

Taaffeite

Anderson BW, Payne CJ, Hey MH: *Min.Mag.*(1951) 29, 765-772

Sri Lanka - Sri Lanka (very probably)

- United Kingdom: NHM-London - Type: HT: BM 1967,309

New definition by K Schmetzer in: Neues Jahrb.Min.,Abh.(1983) 146, 15-28

Tacharanite

Sweet JM, Bothwell DJ, Williams DL: *Min.Mag.*(1961) 32, 745-753

Great Britain - Scotland - Inverness-shire - Isle of Skye - Portree

- France: ENSM-Paris - Type: CT: (don. NHM-London, BM 1961,164)
- United Kingdom: NHM-London - Type: HT: BM 1961,163

Tadzhikite-(Ce)

Efimov AF, Dusmatov VD, Alkhazov VYu, Pudovkina ZG, Kazakova ME: *DAN-SSSR*,(1970) 195, 1190-1193

Tajikistan - Alai range - Dara-Pioz massif

- Russia: FMM-Moscow - Type::

In syenite, first described as Tadzikite

Taeniolite

Flink G: *Meddr Gronland*,(1899) 24, p. 115

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

- Denmark: GMK-Copenhagen - Type: CT (crist.): (Vials with crystals)
- France: MHN-Paris - Type: CT: (G. Flink)

Originally spelled tainiolite.

Taikanite

Kalinin VV, Dauletikulov AB, Gorshkov AI, Troneva NV: *ZVMO*,(1985) 114, 635-641

Russia - Khabarovsk - Taikan ridge ore deposit

- Russia: FMM-Moscow - Type::

In skarn

Taimyrite

Bezizov VD, Sluzhehikin SF - Begizov VD, Zav'yalov EN, Palov EG: *Trudy TSNIGRI*,(1976) 122, 107 -

ZVMO,(1982) 111, 78-83

Russia - Krasnoyarskiy Kray - Noril'sk - Talnakh deposit

- Russia: FMM-Moscow - Type::
- Russia: IGEM-Moscow - Type::

*Name by Taimyr peninsula in the NE of Noril'sk. * TSNIGRI = Central Geological Research Inst. Moscow.*

Takanelite

Nambu M and Tanida K: *J.Jap.Assoc.Min.Petr.Econ.Geol.*(1971) 65, 1-15

Japan - Ehime Prefecture - Nomura Mn-mine

- Japan: TU-Tohuko - Type: T:

Takanelite - a mixture (?)

Takedaite

Kusachi I, Henmi C, Kobayashi S: *Min.Mag.*(1995) 59, 549-552

Japan - Honshu - Okayama Pref. - Bicchu township (Bitchu) - Fuka mine

- USA: NMNH-Washington - Type: CT: 165482
- Japan: NSM-Tokyo - Type: T:

In gehlenite-spurrite skarn and crystalline limestone

Takeuchiite

Bovin JO, O'Keefe M: Amer.Min.(1980) 65, 1130-1133

Sweden - Värmland - Filipstad - Filipstad - Langban

- USA: NMNH-Washington - Type: HT: 138548

Takovite

Maksimovic Z: Zap.Srpskog.Geol. Društva za 1955 god. [=C.R.Soc. serbe Géol.

Yugoslavia - Serbia - Takovo

- USA: NMNH-Washington - Type: T: 136981 (don. Z Maksimovic, 1977)

Talmessite

Bariand P and Herpin P: Bull.Soc.fr.Min.Crist.(1960) 83, 118-121

Iran - Esfahan - Anarak (35 km W of) - Talmessi Cu-Ni-Co-mine

- France: ENSM-Paris - Type: CT: (don. "Sorbonne" no. 18125 of coll. P. Bariand)
- France: MHN-Paris - Type: T: 160.1 (don. P Bariand)
- United Kingdom: NHM-London - Type: T: BM 1962,281
- Canada: ROM-Toronto - Type: HT: M39652 (part of HT)

Talnakhite

Bud'ko IA, Kulagov EA: ZVMO,(1968) 97, 63

Russia - Krasnoyarskiy Kray - Noril'sk - Talnakh

- Canada: ROM-Toronto - Type: T: M29419 (<mg)
- USA: NMNH-Washington - Type: T: 121944 (LJ Cabri, St.Petersburg Min.Inst.)

Cabri LJ, Econ.Geol.(1967) 62, 910-925

Tamaite

Matsubara S, Miyawaki R, Tiba T, Imai H: J.Mineral.Petrol.Sci.(2000) 95, 79-83

Japan - Tokyo - Tama - Okutama (near) - Shiromaru mine

- Japan: NSM-Toyo - Type: T:

Tancoite

Ramik RA, Sturman BD, Dunn PJ, Povarennykh AS: Can.Min.(1980) 18, 185-190

Canada - Manitoba - Lac du Bonnet area - Bernic Lake (48km ENE of), Range 15, Township 17 - Bernic Lake, Tanco mine

- USA: HMM-Cambridge - Type: CT (part of): 117129 (don. ROM, by RA Ramik)
- Canada: MMUM-Winnipeg - Type: CT (part of): M5553/4
- United Kingdom: NHM-London - Type: CT (part of): BM 1980,52
- USA: NMNH-Washington - Type: T: 146248
- Canada: ROM-Toronto - Type: CT: M36416-M34418 (several mg)

Taneyamalite

Aoki Y, Isono K: J.Geol.Soc.Japan (1968) 74, 136 (unnamed)

Japan - Kyushu - Kumamoto Pref. - Taneyama mine

- USA: NMNH-Washington - Type: HT: 142945 (from Iwaizawa mine)
- Japan: NSM-Tokyo - Type: T: M-22088 (1 sample)

Matsubara S in: Min.Mag.(1981) 44, 51-53 naming the new species. Second TL = Honshu, Saitama Pref., Hanno city; Iwaizawa mine (near Agano, ~60 km NW of Tokyo)

Tanteuxenite-(Y)

Simpson ES: Journ.Roy.Soc.West. Australia (1928) 14, 45

Australia - Western Australia (NW) - Pilbara region - Cooglegong (S21 32', E119 21')

- France: MHN-Paris - Type: CT: 128.223 (ES Simpson)
- United Kingdom: NHM-London - Type: CT: BM 1928,304
- Australia: WAM-Perth - Type: HT: S392A

Tantite

Voloshin AV, Pakhomovskii YaA, Pertina GA: Min.Zhurnal,(1983) 5, n3, 90-93

Russia - Kola Peninsula - Voronya Tundra - Vasin Myl'k

- Russia: FMM-Moscow - Type: T:

