

Labuntsovite

Semenov EI, Burova TA: DAN-SSSR,(1955) 101, 1113-1116

Russia - Kola Peninsula - Khibiny massif - Kuftn'yun Mt.

- France: ENSM-Paris - Type: CT:
- USA: NMNH-Washington - Type: T: 113995
- Russia: VGM-Moscow - Type: T: 46311 (Semenov 1959)

In foidite. First founded by Labuntzov in Khibiny massif, Maliy Manepakhk Mt. and named titanium elpidite

Labuntsovite-Fe

Khomyakov AP, Nechelyustov GN, Ferraris G, Gula A, Ivaldi G: ZVMO (2001) 130/4, 36-45

Russia - Kola Peninsula - Khibiny massif - Kukisvumchorr Mt.

- Russia: FMM-Moscow - Type: T: 2244/1 and 2

In hydrothermally altered urtite.

Labuntsovite-Mg

Khomyakov AP, Nechelyustov GN, Ferraris G, Gula A, Ivaldi G: ZVMO (2001) 130/4, 36-45

Russia - Kola Peninsula - Kovdor massif

- Russia: FMM-Moscow - Type: T: 2246/1 and 2

In cavities of vuggy dolomitic carbonatites of ultrabasic alkaline rocks.

Lacroixite

Slavik F: Bull.Int.Acad.Sci, Boheme,(1914) 4, 19

Germany - Sachsen - Erzgebirge - Ehrenfriedersdorf - Greifenstein

- Czech Republic: CUP-Praha - Type: T: 7400 (50mg)
- France: MHN-Paris - Type: T: 114454 (don. Slavik)

Laffittite

Johan Z, Mantiene J, Picot P: Bull.Soc.fr.Min.Crist.(1974) 97, 48-53

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

- France: ENSM-Paris - Type: HT:

Laforetite

Meisser N, Thelin P, Chiappero P-J, Maurel C: Eur.J.Min.(1999) 11, 891-898

France - Auvergne - Haute Loire dép. - Langeac, near - Montgros Pb-Zn mine

- Switzerland: GML-Lausanne - Type: HT: MGL 58600 (polished section)
- France: MHN-Paris - Type: HT (part of):

Laitakarite

Vorma A: Geologi,(1959), n2, 11

Finland - Uusimaa Lääni - Helsinki (near) - Orijärvi mine (sulfide ores)

- France: MHN-Paris - Type: T: 178.164 (don. A Vorma)

Lammerite

Keller P, Paar WH, Dunn PJ: Tschermaks Min.Petr.Mitt.(1981) 28, 157-164

Bolivia - La Paz Dep. - Altiplano - Laurani - Sica Sica

- USA: HMM-Cambridge - Type: HT (part of): 117006 (don. WH Paar, nr. 635, 1980)
- Austria: IGUS-Salzburg - Type: CT: (one micro sample)
- Germany: IMKU-Stuttgart - Type: CT: NM12 (a fragment of a crystal)
- United Kingdom: NHM-London - Type: CT: BM 1980,357
- USA: NMNH-Washington - Type: HT (part of) & T: 146966 and 148264 (both don. Univ. Salzburg, thru WH Paar, 1980)

Landauite

Portnov AM, Nikolaeva LE, Stolyarova TI: DAN-SSSR,(1966) 166, 1420-1421

Russia - Buryatskaya A.R. - Baykal region (N) - Burpala alkaline complex (N56 33', E110 45')

- USA: NMNH-Washington - Type: T: 144009

Landesite

Berman H and Gonyer FA: Amer.Min.(1930) 15, 384-385

USA - Maine - Androscoggin County - Poland - Berry quarry

- USA: HMM-Cambridge - Type: CT: 91214 and 91220 (collected by C Palache, 1912)

Langbanite

Flink G: Zeits.Krist.Min.(1888) 13, 1-8

Sweden - Värmland - Filipstad - Filipstad - Langban

- France: MHN-Paris - Type: T: 95.58 (vendu par G. Flink)
- Sweden: SMNH-Stockholm - Type: HT: 531650

Langisite

Petrk W, Harris DC, Stewart JM: Can.Min.(1969) 9, 597-616

Canada - Ontario - Timiscaming District - Harris Township, Lot 5, Con. VI - Langis mine (vein 30, 235 ft. level)

- Canada: CANMET-Ottawa - Type: HT (part of): 329
- Canada: GSC-Ottawa - Type: HT (part of): 12140/1 (pol. sections)
- Canada: ROM-Toronto - Type: HT (parts of): M28883/4 (specim. and pol. sect., few mg)

Langite

Maskelyne NS: C.R.Acad.Sci. Paris (1864) 59, 633

Great Britain - England - Cornwall - St Blazy and St Just

- Austria: NHMW-Wien - Type: CT: A.a.4353 (don. NS Maskelyne, 1 sample)

