1	
	late	571.2	
	and iron structures arch.	721.96	
	artificial		
	building materials	691.3	
	chem. tech.	666.8	
	piers and colums	721.33	
	strength engin'g	620.132	
	walls architec.	721.23	
	building materials	691.2	
	buildings, library	022.21	
	boats farm transport	631.3733	
	carving sculpture	736	
	ceilings arch. construc.	721.72	
	columns " "	721.32	
	construction masonry	693.1	
<sup>1</sup> co. Mo.	history	977.8794	
cutters' occupation	hyg.	613.63	
<b>Stone</b>			
cutting	masonry	693.12	
	sculpture	731	
	stereotomy	515.81	
diseases		616.62	
floors	arch. construc.	721.62	
foundations	architecture	721.1332	
fruits		634.2	
gatherer		631.3117	
houses, city	arch.	728.31	
	detach " "	728.37	
	semi " "	728.34	
	village " "	728.62	
natural	building material	691.2	
	strength	620.132	
pavements	engineering	625.8	
piers	arch. construc.	721.32	
quarries	prehist. archeol.	571.21	
remains, neolithic		571.24	
	paleolithic	571.14	
roads	engineering	625.86	
rollers		631.3141	
walls	arch. construc.	721.22	
ware	manufactures	666.6	
work, bonds of	masonry	693.11	
Stonehenge	Eng. antiqui.	913.42	
<b>Stones</b>			
building	econ. geol.	553.5	
ornamental " "		553.8	
River, Tenn.	U.S. hist.	973.7337	
Stonington, Ct.			
U. S. war of 1812		973.5236	
Stony Point	Am. revol.	973.3354	
Stool layering		631.5343	
Stopping	mining engin'g	622.27	
Stoppage of wages		331.1	
Stoppers	prac. chem.	542.25	
Stopping teeth	dentistry	617.67	
<b>Storage</b>			
batteries	elec. eng.	621.354	
buildings	architecture	725.3	
cheese business		637.3352	
cold	"	725.35	
crops		631.55	
of electricity	engin'g	621.35	
	science	537.84	
explosivs, prot. of life		614.831	
milk		637.1327	
noxious materials			
air pollution		614.75	
rooms	lib. econ.	022.4	
safe deposit	architec.	725.35	

<b>Store</b>			<b>Streams</b>		
<b>and apartment buildings</b>	<b>725.22</b>		pollution	factory waste	628.541
orders	wages	331.235	sewage		628.39
ships	shipbuilding	623.826	<sup>1</sup> Streator, Ill.	history	977.327
<b>Storehouse, library as</b>		<b>021.1</b>	<b>Street</b>		
<b>Storehouses</b>	mfg plant	<b>621.796</b>	car stations	architec.	725.317
	R. R.	archi. 725.33	cleaning		628.46
<b>Storeroom</b>	dom. econ.	643.37	railways	engineering	625.6
<b>Stores</b>				management	656
care and cleaning		647.9621		sociology	388
cooperativ	pol. econ.	334.5	sprinkling		628.46
department		658	<b>Streets</b>		
retail	architecture	725.21	<b>engineering</b>		<b>625.7</b>
wholesale	"	725.21	laying out of, hygiene		614.781
<sup>1</sup> <b>Stories</b>	English fiction	<b>823</b>	local administration		352.7
	kindergarten	372.214	trees in san. engin'g		628.48
	of animals	591.5	<b>Strength of</b>		
<b>Storm, Edvard</b>	Dan. poet.	839.8154	guns	mil. engin'g	623.51
<sup>1</sup> <b>Stormont co. Ont.</b>	history	971.375	<b>materials engineering</b>		<b>620.11</b>
<b>Storms</b>				molec. phys.	539.4
electric		538.7	<b>Strengthened beams</b>	carpen.	694.3
meteorology		551.55	<b>Stresses</b>		
wind	meteorology	551.51	bridge engineering		624.17
<b>Story, Isaac</b>	Am. satire	817.21	strength of materials		620.11246
<sup>1</sup> <b>Story co. Ia.</b>	history	977.7546	<b>Stria corneae</b>	anatomy	611.81325
<b>Story of Susanna</b>	Bible	229.6	terminalis	"	611.81325
<b>Stoves</b>			<b>Striae acusticae</b>	"	611.81778
heating	ilding	697.2	<b>Striate body</b>	"	611.8132
kitchen equipment		643.23	<b>Stricker, der Ger.</b>	satire	837.21
manufactures		672	<b>Stricture of rectum</b>	dis.	616.35
<b>Stowe, Mrs H. B.</b>			<b>Strike</b>	geology	551.85
	Amer. fiction	813.37	<b>Strikes</b>	political economy	331.89
<b>Strabismus</b>	eye diseases	617.76	<b>String bean</b>		635.652
	physiol.	612.8468	<b>Stringd instruments</b>		<b>787</b>
<sup>1</sup> <b>Strafford co. N. H.</b>	hist.	974.25	<b>Strinnholm, A. M.</b>		839.7862
<b>Straight lines</b>	descr. geom.	515.11	<b>Striped muscles</b>	physiol.	612.74
<b>Straightening tools</b>		621.983	<b>Strippers, corn</b>		631.3554
<b>Strain, effects of</b>	diseases	616.983	<b>Strontium</b>	inorg. chem.	546.42
<b>Strains</b>	bridge engin'g	624.17	<sup>2</sup> <b>Strophe</b>	Eng. prosody	426.7
	zootechny	636.08211	<b>Strowger</b>	telephone system	621.38576
<sup>1</sup> <b>Strasburg</b>	history	943.44	<b>Structural</b>		
	travels	914.344	<b>botany</b>		<b>581</b>
<b>Strategy</b>		<b>355.4</b>	diseases of brain and cord		616.83
<b>Stratification</b>	geology	551.81	<b>geology</b>		<b>551.8</b>
<b>Stratified ore deposits</b>	geol.	553.14	<b>Structure</b>		
<b>Stratigraphic geology</b>		<b>551.7</b>	formulae	chemistry	541.6
<b>Strato</b>	Greek philosophy	185.4	molecular	physics	539.1
<b>Straw</b>			of the universe	astron.	523.11
fibers	dom. economy	646.185	<b>Structures</b>		
foods	zootechny	636.08625	composit	architec.	721.94
<b>Strawberry</b>	fruit culture	634.75	iron	"	721.9
tomato	kitchen garden	635.647	<b>Strychnia</b>	spinal poisons	615.97
tree	fruit culture	634.667	<b>Strychnin</b>	nervous excit.	615.785

<b>Stuarts</b>	<b>English history</b>	<b>942.06</b>	<b>Styrian fowls</b>	<b>636.536</b>
	Irish history	941.56	sheep	636.3336
<b>Stub, Ambrosius</b>	Dan. lit.	839.8145	<sup>1</sup> Suabia, Germany hist.	943.37
<b>Stubble cutter</b>		631.3552	<b>Suabian swine</b>	<b>636.431</b>
	plow	631.3126	<b>Subaqueous</b>	
<b>Stucco</b>			foundations arch.	721.17
external masonry		693.61	bridges	624.157
village houses	architec.	728.64	<b>Subarachnoid region</b>	<b>611.8194</b>
<b>Stud books</b>		<b>636.0822</b>	<b>Subclavian arteries</b>	<b>611.134</b>
<b>Student life and customs</b>		<b>371.8</b>	glands	611.4638
self government		371.59	muscle	611.7353
<b>Students</b>			veins	<b>611.1454</b>
biografy		923.7	<b>Subcontract</b>	
college expenses		378.368	labor and wages	331.236
in U. S. civ. war		973.715	<b>Subcostal arteries</b>	<b>611.1354</b>
income		<b>378.36</b>	muscle	611.7357
relations to library		021.32	<b>Subcrureus muscle</b>	<b>611.738225</b>
voting by pol. sci.		324.164	<b>Subcutaneous</b>	
<b>Studies</b>			injections	615.63
order of curriculum		375.0011	tissue admin. of med.	615.63
<b>Studios, art</b>	architecture	727.7	anatomy	611.779
<b>Study</b>			<b>Subiculum cornu ammonis</b>	<b>611.81311</b>
<b>Bible</b>		<b>220</b>	<b>Subintestinal vein</b>	<b>611.143</b>
clubs, relation to library		021.41	<b>Subject</b>	
self education		374.21	<b>bibliografies</b>	<b>016</b>
furniture home		645.64	<b>catalogs bibliografy</b>	<b>017</b>
offis		651	library admin.	025.3
<b>methods</b>		<b>371.3</b>	<b>Subjectivity knowledge</b>	<b>121</b>
rooms library economy		022.52	<b>Subjects</b>	
school architec.		727.1	allowable for arts degree	378.242
equip.		371.621	library accessions	025.211
<b>self culture</b>		<b>374</b>	of legislativ action	328.27
of special topics see subj.			of study curriculum	375.01-9
<b>Stuffing fibers</b>		<b>633.59</b>	<b>Sublibrarians lib. econ.</b>	<b>023.72</b>
<b>Stump</b>			<b>Sublimation prac. chem.</b>	<b>542.48</b>
extractor		631.3117	<b>Sublime and beautiful</b>	<b>701</b>
jumper		631.3127	<b>Sublingual glands</b>	<b>611.3161</b>
taild sheep, African		636.386	<b>Submarine</b>	
Asiatic		636.385	armor	627
<b>Sturgeons fishes</b>		<b>597.4</b>	cables communication	654.5
<b>Stuttering</b>		<b>616.87</b>	elec. engin'g	621.3828
<sup>1</sup> Stuttgart	history	943.47	mines mil.	623.9
	travels	914.347	telegraf communication	654.5
<b>Style costume</b>		<b>390</b>	elec. engin'g	621.3828
dom. econ.		646	sociology	384
library bildings		022.341	tunnels mining engin'g	622.26
literary rhetoric		808	<b>warfare mil.</b>	<b>623.9</b>
<b>Styles of type printing</b>		<b>655.24</b>	naval	623.9
<b>Stylidies botany</b>		<b>583.57</b>	<b>Submarines shipbilding</b>	<b>623.825</b>
<b>Stylohyoid muscle</b>		<b>611.7344</b>	<b>Submaxillary ganglion</b>	<b>611.89156</b>
<b>Styraceæ botany</b>		<b>583.686</b>	glands	611.3161
<sup>1</sup> Styria, Austria	history	943.65	<b>Submental glands</b>	<b>611.462</b>
	travel	914.365	<b>Submerged vessels</b>	<b>623.825</b>
<b>Stys, hog</b>	air pollutions	614.762	<b>Submersion, asphyxia by</b>	<b>612.2322</b>

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Suboccipital nerves	611.8331	Succession	
Subscapular arteries	611.1341	to English crown	342.42
muscle	611.73716	property law	347.6
Subscription		Succory alkaloid plants	633.78
book publishing	655.57	salads	635.54
dep't lib. privileges	024.78	Suckers, plant	631.5331
libraries	027.3	Suckling, J: Eng. poetry	821.41
to creeds eccles. polity	262.8	Suckling zootechny	636.08411
39 articles Ang. ch.	283.42	Sucroclastic ferments	
Subscriptions		physiologic chemistry	612.01515
library staf rules	023.93	Suction pump physics	533.85
support	021.95	Suctoria parasitica ectozoa	616.9688
Subsidence of sewage	628.33	<sup>1</sup> Sudan Africa history	966.2
Subsidies		1 Egyptian "	962.6
library local support	021.91	Sudoriferous glands	611.774
state aid	021.832	Sue, Eugene Fr. fiction	843.74
protection	337.4	Suetonius Latin literature	878.7
public school	379.124	Suez canal engineering	626.9
ship	387	sociology	386
wages political econ.	331.225	Suffixes Eng. etymology	422.2
Subsistence ration	612.3952	Suffocation physiology	612.232
Subsoil plow	631.3126	protec. of life	614.82
Subsoiling tillage	631.512	<sup>1</sup> Suffolk, co. England hist.	942.64
Substance metaphysics	111	1 Mass. "	974.46
Substantia		1 N. Y. history	974.725
cinerea anatomy	611.8224	Suffolk cattle	636.2266
nigra "	611.81541	down sheep	636.3235
perforata anterior anat.	611.8133	funch horse	636.1522
spongiosa "	611.8224	swine, large	636.4246
Substations elec. engin'g	621.3126	middle	636.4272
Substitute system suffrage	324.224	small	636.4213
Substitutes		Suffrage	
butter	637.28	political science	324
milk	637.18	U. S. const. amendment	
Substitutions		const. hist.	342.739
algebra	512.86	history	973.82
feeding zootechny	636.08445	pol. sci.	324.15
Subsurface		Sufism oriental filosofy	181.5
condits road engin'g	625.78	Sugar	
irrigation san. "	628.364	adulterations	614.311
packer agriculture	631.3144	amount in liver	612.35211
Subterranean		apple	634.412
telegraf communication	654.4	bean	635.653
elec. engin'g	621.31923	beets agriculture	633.63
Subthalamie tegmental reg.	611.8141	blood physiology	612.35212
Subways		cane agriculture	633.61
hygiene of ground	614.782	duty on	337.5
road engineering	625.4	food values	641.13
sanitation	625.47	formation in lactic secre.	612.66432
Success in life ethics	174	harvesting	631.5566
Succession		house prison Am. revol.	973.372
apostolic eccles. pol.	262.11	in milk physiol.	612.66412
monarchic pol. science	321.6	manufacture	664.1
		milk	637.145

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Sugar</b>			<b>Summer</b>		
nutrition	612.396		closing lib. econ.	024.44	
organic chemistry	547.3		dishes cookery	641.592	
plants	633.6		houses arbors	717	
refinery	664.1		<sup>1</sup> iles, Bermuda history	972.99	
refining air pollution	614.734		iles, Bermuda travels	917.299	
vegetable drugs	615.332		pruning	631.5422	
<b>Sugars</b>			resorts amusements	791	
absorption in intestin	612.33272		architecture	728.52	
stomach	612.32272		savory	635.71	
changes in organism	612.3962		schools agriculture	630.7132	
chemistry of food	641.13		lib. econ.	020.712	
digestion in intestin	612.3322		self education	374.8	
stomach	612.3222		squash	635.621	
in urin	612.46182		<sup>1</sup> Summers co. W. Va hist.	975.476	
tryptic digestion	612.3422		<sup>1</sup> Summit co. O. "	977.136	
<b>Suggestion hypnotism</b>	134		<b>Summons</b>		
therapeutics	615.851		legislativ bodies	328.353	
<b>Suhm, P. F. Danish misc.</b>	839.8845		<b>Sumner, C: Am. oratory</b>	815.33	
<b>Suicide customs</b>	394.8		assault on U. S. hist.	973.7114	
ethics	179.7		<b>Sumner's method naviga.</b>	527.4	
<b>Suits in equity law</b>	347.8		<b>Sumptuary laws ethics</b>	177.4	
<b>Sulcomarginalis, fasciculus</b>	611.8255		<b>Sunter, Fort, S. C.</b>		
<b>Sulfate</b>			naval hist. U. S. civ. war	973.7351	
of iron agriculture	631.825		U. S. civil war	973.7311	
<b>Sulfates agriculture</b>	631.833		<b>Sun</b>		
chem. tech.	661.6		baths therapeutics	615.831	
<b>Sulfids mineralogy</b>	549.3		cracks geology	551.83	
<b>Sulfur</b>			descriptiv astronomy	523.7	
chemistry	546.22		dials horology	529.78	
compounds air pollut'n	614.725		dried brick masonry	693.22	
in food physiol.	612.39243		effect on tides	525.62	
urin "	612.46163		light hygiene	613.19	
waters econ. geoi.	553.74		maps and observations	524.7	
<b>Sulfuric acid chem. tech.</b>	661.2		motors engineering	621.47	
<b>Sulky cultivators</b>	631.3163		pictures	770	
plow	631.3122		rooms dom. econ.	643.57	
<sup>1</sup> Sullivan co. Ind. hist.	977.241		stroke injuries	616.988	
<sup>1</sup> Mo. "	977.8235		worship	290	
<sup>1</sup> N. H. "	974.27		<b>Sunbirds zoology</b>	598.8	
<sup>1</sup> N. Y. "	974.735		<sup>1</sup> Sunbury co. N. B. hist.	971.543	
<sup>1</sup> Pa. "	974.859		<sup>1</sup> Sunda history	992	
<b>Sullivan's exped. Am. rev.</b>	973.3356		<b>Sunday</b>	263	
<b>Sully-Prudhomme Fr. poet.</b>	841.84		closing lib. and museums	263.7	
<b>Sulphates chem. technol.</b>	661.6		econ.	024.41	
<b>Sulphids mineralogy</b>	549.3		law	263.8	
<b>Sulphur, see Sulfur</b>			observance	263.4	
<b>Sulpicians monastic ord.</b>	271.75		opening lib. econ.	024.41	
<b>Sultans poultry</b>	636.573		school bildings arch.	726.4	
<b>Sumac botany</b>	583.292		libraries	027.8	
field crops	633.871		music	783.7	
<b>Sumacia swine</b>	636.472		schools	268	
<sup>1</sup> Sumatra history	992.1		work lib. econ.	023.632	
travel	919.21		polit. econ.	331.813	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Sundays labor holidays 331.817
- Sunesen, Anders Dan. poet. 839.8111
- Sunken  
 tubes foundations 721.177  
 wells " 721.176
- Sunn hemp 633.562
- Supercilia anat. 611.8476
- Superfetation animals 591.169
- Superfosfates agric. 631.855
- Superheaters, steam 621.1975
- Superintendence, bilding  
 school 379.15
- Superintendent, household  
 school 379.153
- Superior, Lake travels 917.7  
 Wis. history 977.512
- Supernatural metaphys. 125  
 theology 231.7
- Supernaturalism occultism 133
- Supernumerary organs  
 deformities 617.36
- Superphosphates agric. 631.855
- Supersaturation chem. 542.62
- Superstitions occultism 133  
 folklore 398.3
- Supervision  
 administration 351.93  
 domestic economy 647  
 of accounts bilding 692.7
- Supinators anat. 611.7376
- Supper recipes dom. econ. 641.53
- Supplies factory storage 621.7962  
 farm economics 631.171  
 legislativ 328.364  
 library admin. 025.116  
 stock farming 636.08171
- Supply and demand 338
- Support, library 021.9
- Supports  
 plant 631.345  
 practical chemistry 542.24  
 shelf lib. econ. 022.454
- Suppuration diseases 617.22
- Supraclavicular nerv 611.83334
- Suprarenal  
 artery, middle anat. 611.1366  
 bodies anatomy 611.45  
 diseases of 616.45  
 physiology 612.45  
 nervs anatomy 611.8393  
 veins " 611.1463
- Supraspinatus muscle 611.73712
- Supremacy, papal ch. pol. 262.13
- Supreme court reports, U. S. 345.4
- Surats goats 636.39854
- Sureties commercial law 347.7
- Surf boats shipbilding 623.829
- Surface  
 cultivator 631.3164  
 features of the earth 551.4  
 geology 551  
 transportation mining 622.69
- Surfaces  
 of revolution desc. geom. 515.16  
 warpt " " 515.17
- Surfacing road engineering 625.75
- Surfit dietetic diseases 616.39
- Surfusion prac. chem. 542.63
- Surgeon gen. U.S.A. reports 353.6
- Surgeons  
 American revolution 973.375  
 biografy 926.1  
 Great war 1914-19 940.475  
 U. S. civil war 973.775
- Surgery 617
- Surgical  
 dressings 617.93  
 instruments 617.91  
 operations medicin 617.4  
 zootechny 636.0897  
 pathology 617
- <sup>1</sup>Surinam, S. Amer. hist. 988
- Surinam cherry 634.423
- Surnames genealogy 929.4
- Surrender of  
 Burgoyne Am. revol. 973.3333  
 Cornwallis " 973.3375  
 Lee U. S. civ. war 973.7384
- Surrey, earl of Eng. poet. 821.28
- <sup>1</sup>Surrey co. England history 942.21  
 fowls 636.522
- Surrogate courts 347.99
- Surveying  
 geodesy 526.9  
 subterranean min. eng. 622.14  
 surveying 526.99
- Surveys  
 general scientific 508.3  
 sanitary public health 614.77  
 social sociology 309.1  
 travel 914-19  
 soil 631.47  
 vocational education 371.429
- Survival of fittest evolution 575.6
- Surviving  
 hart physiology 612.1726  
 organs " 612.0138
- Survivors ass'n, confederate 369.171
- Susanna, story of Bible 229.6

Susceptibility emotions	157	Sweaters clothing	646.45
Susiana ancient history	935.9	Sweating system wages	331.236
Suspended		Sweden	
animation medicin	616.206	administration	354.485
physiology	612.0131	antiquities	913.485
Suspension		architecture	720.9485
bridges engineering	624.5	bo'any	581.9485
catenary elec. traction	621.33223	colleges	378.485
of legislators	328.366	constitutional law	342.485
rights pol. sci.	323.49	education	370.9485
suffrage "	324.17	finance	336.485
running gear engin'g	625.21	geology	554.85
<sup>1</sup> Susquehanna co. Pa. hist.	974.834	<sup>1</sup> history	948.5
<sup>1</sup> Sussex co. Del. history	975.17	laws	349.485
<sup>1</sup> England "	942.25	maps	912.485
travels	914.225	religious history	274.85
<sup>1</sup> N. J. history	974.976	schools, public	379.485
Sussex		statistics	314.85
cattle	636.2228	travel	914.85
down sheep	636.3231	treaties	341.2485
fowls	636.522	zoology	591.9485
sheep	636.3231	Swedenborgian church	289.4
swine	636.4212	lives	922.84
<sup>1</sup> Sutherland, Scot. history	941.14	Swedish	
Suttee treatin't of the ded	393.9	architecture, Romanesque	723.48
<sup>1</sup> Sutter co. Cal. hist.	979.434	church sects	284.7
Sutures anatomy	611.7141	gymnastics hygiene	613.71
surgery	617.93	<sup>4</sup> language	439.7
Suzerain		<sup>5</sup> literature	839.7
states pol. sci.	321.023	merinos	636.367 <sup>h</sup>
Svaning, Hans Dan. misc.	839.883	movement cure massage	615.82
Svart, P. A. Swed. "	839.7821	turnip	635.126
<sup>1</sup> Svealand, Sweden history	948.7	Sweep cultivators	631.3162
travel	914.87	Sweeping dom. econ.	648.52
Svedenborg, E. Swed. misc.	839.7836	Sweet	
<sup>1</sup> Swabia, Germany history	943.47	clover	633.366
travels	914.347	corn	635.67
Swabian swine	636.431	herbs	635.7
Swabs gun	623.463	Otaheite apple	634.442
Swaledale sheep	636.3257	potato field crops	633.492
Swallowing physiol.	612.312	garden "	635.22
Swallows zoology	598.8	sop fruits	634.412
Swamp blueberry	634.737	Sweets cookery	641.85
Swamps		Swet	
physical geografy	551.49	effect on temperature	612.533
public helth	614.772	glands anatomy	611.774
reclamation	631.615	disorders of	616.56
Swans domestic birds	636.681	physiology	612.792
zoology	598.4	therapeutics	615.743
Swastika ecclesiology	246.5	Sweters clothing	646.45
heraldry	929.6	Sweting system wages	331.236
Swearing, legal	347.94	Swift, J. Eng. satire	827.52
profane ethics	179.5		
Sweat, <i>see</i> Swet			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Swimming</b>				<b>Switzerland</b>	
amusements	796			travel	914.94
animal locomotion	591.47			treaties	341.2494
baths architecture	725.73			zoology	591.9494
bladder compar. anat.	611.29			<sup>1</sup> Switzerland co. Ind. hist.	977.212
"  physiol.	612.767			<b>Swivel</b>	
Swinburne, A. C: Eng. poet.	821.86			bridges  engin'g	624.83
Swindling  ethics	174.6			<b>Sword exercise</b>	796
law	343			<b>Swords  side arms</b>	623.4442
<b>Swine</b>				war customs	399
cress	635.565			<sup>1</sup> Sydenham, Ont.  history	971.318
diseases of  comp. med.	619.4			<sup>1</sup> Sydney, Australia  history	994.4
domestic animals	636.4			travels	919.44
<b>Swing</b>				<b>Syenite  economic geology</b>	553.52
bridges  engin'g	624.83			metamorphic rocks	552.41
plow	631.3124			plutonic rocks	552.32
<b>Swiss architecture</b>	724.7			<b>Syllogism  logic</b>	166
cattle	636.237			<b>Sylvian aqueduct  anat.</b>	611.8156
chard	635.42			fissure  "	611.81313
cheese, hard	637.3543			<b>Symbolic logic</b>	164
sheep	636.333			<b>Symbolism  Bible</b>	220.6
swine	636.449			religious art	246
<b>Switch</b>				<b>Symmetric functions  alge.</b>	512.84
boards, central station	621.317			<b>Sympathetic</b>	
telephone exchange	621.387			nervous system	
engins, steam	621.13263			action on blood vessels	612.1814
<b>Switches</b>				salivary secre.	612.31382
electric  engin'g	621.3173			anatomy	611.839
local  elec. lighting	621.3287			diseases	616.88
railway engineering	625.16			ganglions  anatomy	611.899
telephone	621.3866			physiology	612.89
telegraf	621.38327			of  hart	612.1782
<b>Switzerland</b>				strikes  polit. econ.	331.892
administration	354.494			<b>Sympathy  emotions</b>	157
antiquities	913.494			<b>Symphony  orches. music</b>	785.1
architecture, history	720.9494			<b>Symphiseotomy  obstetrics</b>	618.85
botany	581.9494			<b>Symptomatic dis. of women</b>	618.17
colleges	378.494			<b>Symptoms  diagnosis</b>	616.07
constitutional law	342.494			<b>Synagogs  architecture</b>	726.3
education	370.9494			<b>Synarthrosis  anatomy</b>	611.7292
finance	336.494			<b>Synchronizers  elec. eng.</b>	621.37491
geology	554.94			<b>Synchronology  history</b>	902
<sup>1</sup> history	949.4			<b>Synchronous</b>	
<sup>4</sup> language  French	440			machinery  elec. eng.	621.3134
German	430			multiplex telegraf	621.38236
Romansh	459.9			<b>Synclinal  structural geol.</b>	551.86
laws	349.494			<b>Syncope, cardiac  physiol.</b>	612.1786
<sup>5</sup> literature  French	840			<b>Syndicalism  polit. econ.</b>	331.87
German	830			<b>Synesthesia  physiology</b>	612.887
Romansh	859.9			<b>Synod  ecclesiastic polity</b>	262.4
maps	912.494			<sup>2</sup> Synonyms  Eng. language	424
religious history	274.94			<b>Syntax  compar. philology</b>	415.2
schools, public	379.494			English language	425.2
statistics	314.94			<sup>3</sup> Syntheses  physiol. chem.	612.01536

