

Vajdakite

Ondrus P, Skála R, Cisrová I, Veselovsky F, Fryda J, Cejka J: Amer.Min.(2002) 87, 983-990

Czech Republic - Zapadocesky (Western Czechy) - Jachymov

- Czech Republic: NMNH-Praha - Type: HT: P1p 19/98

Valentinite

Haidinger W: Handb.best.Mineral.(1845) p.506

France - Rhône-Alpes - Isère dép. - Dauphiné - Allemont, N of Bourg d'Oisans

- Germany: BAF-Freiberg - Type: HT: 7226

Valleriite

Blomstrand CW: Öfvers. KVA handl.(1870) 27, 19

Sweden - Kopparberg - Ljusnarsberg - Kopparberg - Kaveltorp, Auroragruvan

- Poland: MMUWr-Wroclaw - Type: T: MMWr II-14152 (one specimen 69x60mm)
- Sweden: SMNH-Stockholm - Type: HT: 061477

Vanadiumdravite

Reznitsky LZ, Sklyarov EV, Ushchapovskaya ZF, Nartova NV, Kashaev AA, Karmanov NS, Kanakin SV, Smolin AS, Nekrasova EA: ZVMO (2001) 130/2, 59-72

Russia - Buryatskaya A.R. - Baikal Lake (S region of) - Sludyanka complex

- Russia: FMM-Moscow - Type: T: 2493/1

Vanadomalayaite

Basso R, Lucchetti G, Zefiro L: Neues Jahrb.Min.,Mh.(1994) 489-498

Italia - Liguria - Genova - Reppia/Graveglia (NE of Lavagna) - Gambatesa mine

- Italy: IMUGe-Genova - Type: T:

Vandenbrandeite

Schoep A: Ann.Mus.Congo belge, Tervuren,(1932) 1, 3, 25-31

Zaire - Shaba - Kolwezi - Kalongwe copper deposit

- France: MHN-Paris - Type: T: 134-72
- United Kingdom: NHM-London - Type: CT: 1933,261-263

Vanmeersscheite

Piret P, Deliens M: Bull.Minéral.(1982) 105, 125-128

Zaire - Kivu - Mwenga - Kobokobo open pit

- Belgium: UCL-Louvain-la-Neuve - Type: HT: F 360 (a few mg)

Vanoxite

Hess FL: Bull.U.S.Geol.Surv.(1924) 750-D, p. 63-64

USA - Colorado - Montrose County - Uravan district, Paradox valley, Wild Steer Canyon - Bill Bryan claim

- USA: HMM-Cambridge - Type: T: 103477 (part of NMNH no. 095059)
- USA: NMNH-Washington - Type: T: 095059 (don. U.S.Geol.Surv., 1925)

Vantasselite

Fransolet AM: Bull.Min.(1987) 110, 647-656

Belgium - Luxembourg province - Vielsalm (near) - Bihain

- Belgium: ULG-Liège - Type: HT: no nr.

Vanuralite

Branche G, Bariand P, Chantret F, Pouget R, Rimsky A: C.R.Acad.Sci.Paris (1963) 256, 5374-5376

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

- France: ENSM-Paris - Type: CT: (don. "Sorbonne", 1979)
- USA: NMNH-Washington - Type: T: (see Metavanuralite)

Varennesite

Grice JD, Gault RA: Can.Min.(1995) 33, 1073-1081

Canada - Quebec - Verchères County - between the Varennes and Saint-Amable villages (20km E Montreal) - Demix-Varennes quarry

- Canada: CMN-Ottawa - Type: HT: 81521 (10 mg fragments, 2 WDS probe mounts, 3 single xl mounts)

Variscite

Breithaupt A: Journ.prakt.Chem.(1837) 10, 506

Germany - Sachsen - Vogtland - Plauen - Messbach

- Germany: BAF-Freiberg - Type: T: 21218 (coll. Rötler, 1830)

Varulite

Quensel P: GFF,(1937) 59, 95

Sweden - Västerbotten - Skelleftea - Skelleftea - Varuträsk

- France: MHN-Paris - Type: T: (P. Quensel)