In granite-pegmatites

Taramellite

Tacconi E: Atti R. Accad.Lincei.Rend.Cl.Sci.fis.mat.nat., Roma (1908) ser.5, 17, 810

Italia - Piemonte - Novara - Valle d'Ossola (lower) - Candoglia

- France: MHN-Paris - Type: T: 109.1005 (don. E Tacconi)

Taramite

Morozewicz J: Spraw.Polsk.Inst.Geol.(1923) 2, 6 and TMPM,(1925) 38, 210

Ukraine - Azov Sea - Mariupol district - Walitarama ravine

- France: MHN-Paris - Type: T: (don. J. Morozewicz)
- USA: NMNH-Washington - Type: T: R03259 (don. J. Morozewicz)

From nepheline-syenite

Tarbuttite

Spencer LJ: Nature (1907) 76, 215

Zambia - Central Prov. - Broken Hill (Kabwe)

- France: MHN-Paris - Type: T: 108.1886 (don. NHM-London; specimen found by PC Tarbutt)

Tatyanaite

Barkov AY, et al.: Eur.J.Min.(2000) 12, 391-396

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

- Germany: MMUH-Hamburg - Type: T:

Found in massive sulfide ore from the Oktyabr'skoye deposit, Noril'sk complex, Russia.

Tausonite

Vorob'ev EI, Konev AA, Malyshonok YuV, Afonia GG, Sapozhnikov AN: ZVMO,(1984) 113, 86-89

Russia - Yakutiya-SW - Aldan shield - Murun alkaline massif, "Tausonite Mtn."

- Russia: FMM-Moscow - Type::

Tavorite

Lindberg ML and Pecora WT: Science (1954) 119, 739

Brazil - Minas Gerais - Galileia - Sapucaia pegmatite

- USA: HMM-Cambridge - Type: T: 107298/9 (don. U.S.Geol.Surv., thru ML Lindberg)
- United Kingdom: NHM-London - Type: T: BM 1965,209
- USA: NMNH-Washington - Type: T: 106842 (on the same specimen with type barbosalite)

Tazheranite

Konev AA, Ushchapovskaya ZF, Kashaev AA, Lebedeva VS: DAN-SSSR,(1969) 186, 917-920

Russia - Irkutskaya Oblast - Lake Baykal, W-coast between Aya and Ulan-Noor capes - Tazheran massif

- France: MHN-Paris - Type: CT: (don. A.A. Konev)
- USA: NMNH-Washington - Type: T?: 145796

Teepleite

Gale WA, Foshag WF, Vonsen M: Amer.Min.(1939) 24, 48-52

USA - California - Lake County - Borax Lake

- USA: NMNH-Washington - Type: T: 197449 (don. M Vonsen, 1935)

Tegengrenite

Holtstam D, Larsson A-K: Amer.Min.(2000) 85, 1315-1320

Sweden - Värmland - Filipstad - Filipstad - Jakobsberg Fe-Mn oxide deposit (N59 50' E14 07')

- Sweden: SMNH-Stockholm - Type: HT: 980408

Teineite

Yoshimura T: J.Fac.Sci.Hokkaido Univ.(1939) ser. 4, 4, 465-470

Japan - Hokkaido - Sapporo - Teine mine

- Japan: HU-Sapporo - Type: T:
- USA: HMM-Cambridge - Type: T: 94749 (don. MIT, Cambridge, thru T Joshimura)

Telargpalite

Kovalenker VA, Genkin AD, Evstigneeva TL, Lapuntina IP: ZVMO,(1974) 103, 595-600

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

- Russia: FMM-Moscow - Type::
- Russia: IGEM-Moscow - Type::

From the Cu-Ni-deposit, in chalcopyrite, bornite or millerite

Tellurantimony

Thorpe RI, Harris DC: Can.Min.(1973) 12, 55-60

Canada - Quebec - Abitibi County - Galinée Township - Mattagami Lake Mines Ltd.

- Canada: GSC-Ottawa - Type: CT: 12151-12155
- Canada: ROM-Toronto - Type: CT: M31957, M31958 (pol. sect., <1mg)

Tellurohauchecornite

Gait RI, Harris DC: Min.Mag.(1980) 43, 877-878

Canada - Ontario - Sudbury District - Levack Township, Lot 4, Con. IV - Strathcona mine

- Canada: ROM-Toronto - Type: HT: M30942 (a few mg)

Telluronevskite

Ridkosiľ T, Skala R, Johan Z, Srein V: Eur.J.Min.(2001) 13, 177-185

Slovakia - Eastern Slovakia - Kosice (near) - Vihorlat Mts. (N48 58'69", E22 08'28")

- Slovakia: MES-Kosice - Type: T: G 10772
- Czech Republic: MBP-Turnov - Type: T: 593/99

Telluropalladinite

Cabri LJ, Rowland JF, Laflamme JHG, Stewart JM: Can.Min.(1979) 17, 589-594

USA - Montana - Stillwater County - Stillwater Complex

- Canada: GSC-Ottawa - Type: T:
- USA: NMNH-Washington - Type: CT: 144958 (don. CANMET, thru LJ Cabri, 1980)
- Canada: ROM-Toronto - Type: CT: M35867 (>1mg)

Temagamite

Cabri LJ, Laflamme JHG, Stewart JM: Can.Min.(1973) 12, 193-198

Canada - Ontario - Nipissing District - Phyllis Township, Lake Temagami, Temagami Island - Temagami mine

- Canada: ROM-Toronto - Type: HT: M32528 (one pol. sect., <1mg)

Tengchongite

Chen Zhangru, Luo Keding, Tan Falan, Zang Yi, Gu Xiaofa: *Kexue Tongbao* (1986) 31, 396-401

China - Yunnan Province - Tengchong County - (U-deposit in)

- China: UGRI-Beijing - Type: T:

Tengerite-(Y)

Dana JD: *Syst.Min.*(1868) 5th ed., 710

Sweden - Stockholm - Vaxholm - Vaxholm

- Sweden: SMNH-Stockholm - Type: T: 10820
- USA: NMNH-Washington - Type: NT: R13924 (approved by CNMMN)

Second TL for a NT = Japan, Fukushima, Iisaka

Tephroite

Breithaupt A: *Vollst.Char.Min. System*, 2nd ed.(1823) p. 278

USA - New Jersey - Sussex County - Ogdensburg - Sterling Hill mine

- Germany: BAF-Freiberg - Type: T: 23653
- USA: HMM-Cambridge - Type: T: 85547 (don. A Breithaupt, thru Yale Univ.)