Synthesis			T beams, strength of	620.11282
<b>chemistry</b>	<b>545.9</b>		*Tabasco, Mexico history	972.6
electric chemistry	545.97		Tabernacle	
logic	160		biblical antiquities	220.93
Syphilis			sacred furniture	247.2
diseases	616.951		Tabernacles architecture	725.92
public health	614.547		Table	
vaccinal contag. dis.	614.4733		<b>and parlor games</b>	<b>793</b>
Syphon physics	532.56		anecdotes entertaining	642.48
*Syracuse, N. Y. history	974.766		decoration dom. econ.	642.8
Sicily anc. hist.	937.8		d'hôte table systems	642.51
<b>Syria ancient history</b>	<b>939.4</b>		<b>domestic economy</b>	<b>642</b>
Coele " "	939.42		lights lib. bildings	022.763
modern " "	956.9		ship outfit	623.86
Upper anc. history	939.41		<b>systems dom. econ.</b>	<b>642.5</b>
*Syriac language	492.3		<b>talk Eng. literature</b>	<b>828</b>
text Bible	220.43		tipping spiritism	133.9
Syrian church sects	281.5		Tableaux	793
desert history	953.9		Tables	
goat	636.3985		acoustics	534.9
philosophy	181.9		algebra	512.9
sheep	636.385		arithmetic	511.9
Syrmian swine	636.472		<b>astronomy</b>	<b>524</b>
Syrtyca Regio anc. hist.	939.74		electricity	537.9
Syrup adulterations	614.311		engineering	620.8
Systematic			food dom. econ.	641.1
<b>botany</b>	<b>580</b>		furniture dom. econ.	645.43
catalogs bibliografy	017		library "	022.912
<b>theology</b>	<b>230</b>		heat	536.9
Systems			hydrostatics	532.9
construction shipbilding	623.84		integral calculus	517.39
drainage agriculture	631.63		interest	658
economics	330.15		life life insurance	368.3
electoral suffrage	324.2		magnetism	538.9
floor bridge engin'g	624.25		mathematical	510.8
irrigation "	631.73		mechanics	531.9
manuals see subject			mercantil	658
of aerial lines	621.319222		molecular physics	539.9
electric traction	621.3312		optics	535.9
transmission	621.31912		pneumatics	533.9
incandescent lighting	621.3262		sun's motion	525.38
meteors	523.54		tide	525.69
underground lines	621.319232		water walls	721.25
philosofic	140		time transportation	656
road engineering	624.71		Tablets, memorial monu.	718
scientific economics	330.15		Taboo religion	299.9
<b>suffrage</b>	<b>324.2</b>		Taccaceæ botany	584.26
Systole physiology	612.171		Tachometers steam eng.	621.1977
Syv, Peder Dan. poetry	839.8133		Tachygraphy shorthand	653.71
Szalontaer swine	636.432		Tacitus, C. C. Latin lit.	878.6
			Tackle	
			blocks and engin'g	621.862
			breaching ordnance	623.4362
			hydraulic machinery	621.262

Tackle			
mechanical engin'g	621.863		
Tact mental faculties	151		
Tactics, military	355.4		
Tactil sense physiol.	612.88		
Taenia semicircularis	611.81325		
Tahr goat	636.39854		
Tail			
comparativ anat.	611.99		
lymphatics comp. anat.	611.4219		
Tailless fowls	636.5882		
Tailoring	687		
Taine, H. A. Fr. essays	844.83		
<sup>1</sup> Taiwan history	951.2		
Takigrafi shorthand	653.71		
<sup>1</sup> Talbot co. Md. history	975.232		
Talbotypes	772		
Talent mental faculties	151		
<sup>4</sup> Tales Eng. literature	823		
Talipes surgery	617.39		
Talismans	133.4		
Talmud Judaism	296		
Talocalcaneum ligament	611.72851		
Talus anatomy	611.71871		
<sup>1</sup> Tama co. Ia. history	977.756		
Tamarind fruit culture	634.461		
Tamariscinæ botany	583.158		
<sup>1</sup> Tamaulipas, Mex. history	972.1		
Tambourine instruments	789.4		
Tamil language	494		
literature	894		
Tammany political ass'n	363		
Tampico fibers	633.5772		
Tamworth swine	636.4262		
<sup>1</sup> Taney co. Mo. history	977.8797		
Tangents trigonometry	514.1		
Tangerine	634.322		
Tank sewers	628.28		
Tankage fertilizers	631.846		
Tanks			
feedwater engin'g	621.1972		
railway architecture	725.33		
track steam locomotivs	621.1363		
Tanning manufactures	675		
air pollution	614.745		
material agriculture	633.87		
Tannins vegetable drugs	615.334		
Tansillo, Luigi Ital. poet.	851.43		
Tantalates mineralogy	549.71		
Tantalum			
chemistry	546.88		
filaments elec. lighting	621.32642		
Taoism	299.5		
Tapestry fine arts	746		
Tapestry bilding	698.7		
Tapetum anat.	611.8423		
Tapeworms parasitic dis.	616.964		
Tapioca chem. technol.	664.2		
Tapping machines	621.955		
Tar			
chemic technology	668.4		
coal chem. tech.	668.7		
engineering materials	620.196		
paper bags	648.7		
road materials	625.7		
roofing bilding	695.6		
water medicin	615.3252		
Tarascan civilization	972.013		
Tardiness lib. econ.	023.612		
school disciplin	371.52		
Tarentaise goat	636.394		
Target			
practis, naval mil. eng.	623.554		
shooting	799		
Targums Chaldee versions	221.42		
Tariff act, 1824 U.S. hist.	973.54		
1828 " "	973.55		
Dingley " "	973.88		
McKinley " "	973.86		
Underwood " "	973.913		
Wilson " "	973.87		
causes of U.S. civ. war	973.7118		
Tariffs pol. econ.	337		
for electricity eng.	621.371		
Tarinus, valv of anat.	611.81711		
<sup>1</sup> Tarn, France history	944.85		
<sup>1</sup> et Garonne, Fr. history	944.75		
Tarragon	635.74		
Tarsal artery anat.	611.13794		
Tarsometatarsal joints	611.7286		
Tarsus anatomy	611.7187		
Tartar emetic, medicin	615.731		
Tartar horses	636.11		
sheep	636.385		
<sup>1</sup> Tartary history	950		
travels	915		
Task			
work wage bases	331.231		
Tasks school disciplin	371.56		
<sup>1</sup> Tasmania history	994.6		
Tasso, B. Ital. poetry	851.35		
T. " "	851.46		
Tassoni, A. " satire	857.51		
Taste			
anatomy	611.87		
and criticism fine arts	701		
esthetics " "	701		
facial nerv action	612.81975		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Taste			Teas, commercial mixing of	663.9
in printing		655.26	Technical	
mental perceptions		152.4	dictionaries	603
physiology		612.87	on special topics see subject	
Tattooing domestic econ.		646.26	education	607
Tattooing customs		391.7	on special topics see subject	
Tautomerism chem.		541.7	school architecture	727.4
Taverns housekeeping		647.94	schools	378.99
Tavsen, Hans Dan. poetry	839.812		libraries in	371.648
Tax, military mil. sci.	355.2		see also special subject	
titles law	347.2		troops military science	358
Taxation			Technologic schools	607
causes of Amer. revol.	973.3114		on special topics see subject	
local government	352.1		Technology	600
political economy	336.2		chemic	660
school support	379.13		Tectology histology	611.01881
Taxes			Tedders	631.3531
exemption from	336.29		Teeswater cattle	636.2223
farm economics	631.112		sheep	636.3216
for raising library funds	021.91		Teeth	
tariff political econ.	337		animals	591.73
Taxidermy	579.4		artificial dentistry	617.69
Taylor, Bayard Am. poet.	811.46		dentistry	617.6
Z. presidency of	973.63		diseases of	617.6
<sup>1</sup> Taylor co. Ia. history	977.779		human anatomy	611.314
<sup>1</sup> W.Va. "	975.455		physiology	612.311
<sup>1</sup> Wis. "	977.526		Teetotalism temperance	178.2
shorthand	653.35		Tegel, E. G. Swed. misc.	839.7822
Taylor's campaign Mex. war	973.6233		Tegmentum anatomy	611.81543
theorem algebra	512.4		Tegnér, E. Swed. poetry	839.7163
<sup>1</sup> Tazewell co. Ill. history	977.354		<sup>1</sup> Tehama co. Cal. hist.	979.427
Tea adulterations	614.347		Tehuantepec	
beverages	641.87		<sup>1</sup> Mexico history	972.7
commercial mixing	663.9		ship canal engineering	626.9
cultivation	633.72		Teichmann's crystals	612.11116
hygiene	613.37		Telæ choroideæ anat.	611.8192
physiology	612.3932		Telautograf elec. eng.	621.3826
rooms dom. econ.	647.95		Telephone	
tax on Amer. revol.	973.3115		bills, legislativ	328.364
Teachers			booths lib. bildings	022.683
and teaching	371		communication	654.6
biografy	923.7		electric engineering	621.385
cards lib. econ.	024.71		electricity	537.82
institutes education	370.72		electrophysiology	612.01442182
library propandism	021.75		instruments elec. eng.	621.386
relation to library	021.31		sociology	384
training	370.7		Telefones dom. econ.	643.6
university faculty	378.12		interdep't lib.	022.948
Teaching			school bldgs	371.629
freedom of education	378.121		Telefony	
pol. sci.	323.444		and telegrafy, combined	621.38295
<sup>2</sup> of special topics see subject			military	623.733
Tear apparatus anat.	611.8464		wireless engineering	621.385
physiol.	612.847		wireless "	621.3845



- Telegraf**  
 bildings architecture 725.23  
 bills, legislativ 328.364  
 codes writing 652  
     engineering 621.38215  
 electric applications 537.81  
 finding longitude by 525.47  
 military signals 623.732  
 sociology 384  
**Telegrafic**  
 construction commun. 654.4  
     engineering 621.3192  
 instruments 654.1  
     engin'g 621.383  
**Telegrafone** useful arts 621.389  
**Telegrafs** administration 351.817  
**Telegrafy**  
 and telefony, combined 621.38295  
 communication 654  
 wire engineering 621.382  
 wireless engineering 621.3842  
**Telemeters, electric** 621.379  
     gunnery 623.54  
     surveying 526.91  
**Telencephalon** anat. 611.813  
**Teleology** metaphysics 124  
**Teleostei** fishes 597.5  
**Telepathy** mind and body 134  
**Telephone, see** Telefono  
**Telephot** fotografy 778  
**Telepost** elec. eng. 621.38247  
**Telescope** astronomy 522.2  
     optics 535.83  
     zenith astron. 522.43  
**Telescopes** famous 522.29  
**Telferage** mech. engin'g 621.867  
**Telfers** " " 621.868  
**Tellez, Gabriel** Sp. drama 862.33  
**Tellurates** mineralogy 549.77  
**Tellurids** " 549.3  
**Tellurium** chemistry 546.24  
**Telpherage** mech. engin'g 621.867  
**Telphers** " " 621.868  
**Temiscouata co. Que.** hist. 971.476  
**Temper** ethics 179.8  
**Temperament** piano 786.2  
**Temperaments** 137  
**Temperance**  
     ethics 178  
     hygiene 613.81  
     in laboring classes 331.84  
     legislation 178.4  
     reformatories 178.6  
**Temperate regions** agric. 631.0912
- Temperature**  
 animal heat 612.5  
 conditions of life 577.4  
 elevated hygiene 613.64  
 hygiene 613.18  
 in diseases diagnosis 616.075  
     physiol. 612.556  
 influence on respiration 612.225  
 low agriculture 632.11  
 measurement physics 536.5  
     physiol. 612.51  
 nitrogen excretion 612.46123;  
 of air meteorology 551.52  
     body physiology 612.56  
     earth geology 551.12  
     liver physiology 612.355  
     soil agriculture 631.436  
     urin physiology 612.46113  
 pathology 616.075  
 physiologic chem. 612.01535  
 physiology 612.5  
 sense physiology 612.882  
 therapeutics 615.832  
 variable hygiene 613.64  
**Tempering**  
     manufactures 671  
     molecular physics 539.54  
**Templars** 366  
     knights 929.712  
**Temples** architecture 726.1  
     student soc. 371.86  
**Temporal**  
 artery, superficial anat. 611.13327  
 bone anatomy 611.7153  
 lobe " 611.81313  
 muscle " 611.73272  
 power papacy 262.13  
     relig. history 270.4  
**Temporary halls** architec. 725.92  
**Temporomandibular joint** 611.724  
**Temporomaxillary joint** 611.724  
**Temporosphenoid lobe** 611.81313  
**Temptation** doct. theol. 233.2  
**Temptations of laboring**  
     classes 331.84  
**Tenants** law 347.2  
**Tendency** legisla. pol. sci. 328.24  
**Tender, legal** paper money 332.5  
**Tenders, locomotiv** 621.136  
**Tendons** anatomy 611.74  
     diseases of 616.75  
     physiology 612.755  
     sheaths of anatomy 611.75  
         diseases of 616.76

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Tenements			Terminals, voltaic eng.	621.3526
<b>architecture</b>	<b>728.1</b>		<b>Terminations, nerv histol.</b>	<b>611.01886</b>
domestic economy	647.91		Terminology anatomy	611.0114
hygiene	613.53		" economics	330.14
laboring classes	331.83		" metaphysics	112
Teneriffe description	914.68		" physiology	612.0114
Tenia anatomy	611.81325		" solutions	541.3412
Tennessee, U. S.			Termites zoology	595.73
admission U. S. history	973.43		Terms schools	371.23
<b>history</b>	<b>976.8</b>		definitions lib. econ.	020.14
For military history, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89			Ternstroemiaceæ botany	583.166
secession U. S. history	973.713		Terra cotta	
travel	917.68		and iron architecture	721.97
Tennis, lawn	796		art	738
parlor	794		columns architecture	721.34
Tennyson, A. Eng. poetry	821.81		construction masonry	693.3
Tenotomy surgery	617.47		manufactures	666.6
<sup>2</sup> Tense signs Eng. etymol.	422.8		piers architecture	721.34
<sup>3</sup> Tenses Eng. syntax	425.8		porous, constr. masonry	693.4
Tension engineering	620.1124		works architecture	725.48
Tensor			Terra del Fuego travels	918.2
fasciæ latae anat.	611.73815		<sup>1</sup> di Otranto, Italy hist.	945.76
vaginae femoris "	611.73815		trav.	914.576
Tent caterpillars pests	632.78		Terraces phys. geology	551.35
life hygiene	613.67		Terracing	631.613
making mech. trade	689		Terrapin culture	639.3
Tenth nerv anatomy	611.83191		zoology	598.13
physiology	612.81991		<sup>1</sup> Terre Bonne co. Que. hist.	971.424
Tenting outdoor sports	796		<sup>1</sup> Haute, Ind. "	977.245
Tentorium cerebelli anat.	611.8195		Terrestrial	
Tents			magnetism	538.7
military science	355.81		means of find'g longitude	525.47
prehistoric dwellings	571.86		Territorial representation	328.3342
Tenure of			Territory	
land law	347.2		acquisition pol. sci.	320.12
<b>polit. economy</b>	<b>333</b>		Tertiary age geology	551.78
offis civil servis	351.4		Tertullian philosophy	189.2
library economy	023.2		Tessin, K: G. Swed. misc.	839.7841
teachers	371.142		Test	
Teratology			laws Eng. relig. hist.	274.2
anatomy	611.012		tubes prac. chemistry	542.231
animals	591.2		<b>Testacea zoology</b>	<b>594</b>
monstrosities	591.159		<b>Testament, New</b>	<b>225</b>
natural history of man	573.9		Old	221
plants	581.22		Testamentary law	347.6
surgery	617.3		Tester, milk	637.1276
Terbium inorganic chem.	546.653		Testes anatomy	611.631
Terence Latin drama	872.5		physiology.	612.616
Teres major anatomy	611.73715		Testi, Fulvio Ital. poetry	851.53
minor "	611.73714		<b>Testicles anatomy</b>	<b>611.631</b>
Teresa de Jesus Span. misc.	868.33		physiology	612.616
Terminal cone of spinal cord	611.8216		Testimony	
			expert evidence	347.94
			state control of	614.23

Topics in black face type are subdivided Superior figures refer to the tables at the end of this index

- Testimony**  
   legal evidence 347.94  
   probabilities 519.3  
**Testing, butter** 637.225  
   cheese 637.325  
   milk 637.1276  
**Tests**  
   boiler manufacture 621.18413  
     operation 621.1947  
     public safety 614.837  
   chemic analysis 543  
   educational suffrage 324.14  
   electric engineering 621.37  
   mental childstudy 136.702  
     psychology 150  
   of engineering materials 620.112  
     ordnance stores 623.4822  
**Testudinata** zoology 598.13  
**Tetanic muscular contract'n** 612.74113  
**Tetanus** diseases 616.854  
   surgery 617.27  
**Tetracorolla** 593.61  
**Teutonic**  
   knights 929.713  
   minor languages 439  
     literatures 839  
   mythology 293  
   race ethnology 572.83  
**Texas**  
   <sup>1</sup>co. Mo. history 977.884  
   state  
     annexation Mex. war 973.621  
       resolution 973.58  
       U. S. history 973.61  
     <sup>1</sup>history 976.4  
     independence U. S. hist. 973.56  
     secession " " 973.713  
     For military history, see subdivisions of Special campaigns and military history under 973.62, 973.7 and 973.89  
     travel 917.64  
     steer 636.2821  
**Texel cheese** 637.3551  
**sheep** 636.3311  
**Textbooks**  
   <sup>1</sup> for writ'g verse Eng. pros. 426.8  
   free public schools 379.153  
   instruction 371.32  
   state public schools 379.156  
**Textil**  
   fabrics dom. economy 646.1  
     inspection 614.37  
     manufactures 677  
     prehist. archeol. 571.54  
**Textil**  
   factories architecture 725.41  
   fibers agriculture 633.5  
   hangings bilding 698.7  
     dom. economy 645.2  
   roofing bilding 695.8  
**Texts**  
   comparativ philology 418  
   <sup>1</sup> English philology 428.8  
   <sup>1</sup> for learning Eng. lang. 428  
     original Bible 220.4  
**Thaarup, T:** Dan. drama 839.8255  
**Thackeray, W: M.** Eng. fict. 823.82  
**Thalamencephalon** anat. 611.814  
**Thalamic radiation** " 611.8147  
**Thalamus, optic** " 611.8147  
**Thales** Greek philosofer 182.1  
**Thallium**  
   accumulators elec. eng. 621.357  
   inorganic chemistry 546.52  
**Thallophyta** 589  
**Thames**  
   battle U. S. war of 1812 973.5235  
   river, Eng. description 914.22  
**Thanksgiving**  
   day customs 394  
     schools 371.365  
   sermons 252.6  
**Thar goat** 636.39854  
**Thasos** ancient history 939.11  
   <sup>1</sup> modern " 949.91  
**Thatch** roofing 695.9  
**Theater in library bilding** 022.651  
**Theaters** amusements 792  
   architecture 725.82  
   ethics 175.2  
   hygiene 613.55  
**Theatricals, private** 793  
**Theban goat** 636.39862  
   supremacy Gk hist. 938.06  
<sup>1</sup>Thebes, Egypt history 962.3  
   travel 916.23  
**Theft** law 343  
**Thefts of library books** 024.86  
**Theism** natural theology 211  
**Themistocles** Gk letters 886.1  
**Theocritus** Gk lyric poetry 884.6  
**Theodicy** God 231.8  
   Providence 214  
**Theodolite** surveying 526.91  
**Theodosius 3** Byzant. hist. 949.501  
**Theognis** Greek poetry 881.1  
**Theologians** biography 922

Theologic			Thian-Shan, E. Turkestan	915.16
<b>doctrins</b>		230	Thiard, Pontus de Fr. poet	841.35
education	religion	207	Thibaut 4	" " 841.16
seminaries	architect.	727.4	<sup>1</sup> Thibet, China history	951.5
	religion	207	Thiers, presidency Fr. hist.	944.08
<b>Theology</b>		200	Thigh anatomy	611.982
<b>biograpy of</b>		922	lymfatics of	611.42182
<b>natural</b>		210	<b>muscles</b>	611.7382
Theophanies		231	Thigmotaxis mesology	612.014478
Theophrastus anc. philos.		185.2	Thilorier apparatus chem.	542.79
<b>Theoretic astronomy</b>		521	Thinning fruit pruning	631.54227
<b>chemistry</b>		541	of branches "	631.54214
<b>ethics</b>		171	<b>Third</b>	
Theories of			nerv anatomy	611.8313
construction bilding		690.1	<b>physiology</b>	612.8193
<sup>2</sup> special subject see subject			rail electric lines	621.3323
Theosofy		212	systems power deliv.	621.33156
<b>Therapeutics</b>		615.5	ventricle anatomy	611.8148
Thermal springs seismology		551.23	Thirst and hunger physiol.	612.3913
<b>Thermic</b>			<b>Thirty</b>	
centers physiology		612.535	day bills legislation	328.375
effects of muscular			years war Europ. hist.	940.24
contraction		612.7453	Ger. "	943.041
phenomena of hart action		612.173	Scand. "	948.04
nerv centers		612.814	Thirty-nine articles creeds	238.3
nervs		612.8224	Thistles agriculture	632.58
topograpy physiology		612.563	botany	583.55
Thermochemistry		541.36	Thomas à Kempis	242.1
Thermodynamic value, <i>see</i>			Aquinas	189.4
Value, thermodynamic			Thompson, D. P. Am. fict.	813.31
Thermodynamics		536.7	Thomson, J. Eng. poetry	821.56
applied steam engin'g		621.101	Thomsonianism cures	615.855
Thermogenesis			<b>Thoracic</b>	
<b>conditions affect'g physiol.</b>		612.54	<b>aorta anatomy</b>	611.135
<b>physiology</b>		612.51	arteries "	611.1341
<b>Thermolysis physiology</b>		612.52	<b>bones</b> "	611.712
Thermometers			duct "	611.424
agriculture		632.112	diseases of	616.42
electric engineering		621.379	physiology	612.4231
manufacture		681	esophagus anatomy	611.3291
physics		536.51	ganglions, sympathetic	
steam plant		621.1977	anat.	611.8392
Thermometry			physiol.	612.892
meteorology		551.52	<b>glands anatomy</b>	611.464
pathology		616.075	lymfatics anatomy	611.4214
physics		536.51	<b>muscles</b> "	611.735
<b>physiology</b>		612.56	<b>nervs</b> "	611.834
<b>Thermoscope</b>		536.5	vertebrae "	611.7115
<b>Thermotaxis physiology</b>		612.53	Thoracostraca zoology	595.38
Thermotherapy		615.832	<b>Thorax anatomy</b>	611.94
Thessalonians 1 Bible		227.81	Thoreau, H: D: Am. misc.	818.31
2 "		227.82	Thorild, T. Swed. poetry	839.7155
Thessaly ancient history		938.2	Thorium inorgan. chem.	546.84
Theuerdank Ger. poetry		831.36	Thornheded worms diseases	616.966

