

Catalogue of mineral species occurring in Canada (2019)

Revision 12, updated 2019 06 27

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Hilarite

Twinned prismatic crystals. Field of view 1.5 mm high.
Poudrette quarry, Mont Saint-Hilaire, Québec, Canada [TL]

Horváth collection HC9296

Photo © László Tóth

Introduction

This is the 12th revision of this internet-hosted, universally accessible **Catalogue**, which was inspired by and provides continuity to the long tradition of earlier compilations of Canadian mineral species and their occurrences. The first such compilation was made by T.S. Hunt and appeared as Chapter XVII in the 19th century classic, *Geology of Canada* (Logan *et al.* 1863), which listed 70 species, including two new minerals and noted their geographic occurrences. The *Annotated list of minerals occurring in Canada* by G.C. Hoffmann, published in 1889, listed 180 species and 95 varieties with detailed locality information. An independent monograph, *A list of Canadian mineral occurrences*, by R.A.A. Johnston, followed in 1915, with 260 mineral entries with their occurrences, chemical analyses and references. Fifty-five years elapsed before the next compilation, the monumental *Catalogue of Canadian minerals*, by R.J. Traill, appeared in 1970. This work listed 450 species and literally thousands of individual occurrences, especially for economically significant minerals. Traill's catalogue was updated by a supplement in 1974, and a last complete and updated printed version was published in 1983 (**T83**); this version listed 699 species. A very significant proportion of the data in Traill's catalogue was obtained from the popular series of Geological Survey of Canada (GSC) publications titled *Rocks and minerals for the collector*. All except one of the series were compiled by Ann P. Sabina of the GSC. Over a period of at least two decades, Sabina visited and documented the minerals of hundreds of localities in all parts of the country that resulted in the publication of regional collecting guides, starting in the early 1960s. The series was later updated by Sabina and republished. Most of these guides and **T83** became available in 2014 for free downloading in pdf format from the Geological Survey of Canada (GSC) website.

To highlight Canadian type minerals, *Mineral species from Canadian type localities: an annotated list*, was compiled by R. Gait (Gait 1983) and a more detailed work, *Mineral species discovered in Canada and species named after Canadians* (Horváth 2003), followed 20 year later. Both of these compilations were published by the *Canadian Mineralogist*, the former as an article and the latter as a hardcover book: Special Publication No.6.

Since an updated and printed version, similar in style to Traill's catalogue is unlikely, due to the scope of the work and cost of publishing, I thought that a simplified format, like the present document would be a useful substitute. This web-hosted **Catalogue** posted on the Mineralogical Association of Canada (MAC) website, has the advantage of being frequently updated and universally accessible on the internet. The first version of this **catalogue** began as a modest compilation of all mineral species found in Canada, with one or more cited references in readily accessible literature for the listed minerals, without identifying the geographic occurrences. The cited references however did provide the precise locality information. To make the **Catalogue** more useful, starting with Revision 5, I began to add locality information and to include multiple localities and references, especially for rare and unusual species. This is an ongoing process and with Revision 9, nearly all the rare and unusual species have been updated with most, or in some cases all the known Canadian occurrences. For the remaining more common and economically important species, Traill's 1983 catalogue with its detailed locality information, denoted as (**T83**), will remain an important reference for occurrences known before 1980, especially with its recent availability (see above). Traill's work also contains analytical data for many species which may be of interest to some users. However, due to its age (last updated to 1980) and the significant mineralogical nomenclature and toponimic changes (the splitting of Northwest Territories and the creation of Nunavut Territory, Quebec's administrative changes from townships (canton) and

counties (comté) to RCMs (MRC) and regions etc.) in the last 39 years, its usefulness is slowly diminishing. At the same time the mineralogical and locality data available from internet-based databases such as MINDAT are constantly increasing in scope and volume, and improving in quality. MINDAT, (www.mindat.org) is the largest and constantly updated mineralogical database and is an excellent resource for Canadian minerals and precise and up to date toponimic descriptions of their occurrences and for thousands of photographic images of mineral specimens and their localities.

Revision 1 of the present catalogue was first compiled by the author in 2003, and was posted on the Mineralogical Association of Canada (MAC) website the same year. In that first revision, I have added more than 470 species to Traill's 699 mineral species, found through a meticulous literature search. Additional data were kindly provided by the individuals listed in the acknowledgement below. Traill's 1983 catalogue also required many corrections due to very significant changes in mineral nomenclature in the period of 1980-2003, particularly the introduction of the Levinson-type suffixes appended to mineral names for rare-earth minerals, zeolites and the labuntsovite group.

Revision 1 (2003) listed 1298 species, and included changes and corrections made necessary by the implementation of new or revised IMA sanctioned nomenclature for:

Rare-earth element minerals (Levinson 1966, Nickel & Mandarino 1987, Bayliss & Levinson 1988)

Pyroxene group (Morimoto 1988)

Platinum-group elements and alloys (Harris & Cabri 1991)

Amphibole group (Leake *et al.* 1997 & 2003)

Zeolite group (Coombs *et al.* 1997)

Mica group (Rieder *et al.* 1998)

Joaquinite group (Matsubara *et al.* 2001)

Labuntsovite group (Chukanov *et al.* 2002)

Hellandite group (Obert *et al.* 2002)

Eudialyte group (Johnsen *et al.* 2003).

Revision 2 (2004) listed 1363 species.

Revision 3 (2005) listed 1393 species.

Revision 4 (2006) listed 1403 species, or more than double the number of species in Traill's (1983) catalogue. This revision also had an important new addition, the approximately 130 unnamed mineral phases reported from Canadian occurrences.

Revision 5 (2008): Listed 1419 species and type localities (TL) for the more than 200 minerals first described from Canada, and localities for selected rare and exotic species have been added and incorporated changes following new or revised IMA nomenclatures:

Arrojadeite group (Chopin *et al.* 2006)

Epidote group (Armbruster *et al.* 2006)

Sulfosalts (Moëlo *et al.* 2008)

Revision 6 (2009): Listed 1452 confirmed species, and 79 IMA codified, unnamed Canadian minerals (Smith & Nickel 2007). Significant nomenclature changes (Burke 2006 & 2008) were also incorporated in this revision.

Revision 7 (2010): 44 pages, listed 1466 species and 79 IMA CNMNC codified, unnamed minerals and incorporated changes sanctioned by the new IMA nomenclatures:

Sapphirine and surinamite groups (sapphirine supergroup) (Grew *et al.* 2008)

Lovozero group (Pekov *et al.* 2009)

Apatite supergroup (Pasero *et al.* 2010)

Pyrochlore supergroup (Atencio *et al.* 2010) [Note: minerals of this supergroup listed for some localities in the catalogue may not be fully evaluated or updated to the new nomenclature]

Revision 8 (2012): a total of 54 pages, listed 1502 species and 79 unnamed minerals. Major additions of localities and references.

Toumaline supergroup (Henry *et al.* 2011) [Note: minerals of this supergroup listed for some localities in the catalogue may not be fully evaluated or updated to the new nomenclature]

Revision 9 (2013): A total of 76 pages, listing approximately 1551 species and 79 unnamed minerals (IMA CNMNC list updated to 2011) and includes a separate list of Canadian type minerals. It also incorporates major additions of localities and references and the following new or revised IMA nomenclatures:

Hydrotalcite supergroup (Mills *et al.* 2012)

Amphibole supergroup (Hawthorne *et al.* 2012) [Note: minerals of this supergroup listed for some localities in the catalogue may not be fully evaluated or updated to the new nomenclature]

Garnet supergroup (Grew *et al.* 2013)

Hollandite group (Biagioni *et al.* 2013)

Clarification of status in the pyrochlore supergroup (Christy & Atencio 2013)

Revision 10 (2014): A total of 87 pages, listing approximately nearly 1600 species and 79 unnamed minerals (IMA CNMNC list updated to 2011; no change since Rev. 9) and includes a separate list of Canadian type minerals with updated locality designations (mostly Québec). It also incorporates major additions of localities and references and the following new or revised IMA nomenclatures:

IMA CNMNC guidelines for the use of suffixes and prefixes in mineral nomenclature, and for the preservation of historical names. (Hatert *et al.* 2013)

Revision 11 (2017): A total of 100 pages, listing approximately 1667 species and 80 unnamed minerals (IMA CNMNC list updated to 2011; no change since Rev. 9). This revision of the catalogue has 66 additional minerals including 15 new species. It also incorporates major additions of localities and references and the following new or revised IMA nomenclatures:

Perovskite supergroup (Mitchell *et al.* 2017)

Astrophyllite supergroup (Sokolova *et al.* 2017)

Revision 12 (2019): A total of 112 pages, listing approximately 1770 species and 80 unnamed minerals (IMA CNMNC list updated to 2011; no change since Rev. 9). With this revision of the catalogue the number of species surpasses the last Traill catalogue (T83) by more than 1000 species. It also incorporates major additions of localities and references and the following new or revised IMA nomenclatures:

Seidozerite supergroup (Sokolova, E. & Cámara, F. 2017)

Astrophyllite supergroup (Sokolova *et al.* 2017)

* IMA CNMNC – International Mineralogical Association, Commission on New Minerals, Nomenclature and Classification: an international body, responsible for the approval of new mineral species, mineral names and mineral nomenclature.

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Contributions are encouraged and much appreciated in this ongoing project by anyone able to provide reliable information on additional species and localities not included in this catalogue. Any new information submitted will be appended to this catalogue periodically. The data required for inclusion in the catalogue: **(1)** the mineral name, **(2)** locality and **(3)** reference(s), preferably from recognized and generally available publications. In the case of unpublished occurrences the name of the investigator and locality information would be desirable. Any comments and corrections to improve the catalogue and especially new information on species not yet represented in the catalogue are very much welcome and appreciated.

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References

Abbreviations:

AC = *Acta Crystallographica*;
AG = *Atlantic Geology (Canada)*;
AJS = *American Journal of Science*;
AM = *American Mineralogist*;
APMC = *Acta Petrologica et Mineralogica (China)*;
BCIMM = *Bulletin of the Canadian Institute of Mining and Metallurgy*;
BCMEB = *British Columbia Ministry of Energy Bulletin*;
BCMEMP = *British Columbia Ministry of Energy & Mines*;
BdM = *Bulletin de Minéralogie (France)*;
BJ = *Bergmännisches Journal (Germany 1787->)*;
BSGF = *Bulletin Société Géologiques de France*;
CdE = *Chemie der Erde (Germany)*;
CG = *Canadian Geographic*;
CIMM SV = *Canadian Institute of Mining and Metallurgy Special Volume*;
CJC = *Canadian Journal of Chemistry*;
CJES = *Canadian Journal of the Earth Sciences*;
CJR = *Canadian Journal of Research*;
CJSS = *Canadian Journal of Soil Science*;
CM = *Canadian Mineralogist*;
CMJ = *Canadian Mining Journal*;
CMN = *Canadian Museum of Nature (Ottawa)*;
CMNMC = *Canadian Museum of Nature Mineral Collection (specimens with catalogue numbers)*;
CMP = *Contributions to Mineralogy and Petrology*;
CR = *Canadian Rockhound*;
Dana97 = *Gaines et al. (1997) Dana's New Mineralogy*
EG = *Economic Geology*;
ENVG = *Environmental Geology*
EJM = *European Journal of Mineralogy*;
EMG = *Exploration and Mining Geology*;
EPSL = *Earth & Planetary Science Letters*;
ESR = *Earth Science Reviews*;
GEEA = *Geochemistry: Exploration, Environment, Analysis*;
GCA = *Geochimica et Cosmochimica Acta*;
GOD = *Geology of Ore Deposits (Russia)*;
GSCAR = *Geological Survey of Canada Annual Report*;
GSCEGR = *Geological Survey of Canada, Economic Geology Report*;
GSCMB = *Geological Survey of Canada, Museum Bulletin*;
GSCMR = *Geological Survey of Canada, Miscellaneous Report*;
GSCOF = *Geological Survey of Canada, Open File*
GSCP = *Geological Survey of Canada, Paper*;
GSCSR = *Geological Survey of Canada, Summary Report*;
HBM = *Handbook of Mineralogy, Anthony et al. (1990-2003)*;
IC = *Icarus (Elsevier)*

JCS = *Journal of the Chemical Society (London)*;
JG = *Journal of Geology*;
JGE = *Journal of Geochemical Exploration*
JP = *Journal of Petrology*;
JPC = *Journal für Praktische Chemie (Germany 1824 ->)*
JPAL = *Journal of Paleolimnology*;
Lapis = *Lapis Mineralien Magazine (Germany)*;
LPS = *Lunar & Planetary Science*;
LRM = *Le Règne Minéral (France)*;
MD = *Mineralium Deposita*;
MGSR = *Manitoba Geological Survey Report*;
MM = *Mineralogical Magazine (UK)*;
Mnews = *Micronews [Canadian Micro Mineral Association]*;
MP = *Mineralogy & Petrology*;
MPS = *Meteoritics and Planetary Science*;
MRNQP = *Ministère des Richesses Naturel Québec, Paper*;
MW = *Mineralien Welt (Germany)*;
MR = *Mineralogical Record (USA)*;
NAL = *Nova Acta Leopoldina*;
NBMOD = *New Brunswick Mineral Occurrence Database*;
NComm = *Nature Communications (Springer)*
NJbM = *Neues Jahrbuch für Mineralogie, Monatshefte (Germany)*;
NSDMR = *Nova Scotia Department of Mines Report*;
NSDNRR = *Nova Scotia Department of Natural Resources Report*;
NSMOD = *Nova Scotia Mineral Occurrence Database*;
OBMAR = *Ontario Bureau of Mines Annual Report*;
ODMAR = *Ontario Department of Mines Annual Report*;
ODMGR = *Ontario Department of Mines Geological Report*
ODMMR = *Ontario Department of Mines Miscellaneous Report*;
OGR = *Ore Geology Reviews*;
OGSOFR = *Ontario Geological Survey Open File Report*;
OGSS = *Ontario Geological Survey Study (#)*;
PET = *Petrology*;
PD = *Powder Diffraction*;
QDMGR = *Quebec Department of Mines Geological Report*;
RM = *Rocks & Minerals (USA)*;
RMG = *Reviews in Mineralogy & Geochemistry (MSA & GS publication)*;
ROM = *Royal Ontario Museum collection (Toronto)*;
RRUFF = *University of Arizona Raman spectroscopy database*;
RMI = *Rivista Mineralogica Italiana (Italy)*;
SG = *Sedimentary Geology*
TRSC = *Transactions, Royal Society of Canada*;
T83 = *Trail (1983) Catalogue of Canadian minerals*
UTGS = *University of Toronto Geological Series, Contributions to Canadian Mineralogy*;
YEG = *Yukon Exploration and Geology*
ZoW = *Zeolites of the world. (Tschernich 1992)*

ZRMO = *Zapiski Rossiyskogo Mineralogicheskogo Obshchestva* (>1992) (Russia);

ZVMO = *Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva* (<1992) (Russia);

Only selected references mainly monographs, standard reference books, guides, postgraduate theses and papers on nomenclature are included in the listing below. The preferred sources are professional mineralogical publications such as *Geological Survey of Canada* papers, reports, memoirs; professional society journals such as *Canadian Mineralogist*, *American Mineralogist*, *Mineralogical Magazine*, *European Journal of Mineralogy*, *Economic Geology* etc.; or peer-reviewed collectors' magazines like *Mineralogical Record* and similar publications. Relevant abbreviated references are shown with individual species. The convention used is as follows: (CM 31, 685)[locality, province] = Canadian Mineralogist volume 31, starting page 685 [locality, province]; for type minerals no abbreviations are used and full pagination is given. Obscure or not readily available references will be replaced if and when the same information becomes available in more readily available (and preferably English language) publications.