Lanmuchangite

Daiyan Chen, Guanxun Wang: Acta Min.Sin.(2001) 21/3, 271-277

China - Guizhou Province - Xinren County - Lanmuchang Tl-Hg deposit

- China: NMG-Beijing - Type: T:

Lannonite

Williams SA and Cesbron FP: Min.Mag.(1983) 47, 37-40

USA - New Mexico - Catron County - Silver City - Lone Pine mine

- France: MHN-Paris - Type: T: (don. SA Williams)
- United Kingdom: NHM-London - Type: CT: BM 1980,546
- USA: NMNH-Washington - Type: MT: 149526 (don. SA Williams, 1982)

Lanthanite-(Ce)

Bevins RE, Rowbotham G, Stephens FS, Turgoose S, Williams PA: Amer.Min.(1985) 70, 411-413

Great Britain - Wales - Gwynedd - Snowdon - Britannia mine (2nd lowest level)

- United Kingdom: NHM-London - Type: CT: BM 1984,614 (part of)
- USA: NMNH-Washington - Type: T: 162169 (don. RE Bevins, 1984)
- United Kingdom: NMW-Cardiff - Type: HT: 84.6G.MI (50xx)

Lanthanite-(La)

Haidinger W: Handbuch bestimm.Min.(1845) 1st ed., 500

Sweden - Västmanland - Skinnskatteberg - Riddarhyttan - Bastnäs

- Austria: NHMW-Wien - Type: CT: A.x.564

Lanthanite-(Nd)

Roberts AC, Chao GY, Cesbron FP: Geol.Surv.Canada (1980) paper 80-1C, 141-142

Brazil - Parana - Curitiba

- Canada: GSC-Ottawa - Type: CT: 12213 (sev. g)
- USA: NMNH-Washington - Type: CT: 147003 (don. GSC-Ottawa, thru HG Ansell, 1980)

Laphamite

Dunn PJ, Peacor DR, Criddle AJ, Finkelman RB: Min.Mag.(1986) 50, 279-282

USA - Pennsylvania - Northumberland County - Burnside (burning coal-waste dump)

- United Kingdom: NHM-London - Type: HT (part of): BM 1984,843
- USA: NMNH-Washington - Type: HT: 163039 (don. RB Finkelman, 1985)

Lapieite

Harris DC, Roberts AC, Thorpe RI, Jonasson IR, Criddle AJ: Can.Min.(1984) 22, 561-564

Canada - Yukon Territory - Lapie River

- Canada: GSC-Ottawa - Type: CT: 63844/6 (polished sections, polished thin sections, rock fragments)

Laplandite-(Ce)

Eskova EM, Semenov EI, Khomyakov AP, Kazakova ME, Sidorenko OV: ZVMO,(1974) 103, 571-575

Russia - Kola Peninsula - Lovozero massif - Karnasurt Mt. - Jubilejnaja pegmatite

- Russia: FMM-Moscow - Type: T:
- Russia: IMGRE-Moscow - Type: T:

Larderellite

Bechi E: Am.J.Sci.(1854) ser.2, 17, 129 (=name!)

Italia - Toscana - Pisa - Val di Cecina - Larderello (in the boric acid fumaroles)

- France: MHN-Paris - Type: T: 100.1384/86/88 (don. F de Larderel)

First described by Mascagni in: Viagg.Tosc.(1806) 3

Larosite

Petruk W: Can.Min.(1972) 11, 886-891 (and p. 209)

Canada - Ontario - Timiskaming District - Coleman Township, Lot 4, Con. IV - Foster mine

- Canada: GSC-Ottawa - Type: HT: 12126 (pol. sect.)

Larsenite

Palache C, Bauer LH, Berman H: Amer.Min.(1928) 13, 142-144 and 334-339

USA - New Jersey - Sussex County - Franklin

- United Kingdom: NHM-London - Type: T: BM 1928,485

142-144 ok

Latrappite

Nickel EH: Can.Min.(1964) 8, 121-122

Canada - Quebec - Deu Montagnes County - La Trappe (near), L'Annonciation d'Oka (paroisse de) - St. Lawrence Columbium and Metals Corp. property

- Canada: ROM-Toronto - Type: HT: M26143 (a few mg)

Laueite

Strunz H: Naturwissenschaften,(1954) 41, 256

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

- Germany: IMK-TU-Berlin - Type: HT/CT: 89/193 (specimen with approx. 15 crystals up to 2mm, upon rockbridgeite); 89/192, 89/200, 92/54

Launayite

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

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

- Canada: GSC-Ottawa - Type: CT: 12176 (pol. sect.), 12177, 61062

Laurelite

Kampf AR, Dunn PJ, Foord EE: Amer.Min.(1989) 74, 927-933

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

- USA: LACMNH-Los Angeles - Type: HT: 33608
- USA: NMNH-Washington - Type: HT (part of): 166057 (don. LACMNH, AR Kampf)

Laurite

Wöhler F: Nachr.Ges.Wissensch. Göttingen (1866) 155-160

Indonesia - Borneo - Kalimantan (Pt-bearing sands)

- Germany: MSU-Göttingen - Type: T: 2.4.5.4.1

Lausenite

Lausen C: Amer.Min.(1928) 13, 203-229,(225-226, named Rogersite),594(named Lausenite, suggested by GM Butler)

USA - Arizona - Yavapai County - Jerome - United Verde mine

- USA: HMM-Cambridge - Type: T: 90537 (don. Univ. Arizona, 1929)

Formed by the burning of the pyritic ore in the mine.