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Thornton shorthand 653.55  
 Thoro bass music 781.3  
 Thorwald discov. of Amer. 973.13  
**Thought faculty** 153  
   new 131  
   transference 134  
 Thousand Islands, N. Y.  
<sup>1</sup> history 974.758  
   travel 917.4758  
 Thracia ancient history 939.89  
 Thred worms parasit. dis. 616.965  
 Three  
   bodies, prob. of astron. 521.13  
   phase elec. machinery 621.313323  
     trac. systems 621.331433  
     **transmis. "** 621.319133  
   wire elec. " a.c. " 621.3191323  
     " " d.c. " 621.319123  
     incandescent light 621.3262  
**Threshers agriculture** 631.361  
   steam engin'g 621.156  
 Threshing 631.5612  
 Thrift laboring classes 331.84  
 Thrips pests 632.73  
 Throat  
   anatomy 611.93  
   diseases 616.31  
   protection in factories 628.512  
   surgery 617.53  
 Thrombin physiology 612.11512  
 Thrombosis, venous 618.77  
<sup>1</sup>Thronhjelm, Norway hist. 948.4  
   travel 914.84  
 Thrones arch. accessories 729.93  
 Throttle, locomotiv 621.1349  
 Throttling engins 621.1642  
 Thrust  
   balancing steam turbins 621.16536  
   hoe 631.3152  
   steam turbins 621.16536  
 Thucydides Greek liter. 888.2  
 Thugs 299.11  
 Thulium inorg. chem. 546.697  
 Thum extensors anat. 611.73768  
   flexor, long " 611.73756  
   muscles " 611.73773  
 Thunder  
<sup>1</sup> Bay dist. Ont. hist. 971.312  
   physics 537.4  
   storms meteorol. 551.55  
 Thurible sacred ornam'ts 247.9  
<sup>1</sup>Thuringia, Germany hist. 943.22  
 Thuringian fowls 636.538  
 Thyme 635.71  
 Thymelæaceæ botany 583.933  
 Thymus anatomy 611.43  
   diseases of 616.43  
   physiology 612.43  
 Thyrocervical trunk 611.1347  
 Thyrohyoid muscle 611.7335  
 Thyroid  
   artery, superior anat. 611.13321  
   **body anatomy** 611.44  
   diseases of 616.44  
   **physiology** 612.44  
   veins anatomy 611.1451  
 Thyroidectomy physiology 612.445  
   surgery 617.44  
 Thyroids, aberrant anat. 611.445  
 Thyrotomy physiology 612.445  
   surgery 617.44  
 Thysanura pests 632.71  
   zoology 595.71  
 Tian-Shan description 915.16  
<sup>1</sup>Tibet, China history 951.5  
   travel 915.15  
 Tibet goat 636.3985  
 Tibia anatomy 611.7185  
 Tibial  
   artery, anterior anat. 611.13787  
     posterior " 611.13791  
   glands, anterior " 611.4684  
   muscle " " 611.73841  
     posterior " 611.73857  
   vein " 611.14737  
 Tibiofibular  
   joint, inferior anatomy 611.72841  
   ligaments " 611.72838  
   **trunk** " 611.1379  
 Tibiotarsal ligament " 611.72844  
 Tibullus, A. Lat. poetry 874.3  
 Tic douloureux diseases 616.87  
 Tichborne trial crim. law 343.1  
 Tickling physiology 612.883  
 Ticks animal parasites 616.9685  
 Ticonderoga  
   battle Amer. revol. 973.3314  
   capture U. S. col. hist. 973.26  
   evacuation Amer. revol. 973.3322  
 Tide tables 525.69  
   waters law 347.7  
 Tides  
   **astronomy** 525.6  
   **physical geografy** 551.46  
   protection from eng. 627.5  
 Tieck, L.; German fiction 833.73  
 Tieplates railway engin'g 625.14  
 Ties, railroad 625.14

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<sup>1</sup> Tiffin co. O.	history	977.1241	Time		
Tigers	zoology	599.7	tables	railroad	656
Tight boots	hygiene	613.484	wage bases		331.232
	lacing	613.484	Times		
<b>Tile</b>			feeding	zootechny	636.08442
and iron structures	arch.	721.97	Timon	Greek philosophers	186.1
construction	building	693.3	Timothy	1 Bible	227.83
drains	reclamation	631.62		2 "	227.84
floors, hollow	architect.	721.63	Timothy	forage crops	633.24
hollow, construction	building	693.4	<b>Tin</b>		
roofing	"	695.3	chemistry		546.81
strength of materials		620.14	group	chemistry	546.8
<b>Tiles</b>			manufacture		671
building material		691.4	metallurgy		669.6
colored roofs		721.56	mining		622.34
floor covering		721.68		prehistoric	571.31
manufactures		666.7	ores	econ. geology	553.45
with iron ceilings	arch.	721.73	roofing	building	695.4
Tiliaceæ	botany	583.19	Tinsel	dom. economy	646.19
<b>Tiling</b>	masonry	693.3	Tinting	laundry process	648.27
	roofing	695.3	Tintypes	photography	772
Till	physical geology	551.33	<sup>1</sup> Tioga co. N. Y.	history	974.777
<b>Tillage</b>		631.5	<sup>1</sup>	Pa.	974.856
<b>Timber</b>			<b>Tippecanoe</b>		
architecture		724.7	battle	U. S. war of 1812	973.51
building material		691.1	<sup>1</sup> co. Ind.	history	977.295
forestry		634.9	<sup>1</sup> Tipperary, Ireland	history	941.92
gratings	foundations	721.162	Tips	political economy	331.238
manufacture		674	<sup>1</sup> Tipton co. Ind.	hist.	977.255
piles	foundations	721.142	Tiraboschi, G.	It. essays	854.63
platforms	"	721.162	Tirant lo Blanch	Catal.fict.	849.933
preservation of	building	691.1	<b>Tires</b>	railway engine	625.21
strength of materials		620.12		rubber manufacture	678
trade		338.1	Tirso, de Molina	Span.dram.	862.33
Timberd, half, walls	arch.	721.21	<b>Tissue</b>		
<b>Timbering</b>			cellular, absorption by		612.388
foundations	architect.	721.12	connectiv	anatomy	611.76
	bridges	624.152		diseases of	616.77
mines		622.28		histology	611.0182
Timbre, voice	physiol.	612.784		physiology	612.75
Timbuctoo	travels	916.62		subcutaneous	admin. of
<b>Time</b>					medicin by 615.63
chronology		529	<b>Tissues</b>		
cosmic		529.77	animal histology		591.8
distribution of		529.76	elec. resistance	physiol.	612.795
finding at sea		527.3	respiration of	"	612.26
keepers	watchmaking	681	uric acid in	"	612.461259
limit of library loans		024.62	vegetable histology		581.8
lost	library servis	023.641	<b>Titanium</b>		
metaphysics		115	inorganic chemistry		546.82
of day	hygiene	613.13	oxid arcs	elec. lighting	621.3256
	extra library loans	024.72	<b>Tithes</b>	cleric support	254
standard		529.75		taxation	336.21
systems and standard		529.75			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Title			Tomato	635.64
catalog	lib. admin.	025.3	tree	634.7761
to property, law of		347.2	worms pests	632.78
Titles			Tombs burial pub. helth	614.612
and duties	lib. economy.	023.7	Tombs cemeteries	718
changed book	biblog.	014	disposal of ded	393.1
of honor		929.7	Tomich Catalan misc.	849.9821
Titration solution			Tommaséo, N. Ital. essays	854.78
quan. anal.		545.2	<sup>1</sup> Tompkins co. N. Y. hist.	974.771
Titrometric methods " "		545.5	Tone color acoustics	534.5
Titus Bible		227.85	physiology	612.85874
<sup>1</sup> Tlascala, Mexico history		972.4	Tones, distinction of phys.	612.85874
Toadfish batrachians		597.6	Tongue, <i>see</i> Tung	
fishes		597.5	Tonic	
Toads		597.8	muscular contraction	612.74114
Toadstools botany		589.22	sol-fa vocal music	784.9
Toasts entertainments		642.48	Tonicity reflex movements	612.82933
Tobacco			Tonics aids to digestion	615.7341
cerebro-cardiac poisons		615.99	<sup>1</sup> Tonkin history	959.9
cultivation		633.71	Tonkin swine	636.485
ethics		178.7	Tonnage gaging	389
hygiene		613.84	shipping	656
inspection of pub. helth		614.36	Tonquin, <i>see</i> Tonkin	
internal revenue		336.27	Tonsillae intestinales	611.3443
manufacture		679	Tonsils anatomy	611.322
pipes manufactures		679	diseases of	616.31
state monopoly		336.19	physiology	612.3122
<sup>1</sup> Tobago, W. Indies hist.		972.98	Tools	
Tobit Apocrypha		229.2	agricultural	631.3
Tobogganing sports		796	bilding	690.7
Toe joints anatomy		611.7289	bronze age	571.35
Toes		611.987	machine	621.9
extra deformities		617.36	mechanic trades	680
Toggenburg goat		636.3937	mechanical engineering	621.9
Toggle joints engin'g		621.825	printing	655.21
Toilet			stone age	571.25
articles customs		391.6	Toothake dentistry	617.65
domestic economy		646.7	Tootht gears	621.83
room furnishings		645.68	Top grafting	631.54144
rooms dom. economy		643.52	Topelius, Z. Swed. fiction	839.7366
lib. bildings		022.686	Topical method instruction	371.36
Token money numismatics		737	Topinamber	635.24
pol. econ.		332.4	Topografic drawing	526.98
<sup>1</sup> Tokio history		952	geodesy	526.9
travel		915.2	Topografy	
<sup>1</sup> Toledo, O. history		977.113	aerial	629.145
Toleration, religious ethics		172.3	hygiene of ground	614.77
<sup>1</sup> Tolland co. Ct. history		974.64	maps	913
travels		917.464	military	623.71
Tollens, H. Dutch poetry		839.3154	surveying	526.99
Tolls, road and bridge		352.7	thermic physiology	612.563
Toltec civilization hist.		972.011	Toppers, corn	631.3555
Tomas, Bishop Swed. poet		839.7112	Torches chemic technol.	665.1
			military engin'g	623.45442

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Torelli, Achille	Ital. drama	852.86	Township	Ger. local gov.	352.0436
Tories	Amer. pol. parties	329.8	<b>Toxic action of blood</b>		<b>612.11822</b>
	revolution	973.314		sweet	612.79212
	Eng. polit. parties	329.942	<b>Toxicity, urinary</b>		<b>612.462</b>
Tornadoes	meteorology	551.55	<b>Toxicology therapeutics</b>		<b>615.9</b>
<sup>1</sup> Toronto, Ont.	history	971.3541	Toxins		
Torpedo			<b>in blood physiology</b>		<b>612.11821</b>
boats	naval engineering	623.825	physiology		612.3988
shells	ordnance	623.4517	Toy		
Torpedoes			dogs		636.765
explosivs		662.2	pigeons		636.5965
land	military engin'g	623.26	high class		636.5962
naval	"    "	623.95	Toys	amusements	793
Torrens system		333.3		domestic economy	649.55
Torres Naharro, B.		862.39		inspection of pub. helth	614.37
Torsion	engineering	620.11243	Trachea	anatomy	611.231
	molecular physics	539.3		diseases of	616.23
Tortoises	zoology	598.13		physiology	612.2152
Torts	law	347.5	Tracheal respiration	zool.	591.126
Torture	customs of war	399	Tracheotomy	surgery	617.42
	law	340.3	Trachoma	eye diseases	617.77
	persecutions	272	Trachyte	lithology	552.24
Total abstinence		178.2	<b>Track elec. engineering</b>		<b>621.333</b>
depravity	doc. theol.	233.2	road	"	625.14
Totemism		392	scales	"	625.18
Touch	anatomy	611.88	tanks	"	625.16
	magnetism	538.2	locomotiv		621.1363
	mental faculties	152.5.	Trackless trolley	elec. eng.	621.33225
	<b>physiology</b>	<b>612.88</b>	Tract	cathedral music	783.23
	sensory functions	612.82559		societies	206
Toulouse	history	944.86	<b>Tractarianism</b>	<b>Angl. ch.</b>	<b>283</b>
	travels	914.486	Traction		
	goose	636.5984	<b>electric engineering</b>		<b>621.33</b>
Touraine, France	history	944.54	engin agriculture		631.3123
	travel	914.454	<b>engins, steam</b>		<b>621.14</b>
Tournaments	customs	394.7	<b>Tractors, farm</b>		<b>631.372</b>
Toussaint, A.L.G.B.	Dut. fic.	839.3356		metallic cures	615.856
Towers			<b>Tracts, religious, practical</b>		<b>240</b>
aerial	elec. lines	621.319225	on special topics	see topic	
architectural	design	729.36	Trade		
cooling	steam plants	621.19764	acceptance	pol. econ.	332.7
suspension	bridge	624.56	<b>administration</b>		<b>351.82</b>
water	fire extinction	614.846	balance of	commerce	382
	waterworks	628.13	boards of	architecture	725.25
Towing	canal engineering	626.7		commerce	381
Town halls	architecture	725.13	<b>catalogs bibliografy</b>		<b>015</b>
offisers	local govt	352	depressions	commerce	381
Townley plays	Eng. dram.	822.13		money	332
Towns				production	338
German	local govt	352.0435	domestic		381
government		352	foren		382
laying out of	hygiene of		free		337.2
	ground	614.781	list of books, publishers		015
sanitation of		628.4			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Trade			Transactions gen. society	060
marks	copyright	655.62	<sup>3</sup> special topics, see subject	
	law	347.7	Transcendentalism	141
	patents	608	Transcriptions	
sales	lib. book buying	025.223	orchestral music	785.9
schools		607	piano	786.48
slave		326.1	Transfer	
winds	meteorology	551.51	boards, telephone	621.3874
Trades			systems, telephone	621.38563
hygiene		613.6	Transferable	
labor in special		331.818	vote suffrage	324.224
mechanic		680	Transformation	
unions	polit. econ.	331.88	of coordinates, loci in space	516.34
useful arts		680	plane loci	516.14
Trading companies		338.7	spheric astronomy	522.73
stamps		658	Transformations algebra	512.86
Traditions			Transformer	
ecclesiastic polity		262.7	panels elec. engin'g	621.31725
folklore		398.1	substations " "	621.31263
Traduction	orig. of the soul	129.2	Transformers, auto el.eng.	621.3144
Traffic			elec. eng.	621.3143
commerce		656	Transfusion of blood	
in intoxicating drinks		178.4	physiology	612.1163
<sup>4</sup> Tragedies	Eng. literature	822	therapeutics	615.65
Train			Transit	
boats	shipbuilding	623.8234	bildings astronomy	522.13
Training			circle astron. instrum.	522.34
classes	agric. educ.	630.775	finding longitude by	525.48
domestic animals		636.088	time by	529.71
laboring classes	pol. ec.	331.86	instrument	522.34
library	library schools	020.7	local sociology	388
	qualifications	023.532	mounting	522.27
of library	executiv	023.42	out of meridian	522.44
offis	law education	340.7	Transits astronomy	523.9
physical	hygiene	613.7	of Mercury	523.91
	outdoor sports	796	Venus	523.92
	school hygiene	371.7	Translating, art of	808
plants		631.546	Translations <i>Class with originals</i>	
schools for teachers		370.7	principle of comp. phil.	418
teachers		371.12	Transliteration	
<sup>3</sup> special topics, see subject			comparativ philology	411
Trains	railroad engin'g	625.2	in cataloging	025.3
Traitors			Transmigration of souls	129.4
American revolution		973.381	Transmission	
biografy		923.41	heredity evolution	575.1
Trakehner horse		636.143	hygiene	613.9
Tramps	pauperism	339	machinery of agric.	631.37
Tramways			engin'g	621.8
city transit		388	of disease pub. helth	614.43
electric engineering		621.33	elec. power engin'g	621.319
engineering		625.6	physics	537.84
mining engineering		622.65	force physics	531.8
Trance	hypnotism	134	gases	533.1

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Transmission		
heat	physics	536.2
power	mech. eng.	621.8
steam	" "	621.185
Transmitted disease	hyg.	613.93
Transmitters		
telephone		621.3863
wireless	telephone	621.38461
Transmutation		
of energy	physics	531.6
metals	chemistry	540.1
species	evolution	575.2
Transoms	gun mounts	623.4351
Transpiration		
cutaneous	physiology	612.793
of animals		591.129
plants		581.129
Transplanters		631.336
Transplanting		
agriculture		631.536
organs	physiology	612.602
teeth	dentistry	617.68
Transport		
agriculture		631.37
bldings	architecture	725.3
butter		637.235
cheese		637.335
criminal law		343.2
in mines		622.6
military		355.6
resources		355.27
milk		637.135
of animals	animal hyg.	614.96
fertilizers	agric.	631.817
the ded	pub. helth	614.63
sociology		380
useful arts		656
Transporter		
bridges	engin'g	624.86
Transports	shipblding	623.826
Transposition of parts	surg.	617.38
Transubstantiation		265.3
Transudations	physiology	612.381
<sup>1</sup> Transvaal, Africa	history	968.2
Transversalis cervicis	anat.	611.7313
Transversals	mod. geom.	513.52
Transverse		
mesocolon	anatomy	611.383
system	shipblding	623.84
Transversospinales	anat.	611.7316
Transversus thoracis	anat.	611.7358
<sup>1</sup> Transylvania	history	943.92
Transylvanian sheep		636.335
Trap	economic geology	553.57
lithology		552.28
Trapassi, Pietro	Ital. dram.	852.57
Trapezium	anat. of bones	611.71775
nervs		611.81776
Trapezius muscle	anat.	611.73111
Trapezoid body	"	611.81776
bone	"	611.71776
Trapping	business	639.1
Trappists	monastic orders	271.125
Traps		
agriculture		632.9
domestic economy		648.7
in sewers	sanitary eng.	628.256
steam pipe		621.1855
zootechny		636.081111
Trash, domestic	sanitation	628.44
Traumatic fever	surgery	617.26
Traumatism		616.982
<sup>1</sup> Travancore, India	history	954.8
Travel	clubs self educ.	374.21
cookery		641.575
hygiene		613.69
Travelers		
<sup>2</sup> conversation books, Eng.		428.2
lives		923.9
manuals for		910.2
protection of	pub. helth	614.86
Traveling		
art of		910.2
bridges	engin'g	624.86
clubs	self educ.	374.25
cranes	engin'g	621.874
grates	"	621.18362
libraries	lib. econ.	021.65
school		371.642
salesmen	suffrage	324.247
Travels, general		910
scientific		508.3
special, see	subject	
Traverse tables	surveying	526.91
Trawlers	boatblding	623.828
Trays, book	lib. econ.	022.943
Treadmills	mechan. eng.	621.46
punishments		343.2
Treason	Amer. revolution	973.381
law		343
Treasury		
notes	paper money	332.5
U. S.	administration	353.2
Treaties		
international law		341.2

- Treatises  
**Am. and Eng. priv. law** 347  
 on special topics see subject
- Treating temperance ethics 178.3
- Treatment of  
 captivs intern'l law 341.3  
                   war customs 399  
**disease** 616  
 the ded customs 393  
                   pub. helth 614.6
- Treaty  
 Bering sea U. S. hist. 973.86  
 Hawaiian " 973.86  
 of Paris Amer. revol. 973.317  
   Versailles Great war 940.314  
                   U.S. war w. Spain 973.891  
   Washington 341.273  
 peace American revol. 973.317  
 powers legislativ bodies 328.346  
 Santo Domingo 973.82  
 with Spain 1795 U.S. hist. 973.43  
                   1898 " 973.891
- <sup>1</sup>Trebizond, Asia Turk. hist. 956.5
- Treadmills mech. engin'g 621.46  
                   punishments 343.2
- Tree  
 conveyors 631.3366  
 cranberry 634.745  
 products harvesting 631.5568  
 tomato 634.7761
- Trees  
 botany 582  
 forestry 634.9  
 fruit culture 634  
 in streets, sanitation 628.48  
 layering 631.5346  
 ornamental 715  
 road engineering 625.77  
 tools for 631.34
- Trefining surgery 617.51
- Trellises plant support 631.3453  
                   training 631.5463
- Tremandreae botany 583.142
- Trematoda parasitic dis. 616.963
- Tremellinae botany 589.224
- Tremors, muscular physi. 612.7464
- <sup>1</sup>Trempealeau co. Wis. hist. 977.549
- Trench layering 631.5342
- Trenches, defense mil. eng. 623.34
- Trenching mil. engin'g 623.24
- Trent  
 affair U. S. civil war 973.751  
 council of relig. history 270.6  
 creed of Pius 4 238.2
- Trenton, N. J.  
 battle Amer. revol. 973.3326  
<sup>1</sup> history 974.966
- Trepanning surgery 617.51
- Trepassey, ship Am. revo. 973.357
- Trephining surgery 617.51
- Trestle bridges mil. eng. 623.653
- Trestles  
 bridge engineering 624.24
- Tresury  
 notes paper money 332.5  
 U. S. administration 353.2
- Trial  
 borings foundations 721.11  
 by ordeal law 340.3  
 civil 347.9  
 court martial 344  
 criminal 343.1  
 ecclesiastic 262.9  
 jury 340.4  
 state 343.1
- Trials  
 civil law 347.91  
 criminal " 343.1  
 in library servis 023.57  
 military law 344
- Triangle musical instrum. 789.3
- Triangles  
 differences of trigonom. 514.8  
 plane geometry 513.14  
                   trigonometry 514.5  
 practical chemistry 542.24  
 spheric geometry 513.41  
                   trigonometry 514.7
- Triangularis sterni anat. 611.7358
- Triangulation  
 computation of geodesy 526.4  
 field work " 526.3  
 net theory of least sq. 526.53
- Triassic age geology 551.76
- Tribes form of state 321.2
- Tribunes arch. accessories 729.92
- Triceps brachii anatomy 611.73724  
                   surae " 611.73854
- Trichinae econ. zoology 591.69  
                   parasitic dis. 616.965
- Trichiniasis public helth 614.562
- Trichoptera entomology 595.74
- Trickery bus. ethics 174.7
- Tricks, card amusements 793  
                   sleight of hand 791
- Tricuspid valvs anat. 611.12646
- Tricycling 796

<b>Triest</b> history	943.68	<b>Trolley</b>	
travels	914.368	arms elec. traction	621.3347
<b>Triewald, S. von</b> Swed. poet.	839.7138	lines " "	621.3322
<b>Trifacial</b> nervs anat.	611.8315	systems deliv. of power	621.33152
<b>Trifoliae</b> forage crops	633.373	<b>Trolleys</b> elec. traction	621.3347
<b>Trifoliatae</b> orange	634.321	<b>Trollope, A.</b> Eng. fiction	823.87
<b>Trigeminus</b>		<b>Trombone</b> wind instrum.	788.2
nerv anatomy	611.8315	<b>Trompes</b> prac. chem.	542.77
nucleus "	611.8174	<b>Tromso, Norway</b> hist.	948.4
physiology	612.8195	<b>Troops</b>	
<b>Trigonometric</b> leveling	526.38	U. S. history civil war	973.74
<b>Trigonometry</b>	514	Mex. " "	973.624
<b>Trilobites</b> paleontology	565.39	revolution	973.34
zoology	595.39	Span. war	973.894
<b>Trimmer, hedge</b>	631.3421	war of 1812	973.524
<b>Trimming</b> pruning	631.5423	<b>Trophic, see</b> Trofic	
<b>Trinidad</b> history	972.98	<b>Tropic</b> almond	634.555
<b>Trinitarians</b> mon. order	271.79	plants	581.9
<b>Trinity</b> co. Cal. hist.	979.414	<b>Tropics</b>	
<b>Trinity</b> doctrinal theology	231	agriculture	631.0913
<b>Trios</b> vocal music	784.83	clothing suitable to	646.092
<b>Tripe-cleaning</b> air pollu.	614.742	cooking for	641.592
<b>Triple</b> expansion		hygiene	613.11
engins	621.11266	<b>Trotter</b> horse	636.12
stationary engins	621.1647	<b>Trotting</b> racing	798
<b>Triples</b> obstetrics	618.25	<b>Troubadours</b>	849.1
<b>Tripods</b>		<b>Troughs</b>	
field work geodesy	526.32	pneumatic chemistry	542.73
practical chemistry	542.24	voltaic cells engin'g	621.3521
<b>Tripoli, Africa</b> history	961.2	<b>Trousers</b>	646.43
<b>Trips, school</b>	371.393	<b>Trout</b> culture fishing	639.3
<b>Triquetrum, os</b> anat.	611.71773	fishing sports	799
<b>Trissino, G. G.</b> Ital. drama	852.33	<b>Trouvères</b> Fr. literature	841.1
<b>Tristegineae</b> forage crops	633.281	<b>Trowel, garden</b>	631.3112
<b>Tritons</b> zoology	594.3	<b>Troy</b> ancient history	939.21
<b>Trituration</b> prac. chem.	542.22	1 N. Y. "	974.741
<b>Triumphs</b> student life	371.89	<b>Troya, Carlo</b> Ital. essays	854.73
<b>Triurideae</b> botany	584.71	<b>Truancy</b> school disciplin	371.52
<b>Troas</b> ancient history	939.21	<b>Truces</b> international law	341.3
<b>Trochilidae</b> ornithology	598.8	<b>Truck</b> farming	635
<b>Trochlear</b>		system labor	331.235
nervs anatomy	611.8314	<b>Trucks</b>	
physiology	612.8194	book library econ.	022.942
nuclei anatomy	611.8155	electric motor cars	621.3347
<b>Trochoid</b> joint "	611.72965	farm transport	631.3735
<b>Trofic</b> nervs		railway engineering	625.21
of skin physiology	612.798	<b>Truffles</b> gardening	635.8
physiology	612.818	<b>Trumbull, J.</b> Amer. poet.	811.21
<b>Trofs</b>		<b>Trumbull</b> co. O. history	977.138
pneumatic chemistry	542.73	ship Amer. revol.	973.356
voltaic cels engin'g	621.3521	<b>Trumpet</b> wind instrum.	788.1
<b>Trojel, P. K.</b> Dan. satire	839.8752	<b>Trumpeters</b> pigeons	636.59626
P. M. " "	839.8751	<b>Trunk</b> making	685
		railways elec. eng.	621.33132