Terlinguaite

Turner WH: *Mining Sci. Press*, San Francisco, 21. July 1900

USA - Texas - Brewster County - Terlingua (near) - Mercury deposit

- France: MHN-Paris - Type: T: 1041203 (don. AJ Moses)

Compare AJ Moses in: Amer.J.Sci.,ser. 4 (1903) 38, 253-263.

Ternesite

Irran E, Tillmanns E, Hentschel G: *Min.Petrol.*(1997) 60, 121-132

Germany - Rheinland-Pfalz - Eifel - Laacher lake volcano area, Ettringen (2km N of) - Bellerberg

- Austria: IMK-Wien - Type: T:
- Austria: NHMW-Wien - Type: T:

The mineral occurs in Ca-rich xenoliths in the Quaternary leucite tephrite lava

Ternovite

Subbotin VV, Voloshin AV, Pakhomovskii YA, Men'shikov YuP, Subbotina GF: *Neues Jahrb., Mh.*(1997) 49-60

Russia - Kola Peninsula - Vuoriyarvi massif - Vuoriyarvi lake, north shore

- Russia: FMM-Moscow - Type: T:

Terranovaite

Galli E, Quartieri S, Vezzalina G, Alberti A, Franzini M: *Amer.Min.*(1997), 82, 423-429

Antarctica - Northern Victoria Land - Mt. Adamson - SW crest (just under the summit) (S73 56', E162 56')

- Italy: MSNU-Pisa - Type: HT: 15520

Found in the Ferrar-dolerite samples.

Terskite

Khomyakov AP, Semenov EI, Voronkov AA, Nechelyustov GN: *ZVMO*,(1983) 112, 226-232

Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt. (and Karnasurt Mt.)

- Russia: FMM-Moscow - Type: T:
- Russia: GIKB-Apatity - Type: :
- Russia: VGM-Moscow - Type: T: 57773 (Khomyakov 1989)

In foidite

Tertschite

Meixner H: Fortschr.Min.(1953) 31, 39-42

Turkey - Balikesir Province - Bigadic - Faras (near) - Kurtpinari mine

- France: ENSM-Paris - Type: CT: (label Paar no. 925: "original material of Meixner, 1952")
- United Kingdom: NHM-London - Type: CT: BM 1978,489
- USA: NMNH-Washington - Type: T: 112733 (don. H Meixner, 1957)
- Canada: ROM-Toronto - Type: T: M35725 (100mg)

Species incompletely characterized

Teruggite

Aristarain LF, Hurlbut CF: Amer.Min.(1968) 53, 1815-1827

Argentina - Jujui - Susques Department - Loma Blanca borate deposit

- USA: HMM-Cambridge - Type: HT: 109056 (don. CS Hurlbut)
- USA: NMNH-Washington - Type: T: 145925 (don. LF Aristarain, 1979)

Tetraauricupride

Cheng Keqiao, Yu Tinggao, Zhang Yongge, Peng Zhizhong: Scientia Geol. Sinica (1982) 1, 111-116

China - Xinjiang Autonomous Region - Marneshi County - Sardala (ultrabasic stock at)

- China: MMG-Beijing - Type: T:

Tetraferroplatinum

Cabri LJ, Feather CE: Can.Min.(1975) 13, 117-126

South Africa - Eastern Transvaal - Lydenburg District - Mooihoek deposit

- USA: NMNH-Washington - Type: T: 136552

found in the Bushfield Complex

Tetranatrolite

Chen TT, Chao GY: Can.Min.(1980) 18, 77-84

Canada - Quebec - Rouville County - Mont Saint-Hilaire

- Canada: CMN-Ottawa - Type: CT: 37131 (one piece of matrix)
- Canada: ROM-Toronto - Type: CT: M35545

Identical with "tetragonal natrolite" from Greenland, Ilimaussaq. Discredited by G Artioli and E Galli in: Amer.Min.(1999) 84, 1445-1450 = Gonnardite.

Tetrarooseveltite

Sejkora J, Ridkosal T: Neues Jahrb.Min.,Mh.(1994) 179-184

Czech Republic - Severocesky (Northern Czechy) - Krusne Hory (E) - Teplice (20km NW of) - Moldava ore deposit, Josef vein

- Czech Republic: NMCR-Praha - Type: HT: P1N84563

Tetrawickmanite

White JS and Nelen JA: Min.Rec.(1973) 4, 24-29

USA - North Carolina - Cleveland County - Kings Mountains (near) - Foote Mineral Company Spodumene mine

- USA: NMNH-Washington - Type: T: 120239 (don. E Heard, 1968) and 121265 (don. JW Eaker, 1968)

Thadeuite

Isaacs A, Peacor DR, Kelly WC: Am.Min.(1979), 64, 359-361

Portugal - Faro - Panasqueira (N37 21', W8 36')

- USA: UM-Ann Arbor - Type: T:
- USA: NMNH-Washington - Type: T: 143.141 (D.R. Peacor)

Thalcusite

Kovalenker VA, Laputina IP, Evstigneeva TL, Izoitko VM: ZVMO,(1976) 105, 202-206

Russia - Krasnoyarskiy Kray - Noril'sk - Talnakh

- Russia: FMM-Moscow - Type::

In pentlandite-cubanite-chalcopyrite ores

Thalenite-(Y)

Benedicks C: GFF,(1898) 20, 308-312

Sweden - Kopparberg - Säter - Säter - Österby

- Sweden: SMNH-Stockholm - Type: HT: 520157

Original name = Thalenite

Thalfenisite

Rudashevskii NS, Karpenkov AM, Shipova GS, Shishkin NN, Ryabkin VA: ZVMO,(1979) 108, 696-701

Russia - Krasnoyarskiy Kray - Noril'sk - Talnakh - Oktyabr deposit

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

Thaumasite

Nordenskiöld AE: C.R.Acad.Sci.Paris,(1878) 87, 313

Sweden - Jämtland - Are - Are - Areskutan, Bjelkesgruvan

- Poland: MMUWr-Wroclaw - Type: T: II-18500 (don. AE Nordenskiöld, 2 specimens 70x45 and 24x20mm)
- France: MHN-Paris - Type: T: 138108 (don. AE Nordenskiöld)
- Sweden: SMNH-Stockholm - Type: HT: 24100