Lautenthalite

Medenbach O, Gebert W: Neues Jahrb.Min.,Mh.(1993) 401-407

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

- Germany: RUB-Bochum - Type: HT: (some mg on a specimen of 5x3x3 cm)

Lautite

Frenzel A: Tscherm.Min.Petr.Mitt.(1881) 3, 515

Germany - Sachsen - Erzgebirge - Lauta (near Marienberg) - Rudolfschacht mine

- Germany: BAF-Freiberg - Type: T: 44485 (2 spec.) (??)

Lavendulan

Breithaupt A: Journ.prakt.Chem.(1853) 10, 505

Germany - Sachsen - Erzgebirge - Annaberg - Galiläische Wirtschaft mine

- Germany: BAF-Freiberg - Type: T: 20944 (don. Bergmeister von Froenberg 1835)

Lavenite

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

Norway - Vestfold - Larvik - Låven island [Langesund area]

- Sweden: SMNH-Stockholm - Type: HT: 531056

Lavrentievite

Vail'ev VI, Palchik NA, Grechishchev OK: Geol.Geofiz,(1984) 7, 54-63

Russia - Tuva - Kadyrelskoye- and Arzaks koye-ore-deposit

- Russia: CSGM-Novosibirsk - Type: :

In the oxidized zones of the ore

Lawsonbauerite

Dunn PJ, Peacor DR, Sturman BD: Amer.Min.(1979) 64, 949-952

USA - New Jersey - Sussex County - Ogdensburg - Sterling Hill mine (1300' level, 1570 stope)

- USA: NMNH-Washington - Type: HT: 143003 (cit. Dunn et al., 1979)

Lawsonite

Ransome FL: Univ.Calif.Bull.Dept.Geol.(1895) 1, 301-312

USA - California - Marin County - Tiburon Peninsula - Reed Station

- United Kingdom: NHM-London - Type: CT: BM 1933,239/46
- USA: NMNH-Washington - Type: T: 083635

Leakeite

Hawthorne FC, Oberti R, Ungaretti L, Grice JD: Amer.Min.(1992) 77, 1112-1115

India - Madhya Pradesh - Jhabua District - Kajlidongri Mn-mine

- Canada: CMN-Ottawa - Type: CT: CMN 58811 (few mg of powder)

Lechatelierite

Lacroix, A: Bull.Soc.fr.Min.(1915) 38, p. 182 and 198

USA - Arizona - Coconino County - Meteor Crater

- France: MHN-Paris - Type: T: 115.80 and 115.92 (don. A Lacroix)

Legrandite

Drugman J, Hey MH, Bannister FA: Min.Mag.(1932) 23, 175-178

Mexico - Nueva Leon - Municipio de Lampazos de Naranjo - Lampazos de Naranjo - Flor de Peña mine

- USA: HMM-Cambridge - Type: HT (part of): 92567 (don NHM via J Drugman, 1933)
- United Kingdom: NHM-London - Type: HT (part of): BM 1932,131
- USA: NMNH-Washington - Type: T: 114810 (don. MH Hey, 1960)

Leifite

Boggild OB: Meddr Gronland,(1915) 51, p. 429

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

- Denmark: GMK-Copenhagen - Type: CT (crist.): 1915, 1918 (several samples and vials with crystals)
- France: MHN-Paris - Type: T: 119279 (don. de Boggild)
- USA: NMNH-Washington - Type: T: 136173

Leightonite

Palache C: Amer.Min.(1938) 23, 34-37

Chile - Antofagasta - Chuquicamata (sulfate deposits)

- USA: HMM-Cambridge - Type: CT: 97540/4 (don. MC Bandy and OW Jarell)
- United Kingdom: NHM-London - Type: [CT: BM 1938,56 (4 samples)
- USA: NMNH-Washington - Type: T: C05536 (MC Bandy, thru Canfield coll., 1936)

Leisingite

Roberts AC, Groat LA, Grice JD, Gault RA, Jensen MC, Moffatt EA, Stirling JAR: Min.Mag.(1996) 60, 653-657

USA - Utah - Juab County - Tintic District - Centennial Eureka mine dumps (N39 56'38", W112 07'18")

- Canada: GSC-Ottawa - Type: HT: NMC 67882 (5 specimens, 1 SEM stub, several single crystal mounts)

