

Cabalzarite

Brugger J, Meisser N, Schenk K, Berlepsch P, Bonin M, Armbruster T, Nyfeler D, Schmidt S: Amer.Min.(2000) 85, 1307-1314

Switzerland - Graubünden - Oberhalbstein - Falotta (Mn-mine)

- Switzerland: GML-Lausanne - Type: HT: MGL 73785 (id. with CABA 11)
- Switzerland: NMBA-Basel - Type: CT: Number of the type specimen is lacking

Cabriite

Evstigneeva TL, Genkin AD: Can.Min.(1983) 21, 481-487

Russia - Krasnoyarskiy Krai - Noril'sk district - Talnakh - Oktyabr'skoye deposit

- Russia: FMM-Moscow - Type: polished sections
- Canada: GSC-Ottawa - Type: CT: polished sections
- Russia: IGEM-Moscow - Type: polished sections

In massive Cu-Ni-sulfide ores

Cadmoselite

Buryanova EZ, Kovalev GA, Komkov AI: ZVMO,(1957) 86, 626-628

Russia - Tuva A.R. - Ust' Uyok deposit

- Russia: FMM-Moscow - Type: T: 72553

Xenomorphic disseminations cementing sandstone

Cadwaladerite

Gordon SG: Notulae Naturae, Acad.Nat.Sci., Philadelphia (1941) no. 80, 4 pp.

Chile - Tarapaca - Iquique - Cerro Pintados

- USA: HMM-Cambridge - Type: T: 134143 (don. SG Gordon)

Cafarsite

Graeser S: Schweiz.Min.Petr.Mitt.(1966) 46, 367-375

Switzerland - Wallis - Binntal - Wann-Glacier (orthogneiss of Monte Leone nappe)

- United Kingdom: NHM-London - Type: T: 1966,434
- Switzerland: NMBA-Basel - Type: HT: SG749 (a fragment of a crystal)

Cafetite

Kukharensko AA, Kondrateva VV, Kovyazina VM: ZVMO,(1959) 88, 444-453

Russia - Kola Peninsula - Afrikanda massif

- Russia: FMM-Moscow - Type: T: 72024
- Russia: UDG-St.Petersburg - Type: T: 13420, 13421

From a pyroxenite

Calciborite

Petrova ES: Geologiya Gornochim.Syrya.(1955) 2, 218; abstr. in ZVMO,(1956) 85, 76

Russia - Ural-Mid. - Yekatr'in Obl. - Krasnotur'insk - Novofrolov'skoye deposit

- Russia: FMM-Moscow - Type: T: 64943
- Russia: MM-St.Petersburg - Type: T: 1297/1

In drill cores from limestone skarn

Calcioancylite-(Nd)

Orlandi P, Vezzalini G: Eur.J.Min.(1990) 2, 413-418

Italia - Piemonte - Novara - Lago Maggiore - Baveno, Cava di Oltrefiume (in miarolitic granite)

- Italy: MCSN-Milano - Type: HT: M29872 (a tiny crystal; found by G Schiera)

Calcioandyröbertsite

Cooper MA, Hawthorne FC, Pinch WW, Grice JD: *Min.Rec.*(1999) 30, 181-186

Namibia - Tsumeb - Tsumeb mine

- USA: NMNH-Washington - Type: T: 171487
- Canada: ROM-Toronto - Type: T: M47022, M47110

Calcioaravaipaite

Kampf AR, Foord EE: *Mineral.Rec.*(1996) 27, 293-300

USA - Arizona - Graham County - Aravaipa mining district, Klondyke (6km NE), Laurel Canyon - Grand Reef mine

- USA: LACMNH-Los Angeles - Type: HT: 39338

Calciobetafite

Mazzi F and Munno R: *Amer.Min.*(1983) 68, 262-276

Italia - Campania - Napoli - Campi Flegrei (W of Napoli) - Monte di Procida

- USA: NMNH-Washington - Type: T: 150338 (don. R Munno, IMU, Napoli, 1983)

Calcioburbankite

van Velthuisen J, Gault RA, Grice JD: *Can.Mineral.*(1995) 33, 1231-1235

Canada - Quebec - Rouville County - Mont Saint-Hilaire

- Canada: CMN-Ottawa - Type: HT: 50804 (one piece of matrix and one WDS mount)?

Calciohilarite

Boggs RC: *Amer.Min.*(1988) 73, 1191-1194

USA - Washington - Okanogan County - Liberty Horn and Washington Pass (Golden Horn batholite)

- USA: NMNH-Washington - Type: CT: 162182 (don. RC Boggs, 1984; Liberty Hill), 161901 (don. RC Boggs, 1984; Washington Pass)

Calciosamarskite

Ellsworth HV: *Amer.Min.*1928/13/66-68 and 63-65

Canada - Ontario - Parry Sound district - Conger township - Blackstone Lake (E of)

- USA: HMM-Cambridge - Type: NT?: 97054 (crystal- and x-ray data from Mitchell County)

Second TL: Canada, Ontario, Hybla, Woodcox mine. SL Hanson at al. in: Min.Mag.(1999) 63, 27-36 with crystal and x-ray data from USA, North Carolina, Mitchell County

Calciotantite

Voloshin AV, Pakhomovskii YaA, Tyusheva FM: *Min.Zhurn.*(1982) 4, 75-79

Russia - Kola Peninsula - Voron'i Tundry - Vasin Myl'k

- Russia: FMM-Moscow - Type: T: 81392
- Russia: GIKB-Apatity - Type: T: 5702/1

In granitic pegmatite

Calciouranoite

Rogova VP, Belova LN, Kiziyarov GP, Kusnetsova NN: *ZVMO*,(1974) 103, 103-109

Russia - Chita Obl. (S) - Strel'tsovskoye orefield

- Russia: FMM-Moscow - Type: T: 81272

In the oxidation zone of the U-Mo-deposit. In orig. publ. no locality given.

Calciumcatapleite

Portnov AM: *DAN-SSSR*,(1964) 154, 607-609

Russia - Buryatskaya A.R. - Baikal Lake (120 km NE of) - Burpala alkaline massif (N56 33', E110 45')

- Russia: FMM-Moscow - Type: T: 72035

Calclacite

Van Tassel R: Bull.Mus.Roy.Hist.Nat.Bélgique (1945) 21, 1-11

Belgium - Bruxelles, IRSNB

- Belgium: IRSNB-Bruxelles - Type: HT/CT: RN 5518 (a lot of samples)

Fibrous efflorescence on certain limestones, stored in wooden drawers.

Calcybeborosilite

Rastsvetayeva RK, Pushcharovskii DYU, Pekov IV, Voloshin AV: Kristallografiya,(1996) 41, n2, 235-239

Tajikistan - Dara-Pioz massif

- Russia: FMM-Moscow - Type::

Calumetite

Williams SA: Amer.Min.(1963) 48, 614-619

USA - Michigan - Houghton County - Calumet - Centennial mine

- United Kingdom: NHM-London - Type: T: BM 1972,192
- USA: NMNH-Washington - Type: CT: 115870 (don. SA Williams, 1963)
- France: MHN-Paris - Type: T: (don. SA Williams, 1963)

Calzirtite

Zdorik TB, Sidorenko GA, Bykova AV: DAN-SSSR,(1961) 137, 681-684

Russia - Yakutiya (SW) - Aldan shield - Gornoye Ozero massif

- Russia: FMM-Moscow - Type: T: 61743, 62363
- Russia: UDG-St.Petersburg - Type: T: 13409

From a carbonatite

Camerolaite

Sarp H, Perroud P: Neues Jahrb.Min.,Mh.(1991) 481-486

France - Provence-Alpes-Côte d'Azur - Var dép. - Pradet, near - Cap Garonne mine

- Switzerland: MHN-Genève - Type: HT: 435/84

Cameronite

Roberts AC, Harris DC, Criddle AJ, Pinch WW: Can.Min.(1986) 24, 379-384

USA - Colorado - Gunnison County - Vulcan - Good Hope mine

- Canada: CMN-Ottawa - Type: CT: 56853 and 80027 (2 pol. sect., 1 handspecimen, Pinch coll.)
- United Kingdom: NHM-London - Type: HT (part of): BM 1984,356
- USA: NMNH-Washington - Type: HT: 162713 (don. WW Pinch, 1985) and 165449 (don. CMN-Ottawa, thru G Robinson, 1987)
- Canada: ROM-Toronto - Type: HT (part of): M42603 (don. WW Pinch, 1985)

Camgasite

Walenta K, Dunn PJ: Der Aufschluss,(1989) 40, 369-372

Germany - Baden-Württemberg - Schwarzwald (central part) - Wittichen - Johann mine

- Germany: IMKU-Stuttgart - Type: CT: JO1k,1
- USA: NMNH-Washington - Type: HT: 166050

Campigliaite

Menchetti S, Sabelli C: Amer.Min.(1982) 67, 385-393

Italia - Toscana - Livorno - Campiglia Marittima - Temperino mine

- Italy: MMUFI-Firenze - Type: HT/CT: 214/I (1 spec., few mg)
- USA: NMNH-Washington - Type: MT: 148483, 148484, 148485 (don. C Sabelli, 1981)

Canaphite

Peacor DR, Dunn PJ, Simmons WB, Wicks FJ: *Min.Rec.*(1985) 16, 467-468

USA - New Jersey - Passaic County - Watchun Mts., Paterson area - Haledon

- USA: NMNH-Washington - Type: HT: 160286 (Yedlin coll., 1981)

Canasite

Dorfman MD, Rogachev DL, Goroshchenko ZI, Uspenskaya EI: *Trud.Min.Muz.Akad.Nauk.SSSR.*(1959) 9, 158-166

Russia - Kola Peninsula - Khibiny massif - Yukspor Mt.

- Russia: FMM-Moscow - Type: T: 61128, 61129
- Russia: GIKB-Apatity - Type: T: 801
- USA: NMNH-Washington - Type: T: 136472 (don. MD Dorfman)

Canavesite

Ferraris G, Franchini-Angela M, Orlandi P: *Can.Min.*(1978) 16, 69-73

Italia - Piemonte - Torino - Ivrea (NW of) - Brosso mine, Vola Gera tunnel (level 373)

- Italy: MCSN-Milano - Type: HT/T: M17349 (found by V Farina and M Rapazzini) and M30079, 099, 100 and 102 (same finders)
- Italy: MRSN-Torino - Type: T:
- France: MHN-Paris - Type: CT: (don. M Franchini, 1981)

Cancrisilite

Khomyakov AP, Semenov EI, Pobedimindkaya EA, Nadezhina TN, Rastsvetaeva RK: *ZVMO.*(1991) 120, n6, 80-84

Russia - Kola Peninsula - Lovozero massif - Alluaiv Mts.