Theisite

Williams SA: Min.Mag.(1982) 46, 49-50

USA - Colorado - La Plata County (?) - Durango - (from a small U-prospect)

- United Kingdom: NHM-London - Type: CT: BM 1984,478

Thenardite

Casaseca JL: Annal.Chim.Phys.(1826) 32, 308

Spain - Madrid - Madrid Province - Crempozuelos - Laguna de Espartinas

- France: MHN-Paris - Type: T: 26.252 (J.L. Casaseca)

Theophrastite

Marcopoulos T and Economou M: Amer.Min.(1981) 66, 1020-1021

Greece - Thessaloniki (50km W of) - Vermion region

- USA: NMNH-Washington - Type: T: 148460 (don. Maria Economou, 1981)

Therese magnanite

Sarp H: Archives des Science,(1993) 46, n1, 37-44

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

- Switzerland: MHN-Genève - Type: HT: 435/86

Thomasclarkite-(Y)

Grice JD, Gault RA: Can.Min.(1998) 36, 1293-1300

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

- Canada: CMN-Ottawa - Type: CT: CMNMI 81553/54/55

Thometzekite

Schmetzer K, Nuber B, Medenbach O: Neues Jahrb.Min.,Mh.(1985) 446-452

Namibia - Otavi - Tsumeb

- Germany: MPI-Heidelberg - Type: HT: 10'11'19' (2 spec.)

Thomsonite-Sr

Pekov IV, Lovskaya EV, Turchkova AG, Chukanov NV, Zadov AE, Rastsvetaeva RK, Kononkova NN: ZVMO (2001) 130/4, 46-55

Russia - Kola Peninsula - Khibiny massif - Rasvumchorr Mt.

- Russia: FMM-Moscow - Type: T: 2605/1

In hydrothermalites of Khibiny. At Rasvumchorr Mt. in veinlets cross-cutting natrolite core of ristschorrite pegmatite.

Thorbastnäsite

Pavlenko AS, Orlova LP, Akhmanova MV, Tobelko KI: ZVMO (1965) 94/1, 105-113

Russia - Republic of Tuva - Sangilen Upland - Balytyg-Khem River - Pichikol' alkaline massif

- Russia: FMM-Moscow - Type: T: 72030

Thoreaulite

Buttgenbach H: Ann.Soc.Géol.Belg.(1933) 56, 327-328

Zaire - Shaba - Manono - Manono tin pegmatite

- Belgium: ULG-Liège - Type: HT: 2.067 and 2.068

Thorikosite

Dunn PJ and Rouse RC: Amer.Min.(1985) 70, 845-848

Greece - Attica - Lavrion

- USA: NMNH-Washington - Type: HT & CT: 161928 (don. R Jaxel, 1984) and 149042 (don. P Gelande, 1981)

Thorite

Berzelius JJ: Kongliga Svenska Vetenskaps-Akademiens Handlingar,(1829) 1-30

Norway - Telemark - Porsgrunn - "Löv-ön" (presently Lovoy) island [Langesundfjord]

- Norway: MGMU-Oslo - Type: CT: 5998

Thornasite

Ansell VE, Chao GY: Can.Min.(1987) 25, 181-183

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

- Canada: CMN-Ottawa - Type: HT (part of): 50770 (several mg on matrix)
- Canada: ROM-Toronto - Type: CT: M42070 (few mg)

Thortveitite

Schetelig J: Centralbl.Mineral. etc.(1911) 721-726

Norway - Aust-Agder - Evje - Landsverk quarry

- Norway: MGMU-Oslo - Type: CT: 22340 and 20 other specimens
- France: MHN-Paris - Type: T: 113200 (don. Schetelig) and other specimen

Threadgoldite

Deliens M, Piret P: Bull.Minéral.(1979) 102, 338-341

Zaire - Kivu - Mwenga - Kobokobo open pit

- Belgium: MRAC-KMMA-Tervuren - Type: HT: RGM 5.951 (micaceous crust)

Tiettaite

Khomyakov AP, Pavlov VP, Rogachev DL, Zalkind OA, Martynova AV: ZVMO,(1993) 122, n1, 121-125

Russia - Kola Peninsula - Khibiny massif - Koashva Mt.

- Russia: FMM-Moscow - Type: T:
- Russia: GIKB-Apatity - Type: T:

Tikhonenkovite

Khomyakov AP, Stepanov VI, Moleva VA, Pudovkina ZV: DAN-SSSR,(1964) 156, 345-347
Russia - Tuva - S-Tuva - Tannu-Ola Range (W) - Karasug (15km N of)

- France: ENSM-Paris - Type: CT:

Tilasite

Sjögren H: GFF,(1895) 17, 291-294
Sweden - Värmland - Filipstad - Filipstad - Langban

- Sweden: SMNH-Stockholm - Type: HT: HS6414

Tilleyite

Larsen ES and Dunham KC: Amer.Min.(1933) 18, 469-473
USA - California - Riverside County - Riverside (5 mls NW of) - Crestmore quarry

- USA: HMM-Cambridge - Type: T: 97031 (don. ES Wise)
- USA: NMNH-Washington - Type: T: 097246 (don. Harvard Univ., ES Larsen, 1934)

Tinsleyite

Dunn PJ, Rouse RC, Campbell TJ, Roberts WL: Amer.Min.(1984) 69, 374-376
USA - South Dakota - Custer County - Black Hills, Custer (ca. 8.5km SW of) - Tip Top mine

- USA: NMNH-Washington - Type: HT & T: 159882 (don. WL Roberts, 1983) and 149791 (don. WL Roberts, 1983)

Tinticite

Stringham B: Amer.Min.(1946) 31, 395-400
USA - Utah - Utah County - East Tintic District - as a wall coating in a limestone cave (near the Tintic Standard mine)

- United Kingdom: NHM-London - Type: CT: BM 1986,61
- USA: NMNH-Washington - Type: T: 105407 (don. Univ. Utah, B Stringham, 1947) and 105609 (don. U.S.Geol.Surv., 1947)

Tintinaite

Harris DC, Jambor JL, Lachance GR, Thorpe RI: Can.Min.(1968) 9, 371-382
Canada - Yukon Territory - Whitehorse Division - Watson Lake (160km NW of) - Tintina Silver Mines Ltd.

- Canada: GSC-Ottawa - Type: CT: 12133-12135 (pol. sect.)

Canada - Yukon Territory - Whitehorse Division - Watson Lake (160km NW of) - Tintina Silver Mines Ltd.