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Locality abbreviations appearing in the catalogue (use optional):

ACC = Aley carbonatite complex, Northern Rocky Mountains, BC
BFR = Big Fish River, Dawson Mining District, YU [includes Areas C 15 & 16 of Robinson *et al.* (1992)]
CRE = Crevier alkaline complex, Maria-Chapdelain RCM, Saguenay-Lac-Saint-Jean, QC
CWL = Coldwell alkaline complex, Marathon, ON
ELU = Evans-Lou Mine, Val-des-Monts, Les Collines-de-l'Outaouais RCM, Outaouais, QC
FQM = Francon quarry, Montréal, QC
IRC = Ice River alkaline complex, Golden Mining Division, BC
JMA = Jeffrey mine, Asbestos, Les Sources RCM, Estrie, QC [former ~~Shipton Twp., Richmond Co.~~]
KIP = Kipawa complex, Témiscamingue RCM, Abitibi-Témiscamingue, QC [former ~~Villedieu Twp., Témiscamingue Co.~~]
KWY = Kwyjibo deposit, Sept-Rivières RCM, Côte-Nord, QC
LBL = Mine Lac d'Amiant, Black Lake, Les Appalaches RCM, Chaudière-Appalaches, QC [former ~~Mégantie Co.~~]
LME = Lafarge Montréal-Est quarry, Montréal, QC
MAA = Middle Arm Brook, Advocate Ophiolite complex, Baie Verte, NL
MSH = Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC [former ~~Rouville Co.~~ includes the incorporated former Demix quarry; since 2008 the name of the quarry is Carrière Mont Saint-Hilaire]
OKA = Oka complex, Deux Montagnes RCM, Laurentides, QC [former ~~Deux Montagnes Co.~~]
ORF = Orford Ni mine, St-Denis-de-Brompton, Le Val-Saint-François RCM, QC [former ~~Sherbrooke Co.~~]
OTI = Otish Mountain U-deposit, Otish Mts, Baie-James, Nord-du-Québec, QC
PSP = Potash Corporation of Saskatchewan Mine, Penobsquis, Kings Co., NB
RCR = Rapid Creek, Dawson Mining District, YU [Areas A 1-8 and B 9-14 of Robinson *et al.* (1992)]
RWC = Red Wine Alkaline complex, NL
SHB = Sand Hill Big Pond gabronorite complex, Grenville, NL (JP32(1), 29)
SLK = Seal Lake (Letitia Lake; Red wine) alkaline complex, Labrador, NL
SPB = Saint-Pierre-de-Broughton, Les Appalaches RCM, Chaudière-Appalaches, QC [former ~~Mégantie Co.~~]
STA = Demix-Varenes quarry, Saint-Amable & Varenes, Lejammerrais RCM, Montérégie, QC [former ~~Verchères Co.~~]
STR = Strange Lake complex, Nunavik, Nord-du-Québec, QC & Newfoundland and Labrador
STV = Silver Tunnel, Van Silver property, BC
TAP = Tanco pegmatite, Bernic Lake, MN
VBD = Voisey's Bay deposit, Labrador, NL
WEE = Wicheeda carbonatite complex, Wicheeda Lake, Omenica Mining Division, BC

Province abbreviations:

AB = Alberta
BC = British Columbia
MN = Manitoba
NL = Newfoundland & Labrador
NB = New Brunswick

NS = Nova Scotia
NT = Northwest Territory
NU = Nunavut Territory
ON = Ontario
PE = Prince Edward Island
QC = Quebec
SK = Saskatchewan
YU = Yukon Territory

Miscellaneous abbreviations:

m. = mine
q. = quarry
prop. = property
Twp. = Township
Co. = county
p.c. = personal communication
[?] = not fully confirmed
RCM = Regional County Municipality (MRC = Municipalité régionale de comté - in French) and region, replacing the old township (canton) and county (comté) designations in Québec. For example: Les Appalaches RCM, Chaudière-Appalaches replaced Leeds Township (canton), Mégantic County (comté).

Please note that for most localities no full geographical hierarchy (mine, town, township, county, MRC, district etc.) are given due to space limitations, but these may be found in the cited references, although many of these, especially the older ones, may be out of date especially in Quebec. The most recent and up to date locality hierarchy can be found online in the MINDAT database (mindat.org) for most Canadian localities. For some of the frequently referenced localities abbreviations may be used: MSH, QC for Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC. For Canadian type minerals, locality name abbreviations are not used.

Additions 2017 - July 2019

Akimotoite	(MPS 52, 2017)[Peace River meteorite, AB]
Aluminoceladonite	(Abstract IMA2014 mtg.)[Anuri prospect, NU]
Amarantite	(NSDMR 89-3, 141)[Sidney coalfield, NS]
Amarillite	(NSDMR 89-3, 141)[Sidney coalfield, NS]
Arcanite	(Shang 2000)[N. Ingebright Lake, SK]
Argentojarosite	(United Keno Hill Mines report UKH96/01)[unspecified mine, Keno Hill, YU]
<i>α</i> -Arsenic sulphide	(CM 18, 525)[Grey rock m., & Mt. Washington m., BC]
Arsenoflorencite-(Ce)	(AM 100, 1386)[McArthur River m., SK]
Atheneite	(Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Babánekite	(Mindat/R. Mielke)[Colonial m., Cobalt region, ON]
Bandylite	(YEG 2015)[Mindy prospect, YU]
Bariosincosite	(Mindat)[Big Fish River, YU]
Barringerite	(PET 17, 101)[Tagish Lake meteorite, YU]
Beidellite	(NSGSC OF7759)[Wentworth plutonic complex, NS]
Benstonite	(Shang 2000)[N. Ingebright Lake, SK]
Beusite-(Ca)	IMA 2017-051(MM 81, 1283)[TL : Redout Lake, NT]
Blödite	(Shang 2000)[N. Ingebright Lake, SK]; (CM 17, 63)[Lingan m., Cape Breton, NS]
Bornhardtite	(Handbook of Mineralogy I, 61)[Pinky Fault U. deposit, SK]
Boussingaultite	(SG 27, 147)[Waldsea Lake, SK]
Cappelenite-(Y)	(CM SP14)[MSH, QC]
Cervelleite	(EG 108, 59)[Wismer deposit, Sudbury District, ON]
Chalcophyllite	(R&M 81, 14)[Silbak Premier m., BC]
Chengdeite	(Mindat)[Tulameen River placer, BC]
Chernovite-(Y)	(CM 52, 943)[Cobequid Highlands, NS]
Christelite	(GEEA 17(1), 21)[Prairie Creek, NT]
Chromium	(BC Minfile 082ESW055)[Old Nick m., Bridesville, BC]
Clino-suenoite	(CM 7, 738 former <i>mangano-commingtonite</i>)[Wabush Fe formation, NL]
Coesite	(Lithos 98, 160)[Diavik m., NT]
Corkite	(United Keno Hill Mines report UKH96/01)[unspecified mine, Keno Hill, YU]
Cuprobismutite	(BCGSC 1991 Field work)[Silver Queen (Nadine) m., BC]
D'Ansite	(SG 27, 147)[Waldsea Lake, SK]
Delafossite	(Mindat/R. Mielke data)[Caledonie #2 m., Seneca Twp., ON]
Despujolsite	(SG 27, 147)[Waldsea Lake, SK]
Dietrichite	(NSDMR 89-3, 141)[Sidney coalfield, NS]
Domeykite-β	(Harris & Thorpe 1985 GSC Paper 85-1A, 713)[Great Slave Lake, NWT]
Douglasite	(Mindat/Icarus IC 224, 382)[Golden deposit, NT]
Eastonite	(CM 37, 1405)[Agassiz (MacLellan) m., MN]
Eugsterite	(Shang 2000)[N. Ingebright Lake, SK]
Ferrihydrite	(Mindat/Icarus IC 224, 382)[Golden deposit, NT]
Ferri-winchite	(CM 28, 855)[Pinchi Lake, BC]
Ferro-ferri-leakeite	(Siegel 2017)[Strange Lake, QC&NL]

Ferro-ferri-sadanagaite	(CM SP14)[FRL : Mont St-Hilaire, QC]
Ferrohögbohmite 2N2S	(CMN specimen and analysis)[Dewitts Corners, Bathhurst Twp., ON]
Ferronickelplatinum	(Wilson & Harper 2013)[Seagull complex, ON]
Fluor-dravite	(CM 47, 315)[Taylor #2 pegmatite, Kenora District, ON]
Fluor-liddicoatite	(CM 43, 769)[McCombe pegmatite, Kenora District, ON]
Fluocerite-(Ce)	(GCA 122, 324)[Strange Lake complex, NL & QC]
Fougérite	(Mindat slag mineral not confirmed)[Tilt Cove m., NL]
Fukuchilite	(Wilson & Harper 2013)[Seagull complex, ON]
Gaylussite	(Shang 2000)[N. Ingebright Lake, SK]
Görgeyite	(Shang 2000)[N. Ingebright Lake, SK]
Guérinite	(Mindat R. Mielke)[Nipissing 404 m., ON]
Hanksite	(Shang 2000)[N. Ingebright Lake, SK]
Hannebachite	(SG 27, 147)[Waldsea Lake, SK]
Heyerdahlite	(author's data)[MSH, QC]
Hohmannite	(NSDMR 89-3, 141)[Sidney coalfield, NS]
Hydroglauberite	(JPAL 4, 219)[Ceylon Lake, SK]
Hydrohalite	(SG 27, 147)[Waldsea Lake, SK]
Hydroniumjarosite	(Mindat/Icarus IC 224, 382)[Golden deposit, NT]
Hydroxylbastnäsite-(Nd)	(Roberts 2017)[Deer Horn deposit, BC]
Hydroxynatropyrochlore	(EJM 14,821)[MSH]
Inderborite	(Shang 2000)[N. Ingebright Lake, SK]
Ingodite	(Mindat/online report)[BiTel Knoll, CLY group claims, BC]
Johanssenite	(Mindat/R. Mielke)[Hellens-Eplett m., Cobalt region, ON]
Julgoldite-(Fe ³⁺)	(RMS abstract with program 2018)[Yates mine, QC]
Kainite	(Shang 2000)[N. Ingebright Lake, SK]
Keiviite-(Y)	(Brousseau-Liard thesis 2012)[Strange Lake complex, NL & QC]
Kenyaite	(CMN specimen & analysis)[STA, QC]
Kochite	(author's data)[STA, QC]
Kochkarite	(Roberts 2017)[Deer Horn deposit, BC]
Konyaite	(CJSS 73, 399)[12 evaporite localities in Alberta]
Korshunovskite	(Shang 2000)[N. Ingebright Lake, SK]
Krausite	(Shang 2000)[N. Ingebright Lake, SK]
Krupkaite	(JGE 172, 151)[Mount Pleasant deposit, NB]
Kurilite	(Garagan 2014 thesis)[Afton m., BC]
Kutinaite	(GSC Paper 85-1A, 713)[East arm area, Great Slave Lake, NT]
Larnite	(CJES 21, 428)[Freemans Cove, Bathhurst Island, NU]
Laverovite	(CM, 57, 201-213)[TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Lechatelierite	(Mindat Yale Peabody Museum specimen)[Lake Athabaska, SK] Q?
Leightonite	(Shang 2000)[N. Ingebright Lake, SK]
Liandratite	(Mindat/Tech. Report)[Rose Li-Ta project, Nord du Quebec, QC]
Lisiguangite	(EG 108, 59)[Wismer South deposit, Sudbury District, ON]
Lithiophorite	(GSCB 745, 33)[Torp Lake pegmatites, Bathhurst Inlet, NU]
Lukkulaisvaaraite	(OGR 90, 723)[Marathon deposit, Coldwell complex, ON]
Magnesiocopiapite	(AM 65, 761)[Prince m., Cape Breton, NS]
Magnesiohögbohmite 2N2S	(CMN specimen and analysis)[Dewitts Corners, Bathhurst Twp., ON]

Magnesiohögbomite 2N3S	(CMN specimen and analysis)[Dewitts Corners, Bathhurst Twp., ON]
Manganoedialyte	(CMSP 14)[MSH, QC]
Massicot	(United Keno Hill Mines report UKH96/01)[unnamed mine, Keno Hill, YU]
Mercallite	(Shang 2000)[N. Ingebright Lake, SK]
Metavauxite	(Mindat/P. Kartashov ID)[Big Fish River, YU]
Minasgeraisite-(Y)	(Brousseau-Liard thesis 2012)[Strange Lake complex, NL & QC]
Mitridatite	(Mindat/Jordi Fabre ID)[Rapid Creek, YU]
Mixite	(Mindat)[Jordan Mountain Copper m., NS]
Mogánite	(Mindat; Grand Magnan museum)[Grand Magnan Island, NB]
Morimotoite	(PD 29, 325)[Ice River, BC]
Murakataite	(Mindat/G. Farber)[Eagle claim, Beaverlodge Lake, SK]
Nacareniobsite-(Ce)	(CM SP 14)[MSH, QC]
Natrite	(MR 21, 284)[MSH, QC]
Nitratine	(Shang 2000)[N. Ingebright Lake, SK]
Nitrobarite	(Shang 2000)[N. Ingebright Lake, SK]
Nixonite	(MM 31, 399 IMA report)[TL: Darby kimberlite field, NU]
Northupite	(SG 27, 147)[Waldsea Lake, SK]
Nyerereite	(NComm 4, 3687)[Oka, QC]
Oberthürite	IMA No. 2017-072 (MM 81, 1571-1581) [Marathon deposit, Coldwell Complex, Ontario, Canada (48°48'7"N, 86°18'35"W)]
Oosterboschite	(Normand 2016)[Nicholson #2 m., Beaverlodge Lake area, SK]
Osarsite	(Wilson & Harper 2013)[Seagull complex, ON]
Oxycalciopyrochlore	(GAC/MAC 2018 Abstracts 2017)[Eldor carbonatite, QC]
Palladinite	[doubtful species](OGR 90, 748)[Coldwell complex, ON]
Palladodymite	(OGR 90 (2017), 723)[Marathon deposit, ON]
Parabutlerite?	(Mindat 2018)[Tilted Cove, NL]?
Parisite-(Nd)	(OGS Open file 6290)[Brudenell area, ON]
Pentahydrate	(JPAL 4, 219)[Ceylon Lake, SK]
Petedunnite	(Mindat 2018 03 10)[Nain area, Labrador, NL]
Plumboferrite	(JGE 172, 151)[Mount Pleasant deposit, NB]
Plumbogummite	(JGE 172, 151)[Mount Pleasant deposit, NB]
Polyhalite	(Shang 2000)[N. Ingebright Lake, SK]
Potassic-richterite	(Author's data)[MSH, QC]
Rectorite	(Mindat/Norman Wilson)[AGS fluorite deposit, Lawrenceville, NL]
Rhombochase	(SG 27, 147)[Waldsea Lake, SK]
Rinkite-(Y)	(Mindat/P. Kartashov ID)[Kipawa complex, QC]
Rostite(?)	(Mindat N. Wilson)[Tilt Cove mine, NF]
Schizolite	(Author's data)[MSH, QC]
Scorzalite	(GSCB 745, 33)[Torp Lake pegmatites, Bathhurst Inlet, NU]
Segnitite	(Mindat/Norman Wilson)[AGS fluorite deposit, Lawrenceville, NL]
Schachnerite	(Sabina 2015, PG 97)[Dorchester cape, NB]
Silvialite	(MM 63, 321)[Manicouagan impact structure, QC]
Silvite	(NComm 4, 3687)[Oka, QC]
Spangolite	(Mindat)[Oliver Cameron m., NB; Silbak Premier m., BC]