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Trunkfish zoology 597.5
- Trunking  
  telephone switchboards 621.38741  
  systems 621.38561
- Trunks telephone lines 621.38741
- Trussed  
  arch bridge engin'g 624.7  
  bridges engin'g 624.3
- Trusses  
  bridge engineering 624.3  
  surgery 617.92
- Trust companies banks 332.14
- Trustees, library  
  room 022.611
- Trusts  
  and trustees law 347.7  
  corporations " 347.1  
  monopolies pol. econ. 338.8
- Truth ethics 177.3
- Tryon in Conn. Am. revol. 973.3351
- Trypanosomiasis diseases 616.9681
- Trypsin physiology 612.3424
- Tryptic digestion physiol. 612.342
- Tuba wind instruments 788.48  
  auditiva anat. 611.856
- Tube, per cent dairy 637.1275
- Tuber cinereum anat. 611.8143
- Tuberaceæ botany 589.231
- Tubercle diseases 616.995
- Tuberculosis "  
  public helth 614.542  
  pulmonary diseases 616.246
- Tubers  
  field crops 633.49  
  garden " 635.2  
  harvesting 631.5564  
  plant culture 631.5322  
  washers for 631.3626
- Tubes  
  boiler engin'g 621.18453  
  domestic economy 643.6  
  Fallopian anatomy 611.656  
  locomotiv boiler 621.1333  
  pneumatic communica.  
    dom. econ. 654.8  
    lib. econ. 643.6  
  porcelain chemistry 542.232  
  speaking communica.  
    dom. econ. 654.8  
    lib. econ. 022.947  
  strength of materials 620.11283  
  sunken foundations 721.177
- Tubing, glass prac. chem. 542.231  
  rubber " " 542.26
- Tubular boilers engin'g 621.18425  
  bridges " 624.4  
  furnaces prac. ch. 542.42
- Tubuli recti anatomy 611.6311
- Tubulous boilers engin'g 621.18426
- <sup>1</sup>Tucker co. W. Va. hist. 975.483
- Tuckerman, H: T. Am. lit. 814.33
- Tudor architecture 724.4
- Tudors English history 942.05  
  Irish " 941.55
- Tufa economic geology 553.58  
  lithology 552.22
- Tuff "  
  " 552.22
- <sup>1</sup>Tug valley, W. Va. hist. 975.446
- Tugs shipbuilding 623.8232
- Tuition fees schools 371.22
- Tula istle 633.5772
- <sup>1</sup>Tulare co. Cal. hist. 979.486
- Tullahoma, Tenn. campaign 973.7342
- Tullin, K. B. Dan. poetry 839.8151
- Tumbler pigeon 636.59615
- Tumors diseases 616.992
- Tuna fruit culture 634.7751
- Tune sacred music 783.6
- Tung  
  anatomy 611.313  
  diagnosis pathology 616.072  
  diseases of 616.31  
  physiology 612.3123
- Tungstates mineralogy 549.74
- Tungsten  
  filaments elec. lighting 621.32643  
  metals chemistry 546.78
- Tungusic language 494
- Tunicata zoology 594.9
- Tunics of eye  
  fibrous anatomy 611.841  
  physiology 612.841  
  vascular anatomy 611.842  
  physiology 612.842
- Tuning forks acoustics 534.3  
  piano 786.2
- <sup>1</sup>Tunis history 961.1  
  travels 916.11
- Tunisian sheep 636.386
- Tunneling  
  machinery, hydraulic 621.269  
  mining engineering 622.26  
  railroad " 625.13
- Tunnels aqueducts 628.14
- <sup>1</sup>Tuolumne co. Cal. hist. 979.445
- Tupelo, Miss. battle 973.7372
- Turanian languages 494  
  literatures 894

<b>Turbin wheel</b>	<b>hydraulic</b>	<b>621.24</b>	<b>Turntables</b>	<b>railway eng.</b>	<b>625.16</b>
	<b>steam</b>	<b>621.165</b>	<b>Turnwrest plow</b>		<b>631.3124</b>
<b>Turbinate bones</b>	<b>anat.</b>	<b>611.21</b>	<b>Turpentine</b>	<b>chem. tech.</b>	<b>665.3</b>
<b>Turbits</b>	<b>pigeons</b>	<b>636.59623</b>	<b>collectors</b>		<b>631.3568</b>
<b>Turck's fasciculus</b>	<b>anat.</b>	<b>611.8252</b>	<b>Turret mounts</b>	<b>ordnance</b>	<b>623.4334</b>
<b>Turell</b>	<b>Catalan miscel.</b>	<b>849.9822</b>	<b>Turtles</b>		
<b>Turf</b>			<b>fishery</b>		<b>639.3</b>
<b>burning</b>	<b>agriculture</b>	<b>631.831</b>	<b>paleontology</b>		<b>568.13</b>
<b>spade</b>		<b>631.3111</b>	<b>zoology</b>		<b>598.13</b>
<sup>1</sup> <b>Turin</b>	<b>history</b>	<b>945.1</b>	<b>Tuscan swine</b>		<b>636.45</b>
	<b>travels</b>	<b>914.51</b>	<sup>1</sup> <b>Tuscany, Italy</b>	<b>history</b>	<b>945.5</b>
<sup>1</sup> <b>Turkestan</b>	<b>history</b>	<b>958.4</b>		<b>travels</b>	<b>914.55</b>
<sup>1</sup>	<b>East</b>	<b>951.6</b>	<sup>1</sup> <b>Tuscarawas co. O.</b>	<b>history</b>	<b>977.166</b>
<b>Turkey</b>	<b>poultry</b>	<b>636.592</b>	<b>Tuscarora indians</b>		<b>970.3</b>
<b>Turkey in</b>			<sup>1</sup> <b>Tuscola co. Mich.</b>	<b>history</b>	<b>977.445</b>
<sup>1</sup>	<b>Asia</b>	<b>956</b>	<b>Tutor</b>	<b>home education</b>	<b>373.1</b>
	<b>Europe</b>		<b>Twain, Mark</b>	<b>Am. humor</b>	<b>817.44</b>
	<b>administration</b>	<b>354.496</b>	<b>Tweeddale sheep</b>		<b>636.3252</b>
	<b>botany</b>	<b>581.9496</b>	<b>Twelfth nerv</b>	<b>anatomy</b>	<b>611.83193</b>
	<b>finance</b>	<b>336.496</b>		<b>physiology</b>	<b>612.81993</b>
	<b>geology</b>	<b>554.96</b>	<b>Twilight</b>		<b>525.7</b>
<sup>1</sup>	<b>history</b>	<b>949.6</b>	<b>Twins, etc.</b>	<b>obstetrics</b>	<b>618.25</b>
	<b>maps</b>	<b>912.496</b>	<b>Two</b>		
	<b>schools</b>	<b>379.496</b>	<b>book system</b>	<b>lib. econ.</b>	<b>024.611</b>
	<b>statistics</b>	<b>314.96</b>	<b>furrow plow</b>		<b>631.3122</b>
	<b>travel</b>	<b>914.96</b>	<sup>1</sup>	<b>Mountains co. Que. hist.</b>	<b>971.425</b>
	<b>treaties</b>	<b>341.2496</b>		<b>phase elec. machinery</b>	<b>621.313322</b>
<b>Turkeyneck fowls</b>		<b>636.5882</b>		<b>trac. systems</b>	<b>621.331432</b>
<b>Turkish</b>				<b>transmis. "</b>	<b>621.319132</b>
<b>architecture</b>		<b>723.3</b>		<b>wire elec. "</b>	<b>621.319122</b>
<b>baths</b>	<b>architecture</b>	<b>725.73</b>		<b>telephone systems</b>	<b>621.38536</b>
	<b>customs</b>	<b>391.6</b>	<b>Tyler, J: presidency of</b>		<b>973.58</b>
	<b>hygiene</b>	<b>613.46</b>		<b>R. Amer. drama</b>	<b>812.21</b>
<b>harems</b>	<b>customs</b>	<b>392.6</b>	<sup>1</sup> <b>Tyler co. W. Va.</b>	<b>history</b>	<b>975.419</b>
<b>horses</b>		<b>636.11</b>	<b>Tympani, membrana</b>		
<b>language</b>		<b>494</b>	<b>anatomy</b>		<b>611.855</b>
<b>literature</b>		<b>894</b>	<b>ear diseases</b>		<b>617.85</b>
<b>power</b>	<b>Greek history</b>	<b>949.505</b>	<b>physiology</b>		<b>612.855</b>
<b>Turko-Russian war</b>			<b>Tympanum</b>		
	<b>Russian hist.</b>	<b>947.08</b>	<b>anatomy</b>		<b>611.854</b>
<b>Turn halls</b>	<b>architecture</b>	<b>725.85</b>	<b>ear diseases</b>		<b>617.84</b>
<b>Turneraceæ</b>	<b>botany</b>	<b>583.455</b>	<b>physiology</b>		<b>612.854</b>
<b>Turning</b>			<b>Type</b>		
<b>bridges</b>	<b>engineering</b>	<b>624.83</b>	<b>and type setting</b>	<b>printing</b>	<b>655.2</b>
<b>lathes</b>		<b>621.94</b>	<b>for books</b>	<b>publishing</b>	<b>655.53</b>
<b>moldboard plow</b>		<b>631.3124</b>	<b>founders' occupat.</b>	<b>hyg.</b>	<b>613.63</b>
<b>Turnip</b>			<b>founding</b>		<b>655.21</b>
<b>field</b>	<b>crops</b>	<b>633.42</b>	<b>writers</b>	<b>communication</b>	<b>652</b>
<b>garden</b>	<b>"</b>	<b>635.12</b>		<b>lib. admin.</b>	<b>025.153</b>
<b>rooted cabbage</b>		<b>635.126</b>		<b>servis</b>	<b>023.762</b>
	<b>celery</b>	<b>635.128</b>	<b>Types</b>		
	<b>chervil</b>	<b>635.136</b>	<b>alternating current mach.</b>		<b>621.31332</b>
<b>Turnouts</b>	<b>railway engin'g</b>	<b>625.16</b>	<b>boat</b>	<b>naval architecture</b>	<b>623.82</b>
<b>Turnpikes</b>	<b>road engin'g</b>	<b>625.7</b>	<b>boilers</b>	<b>engineering</b>	<b>621.1842</b>

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Types
- direct current machinery 621.31322
  - farm 631.14
  - furnaces steam mach'y 621.1832
  - locomotivs " " 621.132
  - molecules chem. 541.5
  - ship naval architecture 623.82
  - special, education of 371.97
  - steam engines 621.112
    - portable 621.152
    - stationary mechanism 621.164
      - use 621.162
    - traction 621.144
    - turbins 621.1652
  - Typhaceæ botany 584.63
  - Typhoid fever pathology 616.927
    - pub. helth 614.511
  - Typhus fever pathology 616.922
    - pub. helth 614.526
  - Typografers biography 926.5
  - Typografy 655
  - Typology Bible 220.6
  - Tyre ancient history 939.44
  - Tyrian architecture 722.3
  - <sup>1</sup>Tyrol history 943.64
    - travel 914.364
  - <sup>1</sup>Tyrone, Ireland history 941.64
  - Tyrotaxon animal pois. 615.94
  - Tyrtaeus Greek lyr. poetry 884.1
  - Uberti, F. degli Ital. poetry 851.17
  - Udall, N: English drama 822.22
  - <sup>1</sup>Uganda, Africa hist. 967.6
  - Uhland, J; L; Ger. poetry 831.73
  - <sup>1</sup>Ukraine, Russia history 947.7
  - Ulcers surgery 617.24
  - Ulna anatomy 611.7176
  - Ulnar artery " 611.13435
  - Ulrich von Lichtenstein
    - German poetry 831.28
  - <sup>1</sup>Ulster co. Ireland history 941.6
    - <sup>1</sup> N. Y. " 974.734
  - Ultramontanism Cath. ch. 282
    - eccles. pol. 262.13
  - Umbellales botany 583.48
  - Umbelliferæ " 583.481
  - Umbilic
    - artery anatomy 611.13771
    - cord obstetrics 618.38
    - mesenteric artery anat. 611.1364
    - vein " 611.1498
  - Umbrella stands dom.econ. 645.61
    - lib. " 022.922
  - Umbria ancient history 937.4
    - <sup>1</sup> modern " 945.6
  - <sup>2</sup>Umlaut Eng. orthog. 421.2
  - Unciform bone anatomy 611.71778
  - Unconsciousness metaphys. 127
  - Unction, extreme theology 265.7
  - Underground
    - contact elec. traction 621.3325
    - railway slavery 326.973
      - U. S. civ. war 973.7115
      - stations arch. 725.319
    - roads engineering 625.4
      - mining engin'g 622.62
    - water phys. geog. 551.49
    - wiring elec. lines 621.31923
  - Underhill sheep 636.3231
  - Undershot wheels engin'g 621.23
  - Understanding . psychology 153
  - Understudies lib. econ. 023.702
  - Underwear dom. " 646.42
  - Underwriters
    - rules elec. lighting 621.3281
  - Undulation
    - dynamics 531.33
    - sound 534.1
  - Undulatory theory of light 535.1
  - Unfair apportionment 328.3345
  - <sup>1</sup>Ungava, Can. history 971.28
  - Ungulata mammals 599.7
  - Unicameral legislature 328.391
  - Unicorns folklore 398.4

Unification of Italy	945.09	United States of America	
Uniform laws legislation	328.22	boundaries	973
Uniformity		Christian commission	267.11
act of Eng. relig. hist.	274.2	U. S. hist.	973.7781
Uniforms		coast survey	526
domestic	647	colleges	378.73
library	023.95	constitutional law	342.73
military equipment	355.81	daughters 1776-1812 soc.	369.142
esthetics	355.14	education	370.973
Uninsulated conductors, elec.	621.31932	finance	336.73
Union		fine arts	709.73
act Can. history	971.039	geology	557.3
Canadian history	971.04	government admin.	353
<sup>1</sup> co. Ill. history	977.3995	hereditary societies	369.1
<sup>1</sup> Ind. "	977.262	<sup>1</sup> history	973
<sup>1</sup> Ia. "	977.785	laws	345
<sup>1</sup> N. J. "	974.936	<sup>1</sup> literature	810
<sup>1</sup> O. "	977.153	maps	912.73
<sup>1</sup> Pa. "	974.848	national bank U. S. hist.	973.41
prisoners of war ass'n	369.155	patriotic societies	369.1
railroad stations arch.	725.313	religious history	277.3
sovereign states	321.022	sanitary com. charity	361
veterans union	369.154	U. S. hist.	973.7771
zootechny	636.082453	schools, public	379.73
Unionidæ zoology	594.1	ship U. S. war of 1812	973.525
Unionists in South		socialism	335.973
U. S. civil war	973.717	statistics	317.3
Unions		statutes	345
English local gov't	352.0424	travels in	917.3
trade polit. economy	331.88	treaties	341.273
Unique books rarities	094	war of 1812, military soc.	369.143
Unisexuales botany	583.95	society	369.141
Unit of work mechanics	531.41	zoology	591.973
Unitarian church	288	United States of Colombia	
Unitarians biography	922.81	<sup>1</sup> history	986
United		Units electric	537.7
Americans polit. soc.	363	physical	530.8
brethren sects	284.6	Unity	
colonies N. Eng. U. S. hist.	973.23	metaphysics	111
confederate veterans	369.174	of God doctrin	231
Empire loyalists Can. hist.	971.024	human race	572.1
<sup>1</sup> Kingdom history	942	knowledge	121
<sup>1</sup> Netherlands "	949.2	language	401
presbyterian church sects	285.4	nature	501
<sup>1</sup> Provinces history	949.2	territory pol. sci.	320.124
servis, military and naval	355	Univalvs mollusks	594.3
sons of confed. veterans	369.173	Universal	
United States of America		gravitation, law of mech.	531.51
administration	353	history	909
antiquities	913.73	joints mech. eng.	621.825
architecture	720.973	language	408.9
bank political econ.	332.11	military servis	355.22
U. S. history	973.56	suffrage	324.211
botany	581.973	Universala univ. lang.	408.9

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- |                                     |               |                                  |                 |
|-------------------------------------|---------------|----------------------------------|-----------------|
| Universalism sects                  | 289.1         | Upperdown sheep                  | 636.3231        |
| <b>Universalists biography</b>      | <b>922.81</b> | Uprisings                        |                 |
| Universals metaphysics              | 113           | political                        | 323.2           |
| <b>Universe astronomy</b>           | <b>523.1</b>  | 'Upshur co. W. Va. hist.         | 975.462         |
| <b>Universities</b>                 | <b>378</b>    | Uptakes steam engin'g            | 621.18382       |
| architecture                        | 727.3         | Urachus anatomy                  | 611.622         |
| state and national                  | 379.16        | Ural-Altai languages             | 494             |
| University                          |               | literatures                      | 894             |
| clubs, general                      | 378.068       | Uranium chemistry                | 546.791         |
| courts disciplin                    | 378.113       | <b>Uranograpy astronomy</b>      | <b>523</b>      |
| education                           | 378.01        | Uranus planets                   | 523.47          |
| extension                           | 378.13        | Urates physiology                | 612.461267      |
| libraries education                 | 371.647       | Urban                            |                 |
| lib. econ.                          | 027.7         | roads engineering                | 625.712         |
| of the State of New York            | 379.747       | Urchins, sea                     |                 |
| people's, library as the            | 021.2         | fishery                          | 639.6           |
| <b>Universology cosmology</b>       | <b>113</b>    | zoology                          | 593.95          |
| Unofficial                          |               | Urea                             |                 |
| ballot pol. sci.                    | 324.351       | <b>glandular system physiol.</b> | <b>612.4612</b> |
| legislativ lists                    | 328.339       | physiology of liver              | 612.3531        |
| Unregenerate doct. theol.           | 233.2         | nutrition                        | 612.398193      |
| <b>Unstratified ores econ.geol.</b> | <b>553.15</b> | Ureameters physiology            | 612.46121       |
| Upholstering                        |               | Uredineæ botany                  | 589.225         |
| mechanic trades                     | 684           | Uremia physiology                | 612.466231      |
| Upholstery dom. econ.               | 645.4         | Ureters anatomy                  | 611.617         |
| Upland Leicester sheep              | 636.3213      | physiology                       | 612.4671        |
| sheep, German                       | 636.333       | Urethra anatomy                  | 611.623         |
| Upper                               |               | female "                         | 611.674         |
| <sup>1</sup> Austria history        | 943.62        | male "                           | 611.623         |
| travels                             | 914.362       | diseases of                      | 616.64          |
| <sup>1</sup> Bavaria history        | 943.36        | Urfé, Honoré d' Fr. fiction      | 843.41          |
| travels                             | 914.336       | Uric acid                        |                 |
| <sup>1</sup> Canada history         | 971.3         | physiology of kidneys            | 612.46125       |
| travels                             | 917.13        | nutrition                        | 612.398193      |
| chamber legis. bodies               | 328.31        | Urin                             |                 |
| <sup>1</sup> Egypt history          | 962.3         | chemic analysis                  | 543.9           |
| travels                             | 916.23        | physiology                       | 612.46          |
| extremities anatomy                 | 611.97        | study of disease                 | 616.076         |
| bones "                             | 611.717       | Urinals                          |                 |
| deep veins "                        | 611.14541     | air pollution                    | 614.764         |
| joints "                            | 611.727       | public sanitation                | 628.45          |
| lymf glands "                       | 611.467       | Urinary                          |                 |
| lymfatics "                         | 611.4217      | organs anatomy                   | 611.6           |
| muscles "                           | 611.737       | diseases                         | 616.63          |
| superfic. veins "                   | 611.14546     | secretion physiol. zool.         | 591.149         |
| <sup>1</sup> Franconia history      | 943.31        | <sup>4</sup> Uriya language      | 491.45          |
| travels                             | 914.331       | Urobilin physiology              | 612.46127       |
| <sup>1</sup> Guinea history         | 966.5         | Urochrome "                      | 612.46127       |
| travels                             | 916.65        | Urodela batrachia                | 597.9           |
| house legislativ bodies             | 328.31        | Urogenital sinus anat.           | 611.629         |
| <sup>1</sup> Palatinate history     | 943.34        | Ursulines sisterhoods            | 271.974         |
| travels                             | 914.334       | Urticaceæ botany                 | 583.962         |
| Silurian group geology              | 551.732       | Urticaria diseases               | 616.51          |
| Syria ancient history               | 939.41        | <sup>1</sup> Uruguay history     | 989             |

Usages, social etiquet	395	Vacancies	
Use of		legislativ bodies	328.3357
library, free lib. econ.	024.28	Vacation	
<sup>3</sup> words Eng. philology	428.3	closing lib. economy	024.44
Useful arts	600	loans " "	024.612
biografy of	926	schools	374.8
Usefulness of		terms universities	378.14
animals econ. zoology	591.61	Vacations	
plants econ. botany	581.61	hygiene	613.76
Ushers library servis	023.78	laboring classes	331.816
Ustilagineæ botany	589.227	library economy	024.44
Usury banking	332.8	staff	023.66
law	347.7	school education	371.23
Utah, U. S.		teachers "	371.167
acquisition Mex. war	973.621	Vaccinal syphilis cont. dis.	614.4733
admission U. S. hist.	973.87	Vaccination cont. diseases	614.473
<sup>1</sup> history	979.2	Vacciniaceæ botany	583.61
mil. hist. U. S. civ. war	973.7492	Vaccinization contag. dis.	614.4735
Spanish war	973.89492	Vacuum	
Utensils		cleaners dom. economy	648.52
kitchen	643.35	mech. engin'g	621.55
special for cooking	641.58	lamps elec. lighting	621.3273
Uterin artery anatomy	611.13773	machines refrigeration	621.575
circulation physiol.	612.6271	pump chem. apparatus	542.77
ligaments anat.	611.667	regulators " "	542.77
Uterins therapeutics	615.766	Vaga sheep	636.3317
Utero-ovarian nervs anat.	611.8393	Vagabonds pauperism	339
Uterus		Vagina	
anatomy	611.66	admin. of med. by	615.66
diseases of women	618.14	anatomy	611.671
inversion in labor	618.57	diseases of women	618.15
masculus anatomy	611.6231	Vaginal artery anatomy	611.13773
physiology	612.627	nervs "	611.839
<sup>1</sup> Utica, N. Y. history	974.763	Vagrancy pauperism	339
Utilitarianism ethics	171.5	Vagus	
Utilities, public	380	nerv anatomy	611.83191
Utility of filosofy	101	hart	612.1781
<sup>2</sup> special subjects see subject		larynx	612.7822
Utilization		physiology	612.81991
of animals zootechny	636.088	respiration	612.287
Utopias polit. science	321.07	stomach	612.3272
Utrecht, Peace of Eur.hist.	940.22	nuclei anatomy	611.8187
Utricle anatomy	611.8525	nucleus and respiration	612.282
physiology	612.8582	Valais sheep, Swiss	636.338
Uveal tract anatomy	611.842	goat "	636.5936
physiology	612.842	Valbergiae forage crops	633.377
Uvula anatomy	611.315	Valdés, J. M. Span. poetry	861.46
		<sup>1</sup> Valencia history	946.7
		travels	914.67
		Valencies chemistry	541.39
		Valerian therapeutics	615.789
		Valerianæ botany	583.531
		Vallenberg, J. Swed. fiction	839.7342
		Valley Forge Amer.revol.	973.3341

- Valleys phys. geograpy 551.43  
 Valois, house of Fr. history 944.025  
 Valsalva, sinuses o anat. 611.1265  
 Valuation  
   farm economics 631.112  
   tax assessment 336.29  
 Value  
   commercial, of food zoot. 636.0854  
   economic, of fertilizers 631.815  
   nutritiv, of food zoot. 636.0852  
   of moneys, comparativ 332.45  
   old books lib. econ. 025.223  
   political economy 330.1  
   standards of money 332.42  
   thermodynamic, of  
     albuminose physiol. 612.398172  
     albumins " 612.3985  
     carbohydrates " 612.3965  
     fats " 612.3975  
     food " 612.3925  
     peptones " 612.398172  
 Values  
   average probabilities 519.6  
   educational curriculum 375  
   food dom. economy 641.1  
 Valv  
   bugle musical instru. 788.47  
   gearing mech. eng. 621.84  
   motions " " 621.84  
 Valvs  
   blowout steam engin'g 621.18479  
   hydraulics 532.55  
   of hart anatomy 611.1263  
   physiology 612.1713  
   safety steam engin'g 621.18473  
   sewer appurtenances 628.257  
   steam locomotiv 621.1342  
   pipe 621.1854  
   turbin design 621.16535  
 Valvulae conniventes anat. 611.3414  
 Valylene organ. chem. 547.24  
 Vampire folklore 398.4  
   zoology 599.4  
<sup>1</sup>Van history 956.6  
 Vanadates mineralogy 549.72  
 Vanadium group chem. 546.85  
 Vanbrugh Eng. drama 822.47  
 Van Buren, M. presidency 973.57  
<sup>1</sup>Van Buren co. Ia. hist. 977.798  
<sup>1</sup> Mich. " 977.413  
<sup>1</sup>Vancouver iland " 971.1  
 Vandals " 943.01  
<sup>1</sup>Vanderburg co. Ind. " 977.233  
<sup>1</sup>Van Dieman's Land " 994.6  
<sup>1</sup>Van Wert co. O. hist. 977.141  
 Vanes steam turbin design 621.16532  
   theory 621.16512  
 Vanilla field crops 633.821  
 Vapor  
   baths therapeutics 615.853  
   engins, binary mech.eng. 621.44  
   exhalation physiology 612.25  
   lamps elec. lighting 621.327  
 Vaporization  
   heat 536.44  
   practical chemistry 542.48  
 Vapors  
   inhalation of hygiene 613.62  
   meteorology 551.57  
   properties of 533.1  
<sup>1</sup>Var, France history 944.93  
 Varangian kingdom hist. 947.02  
 Varchi, B. Ital. essays 854.38  
 Variable  
   stars astronomy 523.84  
   temperature hygiene 613.64  
 Variables  
   complex algebra 512.82  
   calculus 517.8  
 Variation  
   evolution 575.2  
   in animals phys. zool. 501.15  
   zootechny 636.08211  
   negativ physiol. of cells 612.0144239  
   nervs 612.8132  
   of compass 522.76  
   elements of orbit 521.34  
 Variations  
   calculus of 517.4  
   of animal heat physiol. 612.55  
   longitude and latitude 521.28  
   right ascen. and declin. 521.27  
   piano music 786.48  
 Varicosities, nerv histology 611.01883  
 Varieties of cheese 637.35  
 Variety  
   in feeding zootechny 636.08445  
   vs monotony lib. work 023.701  
 Variolation contag. dis. 614.472  
 Varioloid diseases 616.912  
 Varnishes chem. technol. 667.7  
 Varnishing painting 698.3  
 Varnishmaking air pollu. 614.736  
 Varying speed motors 621.313248  
 Vas aberrans anatomy 611.1354  
   deferens " 611.634  
 Vasa aberrantia " 611.633  
   brevia artery " 611.13642