- Russia: FMM-Moscow - Type: T: r503/1
- Russia: VGM-Moscow - Type: T: (not confirmed)

In poikilitic aegirine-nepheline-sodalite syenites and associated pegmatites and hydrothermalites

Cannizzarite

Zambonini F, de Fiore O, Carobbi G: *Ann.R.Oss. Vesuv* (1924) III/1; *Rend.Accad.Sci.fis.mat., Napoli* (1925) ser.3, 31, 28

Italia - Sicilia - Messina - Isole Eolie - Isola Vulcano (from the fumaroles)

- France: ENSM-Paris - Type: CT: 17870 (don. R Palumbo)
- Italy: MMUFI-Firenze - Type: HT: 14398/G
- France: MHN-Paris - Type: CT: 128.28 (don. from the authors by R Palumbo)
- United Kingdom: NHM-London - Type: CT: BM 1981, 468

Cannonite

Stanley CJ, Roberts AC, Harris DC, Criddle AJ, Szymanski JT: *Min.Mag.*(1992) 56, 605-609

USA - Utah - Piute County - Marysvale (W of), Ohio Mining District - Tunnel Extension mine (N38 28', W112 14')

- Canada: GSC-Ottawa - Type: HT (part of): NMC 67428
- United Kingdom: NHM-London - Type: HT (part of): BM 1992,239/240

Caoxite

Basso R, Lucchetti G, Zefiro L, Palenzona A: *Neues Jahrb.Min.,Mh.*(1997) 84-96

Italia - Liguria - Spezia - Val di Vara (near Borghetto di Vara) - Cerchiara mine

- Italy: IMUGe-Genova - Type: T:

Capgaronnite

Mason B, Mumme WG, Sarp H: *Amer.Min.*(1992) 77, 197-200

France - Provence-Alpes-Côte d'Azur - Var dép. - Pradet, near - Cap Garonne mine

- Switzerland: MHN-Genève - Type: HT: 435/81

Cappelenite-(Y)

Brogger WC: Geologiska Föreningen i Stockholm Förhandlingar,(1884) 7, 598-600

Norway - Vestfold - Larvik - Lille Aroy, [Langesundfjord area

- Norway: MGMU-Oslo - Type: CT: 19883
- USA: NMNH-Washington - Type: PT: 160547
- Sweden: SMNH-Stockholm - Type: CT: 530898

PT is related to Shen J and Moore PB (1984), *Amer.Min.*(1984) 69, 190-195

Carbocernaite

Bulakh AG, Kondrateva VV, Baranova EN: ZVMO,(1961) 90, 42-49

Russia - Karelia A.R. - Vuoriyarvi massif

- Russia: FMM-Moscow - Type: T: 64100

Carboirite

Johan Z, Oudin E, Picot P: Tschermaks Min.Petr.Mitt.(1983) 31, 97-119

France - Midi-Pyrénées - Ariège dép. - Carboire Zn-deposit

- France: ENSM-Paris - Type: T:

Carbonate-cyanotrichite

Ankinovich EA, Gekht II, Zaitseva RI: ZVMO,(1963) 92, 458-463

Kazakhstan - Dzhabul'sk. Obl. - Karatau, NW - Balasauskandyk

- Russia: VGM-Moscow - Type: T: 49844 (Ankinovich 1971)

Caresite-3T

Chao GY, Gault RA: Can.Min.(1997) 35, 1541-1549

Canada - Quebec - Rouville County - Mont Saint-Hilaire - Poudrette quarry

- Canada: CMN-Ottawa - Type: CT: 81550, 81551, 81522
- Canada: ROM-Toronto - Type: CT: M46772/4

Carletonite

Chao GY: Amer.Min.(1971) 56, 354 and (1972) 765-778

Canada - Quebec - Rouville County - Mont-Saint-Hilaire

- Canada: CMN-Ottawa - Type: HT: 37135 (10g), T711 (former UK15)

Carlfriesite

Williams SA and Gaines RV: Min.Mag.(1975) 40, 127-130

Mexico - Sonora - Municipio de Moctezuma - Moctezuma (near), Sierra La Huerta - Bambollita mine (now La Oriental mine)

- France: MHN-Paris - Type: T: 175.82 (don SA Williams)
- United Kingdom: NHM-London - Type: CT: BM 1976,406
- USA: NMNH-Washington - Type: T: 128393 and 164349/50 (don. RV Gaines, 1974 and 1987) and 135058 (don. SA Williams)

Carlhintzeite

Dunn PJ, Peacor DR, Sturman BD: Can.Min.(1979) 17, 103-105

Germany - Bayern - Oberpfalz - Hagendorf pegmatites, Waidhaus (2km NW of)

- USA: NMNH-Washington - Type: T:
- Canada: ROM-Toronto - Type: T:

Carlinite

Radtke AS and Dickson FW: Amer.Min.(1975) 60, 559-565

USA - Nevada - Eureka County - Elko (50km NE of) - Carlin gold mine (east pit)

- USA: NMNH-Washington - Type: T: 132497 (don. U.S.Geol.Surv., AS Radtke, 1975)

The type specimen is badly oxidized.

Carlosturanite

Compagnoni R, Ferraris G, Mellini M: Amer.Min.(1985) 70, 767-781

Italia - Piemonte - Cuneo - Valle Varaita - Sampeyre (near)

- Italy: MRSN-Torino - Type: HT:
- Austria: NHMW-Wien - Type: [MT: L9493

Found in a chrysotile-asbestos mining prospect

- USA: NMNH-Washington - Type: MT: 162683 (don. G Peyronel 1985)

Found in a chrysotile-asbestos mining prospect

Carlsbergite

Buchwald VF and Scott ERD: Nature (1971) 233, 113-114

Meteorite-Greenland - Westgreenland (N76 08', W64 56') - Meteorite Cape York (Agpalilik specimen) - Iron, Octahedrite, IIIA

- Denmark: GMK-Copenhagen - Type: HT: 1967.410 (1 specimen, originally approx. 22 tons)

The mineral, this first nitride in iron meteorites, has been found in more than 70 meteorites

Carmichaelite

Wang L, Rouse RC, Essene EJ, Peacor DR, Zhang Y: Amer.Min.(2000) 85, 792-800

USA - Arizona - Apache County (N of) - Monument Valley (E of), Cane Valley, Dennehotso (NE of) - Garnet Ridge (map in Amer.Min.(1970) 55, 1740

- USA: NMNH-Washington - Type: CT: 172011

Carnotite

Friedel C and Cumenge E: C.R.Acad.Sci.Paris (1899) 128, 532-534

USA - Colorado - Montrose County - Rock Creek area - Dullan claim (impregnated in sandstone)

- USA: HMM-Cambridge - Type: CT: 106253 (part of no. 2218, Univ. of Colorado)
- France: MHN-Paris - Type: T: 99274 and 99210

Carobbiite

Strunz H: Rend.Soc.Min.Ital.(1956) 12, 212-213

Italia - Campania - Napoli - Vesuvio, Monte Somma

- Italy: MMUFI-Firenze - Type: HT: 1972/I

In fumarole deposits, lava from Dec. 1933, on NE of the Mt. Somma

Carpholite

Werner AG: Letztes Min. System (1817) 10, 43

Czech Republic - Severocesky (Northern Czechy) - Krusne hory (eastern part) - Slavkov

- Germany: BAF-Freiberg - Type: T: 103027-103038 (labels written by Köhler, the curator of the Werner coll., 1817)

TL of the first description: Schlackenwald (syn. Schlaggenwald), Erzgebirge (eastern part), Northern Bohemia.

Original name = Karpholith. From the tin mines.

Carraraite

Merlino S and Orlandi P: Amer.Min.(2001) 86, 1293-1301

Italia - Toscana - Carrara (E of), Colonnata valley - Gioia marble quarry

- Italy: MSNU-Pisa - Type: T:

Carrboydite

Baker WW, Bussell M, Fletcher AB, Hill RET, Hudson DR, Nickel EH, Ramsden AR, Thornber MR: Ann.Rept. CSIRO Min.Res.Lab.,Austr.1974/75 (1975) 12

Australia - Western Australia (central part) - Kalgoorlie (N of) - Goongarrie - Carr Boyd Rocks Ni-mine (S30 04', E121 07')

- USA: NMNH-Washington - Type: T: 135930 (don. EH Nickel)
- Australia: WAM-Perth - Type: CT: M74.1991 (formerly 5759c)

Compare with Nickel EH and Clark RM in: Amer.Min.(1976) 61, 366-372

Caryinite

Lundström CH: GFF,(1874) 2, 178

Sweden - Värmland - Filipstad - Filipstad - Langban

- Sweden: SMNH-Stockholm - Type: HT: 74:050

Caryopilite

Hamberg A: GFF,(1889) 11, 27

Sweden - Värmland - Filipstad - Filipstad - Harstigen

- Sweden: SMNH-Stockholm - Type: HT: 89:0292

Cascandite

Mellini M, Merlino S, Orlandi P, Rinaldi R: Amer.Min.(1982) 67, 599-609

Italia - Piemonte - Novara - Lago Maggiore - Baveno, Cava Diverio (in a miarolitic granite)

- Italy: MCSN-Milano - Type: HT: 23270 (micro xx, don. V Allegri, 1981; same specimen with HT of Jervisite)

Cassedanneite

Cesbron F, Giraud R, Pillard F, Poullen JF: C.R.Acad.Sci.Paris,(1988) 306, ser.2, 125-128

Russia - Ural-Mid. - Yekatrinnburg (18 km NE of) - Berezovskoye deposit

- France: ENSM-Paris - Type: HT:

Hydrothermal

Cassidyite

White JS, Henderson EP, Mason B: Amer.Min.(1967) 52, 1190-1197

Meteorite-Australia - Western Australia, Wolf Creek meteoritic crater (S19 11', E127 48') - Meteorite Wolf Creek - Iron, Octahedrite, IIIB

- USA: NMNH-Washington - Type: T: 119552/4 (on same specimens with and partially filed under Reevesite)