Leiteite

Cesbron FP, Erd RC, Czamanske GK, Vachey H: Min.Rec.(1977) 8, 95-97

Namibia - Otavi - Tsumeb

- United Kingdom: NHM-London - Type: HT (part of): BM 1976,432
- USA: NMNH-Washington - Type: T: 137105
- Canada: ROM-Toronto - Type: HT: M34727 (a few mg)

Lemmleinite-Ba

Chukanov NV, Pekov IV, Rastsvetaeva RK, Zadov AE, Nedel'ko VV: ZVMO (2001) 130/3, 36-43
Russia - Kola Peninsula - Khibiny and Lovozero massif - Kukisvumchorr Mt. (Khibiny), Karnasurt Mt. and Maly Punkaruaiiv Mt. (Lovozero)

- Russia: FMM-Moscow - Type: T:

Lemmleinite-K

Khomyakov AP, Nechelyustov GN, Rastsvetaeva RK, Dorokhova GI: ZVMO (1999) 128/5, 54-63
Russia - Kola Peninsula - Khibiny massif - Koashva Mt.

- Russia: FMM-Moscow - Type: T: 1821/1

From hyperagpaitic pegmatites.

Lemoynite

Perrault G, Semenov EI, Bikova AV, Capitonova TA: Can.Min.(1969) 9, 585-596
Canada - Quebec - Rouville County - Mont Saint-Hilaire

- France: ENSM-Paris - Type: CT:
- Canada: ROM-Toronto - Type: HT (part of): M32124 (approx. 30mg)

Lengenbachite

Solly RH: Nature (1904) 71, 118 and Min.Mag.(1905) 14, 72-82 (p. 78)
Switzerland - Wallis - Binntal - Lengenbach

- France: MHN-Paris - Type: CT: 104.1158 (don. RH Solly)

TB Williams and A Pring in: Amer.Min.(1988) 73, 1426-1433 (TEM)

Leningradite

Vergasova LP, Filatov SK, Semenova TF, Anan'ev VV: DAN-SSSR,(1990) 310, 1434-1437
Russia - Kamchatka - Great Tolbachik fissure eruption (1975-1976)

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

Sublimate from the fumaroles

Lennilenapeite

Dunn PJ, Peacor DR, Simmons WB: Can.Min.(1984) 22, 259-263
USA - New Jersey - Sussex County - Franklin

- USA: HMM-Cambridge - Type: HT: 105542 (descr. from HMM-coll.)
- USA: NMNH-Washington - Type: CT: 140297 (JJ Trelawney coll., 1979) and R00582 (Roebing coll., 1927)

Lenoblite

Cesbron FP and Vachey H: Bull.Soc.fr.Min.Crist.(1970) 93, 235-241
Gabon - Dept. Haut-Ogooué - Franceville - Mounana (U- and V-deposit)

- France: ENSM-Paris - Type: CT: (don. FP Cesbron, 1970)
- United Kingdom: NHM-London - Type: CT: BM 1970,150
- USA: NMNH-Washington - Type: CT: 145134 (Stuart Fund, thru McGuinness, 1979)

Lepersonnite-(Gd)

Deliens M, Piret P: Can.Min.(1982) 20, 231-238
Zaire - Shaba - Likasi - Shinkolobwe uranium mine

- Belgium: MRAC-KMMA-Tervuren - Type: HT: RGM 13.781 (~50 mg)
- USA: NMNH-Washington - Type: T: 150.228

Lesukite

Vergasova LP, Stepanova EL, Serafimova EK, Filatov SK: ZVMO,(1997) 126, n2, 104-110

Russia - Kamchatka - Tolbachik, main fracture eruption 1975-1976,1984

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

Also found on a burning mine heap of the coal mine Deutschlandschacht near Oelsnitz by Zwickau, Saxony, Germany. DMG95/271, AUF1996/1/41-48

Letovicite

Sekanina J: Zeitschr.Krist.(1932) 83, 117-122

Czech Republic - Jihomoravsky (Southern Moravia) - Visky u Letovice

- Czech Republic: MMBr-Brno - Type: HT: A6110 (1mg)

TL of the first description: Southern Moravia, Wissek bei Lettowitz

Leucophanite

Erdmann A: Kongliga Vetenskaps-Akademines Handlingar,(1840) 19-21

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

- Norway: MGMU-Oslo - Type: PT: 24918

Leucophoenicite

Penfield SL and Warren CH: Amer.J.Sci., ser. 4 (1899) 8, 339-353

USA - New Jersey - Sussex County - Franklin

- USA: HMM-Cambridge - Type: T: 114565 (don. Yale Univ., GJ Brush coll. no. 4830)
- USA: NMNH-Washington - Type: T: 135739 (don. Yale Univ., no. B4830, cataloged 1899) and R03878 (don SL Penfield, thru Roebling coll., 1927)

Leucophosphite

Simpson ES: Journ.Roy.Soc.West. Australia (1932) 18, 69-74

Australia - Western Australia (SW) - Weelhamby Lake - Ninghanboun Hills (S29 10', E116 25')