Strashimirite	(Mindat R. Mielke)[Nipissing 404 m., ON]
Syngenite	(SG 27, 147)[Waldsea Lake, SK]
Tamarugite	(CM 17, 63)[1-B Mine, #26 Colliery, Cape Breton, NS]
Tantite	(Mindat/Tech. Report)[Rose Li-Ta project, Nord du Quebec, QC]
Tetraferriphlogopite	(CM 49, 491)[Lac de Gras, NT]; (Lithos 76, 491)[Torn gat dikes, Ungava, QC]
Tychite	(Shang 2000)[N. Ingebright Lake, SK]
Vauxite	(Mindat/Icarus IC 224, 382)[Golden deposit, NT]
Vishnevite	(MM 81, 1261)[Cinder Lake, MN]
Voloshinite	(CM 47, 337)[Moblan pegmatite, Nord du Quebec, QC]
Wallkilldellite-(Fe)	(Mindat/R. Mielke)[Nipissing 404 m., Cobalt area, ON]
Wattevilleite	(Shang 2000)[N. Ingebright Lake, SK]
Wickmanite	(Royal Ontario museum collection)[Tanco m., MN]
Zäirite	(JGE 172, 151)[Mount Pleasant deposit, NB]
Zemkorite	(Shang 2000)[N. Ingebright Lake, SK]

142 species

Italics used in amphibole names (i.e. *Potassic-ferro-chloro-edenite*) designate *named* amphiboles. The IMA amphibole nomenclature allows the use of the names without formal species approval (Leake *et al.* 2003; Hawthorne *et al.* 2012)

Mineral species: [Rev. 12/2019](#)

Mineral names in bold are Canadian type minerals [**Adamsite-(Y)**]; [**TL**: type locality]; [*mineral name* = species discredited, renamed, redefined or deleted];

Abenakiite-(Ce)	(CM 32, 843-864)[TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Acanthite	(T83)[BC: 10, NL: 1, NT: 3, NS: 1, ON: numerous, SK: 1, YU: 4]; + (CM 49, 1505)[Voisey's Bay deposit, NL]; (CM 22, 493)[Izok Lake, NU]; (MR 44, 375)[JAM, QC]; (Lapis 25(7/8), 60)[MSH, QC]; (Sabina 2015, PG 97)[Walton (Magnet Cove) m., NS]
Actinolite	(T83)[BC: 11, NT: 1, ON: 17, QC: 10, YU: 4]; + (MR 10, 69)[JAM, QC]; (RM 85, 494)[SPB, QC]; (CM 53, 845)[Marathon deposit, QC]
Adamsite-(Y)	(CM 38, 1457-1466)[TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Aegirine	(T83)[Bigwood Twp., ON, Matawishish River, QC]; (AM 38,435) [Glundebery batholith, BC]; (GSCP 70-50, 83)[Manitou Islands, Lake Nipissing, ON]; (CM 9, 109)[MSH, QC]; (CM 34, 435)[KIP, QC]; (G&M69)[OKA, QC]; (MR 29, 83)[STA, QC]; (MR 37, 5)[FQM, QC]; (author's data)[MIR & LME, QC]; (MUK87)[ACC, BC]; (Cur76)[IRC, BC; STR, QC+NL; RWC, SLK, NL]; (R&M 88, 420)[Girardville, QC]; (OGR 64(2015), 642)[Aley carbonatite, BC] (OGR 67, 314)[Montviel complex, QC]; (Möller2016)[Thor lake, NT]
Aegirine-augite	(CM 36, 779)[MSH, QC]; (CJES 7, 46)[Crowsnest volcanics, AB]; (CM 8, 185)[Seal Lake, NL]; (OGR 67, 314)[Montviel complex, QC]
Aenigmatite	(AM 58, 820)[Mt. Edziza complex, BC]; (T83)[Stikine River, BC]; (authors data)[MSH, QC]
Aeschynite-(Ce)	(GSC database) [Seal Lake, Red Wine complex, NL]
Aeschynite-(Y)	(T83 " <i>aeschynite</i> " most are aeschynite-(Y)[Herschel & Henvey Townships, ON; (QDMGR 89, 42)[Déléage (ex Kensington Twp.), QC](probably aeschynite-(Y)); (AM 98, 444)[Wentworth pluton, NS]
Afghanite	(CM 17, 47)[Kimmirut, Baffin Island, NU]
Agrellite	(CM 14, 120-126)[TL : Kipawa complex, Témiscamingue RCM, Abitibi-Témiscamingue, QC]
Aguilarite	(BCMEM Paper 1987-1, 15)[Blackdome m., BC]
Aikinite	(T83)[49°23'N, 117°13'W, BC]; (CM11, 1016)[Owen Lake, BC]; (CM 9, 430)[Lime Creek, BC]; (HBM I.)[Patsy Creek, BC]; (CM 15, 121)[Mount Pleasant deposit, NB]; (T83)[Nipisiguit River, NB], (T83)[Aguanico m., Cobalt, ON]; OGSMP 70, 22)[Silver Miller m., Coleman Twp., ON]; (CM 25, 625)[Otish Mtn. Deposit, QC]; (CM 16, 325; CM 18, 185)[TAP, MN]
Akaganeite	(CM 27, 311)[Strathcona m., Sudbury, ON] (was " <i>akaganéite</i> " Burke 2008); (CM 47, 533)[Montague, NS]
Åkermanite	(GSCP 54-22, 12; GSCP 67-51, 61)[OKA, QC]; (CM 48, 809)[Kiglapait intrusion, NL]
Akimotoite	(MPS 52, 2017)[Peace River meteorite, AB]
Aktashite	(Harris89)[Hemlo deposit, ON]

Alabandite	(AM 39, 527)[McDame & Cotton Creeks headwaters, BC]; (MR 21, 294)[MSH, QC]; (G&M86)[OKA, QC]
Albite	(T83)[27 + localities]; (CM 9, 109)[MSH]; (RM 85, 494)[SPB, QC]; (MR 10, 69)[JAM, QC]; (MR 25, 339)[ORF, QC]
Aleksite	(Dana97, 59)[Barringer mine, Timmins, ON]
<i>α-Arsenic sulphide</i>	(CM 18, 525)[Grey rock m., & Mt. Washington m., BC]
Alforsite	(CM 22, 653)[Ross River, YU (Gun claim?)] (CM 52, 401)[Gun claim, Wilson Lake, Yukon]
Algodonite	(GSCEGR No.16, 53)[Echo Bay m., Port Radium, NT]
Allanite-(Ce)	(T83 <i>allanite</i>)[numerous localities, most are Ce-dominant]; (MR 21, 294)[MSH]; (MR 44, 375)[JMA]; (MR 25, 339)[ORF, QC]; (EG 99, 1177)[KWY, QC]; (CM 41, 117) [Stargazer Claim, NT]; (Girard71) [Madeleine Cu-mine, QC]; (Möller2016)[Thor lake, NT]
Allanite-(La)	(MM 55, 497)[Hemlo, ON]; (CM 41, 117) [Stargazer Claim, NT]
Allanite-(Y)	(MR 3, 69 was "Y-allanite")[Evans Lou pegm., QC]; (MD 35, 619)[Ansil Cu-Au deposit, Rouyn-Noranda, QC]
Allargentum	(CM 10, 163-172)[TL1: Beaver Mine TL2: Hi-Ho mine, Coleman Township, Timiskaming District, ON]; (CM 10, 234)[Mulcahy Township, ON]; (CM 22, 493)[Izok Lake, NU]
Alloclasite	(T83)[Susu Lake, NT]; (CM 11, 180)[Cobalt-Gowganda, ON]
Allophane	(T83)[Observatory Inlet, BC; Miles Canyon, YT]
Alluaudite	(MR 23, 34; CM 36, 609)[Rapid Creek & Big Fish River, YU]; (T83)[62°11'N; 112°17'W & 62°51'N; 113°33'W, NT]; (T83)[49°13'30"N; 88°00'W, ~Cosgrave Lake, ON]; (EG 90, 658)[TAP, MN];(CM 46, 367)[Cat Lake, MN]; (CM 36, 609)[Separation Rapids, ON]
Almandine	(T83) + (R&M 85, 463)[MSH, QC]; (MW19(5), 42)[JMA, QC]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 22, 493)[Izok Lake, NU]; (CM 40, 753)[Separation Lake, ON]
Alpersite	(GAC/MAC2014abst37, 194)[Sherritt-Gordon m., Sherridon, MN]
Altaite	(T83)[numerous localities]; (CM 27, 311)[Strathcona m., Sudbury, ON]; (CM 28, 409)[Blue Lake, QC]; (CM 28, 489)[Geordie Lake, ON]; (CM 49, 1505)[Voisey's Bay deposit, NL]; (CM 25, 659)[Goldlund m., ON]; (AM 38, 506)[Giant Yellowknife m., NT]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Alstonite	(MUK87)[Aley carbonatite, BC]
Aluminite	(MR 23, 4)[Rapid Creek, YU]
Aluminoceladonite	(Abstract IMA2014 mtg.)[Anuri prospect, NU]
Aluminocopiapite	(CM 16, 17)[No. 26 Colliery & Princess mine, Glace Bay, NS]
Alumovesuvianite	(MP 111, 833-842 IMA 2016-014)[TL: Jeffrey mine, Asbestos, Les Sources RCM, Estrie, QC]
Alunite	(T83)[Alma, Albert Co., NB]; (AM 25, 34)[Hickey's Point, near Placentia Bay, NL]
Alunogen	(T83)[Blair Creek; Grant Brook; Ashcroft; Fountain Creek; Kamloops Lake; Alaska Highway (mile 513.9) all BC; Scotia m., Springhill, NS]; (IC 224, 382)[Golden deposit, NT]

Amarantite	(NSDMR 89-3, 141)[Sidney coalfield, NS]
Amblygonite	(T83)[MN: 6+, NT: 5, NS: 1, ON: 1 localities] + (CM 50, 1839)[Red Cross Lake, MN]; (CM 50, 1775)[Silverleaf pegm., MN]; (CM 52, 129)[Mount Begbie, BC]; (Sabina 2015, PG 97) [Reeves farm occurrence, New Ross, NS]
Amesite	(CM 22, 437)[Black Lake, QC]; (EC 81, 1159)[Bird River sill, MN]
Analcime	(T83)[AB: 3+, BC: 6, MN: 2, NB: 3, NS: 16+, ON: 7, QC: 9 localities]; (MR 21, 283)[MSH, QC]; (MR 29, 93)[STA, QC]; (MR 37, 5)[FQM, QC]; (MR 37, 283)[Laurel, QC]; (OGR 67, 314)[Montviel, QC]
Anatase	(T83)[NS: 1, ON: 9, SK: 1]; (MR 21, 283)[MSH, QC]; (MR 3, 69)[ELU, QC]; (MR 29, 93)[STA, QC]; (MR 20, 29)[A55 road cuts, Richmond, QC]; (R&M 85, 494)[SPB & Ayer's Cliff, QC]; (OGSOFR5420, 24)[Martison carbonatite, ON]; (R&M 88, 420)[Girardville, QC]; (author's data)[Trudeau q., St-Justine-de-Newton, QC; Graymont q., Lacolle, QC; St-Clotilde, QC; Meloche q., Coteau-du-Lac, QC; Dulude q., Mont-Bruno, QC; Galipeau q., Beauharnois, QC]
Ancylite-(Ce)	(CM 9, 109 & CM 10, 512; MR 21, 295)[MSH, QC]; (MR 29, 93)[STA, QC]; (GSC P 78-1A, 253)[Miron q. Montreal, QC](Mitchell & Liferovich data 2004)[Prairie Lake complex, ON]; (author's data)[Lafarge Montreal-Est, QC]; (MR 12, 221)[Ice River complex, BC]; (CM 11, 812)[Sturgeon Narrows, ON]; (G&M69)[Oka, QC]; (MUK87)[ACC, BC]; (OGSOFR 5399)[Carb Lake carbonatite, ON]
Ancylite-(La)	(MR 29, 93)[STA, QC]; (Dalsin13)[Wicheeda carbonatite, BC]
Andalusite	(T83)[numerous localities]; (MR 10, 69)[JAM, QC]; (GSCMR 58, 160)[Hope Brooke m., NL]; (CM 52, 129)[Mount Begbie, BC]
<i>Andesine*</i>	[* <i>no longer retains species status</i>];
Andorite*	[andorite is now a series consisting of andorite IV, andorite VI & IMA 2012-087]
Andorite VI	[= former andorite; andorites from the following localities are most likely andorite VI, but have not been independently confirmed]; (UTSGR 51, 72)[Kwanika Creek, BC]; (GSCP 65-19, 32)[~Nansen Creek; 62°03'30"N; 137°10'30"W, YU]; (R&M 79, 94)[Red Lake mine, ON]
Andradite	(T83)[AB: 1, BC: 5, ON: 4, QC: 5]; (MR 21, 283)[MSH, QC]; (MR 37, 5)[LBL, QC]; (MR 44, 375)[JMA, QC]; (MR 25, 339)[ORF, QC]
Anduoite	(OGR 90 (2017), 723, xx)[Marathon deposit, ON]
Anglesite	(T83)[Heath Steele & Brunswick No. 6 m., NB]; (GSCM 173)[Slocan area mines, BC]; (GSCP 62-32, 28)[Waverley claims, BC]; (GSCP 66-51, 75)[Candego m., QC]; (GSCP 75-36, 89)[Montauban m., QC]; (GSCP 72-32, 87)[Anvil m., YU]; (GSCP 55-30, 51)[Keno & Galena Hills mines, YU]; (MR 21, 515)[Nanisivik m., NU]; (MR 21, 283)[MSH, QC]; (JGE 172, 151)[Mount Pleasant deposit, NB]
Anhydrite	(T83)[AB: 2, BC: 2, MN: 4, NB: 5+, NL: 6+, NS: 16+, ON: 7, QC: 2, YU: 1 localities];
Anilite	(CM 12, 85; CM 18, 511; CM 19, 583)[Yarrow Creek & Spionkop Creek, AB]; (Van Dommelen coll.)[Dunbrack mine, NS]