Vashegyite

Zimanyi K: Math. es Term.tud.Ert.(1909) 27, 64-67

Slovakia - Spisska Nova Ves - Spissko-Gemerske rudohorie - Zelenik (part of Sirk)

- Hungary: HNHM-Budapest - Type: HT & CT: (destroyed in 1956), today only TT
- United Kingdom: NHM-London - Type: CT: BM 1910,101

TL at the time of description: Hungary, Comitat Gomor, Vashegy

Vasilite

Atanosov AV: Can.Min.(1990) 28, 687-689

Bulgaria - Bourgas region - Novoseltsi (near the village of)

- Bulgaria: NMEM-Sofia - Type: CT:

Vaughanite

Harris DC, Roberts AC, Criddle AJ: Min.Mag.(1989) 53, 79-83

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

- Canada: GSC-Ottawa - Type: NMC 65497
- United Kingdom: NHM-London - Type: HT (part of): BM 1987,95

In a drill core.

Vauxite

Gordon SG: Amer.Min.(1922) 7, 107-108

Bolivia - Potosí Dep. - Colquechaca (NW of) - Llallagua mine

- United Kingdom: NHM-London - Type: CT:
- USA: NMNH-Washington - Type: T: 097561 and 103542 (don. GS Gordon, thru EV Shannon, 1930, resp. 1939)

Väyrynenite

Volborth A, Strandner E: Anz.Math.-Naturwiss.Kl.,Akad.Wiss. Wien,(1954) 92, 21

Finland - Häimeen Lääni - Orivesi - Eräjärvi (5km E of) - Viitaniemi pegmatite

- USA: NMNH-Washington - Type: T: R11807 (don. A Volborth, thru Roebing coll., 1960)
preliminary announcement are given in Geologi,(Finland),(1954) 6, 7

Veatchite

Switzer G: Amer.Min.(1938) 23, 409-411

USA - California - Los Angeles County - Lang (3.5 mls NNE of), Tick Canyon - Sterling Borax mine

- USA: HMM-Cambridge - Type: CT: 92944 (don. WH Nisson, 1937)
- USA: NMNH-Washington - Type: T: 105697 (don. G Switzer, 1948)

Veatchite-A

Kumbasar I: Amer.Min.(1979) 64, 362-366

Turkey - Kütahya Province - Emet - Emet colemanite deposit (N39 22', E29 15')

- USA: NMNH-Washington - Type: T: 145911 (don. I Kumbasar)
- Turkey: TUMF-Istambul - Type: HT: (2kg)

Veenite

Jambor JL: Can.Min.(1967) 9, 7-24 and 191-213

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

- Canada: GSC-Ottawa - Type: CT: 12170 (pol. sect.), 12174
- Canada: ROM-Toronto - Type: CT: M35895 (one grain in pol. sect.)

Velikite

Kaplunnik LN, Pobedimskaya EA, Belov NV: Kristallografiya,(1977) 22, 175-177 (only structure and name)

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

- Russia: FMM-Moscow - Type: T: 83006
- Russia: MM-St.Petersburg - Type: T: 2097/1

Verbeekite

Roberts AC, Paar WH, Cooper MA, Topa D, Criddle AJ, Jedwab J: Min.Mag.(2002) 66, 173-179

Congo - Shaba Province - Kolwezi (near) - Musonoi Cu-Co-Mn-U mine (S10 44', E25 26')

- United Kingdom: NHM-London - Type: HT: BM2001,4

Vergasovaite

Bykova EY, Berlepsch P, Kartashov PM, Brugger J, Armbruster T, Criddle AJ: Schweiz.Min.Petr.Mitt.(1998) 78, 479-488

Russia - Kamchatka - Northern Break of the Large Tolbachik Fissure eruption - Cone II, northern part of the central fumarole

- Russia: FMM-Moscow - Type: T: 2328/1
- Switzerland: MPI-Basel - Type: T:
- Switzerland: NMBA-Basel - Type: T:

It was find 20 cm below the surface on a temperature from 150 to 170 C.

Vernadite

Betekhtin AG: ZVMO (1937) 66/4, 703-712

Russia - Ural (S) - Chelyabinsk Oblast - Magnitogorsk (25km WNW of) - Kusimovskoye Mn-deposit

- Russia: FMM-Moscow - Type: T: 43441-42

Original name = 'manganese dioxide hydrate'. Actual name also given by AG Betekhtin in 1940.