Cassidyite: a weathering product of the meteorite, a secondary phosphate

Caswellsilverite

Okada A and Keil K: Amer.Min.(1982) 67, 132-136

Meteorite-USA - Kansas - Norton County (N39 41', W99 52') - Meteorite Norton County - Stone, Enstatite

Achondrite, Aubrite

- USA: UNM-Albuquerque - Type: HT:

Caswellsilverite: Lithophile elements under highly reducing conditions, chalcophile

Catapleiite

Weibye PC: Neues Jahrbuch für Mineral.(1849) 521-525

Norway - Vestfold - Larvik - Låven island (formerly Lamö), [Langesundfjord

- Sweden: SMNH-Stockholm - Type: CT: 334509

Cattiite

Britvin SN, Ferraris G, Ivaldi G, Bogdanova AN, Chukanov NV: Neues Jahrb.,Mh.(2002) 160-168

Russia - Kola Peninsula - Kovdor massif - Zhelezny iron mine

- Russia: UDG-St.Petersburg - Type: HT: 1/18618

Cavansite

Staples LW, Evans HT, Lindsay JR: Progr. Ann. Meeting Geol. Soc. Amer. (1967) p. 211

USA - Oregon - Malheur County - Owyhee Dam (2.1 mls S of) and Columbia County, Goble area

- USA: NMNH-Washington - Type: T: 120584 and 122769 (found in the collections; on the same specimens with types Pentagonite; Owyhee Dam) and 120583 (don. LW Staples, 1967; Goble area)

Compare LW Staples, Evans HT, Lindsay JR in: Amer. Min. (1973) 58, 405-411

Caysichite-(Y)

Hogarth DD, Chao GY, Plant AG, Steacy HR: Can. Min. (1974) 12, 293-298

Canada - Quebec - Papineau County - Portland Township, Lot 28, Range VI, St-Pierre-de-Wakefield (near) - Evans-Lou mine

- Canada: GSC-Ottawa - Type: CT: 10402 (50mg)
- United Kingdom: NHM-London - Type: CT: BM 1977,278

In a granite pegmatite.

Cebollite

Larsen ES and Schaller WT: J. Wash. Acad. Sci. (1914) 4, 480-482

USA - Colorado - Gunnison County - Iron Hill area, Cebolla Creek (near) - Powderhorn (near)

- USA: HMM-Cambridge - Type: T: 85726 (don. ES Larsen)
- France: MHN-Paris - Type: T: 116114 (don. ES Larsen)
- United Kingdom: NHM-London - Type: HT (part of): BM 1923,1022
- USA: NMNH-Washington - Type: T: 087530 (don. U.S. Geol. Surv., 1915) and C03217 and R06451 (don. ES Larsen thru Canfield-, resp. Roebbling-coll.)

Cechite

Mrazek Z and Taborsky Z: Neues Jahrb. (1981) 520-528

Czech Republic - Stredocesky (Central Czechy) - Pribram mining area - Vranice

- Czech Republic: CUP-Praha - Type: HT: 20037 (100mg)

Celestine

Werner AG: LA Emmerling, Lehrbuch Mineral. (1799) 2nd ed., 183

Italia - Sicilia - Agrigento - Agrigento (= second TL?)

- Germany: BAF-Freiberg - Type: [HT: 45 samples

The first and only TL = Bellwood (Bell's Mills), Blair Co, Penns., USA

Celsian

Sjögren H: GFF, (1895) 17, 578

Sweden - Värmland - Filipstad - Filipstad - Jakobsberg

- Sweden: SMNH-Stockholm - Type: HT: HS3983

Cerchiaraitite

Basso R, Lucchetti G, Zefiro L, Palenzona A: Neues Jahrb., Mh. (2000) 373-384

Italia - Liguria - Spezia - Val di Vara, near Borghetto di Vara - Cerchiara mine

- Italy: IMUGe-Genova - Type: T:

Cerianite-(Ce)

Graham AR: Amer. Min. (1955) 40, 560-564

Canada - Ontario - Sudbury District - Lackner Township, Lackner Lake - Nemegos (11km NE of), Firetower area

- Canada: GSC-Ottawa - Type: CT: 16588 (few grains)
- Canada: ROM-Toronto - Type: CT: M34491, M37257 (<1mg, don. AR Graham 1976 and 1951)

In carbonate rocks.

Ceripyrochlore-(Ce)

Weidmann S and Lenher V: *Am.J.Sci.*, ser. 4 (1907) 23, 287

USA - *Marathon County - Wausau (in pegmatite)*

- France: MHN-Paris - Type: T: 110442 (don. S Weidmann)
- USA: NMNH-Washington - Type: T: R05037 (don. S Weidmann, thru Roebing coll., 1927)

Originally described as Marignacite.

Cernyite

Kissin SA, Owens DR, Roberts WL: *Can.Min.*(1978) 16, 139-146

Canada - *Manitoba - Winnipeg Division - Lac du Bonnet area, Township 17, Range 15 - Bernic Lake, Tanco pegmatite mine*

- Canada: GSC-Ottawa - Type: CT: 12119 (one grain)

Second TL: USA, South Dakota, Pennington County, Keystone, Hugo mine.

Ceruleite

Dufet H: *Bull.Soc.fr.Min.*(1900) 23, 147-150

Chile - *Antofagasta - Taltal - Huanaco (today Guanaco)*

- France: MHN-Paris - Type: T: 101.192 (don. H Dufet)

Compare K Schmetzer, W Berdesinski, H Bank, E Krovzek in: Neues Jahrb.Min.,Mh.(1976) 418-425

Cervandonite-(Ce)

Armbruster T, Bühler Ch, Graeser S, Stalder HA, Amthauer G: *Schweiz.Min.Petr.Mitt.*(1988) 68, 125-132

Italia - *Piemonte - Novara - Valle d'Ossola, Valle Devero, Alpe Devero - Pizzo Cervandone*

- Switzerland: NMBA-Basel - Type: CT: M30802 (4-5 samples; don. G Gaspari, 1974)
- Switzerland: NMBE-Bern - Type: CT: B3953 and B4695 (don. F Parani, 1981/1985)

Switzerland - Wallis - Binntal - Wannigletscher, Scherbadung (=Pizzo Cervandone)

- Switzerland: NMBE-Bern - Type: CT: B4880

Cervelleite

Criddle AJ, Chisholm JE, Stanley CJ: *Eur.J.Min.*(1989) 1, 371-380

Mexico - *Sonora - Municipio de Moctezuma - Moctezuma - Bambolla mine*

- United Kingdom: NHM-London - Type: HT: BM 1985,354

Cervelleite

Criddle AJ, Chisholm JE, Stanley CJ: *Eur.J.Min.*(1989) 1, 371-380

Mexico - *Sonora - Municipio de Moctezuma - Moctezuma - Bambolla mine*

- USA: NMNH-Washington - Type: T: 165226 (don. CJ Stanley; same specimen with and filed under benleonardite)

Cesaniite

Cavaretta G, Mottana A, Tecce F: *Min.Mag.*(1981) 44, 269-273

Italia - *Lazio - Roma - Lago Bracciano (E of) - Cesano geothermal field (Nr.1 well, 1252-1254 m depth)*

- Italy: MMURo-Roma - Type: T: 24316
- Austria: NHMW-Wien - Type: HT: L6891 (7 samples)
- USA: NMNH-Washington - Type: T: 150333 (don. A Mottana, 1983)

Cesarolite

Buttgenbach H and Gillet C: *Ann.Soc.Geol. Belgique* (1920) 43, 239

Tunisia - *Sidi-Amer-ben-Salem (lead mine)*

- France: MHN-Paris - Type: T: 120.275 (don. H Buttgenbach)
- Belgium: ULG-Liège - Type: HT: (no nr.)

In galena

Cesbronite

Williams SA: *Min.Mag.*(1974) 39, 744-746

Mexico - Sonora - Municipio de Moctezuma - Moctezuma - Bambollita mine (now La Oriental mine)

- France: ENSM-Paris - Type: CT:
- France: MHN-Paris - Type: T: (don. SA Williams)
- United Kingdom: NHM-London - Type: CT: BM 1976,405
- USA: NMNH-Washington - Type: T: 144518 (don. SA Williams, 1978)

Cesiumkuptletskite

Efimov AF, Dusmatov VD, Ganzeev AA, Kataeva ZT: *DAN-SSSR*,(1971) 197, 1394-1397

Tajikistan - Alai range - Dara-Pioz massif

- Russia: FMM-Moscow - Type: :

In pegmatites with feldspars

Cestibtantite

Voloshin AV, Men'shikov YuP, Pakhomovskii YaA, Polezheva LI: *ZVMO*,(1981) 110, 345-351

Russia - Kola Peninsula - Voron'i Tundry

- Russia: FMM-Moscow - Type: T: 80827, 81058
- Russia: GIKB-Apatity - Type: T: 5518

Cetineite

Sabelli C and Vezzalini G: *Neues Jahrb.Min.,Mh.*(1987) 419-425

Italia - Toscana - Siena - Rosia (near), Siena (ca. 20km SW of) - Le Cetine mine

- Italy: MMUFI-Firenze - Type: HT: 664/I
- USA: NMNH-Washington - Type: T: 164388 (don. C Sabelli, 1987)

Chabazite-Sr

Pekov IV, Turchkova AG, Chukanov NV, Zadov AE, Grishin VG: *ZVMO* (2000) 129/4, 54-58

Russia - Kola Peninsula - Lovozero massif - Suoluaiv Mt.