- Canada: ROM-Toronto - Type: CT: M37320 (sev. mg)

Tinzenite

Jakob J: Schweiz.Min.Petr.Mitt.(1923) 3, 234
Switzerland - Graubünden - Oberhalbstein - Alp Parsettens and Falotta near Tinzen (Mn-mines)

- Switzerland: ETH-Zürich - Type: HT: 194804 (8g)
- USA: HMM-Cambridge - Type: T: 90496 (don. j Jakob via Jezek, 1929)
- United Kingdom: NHM-London - Type: CT: BM 1926,33

Tiptopite

Grice JD, Peacor DR, Robinson GW, Velthuizen J van, Roberts WL, Campbell TJ: Can.Min.(1985) 23, 43-46
USA - South Dakota - Custer County - Black Hills, Custer (ca. 8.5km SW of) - Tip Top mine

- Canada: CMN-Ottawa - Type: CT: 48833, 48951, and 5 specimens more (1983)
- USA: SDSM&T-Rapid City - Type: CT:
- USA: NMNH-Washington - Type: CT: 149609 (don. WL Roberts, 1982)

Tiragalloite

Gramaccioli CM, Griffin WL, Mottana A: *Rend.Soc.It.Min.Petrol.*(1979) 35, 145-149

Italia - Liguria - Genova - Val Graveglia (NE of Lavagna) - Molinello mine

- Italy: MCSN-Milano - Type: CT: M25562 (don. CM Gramaccioli, 1985; with a CT of Medaite)
- Norway: MGMU-Oslo - Type: CT:
- Italy: MMURo-Roma - Type: CT: 24314

Tisinalite

Kapustin YuL, Pudovkina ZV, Bykova AV: *ZVMO*,(1980) 109, 223-229

Russia - Kola Peninsula - Khibiny massif - Koashva Mt.

- Russia: FMM-Moscow - Type: T:
- United Kingdom: NHM-London - Type: HT: BM 1994,033 (part of)

In foidite

Titanowodginite

Ercit TS, Cerny P, Hawthorne FC: *Can.Min.*(1992) 30, 633-638

Canada - Manitoba - Winnipeg Division - Lac du Bonnet area, Bernic Lake - Tanco pegmatite mine

- Canada: MMUM-Winnipeg - Type: HT: ?

Tivanite

Grey IE and Nickel EH: *Amer.Min.*(1981) 66, 866-871

Australia - Western Australia (central part) - Kalgoorlie (near) - Lake View mine (S30 40', E121 28')

- Australia: CSIRO(?) - Perth - Type: HT: 5996 (ca. 1mg)

Tlalocite

Williams SA: *Min.Mag.*(1975) 40, 221-226

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

- France: MHN-Paris - Type: T: (don. SA Williams)
- USA: NMNH-Washington - Type: T: 144519 (don. SA Williams, 1978)

Tlapallite

Williams SA and Duggan M: *Min.Mag.*(1978) 42, 183-186

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

- France: MHN-Paris - Type: T: (don. SA Williams)
- USA: NMNH-Washington - Type: T: 144519 (don. SA Williams, 1978)

Tobelite

Higashi S: *Min.Journ.Japan* (1982) 11, 138-146

Japan - Shikoku - Ehime Pref. - Tobe - Ohgidani deposit

- Japan: NSM-Tokyo - Type: T: M-23773 (1 sample)

Second TL at Honshu, Hiroshima Pref., Toyosaka, Horo pyrophyllite deposit

Tochilinite

Organova NI, Genkin AD, Drits VA, Molotkov SP, Kuzmina OV, Dmitrik AL: *ZVMO*,(1971) 100, 477-487

Russia - Voronezh Oblast - Nishne Mamonovskoye deposit (and Staromelovatskii intrusion)

- Russia: FMM-Moscow - Type: :

In serpentinite from drill cores of the Cu-Ni-deposit

Todorokite

Yoshimura T: *J.Fac.Sci. Hokkaido Univ.*(1934) ser. 4, 2, 289-297

Japan - Hokkaido - Shiribeshi - Akaigawa Village (25km SW Ginzan) - Todoroki mine

- USA: HMM-Cambridge - Type: T: 106214 (don. U.S.Nat.Mus, via WF Foshag)

A type specimen was not designated (inform. by S Matsubara)

Tokkoite

Lazebnik KA, Nikishova LV, Lazebnik YuA: Mineral.Zhurn.(1986) 8, n3, 85-89

Russia - Yakutiya-SW - Aldan shield - Murun alkaline massif, 2km SW of Vislonovka on the little stream Davan

- Russia: CSGM-Novosibirsk - Type::

Tolbachite

Vergasova LP, Filatov SK: DAN-SSSR,(1983) 270, 415-417

Russia - Kamchatka - Tolbachik eruption 1975-1976, fumaroles

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

Tolovkite

Razin LV, Rudashevskii NS, Sidorenko GA: ZVMO,(1981) 110, 474-480

Russia - Magadan - Ust-Bel'sky massif - Tolovka river

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

In Os-Ir alloys which come from Quaternary placer deposits associated with the Ust'-Bel'sky hyperbasite-gabbro.

Tombarthite-(Y)

Neumann H, Nilssen B: Lithos,(1968) 1, 113-123

Norway - Aust-Agder - Evje - Hogetveit quarry

- Norway: MGMU-Oslo - Type: MT: a large number of specimens, without a designation of a HT or CT

Tomichite

Nickel EH and Grey IE: Min.Mag.(1979) 43, 469-471

Australia - Western Australia (central part) - Kalgoorlie - Perseverance mine (S30 40', E121 28')

- United Kingdom: NHM-London - Type: T: BM 1979,532 (orig. nr. CSIRO = 12591)
- USA: NMNH-Washington - Type: T: 146187 (orig. nr. CSIRO = 12591)
- Australia: WAM-Perth - Type: HT & CT: M67.1991 (1mg, formerly 12591) and MDC 6417

Tooeleite

Cesbron FP and Williams SA: Min.Mag.(1992) 56, 71-73

USA - Utah - Tooele County - Gold Hill - U.S. mine

- France: ENSM-Paris - Type: HT:

Törnebohmitte-(Ce)

Geijer P: Sverig.Geol.Unders.(1921) ser. C, nr. 304

Sweden - Västmanland - Skinnskatteberg - Riddarhyttan - Bastnäs

- Sweden: SMNH-Stockholm - Type: HT: A42

First described as Törnebohmitte.