- United Kingdom: NHM-London - Type: CT: BM 1932,1092
- USA: NMNH-Washington - Type: CT: 096772
- Australia: WAM-Perth - Type: HT: MDC6129 (part of), M69.1991 (one specimen, formerly 7111)

Leucosphenite

Flink G: Meddr Gronland,(1899) 24, p. 137

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

- Denmark: GMK-Copenhagen - Type: CT (cryst.): (Vials with crystals)
- France: MHN-Paris - Type: T: 100792 (acheté à G. Flink)

Levinsonite-(Y)

Rouse RC, Peacor DR, Essene EJ, Coscren TD, Lauf RJ: Geochim.Cosmochim. Acta (2001) 65, 1101-1115

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

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

Lévyclauidite

Moëlo Y, Makovicky E, Karup-Moller S, Cerveille B, Maurel C: Eur.J.Min.(1990) 2, 711-723

Greece - Thrace - Kirki district - Aghios Philippos Pb-Zn deposit

- France: ENSM-Paris - Type: T:
- Denmark: GMK-Copenhagen - Type: T:

Liandratite

Mücke A and Strunz H: Amer.Min.(1978) 63, 941-946

Madagascar - (Central-North) - Tsaratanana (40km NE of) - Berere (near) - Antsakoa I pegmatite

- Germany: IMK-TU-Berlin - Type: HT: and/or other types are missing (1993)
- USA: NMNH-Washington - Type: T: 145619A0 (don. A Mücke; same TS with and filed under Petscheckite)

Liddicoatite

Dunn PJ, Appleman DE, Nelen JE: Amer.Min.(1977) 62, 1121-1124

Madagascar - Antananarivo - Antsirabe

- Canada: GSC-Ottawa - Type: CT: 14100 (3g)
- USA: HMM-Cambridge - Type: CT (part of): 128762 (don. NMNH-Washington, no. 135815)
- France: MHN-Paris - Type: CT: 178.157 (= fragm. of NMNH 135815)
- United Kingdom: NHM-London - Type: CT: BM 1977,59
- USA: NMNH-Washington - Type: CT: 135815 (found in the collections, 1972)

Liebautite

Zöller MH and Tillmanns E: Zeitschr.Krist.(1992) 200, 115-126

Germany - Rheinland-Pfalz - Eifel area - Laacher See area, Nickenich (2km S of) - Sattelberg (Nickenicher Weinberg) scoria cone

- Germany: MMK-Kiel - Type: T:
- Germany: MMU-Würzburg - Type: T:

Liebenbergite

De Waal SA, Calk LC: Amer.Min.(1973) 58, 733-735

South Africa - Eastern Transvaal - Barberton District - Bon Accord Ni-deposit

- South Africa: CMT-Randburg - Type: HT(?):
- USA: NMNH-Washington - Type: CT: 132463 (same spec. with CT of bonaccordite and nimite)
- Canada: ROM-Toronto - Type: CT: M33443 (<1mg)

Likasite

Schoep A, Borchert W, Kohler K: Bull.Soc.fr.Min.Crist.(1955) 78, 83-88

Zaire - Shaba - Likasi - Likasi open pit

- France: ENSM-Paris - Type: CT:
- Belgium: MRAC-KMMA-Tervuren - Type: NT: RGM 655 (100 mg)
- USA: NMNH-Washington - Type: T: 107.463

Linarite

Glocker EF: Handb. Mineralogie,(1839) 2nd. ed., 618 (only name)

Spain - Andalucía - Jaén Province - Linares (N38 05', W3 38')

- Germany: BAF-Freiberg - Type: HT: 46.527 (1 sample)

Lindackerite

Haidinger W: Jahrb. k.-k. Geol.Reichsanst., Wien (1853) 4, 552

Czech Republic - Zapadocesky (Western Czechy) - Jachymov

- France: ENSM-Paris - Type: CT: (don. Machatschki, thru Cl. Guillemin, 1954, no. 15097)

TL of the first description: St. Joachimsthal, Western Bohemia

Lindgrenite

Palache C: Amer.Min.(1935) 20, 484-491

Chile - Antofagasta - Chuquicamata (sulfate deposits)

- United Kingdom: NHM-London - Type: [CT: BM 1936,102 (4 samples)
- USA: NMNH-Washington - Type: HT: 97527 (don. MC Bandy, 1934)

Lindqvistite

Holtstam D, Norrestam R: Amer.Min.(1993) 78, 1304-1312

Sweden - Värmland - Filipstad - Filipstad - Jakobsberg (N59 50', E14 06'30")

- United Kingdom: NHM-London - Type: HT (part of): BM 1992,375
- Sweden: SMNH-Stockholm - Type: HT: 38126

Found on a museum specimen

Lindsleyite

Haggerty SE, Smyth JR, Erlank AJ, Rickard RS, Danchin RV: Amer.Min.(1983) 68, 494-505

South Africa - Northern Cape Province - Kimberley - De Beers kimberlite pipe

- USA: NMNH-Washington - Type: T:
- South Africa: SANM-Cape Town - Type: T:

Lintisite

Khomyakov AP, Polezhaeva LI, Merlino S, Pazero M: ZVMO,(1990) 119, n3, 76-80

Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt.