- Russia: FMM-Moscow - Type: T: 2469/1

Chabourneite

Picot P, Johan Z: *Mem.Bur.Rech.Geol.Minière*,(1977) 90, 1, 115; Johan Z, Mantiene J, Picot P in *Bull.Minéral.*(1981) 104, 10-15

France - Provence-Alpes-Côte d'Azur - Hautes Alpes dép. - La-Chapelle-en-Valgaude, 10km E of - Jas Roux

- France: ENSM-Paris - Type: T:

Chadwickite

Walenta K: *Der Aufschluss*,(1998) 49, 253-257

Germany - Baden-Württemberg - Schwarzwald - Böckelbachstal, near Wittichen - Grube Sophia (from the dump)

- Germany: IMKU-Stuttgart - Type: T?:
- Germany: SMN-Stuttgart - Type: T?:

Chaidamuite

Li Wanmao, Chen Guoying, Peng Zhizhong: *Acta Mineral. Sinica* (1986) 6, 109-113

China - Qinghai Province - Qaidam (Chaidamu) basin - Xitieshan (in the oxidation zone of a Pb-Zn-Fe deposit)

- China: GDU-Lanzhou - Type: T:
- China: MMG-Beijing - Type: T:

Chalcoalumite

Larsen ES and Vassar HE: Amer.Min.(1925) 10, 79-83

USA - Arizona - Cochise County - Bisbee

- USA: HMM-Cambridge - Type: CT: 87005/8 (don. Ward's Nat.Sci.Etabl., 1924)
- United Kingdom: NHM-London - Type: CT: BM 1961,27
- USA: NMNH-Washington - Type: T: 095226 (don. Harvard Univ., 1925) and R06326 (don. ES Larsen, thru Roebbling coll., 1927)

Chalcomenite

Des Cloizeaux A and Damour A: Bull.Soc.Fr.Min.(1881) 4, p. 51 and 164

Argentina - Mendoza - Cerro de Cacheuta

- France: MHN-Paris - Type: T: 81.14 (don. A Des Cloizeaux, 1881)

Chalconatronite

Frondel C and Gettens RJ: Science (1955) 122, 75-76

Egypt - Egypt

- Canada: GSC-Ottawa - Type: HT: 17254 (50mg)
- USA: HMM-Cambridge - Type: CT: 105237 (don. Harvard University Art Museum)
- USA: NMNH-Washington - Type: T: 112695 (don. RJ Gettens, 1956)

As greenish-blue incrustations on ancient bronze basket from Egypt

Chalcothallite

Semenov EI, Sorensen H, Bessmertnaya MS, Novorossova LE: Meddr Gronland,(1967) 181, n. 5, 13-26

Greenland - South Greenland - Narssaq (Narsaq) - Ilímaussaq Complex - "Nakalaq"

- France: ENSM-Paris - Type: CT:
- Denmark: GMK-Copenhagen - Type: HT (part of): 1971.875

Chambersite

Honea RM and Beck FR: Amer.Min.(1962) 47, 665-671

USA - Texas - Chambers County - Mont Belvieu - Barkers Hill Salt Dome (NW side)

- USA: HMM-Cambridge - Type: T: 107884 (don. RM Honea)
- USA: NMNH-Washington - Type: T: 115327 (don. FR Beck, 1972)

Chameanite

Johan Z, Picot P, Ruhlmann F: Tschermaks Min.Petr.Mitt.(1982) 29, 151-167

France - Auvergne - Puy-de-Dôme dép. - Vernet-la-Varenne, 5km N of - Chaméane

- France: ENSM-Paris - Type: T:

U-mineralisation rich in selenides

Changbaiite

Anonymous (Comprehensive Geol. Brigade of Tonghua Region and Petr.Min.Lab. Kirin Inst.Geol.Sci.): Acta Geol.

Sinica (1978) 1, 54-62

China - Jilin Province (SE) - Tonghua - Chanbai Mountain (near)

- China: NMG-Beijing - Type: T: (?)

Changchengite

Yu Zuxian: Acta Geol. Sinica (1997) 71/4, 486-490

China - Hebei Province - Beijing (ca. 200km ENE of) - Luanhe River (a branch along the) - Yanshan Mountains

- China: NMG-Beijing - Type: T:

In chromite orebodies and in placers in a branch.

Changoite

Schlüter J, Klaska K-H, Gebhard G: Neues Jahrb.,Mh.(1999) 97-103

Chile - Antofagasta - Antofagasta (NE of) - Sierra Gorda (2km W of) - old mining areas

- Germany: MMUH-Hamburg - Type: HT:

Chantalite

Sarp H, Deferne J, Liebich BW: Schweiz.Min.Petr.Mitt.(1977) 57, 149-156

Turkey - Burdur Province - Taurus Mts. - Yesilova (near) - Covur Yokusutepe (N37 33', E29 40')

- Switzerland: MHN-Genève - Type: HT: 435/1 (92g)
- United Kingdom: NHM-London - Type: CT: BM 1984,741
- USA: NMNH-Washington - Type: T: 146559 (don. MHNGe, thru J Deferne, 1980)

Chapmanite

Walker TL: Contr.Can.Min.,Univ, Toronto, Geol.Ser.(1924) 17, 5

Canada - Ontario - Timiskaming District - South Lorrain Township - Keeley mine (Claims HR19 and HR21)

- USA: HMM-Cambridge - Type: T: 91501 (don. ROM-Toronto, no. M14075, 1931)
- Canada: ROM-Toronto - Type: HT?/CT?: M35432 (HT, approx. 3g), M33773 (CT, approx. 20g) and M14075

Charlesite

Dunn PJ, Peacor DR, Leavens PB, Baum JL: Amer.Min.(1983) 68, 1033-1037

USA - New Jersey - Sussex County - Franklin (800' level)

- USA: NMNH-Washington - Type: HT/CT: 148689 (don. JL Baum, 1981) and C06247, C06401 (don. LH Bauer, 1955, resp. JS Albanese, 1959, thru Canfield coll.)

Charmarite-2H

Chao GY, Gault RA: Can.Min.(1997) 35, 1541-1549

Canada - Quebec - Rouville County - Mont Saint-Hilaire - Demix quarry

- Canada: CMN-Ottawa - Type: CT: 81544
- Canada: ROM-Toronto - Type: CT: M46766

Charmarite-3T

Chao GY, Gault RA: Can.Min.(1997) 35, 1541-1549

Canada - Quebec - Rouville County - Mont Saint-Hilaire - Demix quarry

- Canada: CMN Ottawa - Type: CT: 81545
- Canada: ROM-Toronto - Type: CT: M46767

Charoite

Rogova VP, Rogov YuG, Drits VA, Kuznetsova NN: ZVMO,(1978) 107, 94-100

Russia - Yakutiya (W) - Aldan shield - Murun alkaline massif, Vislonovka, on the little stream Davan

- Italy: MMURo-Roma - Type: T: 24352

Chatkalite

Kovalenker VA, Evstigneeva TL, Malov VS, Vyal'sov LN: Mineral.Zhurnal,(1981) 3, n5, 79-86

Uzbekistan - Uzb.-E - Chatkal range - Kuzaminsky Mts. - Kochbulak deposit

- Russia: FMM-Moscow - Type: T:

Hydrothermal

Chayesite

Velde D, Medenbach O, Wagner Ch, Schreyer W: Amer.Min.(1989) 74, 1368-1374

USA - Utah - Summit County - Francis (E of) - Moon Canyon

- Germany: RUB-Bochum - Type: HT: (ca. 50g)

Chayesite

Velde D, Medenbach O, Wagner Ch, Schreyer W: Amer.Min.(1989) 74, 1368-1374

USA - Utah - Summit County - Francis (E of) - Moon Canyon

- USA: NMNH-Washington - Type: CT: 165807 (not on the off. list!)

Chekhovichite

Spiridonov EM, Petrova IV, Demina LA, Dolgikh VI, Antonyan GM: Vest.Mosk.Univ.,Geol.(1987) 42, n6, 71-76

Armenia - Zod Au-deposit

- Russia: FMM-Moscow - Type::

Kazakhstan - (North) - Zhana-Tyube and North Aksu

- Russia: FMM-Moscow - Type::

Chengdeite

Yu Z: Acta Geol. Sinica (1995) 69, n3, 215-220

China - Hebei Province - Chengde County - Beijing (ca. 200km ENE of) - Luanhe river (a branch along the - in placer concentrates)

- China: NMG-Beijing - Type: T:

Also reported to occur in chromite ore in ultramafic rocks

Chenite

Paar WH, Mereiter K, Braithwaite RSW, Keller P, Dunn PJ: Min.Mag.(1986) 50, 129-135

Great Britain - Scotland - Larnakshire - Strathclyde, Leadhills area - Susanna mine

- Germany: IMKU-Stuttgart - Type: HT: NM 14
- USA: NMNH-Washington - Type: CT: 160384 (don. WH Parr, 1984)

Cheralite

Bowie SHU and Horne JET: Min.Mag.(1953) 30, 93-99

India - South Travancore (formerly Chera, the ancient Dravidian kingdom) - Trivandrum (23 mls ESE of) - Kuttakuzhi (in pegmatite) (N8 18'11", E77 15'48")

- United Kingdom: NHM-London - Type: HT: BM 1947,344

Cheremnykhite

Kim AA, Zayakina NV, Makhotko VF: ZVMO,(1990) 119, n5, 50-57

Russia - Yakutiya (S) - Aldan city (near) - Kuranakh gold deposit

- Russia: YIGS-Yakutsk - Type::

Cherepanovite

Rudashevskij NS, Mochalov AG, Trubkin NV, Shumskaya NM, Shkurskij VI, Evstigneeva TL: ZVMO,(1985) 114, 464-469

Russia - Kamchatka - Koryak Upland - Kamchatka fold (coast)

- Russia: MM-St.Petersburg - Type: T: 2103/1

In alluvial deposits from ultrabasic rocks

Chernovite-(Y)

Goldin BA, Yuskin NP, Fishman MV: ZVMO,(1967) 96, 699-704

Russia - Ural-Subpolar - Komi A.R. - Nyarta-Syu-Yu river - Telpos'z Mt.

- Russia: MM-St.Petersburg - Type: T: 1013/1

In piemontite veinlets in liparite-porphyry. First described as chernovite

Chernykhite

Ankinovich SG, Ankinovich EA, Rozhdstvenskaya IV, Frank-Kamenitskii VA: ZVMO,(1972) 101, 451-458

Kazakhstan - Dzhambul'sk. Obl. - Karatau (S3) - Balasauskandyk V-deposit

- Russia: VGM-Moscow - Type: T: 49845 (Ankinovich 1971)

Chervetite

Bariand P, Chantret F, Pouget R, Rimsky A: Bull.Soc.fr.Min.Crist.(1963) 86, 117-120

Gabon - Dept. Haut-Ogooué - Franceville - Mounana (U- and V-deposit)

- France: ENSM-Paris - Type: CT: (don. "Sorbonne", 1979)
- France: MHN-Paris - Type: T: 170.235 (don. P Bariand)

Chessexite

Sarp H, Deferne J: Schweiz.Min.Petr.Mitt.(1982) 62, 337-341

France - Bourgogne - Saône-et-Loire dép. - Maine fluorite-mine near Autun

- Switzerland: MHN-Genève - Type: HT: 435/70 (25g)

Chesterite

Veblen DR, Buseck PR, Burnham CW: Science (1977) 198, 359

USA - Vermont - Windsor County - Chester (near) - Carleton talc quarry

- USA: HMM-Cambridge - Type: HT: 134079 (field collected by D Veblen)
- USA: NMNH-Washington - Type: T: 145689 (on same specimen with types of Jimthompsonite and Clinojimthompsonite)
- Canada: ROM-Toronto - Type: T: M36083 (few g)

Compare same authors in: Amer.Min.(1978) 63, 100-109 and 1053-1073.