Torreyite

Prewitt-Hopkins J: Amer.Min.(1949) 34, 589-595

USA - New Jersey - Sussex County - Ogdensburg - Sterling Hill mine

- USA: HMM-Cambridge - Type: T: 113732 (don. LH Bauer)

Touunkite

Ivanov VG, Sapozhnikov AN, Piskunova LF, Kashayev AA: ZVMO,(1992) 121, n2, 92-95

Russia - Irkutskaya Oblast - Lake Baykal (S) - Malo Bystrinskoye and Tultuyskoye deposits near Tunkinskaya (Touunka) dolina

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

Name after Tunkinskaya dolina

Toyohaite

Yajima J, Ohta E, Kanazawa Y: Miner.Jour. Japan (1991) 15, 222-232

Japan - Hokkaido - Sapporo - Toyoha mine

- Japan: GSJ-Sapporo - Type: T:

Trabzonite

Sarp H and Burri G: Schweiz.Min.Petr.Mitt.(1986) 66, 453

Turkey - Rize Province (near Trabzon Province) - Varda Yaylasi - Ikizdere (N40 47', E40 34')

- Switzerland: MHN-Genève - Type: HT: 435/78

Tranquillityite

Lovering JF, Wark DA, Reid AF, Bunch NG, El Goresy A, Ramdohr P, Brown GM, Peckett A, Phillips R, Cameron EM, Douglas JAV, Plant AG: Proc. 2nd Lunar Sci.Conf.(1971) 1, 39-45

Moon - Mare Tranquillitatis (Apollo 11)

- USA: LPI-Houston - Type: HT & CT:

Traskite

Alfors JT, Stinson MC, Matthews RA, Pabst A: Amer.Min.(1965) 50, 314-340

USA - California - Fresno County - Trimmer (5 mls NE of) - Big Creek and Rush Creek sanbornite deposit

- USA: CSMMM-Mariposa - Type: T:

Treasurite

Karup-Moller S: Bull.Geol.Soc.Denmark (1977) 26, 41-68

USA - Colorado - Clear Creek County (/Park County) - Geneva district - Treasure Vault mine

- USA: NMNH-Washington - Type: T: R09714 (Roebbling coll., formerly labeled Schirmerite)

Trechmannite

Solly RH: Min.Mag.(1905) 14, 72-82 (p. 75)

Switzerland - Wallis - Binntal - Lengenbach

- United Kingdom: NHM-London - Type: T: Number of the type specimen is lacking

T Matsumoto and W Nowacki in: Zeitschr.Krist.(1969) 129, 163-177 (structure)

Trembathite

Burns PC, Hawthorne FC, Stirling JAR: Can.Min.(1992) 30, 445-448

Canada - New Brunswick - Sussex - Salt Springs deposits - Clover Hill area

- Canada: ROM-Toronto - Type: CT: M44741

In the drill core 86-9 from the Denison Potican Potash Company

Tremolite

Pini E: H.B. de Saussure "Voyages dans les Alpes" (1796) 4, sect. 1923

Switzerland - Ticino - Leventina - Campolungo (in metamorphic Tris dolomite)

- Switzerland: MHN-Geneve - Type: CT: HBS 1022 (200g, coll. HB de Saussure)

Named from Val Tremola, St. Gotthard (where no Tremolite occurs!), name due probably to wrong information of the finders.

Triangulite

Deliens M, Piret P: Bull.Minéral.(1982) 105, 611-614

Zaire - Kivu - Mwenga - Kobokobo open pit

- Belgium: MRAC-KMMA-Tervuren - Type: HT: RGM 6.192 (a few mg)

Tridymite

Vom Rath G: Ann.Phys.Chem.; Poggend.(1868) 133, 508

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

- France: MHN-Paris - Type: CT: 106.886 (don G vom Rath)

Trigonite

Flink G: GFF,(1920) 42, 436

Sweden - Värmland - Filipstad - Filipstad - Langban, Hindenburgstope

- Sweden: SMNH-Stockholm - Type: HT: 531777

Trimerite

Flink G: Zeits.Krist.Min.(1890) 18, 361-365

Sweden - Värmland - Filipstad - Filipstad - Harstigen

- France: MHN-Paris - Type: T: 120371 (G. Flink)
- Sweden: SMNH-Stockholm - Type: HT: 531847

Trimounsité-(Y)

Piret P, Deliens M, Pinet M: Eur.J.Min.(1990) 2, 725-729

France - Midi-Pyrénées - Ariège dép. - St-Barthélémy massif - Trimouns talc deposit 6km NE of Luzenac

- Belgium: IRSNB-Brussels - Type: HT: RC 3967

Triplite

Hausmann JFL: Handb.Mineral,(1813) 1st ed., vol.3, 1079

France - Limousin - Haute Vienne dép. - Canteloube

- France: MHN-Paris - Type: CT: 4.63 (chem.)

Trippkeite

Vom Rath G and Damour A: Bull.Soc.fr.Min.(1880) 3, 175-180

Chile - Atacama - Copiapo

- Germany: MPIM-Bonn - Type: HT: (very few small crystals on matrix)
- France: MHN-Paris - Type: HT (part of): 100.348 (don. A Damour)

Tripuhyite

Hussak E and Prior GT: Min.Mag.(1897) 11, 302f

Brazil - Minas Gerais - Ouro Preto - Tripuhy

- France: MHN-Paris - Type: T: 101.569 (don. E Hussak)
- United Kingdom: NHM-London - Type: T: ??

Tristramite

Atkin D, Basham IR, Bowles IFW: Min.Mag.(1983) 47, 393-396

Great Britain - England - Cornwall - Porthleven - Wheal Trewavas

- United Kingdom: GPD-London - Type: T:
- United Kingdom: NHM-London - Type: T:

Tritomite-(Ce)

Weibye PH: Annalen Physik Chemie (Poggend.),(1850) 79, 299-304

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

- USA: NMNH-Washington - Type: T: R12970

Tritomite-(Y)

Frondel C: *Can.Min.*(1961) 6, 576-581

Canada - Ontario - Haliburton County - Cardiff Township, Lot 7, Con. XX

- Canada: GSC-Ottawa - Type: HT (part of): 14270 (200g)
- USA: HMM-Cambridge - Type: HT: 108000 (6-8kg, HS Spence collection)
- USA: NMNH-Washington - Type: HT (part of): 106358

Compare HW Jaffe and VJ Molinski in: Amer.Min.(1962) 47, 9-25. Originally described as *Spencite*, renaming by Levinson.