Verplanckite

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:

Versiliaite

Mellini M, Merlino S, Orlandi P: Amer.Min.(1979) 64, 1230-1242

Italia - Toscana - Lucca - Alpi Apuane, Stazzema (NE of) - Buca della Vena mine

- Italy: MSNU-Pisa - Type: T: 3211 (1 sample)

Vertumnite

Passaglia E and Galli E: Tschermin.Petr.Mitt.(1977) 24, 57-66

Italia - Lazio - Viterbo - Montalto di Castro - Cava Campomorto

- France: ENSM-Paris - Type: CT: (with label MCSN-Milano "cotype")
- Italy: MCSN-Milano - Type: HT: (don. G Pagani; few mg)

In a subspherical geode in phonolite

Vesignieite

Guillemin Cl: C.R.Acad.Sci.Paris,(1955) 240, 2331-2333

Germany - Thüringen - Erfurt (SW of) - Friedrichroda

- France: ENSM-Paris - Type: HT:

Compare with calciovolborthite.

Vesuvianite

Werner AG: (M.H. Klaproth) Beitr.Chem.Kenntn.Min.(1795) 1, 34

Italia - Campania - Napoli - Vesuvio, Monte Somma

- Germany: BAF-Freiberg - Type: T: 100181 (coll. AG Werner)

Viaeneite

Kucha H, Osuch W, Elsen J: Eur.J.Min.(1996) 8, 93-102

Belgium - Liège province - Liège (40km SW of) - Engis - La Mallieue Pb-Zn deposit

- Poland: AMM-Krakow - Type: CT: EMP9
- Belgium: IRSNB-Bruxelles - Type: HT: RN 6380
- Belgium: PCG-Leuven - Type: CT: KUR32, ONB2, ONB3

Vicanite-(Ce)

Stoppani FS: Rivista Min. Italiana (1994) 17, no. 3, 207-211

Italia - Lazio - Viterbo - Vican volcanic sequence, Vican lake (near Vetralla) - Tre Croci

- Italy: MMURo-Roma - Type: T: 24509/1

Vigezzite-(Ce)

Graeser S, Schwander H, Hänni H, Mattioli V: Min.Mag.(1979) 43, 459-462

Italia - Piemonte - Novara - Valle d'Ossola, Valle Vigezzo - Alpe Rosso (near Orcesco)

- Italy: MCSN-Milano - Type: T: M22610 (don. V Mattioli, 1978)
- Switzerland: NMBA-Basel - Type: HT/CT: MB 27:336, (+3CT)

Viitaniemiite

Lathi S: Bull.Geol.Surv.Finland,(1981) 314, 51-56

Finland - Hämeen Lääni - Orivesi - Eräjärvi (5km E of) - Viitaniemi pegmatite

- Finland: MM-GSF-Helsinki - Type: HT:

Vikingite

Karup-Moller S and Makovicky E, Karup-Moller S: Bull.geol.Soc.Denmark,(1977) 26, 41-68 and Neues Jahrb.Min.,Abh.(1977) 131, 56-82

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

- Denmark: GMK-Copenhagen - Type: CT (crist.): 1973.153,179,227,236 (Several polished samples)

Villamaninite

Schoeller WR, Powell AR: Nature, London,(1919) 104, 326

Spain - León Province - Cármenes district - Villamanin (near) - Providencia mine (N42 58', W3 34')

- France: MHN-Paris - Type: T: 120.147, 121.298 (WR Schoeller)

See also Amer.Min.(1920) 5, 168 (abstract) and Amer.Min.(1989) 74, 1173

Villiaumite

Lacroix A: C.R.Acad.Sci. Paris (1908) 146, 213

Guinea - Conacry - Los Islands

- France: MHN-Paris - Type: CT: 108.220/6 (=types of A Lacroix)

Villyaellenite

Sarp H: Schweiz.Min.Petr.Mitt.(1984), 64, 323-328

France - Alsace - Haut-Rhin dép. - Ste-Marie-aux-Mines

- Switzerland: MHN-Genève - Type: HT: 435/77 (10-20mg)