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Vasa efferentia	anat.	611.6311	Vegetable		
recta	"	611.6311	<b>food</b>	<b>physiol.</b>	612.3927
Vascular system	anatomy	611.1	forms	decora. in relief	729.51
diseases		616.1	painted decor.		729.41
physiology		612.1	<b>gardening</b>		635
Vases	domestic economy	645.5	irritants	poisons	615.93
pottery		738	manures	agric.	631.87
Vasoconstrictors	physiol.	612.183	markets	dom. econ.	641.4
Vasodilators	"	612.184	marrow		635.623
Vasomotors			materials	engin'g	620.197
cerebral	physiology	612.8243	milks		637.181
influence on temperature		612.531	nitrogen	fertilizers	631.847
physiology		612.18	oils	chem. tech.	665.3
Vasquez de Coronado			oyster		635.16
discovery of America		973.16	parasites	diseases	616.969
Vassal states	pol. sci.	321.028	physiology		581.1
Vassalage		321.3	poisons	toxicology	615.9
Vassar college		376.8	sponge		635.627
Vastus muscles	anatomy	611.73822	substances, analysis of		543.8
Vater, process of	"	611.367	trades	air pollution	614.73
Vatican council, 1870		262.13	world	botany	580
Vaticination	prediction	133.3	Vegetables		
Vats	voltaic cells	621.3521	and animals	physiol.	612.0135
Vattemare	exchange syst.	021.852	cand, inspec. of, pub. helth		614.318
<sup>1</sup> Vaucluse, France	history	944.92	<b>field crops</b>		633.4
Vaudois	Christian sects	284.4	fresh, inspec. of	pub. helth	614.316
persecution		272.3	<b>garden crops</b>		635
<sup>1</sup> Vaudreuil co. Que.	hist.	971.426	preservation	chem. tech.	664.8
Vaulting	athletics	613.72	Vegetarianism	hygiene	613.26
Vaults			physiol.		612.39271
air pollution		614.764	Vegetation	botany	580
architectural construc.		721.43	Vehicles		
design		729.34	carbuilding		699
carvd arch. decoration		729.58	carriage making		684
disinfection	contag. dis.	614.48	farm transport		631.373
painted arch. decor.		729.48	motor		629.2
receiving architect.		726.8	Vehmgericht	criminal law	343.43
suffocation in	prot. of life	614.82	Vein, fluid	hydraulics	532.52
Vector, equation of radius		521.38	Veins	admin. of med. by	615.65
Vedas	Sanskrit literature	891.2	air in	physiol.	612.1341
Vedel, A. S.	Dan. misc.	839.883	anatomy		611.14
Vega, G. de la	Span. poet.	861.31	diseases		616.14
Carpio, L. F. de		862.31	geology		551.88
Vegetable			mineral	econ. geol.	553.19
<b>anatomy</b>	comparativ	581.4	pressure in	physiol.	612.144
descriptiv		581.7	Veldeke, H. van	Dut. poet.	839.3112
<b>chemistry</b>		547	Veldlakers	cattle	636.2354
diet	hygiene	613.26	Vellum books	rarities	096
drugs	mat. med.	615.32-3	Velocipedes		629.2
<b>dye plants</b>	agric.	633.86	Velocity		
farms		631.142	in sewers	sanit. eng.	628.219
fats	chem. tech.	665.3	of light	optics	535.2
food	dom. econ.	641.3	liquids	hydraulics	532.57
hygiene		613.26			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Velocity</b>		
of sound	acoustics	534.2
tide wave	tides	525.65
turbins	engineering	621.16522
<b>Velum</b>		
interpositum	anat.	611.8192
medullare,	posterior	611.81711
superior		611.8163
<b>Velvet bean</b>	forage crops	633.363
<b>Vena cava, inferior</b>	anat.	611.146
superior	"	611.145
<sup>1</sup> Venango co. Pa.	history	974.896
<sup>1</sup> Vendée, France	"	944.61
war in Fr.	"	944.042
<b>Vendors</b>	law	347.7
<b>Veneer</b>	manufacture	674
<b>Veneer grafting</b>		631.54135
<b>Veneering</b>	arch. decor.	729.6
cabinet work		684
<b>Venereal diseases</b>		616.95
<b>Venery, excessiv, effects of</b>		616.984
<b>Venesection</b>	therapeutics	615.811
<b>Venetia</b>	ancient history	937.3
<sup>1</sup>	modern "	945.3
<b>Venezuela</b>		
boundary	U. S. history	973.87
<sup>1</sup>	history	987
travel		918.7
<sup>1</sup> Venice	history	945.3
travels		914.53
<b>Venom poisoning</b>	physiol.	612.3145
<b>Venoms</b>	comp. physiol.	612.314
<b>Venous</b>		
blood	physiology	612.114
circulation	"	612.134
duct of Arantius		611.1497
pulse	physiology	612.1342
thrombosis,	puerperal	618.77
<b>Vent</b>	ordnance	623.4242
<b>Ventilating</b>	science	536.84
<b>Ventilation</b>		
bilding		697.9
library	economy	022.89
mining	engineering	622.4
of house	dom. econ.	644.5
kitchen	" "	643.32
school	bildings	371.628
pulmonary	physiol.	612.2162
sanitary	engineering	628.8
sewers	"	628.23
shipbilding		623.85
<b>Ventilators</b>	sewer appurte.	628.256
<b>Ventricle</b>		
of brain,	3d anatomy	611.8148
4th	"	611.8185
5th	"	611.8139
<b>Ventricles</b>		
of brain,	lateral anat.	611.8138
hart	"	611.124
larynx	"	611.224
<b>Ventricular coronary vein</b>		611.1493
<b>Ventriloquism</b>	amusem'ts	791
physiol.		612.7895
<sup>1</sup> Ventura co. Cal.	hist.	979.492
<b>Venus</b>	planets	523.42
transits	astron.	523.92
<b>Vera Cruz, Mexico</b>		
battle	Mex. history	972.05
U. S.	"	973.6237
<sup>1</sup>	history	972.6
<b>Veranda</b>	furniture	645.8
<b>Veratrum group</b>	therapeu.	615.716
<b>Verbal</b>		
<sup>3</sup>	forms Eng. etymol.	422.8
<sup>3</sup>	syntax	425.8
<sup>3</sup>	inflection morphol.	425.18
<b>Verbatim</b>	reporting	653.046
<b>Verbenaceæ</b>	botany	583.88
<sup>1</sup> Verchères co. Que.	history	971.436
<b>Verga, Giovanni</b>	Ital. fic.	853.84
<b>Verification</b>		
of legislativ	powers	328.36
<b>Vermes</b>	articulates	595.1
<b>Vermiform appendix</b>	anat.	611.3452
physiol.		612.363
surgery		617.55
<b>Vermifuges</b>	therapeutics	615.733
<sup>1</sup> Vermilion co. Ill.	history	977.365
<sup>1</sup>	Ind. "	977.246
<b>Vermont, U. S.</b>		
admission	U. S. history	973.41
<sup>1</sup>	history	974.3
For military history, see subdivisions of Special campaigns and Military history under 973.3, 973.52, 973.7 and 973.89		
<sup>1</sup> Vernon co. Mo.	history	977.844
<sup>1</sup>	Wis. "	977.573
<sup>1</sup> Verona, Italy		945.3
travels		914.53
<b>Verplanck, G. C.</b>	Am. sat.	817.25
<b>Verrazano</b>	discov. of Am.	973.18
<b>Versailles</b>	description	914.436
<sup>1</sup>	history	944.36
<sup>3</sup> Verse, science of		416
textbooks for writ'g		426.8
<sup>3</sup> Versification	Eng. prosody	426.2

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Version	obstetric opera.	618.82	Veto		
Vertebrae	anatomy	611.711	overriding legis. proced.	328.375	
Vertebral			pocket	" "	328.375
artery	anatomy	611.1349	power of president U. S.		353.03
articulations	"	611.721	Veticost	salad plants	635.57
colum	"	611.711	Viaducts	bridges	624
Vertebrates	paleontology	566	Viaticum	sacrament	265.7
	zoology	596	Viau, T. de	French satire	847.41
Vertical			Vibratil cilia	physiol.	612.72
impulse wheels		621.233	Vibration		
marine engins		621.1224	acoustics		534.5
prime astronomy		522.47	dynamics		531.32
steam engins		621.11244	Viburnum	uterins	615.766
Vertigo			Vice		
diseases		616.841	<b>administration</b>		<b>351.76</b>
physiology		612.8863	crime		343
Verumontanum	anat.	611.6231	education		379.21
Vesical			Vicente, Gil	Span. drama	862.22
apparatus, innervation		612.4673	Vices	ethics	170
artery, inferior anat.		611.13772	Vicieae	forage crops	633.378
superior		611.13771	Vicksburg		
nerves	"	611.839	naval hist. U.S.civ.war		973.753
Vesicants	therapeutics	615.774	siege	"	973.7344
Vesicles, seminal	anat.	611.636	Vicq-d'Azyr, bundle of		611.8142
Vesicular affections of skin		616.52	Victor Emmanuel 2	Ital. hist.	945.08
Vespers			3	"	945.09
Anglican ritual		264.034	Victoria, Queen	Eng. "	942.081
music		783.2	Scot. "	"	941.08
Vespucci	discov. of Amer.	793.16	<sup>1</sup> Victoria, Australia	"	994.5
Vessel, J. H.	Dan. poetry	839.8153	1	co. N. B.	" 971.553
Vessels	shipblding	623.8	1	N. S.	" 971.693
Vestibular			1	Ont.	" 971.364
ganglion	anatomy	611.89185	Victorian Gothic	architec.	724.4
nerv	anatomy	611.83185	Victrola	mech. instrum'ts	789.8
nucleus	"	611.8178	Vienna		
Vestments	ecclesiology	247.7	congress of Europ. hist.		940.27
Vesuvius	volcanoes	551.21	interna. law		341.1
Vetches	forage crops	633.35	<sup>1</sup> history		943.61
Veteran relief union, woman's		369.162	travels		914.361
Veterans	societies		<sup>1</sup> Vienne, France	history	944.63
association, confederate		369.172	Vieussen's valv	anat.	611.8163
<b>Great war</b>		<b>369.186</b>	Vignettes	engravings	760
national ass'n of naval		369.157	Vigny, A. V.	Fr. drama	842.75
of Mexican war		369.146	poetry		841.76
regular army and navy		369.112	<sup>1</sup> Vigo co. Ind.	history	977.245
Spanish war		369.181	Vikanera	language	491.43
union, Union		369.154	Vikings	history	948.01
U.S. army, soc. of sons of		369.165	<sup>1</sup> Vilas co. Wis.	history	977.523
Veterinary			Village		
<b>medicin</b>		<b>619</b>	communities		321.2
zootechny		636.089	homes	architecture	728.6
sanitation	pub. health	614.9	newspapers		070.236
Vetiver	perfume plants	633.815	Villains	feudalism	321.3
			social classes		323.34

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Villari, P. Ital. essays 854.84  
 Villas architecture 728.84  
 Villemain, A. F. Fr. essays 844.72  
 Villenage feudalism 321.3  
     social classes 323.34  
 Villi, lacteal anat. 611.4265  
 Villon, François Fr. poetry 841.25  
 Vincennes, Ind. Am. revol. 973.3348  
 Vincent de Paul, sisterhood 271.91  
 Vinci, Leonardo da Ital. lit. 854.25  
 Vinciguerra, A. Ital. satire 857.23  
 Vindelicia anc. history 939.83  
 Vindications  
     **American revolution** 973.38  
     **U. S. civil war** 973.78  
         war of 1812 973.528  
 Vine culture agriculture 634.8  
 Vinegar making  
     air pollution 614.733  
     chemic technology 664.5  
 Vines botany 581.5  
     layering horticulture 631.5347  
 Vinyard plow 631.3127  
 Vinyards 634.8  
<sup>1</sup>Vinton co. O. history 977.1837  
 Viola stringd instruments 787.2  
 Violarieæ botany 583.135  
 Violets horticulture 716.2  
     perfume plants 633.811  
 Violins stringd instrum. 787.1  
 Violoncello " " 787-3  
 Virgil Latin epic poetry 873.1  
<sup>1</sup>Virgin ilands history 972.97  
     travels 917.297  
 Virgin Mary biography 225.92  
     catholic doc. 230.2  
 Virginia, U. S.  
     British in Amer. revol. 973.3374  
<sup>1</sup>history 975.5  
     For military history, see sub-  
     divisions of Special campaigns  
     and Military history under  
     973.3, 973.52, 973.62, 973.7  
     and 973.89  
     secession U. S. history 973.713  
 Virginia strawberry 634.754  
<sup>1</sup>Virginia, West history 975.4  
     travels 917.54  
     For military history, see sub-  
     divisions of Special campaigns  
     and Military history under  
     973.7 and 973.89  
 Virginity relig. asceticism 248  
 Virginius incident U.S.hist. 973.82  
 Virtues 170  
 Viscosity of blood physiol. 612.11814  
 Visibility of stars astron. 523.82  
 Visible speech phonology 414
- Visigoths German history 943.01  
 Vision  
     disorders blind asylums 362.4  
         diseases of eye 617.75  
     mental faculty 152.1  
     optics 535.7  
     organs of anatomy 611.84  
     physiology 612.84  
 Visions and dreams 135  
 Visitation  
     and search internat. law 341.3  
     pastoral 253  
 Visitations Eng. heraldry 929.726  
 Visits, school educ. methods 371.393  
 Visscher, M. T. Dut. poet. 839.3133  
 Visual  
     acuteness physiol. 612.84363  
     angle optics 535.7  
     impressions, persistence 612.8435  
     instruction education 371.335  
     sensibility physiology 612.84363  
 Vital  
     capacity respiration 612.24  
     fenomena biology 577  
     force biology 577.6  
     functions animals 591.1  
         man 612  
     statistics population 312  
         pub. helth 614.1  
 Vitalis Swedish satire 839.7762  
 Vitalism biology 577.6  
     physiol. 612.0134  
 Vitality zoology 591.139  
 Vitellin sac embryology 611.01381  
 Vitreous  
     humor anatomy 611.8447  
     eye diseases 617.74  
     physiology 612.8447  
 Vitrified  
     brick pavements road eng. 625.87  
 Viva voce  
     vote legislativ proced. 328.375  
 Vivipara generation 591.168  
 Vivisection  
     animal anatomy 591.7  
     ethics 179.4  
     laws public helth 614.23  
     physiology 612.077  
 Vocal  
     cords anat. 611.225  
         false anat. 611.223  
     culture elocution 808.5  
         music 784.9  
     hygiene, etc. 784.9

Vocal		
<b>music</b>		<b>784</b>
organs	acoustics	534.7
	comp. physiol.	612.786
	diseases of	616.2
	human anatomy	611.2
	innervation	612.819923
	physiology	612.78
Vocalists' lives	singers	927.8
Vocation, choice of		374.1
Vocational education		371.42
Vochysiaceæ	botany	583.145
Voice		
elocution		808.5
<b>physiology</b>		<b>612.78</b>
<sup>2</sup> signs	Eng. etymol.	422.8
singing		784.9
Volapük	universal lang.	408.91
Volcanic		
ashes	lithology	552.22
rocks	"	552.2
tufa	"	552.22
Volcanoes	physical geol.	551.21
Volition, <i>see</i> Will		
Volslied	vocal music	784.4
Vologda, Russia	history	947.2
Voltage meters	elec. eng.	621.3743
Voltaic		
cells	engineering	621.35
electricity	physics	537.5
Voltaire, F. M. A. de		
French drama		842.56
fiction		843.54
Voltmeters	elec. eng.	621.3743
Volume		
chemic apparatus		542.35
of muscle	physiol.	612.7412
organs	"	612.189
Volumetric		
analysis	chemistry	545.5
geometry		513.3
Voluntary	music	786.87
Volunteers	army	355.22
	soc. of loyal	369.153
	U. S. civ. war	973.7412
Vomer	anatomy	611.7159
Vomiting	diseases	616.33
	physiology	612.3277
Vomitories	physiology	612.3278
	therapeutics	615.731
Vondel, J. van der	Dut. lit.	839.3132
Voodooism		133.4
Voorhees silver act	U.S.hist.	973.87
Vorm, Jacob	Dan. poetry	839.8138
Vortex rings	molec. phys.	539.1
Vos, Jan	Dutch drama	839.3234
<sup>1</sup> Vosges, France	history	944.39
Vosmaer, Jacob	Dutch fic.	839.3352
Voss, J; H;	Ger. poetry	831.65
Vote		
announcements	suffrage	324.261
class	"	324.214
legislativ procedure		328.375
majority	legis. bod.	328.3355
plural	suffrage	324.213
plurality	legis. election	328.3355
result	elections	324.26
<b>Voters qualifications</b>		<b>324.1</b>
Voting		
compulsory	suffrage	324.215
in person	legis. proced.	328.375
machines	pol. sci.	324.258
place	suffrage	324.246
<b>suffrage</b>		<b>324</b>
Vowel production	physiol.	612.7894
<sup>2</sup> Vowels	Eng. language	421.2
Vows	asceticism	248
Voyages		
Antarctic		919.9
Arctic		919.8
round the world		910.4
scientific		508.3
travels		910.4
<sup>2</sup> Vulgarisms	Eng. lang.	428.3
Vulgate	Bible	220.47
Vulva	anatomy	611.673
	diseases of women	618.16
Vulvo-vaginal glands		611.677

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



<sup>1</sup> Wabash co. Ill. history	977.378	Walking	
<sup>1</sup> Ind. "	977.283	plow	631.3121
Wace, Robert Fr. poetry	841.12	school hygiene	371.737
Wadmar, J. A. Swed. sat.	839.7761	Walks landscape gard'ng	713
Wadskjær, K. F. Dan. poet.	839.8146	Wall	
Wage		coverings dom. econ.	645.2
fund polit. econ.	331.212	decoration school bldgs	371.634
living " "	331.214	lamps dom. econ.	644.325
minimum " "	331.215	papers decoration	745
scales " "	331.22	manufacture	676
Wagenaar, Jan Dut. misc.	839.384	paper hanging	698.6
Wager of battle legal antiq.	340.3	inspection pub. helth	614.37
Wagers ethics	175.9	street banking	332.6
Wages		training plant culture	631.5464
attachment of	347.7	<sup>1</sup> Wallachia history	949.8
bases of polit. econ.	331.23	<sup>4</sup> Wallachian language	459
domestic economy	647.7	literature	859
farm economics	631.173	sheep	636.373
for state labor	331.262	Waller, E. Eng. poetry	821.44
in special countries	331.29	Wallikiki fowls	636.5882
trades	331.28	Wallin, J. O. Swed. poet.	839.7162
labor and polit. econ.	331	Walls	
loans on pol. econ.	332.315	architectural construc.	721.2
stock farming	636.08173	design	729.31
work at reduced	331.5	incrusted arch. decora.	729.61
Wagner, Battery, S. C.		mosaic " "	729.72
U. S. civil war	973.7351	painted " "	729.49
Wagnerian music	782.2	schoolroom education	371.634
Wagons		stone agriculture	631.27
farm transport	631.3735	Walnut	634.51
manufacture	684	Walpole, H. Eng. letters	826.61
milk dairy	637.135	Walruses zoology	599.7
Wain, threshing	631.3611	Walther von der Vogelweide	831.27
Waiting room lib. bldgs	022.682	Waltz music	786.46
Waitresses dom. econ.	647.25	Waltzing amusements	793
Wake funeral customs	393.9	ethics	175.3
Wakefulness hygiene	613.86	<sup>1</sup> Walworth co. Wis. hist.	977.589
<sup>1</sup> Waldeck, Germany hist.	943.57	Wandering Jew legends	398.2
Waldenses persecutions	272.3	<sup>1</sup> Wapello co. Ia. history	977.793
sects	284.4	War	
Waldflute wind instrum.	788.5	captures law	341.3
Waldis B. Ger. poetry	831.42	cause of "	341.3
<sup>1</sup> Waldo co. Me. history	974.15	civil U. S. history	973.7
<sup>1</sup> Wales history	942.9	customs of	399
language	491.66	dances	399
travel	914.29	department, U. S.	353.6
Walker's filibuster exped.		ethics	172.4
Nicaragua history	972.85	French and Indian	973.26
U. S. history	973.66	Great 1914-19	940.3
Walking		law of	341.3
animal locomotion	591.47	Mexican U. S. history	973.62
cultivators	631.3162	ministries of architec.	725.12
matches amusements	796	of 1812 Can. hist.	971.034
pedestrianism	613.72	society	369.141

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

War		
of 1812	U. S. history	973.52
roses	Eng. history	942.04
revolutionary	U.S. "	973.3
rockets	mil. engin'g	623.45432
science and art of		355
seven years	Can. hist.	971.018
	U. S. "	973.26
Spanish	succession	
	Eng. history	942.069
	French "	944.033
	U. S. "	973.25
thirty years	Eur. "	940.24
woman in	woman's pos.	396.9
Warblers	birds	598.8
Ward, Artemus	Am. humor	817.37
E:	English humor	827.51
N.	American satire	817.11
Ware, W:	" fict.	813.25
Warehouses	architecture	725.35
bonded	"	725.14
Warm baths	"	725.73
	hygiene	613.42
Warmers, bed		644.19
Warming		
blding		697
pans		644.19
sanitary engineering		628.8
science		536.83
Warmth of soil		631.436
Warner, C: D.	Am. satire	817.41
Warnings	omens	133.3
wether	agriculture	632.112
Warpt surfaces	descr. geom.	515.17
Warrants	law	343
Warren, M.	Am. drama	812.11
<sup>1</sup> Warren, Ill.	history	977.341
<sup>1</sup>	co. Ind.	977.296
<sup>1</sup>	Ia. "	977.782
<sup>1</sup>	Mo. "	977.8386
<sup>1</sup>	N. J. "	974.978
<sup>1</sup>	N. Y. "	974.751
<sup>1</sup>	O. "	977.176
<sup>1</sup>	Pa. "	974.867
<sup>1</sup> Warrick co. Ind.	"	977.232
<sup>1</sup> Warsaw	"	947.5
	travels	914.75
Warships		
shipblding		623.825
Warts	skin diseases	616.54
<sup>1</sup> Warwick, England	hist.	942.48
<sup>1</sup> Washburn co. Wis.	"	977.515
Washers, butter		637.2323
root		631.3626
Washing		
butter		637.2333
housecleaning		648.54
laundry		648.1
machines	dom. econ.	648.23
practical chemistry		542.69
roots	farm operations	631.5626
Washington, George		
presidency of	U.S. hist.	973.41
Washington		
city, D. C.	burning	973.5238
	capital of U.S.	973.44
<sup>1</sup>	history	975.3
	travels	917.53
<sup>1</sup> co. Ill.	history	977.388
<sup>1</sup> Ind.	"	977.222
<sup>1</sup> Ia.	"	977.792
<sup>1</sup> Me.	"	974.14
<sup>1</sup> Md.	"	975.291
<sup>1</sup> Mo.	"	977.864
<sup>1</sup> N. Y.	"	974.749
<sup>1</sup> O.	"	977.198
<sup>1</sup> Pa.	"	974.882
<sup>1</sup> R. I.	"	974.59
<sup>1</sup> Vt.	"	974.34
<sup>1</sup> Wis.	"	977.591
Fort	Am. revol.	973.3324
state		
	admission	U.S. hist. 973.86
<sup>1</sup>	history	979.7
	mil. hist.	Spanish war 973.89497
		U S. civ. war 973.7497
	treaty of	341.273
Washingtonian homes		
architecture		725.65
Washington's		
birthday	in schools	371.365
hedquarters	Am. revol.	973.367
<sup>1</sup> Washtenaw co. Mich.	hist.	977.435
Wasp and		
Frolic	U. S. war 1812	973.5251
Reindeer	" " "	973.5255
Wasps	insects	595.79
	pests	632.79
Waste		
domestic	sanitation	628.44
and repair	biology	577.2
land	pol. econ.	333.7
	reclamation	631.612
	repair of	animal physiol. 591.136
Wastes		
air pollution	pub. helth	614.7
boiler fuels	engin'g	621.18225