Trögerite

Weisbach A: *Neues Jahrb.Min.*(1871) p. 870

Germany - Sachsen - Erzgebirge - Schneeberg, Neustädte - Weisser Hirsch mine, Walpurgis vein

- Germany: BAF-Freiberg - Type: CT: 21800 and 21803 (coll. Weisbach, 1871)

Trogtalite

Ramdohr P, Schmitt M: *Neues Jahrb.Min.,Mh.*(1955) 133-142

Germany - Niedersachsen - Harz (W) - Lautenthal (near) - Trogtal quarry

- USA: NMNH-Washington - Type: T: 112811A0 (on the same specimen with and filed under hastite-type, don. P. Ramdohr)

Trolleite

Blomstrand CW: *Öfvers. KVA handl.*(1868) 25, 197-201

Sweden - Kristianstad - Bromölla - Näsum (N of) - Västana

- Poland: MMUWr-Wroclaw - Type: T: MMWr II-9575 (one specimen 35x39mm)

Truscottite

Hörvig P: *Jaarboek van het Mijnwezen in Nederlandsch Oost-Indie, Verhandl.*(1914) 41, 202

Indonesia - Sumatra - Benkulen - Rediang Lebong mine

- United Kingdom: NHM-London - Type: NT: BM 1925,1044 (Lachovski et al., 1979)

New definition of the species from the same locality by EE Lachowsky, LW Murray, Taylor HFW in: Min.Mag.(1979) 43, 333-336

Trüstedtite

Vuorelainen Y, Huhma H, Häkli A: *Compt.Rend.Soc.Geol.Finland*,(1964) 36, 113-125

Finland - Oulun Lääni (NE part of the) - Kuusamo - Kitka river (Valley of the)

- France: ENSM-Paris - Type: CT: (don. Y Vuorelainen, 1968)

From a low grade U- and Se-mineralisation in an albite diabase

Tsaregorodtsevite

Pautov LA, Karpenko VYu, Sokolova EV, Ignatenko KI: *ZVMO*,(1993) 122, n1, 128-135

Russia - Tyumen Obl. - Khanty-Mansiysk region - Man'-Khambo (N61 01'~, E69 00'~)

- Russia: MSRI-Miass - Type::
- Russia: MM-St.Petersburg - Type::

Occurs in friable material that fills tectonic fractures within Muscovite-Chlorite schist

Tsaregorodtsevite

Pautov LA, Karpenko VYu, Sokolova EV, Ignatenko KI: *ZVMO*,(1993) 122, n1, 128-135

Russia - Tyumen Obl. - Khanty-Mansiysk region - Man'-Khambo (N61 01'~, E69 00'~)

- Bulgaria: Nat.Mus.-Sophia - Type::

Occurs in friable material that fills tectonic fractures within Muscovite-Chlorite schist

Tschernichite

Boggs RC, Howard DG, Smith JV, Klein GL: Amer.Min.(1993) 78, 822-826

USA - Oregon - Columbia County - Goble (200m N of) - (N46 01'13.1", W122 52'39.6")

- USA: NMNH-Washington - Type: T: ??

Tschörtnerite

Effenberger H, Giester G, Krause W, Bernhardt H-J: Amer.Min.(1998) 83, 607-617

Germany - Rheinland-Pfalz - Eifel - Mayen (near) - Bellberg volcano

- Germany: RUB-Bochum - Type: T:

Tsepinite-Na

Shlayukova ZV, Chukanov NV, Pekov IV, Rastsvetaeva RK, Organova NI, Zadov AE: ZVMO (2001) 130/3, 43-50
Russia - Kola Peninsula - Khibiny and Lovozero massif - Khibinpakhchorr and Lepkhe-Nelm Mts.

- Russia: FMM-Moscow - Type: T: 2614/1

Tsnigriite

Sandomirskaya SM, Arifulov ChKh, Botova MM, Mozgova NN, Nenasheva SN, Tsepin AI, Sivtsov AV:
ZVMO,(1992) 121, n5, 95-101

Uzbekistan - S Tyan-Shan fold (W-part) - Vysokovol'tnoye mine

- Russia: FMM-Moscow - Type: T:

In a late gold and hessite association, hydrothermal

Tsugaruite

Shimizu M, Miyawaki R, Kato A, Matsubara S, Matsuyama F, Kiyota K: Min.Mag.(1998) 62, 793-799

Japan - Honshu (N) - Aomori Prefecture - Yunosawa mine (in the Minami-Tsugaru-gun provincial unit) (N40 25'45", E140 36'54")

- Japan: NSM-Tokyo - Type: T: M-27594
- Japan: UMT-Tokyo - Type: T:

Tsumebite

Busz K: Festschr.Ges.Deutsch. Naturforscher und Ärzte, Münster,(1912) 182-185

Namibia - Otavi - Tsumeb

- Germany: UMM-Münster - Type: HT: (destroyed during the war, 1943)

Tsumoite

Shimazaki H, Osawa T: Amer.Min.(1978) 63, 1162-1165

Japan - Honshu - Shimane Pref. - Tsumo mine

- Japan: UMT-Tokyo - Type: T:

Tucekite

Just J and Feather CE: Min.Mag.(1978) 42, 278 (and M21-22)

Australia - Western Australia - Kalgoorlie (near) - Coolgardie Goldfield (NE) - Kanowna (S30 35', E121 36')

- France: ENSM-Paris - Type: CT:
- Australia: MOV-Melbourne - Type: HT: M34248 (small grains)
- USA: NMNH-Washington - Type: CT & T: 146921 and 146920

South Africa - Transvaal (central part) and Witwatersrand deposit - West Wits Line of the Witwatersrand (S26 25' E27 30') and Far West Witwatersrand (S26 50' E26 45')

- United Kingdom: NHM-London - Type: T:
- Czech Republic: NMNH-Praha - Type: T:

Tugarinovite

Kruglova VG, Poteryaikina AA, Sidorenko GS, Dubakina LS, Ryabeva EG: ZVMO,(1980) 109, 465-468
Russia - Amurskaya Obl. - Lenskoye deposit

- Russia: FMM-Moscow - Type::

Supergene

Tuhualite

Marshall P: New Zealand J.Sci.Techn.(1932) 13, 198-202

New Zealand - NE-Island - Auckland district - Bay of Plenty - Mayor (=Tuhua) Island

- New Zealand: GSNZ-Lower Hutt - Type: HT: P2077 (5g, xx<0.25mm)
- France: MHN-Paris - Type: T: 138.41
- USA: NMNH-Washington - Type: T: 136507 (don. Univ. Auckland, thru P Black, 1978) and 096879/80 and 103053 (don. P Marshall, 1933 and 1937)

Tulameenite

Cabri LJ, Owens DR, Laflamme JHG: Can.Min.(1973) 12, 21-25

Canada - British Columbia - Similkameen River District - Tulameen River and Similkameen River

- USA: NMNH-Washington - Type: CT: 128460 (don. LJ Cabri, Similkammen River)
- Canada: ROM-Toronto - Type: CT: M33256 (pol. sect., <1mg, Similkammen River)

Tuliokite

Yakovenchuk VN, Pakhomovskii YaA, Voloshin AV, Bogdanova AN, Yamnova NA, Pushcharovskii DYU:
Min.Zhurnal,(1990) 12, n3, 74-78

Russia - Kola Peninsula - Khibiny massif - Kukisvumchorr Mt.