Chestermanite

Erd RC and Foord EE: Can.Min.(1988) 26, 911-915

USA - California - Fresno County - Twin Lake region

- USA: NMNH-Washington - Type: HT: 160270

Chevkinite-(Ce)

Rose G: Annal.Physik.Chemie,(Poggendorf),(1839) 48, 551

Russia - Ural (S) - Chelyabinsk Oblast - Miass - Ilmeny Mts.

- France: MHN-Paris - Type: HT/CT: 115105 (part of.)/98965 (chem.)

From syenite

Chiavennite

Bondi M, Griffin WL, Mattioli V, Mottana A: Amer.Min.(1983) 68, 623-627

Italia - Lombardia - Sondrio - Chiavenna (near) - Val San Giacomo (first TL)

- Italy: MMURo-Roma - Type: T: 24342 (In alpine pegmatites, coating beryls)
- USA: NMNH-Washington - Type: 159917

Norway - Telemark - Porsgrunn - Blåfjell - Langangen

- Norway: MGMU-Oslo - Type: CT: 22090, 22091

Chinglusuite

Gerasimovskii VI: Izv.Akad.Nauk.SSSR,ser.geol.(1938) p153

Russia - Kola Peninsula - Lovozero massif - Chinglusuai river

- Russia: VGM-Moscow - Type: T: 18771 (Gerasimovsky 1940)
- Russia: VGM-Moscow - Type: T: 18771 (Gerasimovsky 1940)

Amorphous. Not approved by CNMMN

Chiolite

Hermann R, Auerbach J: J.prakt.Chem.(1846) 37, 188

Russia - Ural-S - Chelyabinsk Oblast - Miass (near) - Ilmeny Mts.

- Russia: VGM-Moscow - Type: HT: 18270,18271 (Hermann 1846)

In granite with topaz, fluorite, phenakite and cryolite

Chkalovite

Gerasimovskii VI: DAN-SSSR,(1939) 22, 259-263

Russia - Kola Peninsula - Lovozero massif - Malyi Punkaruaiv Mt.

- Russia: FMM-Moscow - Type: T: 40001
- Russia: VGM-Moscow - Type: T: 18767 (Gerasimovsky 1940)

Chladniite

McCoy TJ, Steele IM, Keil K, Leonard BF, Endreß M: Amer.Min.(1994) 79, 375-380

Meteorite-USA - Texas, Hamilton County, Carlton (near) - Meteorite Carlton - Iron, Octahedrite, IIICD

- USA: NMNH-Washington - Type: HT: USNM 2707 (thin section)

Chladniite occurs as a single grain (175 x 975 µm) in a silicate bearing inclusion

Chloraluminite

Scacchi A: Atti R.Accad.Sci.fis.mat., Napoli (1874) 6, n. 9, 43

Italia - Campania - Napoli - Vesuvio, Monte Somma

- France: MHN-Paris - Type: T: 107480 (conservation in a sealed glass by A. Lacroix, today liquefied in parts)

Eruption of April 1872

Chlorartinite

Vergasova LP, Filatov SK, Serafimova EK, Sergeeva SV: ZVMO,(1998) 127, n.2, 55-59

Russia - Kamchatka - Tolbachik great fissure eruption 1975-1976, exhalation sediments

- Russia: MM-St.Petersburg - Type: T:

Chlormagaluminite

Kashaev AA, Feoktistov GD, Petrova SV: ZVMO,(1982) 111, 121-127

Russia - Irkutskaya Oblast - Kapaevskaya pipe, Angara river basin

- Russia: FMM-Moscow - Type: T: 82771

In skarns from the Kapaev explosion pipe, southern Siberian Platform. TL in orig. publ. = S-Siberia

Chlor-manasseite

Allmann R, Lohse H-H: Neues Jahrb.Min.,Mh.(1966) 161-181

Germany - Niedersachsen - Hannover - Volpriehausen - Justus I mine

- Germany: MMM-Marburg - Type: CT:

Alterations product of koenenite.

Chlormanganokalite

Johnston-Lavis HJ: Nature (1906) 74, 104

Italia - Campania - Napoli - Vesuvio, Monte Somma

- France: MHN-Paris - Type: CT: 106.340 (conservation in a sealed glass by A. Lacroix) and 106.341 (fragments up to 5x6x4cm, with Sylvite)
- United Kingdom: NHM-London - Type: CT: BM 1907,191/3

Chloromenite

Vergasova LP, Krivovichev S, Semenova T, Filatov S, Ananiev V: Eur.J.Min.(1999) 11, 119-123

Russia - Kamchatka - Tolbachik Main fracture eruption (1975-1976) - "New" fumarole on the west border of the 2nd North Breakthrough slag cone

- Russia: MM-St.Petersburg - Type: T:
- Russia: UDG-St.Petersburg - Type: T:

Chlorophoenicite

Foshag WF and Gage RB: Journ. Washington Acad.Sci.(1924) 14, 362-363

USA - New Jersey - Sussex County - Franklin Furnace

- United Kingdom: NHM-London - Type: CT: BM 1925,501/2
- USA: NMNH-Washington - Type: T: 094964 (don. RB Gage, 1924)

Chloroxiphite

Spencer LJ: Min.Mag.(1923) 20, 67-92 (the mineral 75-77)

Great Britain - England - Somerset - Mendip Hills, Priddy - Higher Pitts Farm

- United Kingdom: NHM-London - Type: HT: BM 1923,712-717

Choloalite

Williams SA: Min.Mag.(1981) 44, 55-57

Mexico - Sonora - Municipio de Moctezuma - Moctezuma - Bambollita mine (now La Oriental mine)

- France: MHN-Paris - Type: T: (don. SA Williams)
- United Kingdom: NHM-London - Type: CT: BM 1980,548

Chrisstanleyite

Paar WH, Roberts AC, Criddle AJ, Topa D: Min.Mag.(1998) 62, 257-264

Great Britain - Devon - Torquai - Tor Bay (N) - Hope's Nose (N58 28', E3 28')

- Austria: MIU-Salzburg - Type: HT/CT: II/A 1070
- United Kingdom: NHM-London - Type: CT: BM 1997/59 (4 pol. sections: E.1527, 1534, 1537 and 1538)

Christelite

Schlüter J, Klaska K-H, Adiwidjaja G, Gebhard G: Neues Jahrb.Min.,Mh.(1996) 188-192

Chile - Antofagasta - Antofagasta (NE of) - Sierra Gorda - San Francisco mine

- Germany: MMUH-Hamburg - Type: HT: ?

Christite

Radtke AS, Dickson FW, Slack JF, Brown KL: Amer.Min.(1977) 62, 421-425

USA - Nevada - Eureka County - Elko (50km NW of) - Carlin gold mine

- USA: NMNH-Washington - Type: T: 144272/3 (don. U.S.Geol.Surv., AS Radtke, 1978)

Chromatite

Eckhardt FJ and Heimbach W: Naturwiss.(1963) 50, 612

Israel - Jerusalem-Jericho Highway (from cleft surfaces in Upper Cretaceous limestones)

- Israel: GSI-Jerusalem - Type: CT: SG 232, SG 236, SG 261, SG 571

Chrombismite

Zou Xinchun, Yan Jincui, Wang Guanxin, Wang Shizhong, Liu Liang, Shu Guiming: Can.Min.(1997) 35, 35-38

China - Shaanxi Province - Luonan County - Jialu gold mine

- China: NMG-Beijing - Type: HT:

Chromceladonite

Pekov IV, Chukanov NV, Rumiantseva EV, Kabalov YuK, Schneider Yu, Ledeneva NV: ZVMO (2000) 129/1, 38-44

Russia - Karelia A.R. (S of) - Srednyaya Padma U-V-deposit

- Russia: FMM-Moscow - Type: T:

Chromdravite

Rumantseva EV: ZVMO,(1983) 112, 222-226

Russia - Karelia A.R. - Onega basin - Zaonezhsky Peninsula

- Russia: FMM-Moscow - Type: T: 82811
- Russia: MM-St.Petersburg - Type: T: 1239/1

In micaceous metasomites

Chromferide

Novgorodova MI, Gorshkov AI, Trubkin NV, Tsepin AI, Dimitrieva MT: ZVMO,(1986) 115, 355-360

Russia - Ural-S - Orenburg Oblast - Orsk (110km E of) - Kumak

- Russia: FMM-Moscow - Type: (not confirmed)

Hydrothermal

Chromphyllite

Reznitsky LZ, Sklyarov EV, Ushchapovskaya ZF, Nartova NV, Evsyunin VG, Kashaev AA, Suvorova LF: ZVMO,(1997) 126, n2, 110-119

Russia - Irkutskaya Oblast - Slyudyanka town - Kaber's pit, left bank of the Pokhabikha River valley

- Russia: FMM-Moscow - Type: T:

Chudobaite

Strunz H: Neues Jahrb.Min.,Mh.(1960) 1-7

Namibia - Otavi - Tsumeb (1000m level, second oxidation zone)

- France: ENSM-Paris - Type: CT:
- Germany: IMK-TU-Berlin - Type: HT,CT: 86/66 (cryst. of 5mm), 86/65 (spec. 3xx up to 4mm)
- USA: NMNH-Washington - Type: T: 162628 (don. H. Strunz)

Chukhrovite-(Ce)

Novikova MI: ZVMO (1973) 102/2, 200-202

Russia - Primorskiy Kray - Khanka Lake (50km S of) - Yaroslavkoye tin deposit

- Russia: VIMS-Moscow - Type::

Chukhrovite-(Y)

Ermilova LP, Moleva VA, Klevtsova RF: ZVMO,(1960) 89, 15-25

Kazakhstan - Bet-Pak-Dal desert - Kara-Oba W-Mo-deposit

- USA: NMNH-Washington - Type: T: 144183

Original named Chukhrovite

Chursinite

Vasil'ev VI, Lavrent'iev YuG, Pal'chik NA: ZVMO,(1984) 113, 341-347

Kyrgystan - Khaidarkan Sb-Hg-deposit (N39 58', E71 15')