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Wastes</b>		
domestic	dom. econ.	648.5
	sanitation	628.44
factory	"	628.54
<b>sewage disposal</b>		<b>628.3</b>
Watch dogs	zootechny	636.0835
Watches	horology	529.78
	manufacture	681
Watchmaking		681
Watchman	lib. economy	023.792
<b>Water</b>		
artificial ponds, etc.		714
<b>as beverage</b>	hygiene	<b>613.31</b>
assimilation	physiol.	612.3923
baths	prac. chemistry	542.46
blast	hyd. mach.	621.269
	physics	532.85
buffalo		636.293
chemic analysis		543.3
closets	air pollution	614.764
	house drainage	628.6
colors		751
cost	farm irrigation	631.75
courses, natural	hygiene	614.772
cress		635.561
cure	therap.	615.853
distribution	farm irriga.	631.74
diuretics	"	615.761
engins	mech. eng.	621.2
exhalation from lungs		612.25
falls	phys. geografy	551.48
feeding	zootechny	636.08431
filters	hygiene	613.35
food value		641.16
force of	engineering	627.1
fowl	zoology	598.3
gages	steam engin'g	621.18472
gas	heating	697.6
geologic action		551.92
glass	chem. tech.	666.1
	fireproofing	614.841
	preservativ	691.1
hot, cookery		641.587
cooking appliances		643.338
<b>hydraulics</b>		<b>532</b>
ices	dom. economy	641.86
in soil		631.432
inorganic chemistry		546.11
lilies	botany	583.118
	horticulture	716.2
marks		676
<b>mesology</b>		<b>612.014461</b>
meteorology		551.57
microscopic anal.	hyg.	613.33
<b>Water</b>		
of crystallization	chem.	541.8
<b>physical geografy</b>		<b>551.4</b>
pipes	high pressure	621.253
	hydraulics	532.54
	sanitary eng.	628.15
pollution from cemeteries		614.651
power	agricultue	631.3713
	electric plants	621.312134
	hydraulic engin'g	627
	mech. eng.	621.2
<b>pressure engins</b>		<b>621.25</b>
products		338.3
quantity in organisms		612.0144613
<b>ram engineering</b>		<b>621.27</b>
	hydraulics	532.83
rights	pol. econ.	333.9
<b>supply</b>	agriculture	<b>631.7</b>
	canal engin'g	626.2
	rural	628.7
	sanitary engin'g	628.1
tables	walls	721.25
tight linings	drainage	622.56
towers	fire extinction	614.846
	waterworks	628.13
travel	protoc. of life	614.864
tube boilers		621.18426
underground	phys. geog.	551.49
vapor, exhalation	physiol.	612.25
ways	administration	351.813
wheels	hydraulics	532.84
	mech. eng.	621.21
<b>works</b>		<b>628.1</b>
	city admin.	352.6
Waterers, locomotiv		621.1363
<sup>1</sup> Waterford, Ireland	hist.	941.91
<b>Watering</b>		
place bildings	arch.	725.75
places	hygiene	613.12
<b>Waterline</b>		
belt armoring		623.9
<b>Waterloo</b>		
battle of	Fr. history	944.05
<b>Waterloo</b>		
<sup>1</sup> city, Ia.	history	977.7371
<sup>1</sup> co. Ont.	"	971.344
Watermelon		635.615
Waterproofing	bilding	691
<b>Waters</b>		
carbonated	hygiene	613.38
mineral	adulterations	614.348
	artificial	663.6
	hygiene	613.38
	therapeutics	615.79

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Watt				Weed hoe	631.3154
hour meters elec. eng.	621.3745			hook	631.3155
meters " "	621.3746			Weeder	631.3154
ship Amer. revol.	973.356			Weeding	631.515
<sup>1</sup> Waukesha co. Wis. hist.	977.593			iron	631.3154
<sup>1</sup> Waupaca co. Wis. "	977.538			Weeds econ. botany	581.6
<sup>1</sup> Wausau, Wis. "	977.529			pests	632.58
<sup>1</sup> Waushara co. Wis. "	977.557			Week, names of days of	529.2
Wave muscle physiol.	612.7413			Weekly half holiday, lib.	023.651
theory optics	535.1			rest labor classes	331.817
sound	534.1			Weems prehistoric arch.	571.82
Waves				Weevils pests	632.76
nerv, theories physiol.	612.8162			<b>Weighing chemistry</b>	<b>542.32</b>
theory of hydraulics	532.59			Weight	
Wax, bees	638.1			chemic apparatus	542.32
flowers	746			of earth	525.11
gourd	635.618			human brain physiol.	612.823
grafting	631.341			tables zootechny	636.08181
Waxhaws, N. C. Am. rev.	973.3361			Weights	
Wayne, A. " "	973.3354			and mesures metrology	389
<sup>1</sup> Wayne co. Ill. history	977.3792			state control	351.821
<sup>1</sup> Ind. "	977.263			atomic theor. chem.	541.2
<sup>1</sup> Ia. "	977.788			Weirs hydraulic engin'g	627.8
<sup>1</sup> Mich. "	977.433			mach.	621.269
<sup>1</sup> Mo. "	977.892			hydraulics	532.53
<sup>1</sup> N. Y. "	974.787			Weise, C. German drama	832.53
<sup>1</sup> O. "	977.161			Weisnegg burners chem.	542.44
<sup>1</sup> Pa. "	974.823			<b>Welding metal manuf.</b>	<b>671</b>
<sup>1</sup> W. Va. "	975.447			<b>Welfare, public admin.</b>	<b>351.8</b>
Wayne's exped. U.S.hist.	973.43			work Great war	940.477
<b>Weak current engineering</b>	<b>621.38</b>			Welhaven, J. S. C. Dan. lit.	839.8465
Wealth, <i>see</i> Welth				Well water hygiene	613.32
Weaning zootechny	636.08412			<sup>1</sup> Welland co. Ont. history	971.338
Weapons, <i>see</i> Wepons				Wellesley college	376.8
<b>Weather meteorology</b>	<b>551.5</b>			<sup>1</sup> Wellington co. Ont. hist.	971.342
Weathering eng. materials	620.1122			Wells	
Weaverbirds zoology	598.8			<sup>1</sup> co. Ind. history	977.272
Weaving elem. education	372.55			dredging thru foundations	721.176
manufactures	677			physical geografy	551.49
<sup>1</sup> Webb city, Mo. history	977.8722			sunken foundations	721.176
Webster				water supply agric.	631.71
and Hayne debate	973.561			engineer'g	628.11
Daniel Am. oratory	815.27			<sup>1</sup> Wellsburg, W. Va. hist.	975.413
John English drama	822.36			Welsh	
Noah Amer. essays	814.22			beef cattle	636.2236
<sup>1</sup> Webster co. Ia. history	977.751			Calvinistic methodists	287.3
<sup>1</sup> Mo. "	977.882			discovery of America	973.14
<sup>1</sup> W. Va. "	975.465			<sup>1</sup> history	942.9
Wedding customs	392.5			<sup>4</sup> language	491.66
Wedge physics	531.86			<sup>5</sup> literature	891.66
bones, carpal anat.	611.71773			mountain sheep	636.3267
tarsal "	611.71878			onion	635.264
Wedgewood ware pottery	738			pony	636.1629
Weed cutters	631.3155			travels	914.29

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Welth		
and rank	soc. ethics	177.5
consumption	final	339
	productiv	331
political economy		330
Welthy class	social classes	323.31
Wenceslaus	Ger. history	943.027
Wennerberg, G.	Swed. sat.	839.7765
Wens	diseases	616.993
Wensleydale	sheep	636.3216
<sup>1</sup> Wentworth co. Ont.	hist.	971.352
Wepons	bronze age	571.35
	customs	399
	military engin'g	623.4
	science	355
	public safety	351.753
	stone age	571.25
	zootechny	636.081112
Werewolvs	folklore	398.4
Wergeland, H.	Dan. poet.	839.8165
Werner, F. L. Z.	Ger. drama	832.67
Wernicke, C.	satire	837.53
Wesleyan methodists	sects	287.1
West		
<sup>1</sup> Australia	history	994.1
<sup>1</sup> Bay City, Mich.	"	977.447
<sup>1</sup> Coast, Africa	"	968.8
	country down sheep	636.3233
	German swine	636.433
<sup>1</sup> Indies	"	972.9
<sup>1</sup> Meath, Ireland	"	941.81
<sup>1</sup> New Jersey	"	974.95
	travels	917.495
<sup>1</sup> Point, N. Y.	history	974.731
	academy	355.07
<sup>1</sup> Prussia	history	943.12
	travels	914.312
<sup>1</sup> Russia	history	947.6
	travels	914.76
	Scotch highland cattle	636.2233
<sup>1</sup> West, U. S. the	history	978
	travel	917.8
	Virginia admission	973.71
<sup>1</sup>	history	975.4
	travels	917.54
	For military history, see subdivisions of Special campaigns and Military history under 973.7 and 973.89	
<sup>1</sup> Westchester co. N. Y.	hist.	974.727
Western		
church	Roman catholic	282
hemisphere	geog.	917
	phys. geog.	551.41
<sup>1</sup> ilands, Azores	hist.	946.99
Western		
<sup>1</sup> Maryland	hist.	975.29
<sup>1</sup> States	mountain	978
<sup>1</sup>	Pacific	979
	territory, cession to U. S.	973.318
Westinghouse	engins	621.1645
Westminster		
	Assembly catechism	238.5
	confession creeds	238.5
<sup>1</sup> Westmoreland co.	Eng. hist.	942.88
<sup>1</sup>	N. B. "	971.523
<sup>1</sup>	Pa. "	974.881
<sup>1</sup> Westphalia, Germany	"	943.56
	peace of relig. hist.	270.7
	30 years war	940.24
Westphalian fowls		636.538
	goat	636.393
	swine	636.434
Wet method		
	qualitativ chem. anal.	544.1
	quantitativ chem. anal.	545.2
Wether	meteorology	551.5
	warnings agriculture	632.112
Wetterberg, K. A.	Swed. fic.	839.7364
<sup>1</sup> Wetzel co. W. Va.	hist.	975.418
<sup>1</sup> Wexford co. Ireland	"	941.88
<sup>1</sup>	Mich. "	977.467
Whale	fisheries	639.2
	zoology	599.5
Whaleback		
	system shipblding	623.84
Whalebone	dom. econ.	646.17
Wharf		
	boats architecture	725.34
	houses "	725.34
Wharvs	engineering	627.3
Wheat		
	adulterations	614.312
	agriculture	633.11
	trade agricul. products	338.1
Wheatstone		
	bridges elec. engin'g	621.3742
	telegraf " "	621.38245
Wheel		
	and axle physics	531.82
	cycling amusements	796
	ethics	175.7
Wheel hoe		631.3161
	vehicles agric.	631.3735
Wheelbarrows	farm trans.	631.3734
<sup>1</sup> Wheeling, W. Va.	history	975.415
Wheelless vehicles	agric.	631.3733
Wheels		
	cog mechan. engin'g	621.83

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Wheels			White		
elec. motor cars	621.3347		turkey	636.5926	
locomotiv running gear	621.135		walnut	634.518	
railroad engineering	625.21		Yokohama fowls	636.5857	
water hydraulics	532.84		Whitehead, P. Eng. satire	827.63	
mech. eng.	621.21		<sup>1</sup> Whiteside co. Ill. history	977.335	
wooden manufactures	674		<sup>1</sup> Whitley co. Ind. " "	977.275	
Whey butter cheesemaking	637.347		Whitman, Walt Am. poetry	811.38	
Whig party U. S. hist.	973.56		Whittier, J: G. " "	811.36	
Whigs, Eng. pol. parties	329.942		Whole milk	637.141	
U. S. " "	329.4		Wholesale stores architect.	725.21	
Whip grafting	631.54133		Whooping cough pathol.	616.204	
Whipping post	343.2		pub. helth	614.543	
Whipple, E. P. Am. essays	814.35		Wich hazel botany	583.394	
Whirlpools ocean currents	551.47		<sup>1</sup> Wicklow, Ireland hist.	941.84	
Whirlwinds meteorology	551.51		sheep	636.3243	
Whisky			<sup>1</sup> Wicomico co. Md. " "	975.225	
chemic technology	663.5		Wieland, C. M. Ger. fict.	833.61	
insurrection Pa. hist.	974.8		<sup>1</sup> Wiesbaden history	943.58	
U.S. " "	973.43		travels	914.358	
ring " "	973.82		Wiesental goat	636.393	
tax finance	336.27		Wife's duties ethics	173.3	
traffic	178.4		Wigglesworth, M. Am. poet.	811.13	
Whist games	795		<sup>1</sup> Wight, Isle of history	942.28	
Whistles locom. fittings	621.1339		travels	914.228	
steam engin'g	621.18472		Wigs customs	391.5	
White, H: K. Eng. poetry	821.68		<sup>1</sup> Wigton, Scotland history	941.49	
White			Wigwams architecture	725.92	
ants insects	595.73		Wild cherry	634.24	
corpuscles physiology	612.112		fowl sport	799	
<sup>1</sup> co. Ill. history	977.396		goose	636.59881	
<sup>1</sup> Ind. " "	977.293		turkey	636.59211	
durra	633.178		white cattle	636.221	
friars Carmelites	271.73		Wilderness, Va. battle		
goose, Chinese	636.59885		U. S. civil war	973.7366	
Emden	636.5983		Wildings childstudy	136.764	
hair dermatology	616.54		<sup>1</sup> Wilkes-Barré, Pa. history	974.833	
Holland turkey	636.5926		<sup>1</sup> Will co. Ill. " "	977.325	
homing pigeons	636.59635		Will		
kafir	633.177		effect on respiration	612.281	
led manufacture	667.6		metaphysics	159	
<sup>1</sup> Mts N. H. history	974.22		of God ethics	171.1	
Muscovy duck	636.59783		physiologic psychology	612.82134	
Peking " "	636.59785		theology	234.9	
Plains, battle Am. revol.	973.3324		Willans engines	621.1645	
sapota	634.343		William		
slave trade, see Prostitution			1 Conqueror, Eng. hist.	942.021	
substance, cerebellar anat.	611.81715		2 Rufus " "	942.022	
of spinal cord	611.824		3 and Mary " "	942.068	
<sup>1</sup> Sulphur Springs, W. Va.	975.489		4 " "	942.075	
swelling diseases	616.72		1 new Ger. empire	943.083	
swine, English, large	636.424		2 " " "	943.084	
medium	636.427		of Holland Ger. hist.	943.025	
small	636.422		<sup>1</sup> Williams co. O. " "	977.111	

William's, King, war			Wine	adulterations	614.342
U. S. history	973.25		at table temper.	178.3	
Williams shorthand	653.44		domestic economy	641.13	
<sup>1</sup> Williamson co. Ill. hist.	977.3993		manufacture	663.2	
Willis			temperance	178	
circle of anatomy	611.1349		Wineberry	634.715	
ofthalmic nerv "	611.83152		Wing frames lib. fittings	022.932	
Willow fiber crops	633.588		Wingd shells zoology	594.4	
Wills genealogy	929.3		Wings		
law	347.6		aeronautics	629.181	
<sup>1</sup> Wilmington, Del. history	975.12		animal locomotion	591.47	
Wilmot proviso			Winkle fishery	639.4	
causes U. S. civil war	973.7113		<sup>1</sup> Winnebago co. Ill. hist.	977.331	
slavery	326.973		Ia. "	977.722	
U. S. history	973.61		Wis. "	977.564	
Wilson, W. presidency	973.913		Winnibago fowls	636.5816	
Wilson tariff act U.S.hist.	973.87		<sup>1</sup> Winneshiek co. Ia. hist.	977.732	
Wilson's raid U.S.civ.war	973.7387		Winnowers	631.3622	
<sup>1</sup> Wilts, England history	942.31		Winnowing	631.5622	
Wiltshire sheep	636.3232		Winter, W: Amer. poetry	811.44	
Winches mech. engin'g	621.864		Winter cress	635.564	
Winchester, Va. battle			courses agric.	630.7135	
U. S. civ. war	973.7377		muskmelon	635.611	
Wind			pruning	631.5421	
agriculture	632.16		resorts hygiene	613.12	
and current charts	551.46		savory	635.71	
currents aeronautics	629.143		sports	796	
instruments music	788		squash	635.622	
mills air engines	621.45		Wintergreen	633.823	
drainage	631.65		Winther, C. Dan. fiction	839.8363	
farm power	631.3714		Wire, bare elec. eng.	621.31932	
pressure bridgeblding	624.175		lath masonry	693.66	
protection of animals	636.08366		manufacture	671	
Windage steam turbins	621.16515		rope transmission	621.854	
<sup>1</sup> Windham co. Ct. history	974.64		strength	620.11288	
Vt. "	974.39		worms pests	632.76	
Windlasses mech. engin'g	621.864		Wireless		
Window			communication engin'g	621.384	
dressing	659.1		telefony communication	654.6	
furnishings dom. econ.	645.3		engineering	621.3845	
gardens	716.4		telegrafy communication	654.1	
tax pol. econ.	336.27		engineering	621.3842	
Windows			Wires		
arch. construction	721.8		plant support	631.3451	
design	729.38		telegraf communicat'n	654.4	
dormer arch. construc.	721.55		engineering	621.31932	
library bildings	022.71		Wirewound guns ordn.	623.42164	
staind glass arch. decor.	729.8		Wiring		
Windrowers	631.3532		central station engin'g	621.317	
Winds meteorology	551.51		electric transmission	621.319	
<sup>1</sup> Windsor city, Ont. hist.	971.332		house elec. lighting	621.3282	
co. Vt. "	974.36		Wirsung's canal anat.	611.373	
Windsor swine	636.4221		Wirt, W: Amer. oratory	815.23	
<sup>1</sup> Windward ilands history	972.98		<sup>1</sup> Wirt co. W. Va. history	975.426	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Wisconsin, U. S.			
admission U. S. hist.	973.61		
<sup>1</sup> history	977.5		
For military history, see subdivisions of Special campaigns and Military history under 973.7 and 973.89			
Wisdom Apocrypha	229.3		
divine doc. theol.	231.6		
Wiselius, S. I. Dut. dram.	839.3251		
<sup>5</sup> Wit English humor	827		
Witch hazel botany	583.394		
Witchcraft	133.4		
in New England	973.25		
Witches persecutions	272.8		
Withdrawal book lib. econ.	025.249		
Wither, G: Eng. satire	827.41		
Witnesses evidence	347.94		
Wives' duties family eth.	173.3		
Wolcott, J: Eng. satire	827.65		
<sup>1</sup> Wolfe co. Que. history	971.457		
Wolff Ger. philosophy	193.9		
Wolffian body anatomy	611.619		
Wolfram inorgan. chem.	546.78		
v. Eschenbach Ger. poet.	831.24		
Wolff, E. B. Dutch fiction	839.3341		
Woman			
customs	396		
education	376		
position and treatment	396		
suffrage	324.3		
polit. parties	329.83		
woman's position	396.3		
Woman's			
exchange sociology	396.56		
relief corps	369.161		
rights woman's position	396.2		
veteran relief union	369.162		
Womb anatomy	611.66		
Women			
as librarians	023.56		
library trustees	023.34		
teachers	371.18		
costume of	391.2		
diseases of	618		
duties of family ethics	173		
social "	177		
labor of polit. econ.	331.4		
lives of collections	920.7		
Women's			
Christian associations	267.432		
clothes	646.34		
domestic economy clubs	640.714		
hats	646.54		
religious societies	267.4		
rights	396.2		
Women's			
room lib. buildings	022.57		
work in church	259		
Wood			
alcohol chem. tech.	661		
and glass structures arch.	721.99		
iron " "	721.95		
ashes agriculture	631.831		
beams bridge engin'g	624.222		
building material	691.1		
buildings, library	022.21		
bridges, archt engin'g	624.62		
carving	736		
city houses, detach	728.39		
party-walls	728.33		
semidetacht	728.36		
construction carpentry	694.1		
construction shipbuilding	623.84		
<sup>1</sup> co. O. history	977.116		
<sup>1</sup> W. Va. "	975.422		
<sup>1</sup> Wis. "	977.552		
engraving	761		
foundations architect.	721.132		
fuel dom. econ.	644.21		
implements manufac.	674		
prehis. arch.	571.51		
pavements road eng.	625.83		
piles foundations	721.142		
ships shipbuilding	623.84		
tests engineering	620.12		
village houses architect.	728.66		
partly "	728.65		
work, joints carpentry	694.2		
working manufactures	674		
mills architect.	725.44		
shop mfg plant	621.72		
<sup>1</sup> Woodbury co. Ia. history	977.741		
Woodbury types	773		
Wooden			
ceilings arch. construc.	721.71		
doors " "	721.81		
floors " "	721.61		
lath masonry	693.65		
piers and columns arch.	721.31		
carpentry	694.4		
roofs arch. construction	721.51		
walls " "	721.21		
<sup>1</sup> Woodford co. Ill. history	977.353		
Woodland farm economics	631.144		
Woodpeckers birds	598.7		
Woods			
economic botany	581.61		
forestry	634.9		
perfume	633.814		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Wool  
 domestic economy 646.13  
 duties on 337.5  
 dyeing chem. technol. 667.2  
 linings, mineral masonry 693.67  
 manufactures 677  
 mineral eng. materials 620.195  
 operativs hygiene 613.63  
 sheep English 636.32  
     merinos 636.36  
 zootechny 636.0884
- Woolen clothing hygiene 613.481  
 mills architecture 725.41
- Worcester  
<sup>1</sup> co. England history 942.47  
<sup>1</sup> Md. " 975.221  
<sup>1</sup> Mass. " 974.43
- Word method elem. educ. 372.4
- Words  
<sup>3</sup> arrangement of Eng. phil. 425.3  
<sup>3</sup> etymology English 422  
 slang " 427.09  
<sup>3</sup> use and abuse " 428.3  
<sup>3</sup> vulgarisms " 428.3
- Wordsworth, W: Eng. poet 821.71
- Work  
 at reduced wages 331.5  
 cure therapeutics 615.85  
 done wage bases 331.231  
 duration pol. econ. 331.81  
 feeding for zootechny 636.08453  
 houses asylums 362.5  
 maximum thermochem. 541.36  
 mechanics 531.4  
 muscular, relations to heat 612.7455  
 parish, societies for 256  
 physiology of 612.7661  
 ration for physiol. 612.3951  
 special classes lib. econ. 021.28  
 Sunday 263.5
- Workers, butter dairy 637.2324
- Working  
 classes pol. econ. 331.8  
 of butter 637.2334  
     farm, systems 631.115  
     soil 631.51  
 stresses bridges 624.176
- Workingmen's clubs arch. 725.93
- Workmen  
 accident compensation 331.25  
 cottages for architect. 728.68  
 insurance compulsory 331.25  
 law 368
- Workmen  
 libraries for lib. econ. 027.6  
                     pol. econ. 331.85  
 tenements for architect. 728.1
- Workshop receipts tech. 660
- Workshops disinfection  
 in contagious diseases 614.48
- World, atlases of 912  
 city internationalism 321.041  
 state pol. sci. 321.04  
 voyages round 910.4  
 war 1914-19 940.3
- World's fairs 606
- Worlds, plurality of 523.13
- Worm, Ole Dan. misc. 839.883
- Worm gears mech. engin'g 621.8333
- Wormian bones anat. 611.7141
- Worms diseases 616.962  
 paleontology 565.1  
 zoology 595.1
- wire pests 632.76
- Worries in library servis 023.57
- Worship  
 family 249  
 of animals idolatry 290  
 public 264  
 state control 351.857
- Worsted's manufacture 677
- <sup>1</sup>Worth co. Ia. history 977.723  
<sup>1</sup> Mo. " 977.814
- Woulfe bottles chem. 542.231
- Wounded, hospitals for 362.1  
 architect. 725.51
- Wounds  
 reparation of surgery 617.14  
 zoology 591.179
- Wrecking and life-saving 656
- Wrens birds 598.8
- Wrestling 796
- <sup>1</sup>Wright co. Ia. history 977.7274  
<sup>1</sup> Mo. " 977.8825
- Wringers laundry mach. 648.3
- Wrisberg's  
 nerv anatomy 611.8339  
 pars intermedia anat. 611.83175
- Wrist " 611.975  
 bones " 611.7177  
 joint " 611.7274
- Writing  
 books 372.51  
 elementary education 372.51  
 for the press lit. meth. 029.6  
 inks chemic technology 667.4  
 machine 652