Ankerite	(T83) + (MR 21, 283)[MSH, QC]; (MUK87)[ACC, BC]; (OGR 67, 314)[Montviel complex, QC]; (OGR 64(2015), 642)[Aley carbonatite, BC]
Annabergite	(GSCP 75-36, 123)[Tilt Cove mines, NL]; (T83)[Limerick & Denison Twp, localities in the Cobalt-Gowganda district, and Silver Islet mine, ON]; (author's data)[MSH, QC]; (CM 13, 198)[Zimmer Lake, SK]; (MR 25, 339)[ORF, QC]; (AM 51, 667)[NJ Zinc claim, Mont Albert, QC]
Annite	[most T83 "biotites" are probably annite]; + (MR 21, 296)[MSH, QC]; (MR 29, 83)[STA, QC]; (MW 2009/1, 65)[JMA, QC]; (CM 50, 1839)[Red Cross Lake, MN]
Anorthite	(CMN collection CMNGE 22392)[Hidden Lake area, 40 km NNE of Yellowknife, NT]; (CMNMC 45112)[Howry Creek, E of Whitefish Falls, Curtin Tp., Sudbury Dist., ON]
Antarcticite	(MD 33, 579)[Cadillac Moly mine, Preissac, QC]
Anthoinite	(CM 32, 567)[Kalzas Mountain, YU]
Anthophyllite	(T83) + (MR 44, 375)[JAM, QC];
Antigorite	(MR 7, 177)[La Motte, QC]; [numerous localities in QC asbestos belt]
Antimony	(MR 22, 263)[Lake George Sb m., NB]; (MR 27, 121)[Lac Nicolet, QC]; (R&M 70, 90)[MSH, QC]; (Harris89)[Hemlo deposit, ON]; (MR 27, 433)[Sylvana m., BC]; (MR 27, 263)[Engineer m., BC]; (AM 38, 506)[Giant Yellowknife m., NT]; (Sabina 2015, PG 97)[West Gore m., NS]
Antlerite	(T83)[Key Anson m., NB; Buchans m., NL; Louvem m., QC; Coronation m., SK]; (author'd data)[MSH, QC]
Apatite group	(T83 "apatite") [BC 4, MN 5, NB 3, NL 3, NT 3, ON 11, QC 6, SK 2, YU 1; 38 localities; most are fluorapatite]
Apowite	(CM 8, 166-171) [TL : Magnet Cove Barium Corporation mine, Walton, NS]
<i>Apophyllite-(KF)</i>	[= fluorapophyllite-(K)]
<i>Apophyllite-(NaF)</i>	[= fluorapophyllite-(Na)]
<i>Apophyllite-(KOH)</i>	[= hydroxyapophyllite-(K)]
Aragonite	(T83)[BC: 5, NL: 1, NS: 1, ON: 2, QC: 5, YU: 2]; (MR 10, 69)[JAM, QC]; (MR 21, 283)[MSH, QC];
Arcanite	(Shang 2000)[N. Ingebright Lake, SK]
Arfvedsonite (<i>sensu lato</i>)	(CM 8, 185)[SLK, NL]; (MR 21, 284)[MSH, QC]; (MR 29, 83)[STA, QC]; (CM 34, 349)[STR, QC & NL]; (GSCB 245)[IRC, BC]; (GSCB 237)[Coldwell complex, ON]; (OGR 67, 314)[Montviel complex, QC]
Argentojarosite	(United Keno Hill Mines report UKH96/01)[unspecified mine, Keno Hill, YU]
Argentopentlandite	(CM 12, 165; 24, 369)[Lynn Lake region, MN]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Argentopyrite	(CM 16, 665)[Ross mine, ON]; (MR 27, 433)[Silvana m., BC]; (LeFort12)[Garson m., Sudbury, ON]
Argentotennantite	(Manitoba Geol. Survey Report 2007)[Chisel Lake, MN]
Argentotetrahedrite	(MM 81, 409; IMA 2016-093)[TL : unidentified mine, Keno Hill, YU]
Argyrodite	(AM 38, 545)[Dolly Varden mine, Alice Arm, BC]

Arisite-(Ce)	(CM 48,661-671; MM 74, 257-268)[TL2: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (CM 48, 661)[STA, QC]
Armalcolite	(CM 36, 117)[Muskox intrusion, NU]
Armenite	(CM 22, 453)[Rémigny, QC]; (EG 87, 1104)[Hemlo, ON]
Armstrongite	(CM 30, 191)[Strange Lake, QC & NL]
Arrojadite-(Ba,Fe)	(A. Kasatkin pers. comm.)[Rapid Creek, YU]
Arrojadite-(Ba,Na)	(P. Kartashov, MINDAT)[Big Fish River, YU]
Arrojadite-(K,Fe)	(former “arrojadite”)(AM 91, 1249; MR 23, 14)[Big Fish River & Rapid Creek, YU]
Arrojadite-(K,Na)	(AM 91, 1249-1259)[TL: Rapid Creek, YU]; (RRUFF data)[Big Fish River, YU]
Arrojadite-(NaFe)	(RRUFF data)[Boundary Creek, YU]
Arsenic	(T83)[Eight Mile Creek, Koksilah river, Port Alberni, Mount Washington, Criss Creek, Watson Bar Creek, Alder Island, all BC; Edward Island, Lake Superior & Long Lake m., ON] (AJS s4, 15, 92)[Corporation q., Montreal, QC]; (Harris89)[Hemlo, ON]; (CM 9, 101)[Whalesback & Little Bay mines, NL]; (GSCP 73-13, 45)[Conisil m., ON]; (R. Mielke p.c. 2014)[Curry m. Cobalt area, ON]
Arsenosiderite	(CM 15, 121)[Mount Pleasant deposit, NB][species discredited NJbM 1999, 322]
Arsenobismite	
Arsenoflorencite-(Ce)	(AM 100, 1386)[McArthur River m., SK]
Arsenohauchecornite	(MM 43, 877-878)[TL: Vermilion mine, Denison Township, Sudbury, ON]
Arsenolite	(T83)[Mt. Washington, BC; Watson Bar Creek, BC]; (OBMAR 11, 195)[Marmora, ON]; (GSCAR 6, 30)[Cobalt, ON]; (OGS MP70, 49)[Coleman Twp. ON]
Arsenopalladinite	(GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (CM 53, 845)[Marathon deposit, QC]
Arsenopyrite	(T83)[BC: 4, MN: 5, NB: 4, NL: 1, NS: 5, ON: 11, QC: 1, SK: 4, YU: 3 localities]; (MR 21, 283)[MSH, QC]; (MR 25, 339)[ORF, QC]; (Harris89)[Hemlo deposit, ON]; (CM 22, 493)[Izok Lake, NU]
Artinite	(GSCP 66-51, 51)[Union mine, Black Lake, QC]; (MW 2009/1 65) [JMA, QC]; (GSCMR 41, 34)[Maxwell q., Chelsea, QC]; (Shang 2000)[N.Ingebright Lake, SK]
Asbolane	(MINDAT)[Port Radium, NT]
Ashcroftine-(Y)	(MR 21, 296)[Mont St-Hilaire, QC]
Aspidolite	(R&M 91(5), 448)[Notre-Dame-du-Laus, QC]
Astrophyllite	(CM 9, 109)[MSH, QC]; (MR 29, 83) [STA, QC]; (MR 12, 221)[IRC, BC]; (BSGF 18, 551)[Corporation quarry, Montreal, QC]; (GSCB 239)[Red Wine complex, NL]; (GSC database)[SLL, NL]; (CJR 2, 231)[CNR Tunnel, Montreal, QC]; (GSCP 85-1A, 73)[STR, QC & NL]; (CJES 16, 60) [Blanchford Lake complex. NT]; (GSC database)[Ting Creek intrusion, NT]; (CM 28, 251)[McGerrigle complex, QC]
Atacamite	(GSCP 71-27, 26)[Birch Lake mine, SK]; (MR 44, 375)[Jeffrey mine, Asbestos, QC]; (Sabina 2015, PG 97)[Five Islands, NS]
Athabascaite	(CM 10, 207-215)[TL: Martin Lake mine, Uranium City, SK]

Atheneite	(Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Atokite	(CM 30, 121)[Coldwell complex, ON]; (CM 43, 1697)[Placer deposits , BC]; (CM 53, 845)[Marathon deposit, QC]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Augelite	(MR 23, 16) [Rapid Creek & Big Fish River, YU]
Augite	(T83) + (MR 21, 283)[MSH, QC]; (CM 53, 845)[Marathon deposit, QC]
Aurichalcite	(GSCP 78-1A, 257)[n. Lardeau, BC; (GSCP 72-32, 91)[Galena Hill & Keno Hill, YU](MINDAT)[Silbak Premier m., Stewart, BC]; (R. Dommelen data)[Dunbrack m., NS]; (CM 9, 191)[Taylor pit, Madoc, ON]; (GEEA 17(1), 21)[Prairie Creek, NT]
Auricupride	(CM 35, 573)[Kerr mine, ON]
Aurostibite	(AM 37, 461-469) [TL1: Giant Yellowknife mine, Yellowknife, NT; TL2: Chesterville Mine, Virginiatown, McGarry Township, Timiskaming Dist., ON]; (Harris89)[Hemlo deposit, ON]
Autunite	(CM 19, 325)[Blizzard U deposit, BC]; (MINDAT)[Turner prospect, New Ross, NS; Leduc Mine, QC]; (Van Dommelen-Wilson-Collette p.c.)[Highway 103 cut near Hubley, NS (?);(CM 52, 129)[Mount Begbie, BC (?)]
Awaruite	(T83 “nickel-iron”)[Lillooet, Bridge River & Blue River, all BC; Hoole Canyon, Pelly River, YU]; (CJES 2, 188)[Muskox intrusion, NT]; (GSCP 75-1A, 261)[Amos, QC]; (CM 6, 307; CM 8, 519)[JMA, QC; Normandie; Bell; Johnson; British-Canadian & Beaver mines, Thetford Mines, QC]; (CM 28, 537)[Bay of Islands, NL]; (CM 49, 1523)[MAA, NL]
Axinite-(Fe)	(T83 <i>axinite</i> ; former <i>ferro-axinite</i>) (MR 11, 14)[Hope, BC, Timmins, ON; (CM 41, 117)[Stargazer claim, NT]; (T83 <i>axinites</i> require analyses to be classified)
Axinite-(Mn)	(T83 <i>axinite</i> ; former <i>mangano-axinite</i>); (MR 11, 15)[Marmora, ON]; (GSCOF 7173)[Izok Lake, NU]; (T83 <i>axinites</i> require analyses to be classified)
Azurite	(T83)[BC: 9, NB: 5, NL: 1, NT: 1, NS: 2, ON: 12, QC: 4, SK: 1, YU: 4 localities]; (RM 85, 494)[SPB, QC]; (MR 3 69)[ELU, QC] ; (Girard71)[Madeleine Cu-mine, QC]
Babánekite	(Mindat/R. Mielke)[Colonial m., Cobalt region, ON]
Babingtonite	(R. Dommelen coll.)[Cobequid Pass, NS]; (MINDAT)[Saint Patrick Parish, NB]
Baddeleyite	(AM 59, 249)[Axel Heiberg Island, NT]; (16; MR 37, 20)[FQM, QC]; (CM 45, 1293)[Buckingham, QC]; (JP 52, 2147)[MSH, QC]; (CM 49, 1505)[Voisey’s Bay deposit, NL]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]; (OGR 64(2015), 642)[Aley carbonatite, BC]
Bafertisite	(CM 34, 779)[Strange Lake, NL]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]
Baileychlore	(MNews 37(4) 11)[Mont St-Hilaire, QC]
<i>Bakerite</i>	[discredited IMA 16-A](AM 89, 767)[Tory Hill, ON]
Banalsite	(CM 44, 929)[Prairie Lake complex, ON]; (M. Mauthner – MINDAT)[Ice River complex, BC]

Bandylite	(YEG 2015)[Mindy prospect, YU]
Baotite	(CMP 150, 212) [Deadhorse Creek, ON]
Barićite	(CM 14, 403-406; T83) [TL: "Area-2", Rapid Creek, YU]
Bariosincosite	(Mindat)[Big Fish River, YU]
Barrerite	(CM 38, 1215)[Morden & Woodworth Cove, NS]; (AG 38, 11)[Partridge Island, Cape Sharp, Cape d'Or, Five Islands, all NS]; (MINDAT)[Cantung mine, Tungsten, NT]; (OGR 67, 314)[Montviel complex, QC]
Barringerite	(PET 17, 101)[Tagish Lake meteorite, YU]
Barrydawsonite-(Y)	(MM 79, 671-686)[TL: Merlot claim, North Red Wine alkaline complex, Labrador, NL]
Barylite	(AM 47, 764; MR 10, 99) [Seal Lake, NL]; (MR 21, 284)[Mont St-Hilaire, QC]; (CMP 150, 212)[Deadhorse Creek complex, ON]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]; (Kerr2010)[Two Tom Lake, Seal Lake, NL]
Baryte	(T83)[BC: 18, MN: 1, NB: 12, NL: 7, NT: 1, NS: 14, ON: 42, QC: 10, YU: 5; 110 localities]; (MUK87)[ACC, BC]; (GEC86)[Oka; St-André, QC]; (MR 21, 515)[Nanisivik m., NU]; (MR 12, 355)[Niobec m., QC]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]
Barytocalcite	(CM 28, 241)[Chipman Lake, ON]; (T83)[km 801, Alaska Highway, BC]; (OGR 67, 314)[Montviel complex, QC]
Barytolamprophyllite	(MR 18, 364) [Mont St-Hilaire, QC]; (CM 35, 53)[Napoleon Bay, Baffin Island, NU]
Bassanite	(T83)[Nappan, NS]
Bassetite	(NSDMR 77-1)[McLean Point, NS]
Bastnäsite-(Ce)	(T83)[<i>bastnesite</i>] + (MR 21, 298)[MSH]; (MR 29, 83)[STA]; (CM 34, 349)[STR]; (Sheard2010)[Thor Lake, NT]; (GSC database)[RWC]; (RM 85, 494)[SPB, QC]; (CJES 28, 1653)[Coldwell complex, ON]; (MUK87)[ACC, BC]; (EG 99, 1177)[KWY, QC]; (OGS Open file 6290)[Brudenell area, ON]
Bastnäsite-(Nd)	(OGR 86(2017), 784.)[Eldor carbonatite, QC]
Batisite	(CM 35, 53)[Napoleon Bay, Baffin Island, NU]; (Dalsin13)[Wicheeda carbonatite, BC]
Batisivite	(CM 50, 1233)[Wigwam deposit, BC]
<i>Baumhauerite</i> (Sb-dominant)	[no species status](CM 9, 209; MR 13, 93 - Sb:As = 1.03 & 1.12) [Madoc, ON]
Baumhauerite	(Harris 1989) [Hemlo deposit, ON];
Bavenite	(CM 11, 562) [Winnipeg River, MN]; (MR 21, 298)[Mont St-Hilaire, QC]; (CM 5x, xx)[Shatford Lake, MN]
Bavsiite	(MM 78, 797; IMA 2014-019)[TL: Trench 1, Gun claim, Wilson Lake, Itsi Range, Yukon]
Bayleyite	(GSCP 77-1C, 95)[Rabbit Lake uranium mine, SK]
Bazzite	(Steede, T. 2012 – p.c.)[Quadeville, ON]
Beaverite-(Cu)	(GSCMR 58, 94 = beaverite)[MacLean, Rothermere & Lucky Strike m., Buchans, NL]
Becquerelite	(GSCEGR 16, 307; GSC Bull. 31, 71)[Nistowiack Lake & Lake Athabasca, SK]; (Stern 1991)[Rabbit Lake, SK]
Behoite	(MR 10, 99; MR 21, 284) [Mont St-Hilaire, QC]