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

Tumchaite

Subbotin VV, Merlino S, Pushcharovskii DYU, Pakhomovsky YA, Ferro O, Bogdanova AN, Voloshin AV,
Sorokhtina NV, Zubkova NV: Amer.Min.(2000) 85, 1516-1520

Russia - Kola Peninsula - Vuoryarvi Massif - (bore-hole from the central part of)

- Russia: MM-St.Petersburg - Type: HT: 3123

Tunellite

Erd RC, Morgan V, Clark JR: U.S.Geol.Surv.,Prof.Pap.(1961) 424-C, 294-297

USA - California - Kern County - Borax - U.S. Borax Chem Corp. (open pit)

- USA: NMNH-Washington - Type: T: 123928 (U.S.Geol.Surv., WT Schaller, 1972)

Tungstenite-2H

Wells RC and Butler BS: J.Wash.Acad.Sci.(1917) 7, 596-602

USA - Utah - Salt Lake County - Little Cottonwood District - Emma mine

- USA: NMNH-Washington - Type: T: 094490 (don. U.S.Geol.Surv., 1962)

A mixture of Tungstenite-2h and 3R

Tunisite

Johan J, Povondra P, Slansky E: Amer.Min.(1969) 54, 1-13

Tunisia - Le Kef and Souk Ahras (between) - Djebel-er-Ressas - Sakiet Sidi Yousseff ore deposit

- France: ENSM-Paris - Type: HT: (= "type" of J Johan, nr. 20051, 1968/9)
- Czech Republic: NMCR-Praha - Type: HT: 53823 (2g)

Turneureite

Dunn PJ, Petersen EV, Peacor DR: Can.Min.(1985) 23, 251-254

Sweden - Värmland - Filipstad - Filipstad - Langban

- USA: NMNH-Washington - Type: HT & T: 134981 and 159862 (don. Univ. Michigan, thru EU Petersen, 1984; same specimen with type, and filed under Donpeacorite)

USA - New Jersey - Sussex County - Franklin

- USA: NMNH-Washington - Type: CT: C06270 (don. LH Bauer, thru Canfield coll., 1955)

Other TL of the species: Balmat, St. Lawrence County, New York, USA

Turtmannite

Brugger J, Armbruster T, Meisser N, Hejny C, Grobety B: Amer.Min.(2001) 86, 1494-1505

Switzerland - Wallis - Turtmannal - Pipjigletscher (under the suspendes glacier)

- Switzerland: GML-Lausanne - Type: HT & CT: MGL53569 and MGL58732

From manganoan ores filling paleokarst pocket

Tuscanite

Orlandi P, Leoni L, Mellini M, Merlino S: Amer.Min.(1977) 62, 1110-1113

Italia - Toscana - Grosseto - Pitigliano - Casa Collina quarry

- Italy: IMUMo-Modena - Type: T:
- Italy: MSNU-Pisa - Type: T: 3210 (1 sample)
- USA: NMNH-Washington - Type: T: 143944 (don. S Merlino, 1978)

In ejected blocks, pumice deposit

Tusionite

Konovalenko SA, Voloshin AV, Pakhomovskii YaV, Anan'ev SA, Perlina GA, Rogachev DL, Kuznetsov VYa: DAN-SSSR,(1983) 272, 1449-1453

Tajikistan - SW-Pamir - Tusion river

- Russia: FMM-Moscow - Type::

In granite-pegmatite

Tuzlaite

Bermanec V, Armbruster T, Tiblias D, Sturman D, Kniewald G: Amer.Min.(1994), 79, 562-569

Bosnia and Hercegovina - Bosnia (NE) - Tuzla salt mine

- Croatia: HRC-Zagreb - Type: CT: HPM 8888
- Switzerland: NMBE-Bern - Type: CT: B 8631
- Canada: ROM-Toronto - Type: CT: M45848a

Tvedalite

Larsen AO, Åsheim A, Raade G, Tafto J: Amer.Min.(1992) 77, 438-443

Norway - Vestfold - Larvik - Tvedalen - Vevja quarry

- Norway: MGMU-Oslo - Type: HT: 14770

Tveitite-(Y)

Bergstol S, Jensen BB, Neumann H: Lithos,(1977) 10, 81-87

Norway - Telemark - Drangedal - Hoydalen - Tordal

- Norway: MGMU-Oslo - Type: CT: 8447, 8450

Tweddillite

Armbruster T, Gnos E, Dixon R, Gutzmer J, Hejny C, Döbelin N, Medenbach O: Min.Mag.(2002) 66, 137-150

South Africa - Northern Cape Province - Kuruman District - Kalahari Manganese Field - Wessels mine

- Switzerland: NMBE-Bern - Type: T: 35475

Twinnite

Jambor JL: Can.Min.(1967) 9, 191-213

Canada - Ontario - Hastings County - Huntingdon Township, Lot 13, Con. XIV - Madoc, Taylor pit

- Canada: GSC-Ottawa - Type: HT: 12175 (pol. sect.)

Tyrrellite

Robinson SC, Brooker EJ: Amer.Min.(1952) 37, 542-544

Canada - Saskatchewan - Beaverlodge Lake - Ato Bay (head of)

- Canada: GSC-Ottawa - Type: CT: 61952 (a few mg)
- France: MHN-Paris - Type: CT: 180.53 (don EJ Brooker)
- Canada: ROM-Toronto - Type: T: M26095 and M26096 (a few mg)

Originally described as a "cobalt-copper-nickel-selenide", named by ID Sindeeva in *Mineralogy, Acad.Sci.*

USSR,(1959) p. 58. Second TL = Saskatchewan, Goldfields District, Eagle group of claims (western part of the).