- |  |             |  |
|--|-------------|--|
| <b>Writing</b>                               |             |  |
| <b>materials</b>                             | 652         |  |
| of history                                   | 907         |  |
| <b>shorthand</b>                             | <b>653</b>  |  |
| telegraf elec. eng.                          | 621.3826    |  |
| <b>Writs law</b>                             | 347.93      |  |
| <b>Written examinations</b>                  | 371.27      |  |
| <b>Wrongs law of torts</b>                   | 347.5       |  |
| <b>Wrought iron bldgs arch.</b>              | 721.92      |  |
| <b>Wuch language</b>                         | 491.41      |  |
| <sup>1</sup> <b>Wurtemberg, Ger. history</b> | 943.47      |  |
| <b>Wurtemberg swine</b>                      | 636.431     |  |
| <sup>1</sup> <b>Wyandot co. O. hist.</b>     | 977.126     |  |
| <b>Wyandotte fowls</b>                       | 636.583     |  |
| <b>Wyatt, T: Eng. poetry</b>                 | 821.27      |  |
| <b>Wycherly, W: drama</b>                    | 822.44      |  |
| <b>Wyoming</b>                               |             |  |
| <sup>1</sup> co. N. Y. history               | 974.793     |  |
| <sup>1</sup> Pa. "                           | 974.835     |  |
| <sup>1</sup> W. Va. "                        | 975.445     |  |
| state admission U.S.hist.                    | 973.86      |  |
| <sup>1</sup> history                         | 978.7       |  |
| mil. hist. civ. war.                         | 973.7487    |  |
| Span. ^                                      | 973.89487   |  |
| valley massacre                              |             |  |
| Amer. revol.                                 | 973.3344    |  |
| Penn. hist.                                  | 974.8       |  |
| <b>X rays diagnosis pathol.</b>              | 616.077     |  |
| electricity                                  | 537.53      |  |
| mesology                                     | 612.0144811 |  |
| radioactivity                                | 539.7       |  |
| <b>Xenocrates anc. philos.</b>               | 184.3       |  |
| <b>Xenon inorganic chem.</b>                 | 546.295     |  |
| <b>Xenophanes Gk philos.</b>                 | 182.3       |  |
| <b>Xenophon Gk literature</b>                | 888.3       |  |
| <b>Ximenes Catalan misc.</b>                 | 849.9814    |  |
| <b>Xylophone musical instrum.</b>            | 789.6       |  |
| <b>Xylografy</b>                             | 761         |  |
| <b>Xyrideæ botany</b>                        | 584.36      |  |
| <b>Y connections elec. eng.</b>              | 621.3191333 |  |
| ligament anatomy                             | 611.7282    |  |
| <b>Yacht clubs architecture</b>              | 725.87      |  |
| <b>Yachting</b>                              | 797         |  |
| suits dom. econ.                             | 646.47      |  |
| <b>Yachts</b>                                |             |  |
| engin driven shipblding                      | 623.824     |  |
| sailing "                                    | 623.8225    |  |
| <b>Yak domestic animals</b>                  | 636.2971    |  |
| <b>Yale college</b>                          | 378.746     |  |
| <b>Yam</b>                                   | 635.23      |  |
| <sup>1</sup> <b>Yamaska co. Que. hist.</b>   | 971.454     |  |
| <b>Yañez Ruy Span. poetry</b>                | 861.15      |  |
| <b>Yaraw palm</b>                            | 633.584     |  |
| <b>Yard engines steam eng.</b>               | 621.13263   |  |
| <b>Yards, railway engin'g</b>                | 625.18      |  |
| stock architecture                           | 725.27      |  |
| <sup>1</sup> <b>Yarmouth co. N. S. hist.</b> | 971.631     |  |
| <b>Yarns manufacture</b>                     | 677         |  |
| <sup>1</sup> <b>Yates co. N. Y. history</b>  | 974.782     |  |
| <b>Year books statistics</b>                 | 310         |  |
| see subject                                  |             |  |
| college                                      | 378.14      |  |
| solar chronology                             | 529.2       |  |
| <b>Yeast adulterations</b>                   | 614.315     |  |
| botany                                       | 589.91      |  |
| chemic technology                            | 664.6       |  |
| domestic economy                             | 641.6       |  |
| <b>Yellow</b>                                |             |  |
| fever diseases                               | 616.928     |  |
| protectiv inocula.                           | 614.476     |  |
| public helth                                 | 614.541     |  |
| journalism                                   | 070.16      |  |
| journals lib. censorship                     | 024.58      |  |
| exclusion                                    | 025.217     |  |
| milo cereals                                 | 633.178     |  |
| vegetable dye plants                         | 633.861     |  |
| <b>Yellowstone Park descrip.</b>             | 917.87      |  |
| <sup>1</sup> history                         | 978.7       |  |
| <sup>1</sup> <b>Yemen, Arabia "</b>          | 953.3       |  |
| <b>Yiddish dialects</b>                      | 492.4       |  |
| literature                                   | 892.4       |  |
| <b>Yield stock farming</b>                   | 636.0814    |  |
| <b>Y. M. C. A.</b>                           |             |  |
| <b>buildings</b>                             | 267.32      |  |
| architecture                                 | 726.9       |  |
| <b>committees, special</b>                   | 267.35      |  |
| standing                                     | 267.334     |  |
| conferences                                  | 267.349     |  |
| departments                                  | 267.35      |  |
| extension                                    | 267.31      |  |
| field and limits                             | 267.31      |  |
| general secretary                            | 267.341     |  |

- Y. M. C. A.  
 Great war 1914-19 940.4773  
 history 267.39  
 institutes 267.348  
 librarian 267.342  
 local work by dep'ts 267.35  
 managers 267.333  
 membership 267.335  
 objects 267.31  
 officers, salaried 267.34  
     training 267.345  
     unsalaried 267.333  
 organization 267.33  
 periodicals 267.39  
 physical director 267.343  
 reports 267.39  
 training officers 267.345  
 work with special classes 267.36  
 Yokohama fowls 636.5857  
<sup>1</sup>Yolo co. Cal. history 979.451  
<sup>1</sup>Yonne, France " 944.41  
<sup>1</sup>York co. Me. " 974.19  
<sup>1</sup>    N. B. " 971.551  
<sup>1</sup>    Ont. " 971.354  
<sup>1</sup>    Pa. " 974.841  
     house of Eng. hist. 942.04  
<sup>1</sup>Yorkshire, England " 942.74  
 Yorkshire coach horse 636.1422  
     swine, large 636.4241  
     medium 636.4271  
     small 636.4222  
 Yorktown, Va.  
     siege Amer. revol. 973.3375  
     U. S. civil war 973.7327  
 Yosemite, Cal. descrip. 917.9447  
<sup>1</sup>    history 979.447  
 Young, E: Eng. poetry 821.55  
 Young  
     animals, propo'r'n zoot. 636.08236  
     care " 636.08337  
     feeding " 636.0841  
     childstudy 136.7  
     counsels to ethics 173.6  
     education of elem. educ. 372  
     men, advice to  
         business ethics 174  
     Men's Christian'ass'n 267.3  
     men's Christian unions 267.233  
         Hebrew ass'n Gt. war 940.4776  
     people's religious societies 267.6  
         societies sociology 369.4  
         soc. of Chr. endeavor 267.613  
     reading of 028.5
- Young  
 women, advice to  
     social ethics 177  
     Women's Christian ass'n 267.5  
<sup>1</sup>Youngstown, O. history 977.1391  
 Yriarte, T. de Span. poetry 861.45  
 Ytterbium inorg. chem. 546.652  
 Yttrium " " 546.61  
<sup>1</sup>Yuba co. Cal. history 979.435  
 Yucatan, Mex. architec. 722.9  
<sup>1</sup>    history 972.6  
     travels 917.26  
<sup>1</sup>Yukon, Can. history 971.21  
 Y. W. C. A. Great war 940.4774  
     religion 267.5

<sup>1</sup> Zacatecas, Mex. history	972.4	Zincografy	767
Zambezi travels	916.79	Zincs steam engineering	621.18479
Zanella, G. Ital. poetry	851.82	Zinn's zone anat.	611.8442
<sup>1</sup> Zanesville, O. history	977.1911	Zirconium inorg. chem.	546.83
Zanotti, F. M. Ital. essays	854.58	Zit kwa	635.618
<sup>1</sup> Zanzibar, Africa history	967.8	Zither music	787.8
Zapupe fibers	633.5776	<b>Zoantharia radiates</b>	<b>593.63</b>
Zaraibi goat	636.39862	Zodiac astronomy	523.29
Zapel sheep	636.3333	Zodiacal light "	523.59
<sup>1</sup> Zealand, province of hist.	949.2	<b>Zones agriculture</b>	<b>631.091</b>
Zealand sheep agric.	636.3314	Zoologic gardens	590.7
Zebra "	636.184	architec.	727.5
Zebroid "	636.185	<b>Zoology</b>	<b>590</b>
Zebrul "	636.185	agricultural	630.29
Zebu "	636.291	<b>Zoophytes</b>	<b>593</b>
Zechariah Bible	224.98	Zoosporeæ botany	589.67
Zend		<b>Zootechny</b>	<b>636.08</b>
<sup>5</sup> Avest Persian litera.	891.52	Zorilla y Moral, José	861.53
religion	295	Zoroaster Parseeism	295
<sup>4</sup> language	491.52	Zouaves military science	356.16
Zenith telescope astron.	522.43	Zoysicæ forage crops	633.281
Zenithal projections geod.	526.84	Zschokke, J; H; D. Ger.fic.	833.71
Zeno, Apostolo Ital. dram.	852.55	<sup>1</sup> Zululand history	968.3
early Greek filosofers	182.3	Zumbini, B. Ital. essays	854.87
stoic filosofer	188.1	Zuñis indians	970.3
Zephaniah Bible	224.96	Zunu sheep	636.386
Zesen, P. von Ger. poetry	831.56	<sup>1</sup> Zurich history	949.4
Zigzags mil. engin'g	623.24	travels	914.94
Zinc		Zwinglian Protestant sects	284.2
inorganic chemistry	546.47	Zygæna fishes	597.3
led accumulators eng.	621.35557	Zygomatoc bone	611.7163
metallurgy	669.5	muscle	611.7326
ores economic geology	553.45	Zygomycetes fungi	589.28
oxid of therapeutics	615.776	Zygophylleæ botany	583.221
roofs bilding	695.4	<b>Zygosporæe algae</b>	<b>589.6</b>
		lichens	589.27
		Zyphoid bone	611.713

# INDEX TABLES

## Table 1—Geographic Divisions

The following subjects may all be divided geographically by adding the geographic numbers: i. e. 4 Europe; 5 Asia; 6 Africa; 7 North America; 8 South America; 9 Oceanica. These can be farther subdivided as minutely as wished, like the history, 910-999, which see for full table; e. g. 42, England; 73, United States; 944, New South Wales; 7471, New York City, etc.

The geographic numbers are formed by omitting initial 9 from the historical numbers given in tables 930-999, and these figures are simply affixed to the number given in the table below; e. g. Atlases are numbered in the table below 912; in the historical tables France is numbered 944; omitting initial 9 and affixing the remaining figures, 44, to 912 gives 912.44, Atlases of France; New South Wales is 994.4; omit initial 9 and affix 944 to 912 and the result is 912.944, Atlases of New South Wales. In the table below, Mints are 332.49; in the historical tables England is 942; adding these together (omitting the 9) gives 332.4942, Mints in England. Colleges are 378; N. Y. state, 974.7; add these together (omitting the 9) and the result is 378.747, Colleges in N. Y. state.

A number of unimportant topics, e. g. minor religious sects, which may be divided geographically, are omitted from this table.

373.	Academies, private	923.3	Capitalists' lives
379.	"    public	922.2	Cardinals'    "
354.	Administration (except U. S.)	282.	Catholic church
923.5	"    biography	922.2	"    "    biography
923.5	Admirals' lives	284.8	"    Old, church
630.9	Agriculture, history of	361.9	Charitable associations
283.	American P.E. church	136.79	Childhood
922.3	"    "    "    biography	283.	Church, Episcopal
911.	Ancient geography	922.3	"    "    biography
283.	Anglican church	27	"    history
922.3	"    "    biography	027.3	Circulating libraries
591.9	Animals, geographic distribution	027.4	City libraries, public
328.	Annals, legislative	923.5	Civil service biography
913.	Antiquities, archeology	027.2	Club libraries
922.3	Archbishops' lives, Anglican	367.9	Clubs, social
922.2	"    "    Roman catholic	332.49	Coinage, history of
720.9	Architecture, history of	027.7	College libraries
923.5	Army biography	378.	Colleges
709.	Art, history of	325.	Colonies
362.9	Asylums	923.8	Commerce, biography of
027.2	Atheneum libraries	285.8	Congregational church
912.	Atlases	922.5	"    "    biography
013.9	Authors, foreign	342.	Constitutional law
923.3	Bankers' lives	922.4	Continental Protestants' lives
286.1-4	Baptist sects	641.59	Cookery
	<i>see</i> Classification tables	655.6	Copyright
922.6	Baptist lives	940.34-9	Countries in Great war
013.9	Bibliography of foreign authors	343.	Criminal law
016.9	"    of history	923.4	Criminals' lives
015.	"    special countries	614.12	Deaths and death-rates
022.33	Buildings, library	91	Description, geographic
920.0	Biography of countries, collective; also religious biography 922.2 to 922.8, and biography of sociology 923.1 to 923.8	91	Directories
922.3	Bishops' lives. Anglican and P. E.	591.9	Distribution of animals, geog.
922.2	"    "    Roman catholic	549.9	"    "    minerals    "
655.4	Bookselling, history of	581.9	"    "    plants    "
581.9	Botany, geographic	572.9	"    "    races    "
284.2	Calvinist church	284.1	Dutch reformed church (except America)
922.4	"    lives	285.7	Dutch reformed church (in Amer- ica)
		922.4	Dutch reformed church biography
		27	Ecclesiastical history

- |         |                                      |         |   |
|---------|--------------------------------------|---------|---|
| 330.9   | Economics, history                   | 922.4   | Huguenots biography                               |
| 378.    | Education, college                   | 613.09  | Hygiene   |
| 372.9   | "    elementary                      | 325.    | Immigration                                       |
| 370.9   | "    history of                      | 338.9   | Industrial legislation                            |
| 373.    | "    intermediate (private)          | 607.    | Institutes of technology                          |
| 376.9   | "    of women                        | 370.72  | "    teachers                                     |
| 373.    | "    private academies               | 368.9   | Insurance   |
| 379.    | "    public school                   | 373.    | Intermediate education                            |
| 923.7   | Educators' lives                     | 923.4   | Judges' lives                                     |
| 372.9   | Elementary education                 | 372.209 | Kindergarten history                              |
| 325.2   | Emigrants                            | 923.1   | Kings' lives                                      |
| 923.1   | Emperors' lives                      | 331.819 | Laboring classes                                  |
| 027.4   | Endowd libraries                     | 333.09  | Landholding                                       |
| 373.    | "    schools                         | 323.1   | Languages, internal relations                     |
| 628.09  | Engineering, sanitary                | 923.4   | Law biography                                     |
| 283.    | Episcopal church                     | 342.    | "    constitutional                               |
| 922.3   | "    "    biography                  | 343.    | "    criminal                                     |
| 287.6   | "    Methodist, church               | 349.    | "    foren  |
| 922.7   | "    "    "    biog.                 | 323.6   | Laws, citizenship                                 |
| 572.9   | Ethnology                            | 379.14  | "    school                                       |
| 027.1   | Family libraries                     | 338.9   | Legislation, industrial                           |
| 376.9   | Female education                     | 021.89  | "    library                                      |
| 336.    | Finance                              | 328.    | Legislativ bodies and annals                      |
| 923.3   | Financiers' lives                    | 923.2   | Legislators' lives                                |
| 349.    | Foren law                            | 027.0   | Libraries, general, histories, re-<br>ports, etc. |
| 327.    | "    relations                       | 352.0   | Local government                                  |
| 354.    | "    states, administration          | 284.1   | Lutheran church                                   |
| 560.9   | Fossils, geografic distribution      | 922.4   | "    "    "    biography                          |
| 027.9   | Free news rooms                      | 371.429 | Manual training                                   |
| 027.4   | "    public libraries                | 912.    | Maps  |
| 289.6   | Friends or quakers                   | 940.475 | Medical dpt, Great war                            |
| 922.8   | "    "    "    biography             | 370.71  | Meetings, teachers                                |
| 027.0   | General libraries, hist. repts. etc. | 940.465 | Memorials of Great war                            |
| 581.9   | Geografic botany                     | 923.8   | Merchants' lives                                  |
| 591.9   | "    dist. of animals                | 287.6   | Methodist episcopal                               |
| 560.9   | "    "    "    fossils               | 922.7   | "    biography                                    |
| 549.9   | "    "    "    minerals              | 553.70  | Mineral waters                                    |
| 572.9   | "    "    "    races                 | 549.9   | Minerals, geografic distribution                  |
| 91      | Geografy, description                | 332.49  | Mints, history                                    |
| 911.    | "    historical                      | 780.9   | Music, history of                                 |
| 912.    | "    maps                            | 015.    | National bibliography                             |
| 355-47  | "    military                        | 920.0   | "    biography                                    |
| 55      | Geology                              | 323.1   | Nationalities                                     |
| 724.3   | Gothic revival, architecture         | 923.5   | Naval biography                                   |
| 724.4   | "    Victorian    "                  | 724.6   | Néo-Grec architecture                             |
| 354.    | Government admin. (except U. S.)     | 027.9   | News rooms, free                                  |
| 027.5   | "    libraries                       | 923.2   | Nobles' lives                                     |
| 352.0   | "    local                           | 560.9   | Paleontology                                      |
| 923.2   | Governors lives                      | 027.8   | Parish libraries                                  |
| 724.2   | Grecian revival, architecture        | 328.    | Parliamentary bodies                              |
| 614.09  | Helth, public                        | 329.9   | Parties, political (except U. S.)                 |
| 911.    | Historical geografy                  | 923.6   | Philanthropists' lives                            |
| 016.9   | History, bibliography of             | 912.    | Plans of cities, etc.                             |
| 362.9   | Hospitals                            | 581.9   | Plants, geografic distribution                    |
| 940.476 | "    Great war                       | 363.9   | Political associations                            |
| 284.5   | Huguenots                            |         |   |

- 923.3 Political economy, biography  
 330.9 " " history  
 329.9 " parties (except U. S.)  
 923.2 " science, biography  
 320.9 " " history of  
 923.2 Politicians' lives  
 312. Population, statistics of  
 373. Preparatory schools  
 285.1 Presbyterian church in America  
 285.2 " " " Gt Britain  
 922.5 " " " biography  
 923.1 Presidents' lives  
 655.1 Printing, history of  
 365.9 Prisons  
 027.1 Private libraries  
 373. " schools  
 027.2 Proprietary libraries  
 283. Protestant episcopal church  
 922.3 " " " biog.  
 922.4 Protestants, continental, lives  
 614.09 Public health  
 027.4 Public libraries  
 379. " school system  
 015. Publishers' lists  
 655.4 Publishing, history of  
 289.6 Quakers  
 922.8 " lives  
 724.5 Queen Anne architecture  
 923.1 Queens' lives  
 323.1 Races, internal relations  
 572.9 " of men  
 923.8 Railroad officials' lives  
 027.4 Rate supported libraries  
 027.9 Reading rooms, free  
 364.9 Reformatory institutions  
 284.1 Reformd church  
 285.7 " (Dutch) church in Amer.  
 922.4 " " " biography  
 327. Relations, foren  
 27 Religious history  
 724.1 Renaissance architecture  
 282. Roman catholic church  
 922.2 " " " biography  
 724.8 Romanesque revival, architecture  
 923.1 Rulers, chief, lives  
 628.09 Sanitary engineering, history, etc.  
 284.7 Scandinavian church  
 922.4 " " " biography  
 027.8 School libraries  
 923.7 " officers' biography  
 370.73 Schools, normal  
 374.4 " correspondence  
 373. " private  
 379. " public, system  
 508. Scientific travels  
 366.9 Secret societies  
 373. Seminaries, private  
 923.5 Servis, civil, biography  
 286.3 Seventh day baptist  
 922.6 " " " biography  
 289.8 Shakers  
 922.8 " biography  
 653.09 Shorthand, history  
 326.9 Slavery, "  
 367.9 Social clubs  
 335.9 Socialist communities  
 267.2 Societies, religious, of men  
 366.9 " ecret  
 027.2 Society libraries  
 923.5 Soldiers' lives  
 379. State education  
 027.5 " libraries  
 923.2 Statesmen's lives  
 31 Statistics  
 312. " of population  
 027.3 Subscription libraries  
 324. Suffrage  
 027.8 Sunday school libraries  
 289.4 Swedenborgians  
 922.8 " " biography  
 284.7 Swedish church  
 922.4 " " " biography  
 724.7 Swiss architecture  
 923.7 Teachers' lives  
 607. Technical schools  
 207. Theologic schools  
 724.7 Timber architecture  
 027.4 Town libraries, public  
 91 Travel, description  
 508. " scientific  
 341.2 Treaties, texts and history  
 724.4 Tudor architecture  
 288. Unitarian church  
 922.8 " " biography  
 289.1 Universalist church  
 922.8 " " " biography  
 378. Universities, history, reports, etc.  
 027.7 University libraries  
 724.4 Victorian Gothic architecture  
 371.429 Vocational training  
 324. Voting  
 331.29 Wages  
 922.4 Waldenses biography  
 553.70 Waters, mineral  
 940.4779 Welfare work, Gt war, by country  
 940.4778 " " " " in "  
 376.9 Woman's education  
 267.432 Women's Christian associations  
 267.39 Y. M. C. A.  
 267.59 Y. W. C. A.  
 591.9 Zoology, geografic

Table 2—Form Divisions

The form distinctions 01, Philosophy; 02, Compendis; 03, Dictionaries; 04, Essays; 05, Periodicals; 06, Societies; 07, Study and Teaching; 08, Polygraphy, Collectiv works; 09, History, can be used wherever needed if these numbers are not already employed with other significations. They have been printed in the full tables only where they seemd specially needed.

The following is an alfabetic list of these divisions, and the figures prefix should be added to the number of the subject to be subdivided; e. g. Disputations on Chemistry in general 540.4; Dictionaries of Mining 622.03.

06	Academies	02	Manuals
06	Acts of societies	08	Maxims
04	Addresses	01	Methods
06	Associations	08	Miscellanys
02	Charts	07	Museums
08	Collected works	02	Outlines
08	Collections	04	Papers
02	Compendis	05	Periodicals
03	Concordances	01	Philosofy
03	Cyclopedias	08	Polygrafy
03	Dictionaries	06	Reports of societies
02	Digests	05	Reviews
04	Discourses	07	Schools
04	Disputations	07	Seminaries
07	Education	06	Societies
03	Encyclopedias	07	Study
04	Essays	02	Systems
06	Exhibitions	07	Teaching
08	Extracts	01	Theories
09	History	04	Tracts
04	Lectures	07	Training schools
04	Letters	06	Transactions
03	Lexicons	08	Treatises
08	Libraries, collections, series	01	Utility
05	Magazines		

Table 3—Languages

The table below includes all languages mentiond in the classification, except those in 494—499, not yet subdivided.

Any language in this table may be subdivided like 420, English.

Any philologic topic in the index may be transferd to another language by replacing the initial figures of the language, as found in this table, by those of the second language also found here; e. g., Syntax, English language, in the index is 425.2. In this table, English is 42 and French is 44; replacing the 42 by 44 gives 445.2 French syntax. Hebrew is 492.4, and Hebrew syntax is 492.452.

A third way to subdivide the language is to prefix the language figures as given in this table to the philologic numbers given in Table 4.

All three methods give the same result.

491.58	Afghani	491.69	Basque
492.8	Amharic	491.44	Bengali
429.	Anglo Saxon	491.86	Bohemian
492.7	Arabic	491.68	Breton, Bas
492.1	Aramaic	491.81	Bulgarian
491.54	Armenian	492.6	Ca thaginian
491.68	Armorican	449.9	Catalan
492.19	Assyrian	492.2	Chaldee
491.52	Avestan, Zend	491.81	Church Slavonic
492.19	Babylonian	493.2	Coptic
491.52	Bactrian, Old	491.67	Cornish
491.68	Bas Breton	491.83	Croatian



- 492.19 Cuneiform  
 491.65 Cymric group  
 491.66 " or Welsh  
 439.8 Danish  
 439.4 Deutsch, Platt  
 439.3 Dutch  
 493.1 Egyptian, Old  
 42 English  
 427.01 " Old  
 491.61 Erse, Gadhelic group  
 491.63 " Gaelic  
 492.8 Ethiopic  
 477.5 Etruscan  
 493.6 Faroese  
 439.3 Flemish  
 44 French  
 447.01 " Old  
 439.2 Frisian  
 491.61 Gadhelic group  
 491.63 Gaelic or Scotch  
 43 German  
 437.02 " Middle High  
 437.01 " Old High  
 439.9 Gothic  
 48 Greek  
 489. " Modern  
 491.47 Gujerati  
 492.4 Hebrew  
 492.9 Himyaritic  
 491.43 Hindi  
 491.1 Hindu languages  
 491.43 Hindustani  
 491.53 Huzwaresch  
 439.6 Icelandic  
 491.1 Indic group  
 491.62 Irish  
 45 Italian  
 492.4 Jewish  
 491.83 Kroatian  
 491.57 Kurdish  
 47 Latin  
 479. " Medieval  
 491.93 Lettish  
 491.92 Lithuanian  
 491.93 Livonian  
 439.3 Low Dutch  
 479. " Latin  
 491.64 Manx  
 491.46 Marathi  
 479. Medieval Latin  
 437.02 Middle High German  
 489. Modern Greek  
 491.55 " Persian  
 491.87 Moravian  
 492.19 Nineveh cuneiform  
 439.6 Norse, Old  
 439.8 Norwegian  
 491.52 Old Bactrian  
 493.1 " Egyptian  
 427.01 " English  
 447.01 " French  
 437.01 " High German  
 439.6 " Norse  
 491.51 " Persian  
 491.91 " Prussian  
 439.2 " Saxon  
 491.45 Orissa  
 491.56 Ossetic  
 491.3 Pali  
 491.42 Panjabi  
 491.53 Pehlevi  
 491.55 Persian, Modern  
 491.51 " Old  
 492.3 Peshito  
 492.6 Phenician  
 439.4 Platt Deutsch  
 491.89 Polabian  
 491.85 Polish  
 469. Portuguese  
 491.2 Prakrit  
 449. Provençal  
 491.91 Prussian, Old  
 491.58 Pushtu  
 459.9 Rhaeto-Romansch  
 489. Romaic  
 459. Rumanian  
 459.9 Rumansh  
 491.7 Russian  
 491.79 Ruthenian  
 492.5 Samaritan  
 491.2 Sanskrit  
 429. Saxon, Anglo-  
 439.2 " Old  
 439.5 Scandinavian languages  
 491.63 Scotch or Gaelic  
 491.82 Serbian  
 491.41 Sindi  
 491.48 Singhalese  
 491.81 Slavonic, Church  
 491.87 Slovakian  
 491.84 Slovenian  
 491.88 Sorbian  
 46 Spanish  
 439.7 Swedish  
 492.3 Syriac  
 491.45 Uriya  
 459. Wallachian  
 491.66 Welsh  
 491.52 Zend

Table 4.—Philological Divisions.