Beidellite	(NSGSC OF7759)[Wentworth plutonic complex, NS]
Benjaminite (revalidated)	(CM 13, 402-407) [NTL2: Terra M & E mine, Great Bear Lake, NT; NTL3: Keeley mine, South Lorrain Twp., Timiskaming Dist., ON];
Benleonardite	(RM 79(2), 94)[Red Lake m., Balmertown, ON]
Benstonite	(Shang 2000)[N.Ingebright Lake, SK]
Berryite	(CM 11, 1016)[Owen Lake, BC]; (EG 108, 59)[Wismer South deposit, Sudbury District, ON]
Berthierine	(MR 21, 299) [Mont St-Hilaire, QC]; (CM 30, 1127)[Kidd Creek m., ON]
Berthierite	(T83)[Rainbow Claim, BC]; (AM 36, 504)[Kitsault Lake, BC]; (T83)[Lake George, NB]; (AM 38, 506)[Giant Yellowknife m., NT]; (T83)[Sewel Twp., Errington Twp., Dome Twp., ON]; (T83)[Lac Nicolet, QC]; (Harris89)[Hemlo deposit, ON]
Bertrandite	(CMN - CMNMC 52244; Micronews 43(5), 9) [East Kemptville, NS; Mont St-Hilaire, QC]; (CM 52, 129)[Mount Begbie, BC]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]
Beryl	(T83)[BC: 15, MN: 13, NB: 4, NL: 4, NT: 18, NS: 5, ON: 18, QC: 23, SK: 2, YU: 2]; (MR 21, 283)[MSH, QC]; (CM 52, 129)[Mount Begbie, BC]; (CM 52, 857)[Shatford Lake, MN]
Beryllonite	(MR 21, 284)[Mont St-Hilaire, QC]; (CM 40, 1339)[BEP pegmatite, MN]
Berzelianite	(GSC P 77-1B, 113; GSC Bull 31, 55)[Baker Lake, NT; Martin Lake, SK]
<i>Betafite</i>	(species discredited; now = group name CM 48, 673)
Betafite group	(Back 2014)[there are no IMA accepted members in this group]
<i>Betafite (of Hogarth)</i>	(former betafitites from ON & QC have uncertain species status)
Beudantite	(T83)[Bathurst, NB]; (GSCP 66-51, 75)[Candego m., QC]; (GSCP 73-30, 110)[Barvue m., QC]; (GSCP 55-30 & 57-1)[several mines in the Keno Hill-Galena Hill area, YU]; (T83)[Dublin Gulch, YU]; (JGE 172, 151)[Mount Pleasant deposit, NB]
Beusite	(CM 36, 283)[Tanco m., Bernic Lake, MN]; (CM 36, 367)[Separation Lake pluton, ON; Cross Lake, MN; YITT pegmatite, MN]; (CM 28, 133)[Redout Lake, NT]
Beusite-(Ca)	(MM 82, 1323-1332)[TL: Unnamed pegmatite, near Redout Lake, Yellowknife pegmatite field, NT]
Beyerite	(AM 56, 395) [Evans Lou mine, QC]
Bianchite	(MR 21, 534; R&M 81, 24)[Nanisivik, NU; Pine Point, NT]
Bikitaite	(OGSOF 6000, 1-25) [Separation Rapids, ON]
<i>Bindheimite</i>	(discredited = oxyplumboroméite CM 48, 673)
Biotite series	(T83)[most Canadian biotites are probably annite];
Birnessite	(GSCMR 58, 55)[Manuels, NL]; (GSCMR 58, 30 & 13)[Collines de la Demoiselle & Baie de Sud., Îles de la Madelein, QC]; (MR 21, 283)[MSH, QC]; (MR 29, 83)[St-Amable, QC]
Bischofite	(MR 24, 385)[PCS mine, Rocanville, SK]; (Shang 2000)[N. Ingebright Lake, SK]
Bismite	(T83)[Lyndoch Twp., ON]; (CMN specimen M. Picard p.c. 2011)[Moly Hill, QC]
Bismoclite	(GSC P 73-30, 70)[Preissac mine, QC]; (CM 31, 31)[Strathcona mine, ON];

Bismuth	(T83)[BC: 3, MN: 1, NB: 5, NT: 6, NS: 1, ON: 19, QC: 7, YU: 4; 46 localities]; (CM 49, 1505)[Voisey's Bay deposit, NL]; (CM 50, 1839)[Red Cross Lake, MN]; (MR 3 69)[ELU, QC]; (NBMOD)[Heath Steele m., NB]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 25, 185)[Otish Mountain U deposit, QC]; (CM 17, 275)[Strathcona m., Sudbury, ON]; (Sabina 2015, PG 97) [East Keptville m., NS]
Bismuthinite	(T83)[BC: 7, MN: 1, NB: 2, NT: 2, NS: 1, ON: 34, QC: 10, YU: 1; 58 localities]; (CM 27, 311)[Strathcona m., Sudbury, ON]; (MR 3 69)[ELU, QC]; (NBMOD)[Heath Steele m., NB]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (GSCMR 58, 160)[Hope Brooke m., NL]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]
Bismutite	(T83)[Dublin Gulch, Mayo district, YU]; (T83)[Tudor Twp., ON]; (AM 15, 438)[Lyndoch Twp., ON]; (MR 3 69)[ELU, QC]; (GSCP 73-30, 79)[Moly Hill, QC]; (CM 41, 117) [Stargazer Claim, NT]
Bismutoferrite	(T83)[Evans Lou m., QC]; 47, 159)[Keeley-Frontier m., Cobalt region, ON]
Bismutohauchicornite	(CM 13, 198; HBM I, 57)[Zimmer Lake, SK]
<i>Bismutomierolite</i>	(discredited CM 48, 673)
<i>Bismutopyrochlore</i>	(discredited CM 48, 673)
Bismutotantalite	(CM 52, 129)[Mount Begbie, BC]
Bityite	(CM 11, 562)[Huron claims, MN]
Bjarebyite	(MR 23, 4)[Rapid Creek, YU]
Blödite	(Shang 2000)[N. Ingebright Lake, SK]; (CJSS 73, 399)[15 unnamed evaporite localities in Alberta]
Bobdownsite	discredited (CM 49, 1065-1078)[TL: Big Fish River, Dawson Mining District, YU]
Bobfergusonite	(CM 24, 599-604) [TL: Pegmatite #22, Unamed island, Cross Lake, MN]
Bobierite	(MR 23, 4-47) [Big Fish River, YU]
Bobshannonite	(MM 79,1791-1811)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Bobtraillite	(CM 43, 747-758)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Bogdanovite	(OGR 90 (2017), 723)[Marathon deposit, ON]; (Wilson & Harper 2013)[Seagull complex, ON]
Bohdanowiczite	(CM 18, 353)[Kidd Creek m., ON]; (GSCOF1787)[Norman property, Sudbury, ON]
Böhmite	(T83 "boehmite")(GSCP 76-1A)[Princess sodalite m., Bancroft, ON]; (JP 23, 186)[Coldwell complex, ON]
Boltwoodite	(T83)[Kimber Lake, ON; Bérard Lake, Fort Chimo, QC]; (ENVG 40, 495)[Rabbit Lake, SK]
Bonattite	(CM 7, 245)[Avoca claim, Hat Creek, BC]; (CM 32, 873)[Bonaparte River, Lillooet District, BC]
Bonshtedtite	(RMI 24(3), 140); Lapis 7/8, 23-61)[both Mont Saint-Hilaire, QC]
Boracite	(CM 19, 291)[Salt Spring deposit, NB; (CM 43, 1469) Penobsquis & Millstream deposits, NB]
Bornhardtite	(Handbook of Mineralogy I, 61)[Pinky Fault U. deposit, SK]

- Bornite (T83)[AB: 3, BC:33, NB: 10, NL: 4, NT: 9, NS: 4, ON: 19, QC: 23, YU: 15; 120 localities]; (RM 85, 494)[SPB, QC]; (CM 22, 229)[Kidd Creek m., Timmins, ON]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (Girard71)[Madeleine Cu-mine, QC]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (JGE 172, 151)[Mount Pleasant deposit, NB]
- Borovskite (CM 42, 667)[Flin Flon, MN]; (CM 28, 409)[Blue Lake, QC]; (CM 17, 275)[Strathcona m., Sudbury, ON]
- Bottalackite (D. Doell/Van Dommelen pc. 2015 01 30)[Moose Island, NS]; (Mindat/Wilson)[Tilt Cove slag, NL]; (Sabina 2015, PG 97)[Five Islands, NS]
- Boulangerite (T83)[BC: 17, MN: 1, NB: 2, NT: 2, ON: 6, YU: 7; 35 localities]; (MR 27, 433)[Silvana m., BC]; (AGK1990)[Mattabi m., ON]; (Harris89)[Hemlo deposit, ON]; (CM 22, 493)[Izok Lake, NU]; (AM 38, 506)[Giant Yellowknife m., NT]; (UTSGS 46, 25)[Montgay (Otis), QC];
- Bournonite (T83)[BC: 6, MN: 2, NB: 2, NT: 2, ON: 7, QC: 1, YU: 5; 25 localities]; (Harris89)[Hemlo deposit, ON]; (CM 22, 493)[Izok Lake, NU]; (AM 38, 506)[Giant Yellowknife m., NT]; (CM 54, 1307)[Lemarchant deposit, NL]
- Boussingaultite (SG 27, 147)[Waldsea Lake, SK]
- Bowieite (CM 28, 579)[Hall & Lemelin mines, Thetford Mines, QC]; (CM 48, 583)[Burwash Creek, YU]
- Boyleite (MR 21, 533)[Nanisivik mine, NU]; (Mnews 41-1 2007)[MSH, QC]
- Bradleyite (RMI 24(3), 140)[Poudrette quarry, Mont St-Hilaire, QC]; (OGR 64 (2015), 642)[Aley carbonatite, BC]; (Shang 2000)[N. Ingebright Lake, SK]
- Braggite (CM 17, 453)[Lac-des-Iles complex, ON]; (MD 42, 601)[Black Lake & Thetford Mines, QC]; (OGR 90 (2017), 723, xx)[Marathon deposit, ON]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
- Brannerite (T83)[Middle Foster Lake, SK]; (CM 12, 360)[Richardson m., Madoc, ON]; (CM 6, 155)[Christie Lake, ON]; (CM 6, 483)[Blind River, ON]; (GSCP 77-33)[Wernecke Mountains, YU; 4 localities : 64°56'22" N; 134°15'20" W; 65°04'20" N; 134°14'50" W; 65°06'20" N; 134°23'30" W; 65°08'25" N; 134°24'00" W]; (CM 25, 185)[Otish Mountain U deposit, QC]; (OGS Open file 6290)[Brudenell area, ON]
- Brassite (Percival2007)[Cobalt area tailings, ON]
- Braunite (T83)[Wheatley River, PE]; (AM 36, 504)[Olalla Creek, BC]; (GSCP 43-11, 11)Indata Lake, BC]; (GSCP 62-22, 18) [Markhamville m., NB]; (CM 7, 294)[Plymouth deposit, NB]; (GSCP 64-37, 10)[Hornby Bay, NT]; (GSCP 65-37, 28)[Pearl, ON]; (NSMODB)[Meat Cove deposit, NS]; (Sabina 2015, PG 97) [Cain (Riddle) m., NS]
- Bravoite* (CM 11, 196)[Keeley m., ON]; (ODMGR 110, 21)[Shebandowan Lake, ON]; (CM 13, 198)[Zimmer Lake, SK][species discredited]
- Brazilianite (CM 14, 127; MR 23, 4) [Rapid Creek & Big Fish Creek, YU]
- Breithauptite (EG 34, 759)[Contact Lake, NT]; (CM 11, 182)[Cobalt-Gowganda, ON]; (CM 10, 284)[Red Lake, ON]; (T83)[Hudson Bay mine, Cobalt, ON]; (CM 49, 1505)[Voisey's Bay deposit, NL]; (Harris89)[Hemlo, ON]; (CM

	22, 493)[Izok Lake, NU]; (Girard71)[Madeleine Cu-mine, QC]; (CM SP14)[MSH, QC]
Brewsterite-Ba	(MR 37, 288) [Blue Mountain, Peterborough Co. ON]
Brewsterite-Sr	(MR 15, 93 "brewsterite") [Yellow Lake, BC]
Brianroulstonite	(CM 35, 751-758) [TL : Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
Britholite-(Ce)	[T83: <i>britholites</i> are most likely britholite-(Ce)] (GSCP 67-51, 64)[Oka, QC]; (MR 21, 284)[MSH, QC]; (T83, 71)[Kipawa, QC]; (CM 37, 1239)[Eden Lake, MN]; (EG 99, 1177)[KWY, QC]; (Möller2016)[Thor Lake, NT]
Britholite-(Y)	(Min. Deposit of Can. 2008)[Kwyjibo deposit, Cote Nord, QC]; (GSC database)[Kipawa complex, QC]
Brochantite	(T83)[numerous]; (GSCP 66-51)[Capelton, Albert, Aldernac Moulton Hill, Harvey Hill, Sweet's, Ives, Huntington, and Acton mines, QC]; (MR 21, 283)[MSH, QC]; (RM 85, 494)[SPB, QC]; (MR 21, 515)[Nanisivik m., NU]; (MR 15, 89)[Spatsum claim, BC]
Brockite	(CM 25, 181; MR 21, 283)[Mont Saint-Hilaire, QC]
Brookite	(MINDAT)[Harrison m., BC]; QC: 9 localities); (NSMOD)[E. Kemptville, NS]; (MR 21, 284)[MSH, QC]; (R&M 85, 494)[SPB; Ayer's Cliff; Windsor, QC]; (authors data)[Dulude q., Mont St-Bruno, QC; McMullen q., Matane, QC; Baskatong quartz m., PCM q., St-Cyril-de-Wendover, QC]; (MR 37, 5)[FQM, QC]
Brucite	(T83)[NS: 1, ON: 9, QC: 7, YU: 1; 18 localities]; + (MR 44, 375)[Jeffrey mine, Asbestos, QC]
Brugnatellite	(MR 13, 227)[York River, Bancroft, ON]; (GSCP 78-1A, 335)[Notre-Dame-du Laus, QC]; (MR 44, 375)[Jeffrey mine, Asbestos, QC]
Brushite	(MR 23, 4)[Rapid Creek & Big Fish River, YU]
Bultfonteinite	(MM 65, 133)[Lac de Gras, NT]
Burbankite	(CM 12, 342)[MSH]; (GSCP 67-51, 68)[Miron q. Montreal, QC]; (CM 28, 241)[Chipman Lake, ON]; (MUK87)[ACC, BC]; (Dalsin12)[Wicheeda complex, BC]; (OGR 67, 314)[Montviel complex, QC]; (OGR 64(2015), 642)[Aley carbonatite, BC]; (NComm 4, 3687)[Oka, QC]
Burgessite	(CM 47, 165-180) [TL : Keeley mine, South Lorrain Twp., Timiskaming Dist., ON]
Burkeite	(S.J. Mills MINDAT)[White Lake, Similkameen District, BC]; (Shang 2000)[N. Ingebright Lake, SK]; (CJSS 73, 399)[3 unnamed evaporite localities in Alberta]
Bussyite-(Ce)	(CM 47, 193-204)[TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Bussyite-(Y)	(CM 53, 235-248)[TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Bustamite	(GSCEGR 36, 1-86)[?]; (MINDAT)[Evelyn Creek, YU]
Bütschliite	(Hoffmann 1889, 25)[Brockville, ON]
Bytownite	(JPC 14(1838), 3845) [TL : Ottawa, ON][no longer considered a valid species by IMA, but it was never discredited]
Cabriite	(CM 28, 579)[Thetford Mines, QC]; (EG 90, 135)[Muskox complex, NU]