- Russia: FMM-Moscow - Type: T:
- United Kingdom: NHM-London - Type: HT: BM 1994,013 (part of)

In pegmatite of nepheline-sodalite syenite

Liottite

Merlino S and Orlandi P: Amer.Min.(1977) 62, 321-326

Italia - Toscana - Grosseto - Pitigliano - Casa Collina quarry

- Italy: MSNU-Pisa - Type: T: 3209 (1 sample)

Lisetite

Smith DC, Kechid S-A, Rossi G: Amer.Min.(1986) 71, 1372-1377

Norway - Ramsdal - Selje district - Liset eclogite pod

- Italy: MDSTU-Pavia - Type: CT: G201b
- France: MHN-Paris - Type: CT: G201b7

Lisitsynite

Khomyakov AP, Nechelyustov GN, Sokolova EV, Hawthorne FC: ZVMO (2000) 129/6, 35-42

Russia - Kola Peninsula - Khibiny massif - Koashva Mt.

- Russia: FMM-Moscow - Type: T: 2611/1

Lithiomarsturite

Peacor DR, Dunn PJ, White JS, Grice JD, Chi PH: Amer.Min.(1990) 75, 409-414

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

- USA: NMNH-Washington - Type: HT & CT: 165268 (don. E McDanal, 1987) and 165460

Lithiophilite

Brush GJ and Dana ES: Amer.J.Sci., 3rd ser.(1878) 16, 118

USA - Connecticut - Fairfield County - Branchville

- France: MHN-Paris - Type: T: 78.32 (don. ES Dana)

Compare same authors in: Amer.J.Sci., 3rd ser.(1879) 18, 45

Lithiophosphate

Mathias VV, Bondareva AM: DAN-SSSR,(1957) 112, 124-126

Russia - Kola Peninsula - Olenya Tundra

- Russia: VGM-Moscow - Type: CT: 48601 (Mathias 1965)

In a pegmatite in amphibolite

Lithiotantite

Voloshin AV, Pakhomovskii YaA, Stepanov VI, Tyusheva FN: Mineral.Zhurnal,(1983) 5, n1, 91-95
Kazakhstan - (East) - Kalba range

- Russia: FMM-Moscow - Type::

In granite-pegmatite

Lithiowodginite

Voloshin AV, Pakhomovskii YaA, Bakhchisaraitsev AYu: Mineral.Zhurnal,(1990) 12, n1, 94-100
Kazakhstan - (East) - Kalba range

- Russia: FMM-Moscow - Type::

In albitic zones of granitic pegmatites

Lithosite

Khomyakov AP, Chernitsova NM, Christyakova NI: ZVMO,(1983) 112, 218-222
Russia - Kola Peninsula - Khibiny massif - Vuonnemiok river

- Russia: FMM-Moscow - Type: T:
- Russia: GIKB-Apatity - Type: T:
- United Kingdom: NHM-London - Type: HT: BM 1994,014 (part of)

In foidite

Litidionite

Scacchi E: Rend.Accad.Sci.fis.mat., Napoli (1880) 19, 175; Re-examination: Amer.Min.(1975) 60, 471-474 by
Martin Pozas JM, Rossi G, Tazzoli V

Italia - Campania - Napoli - Vesuvio, Monte Somma

- France: MHN-Paris - Type: T: 99.788 (don. A Scacchi)

Eruption 1873, fumarolic activity

Litvinskite

Pekov IV, Ekimenkova IA, Chukanov NV, Zadov AE, Yamnova NA, Egorov-Tismenko YuK: ZVMO (2000)
129/1, 45-53

Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt. - Shkatulka lode

- Russia: FMM-Moscow - Type: T:

Lizardite

Midgley HG: Min.Mag.(1951) 29, 526-530

Great Britain - England - Cornwall - The Lizard - Kennack Cove

- United Kingdom: NHM-London - Type: T: BM 19255,243 (1 sample)
- USA: NMNH-Washington - Type: T: 114569 (don. HG Midgley, 1960;=M573 and M708)

Löllingite

Haidinger W: Handb.bestimm.Mineral.(1845), 559

Austria - Kärnten - Hüttenberg district - Lölling

- Germany: BAF-Freiberg - Type: HT: 3617 (16 samples)

Named after Mohs, by whom the mineral was first described (1820), and who mentions Lölling

Londonite

Simmons WB, Pezzotta F, Falster AU, Webber KL: Can.Min.(2001) 39, 747-755

Madagascar - Antsirabe (43km SSW of), Manandona valley - Betafo region (Mahaiza, 33km SW of) - Pegmatites at Antandrokomby - and at Ampanivana and Antsongombato

- Italy: MCSN-Milano - Type: T: MSNM M31115 (Antandrokomby)

Lonecreekite

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

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

- South Africa: GSM-Pretoria - Type: HT: LCH002 (few g)

Lonsdaleite

Frondel C and Marvin UB: *Nature* (1967) 214, 587-589

Meteorite-USA - Arizona, Coconino County (N35 03', W111 02') - Meteorite Canyon Diablo - Iron, Octahedrite, IA

- USA: HMM-Cambridge - Type: CT: 130245 (described from HMM-coll.)