All the languages in Table 3 can be divided like 420, English, by adding the figures below: e. g.:

English orthography	421
Provençal "	449.1
Arabic "	492.71
Gaelic "	491.631
Syntax of English verbs	425.8
" Modern Greek verbs	489.58
" Danish "	439.858
" Armenian "	491.5458
Inflection of English nouns	425.15
" Anglo-Saxon nouns	429.515
" Hebrew "	492.4515
" Welsh "	491.66515

18	Abbreviations.	2	Derivation of words.
12	Ablaut.	7	Dialects.
16	Accent, pronunciation.	3	Dictionaries.
61	" prosody.	25	Diminutives, derivation.
51	Accidence.	12	Diphthongs.
25	Accusative, etymology.	17	Diplomatics.
55	" syntax.	701	Early forms of language.
26	Adjectival forms, derivation.	86	Elementary readers.
516	Adjectives, inflection.	53	Ellipsis.
56	" syntax.	52	Enallage.
29	Adverbs, derivation.	83	Errors of speech.
59	" syntax.	2	Etymology, derivation.
22	Affixes, derivation.	51	" inflection.
11	Alphabet.	89	Examination papers.
21	Analogy.	63	Feet, prosody.
53	Analysis, grammar.	64	Figures of prosody.
67	Antistrophe, prosody.	82	First lessons.
28	Aorist, etymology.	63	Foot, prosody.
58	" syntax.	24	Foreign elements.
7	Archaisms.	25	Gender, etymology.
709	Argot.	25	Genitive case, etymology.
53	Arrangement of words and clauses.	55	" " syntax.
56	Articles, syntax.	7	Glossaries, dialects.
12	Aspirates.	3	" language.
28	Augment, etymology.	83	Grammatical errors.
83	Barbarisms.	65	Hexameters.
83	Blunders.	64	Hiatus.
25	Case endings, derivation.	54	Hypothetical sentences.
55	Cases, syntax.	31	Idioms.
87	Chrestomathies.	88	Individual authors, texts
53	Clauses, arrangement of.	28	Infinitive mood, etymology
516	Comparison, inflection.	58	" " syntax.
26	Comparison, signs of, derivation.	51	Inflection.
54	Conditional sentences.	516	" of adjectives.
518	Conjugation.	515	" of nouns.
29	Conjunctions, etymology.	517	" of pronouns.
59	" syntax.	518	" of verbs.
28	Conjunctive mood, etymology	17	Inscriptions.
58	" " syntax.	29	Interjections, etymology
13	Consonants.	59	" syntax.
12	Crisis.	29	Interrogatives, etymology
25	Dative case, etymology	59	" syntax.
55	" " syntax.	21	Laws of language.
515	Declension of nouns.	1	Letters, alphabet.

- |     |                                  |     |                                |
|-----|----------------------------------|-----|--------------------------------|
| 3   | Lexicography.                    | 86  | Readers, elementary.           |
| 3   | Lexicons.                        | 87  | "    selections.               |
| 17  | Manuscripts.                     | 23  | Reduplication, derivation      |
| 65  | Meters, prosody.                 | 27  | Relative pronouns, "           |
| 28  | Moods, signs of, derivation.     | 57  | "    "    syntax.              |
| 58  | "    syntax.                     | 66  | Rhymes, prosody.               |
| 52  | Morphology.                      | 66  | Rhyming dictionary.            |
| 25  | Noun forms, derivation.          | 8   | School books and texts.        |
| 515 | Nouns, inflection.               | 87  | Selections, readers.           |
| 55  | "    syntax.                     | 54  | Sentences of particular form   |
| 25  | Number, signs of, derivation.    | 709 | Slang.                         |
| 701 | Old forms of language.           | 81  | Spelling books.                |
| 21  | Origin of language.              | 14  | "    reform.                   |
| 15  | Orthoëpy.                        | 67  | Strophe, prosody.              |
| 1   | Orthography.                     | 22  | Suffixes, derivation.          |
| 17  | Palæography.                     | 4   | Synonyms.                      |
| 52  | Parsing.                         | 52  | Syntax.                        |
| 29  | Particles, derivation.           | 28  | Tense signs, derivation.       |
| 59  | "    syntax.                     | 58  | "    syntax.                   |
| 27  | Personal pronouns, derivation.   | 8   | Text books.                    |
| 14  | Phonetic spelling.               | 68  | "    "    for writing verse    |
| 82  | Phrase book.                     | 88  | Texts of individual authors    |
| 27  | Possessive pronouns, derivation. | 12  | Umlaut.                        |
| 57  | "    "    syntax.                | 83  | Use of words.                  |
| 22  | Prefixes, derivation.            | 28  | Verbal forms, derivation.      |
| 29  | Prepositions "                   | 518 | Verbs, inflection.             |
| 59  | "    syntax.                     | 58  | "    syntax.                   |
| 27  | Pronominal forms, derivation.    | 68  | Verse, text books for writing. |
| 517 | Pronouns, inflection.            | 62  | Versification.                 |
| 57  | "    syntax.                     | 28  | Voice signs, derivation.       |
| 15  | Pronunciation.                   | 12  | Vowels.                        |
| 82  | Prose composition.               | 83  | Vulgarisms.                    |
| 6   | Prosody.                         | 53  | Words, arrangement of.         |
| 7   | Provincialisms.                  | 2   | "    etymology.                |
| 19  | Punctuation.                     | 83  | "    use of.                   |
| 61  | Quantity, prosody.               |     |                                |

Table 5. — Literatures.

The form divisions of English literature: 1, Poetry; 2, Drama; 3, Fiction; 4, Essays; 5, Oratory; 6, Letters; 7, Satire and Humor; 8, Miscellany; may be used to sub-divide any of the languages in the following tables; and any division of English literature in the index referring to this table may be used in sub-dividing another literature, by replacing the initial figures 8s (denoting English) by the figures of the sd language as given in this table.

Thus Ballads, English literature in the index are 821.04 and in this table Spanish is 86, therefore 861.04 is Spanish ballads; 891.7 is Russian and 891.7104 is Russian ballads.

While this minute division is possible, it is not expedient in all cases: e. g. Icelandic literature will contain little except in one or two of these divisions and a special arrangement similar to 829 Anglo-Saxon is much more convenient.

891.58	Afghani.	891.43	Hindi.
892.8	Amharic.	891.1	Hindu languages.
892.7	Arabic.	891.43	Hindustani.
892.1	Aramaic.	891.53	Huzwarsesh.
891.54	Armenian.	839.6	Icelandic.
891.68	Armorican.	891.1	Indic Group.
892.19	Assyrian.	891.62	Irish.
891.52	Avestan, Zend.	85	Italian.
892.19	Babylonian.	892.4	Jewish.
891.52	Bactrian, Old.	891.83	Kroatian.
891.68	Bas Breton.	891.57	Kurdish.
891.69	Basque.	879.	Latin, Medieval.
891.44	Bengali.	891.93	Lettish.
891.86	Bohemian.	891.92	Lithuanian.
891.68	Breton, Bas.	891.93	Livonian.
891.81	Bulgarian.	839.3	Low Dutch.
892.6	Carthaginian.	879	“ Latin.
849.9	Catalan.	891.64	Manx.
892.2	Chaldee.	891.46	Marathi.
891.81	Church Slavonic.	879.	Medieval Latin.
893.2	Coptic.	889.	Modern Greek.
891.67	Cornish.	891.55	“ Persian.
891.83	Croatian.	891.87	Moravian.
892.19	Cuneiform.	892.19	Nineveh Cuneiform.
891.65	Cymric Group.	839.6	Norse, Old.
891.66	“ or Welsh.	839.8	Norwegian.
839.8	Danish.	891.52	Old Bactrian.
839.4	Deutsch, Platt.	893.1	“ Egyptian.
839.3	Dutch.	839.6	“ Norse.
893.1	Egyptian, Old.	891.51	“ Persian.
82	English.	891.91	“ Prussian.
891.61	Erse, Gadhelic group.	839.2	“ Saxon.
891.63	“ Gaelic.	891.45	Orissa.
892.8	Ethiopic.	891.56	Ossetic.
839.6	Faroese.	891.3	Pali.
839.3	Flemish.	891.42	Panjabi.
84	French.	891.53	Pehlevi.
839.2	Frisian.	891.55	Persian, Modern.
891.61	Gadhelic Group.	891.51	“ Old.
891.63	Gaelic or Scotch.	892.3	Peshito.
83	German.	892.6	Phenician.
839.9	Gothic.	839.4	Platt Deutsch
889.	Greek, Modern.	891.89	Polabian.
891.47	Gujerati.	891.85	Polish.
892.4	Hebrew.	869.	Portuguese.
892.9	Himyaritic.	891.2	Prakrit.

849.	Provençal.	891.82	Servian.
891.91	Prussian, Old.	891.41	Sindhi.
891.58	Pushtu.	891.48	Singhalese.
859.9	Rhaeto-Romansch.	891.81	Slavonic, Church.
889.	Romaic.	891.87	Slovakian.
859.	Roumanian.	891.84	Slovenian.
859.9	Rumansh.	891.88	Sorbian.
891.7	Russian.	86	Spanish.
891.79	Ruthenian.	839.7	Swedish.
892.5	Samaritan.	892.3	Syriac.
891.2	Sanskrit.	891.45	Uriya.
839.2	Saxon, Old.	859.	Wallachian.
839.5	Scandinavian languages.	891.66	Welsh.
991.63	Scotch or Gaelic.	891.52	Zend.

### Biscoe time and Olin biography book numbers

**Biscoe time numbers** This scheme provides for arranging books by years from 1000 B C-2000 A D. Each number consists of a single initial letter followed by figures, and these again, if necessary, by letters. Any year of the 19th century, in which the greater proportion of our books belong, is designated by a letter and single figure. For the 3 preceding centuries a letter and 2 figures are needed, only incunabula and ancient writings requiring a letter and 3 figures. Few characters are wasted for the period when few books were written, as A, B, and C cover the years to 1499 A D.

To D, E, F, which stand for centuries, 2 figures must be added, the number for a book published in 1652 being E52; in 1507, D07.

B, covering the first 10 centuries and C, covering 5 centuries, must be followed by 3 figures; thus a book issued in 1472 would be numbered C472.

Table of Biscoe numbers

A	B. C.	J	1830-1839	S	1920-1929
B	A. D. 1-999	K	1840-1849	T	1930-1939
C	1000-1499	L	1850-1859	U	1940-1949
D	1500-1599	M	1860-1869	V	1950-1959
E	1600-1699	N	1870-1879	W	1960-1969
F	1700-1799	O	1880-1889	X	1970-1979
G	1800-1809	P	1890-1899	Y	1980-1989
H	1810-1819	Q	1900-1909	Z	1990-1999
I	1820-1829	R	1910-1919		

American books take their numbers from the last copyright date; English and other foreign books, from date of publication: e. g. Dana's *Text book of geology*, Phil. 1864, copyright '63 has as its booknumber M3; edition 2 of the same book published and copyrighted in 1874 is N4. Weller's *Portable atlas of physical geography*, London 1873, is N3.

A series or set takes its number from the first volume, even tho that may be lacking in the library set; e. g. *Popular science monthly*, v. 10-20, is M2, the date of v. 1 not of v. 10. When more than one volume in the same class calls for the same number, these numbers are differentiated by adding lower case letters; e. g. Bradbury & Emery's *Academic algebra*, Sensenig's *Numbers universalized*, and Wells's *Short course in higher algebra* all published in 1889 call for O9. Supposing them to come into the library in the above order, Bradbury would be O9; Wells O9a; Sensenig, O9b. In a closely class library additions to final subdivisions are seldom more than one a year. In the exceptional cases, use of a letter allows for 26 additions; the numbers are therefore neither long nor complicated.

If in doubt, an approximate date may be used and corrected later when full information is acquired. Hunting down obscure dates consumes a

great deal of time and in the average library is not worth what it costs. L alone would mean a book published somewhere in the '50s of the present century, and F<sub>9</sub> one of the last decade of the 18th (F<sub>09</sub> being the mark for 1709). This occasional uncertainty is analogous to the case of anonymous and pseudonymous books in an author arrangement.

Dates B. C. may be treated in any one of the 3 ways suggested below. If numbers are given from date of writing or first publication there will be a few A books; but if from date of printing or copyright, none at all. Of the 3 ways below of treating dates B. C. the first is best:

1 Subtract the decade B. C. from 99 and use the resulting number, thus securing correct order with a shorter number than in 2. This approximate date is close enough, since exact year of writing is difficult to determine and the number of books in any subject in a single decade small.

Alternatives are:

2 Subtract the date B. C. from 1000 and use the resulting number, which will secure proper sequence.

3 Use actual B. C. date, since among so few books no great confusion would result from thus inverting the regular order.

Resulting numbers would then be:

Year B. C.	Complementary decade (1)	Complementary year (2)	Actual date (3)
999	A00	A001	A999
563	A43	A437	A563
73	A92	A927	A73
45	A95	A955	A45

**Olin book numbers** The best means of separating collective from individual biography is Olin book numbers. They are used exactly like Cutter author numbers; but as they translate all surnames of compilers into A followed immediately by figures, they precede the first Cutter number, Aa1 and thus automatically shelve biographic compilations before the cuttered individual lives; e. g. Strickland's *Queens of England* would be A84 (Olin number) and stand before a life of Queen Anne, An7 (Cutter number) whether classed 920 or 923.1.

See next page for table.

## Table of Olin numbers

From *Library journal* 18:144

Name	Number	Name	Number	Name	Number	Name	Number
A	A11	Forr	A34	Lod	A56	Sch	A78
Ba	A12	Ga	A35	Ma	A57	Scr	A79
Bel	A13	Ges	A36	McT	A58	Sea	A81
Boy	A14	Goe	A37	Mat	A59	Sia	A82
Ca	A15	Grat	A38	Merr	A61	Sma	A83
Caro	A16	Ha	A39	Mo	A62	Squa	A84
Cel	A17	Hat	A41	Mos	A63	Sva	A85
Chim	A18	Hesi	A42	Na	A64	Ta	A86
Clar	A19	Hiu	A43	Nee	A65	Thau	A87
Coh	A21	Hov	A44	O	A66	To	A88
Coom	A22	I	A45	Pa	A67	Trum	A89
Cs	A23	Ja	A46	Per	A68	U	A91
Da	A24	Ji	A47	Ple	A69	V	A92
Day	A25	Ka	A48	Q	A71	Wa	A93
Dick	A26	Keno	A49	Ra	A72	Wats	A94
Doy	A27	Klu	A51	Rem	A73	Wha	A95
Ea	A28	La	A52	Rim	A74	Wit	A96
En	A29	Lann	A53	Rol	A75	X	A97
Fa	A31	Le	A54	Ru	A76	Y	A98
Fel	A32	Lind	A55	Sa	A77	Z	A99
Fit	A33						

If Cutter-Sanborn tables (in which vowels like consonants are followed by figures) are used, mark collected biography with A followed by a shortened Cutter-Sanborn number for author or compiler, writing the initial letter of the Cutter-Sanborn number with a lower case letter; e. g. Strickland's *Lives of the queens of England*, the Cutter-Sanborn number for Strickland being S917, would be marked As9 or Johnston's *Leading American soldiers*, the number for Johnston being J73, would be Aj7



**Special author tables**

Following tables from *Library notes* 2:16 and 3:440 illustrate special book-number tables for authors to whom individual class numbers have been assigned, so Cutter numbers would be useless duplication. By this method all material regarding author and his work is provided for under his special number, but *complete* table is *preferably* used only for authors on whom library is making a special collection (e. g. Shakspeare, Dante and Goethe), in other cases material coming under A-C being classed in regular bibliography and biography numbers.

A-N are common to all authors; O-Z are assigned individually.

**General Scheme**

- A Bibliography. Authorship controversies
  - B Biography
  - C Biographic collateral
  - D Higher criticism
  - E Minor criticism (textual)
  - F Sources, allusions, learning
  - G Miscellany; concordances; societies etc.
  - H Quotations, tales and plays from, adaptations, condensations etc.
  - I Complete works without notes
  - J " with "
  - K " in translations
- For living authors put works complete to date with I, J and K
- L Partial collections without notes
  - M " with "
  - N " in translations
  - O-Z Individual works

**822.33 Shakspeare**

A-N assigned as above

- |  |   |
|--|---|
| <b>O</b> <b>Comedies</b>                       | <b>R<sub>3</sub></b> Winter's tale        |
| <b>O<sub>1</sub></b> All's well that ends well | <b>S</b> <b>Tragedies</b>                 |
| <b>O<sub>3</sub></b> As you like it            | <b>S<sub>1</sub></b> Antony and Cleopatra |
| <b>O<sub>5</sub></b> Comedy of errors          | <b>S<sub>3</sub></b> Coriolanus           |
| <b>O<sub>7</sub></b> Love's labor lost         | <b>S<sub>5</sub></b> Cymbeline            |
| <b>P<sub>1</sub></b> Measure for measure       | <b>S<sub>7</sub></b> Hamlet               |
| <b>P<sub>3</sub></b> Merchant of Venice        | <b>T<sub>1</sub></b> Julius Caesar        |
| <b>P<sub>5</sub></b> Merry wives of Windsor    | <b>T<sub>3</sub></b> King Lear            |
| <b>P<sub>7</sub></b> Midsummer night's dream   | <b>T<sub>5</sub></b> Macbeth              |
| <b>Q<sub>1</sub></b> Much ado about nothing    | <b>T<sub>7</sub></b> Othello              |
| <b>Q<sub>3</sub></b> Taming of the shrew       | <b>U<sub>1</sub></b> Pericles             |
| <b>Q<sub>5</sub></b> Tempest                   | <b>U<sub>3</sub></b> Romeo and Juliet     |
| <b>Q<sub>7</sub></b> Twelfth night             | <b>U<sub>5</sub></b> Timon of Athens      |
| <b>R<sub>1</sub></b> Two gentlemen of Verona   | <b>U<sub>7</sub></b> Titus Andronicus     |

**822.33 Shakspeare (concluded)**

V <sub>1</sub> Troilus and Cressida	X <sub>3</sub> Richard 2
<b>W Histories</b>	X <sub>5</sub> Richard 3
W <sub>1</sub> Henry 4	<b>Y<sub>1</sub> Poems</b>
W <sub>3</sub> Henry 5	Y <sub>3</sub> Venus and Adonis
W <sub>5</sub> Henry 6	Y <sub>5</sub> Lucrece
W <sub>7</sub> Henry 8	Y <sub>7</sub> Sonnets
X <sub>1</sub> King John	<b>Z Spurious works</b>

In table above only odd numbers have been assigned. These may very satisfactorily be used for text of plays, and the following even numbers for corresponding criticisms, e.g. S<sub>7</sub> text of Hamlet, S<sub>8</sub> criticism of Hamlet, criticisms of an individual work being shelved with the work, not in D or E.

**821.31 Spenser**

O Fairy queen	V Mutabilitie
P " book 1	W Shepherd's calendar
Q " " 2	X Minor poems: Complaints
R " " 3	Y " Other
S " " 4	Z Prose
T " " 5	Z <sub>5</sub> Letters
U " " 6	

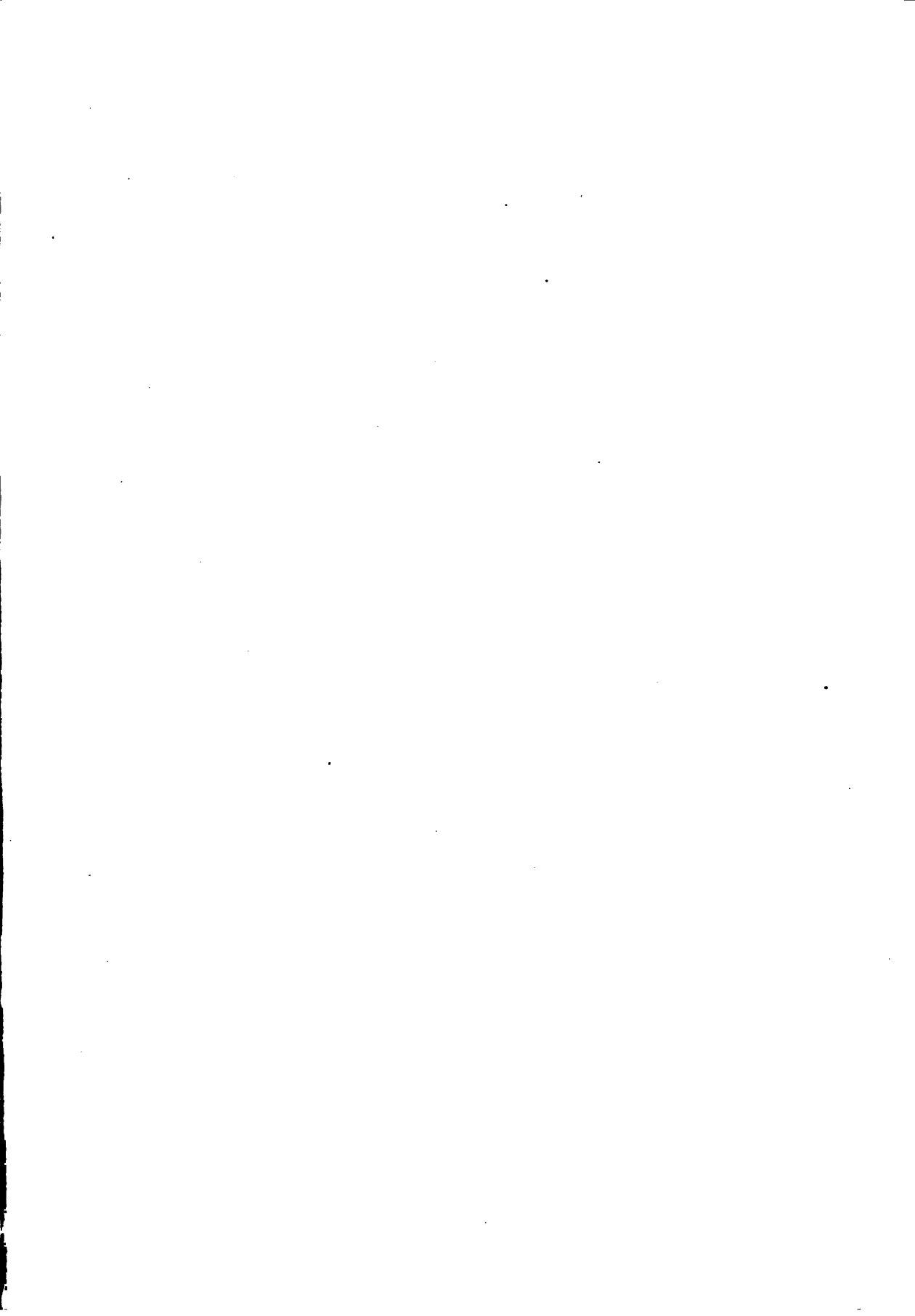
**821.47 Milton**

Dates following titles or those of first publication

O Paradise lost 1667	V <sub>1</sub> Arcades 1633
P Translations	V <sub>5</sub> Comus 1634
Q Criticisms	W <sub>1</sub> Lycidas 1637
R Paradise regained 1671	W <sub>5</sub> Samson Agonistes 1671
S Translations	X <sub>1</sub> Odes
T Criticisms	X <sub>2</sub> Sonnets
U <sub>1</sub> L'allegro 1632	Y Miscellaneous
U <sub>5</sub> Il penseroso 1632	

Tables for following authors are also to be found in *Library notes*, Oct 1893, 3:438-50:

H: W. Longfellow	Alfred Tennyson
J: G. Whittier	Robert Browning
W: G. Simms	Walter Scott
Geoffrey Chaucer	Alexandre Dumas, the elder



466

V<sub>1</sub> Tr  
W H  
W<sub>1</sub> H  
W<sub>3</sub> I