Cacoxenite	(T83; MINDAT)[near Brockville, & Steep Rock mine, Atikokan, ON;
Cadmoselite	(GSC P 76-1A, 311) [Kidd Creek mine, ON]
Cafarsite	(Harris 1989) [Hemlo deposit, ON]
Calaverite	(AM 34, 348)[Boston Creek, ON; Wright-Hargreaves, Macassa, Toburn, Bidgood, Kirkland Golden Gate, Upper Canada & Lake Shore, Silvanite mines, all Kirkland Lake area, ON; Goldfields m., Louvicourt, QC; Lamaque m., Val d'Or, QC; Canadian Malartic m., Fournier Twp., QC; Horne m., Rouyn-Noranda, QC]; (CM 9, 709)[Robb-Montbray m., Rouyn-Noranda, QC]; (Harri89)[Hemlo, ON]; (CM 25, 659)[Goldlund m., ON]; (T83)[Engineer m., Atlin, BC; Galcier Gulch, Smithers, BC; Dome m., Timmins, ON; Bigstone Bay, Lake of the Woods, ON; Painkiller Lake, Beatty Twp., ON]; (GSCMR 77, 79)[Waite-Ackerman-Montgomery m., QC]; (AM 38, 506)[Giant Yellowknife m., NT]; (EG 36, 45; AM 38, 506)[Negus & Con mines, Yellowknife, NT]
Calcioancylite-(Ce)	(MR 21, 284); [Mont St-Hilaire, QC]; (CM 35, 53)[Napoleon Bay, Baffin Island, NU]
Calcioburbankite	(CM 33, 1231-1235) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Calciocatapleiite	(CM 30, 191 was "calcium catapleiite") [Strange Lake, QC & NL]; (Möller2016)[Thor lake, NT]
Calciohilairite	(CM 30, 191)[Strange Lake, QC & NL]; (MR 29, 95)[Saint-Amable sill, QC]; (RMI 24(3), 140)[Mont Saint-Hilaire, QC]
Calciosamarskite	(AM 13, 63-65; AM 62, 403-410; MM 63, 27-36) [TL1 = Woodcox m., Hybla, Monteagle Twp., Hastings Co., ON; TL2 = Blackstone Lake, Conger Twp., ON]
Calcite	(T83): + (MR 10, 69)[JAM, QC]; (OGR 67, 314)[Montviel complex, QC]
Calderite (revalidated)	(CM 17, 569-571; JP 7, 246-305) [NTL2 = Wabush Iron Company deposit, Wabush Lake, NL]
Caledonite	(UTGS 12, 69)[Beaver Mountain, BC]; (GSC Sum.Rep. 1910, 139)[Ice & Beaverfoot Rivers, BC]
Calzirtite	(GAC/MAC 2002 Mtg. Abst. V18)[Athabasca Basin deposits?]; (Michell & Liferovich data 2004)[Prairie Lake complex, ON]
Cancrinite	(T83)[Craig q., Methuen Twp, Unnamed q., Bancroft, Bigwood Twp. & Gooderham, all ON]; (AM 34, 452)[Methuen Twp., ON]; (AM 34, 747)[Egan Chute, ON]; (CM 11, 940)[York River, Bancroft, ON]; (GSCP 70-50,40)[Gutz farm, Rosenthal, ON]; (CM 9, 109)[MSH, QC]; (T83)[Metawishish River, Albanel, QC]; (OGR 67, 314)[Montviel complex, QC]; (Möller2016)[Thor lake, NT]
Cancrisillite	(Mnews 2007 41(2), 3-4.) [Mont St-Hilaire, QC]
Canfieldite	(T83)[unnamed prospect 31 km N of Revelstoke, BC; Nigadoo prop. Gloucester Co., NB]
Cannonite	(CMN specimen, M. Picard pers. comm. 2011)[Moly Hill, QC]
Cappelenite-(Y)	(CM SP14)[MSH, QC]
Carbocernaite	(CM 11, 812)[Sturgeon Narrows, ON]; (MR 21, 301)[Mont St-Hilaire, QC]; (OGR 67, 314)[Montviel complex, QC]
Carbonatecyanotrichite	(GSC P 71-27, 7)[MacKay Lake, SK]; (MR 15, 89)[Menziess Bay, BC]

Caresite	(CM 35, 1541-1549) [TL1: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC; TL2: Corporation quarry, Montréal, QC]
Carletonite	(AM 56, 1855-1866) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Carnallite	(CM 43, 1409)[Millstream deposit, NB]; (GSCMR 58, 19)[Grosse Ile, QC]; (MR 24, 385)[Rocanville, SK]; (Shang 2000)[N. Ingebright Lake, SK]
Carnotite	(GSC EGR 11, 139)[Quadra Island, BC] (AM 42, 619)[Uranium City, Lake Athabasca, SK]
Carraraite	(D. Doell Jr. p.c. 2013 04 20)[Cape D'Or, NS]
Carrollite	(T83)[Kidd Creek m., ON; Siscoe gold m., QC]
Caryopilite	(EG 78, 1144; CM 31, 695)[Mattagami Lake, QC]
Cassiterite	(T83); (CM 50, 1839)[Red Cross Lake, MN]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 22, 493)[Izok Lake, NU]; (AM 38, 506)[Giant Yellowknife m., NT]; (CM 52, 129)[Mount Begbie, BC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]; (CM 40, 753)[Separation Lake, ON]
Catapleiite	(CM 8, 120; MR 21, 283)[MSH, QC]; (GSCP 78-1A, 253)[Miron, q., QC]; (MR 29, 95)[STA, QC]; (MR 12, 221) [Ice River, BC]; (GSCB 294)[RWC, NL]; (GSC database)[Seal Lake, NL]; (CMN; (Möller2016)[Thor lake, NT] collection)[LME, QC]; (CM 30, 191; CM 34, 349)[STR, NL & QC]; (Kerr2010)[Two Tom Lake, Seal Lake, NL]; (CM 54, 65)[Lafarge q. Montréal, Est, QC]
Cattierite	(GSC P 76-1A, 311)[Kidd Creek m., Timmins, ON];
Caysichite-(Y)	(CM 12, 293-298; MR 3, 69-77) [TL: Evas-Lou m., Val des Monts, Les Collines-de-l'Outaouais RCM, Outaouais, QC]
Cebaite-(Ce)	(Dalsin13)[Wicheeda carbonatite, BC]; (OGR 67, 314)[Montviel complex, QC]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]
Cebollite	(GB69 50) [Oka, QC]
Celadonite	(T83)[Victoria Island, NT; Cape Blomidon & Cape Split, NS]; (GSCP 64-10)[Harbourville, Black Rock, Halls Harbour, Morden, all NS]
Celestine	(T83) + (MR 21, 302)[MSH, QC]; (MR 37, 5)[FQM, QC]; (OGR 64(2015), 642)[Aley carbonatite, BC];
Celsian	(T83) + [64° 10'N, 130° 21'W, YU]; (AM 90, 1660)[Wigwam deposit, BC]; (MD 44, 523)[Brunswick #12 m., NB]; (CM 22, 653)[Gun claim, YU]; (EG 84, 841)[Jason deposit & Tom deposit, YU] : (Mindat)[Ice River, BC]
Cerchiarait-(Al)	(McNeil13, CM 52, 401)[Gun claim, Wilson Lake, Itsi Range, Yukon Territory, YU]
Cerchiarait-(Fe)	(McNeil13, CM 52, 401)[Gun claim, Wilson Lake, Itsi Range, Yukon Territory, YU]
Cerianite-(Ce)	(AM 40, 560-564) [TL: Dominion Gulf claim, Nemegos, Lackner Township, Sudbury Dist. ON]; (OGSOFR5420, 24)[Martison carbonatite, ON]; (Möller2016)[Thor lake, NT]; (CM 52, 943)[Cobequid Highlands, NS]

Cerite-(Ce)	(MR 21, 302)[MSH, QC]; (GSC MR 33, 33)[Villeneuve m., QC];(GSC P 70-50)[Otter Lake, QC]
Černýite	(CM 16, 139-146) [TL : Tanco pegmatite, Bernic Lake, MN]
Cerussite	(T83) (MR 21, 283)[MSH, QC]; (RM 85, 494)[SPB, QC]
Cervantite	(GSCMR 58, 82)[Moreton's Harbour, NL](N.S. database)[Lansdowne, NS]
Cervelleite	(EG 108,59)[Wismer deposit, Sudbury District, ON]
<i>Cesstibantite</i>	(discredited = hydroxykenomicrolite; CM 48, 673)
Chabazite ser.	(T83 chabazite)[most are probably Chabazite-Ca]
Chabazite-Ca	(RMI 24(3), 140) [MSH]; (CM 41, 139)[Little Nahani River pegmatites, NT] [[probably most chabazites from NS, QC]
Chabazite-Na	(RMI 24(3), 140), 7/8, 23) [Mont St-Hilaire, QC]
Chalcanthite	(T83) + (MR 21, 515)[Nanisivik m., NU]; (GAC/MAC2014abst37, 194)[Sherritt-Gordon m., Sherridon, MN]
Chalcoalumite	(MR 15, 92)[Cache Creek, BC]
Chalcocite	(T83)[BC: 10, NB: 8, NL: 2, NT: 72, NS: 3, ON: 10, QC: 13, SK: 1, YU: 4; 123 localities]; (RM 85, 494)[SPB, QC]: (MR 10, 69)[JAM, QC]; (CM 22, 229)[Kidd Creek m., Timmins, ON]; (CM 15, 121)[Mt. Pleasant Tin m., NB]
Chalcomenite	(T83)[Renwick uranium m., ON]; (AM 37, 542)[Goldfields, SK]; (CM 17, 275)[Strathcona m., Sudbury, ON]
Chalconatronite	(RMI 24(3), 140) [Mont St-Hilaire, QC]
Chalcophanite	(CMN collections: CMNOC 131)[Hector m., Elsa-Keno Hill, YU]
Chalcophyllite	(R&M 81, 14)[Silbak Premier m., BC]
Chalcopyrite	(T83)[BC: 45, MN: 9, NB: 2, NL: 13, NT: 10, ON: 38, QC: 19, SK: 6, YU: 14; 156 localities]; (MINDAT)[nearly 1300 localities]; [Ranwick Uranium m., ON]; (AM 37, 554)[Goldfields Distr. SK]; (RM 85, 494)[SPB, QC]: (MR 3 69)[ELU, QC]; (MR 21, 515)[Nanisivik m., NU]; (CM 22, 229)[Kidd Creek m., Timmins, ON]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (OGR 67, 314)[Montviel complex, QC]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Chalcostibite	(AM 35, 516)[Yellowknife Bay, NT; (EG 34, 754)[Labine Point, NT]; (T83)[Mount Washington, BC; Carbon Hill, YU]; (Harris89)[Hemlo deposit, ON]; (EG 36, 45; AM 38, 506)[Con & Negus mines, NT]
Chambersite	(CM 43, 1459) [Penobsquis, NB]; (Fundy Geol. Museum specimen) [Pugwash, NS]
Chamosite	(T83); (RM 85, 494)[SPB, QC]; (R&M 88, 420)[Girardville, QC]
Chapmanite	(UTGS 17(1924), 5-8)[TL : Keeley m., Timiskaming Distr., ON]
Charleshatchettite	(AM 102, 2333-2340)[TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Charmarite	(CM 35, 1541-1549) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Chekhovichite	(Liferovich & Mitchell pers. comm. 2005)[Coldwell complex, ON]
Chengedeite	(Mindat)[Tulameen River placer, BC]

Cheralite	[former cheralite-(Ce); CM 45, 503]; (MUK87)[ACC, BC]
Cherepanovite	(CM 53, 845)[Marathon deposit, QC]
Chernovite-(Y)	(CM 52, 943)[Cobequid Highlands, NS]
Chevkinite-(Ce)	(MM 60(1996), 403)[Coldwell complex, ON]; (ET 2012-01)[Lac Manitou, QC]; (AM 98, 444)[Wentworth pluton, NS]
Childrenite	(MR 23, 4) [Rapid Creek & Big Fish River, YU]; (CM 26, 917)[East Kemptville Tin m., NS]
Chkalovite	(MR 18, 364; MR 21, 303) [Mont St-Hilaire, QC]
Chlorapatite	(CM 10, 252)[Bob's Lake, ON]
Chlorargyrite	(T83)[Richter Mountain, BC; Nipissing mine, ON]; (MR 17, 59)[Silver Islet, ON]
Chloritoid	(T83)[Township 28 & Onaman Lake, ON: 4]; (EG 70, 63)[Matabi m., ON]; (GSCP 64-10, 78)[Foote Cove, NS] (RM 85, 494)[SPB, QC]; (AM 34, 422)[Harvey Hill m., QC]; (GSCP 73-30, 58)[Normetal m., QC]
Chlormagaluminite	(CMN specimen; Mnews 35(2001) 5) [Mont St-Hilaire, QC]
Chondrodite	(T83)[ON: 10, QC: 9 localities]
Christelite	(GEEA 17(1), 21)[Prairie Creek, NT]
Chromite	(T83)[BC: 5, MN: 1, NB: 1, NL: 3, ON: 4, QC: 8; 22 localities]; (GOD 52, 725)[MSH, QC]; (RM 85, 494)[SPB, QC]; (MR 10, 69)[JAM, QC]; (MR 25, 339)[ORF, QC]; (CM 46, 343)[Florence Creek, YU]; (GSCOF 2015)[Sterrett m., QC]
Chromium	(BC Minfile 082ESW055)[Old Nick m., Bridesville, BC]
Chromium-dravite	(CM 52, 61)[Matoush U deposit, Otish Mts., QC]
Chromphyllite	(CM 52, 61)[Matoush U deposit, Otish Mts., QC]
Chrysoberyl	(T83)[Wesleyville, NL]; (AM 15, 439)[Post River, QC]; (T83)[Mont Laurier, QC]; (CM 52, 129)[Mount Begbie, BC]
Chrysocolla	(T83)[Willow Point, King Solomon m., Iron Mountain, Transvaal claim, Boothjack Lake, Roche Deboule m., all BC; Pueblo claim, YU]; (MR 3 69)[ELU, QC]; (GSCP 75-36, 83 & 87)[Chance Cove & St. Lawrence m., NL]; (GSCM 330, 77)[Natkusiak Formation, NT]; (GSCP 65-10, 7)[Dunbrack m., NS]; (GSCP 66-51, 81)[Gaspé Copper m., QC]; (GSCP 73-30, 83)[New Formaq m., QC]; (GSCP 72-32, 52 & 72)[Whitehorse & Canalask m., YU]
Chrysotile	[TL : (CM 17, 693; AC 9, 855 862; CM 44, 1557) [TL : Bell mine, _ Thetford Mines, Les Appalaches RCM, Chaudière-Appalaches, QC](TL for clino-, para- & ortho- polytypes; polytypes discredited CM 44, 1557); [numerous localities]: (MR 10, 69)[JAM, QC];
Cinnabar	(T83)[15 localities, BC; Devils Brook, NB; Carndesson m., ON]; (Harris89)[Hemlo deposit, ON]
Clarkeite	(NS Dept. Mines database)[McLean Point, NS]
Clausthalite	(AM 35, 338)[Theano Point, Montreal River, ON]; (T83)[Christofer Island, Baker Lake, NT; Camray m., ON; Kidd Creek m., ON; Goldfields, SK]; (CM 28, 189)[Trout Lake deposit, MN]; (Harris89)[Hemlo, ON]; (CM 25, 625)[Otish Mtn. Deposit, QC];