Vincentite

Stumpfl EF and Tarkian M: Min.Mag.(1974) 39, 525-527

Indonesia - SE-Borneo - Riam Kanan River

- Germany: MPI-Hamburg - Type: HT: (micrograins, polished section)

Vinciennite

Cesbron F, Giraud R, Picot P, Pillard F: Bull.Min.(1985) 108, 447-456

France - Bourgogne - Saône-et-Loire dép. - Chizeuil pyrite deposit

- France: ENSM-Paris - Type: HT:

Vinogradovite

Semenov EI, Bonshtedt-Kupletskaya EM, Moleva VA, Sludskaya NN: DAN-SSSR,(1956) 109, 617-620

Russia - Kola Peninsula - Lovozero massif - Manepakhk, Lepkhe-Nel'm. Kuftn'yun, Kitkh'yun and Karnasurt Mts.

- Russia: VGM-Moscow - Type: HT,CT: 44081, 46312 (Semenov 1956, 1959)

Virgilite

French BM, Jezek PA, Appleman DE: Amer.Min.(1978) 63, 461-465

Peru - Macusani ("Macusani" volcanic glass), (S14, W0 30')

- France: ENSM-Paris - Type: CT: (don. NMNH-Washington, meteorites coll.)
- USA: NMNH-Washington - Type: HT: (meteorite coll., nr. NMNH 2143-17)

The virgilite crystals are included in pale green glass, found as stream cobbles near Macusani

Viseite

Mélon J: Ann.Soc.Geol.Belg.(1943) 66, 53-56

Belgium - Liège province - Visé

- Belgium: ULG-Liège - Type: HT: 9474/6

Vismirnovite

Marshukova NK, Pavlovskii AB, Sidorenko GA, Chistyakova NI: ZVMO,(1981) 110, 492-500

Tajikistan - Trudovoe and Mushiston Sn-deposits

- Russia: FMM-Moscow - Type::

Vistepite

Pautov LA, Belakovskii DJ, Skala R, Sokolova EV, Ignatenko KI, Mokhov AV: ZVMO,(1992) 121, n4, 107-112
Kyrgystan - Inyl'chek Mts, N-slope of the

- Russia: FMM-Moscow - Type::
- Russia: MSRI-Miass - Type::
- Russia: VGM-Moscow - Type: HT: 37721 (Pautov 1988)

In hornfels at the margin of a Sn-bearing granite massif

Vitusite-(Ce)

Ronsbo JG, Khomyakov AP, Semenov EI, Voronkov AA, Garanin NN: Neues Jahrb.Min.,Abh.(1980) 137, 42-53
*Russia - Kola Peninsula - Lovozero massif - Karnasurt Mt. - Jubilejnaja pegmatite **

- France: ENSM-Paris - Type: CT:
- Denmark: GMK-Copenhagen - Type: HT & CT: 1981 949-952,954 (2 thin sect., 2xx sev. fragments)
- United Kingdom: NHM-London - Type: HT: BM 1994,036 (part of)

** and Greenland Julianehab region, Ilimaussaq, Kvanefield*

Vlasovite

Tikhonenkova RP, Kazakova ME: DAN-SSSR,(1961) 137, 944-946
Russia - Kola Peninsula - Lovozero massif - Varnbed Mt., near

- France: ENSM-Paris - Type: CT:

In foidite

Vlodavetsite

Vergasova LP, Filatov SK, Starova GL, Matusevich GL: DAN,(1995) 343, n3, 358-360
Russia - Kamchatka - Tolbachik main fracture eruption - Cobe II of the northern fissure

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

from the main fracture eruption exhalation (1975-1976)

Vochtenite

Zwaan PC, Arps CES, De Grave E: Min.Mag.(1989) 53, 473-478
Great Britain - England - Cornwall - Redruth - Basset mine

- USA: NMNH-Washington - Type: CT: 139591 (JJ Trelawney coll., 1978)

Voggite

Roberts AC, Sabina AP, Ercit TS, Grice JD, Szymanski JT, Ramik RA: Can.Min.(1990) 28, 155-159
Canada - Quebec - Montreal Island - St. Michel - Francon quarry