Discovered in the residue from the dissolution of 5 kg of Canyon Diablo meteorite material

Loparite-(Ce)

Fersman AE: *Comp.Rend.Acad.Sci.*(1922) 59, p59 and Kuznetsov IG in: *Izv.Geol.Kom.*(1925) 44, 6, 663-682

Russia - Kola Peninsula - Khibiny massif - Malyi Manepakhk Mt.

- France: MHN-Paris - Type: T: 125.7 (don. Fersman)

And Kuznetsov IG, Izv.Geol.Kom.(1925) 44, n6, 663

Lopezite

Bandy MC: *Amer.Min.*(1937) 22, 929-930

Chile - Tarapacá - Oficina Rosario - Iquique Pampa - Huara

- USA: NMNH-Washington - Type: T: C05487 (MC Bandy, thru Canfield coll., 1936)

Lorandite

Krenner JA: *Math. és Term.tud.Ert.*(1894) 12, 473

Macedonia - Rozden (near) - Allchar deposit

- Hungary: HNHM-Budapest - Type: HT: (destroyed 1956) today only TT

Lorenzenite

Flink G: *Meddr Gronland*,(1899) 24, p. 130

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

- Denmark: GMK-Copenhagen - Type: CT (crist.): (Several crystals and thin sections)
- France: MHN-Paris - Type: T: (acheté à G. Flink)

Loseyite

Bauer LH and Berman H: *Amer.Min.*(1929) 14, 150-153

USA - New Jersey - Sussex County - Franklin

- USA: HMM-Cambridge - Type: HT: 89344 (don. GS Stanton, 1927)
- USA: NMNH-Washington - Type: HT (part of) & T: 095984 (don. Harvard Univ., 1929) and 162599 (JJ Trelawney coll., 1985)

Lotharmeyerite

Dunn PJ: *Min.Rec.*(1983) 14, 35-36

Mexico - Durango - Municipio de Mapimi - Mapimi - La Ojuela mine (San Judas stope between 13th and 14th level)

- USA: NMNH-Washington - Type: HT: 149482 (don. C Segeler, 1982)

Loudounite

Dunn PJ and Newbury D: *Can.Min.*(1983) 21, 37-40

USA - Virginia - Loudoun County - Leesburg (near) - Goos Creek quarry

- USA: NMNH-Washington - Type: HT: 149397 (don. G Brewer, 1982)

Loughlinité

Fahey JJ and Axelrod JM: Amer.Min.(1948) 33, 195 (abstr.)

USA - Wyoming - Sweetwater County - Westvaco Trona mine (shaft of)

- USA: NMNH-Washington - Type: T: 117717 (don. U.S.Geol.Surv., 1965)

Compare JJ Fahey and JM Axelrod in: Amer.Min.(1960) 45, 270-281

Lovdarite

Men'shikov YuP, Denisov AP, Uspenskaya EI, Lipatova EA: DAN-SSSR,(1973) 213, 429-432

Russia - Kola Peninsula - Lovozero massif - Karnasurt Mt. - Jubilejnaja pegmatite

- France: ENSM-Paris - Type: CT:

Loveringite

Gatehouse BM, Grey IE, Campbell IH, Kelly P: Amer.Min.(1978) 63, 28-36

Australia - Western Australia (central part) - Norseman (near) - Jemberlana intrusion (S32 10', E121 50')

- Australia: MOV-Melbourne - Type: CT: M34208 (one grain)
- USA: NMNH-Washington - Type: T: 143350

Löweite

Haidinger W: Abh.Böhm.Ges.Wiss.Prag,(1846) vol. 4

Austria - Oberösterreich - Ischl salt mine

- Austria: NHMW-Wien - Type: CT: 583-585 (3 samples)

Luanheite

Shao Dianxin, Zhou Jianxiong, Zhang Jianhong, Bao Daxi: Acta Mineral. Sinica (1984) 4, 97-101

China - Hebei Province - Luanhe River (Au-Placer)

- China: NMG-Beijing - Type: T:

Luberoite

Jedwab J, Cervelle B, Gouet G, Hubaux X, Piret P: Eur.J.Min.(1992) 4, 683-692

Zaire - Kivu - Lubero - in alluvial deposits of the Lubero river (S0 10', E 29 14')

- Belgium: IRSNB-Brussels - Type: HT: RC 4.215 (one micro crystal)

Lucasite-(Ce)

Nickel EH, Grey IE, Madsen IC: Amer.Min.(1987) 72, 1006-1010

Australia - Western Australia - Kimberley Division-East - Argyle AK1 diamond mine (S16 40', E128 20')