Clerite	(CM 45, 1038; UN1989-/-S:MnSb)[Hemlo, ON]
Clinochlore	(MR 44, 375)[JAM, QC]; (RM 85, 494)[SPB, QC]; (MR 25, 339)[ORF, QC]; (OGR 67, 314)[Montviel complex, QC]
Clinoenstatite	(GCA 46, 2083)[Abee meteorite, Abee, AB]
Clinoferroholmquistite	(RRUFF)[Quebec Lithium m., La Corne, Abitibi-Témiscamingue, QC]
Clinohumite	(T83)[Duncan Lake, BC; Chaffeys Locks & Wilberforce, ON; Bigelow Twp., QC]; (GSCP 77-1A, 335)[York River, ON]; (CM 12, 39)[Cargill Lake, ON]; (CGSP 70-50, 102)[Bryson, QC]; (CGSP 66-51, 45-57)[Notre-Dame-du-Laus, Val Barette q., St-Aimé, all QC]; (MR 13, 227)[Bancroft, ON]
Clinoptilolite-Ca	(CM 38, 1215)[Morden, NS]; MR 37, 283 [Laurel, QC]; (author's data 2016) [Mont St-Hilaire, QC]
Clinoptilolite-Na	(CM 38, 1215)[Morden, NS]; (ZoW, 254)[Kamloops Lake, BC]; (Author's data)[MSH, QC]
Clinosafflorite	(CM 10, 877) [TL : Unnamed mine, Cobalt area, ON]
Clino-suenoite	(CM 7, 738 former <i>manganocummingtonite</i>)[Wabush Fe formation, NL]
Clinozoisite	(MR 44, 375)[JAM, QC]; (CM 50, 1839)[Red Cross Lake, MN]
Coalingite	(AM 54, 437)[Muskox complex, NT]; (T83)[Amos, QC]; (MR 44, 375)[JAM, QC];
Cobaltite	(T83)[BC: 4, NB: 1, NT: 4, ON: 30, QC: 4, YU: 1; 44 localities]; (CM 42, 485)[Katiniq deposit, QC]; (CM 22, 493)[Izok Lake, NU] ; (Girard71) [Madeleine Cu-mine, QC]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Cobaltpentlandite	(CM 9, 597)[Langis mine, Timiskaming District, ON]
Coesite	(Lithos 98, 160)[Diavik m., NT]
Coffinite	(T83)[ON: 4; SK: 6; MN: 1; NB: 1]; (CM, 25, 625)[Otish Mountain, QC] (CM 50, 693)[Centennial deposit, SK]; (ET 2012-01)[Lac Manitou, QC]; (CM 13, 198)[Zimmer Lake, SK]; (CM 52, 27)[Kiggavik-Andrew Lake, NU]; (Stern 1991)[Rabbit Lake, SK]
Cohenite	(GCA 21, 127)[Abee meteorite, AB]
Coldwellite	(CM 53, 845-857)[TL : Marathon deposit, Coldwell complex, Thunder Bay District, ON]
Colemanite	(CM 28, 351) [Penobsquis, NB]
Collinsite	(TRSC 42(1926), 18; GSCMB 46, 1-21) [TL : Francois Lake, Coast District, BC]
Coloradoite	(AM 34, 364)[Bidgood, Wright-Hargreaves, Teck-Hughes, Sylvanite, Lakeshore, Kirkland Lake, Hollinger mines, all ON; Robb-Montbray m., QC]; (UTSG 40, 99)[Tough-Oakes m., ON]; (GSCP 73-30, 14)[Macassa m., ON]; (AM 35, 454)[Canadian Creek, YU]; (Harris 1989) [Hemlo deposit, ON]
Columbite ser.	(T83 former "columbite" from BC, MN, NT, NS, ON, QC, SK, YU need analyses to sort out)
Columbite-(Fe)	(former "ferrocolumbite") (GOD 52, 725)[Mont Saint-Hilaire, QC]; (ET 2012-01)[Lac Manitou, QC]; (CM 52, 129)[Mount Begbie, BC]; (CM 52, 857)[Shatford Lake, MN]; (GAC/MAC2015; abstract MD34A-0198)[Clay

Columbite-(Mn)	Howells intrusion, ON]; (Möller2016)[Thor lake, NT]; (OGR 64(2015), 642)[Aley carbonatite, BC]; (CM 40, 753)[Separation Lake, ON] (former “manganocolumbite”) (GOD 52, 725)[Mont Saint-Hilaire, QC]; (CM 52, 129)[Mount Begbie, BC]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]; (Möller2016)[Thor lake, NT]; (CM 40, 753)[Separation Lake, ON]
Colusite	(GSCP 76-1, 311)[Kidd Creek mine, Timmins, ON]; (CM 54, 1307)[Lemarchant deposit, NL]
Congolite	(CM 40, 1572-1581; CM 43, 1459-1487) [Penobsquis, NB]
Conichalcite	(MR 27, 433)[Silvana mine, Sandon, BC]
Connellite	(GSCP 66-51, 123)[Pigeon Hill, NB]
Cookeite	(T83)[Ottertail Creek, BC; Wait-a-bit Creek, BC; Richardson m., ON]; (CM 50, 1839)[Red Cross Lake, MN]
Cooperite	(CM 28, 503)[Tulameen R. BC]; (CM 43, 1687)[Dease Lake, BC]; (CM 25, 579)[Hall chrome pit, Thetford Mines, QC]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Copiapite	(T83)[Elbow River, AB; Spatum claim, BC; Liard Post, BC; Melville Island, NB]; (GSCP 66-51, 118)[Brunswick No.6 m., NB]; (GSCP 67-51, 10)[Enterprise m., ON]; (GSCP 69-50, 39)[Gatineau Parkway, QC]; (MR 21, 515) [Nanisivik m., NU]; (GAC/MAC2014abst37, 194)[Sherritt-Gordon m., Sherridon, MN]
Copper	(T83)[BC: 11, MN: 1, NB: 3, NL: 5, NT: 27, NS: 4, ON: 11, QC: 4, SK: 3; YU: 7; 76 localities]; (MR 10, 69)[JAM, QC];
Coquimbite	(MR 15, 89)[Spatsum claim, BC]
Cordierite	(T83)[BC: 12, MN: 1, NL: 4, NT: 4, NS: 2, ON: 7, QC: 4, SK: 1; 35 localities];
Cordylite-(Ce)	(CM 13, 93; MR 21, 303)[MSH, QC]; (MR 28, 96)[St-Amable sill, QC]; (MUK87)[Aley carbonatite, BC]; (Dalsin13)[Wicheeda carbonatite, BC]
Corkite	(United Keno Hill Mines report UKH96/01)[unspecified mine, Keno Hill, YU]
Cornubite	(MR 3, 69)[ELU, QC]; (OGR 67, 314)[Montviel complex, QC]
Coronadite	(CMNOC 133-135; 247)[Hector m., Elsa-Keno Hill, YU];
Corrensite	(CM 26, 957)[Sharbot Lake, ON]
Corundum	(T83)[BC: 2, NT: 1, ON: 41; 44 localities]; (GOD 52, 725)[MSH, QC];
Cosalite	(T83)[Mount Pleasant, NB];[BC: 7, ON: 4, 11 localities]; (CM 13, 411)[Bernic Lake, MN]; (MRNQP ES-27)[St-Robert, QC]; (GSCMR 77, 79)[Waite-Ackerman-Montgomery m., QC]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 22, 493)[Izok Lake, NU]
Costibite	(CM 28, 189)[Trout Lake deposit, MN]
Cotunnite	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Covellite	(T83)[AB: 1, BC: 4, NB: 8, NL: 4, NT: 3, NS: 1, ON: 9, SK: 2, YU: 1; 33 localities]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (CM 25, 185)[Otish Mountain U deposit, QC]; (Girard71)[Madeleine Cu-mine, QC]; (CM 54, 1307)[Lemarchant deposit, NL]; (JGE 172, 151)[Mount Pleasant deposit, NB]

Cowlesite	(AM 60, 951-956) [TL3 = Monte Lake, BC]; (MR 37, 283)[Wentworth, QC]; (ZoW)[Davis Hill, ON; Douglas Lake & Ferrierite Cliffs, both Kamloops Distr. BC]
Crandallite	(CEV98; CM 44, 563)[Tanco m., MN]; (OGSOFR5420, 24)[Martison carbonatite, ON]; (CM 54, 1205)[Centennial U deposit, SK]
Crerarite	(NJbM 1994 567-575) [TL : Lac Sheen, Belleterre, Témiscaminge RCM, Abitibi-Témiscaminge, QC]; (EG 103, 1005; IGC abstr.)[Wisner Twp. & Levack, Sudbury District, ON];
Crichtonite	(MM 60, 403)[Coldwell complex, ON]; (R&M 85, 494)[SPB, QC]; (CMP 150, 212)[Deadhorse Creek, ON]
Criddleite	(MM 52, 691-697) [TL1 : Golden Giant m., TL2 : Williams m., Hemlo deposit, Hemlo, Bomby Twp., ON]
Cristobalite	(MR 37, 5-60) [Francon q. Montreal, QC]
Crocoite	(MR 37, 5-60) [Francon q. Montreal, QC]; (GSCMR 49)[Tribag m., ON]
Cronstedtite	(CMN collections: CMNMC 48515)[Brunswick #6 m., Bathurst, NB]
Crookesite	(HBM V1, 115; NAL 28, No.170, 77-94)[Pinky Fault U deposit, Lake Athabaska, SK]
Cryolite	(MR 21, 284)[Mont St-Hilaire, QC]; (MR 29, 83)[St-Amable sill]; (MR 37, 5)[Francon quarry, Montreal, QC]
Cryptomelane	(T83)[Gagnon m., Knob Lake, QC]; (authors data)[Mont Saint-Hilaire, QC]
Cubanite	(T83 + MINDAT)[38 loc. BC 4, MN 5, NB 3, NL 3, NT 3, ON 11, QC 6, SK 2, YU 1]; (MR 27, 433)[Silvana m., BC]; (CM 49, 1505)[Voisey's Bay deposit, NL]; (MR 14, 151)[Henderson m., Chibougamau, QC]; (MR 44, 375)[JAM, QC]; (CM 27, 311)[Strathcona m., Sudbury, ON]; (Harris89) [Hemlo, ON]; (CM 22, 493)[Izok Lake, NU]; (LeFort12)[Garson m., Sudbury, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON] ; (Girard71)[Madeleine Cu-mine, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Cummingtonite	(T83); (MR 44, 375)[JAM, QC];
Cuprite	(T83)[BC: 4, NL: 1, NS: 2, ON: 5, QC: 2, YU: 2 localities]; (MR 44, 375)[JAM, QC];
Cuprobismutite	(BCGSC 1991 Field work)[Silver Queen (Nadine) m., BC]
Cuproiridsite	(CM 28, 579)[Hall Chrome pit, Thetford Mines, QC]; (CM 43, 1687)[Lockie Creek, BC]
Cupropolybasite	(MM 71, 641-650; AM 92, 918-925) [TL : Premier mine, Stewart, BC]
Cuprorhodsite	(CM 28, 579)[Hall Chrome pit, Thetford Mines, QC]
Cuprosklodowskite	(CM 7, 331)[Port Radium, Great Bear Lake, NT](AM 36, 411)[Nicholson m., Lake Athabaska, SK]
Cuprospinel	(CM 11, 1003-1007) [TL : Consolidated Rambler m., Baie Verte, NL]
Curite	(GSC EG 16, 190)[Eldorado m., Great Bear Lake, NT]
Cuspidine	(CM 48, 809)[Kiglapait intrusion, NL]
Cyanochroite	(T83)[Giant Mascot m., BC]
Cyanotrichite	(GSCP 66-51, 66)[Eastern Metals m. St-Fabien, QC]
Cymrite	(EG 84, 841)[Tom deposit, Macmillan Pass, YU]
Dachiardite-Na	(CM 19, 285; MR 37, 27) [Francon quarry, Montreal, QC]

Dadsonite	(CM 9, 191-213, MM 37, 437-441) [TL1 : Giant Yellowknife m., Yellowknife, NT; TL2 : Taylor pit, Madoc, Hastings Co., ON]
Dalyite	(CM 30, 191)[Strange Lake, QC-NL]
Danalite	(T83)[Walrus Island, James Bay, QC]; (CM 6, 68)[Needlepoint Mountain, BC]
Danburite	(T83)[Allef Ringnes Island, NU; Iona, NS; Cheverie, NS]; (CM 19, 291)[Penobscquis, NB]; (CM 41, 117)[Stargazer claim, YU]; (NS Dept. Mines Bull. 5 (1986)[Pugwash, NS]; (RM 60(1), 13)[Screw Creek, YU]
D'Ansite	(SG 27, 147)[Waldsea Lake, SK]
Daqingshanite-(Ce)	(MR 21, 284)[Mont St-Hilaire, QC]
Datolite	(T83)[Lacey m., ON; Bobs Lake m., ON; Loon Station, ON; Silver Harbour m., ON; Mulgrave-et-Derry Twp., QC]; (CM 9, 109)[MSH, QC]; (GSCMR 39)[Monmouth Twp., ON]; (ZoW, 51)[Davis Hill, ON]; (GSCMR 39)[Faraday m., ON]; (Can. Mus. Nature coll.)[A50 roadcut #1, Grenville, QC]; (ZoW, 52)[Laurel, QC]; (author's data 2016)[Cross m., QC]
Daubrélite	(MINDAT)[Abee meteorite, AB]; (GCA 30, 23)[Blithfield meteorite, ON]
Davidite-(Ce)	(T83 "davidite")(Faraday Township, ON); (NSDMR 77-1)[McLean Point, NS]
Davyne	(T. Jokela data)[Davis q. Bancroft, ON]
Dawsonite	(TRSC 4(1908), 165-177) [TL : McGill University. campus, Montréal, QC]; (MR 37, 5)[FQM, QC]; (MR 21, 284)[MSH, QC]; (MR 28, 83)[STA, QC]; (GSCMR 32, 57)[Miron q., Montreal, QC]; (MR 13, 226)[Princess Sodalite m., Dungannon, ON]; (CM 8, 378)[Mont St-Bruno, QC]; (TRSC Ser.3, 17, 127)[CNR railway tunnel, Montréal, QC]; (MR 44, 68)[LME, QC]; (EG 80, 1297)[Grey River, NL]; (MM 50, 180)[Muskiki Lake, SK]
Delafossite	(Mindat/R. Mielke data)[Caledonie #2 m., Seneca Twp., ON]
Despujolsite	(SG 27, 147)[Waldsea Lake, SK]
Devilline	(GSCP 71-27, 42 & 48)[Cuprus & Sherritt-Gordon mines, MN]; (GSCP 66-51, 29)[Suffield, Capelton & Albert, Aldermac Moulton mines, QC]; (GSCP 71-27, 27)[Coronation & Birch Lake mines, SK]
Dewindtite	(CM 25, 185) [Otish Basin, QC]
Diadochite	(MR 23, 4)[Rapid Creek, YU]
Diamond	(T83)[localities from BC (2), ON (1), QC (2), SK (1) were all reported as doubtful]; (GSC EG 16, 295)[Kotelmach Lake, SK]; (CM 49, 691)[Lynx complex Otish Mtn., QC]; (MINDAT)[Ekati & Diavik mines, Lac de Gras, NT; Fort a la Corne, SK]; (CJES 37, 517)[Torngat kimberlites. QC]; (CM 48, 549)[Snap Lake. NT]; (CM50, 611)[Aviat, Mellville Peninsula, NU]
Diaphorite	(MR 31, 219)[Van Silver deposit, BC]
Diaspore	(T83)[Bigwood, ON]; (CJES 6, 337)[Flack Lake area, ON]; (MR 10, 69)[JAM, QC]; (CM 14, 442)[Foxtrap m., NL]; (GSCMR 58, 160)[Hope Brooke m., NL]
Dickinsonite-(K Mn Na)	(CM 48, 1455)[Cross Lake, MN]
Dickite	(CM 15, 121)[Mount Pleasant deposit, NB]; (OGR 67, 314)[Montviel complex, QC]; (CM 54, 1205)[Centennial U deposit, SK]