- Canada: GSC-Ottawa - Type: HT: NMC 65631

Volkovskite

Kondrateva VV, Ostrovskaya IV, Yarzheminskii YaYa: ZVMO,(1966) 95, 45-50
Kazakhstan - Prikaspiyskaya Obl. - Inder borate deposit

- Russia: FMM-Moscow - Type::
- Canada: ROM-Toronto - Type: NT: M44169

Mandarino JA, Rachlin AL, Dunn PJ, Le Page Y, Back ME, Murowchick, Ramik RA, Falls RB: Can.Min.(1990) 28, 351-356

Canada - New Brunswick - Sussex - Denison-Potacan Potash Co. mine

- Canada: ROM-Toronto - Type: NT: M44196 (few mg)

Vonbezingite

Dai Y, Harlow GE: Amer.Min.(1992) 77, 1292-1300

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

- USA: AMNH-New York - Type: CT: T100748

Vozhminite

Rudashevskii NS, Men'shikov YuP, Lentsi AA, Shumskaya NI, Lobanova AB, Goncharov GN, Tutov AG: ZVMO,(1982) 111, 480-485

Russia - Karelskaya A.R. - NE-Karelia - Vozhmin massif, in serpeninites

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

Vrbaite

Jezek B: Zeitschr.Kryst.Min.(1912) 51, 365-378

Macedonia - Rozden (near) - Allchar deposit

- France: ENSM-Paris - Type: HT:
- Czech Republic: NMCR-Praha - Type: T: 25292 (13 xx, each ~1mm)
- USA: NMNH-Washington - Type: T: R00939 (don. Zambonini, thru Roebling coll.)

Vuagnatite

Sarp H, Bertrand J, McNear E: Amer.Min.(1976) 61, 825-830 and 831-838

Turkey - Burdur Province - Taurus Mts. - Doganbaba (N37 36.5', E29 44.5') (10km NE of) - Bögürtlencik Tepe (600m NE of)

- Switzerland: MHN-Genève - Type: HT: 435/1 (92g)
- USA: NMNH-Washington - Type: T: 146560 (don. MHNGe, thru J Deferne, 1980)

Vulcanite

Cameron EN and Threadgold IM: Amer.Min.(1961) 46, 258-268

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

- Canada: CMN-Ottawa - Type: CT: 57361 (WW Pinch coll., 1990; grains in polished sections)
- USA: NMNH-Washington - Type: T: 085136 (don. L Weiss, 1903) and R00933 (Roebling coll., 1927)

Vuonnemite

Bussen IV, Denisov AP, Zabavnikova NI, Kozyreva LV, Men'shikov YuP, Lipatova EA: ZVMO,(1973) 102, 423-426

Russia - Kola Peninsula - Khibiny massif - Vuonnemi river valley

- France: ENSM-Paris - Type: CT:

In albitized alkaline rocks

Vuorelainenite

Zakrzewski MA, Burke EAJ, Lustenhouwer WJ: Can.Min.(1982) 20, 281-290

Sweden - Östergötland - Norköping (W of) - Sätra (1km N of) - Doverstorp (a fahlband-type pyrite-pyrrhotite deposit)

- Netherlands: IESFU-Amsterdam - Type: NT: 153A4

First described as Vanadium Spinel by JVP Long, Y Vuorelainen, O Kouvo in: Amer.Min.(1963) 48, 36 and 40 - from Finland, Pohjois-Karjala Lääni (Northern Karelia), Outokumpu mine

Vyalsovite

Evsigeeva TL, Genkin AD, Sandomirskaya SM, Trubkin NV: Amer.Mineral.(1992) 77, 201-206

Russia - Krasnoyarskiy Krai - Noril'sk - Talnakh - Komsomolsk mine

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

In magnesian skarn underlying the Talnakh intrusion

Vyuntspakhkrite-(Y)

Voloshin AV, Pakhomovskii YaA, Men'shikov YuP, Pavarennykh AS, Rogachev DL: Min.Zhurnal,(1983) 5, n4, 89-94

Russia - Kola Peninsula - Keivy - Vyuntspakh Mt.

- Russia: FMM-Moscow - Type: T: