

Imoriite-(Y)

Kato A, Nagashima K: Introduction to Japanese Min.(1970), 39 and 85-86

Japan - Honshu - Fukushima Pref. - Kawamata machi - Fusamata (and from the nearby Suishomaya)

- USA: NMNH-Washington - Type: T: 120635 (don. A Kato, 1967)
- Japan: NSM-Tokyo - Type: T: M-21037 (1 sample)

Ikunolite

Kato A: Min.Journ.Japan (1959) 2, 397-407

Japan - Honshu - Hyogo Pref. - Kanagase - Ikuno mine (in a quartz vein)

- Japan: NSM-Tokyo - Type: T: M-15837 (1 sample)

Ilinskite

Vergasova LP, Semenova TF, Shuvalov RR, Filatov SK, Anan'yev VV: DAN,(1997) 353, n5, 641-644

Russia - Kamchatka - Tolbachik main fracture eruption (fumaroles)

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

Ilmajokite

Bussen IV, Gannibal LF, Goiko EA, Mer'kov AN, Nedorezova AP: ZVMO,(1972) 101, 75-79

Russia - Kola Peninsula - Lovozero massif - Ilmajok valley, Karnasurt Mt. - near the Yubileinaya pegmatite

- France: ENSM-Paris - Type: CT:
- Russia: FMM-Moscow - Type: T: 74041, 74080, 74490/91
- Russia: GIKB-Apatity - Type: T: 3152/53, 3223
- Russia: MM-St.Petersburg - Type: T: 1061/1-2

From the central natrolitic zone of pegmatites

Iltisite

Sarp H, Sanz-Gysler J, Perroud P: Archs Sci. Geneve,(1997) 50, n1, 1-5

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

- Switzerland: MHN-Genève - Type: HT:

Imandrite

Khomyakov AP, Chernitsova NM, Sandomirskaya SM, Vasil'eva GL: Min.Zhurnal,(1979) 1, 89-93

Russia - Kola Peninsula - Khibiny massif - Vuonnemiok river valley - Imandra Lake (near)

- Russia: FMM-Moscow - Type: T: 80181
- Russia: GIKB-Apatity - Type: T: 5530

In a drill core in pegmatitic alkaline rocks

Imgreite

Yushko-Zakharova OE: DAN-SSSR,(1964) 154, 613-614

Russia - Kola Peninsula - Monchegorsk region - Nittis-Kumuzh'ya deposit

- United Kingdom: NHM-London - Type: HT: BM 1994,010 (part of)

Imhofite

Burri G, Graeser S, Marumo F, Nowacki W: Chimia (1965) 19, 499-455

Switzerland - Wallis - Binntal - Lengenbach

- Switzerland: NMBE-Bern - Type: HT: L3491-64

V Diviakovic and W Nowacki in: Zeitschr.Krist.(1976) 176, 323-333 (structure)

Imiterite

Guillou J-J, Monthel J, Picot P, Pillard F, Protas J, Sahama J-C: Bull.Min.(1985) 108, 457-464

Morocco - Anti Atlas - Jbel Sarhro - Imiter mine

- France: BRGM-Orleans - Type: CT: (pol. section)
- France: ENSM-Paris - Type: CT: (pol. section)

Inaglyite

Rudashevskii NS, Mochalov AG, Begizov VD, Men'shikov YuP, Shumskaya NI: ZVMO,(1984) 113, 712-717

Russia - Yakutiya (W) - Aldan shield - Inagli alkalie-ultramafic massif

- Russia: MM-St.Petersburg - Type: T: 1499/1

Included within isoferroplatinum. 2nd TL: Ural, Nizhny Tagil

Incaite

Makovicky E: Neues Jahrb.Min.,Mh.(1974) 235-256

Bolivia - Oruro Dep. - Poopo - Mina Santa Cruz

- Canada: McGU-Montreal - Type: T:

Indigirite

Indolev LN, Zhdanov YuYa, Kashertseva KI, Soknev VS, Del'Yanidi KI: ZVMO,(1971) 100, 178-183

Russia - Yakutiya (W) - Indigirko river basin (upper part of the) - Sarykakh Au-Sb-deposit

- Russia: FMM-Moscow - Type: T: 76565/66
- Russia: YIGS-Yakutsk - Type::

Indite

Genkin AD, Murav'eva IV: ZVMO,(1963) 92, 445-457

Russia - Khabarovsk Territory - Malyy Khingan ridge - Dzhalinga ore deposit (Sn)

- Russia: FMM-Moscow - Type: T: 65279
- Russia: MM-St.Petersburg - Type: T: 1069/1

Inesite

Schneider A: Jahrb.Preuss.Geol.Landesanst.(1887) p. 472

Germany - Hessen - Marburg - Dillenburg (NE) - Nanzenbach, Grube Hilfe Gottes

- Germany: MMM-Marburg - Type: T:

Ingersonite

Dunn PJ, Peacor DR, Criddle AJ, Stanley CJ: Amer.Min.(1988) 73, 405-412

Sweden - Värmland - Filipstad - Filipstad - Langban

- Sweden: BS-Filipstad - Type: CT:
- United Kingdom: NHM-London - Type: HT: BM 1986,410 (part of)
- USA: NMNH-Washington - Type: HT: 163012 (on same specimen with type filipstadite)

Innelite

Kravchenko SM, Vlasova EV, Kazakova ME, Ilkhin VV, Abrashev KK: DAN-SSSR,(1961) 141, 1198-1199

Russia - Yakutiya-SW - Aldan region - Inagli massif

- Russia: MM-St.Petersburg - Type: T: 8469/1-2
- USA: NMNH-Washington - Type: T: 143822

In aegirine-eckermannite-microcline pegmatites. Inneli = Yakut name for Inagli river.

Insizwaite

Cabri LJ, Harris DC: Min.Mag.(1972) 38, 794-800

South Africa - Eastern Cape Province - Transkei, Pondoland - Insizwa - Waterfall Gorge deposit

- Canada: GSC-Ottawa - Type: CT: 10400

Intersilite

Khomyakov AP, Roberts A, Nechelyustov GN, Yamnova NA, Pushcharovskii DYu: ZVMO,(1996) 123, n4, 79-85
Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt.

- Russia: FMM-Moscow - Type: T: 1601/1

Inyoite

Schaller WT: J. Washington Acad.Sci.(1914) 4, 354-356

USA - California - Inyo County - Death Valley, Black Mountains, Mount Blanco - Mount Blanco mine

- USA: NMNH-Washington - Type: T: 087237 (don. U.S.Geol.Surv., 1914; the same specimen with type of meyerhofferite) and 093639 (don. U.S.Geol.Surv., 1919)

Iodargyrite

Leymerie A: Cours Min.(1859) 2, 386

Mexico - Municipio de Mazapil - Mazapil (near), Albarradón - Albarradón mine

- France: MHN-Paris - Type: T: 53.558/9 (coll. LN Vauquelin)

Iowaite

Kohls DW and Rodda JL: Amer.Min.(1967) 52, 1261-1271

USA - Iowa - Sioux County - (diamond drill core in serpentinite)

- USA: NMNH-Washington - Type: T: 121706 (don. New Jersey Zinc Comp., thru DW Kohls, 1969)

Iquiqueite

Ericksen GE, Mrose ME, Marinenko JW, McGee JJ: Amer.Min.(1986) 71, 830-836

Chile - Tarapacá - Zapiga - Iquique - Nitrate fields

- USA: NMNH-Washington - Type: T: 163774 (0.2g of purified type material, specimen; don. U.S.geol.Surv., 1986)

Iranite

Bariand P and Herpin P: Bull.Soc.fr.Min.Crist.(1963) 86, 133-135

Iran - Esfahan - Anarak (NE of), (N33 10', E53 44') - Ancient Sebarz mine

- France: ENSM-Paris - Type: CT: (don. "Sorbonne no. 16570", thru P Bariand, 1963)
- United Kingdom: NHM-London - Type: CT: BM 1969,52

Iraqite-(La)

Livingstone A, Atkin D, Hutchinson D, Al-Hermezi HM: Min.Mag.(1976) 40, 441-445

Iraq - Qala-Dizeh region - Hero - Shakhi-Rash Mountains

- France: ENSM-Paris - Type: CT: (don. A Livingston, 1974)
- United Kingdom: NHM-London - Type: CT: BM 1973,481

Irthemite

Pierrot R and Schubnel HJ: Bull.Soc.fr.Min.Crist.(1972) 95, 365-370

Morocco - Anti Atlas - Quazatate (S of) - Irthem and Bou Azzer

- France: ENSM-Paris - Type: HT: ("Mission S.C.E.M., 1967", some 100mg)
- France: MHN-Paris - Type: CT: 175.187 (= "fragm. du type optique")

Iridarsenite

Harris DC: Can.Min.(1974) 12, 280-284

Papua - New Guinea - Ioma area (Port Moresby, NNE of) - Waria River

- Canada: GSC-Ottawa - Type: HT: 12160 (polished section)

Iriginite

Ephstein GYu: ZVMO,(1958) 87, 79-80 (and (1959) 88, 564-570)

Russia - Chita Oblast - Transbaikalia - N-Udokan Range - Aleksandrovsky Golets occurrence

- Russia: MM-St.Petersburg - Type: T: 1257/2

In orig. lit. TL undisclosed. Mineral found 1951 by Ephstein, the name have mentioned several times before 1958.

Irtysbite

Voloshin AV, Pakhomovskii YaA, Bulgak LV, Perlina GA: Min.Zhurnal,(1985) 7, 83-87

Kazakhstan - (East) - Irtys river - Kalba range

- Russia: FMM-Moscow - Type::

Isocubanite

Caye R, Cervelle B, Cesbron F, Oudin E, Picot P, Pillar F: Min.Mag.(1988) 52, 509-514

Ocean - Pacific - East Pacific Rise (found in modern black-smokers sulfide chimneys)

- France: ENSM-Paris - Type: CT:

Found also in the Red Sea

Isokite

Deans T and McCounell JDC: Min.Mag.(1955) 30, 681-691

Zambia - Northern Prov. - Muchinga Mts. - Isoka (15 mls E of) - Nkumbwa Hill

- United Kingdom: NHM-London - Type: CT: BM 1957,3/4

Isolueshite

Chakhmouradian A, Yakovenchuk V, Mitchell RH, Bogdanova A: Eur.J.Min.(1997) 9, 483-490

Russia - Kola Peninsula - Khibiny massif - Kukisvumchorr apatite deposit

- Russia: MM-St.Petersburg - Type: CT: 1/18271
- Russia: MM-St.Petersburg - Type: CT: 3007

Isomertieite

Clark AM, Criddle AJ, Fejer EE: Min.Mag.(1974) 39, 528-543

Brazil - Minas Gerais - Itabira

- United Kingdom: NHM-London - Type: HT: BM 1977,260
- USA: NMNH-Washington - Type: T: 142504B0 (on same specimen with and filed under arsenopalladinite, CT)

Isovite

Generalov ME, Naumov VA, Mokhov AV, Trubkin NV: ZVMO,(1998) 127, n.5, 26-37

Russia - Central Ural - Ekaterinburg - Isovsky area (N58 47' E59 48')

- Russia: FMM-Moscow - Type: T:

Has been discovered within polyphase grains revealed in the concentrate together with gold and PGM-minerals.

Itoigawaite

Miyajima H, Matsubara S, Miyawaki R, Ito K: Min.Mag.(1999) 63, 909-916

Japan - Niigata Prefecture - Itoigawa-Ohmi District - Himekawa river - Oyashirazu (on the seashore of)

- Japan: FMM-Niigata - Type: T: FMM 00662
- Japan: NSM-Tokyo - Type: T: M-27872

Itoite

Frondel CI, Strunz H: Neues Jahrb.Min.,Mh.(1960) 132-142

Namibia - Otavi - Tsumeb (level 6-8)

- Germany: IMK-TU-Berlin - Type: HT: 57/1405 (spec. with white film on plumbojarosite and mimetite)

Iwakiite

Matsubara S, Kato A, Nagashima K: Min.Journ. Japan (1979) 9, 383-391

Japan - Honshu - Fukushima Pref. - Iwaki - Gozaisho mine (in the Mn-ores)

- USA: NMNH-Washington - Type: T: 132923 (don. A Kato and S Matsubara, 1974)
- Japan: NSM-Tokyo - Type: T: M-21865 (1 sample)

Ixiolite

Nordenskiöld AE: Ann.Phys.Chem.(Poggendorf),(1857) 4th ser., 11, 625-634 - re-examination in Amer.Min.(1963) 48, 961-979

Finland - Turun-Porin Lääni - Kimito (=Kemiö; 8km W of) - Skogböle

- Poland: MMWr-Wroclaw - Type: T: II-4874 (don. AE Nordenskiöld)
- France: MHN-Paris - Type: T: 115167 (don. AE Nordenskiöld)

Izoklakeite

Harris DC, Roberts AC, Criddle AJ: Can.Min.(1986) 24, 1-5

Canada - Northwest Territories - Mackenzie District - Itchen Lake (N of) - Izok Lake mine

- Canada: GSC-Ottawa - Type: CT: ?
- United Kingdom: NHM-London - Type: HT (part of): BM 1983,75
- Canada: ROM-Toronto - Type: CT: M42920 (pol. section)