- Russia: CSGM-Novosibirsk - Type::

In oxidized complex Sb-As-Hg ores

Chvaleticeite

Pasava J, Breiter K, Huka M, Korecky J: Neues Jahrb.Min.,Mh.(1986) 121-125

Czech Republic - Vychodočesky (Eastern Czechy) - Chvaletice (in pyrite-manganese ores)

- Czech Republic: GSCR-Praha - Type: HT:

Chvilevaite

Kachalovskaya VM, Osipov BS, Nazarenko NG, Kukeov VA, Mazmanyay AO, Egorov IN, Kaplunnik LN:
ZVMO,(1988) 117, 204-207

Russia - Chita Oblast - Transbaikalia - Akatui deposit

- Russia: FMM-Moscow - Type: T: 88050

In sphalerite samples

Cianciulliite

Dunn PJ, Grice JD, Criddle AJ, Stanley CJ: Amer.Min.(1991) 76, 1708-1710 and 1711-1714

USA - New Jersey - Sussex County - Franklin

- Canada: CMN-Ottawa - Type: HT (part of): CMN 56469 (2xx, 0.1mm each)
- USA: NMNH-Washington - Type: HT: M03074 (cit. Dunn et al. 1991)

Ciprianiite

Della Ventura G, Bonazzi P, Oberti R, Ottolini L: Amer.Min.(2002) 87, 739-744

Italia - Viterbo - Vetrella (near), Vico volcanic complex - Tre Croci (in a syenitic ejectum)

- Italy: MMUFI-Firenze - Type: HT: 2771/RI

Clairite

Martini JEJ: Ann.Geol.Survey S.Africa,(1983) 17, 29-34

South Africa - Eastern Transvaal - Sabie District - Lone Creek Falls cave

- South Africa: GSM-Pretoria - Type: T:

a supergene oxidation product

Claraite

Walenta K, Dunn PJ: Chemie der Erde,(1982) 41, 97-102

Germany - Baden-Württemberg - Schwarzwald - Kinzigtal, Oberwolfach - Clara mine

- USA: NMNH-Washington - Type: HT: 148464

Claringbullite

Fejer EE, Clark AM, Couper AG, Elliot CJ: Min.Mag.(1977) 41, 433-436

Zambia - Copper Belt - Chingola - N'changa open pit

- United Kingdom: NHM-London - Type: HT: BM 1976,109
- USA: NMNH-Washington - Type: T: 145660 (don. S Korowski, 1979; "possible type")

Clarkeite

Ross CS, Henderson EP, Posnjak E: Amer.Min.(1931) 16, 213-220

USA - North Carolina - Mitchell County - Spruce Pine - Deer Park mine

- USA: NMNH-Washington - Type: T: 096510 (don. CS Ross, 1931) and R06607 (don. BC Burgess, thru Roebbling coll., 1927)

Clearcreekite

Roberts AC, Groat LA, Raudsepp M, Ercit TS, Erd RC, Moffatt EA, Stirling JAR: Can.Min.(2001) 39, 779-784

USA - California - San Benito County - New Idria district - Clear Creek mercury mine (N36 22'59", W120 43'58")

- Canada: GSC-Ottawa - Type: HT: NMCC 68074

Cliffordite

Gaines RV: Amer.Min.(1969) 54, 697-701

Mexico - Sonora - Municipio de Moctezuma - Moctezuma - San Miguel mine

- France: MHN-Paris - Type: CT: 175.83 and 180.61 (don. RV Gaines)
- USA: NMNH-Washington - Type: T: 120246, 164341/2 (don. RV Gaines, 1967 and 1987)

Clinoatacamite

Jambor JL, Dutrizac JE, Roberts AC, Grice JD, Szymanski JT: Can.Mineral.(1996) 34, 61-72

Chile - Antofagasta - Chuquicamata

- Canada: ROM-Toronto - Type: T: M32176

And from other localities - on museum specimens

Clinobehoite

Voloshin AV, Pakhomovskii YaA, Rogachev DL, Nadezhina TN, Pushcharovskii DYU, Bakhchisaraitsev AYU: Mineral.Zhurn.(1989) 11, 88-95

Russia - Ural-Mid. - Yekatrinnburg Oblast - Asbest - Izumrudnye Kopi group of deposits

- Russia: FMM-Moscow - Type: T: (no number)

In hydrothermal altered zones of desilicated pegmatites

Clinobisvanite

Bridge PJ and Pryce MW: Min.Mag.(1974) 39, 847-849

Australia - Western Australia (NW) - Yinnietharra (S24 32', E116 10')

- USA: NMNH-Washington - Type: T: 127456
- Australia: WAM-Perth - Type: HT: MDC 5144 (stains)

Clinocervantite

Basso R, Lucchetti G, Zefiro L, Palenzona A: Eur.J.Min.(1999) 11, 95-100

Italia - Toscana - Siena - Rosia (near), Siena (ca. 20km SW of - Le Cetine mine

- Italy: IMUGe-Genova - Type: HT:

Clinoclase

Breithaupt A: Uebers.Min.,Syst.(1830) p. 8

Great Britain - England - Cornwall - Truro (W of) - St Day, Wheal Gorland

- France: MHN-Paris - Type: T: H5104 and 52.70 (= "4th arsenate of Cu" after de Bournon 1801, don. de Bournon)

Clinoferrosilite

Bowen NL: Amer.J.Sci.(1935) ser. 4, 30, 481-494

USA - Wyoming - Yellowstone National Park - Obsidian Cliff

- USA: NMNH-Washington - Type: T: 102793 (don. JP Iddings, 1936)

Clinohedrite

Penfield SL And Foote HW: Amer.J.Sci., ser. 4 (1898) 5, 289

USA - New Jersey - Sussex County - Franklin - Trotter mine, Parker shaft

- USA: HMM-Cambridge - Type: T: 131872 (EP Hancock coll., 1916)

Clinoholmquistite

Ginzburg IV: Trans.Min.Mus.Acad.Sci.USSR (1965) 16, 73-80

Russia - Republic of Tuva (SE) - Tastyg spodumene-deposit

- Russia: FMM-Moscow - Type: T: 67493

Clinohumite

Des Cloizeaux A: Phil.Mag.,London (1876) 2, 286

Italia - Campania - Napoli - Vesuvio, Monte Somma

- France: MHN-Paris - Type: T: 106.395 and 106.556 (coll. A Des Cloizeaux)

Clinojimthompsonite

Veblen DR, Buseck PR, Burnham CW: *Science* (1977) 198, 359

USA - Vermont - Windsor County - Chester (near) - Carleton talc quarry

- USA: HMM-Cambridge - Type: HT: 134079 (field collected by D Veblen)
- USA: NMNH-Washington - Type: T: 145689 (on same specimen with types of Chesterite and Jimthompsonite)
- Canada: ROM-Toronto - Type: T: M36083 (few g)

Compare same authors in: *Amer.Min.*(1978) 63, 100-109 and 1053-1073.

Clinokurchatovite

Malinko SV, Pertsev NN: *ZVMO*,(1983) 112, 483-487

Kazakhstan - Balkhash region - Sayak-IV deposit

- Russia: FMM-Moscow - Type: T:

Russia - Buryatskaya A.R. - Solongo skarn deposit

- Russia: FMM-Moscow - Type: T: 82777

Clinomimetite

Yongshan Dai, Hughes JM, Moore PB: *Can.Min.*(1991) 29, 396-376

Germany - Sachsen - Erzgebirge - Johanngeorgenstadt

- USA: NMNH-Washington - Type: CT: B13647

Clinophosinaite

Khomyakov AP, Pushcharovskii DYu, Ronsbo JG: *ZVMO*,(1981) 110, 351-355

Russia - Kola Peninsula - Khibiny massif - Yukspor (dumps) and Koashva Mt. (in drill cores)

- Russia: FMM-Moscow - Type: T: 81592

Clinoptilolite

Schaller WT: *Amer.Min.*(1923) 8, 93-94

USA - Wyoming - Hoodoo Mountains

- United Kingdom: NHM-London - Type: CT: BM 1939,314

Compare B Mason and LB Sand in: *Amer.Min.*(1960) 45, 341-350

Clinosafflorite

Radcliffe D, Berry LG: *Can.Min.*(1971) 10, 877-881

Canada - Ontario - Cobalt

- Canada: QU-Kingston - Type: T: 1B20 (don. Radcliffe and Berry)

Intergrown with skutterudite.

Clinotobermorite

Henmi C, Kusachi I: *Min.Mag.*(1992) 56, 353-356

Japan - Honshu - Okayama Pref. - Bicchu township - Fuka mine (N43 46', E133 26')

- Japan: NSM-Tokyo - Type: T: M-25902

Coalingite

Mumpton FA, Jaffe HW, Thompson CS: *Amer.Min.*(1965) 50, 1893-1913

USA - California - Fresno County - Coalinga (near) - New Idria serpentinite (in the surface weathering zone of the)

- USA: NMNH-Washington - Type: T: 119335 (don. HW Jaffe, 1966)

Cobaltaustinite

Nickel EH and Birch WD: *Austral.Mineral.*(1988) 3, 53-57

Australia - South Australia - Mingary (42km N of) - Dome Rock Cu-deposit (S31 52', E140 24')

- Australia: MOV-Melbourne - Type: HT: M32459
- Australia: WAM-Perth - Type: CT: M73.1991

Cobaltkoritnigite

Schmetzer K, Horn W, Medenbach O: Neues Jahrb.Min.,Mh.(1981) 257-266

Germany - Sachsen - Erzgebirge - Schwarzenberg-Fürstenberg area

- Germany: MPI-Heidelberg - Type: CT: (coll. K. Schmetzer)
- USA: NMNH-Washington - Type: CT: 148979

Second TL in Hessen, Germany. Original publication: Kobaltkoritnigite.

Cobaltlotharmeyerite

Krause W, Effenberger H, Bernhardt H-J, Martin M: Neues Jahrb.,Mh.(1999) 505-517

Germany - Sachsen - Schneeberg (4.8km SW of) - Am Roten Berg

- Germany: BAF-Freiberg - Type: T: 79273/4

It has been also identified on dumo material from the Rappold mine and the Pucher mine, both near Schneeberg.