- Australia: MOV-Melbourne - Type: CT: M38038
- USA: NMNH-Washington - Type: CT: 163783
- Australia: WAM-Perth - Type: CT: M75.1991 (one small grain)

Luddenite

Williams SA: Min.Mag.(1982) 46, 363-364

USA - Arizona - Mohave County - Artillery Peak (near) - Pb-Ag-Cu prospect (from dumps at a)

- United Kingdom: NHM-London - Type: CT: BM 1984,473/4

Ludjibaite

Deliens M, Piret P: Bull.Minéral.(1988) 111, 167-171

Zaire - Shaba - Likasi - Ludjiba copper deposit

- Belgium: IRSNB-Brussels - Type: HT: RC 3.514 (crust on pseudomalachite)
- Belgium: MRAC-KMMA-Tervuren - Type: CT: RGM 14.445

Ludlamite

Field F and Maskelyne NS: *Phil.Mag.*, 5th ser.(1877) 3, 52

Great Britain - England - Cornwall - Truro, Kea - Wheal Jane

- France: MHN-Paris - Type: T: 179,190 (don. Ludlam, 1877)
- United Kingdom: NHM-London - Type: CT: 44187 (1 sample) and BM 1951,457

Ludlockite

Davis RJ, Embrey PG, Hey MH: *Proc.Int.Min.Ass.*; *Tokyo-Min.Soc. Japan Spec.Pap.*(1970) 1, 264

Namibia - Otavi - Tsumeb

- United Kingdom: NHM-London - Type: HT: BM 1969,215-216

Ludwigite

Tschermak G: *Tscherm.Min.Mitt.*(1874) p. 59

Romania - Banat - Ocna de Fier - Iuliana mine

- Austria: NHMW-Wien - Type: HT: A.a.6315 (1 spec.)

TL at the time of description: Hungary, Vaskö, Morawicza

Lueshite

Safiannikoff A: *C.R.Acad.roy.Sci.Outre-Mer,Brussels*,(1959) 5, 1251-1255

Zaire - Kivu - Rutshuru - in the carbonatite of Lueshe

- Belgium: MRAC-KMMA-Tervuren - Type: HT: RGM 8.269 (a lot of 5mm isolated crystals)
- United Kingdom: NHM-London - Type: CT: BM 1960,440

Luetheite

Williams SA: *Min.Mag.*(1977) 41, 27-32

USA - Arizona - Santa Cruz County - Patagonia mining district - from a dump (N 31 27.95' W110 44.45')

- France: MHN-Paris - Type: T: (don. SA Williams)
- United Kingdom: NHM-London - Type: CT: BM 1980,536
- USA: NMNH-Washington - Type: T: 135810 (don. RD Luethe, 1976)

Lukechangite-(Ce)

Grice JD, Chao GY: *Amer.Mineral.*(1997) 82, 1255-1260

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

- Canada: CMN-Ottawa - Type: CT: CMN MI 81535 (7 pieces of matrix, 3 vials of grains, 3 xl mounts, 1 WDS mount)

Lukrahnite

Krause W, Blass G, Bernhard HJ, Effenberger H: *Neues Jahrb.,Mh.*(2001) 481-492

Namibia - Tsumeb

- Germany: RUB-Bochum - Type: T:

Lulzacite

Moelo Y, Lasnier B, Palvadeau P, Leone P, Fontan F: *C.R.Acad.Sci.Paris IIA* (2000) 330, 317-324

France - Loire-Atlantique - Nantes (N of) - Châteaubriant (8km W of) - Saint-Aubin-des-Châteaux (700m S of, Bois de la Roche quarry)

- France: ENSM-Paris - Type: T: 46438
- France: MHN-Paris - Type: T: 198161
- France: U-Paris - Type: T:

Lüneburgite

Nöllner C: *Königl.baierisch.Akad.Wiss.München*,(1870) 1, 291

Germany - Niedersachsen - Hannover - Lüneburg

- USA: NMNH-Washington - Type: T: 162602

Lun'okite

Voloshin AV, Pakhomovskii YaA, Tyeshcheva FN: ZVMO,(1983) 112, 232-237

Russia - Kola Peninsula - Vozonya tundra - Lun'ok river

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

In granitic pegmatites

Luzonite

Weisbach A: Tschermaks Min.Mitth.(1874) p. 257*

Philippines - Luzon Island - Mantayan (or Mancayan)

- Germany: BAF-Freiberg - Type: HT: 6969

*Naming the mineral described by C Zerrener in: *Berg- und Hüttenmänn. Ztg.*(1869) 28, p. 105 and 113

Lyonsite

Hughes JM, Starkey SJ, Malinconico ML, Malinconico LL: Amer.Min.(1987) 72, 1000-1005

El Salvador - Izalco Volcano - Fumaroles (fumarolic sublimate)

- USA: NMNH-Washington - Type: CT: 164470 (don. JM Hughes, 1987)