Cobaltneustädtelite

Krause W, Bernhardt HJ, McCammon C, Effenberger H: Amer.Min.(2002) 87, 726-738

Germany - Sachsen - Schneeberg-Neustädtel (near) - Güldner Falk mine (on dumps)

- Germany: SMMG-Dresden - Type: T: 18328 and 18329

Cobalttsumcorite

Krause W, Bernhardt H-J, Effenberger H, Martin M: Neues Jahrb.,Mh.(2001) 558-576

Germany - Sachsen - Schneeberg-Neustädtel - Am Roten Berg

- Germany: BAF-Freiberg - Type: T: 80100

Cobaltzippeite

Frondel C, Ito J, Honea RM, Weeks AM: Can.Min.(1976) 14, 429-436

USA - Utah - San Juan County - White Canyon District - Happy Jack mine

- United Kingdom: NHM-London - Type: HT (part of): BM 1981,537/8

Coconinoite

Young EJ, Weeks AD, Meyrowitz R: Amer.Min.(1966) 51, 651-663

USA - Arizona - Coconino County - Sun Valley mine

- France: MHN-Paris - Type: T: 175.303 (part of NMNH no. 119772)
- USA: NMNH-Washington - Type: T: 119772 (don. U.S.Geol.Surv., EJ Young, 1966)

Coffinite

Stieff LR, Stern TW, Sherwood AM: Science (1955) 121, 608-609

USA - Colorado - Mesa County - Gateway (near), Lumbsden Canyon (at the head of) - La Sal no. 2 mine

- United Kingdom: NHM-London - Type: CT: BM 1956,201
- USA: NMNH-Washington - Type: T: 112646 (don. U.S.Geol.Surv., 1956)

Comancheite

Roberts AC, Ansell HG, Dunn PJ: Can.Min.(1981) 19, 393-396

USA - Texas - Brewster County - Terlingua District - Mariposa mine

- Canada: GSC-Ottawa - Type: CT: 14608 (25mg)
- USA: NMNH-Washington - Type: CT: 150760 (don. DH Wilson, 1980)

Combeite

Sahama T, Hytönen K: Min.Mag.(1957) 31, 503-510

Zaire - Kivu - Rutshuru - Mount Shaheru (volcano Nyiragongo)

- Belgium: MRAC-KMMA-Tervuren - Type: CT: RGM 8.037
- United Kingdom: NHM-London - Type: CT: 1957,703
- USA: NMNH-Washington - Type: T: 142.981 AO

Comblainite

Piret P, Deliens M: Bull.Minéral.(1980) 103, 113-117

Zaire - Shaba - Likasi - Shinkolobwe uranium mine

- Belgium: MRAC-KMMA-Tervuren - Type: HT: RGM 2.224 (a few mg)
- USA: NMNH-Washington - Type: T: 147.188

Compreignacite

Protas J: Bull.Soc.fr.Min.Crist.(1964) 87, 365-371

France - Limousin - Haute Vienne dép. - Compreignac - Margnac (U-deposit)

- France: ENSM-Paris - Type: CT:
- USA: NMNH-Washington - Type: CT: 165183

Conichalcite

Breithaupt A, Fritzsche CJ: Annal.Phys.Chem.(Poggendorf)(1849) 77,127

*Spain - ****Andalucía - Cordoba Province - Hinojosa del Duque*

- Germany: BAF-Freiberg - Type: HT: 21297 (1 sample)

Coombsite

Samashima T and Kawachi Y: New Zealand J.Geol.Geophys.(1991) 34, 329-335

New Zealand - SW-Island - Otago (SE of) - Watsons Beach (S46 15', E170 10')

- New Zealand: MGDU-Otago - Type: HT:
- USA: NMNH-Washington - Type: CT:

Cooperite

Wartenweiler F, Cooper RA: Journ.Chem.Metall.Mining Soc.S.Africa,(1928) 28, 281-283

South Africa - Northwestern Transvaal - Rustenburg District - Rustenburg deposit

- United Kingdom: NHM-London - Type: CT: BM 1939,966

found in a platiniferous norite from the Bushfield Complex

Coparsite

Starova GL, Krivovichev SV, Filatov SK & Vergasova LP, Starova GL, Krivovichev SV, Filatov SK, Ananiev VV:

Zeitschr.Krist.(1998) 213, 650-653 & Can.Min.(1999) 37, 911-914

Russia - Kamchatka - North Breach of the great fissure Tolbachik eruption 1975-1976, in the fumarole "Yadovitaya" (= "Poisonous")

- Russia: MM-St.Petersburg - Type: T: 3107/2

The grains of Coparsite are found as small black inclusions in emerald green Euchlorine.

Coquandite

Sabelli C, Orlandi P, Vezzalini G: Min.Mag.(1992) 56, 599-603

Italia - Toscana - Siena - Rosia (near), Siena (ca. 20km SW of) - Le Cetine mine

- Italy: MMUFI-Firenze - Type: HT: 1761/I
- Italy: MSNU-Pisa - Type: CT:

Two other type localities are the Pereta mine, Scansano, SE Grosseto, Toscana, Italy and Lucky Knock mine, Tonasket, Okanogan County, Washington, USA

Coquimbite

Breithaupt A: Vollst.Handb.Mineral.(1841) 2, 100

Chile - Atacama - Copiapo (SE of), Tierra Amarilla - Coquimbo

- Germany: BAF-Freiberg - Type: T: 18558 (don. H Rose, 1833 as "neutrales schwefelsaures Eisenoxyd")

Corderoite

Foord EE, Berendsen P, Storey LO: Amer.Min.(1974) 59, 652-655

USA - Nevada - Humboldt County - Opalite mining district - McDermitt mercury deposit (= old Cordero mine)

- USA: NMNH-Washington - Type: T: 133354 (don. EE Foord, 1974)

Cordylite-(Ce)

Flink G: Meddr Gronland,(1899) 24, p. 42

Greenland - South Greenland - Igaliko (Igaliku) - Tunugdliarfik (Tunulliarfik) - Narssârssuk

- Denmark: GMK-Copenhagen - Type: CT (crist.): (Several crystals and one polished prism)

The analysis have $La > Ce$

Cornetite

Cesaro G: Ann.Soc.Géol.Belg.(1911) C 41, 39

Zaire - Shaba - Lumbashi - Star of the Congo mine

- Belgium: ULG-Liège - Type: HT: 9.130 to 9.133

Cornubite

Clairingbull GF, Hey MH, Davis RJA: Min.Mag.(1959) 32, 1-5

Great Britain - England - Cornwall - Camborne - Gwinear, Wheal Carpenter

- United Kingdom: NHM-London - Type: HT: BM 1964R,8650

Cornwallite

Zippe FXM: Abhandl.böhm.Ges.Wiss.(Prag), 5th ser. (1846) 4, 649

Great Britain - England - Cornwall - Truro - Wheal Gorland

- United Kingdom: NHM-London - Type: CT: MI 1754

Coronadite

Lindgren W and Hillebrand WF: Am.Journ.Sci.(1904) ser.4, 18, 448-460

USA - Arizona - Greenlee County - Clifton-Morenci district - Coronado vein

- USA: NMNH-Washington - Type: T: 086040 (don. U.S.Geol.Surv., W Lindgren, 1906) and R02012 (don. WF Hillebrand, thru Roebling coll., 1927)

Corvusite

Henderson EP and Hess FL: Amer.Min.(1933) 18, 195-205

USA - Utah - Grand County - La Sal Mountains - Jack Claim

- USA: NMNH-Washington - Type: CT: 096806 (don. FL Hess, 1932)

USA - Colorado - San Miguel County - Gypsum Valley (N of) - Ponto no. 3 claim (second TL)

- USA: NMNH-Washington - Type: T: 096807 (don. FL Hess, 1932)

Coskrenite-(Ce)

Peacor DR, Rouse RC, Essene EJ: Can.Min.(1999) 37, 1453-1462

USA - Tennessee - Great Smoky Mountains National Park - Alum Cave Bluff

- USA: UM-Ann Arbor - Type: T:
- USA: NMNH-Washington - Type: T:

Found in the soil and on the ceiling of a rock shelter, a product of weathering of pyritic phyllite.

Costibite

Cabri LJ, Harris DC, Stewart JM: Amer.Min.(1970) 55, 10-17

Australia - New South Wales - Broken Hill - Consols lode (S31 58', E141 30')

- USA: NMNH-Washington - Type: T: R00849AO (with type willyamite)

Cowlesite

Staples LW, Evans HT, Lindsay JR: Amer.Min.(1975) 60, 951-956

USA - Oregon - Columbia County - Goble area (blades in basalt)

- USA: NMNH-Washington - Type: T: 135026 (don. WS Wise, 1976)

Coyoteite

Erd RC and Czamanske GK: Amer.Min.(1983) 68, 245-254

USA - California - Humboldt County - Orick (16 mls SW of) - Coyote Peak diatreme

- USA: NMNH-Washington - Type: T: 150335 (don. U.S.Geol.Surv., RC Erd, 1983)

Crandallite

Loughlin GF and Schaller WT: Amer.J.Sci.(1917) ser. 4, 43, 69-74

USA - Utah - Juab County - Silver City (2km SW of), Tintic District - Brooklin mine dump

- USA: NMNH-Washington - Type: T: R05641 (don. WT Schaller, thru Roebling coll., 1927)

Crawfordite

Khomyakov AP, Polezhaeva LI, Sokolova EV: ZVMO,(1994) 123, n3, 107-111

Russia - Kola Peninsula - Khibiny massif - Koashva Mt.

- Russia: FMM-Moscow - Type: T: 1334/1, r1346/1

In ultraalpaite pegmatites

Creaseyite

Williams SA and Bideaux RA: Min.Mag.(1975) 40, 227-231

USA - Arizona - Pinal County - Tiger - Mammoth-St.Anthony mine

- USA: HMM-Cambridge - Type: CT: 117000 (don RA Bideaux, 1980)
- USA: NMNH-Washington - Type: CT: 147661 (don RA Bideaux, 1980)
- France: MHN-Paris - Type: T: 18086 (don. SA Williams)

Mexico - Sonora - Municipio de Caborca - Heroica Caborca (second TL)

- United Kingdom: NHM-London - Type: CT: BM 1976,412

Creedite

Larsen ES and Wells RC: Proc.Nat.Acad.Sci.(1916) 2, 360-365

USA - Colorado - Creede Quadr. - Wagon Wheel Gap - Fluorite-barite mine

- USA: HMM-Cambridge - Type: T: 81273 (don. ES Larsen)
- USA: NMNH-Washington - Type: T: 093117 (don. U.S.Geol.Surv., 1916) and C01034 (Canfield coll.)

Crerarite

Cook NJ, Wood SA, Gebert W, Bernhardt H-J, Medenbach O: Neues Jahrb.Min.,Mh.(1994) 567-575

Canada - Quebec - Abitibi-Temiscaminque - Guillet Township, near the village of Belleterre - Lac Sheen (N of), Cu-Ni-deposit (N47 30', W78 20')

- Germany: MMU-Würzburg - Type: CT: M2897 a/b
- Canada: ROM-Toronto - Type: CT: M46005,6,7

Crichtonite

De Bournon JL: Catal.Collect.mineral.particul.Roi,(1813) p.430

France - Rhône-Alpes - Isère dép. - Dauphiné - St.Christophe near Bourg d'Oisans

- France: MHN-Paris - Type: HT: 26.47

Criddleite

Harris DC, Roberts AC, Laflamme JHG, Stanley CJ: *Min.Mag.*(1990) 52, 691-697

Canada - Ontario - Lake Superior (NE shore of) - Marathon (35km E of) - Hemlo gold deposit

- Canada: GSC-Ottawa - Type: CT: ?
- United Kingdom: NHM-London - Type: HT (part of): BM 1987,351

In cores from 4 drill holes.

Cristobalite

Vom Rath G: *Jb. Mineral.*(1877) 1, 198

Mexico - Hidalgo - Municipio de Pachuca - Pachuca (near) - Cerro San Cristobal

- France: MHN-Paris - Type: T: 107.943 (don. G vom Rath)

Crocoite

Beudant FS: *Traité élément. Mineral.*(1832) 2, 669

Russia - Ural-Mid. - Yekatrinnburg (18 km NE of) - Berezovskoye deposit

- France: MHN-Paris - Type: CT: CT-chem: Vauquelin* 1797; CT-cryst: Häüy, many crystals

*Crystals in Quartz veins, * on this material he discovered the element chromium*

Cronusite

Britvin SN, Guo XY, Kolomensky VD, Boldyreva MM, Kretser YL, Yagovkina MA: *ZVMO* (2001) 130/3, 29-36

Meteorite-USA - Kansas, Norton County (N39 41', W99 52') - Meteorite Norton County - Stone, Enstatite

Achondrite, Aubrite

- Russia: UDG-St.Petersburg - Type: T: M-275/1

Crossite

Palache C: *Bull.Dept.Geol.Univ.Calif.*(1894) 1, 181-192

USA - California - Alameda County - Berkeley (N of), Berkeley Hills - Saddle Peak

- USA: NMNH-Washington - Type: T: 166511/2 (U.S.Geol.Surv., WT Schaller and other sources)

Cryolite

Abilgaard PC: *Scherer's Allg. Journal D. Chemie*,(1799) 2, p. 502

Greenland - South Greenland - Ivigtut (Ivittuut) - Ivigtut Cryolite deposit / mine

- France: MHN-Paris - Type: CT: (P.C. Abilgaard/R.J. Häüy - "pour completment d'etude", no number)

Cryolithionite

Ussing NV: *Overs.K.D.Vid.Selsk.Forh.*(1904) 1, p. 3

Greenland - South Greenland - Ivigtut (Ivittuut) - Ivigtut Cryolite deposit / mine

- Denmark: GMK-Copenhagen - Type: CT (chem., crist.): (2 polished prisms, vial with fragments and vial with powder)

Cualstibite

Walenta K: *Chemie der Erde*,(1984) 43, 255-260

Germany - Baden-Württemberg - Schwarzwald - Kinzigtal, Oberwolfach - Clara mine

- Germany: IMKU-Stuttgart - Type: T:

Cubanite

Breithaupt A: *Ann.Phys.Chem.*; Poggendorff (1843) 59, 325

Cuba - Barracanao

- Germany: BAF-Freiberg - Type: HT: 5467 (don. Mr. Ihle, 1843 as "marcasites cubanus")

Cumengeite

Mallard E: Bull.Soc.fr.Min.Crist.(1893) 16, 184

Mexico - Baja California Sur - Municipio de Mulege - Santa Rosalia (near) - Boleo mining district, Amelia mine, Cumenge shaft

- France: MHN-Paris - Type: T: 93.250/2 (95.98ff)

Cupalite

Razin LV, Rudashevskij NS, Vyaslov LN: ZVMO,(1985) 114, 90-100

Russia - Kamchatka - Koryak Upland - Khatyrka river - Listvenitovy stream

- Russia: MM-St.Petersburg - Type: T: 1688/1

In alluvial deposits from ultrabasic rocks

Cuprite

Haidinger W: Handb.bestimm.Min.(1845) p. 548

Germany - Sachsen - Freiberg (near) - Halsbrücke

- Germany: BAF-Freiberg - Type: T: 27612 (very old specimen)

Renaming the "Kupferblüthe" of Emmerling (1796).

Cuprobismutite

Hillebrand WF: Amer.J.Sci.(1884) ser. 3, 27, 349-358 (p. 355)

USA - Colorado - Park County - Hall Valley - Missouri mine

- USA: HMM-Cambridge - Type: T: 94989
- USA: NMNH-Washington - Type: T: 092902 (U.S.Geol.Surv., 1915; on the same specimen with the Berryite type)

Cuproiridsite

Rudashevskii NS, Men'shikov YuP, Mochalov AG, Trubkin NV, Shumskaia NI, Zhdanov VV: ZVMO,(1985) 114, 187-195

Russia - Khabarovsk Territory - Konder and Chad massifs

- Russia: MM-St.Petersburg - Type: T: 1686/1

From alluvial deposits. 2nd TL in Kamchatka-N.

Cupropavonite

Karup-Moller S and Makovicky E: Bull.Min.(1979) 102, 351-367

USA - Colorado - San Juan County - Poughkeepsie Gulch Alaska mine

- USA: PSU-University Park - Type: HT: 1124 [?]

Cuprorhodsite

Rudashevskii NS, Men'shikov YuP, Mochalov AG, Trubkin NV, Shumskaia NI, Zhdanov VV: ZVMO,(1985) 114, 187-195

Russia - Khabarovsk Territory - Chad massif

- Russia: MM-St.Petersburg - Type: T: 1685/1

From alluvial deposits. 2nd TL in Kamchatka-N.

Cuprorivaite

Minguzzi C: Periodico Min. Roma (1938) 9, 333-345

Italia - Campania - Napoli - Vesuvio, Monte Somma

- USA: NMNH-Washington - Type: T: 135505 (don. A Pabst, thru E Marselli, 1976)

Cuprosklodowskite

Buttgenbach H: Vaes JF in: Ann.Soc.Gèol.Belg.(1933) 56, B 331-332

Zaire - Shaba - Likasi - Kambove open pit

- Belgium: ULG-Liège - Type: HT: 16.655

Cuprospinel

Nickel EH: Can.Min.(1973) 11, 1003-1007

Canada - Newfoundland - Baie Verte (near) - Property of Consolidated Rambler Mines Ltd.

- USA: NMNH-Washington - Type: T: 128673

Intergrowth with hematite, found on an oxidized dump.

Cuprotungstite

Adam GJ: Tableau minéral.(1869) p. 32

Chile - Santiago - Santiago (near) - Llamuco (near), Copper mines

- France: MHN-Paris - Type: T: 69.47 (don. Domeyko, 1867)

Curetonite

Williams SA: Min.Rec.(1979) 10, 219-221

USA - Nevada - Humboldt County - Golconda (near) - "barite prospect" (sec. 12, T37N, R41E)

- France: MHN-Paris - Type: T: 18090 (don. SA Williams)
- United Kingdom: NHM-London - Type: CT: BM 1979,205
- USA: NMNH-Washington - Type: T: 145621 (don. F. Cureton)

Curienite

Cesbron F and Morin N: Bull.Soc.fr.Min.Crist.(1968) 91, 453-459

Gabon - Dept. Haut-Ogooué - Franceville - Mounana (U- and V-deposit)

- France: ENSM-Paris - Type: CT: (don. "Sorbonne", 1975)
- France: MHN-Paris - Type: T: 183.98

Curite

Schoep A: C.R.Acad.Sci.Paris,(1921) 173, 1186-1187

Zaire - Shaba - Likasi - Shinkolobwe uranium mine

- France: MHN-Paris - Type: CT: 121.248
- United Kingdom: NHM-London - Type: CT: 1924,337

Cuztците

Williams SA: Min.Mag.(1982) 46, 257-259

Mexico - Sonora - Municipio de Moctezuma - Moctezuma - Bambolla mine

- United Kingdom: NHM-London - Type: CT: BM 1984,467

Cyanochroite

Scacchi A: Mem. Incendio Vesuviano (1855) 191

Italia - Campania - Napoli - Vesuvio, Monte Somma

- France: MHN-Paris - Type: CT: 175.358 (coll. Vésigne: from A Scacchi thru R Palumbo; conservation in a sealed glass by A Lacroix)

From the saline crusts formed on the lavas during the eruption in 1855

Cyanophyllite

Walenta K: Chemie der Erde,(1981) 40, 195-200

Germany - Baden-Württemberg - Schwarzwald - Kinzigtal, Oberwolfach - Clara mine

- Germany: IMKU-Stuttgart - Type: T:

Cylindrite

Frenzel A: Neues Jb.Min.(1893) 2, 125

Bolivia - Oruro Dep. - Poopo

- United Kingdom: NHM-London - Type: HT (part of): BM 84255

Cymrite

Smith WC, Bannister FA, Hey MH: *Min.Mag.*(1949) 28, 676-681

Great Britain - Wales - Gwynedd - Rhiw - Benallt Mn-mine

- United Kingdom: NHM-London - Type: HT/CT: BM 1944,36 and BM 1944,48

Cyrlomite

Novotny M and Stanek J: *Acta Acad.Sci.Nat. Moravo-Silesiae* (1953) 25, 325-336

Czech Republic - Jihomoravsky (Southern Moravia) - Velke Mezirici (NNE of) - Cyrilov

- Czech Republic: MMBr-Brno - Type: HT: A6105 (5mg)