Dietrichite	(NSDMR 89-3, 141)[Sidney coalfield, NS]
Digenite	(MR 23, 529)[Mont Saint-Hilaire, QC]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (CM 25, 185)[Otish Mountain U deposit, QC]; (Girard71)[Madeleine Cu-mine, QC]; (JGE 172, 151)[Mount Pleasant deposit, NB]
Diomignite	discredited IMA 15-H (2015)
Diopside	(T83)[NT: 1, ON: 15, QC: 21, YU: 1; 38 localities]; (MINDAT)[~170 localities]; (MR 10, 69)[JAM, QC]; (MR 25, 339)[ORF, QC]; (MR 21, 283)[MSH, QC]; (OGR 67, 314)[Montviel complex, QC]
Dioptase	(MR 44, 375)[Jeffrey mine, Asbestos, QC]
Djerfisherite	(CM 32, 815) [Lac de Gras, NT; Elwin Bay kimberlite, Somerset Island, NU]; (CM 35, 53)[Napoleon Bay, Baffin Island, NU]
Djurleite	(CM 11, 133)[Christopher m., Cobalt, ON]; (RMI 24(3), 140)[MSH, QC]; (Girard71)[Madeleine Cu-mine, QC]
Dolomite	(T83);+ (RM 85, 494)[SPB, QC]; (GEC86)[Oka; StAndré, QC]; (MR 25, 339)[ORF, QC]; (MR 21, 515)[Nanisivik m., NU]; (OGR 67, 314)[Montviel complex, QC]; [NJ Zinc claim, Mont Albert, QC]
Domeykite	(T83)[Brunswick No.6 m., NB; HAR claims, NT; Michipicoten Island, ON; Silver Islet, ON]
Domeykite-β	(Harris & Thorpe 1985 GSC Paper 85-1A, 713)[Great Slave Lake, NWT]
Donnayite-(Y)	(CM 16, 335-340) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (MR 29, 97)[St-Amable sill, QC]
Dorfmanite	(MR 21, 306) [Mont St-Hilaire, QC]; (MR 23, 5)[Big Fish River, YU]; [CR 4(1) 2000][Tanco pegmatite, MN]
Douglasite	(Mindat/Icarus 224, 382)[Golden deposit, NT]
Doyleite	(CM 23, 21-28) [TL1 : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC; TL2 : Francon quarry, Montréal, QC]; (MR 29, 83)[STA, QC]
Dravite	(MR 21, 284)[MSH, QC]; (CM 52, 129)[Mount Begbie, BC]
Dresserite	(CM 10, 84-89)[TL : Francon quarry, Montréal, QC]
Dufrenite	(GSCM 74, 89)[Moores mine, Madoc, ON]
Dufrénoysite	(Harris89) [Hemlo deposit, ON]
Dumortierite	(T83)[Ashby Twp.; Flaherty claim, Kowkash; Red Paint River, all ON]; (GSCP 74-8, 57)[Cooper m., Rupert Inlet, BC]
Dundasite	(GSC MP 50, 80)[Keno Hill & Galena Hill, YU]
Durangite	(Sabina 2015, PG 97) [Reeves farm occurrence, New Ross, NS]
Duranusite	(CM 18, 525; MR 15, 89)[Mount Washington m., Vancouver Island, BC]
Dypingite	(MR 23, 4)[Rapid Creek, YU]
Dyscrasite	(AM 39, 527)[McDame & Cottonwood Creeks, BC](T83)[LaRose, O'Brien, Buffalo mines, Cobalt, ON; Kerr lake m., ON; Kirkland Lake mine, ON; Barends River m., ON]; (CM 28, 189)[Trout Lake deposit, MN]; (CM 22, 493)[Izok Lake, NU]; (GSCOF1787)[Strathcona m., Sudbury, ON]
Dzhalindite	(CM 10, 781)[Mount Pleasant Sn deposit, NB]
Eastonite	(CM 37, 1405)[Agassiz (MacLellan) m., MN]
Edenite	(Cur76)[Coldwell complex, ON]; (CMN microprobe data)[MSH, QC]

Edingtonite	(CM 22, 253; MR 12, 221) [Ice River, BC]; (MR 21, 306)[MSH, QC]; (CM 54, 149)[Gun claim, YU]
Eirikite	(EJM 22, 875)[Mont St-Hilaire, QC]
Eitelite	(OGR 64(2015), 642)[Aley carbonatite, BC]
Ekanite (redefined)	(CM 20, 65-75) [NTL2: Glacial boulder, Tombstone Mountains, YU; approx. 64°24'N, 138°36'W]
Elbaite	(several localities; e.g., CMNMC 43172); (CM 50, 1839)[Red Cross Lake, MN]; (CM 41, 117) [Stargazer Claim, NT]
Elpidite	(CM 9, 109; MR 21, 306)[MSH, QC]; (MR 29, 97)[STA, QC]; (MR 37, 5)[FQM, QC]; (CM 30, 191)[STR, QC & NL]; (author's data)[LME, QC]; (Wooley87, 65)[Mount Champlain complex, NB]
Emplectite	(T83)[Nix claim, Great Slave Lake, NT; Floyd mine, Haileybury, ON]; (CMN specimen)[Moly Hill, QC]
Empressite	(AM 39, 527)[Pitman, BC]; (CM 17, 275)[Strathcona m., Sudbury, ON]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (Roberts 2017)[Deer Horn deposit, BC]
Enargite	(AM 38, 546)[McMurray & Copper Mtn., AB]; (GSCP 72-53, 78)[Emancipation m., BC]; (GSCM 362, 56)[Thorn claims, BC]; (GSCP 71-27, 39)[Flin Flon, MN]; (NBMOD)[Brunswivk No,6 m., NB]
Enstatite	(BJ 2(1789), 369-398; Horváth 2003, 56) [TL : Paul Island, Nain, Labrador, NL]
Eosphorite	(MR 23, 19)[Rapid Creek & Big Fish River, YU]; (T83)[New Ross, NS]; (CM 48, 1455)[Cross Lake, MN]
Epididymite	(CM 9, 109; MR 21, 307; MR 29, 97) [MSH, STA]
Epidote	(T83)[BC: 3, NL: 5, ON: 9, QC: 12, YU: 4; 33 localities]; (CM 50, 1839)[Red Cross Lake, MN]; (RM 85, 494)[SPB, QC]; (MR 25, 339)[ORF, QC]; MR 21, 283)[MSH, QC]; (CM 5x, xx)[Shatford Lake, MN]
Epistilbite	(T83)[Grand Magnan Island, NB]; Deep Cove, NS; Margaretville, NS]; (AG 38, 1)[Cape d'Or, NS]
Epistolite	(MR 18, 364; MR 21, 308) [MSH]; (MR 29, 98)[STA]
Epsomite	(T83)[AB: 1, BC: 5; NS: 2; ON: 4; QC: 2, YU: 1; 15 localities]; (MR 27, 433)[Silvana m., BC]
Ercitite	(CM 38, 893-898) [TL: Tanco mine, Bernic Lake, MN]
Erdite	(MR 21, 308)[MSH]; (MR 29, 98)[STA]
Erionite ser.	(T83 "erionite" unclassified)[Savona Mountain, BC]
Erionite-Ca.	(ZoW, 161)[Monte Lake, Pass Valley, Chase Creek, all BC]; (MR 37, 283)[Wentworth, QC]
Erionite-K	(pers. comm. T. Nikischer 2003) [Chase Creek, Falkland, BC]
Erlichmanite	(CGA 2001 NE Mtg.Abst.) [Hall Chrome pit, Thetford Mines, QC]; (CM28, 503)[Tulameen R., BC]; (CM 46, 343)[Florence Creek, YU]
Ernstite	(MR 23, 4)[Big Fish River, YU]
Erythrite	(T83+MINDAT)[BC: 8, NL: 1, NT: 4, NS: 1, ON: 53, YU: 2; 69 localities]; (MR 21, 284)[MSH, QC]; (Sabina 2015, PG 97)[Walton (Magnet Cove) m., NS]

Eskebornite	(CM 10, 787)[Martin Lake and Eagle group claims, Lake Athabasca area, SK]
Eskolaite	(CM 52, 61)[Matoush U deposit, Otish Mts., QC]
Esseneite	(JP 7(2), 246)[Wabush Lake, NL]
Eucairite	(CM 10, 207)[Martin Lake, SK] (CM 22, 229)[Kidd Creek m., Timmins, ON]
Euclase	(CM 52, 129)[Mount Begbie, BC]; (R. Hill 2009 08 26)[Mount Broussiloff, BC]
Eucryptite	(CM 11, 709; CM 8, 377)[Tanco Peg., MN; Nakina, ON]; (CM 40, 753)[Separation Lake, ON]
Eudialyte (<i>sensu lato</i>)	[Please note : many of the reported occurrences of eudialyte predate the current nomenclature and may well be one of the many members of the eudialyte group. (CM 6, 298)[SLK, NL]; (MR 29, 83)[STA, QC]; (CM 11, 554)[KIP, QC]; (GSC database)[RWC, NL]; (GSC database)[Ting Creek, YU]; (EG 107, 81)[Thor Lake, NT]; (CM 28, 251)[McGerrigle compl., QC]; (GSC database)[Tombstone Mountain, YU]; (MM 79, 671)[Merlot claim, North Red Wine complex, NL]; (Locock94)[Ice River, BC]
Eudialyte (<i>sensu stricto</i>)	[analyzed](CM 37, 865)[MSH, QC]; (Möller2016)[Thor lake, NT]
Eudidymite	(CM 7, 643)[Seal Lake, Labrador, NL]; (MR 21, 309)[Mont St-Hilaire, QC]; (Kerr2010)[Two Tom Lake, Seal Lake, NL]
Eugsterite	(Shang 2000)[N. Ingebright Lake, SK]; (CJSS 73, 399)[5 unnamed evaporite localities in Alberta]
Eulytine	(AM 56, 395 was "eulytite") [Evans Lou mine, QC]; (JGE 172, 151)[Mount Pleasant deposit, NB]
Euxenite-(Y)	(T83 was "euxenite")[MN: 1, ON: 29, QC: 10; 40 localities]; (MR 3 69)[ELU, QC]; (OGR 64, 642)[Aley carbonatite, BC];
Ewaldite	(CM 10, 99; MR 21, 309) [Mont St-Hilaire, QC]; (OGR 67, 314) [Montviel complex, QC]
Fairchildite	(CM 6, 290)[Deseronto, ON]; (CM 8, 380)[Eganville, ON]; (Shang 2000)[N. Ingebright Lake, SK]
Fairfieldite	(CM 38, 893)[Tanco m., Bernic Lake, MN]
Famatinitite	(EG 34, 754)[B.E.A.R. deposit, Contact Lake, NT]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (GSCEGR No.16, 53)[Echo Bay m., Port Radium, NT]
Farringtonite	(GCA 24, 198-205) [TL: Springwater meteorite, Springwater, SK]
Faujasite ser.	(T83 unclassified "faujasite")[Derry Township, QC]; (ZoW, 170)[Davis Hill, ON]
Faujasite-Na	(RMI 24(3), 140)[MSH]; (MR 37, 283)[Haldene, QC]
Fayalite	(Lithos 4, 367)[Nain, NL]; (CM 7, 314)[Eau Claire, ON]; (CM 31, 775)[Arcedeckne Island, NT]; (MR 8, 36)[Riondel, BC]; CM 27, 67)[Lake Nipigon, ON]
Felsöbányaite	(CMN collections: CMNOC 1929)[Autoroute 10, 3 km N of Sherbrooke, lot 26, Rang VII, Sherbrooke, QC]
Ferberite	(CM 16, 207)[Cantung m., Tungsten, NT]; (CM 29, 37)[E. Kemptville, NS]; (CM 32, 567)[Kalzas Mtn. YU]; (CM 46, 59)[Canadian Creek, YU];

	(CM 40, 1313)[Regal Ridge, YU]; (CM 15, 121)[Mt. Pleasant Tin m., NB]
Fergusonite ser.	(T83 unclassified “fergusonite”)[BC: 3, NT: 1, ON: 11, QC: 6; 22 localities]
Fergusonite-(Ce)	(GOD 52, 725)[Mont Saint-Hilaire, QC]; (CM 8, 1)[Bicroft m., Cardiff Twp., ON]
Fergusonite-(Y)	(CM 10, 914)[ELU, QC]; (CJES 30, 145)[Coldwell complex, ON]; (Sheard10)[Thor Lake, NT]; (CM 41, 117)[O’Grady batholith, NT]; (T83)
Ferriallanite-(Ce)	(CM 40, 1411)[Parham occurrence & Madawaska m., ON]; (RMS abstract with program 2018)[Yates mine, QC]; (GAC/MAC 2018 Abstracts 1530)[Strange Lake, QC & NL]
Ferrierite series	(TRSC 4(1918), 185) [TL: Kamloops Lake, BC]; (ferrierite-K, -Mg, -Na)
Ferrierite-Mg	(TRSC 4, 185-190; CM 35, 1571)[TL: Kamloops Lake, BC]; (ZoW)[Monte Lake, Pinaus Lake, Francois Lake, all BC]
Ferricopiapite	(CMN collections: CMNMC 49498, 50598)
Ferri-fluoro-katophorite	(MM 80, 199-205, NL#29; IMA 2015-096)[TL: Bear Lake diggings, Tory Hill, Monmouth Township, Haliburton Co. ON]
Ferrihydrite	(Mindat/Icarus IC 224, 382)[Golden deposit, NT]
Ferri-kaersutite	(many MSH kaersutite analyses in the literature)[MSH, QC]; (CM 54, 65)[Lafarge q., Montréal, QC]
Ferrimolybdite	(AJS 173, 297-303; Horváth 2003, 60) [TL5: Unknown locality, Renfrew, ON]; (CM 15, 121)[Mt. Pleasant Tin m., NB]
Ferrisicklerite	(EG 90, 658)[Buck claim, Bernic Lake, MN]
Ferrisymplectite	(UTGS 17, 13-17) [TL: Hudson Bay mine, Coleman Township, Timiskaming District, ON]
<i>Ferritungstite</i>	(= hydrokenoelsmoreite; CM 48, 673)
Ferri-winchite	(CM 28, 855)[Pinchi Lake, BC]
Ferro-actinolite	(T83)[Westmeath Twp., ON]; (author’s data)[MSH]; (CJES 28, 1653)[Coldwell complex, ON]; (GSCOF 7173)[Izok Lake, NU]; (RRUFF R060189)[Merry Widow m., Vancouver Island, BC]
Ferroalluaudite	(MR 23, 4 was “ferro-alluadite”) [Rapid Creek, YU]
Ferrobarrisite	(CJES 28, 1653)[Coldwell complex, ON]
Ferrobustamite	(MINDAT) [Ice River, BC]; (Möller2016)[Thor lake, NT]
Ferroceldonite	(RMI 24(3), 140) [Mont St-Hilaire, QC]
Ferrocopiapite	(CMN collections: CMNMC 49498, 50598)[Cache Creek, Kamloops, BC]
Ferro-eckermannite	(RMI 24(3), 140) [Mont St-Hilaire, QC]
Ferro-edenite	(CM 21, 81-91) [TL: Baie-des-Mouton syenite complex, La Tabatière, Le Golf-de-Saint-Laurent RCM, Côte-Nord, QC]; (CMN G. Poirier) [Mont St-Hilaire, QC]
Ferro-ferri-nybøite	(CM 52, 1019)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Ferro-ferri-sadanagaite	(CM SP14)[FRL: Mont St-Hilaire, QC]
Ferro-ferri-taramite	[species approved 2012]; (CM 16, 53)[York River skarn, ON]
Ferrohornblende	(CJES 28, 1653)[Coldwell complex, ON]

Ferro-katophorite	(CM 34, 435)[Kipawa, QC]
Ferrokentbrooksit	(CM 41, 55-60) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Ferrokösterite	(OGR 28, 123)[Mt. Pleasant tin m., NB]
Ferrokinoshitalite	(Mindat: G. Farber)[Gun claim, YU]
Ferronickelplatinum	(Wilson & Harper 2013)[Seagull complex, ON]
Ferronigerite-2N1S	(MINDAT 2N1S polytype) [Geco mine, Manitouwadge, ON]
Ferro-pargasite	(CJES 28, 1653)[Coldwell complex, ON] ; (unpublished data)[MSH, QC]
Ferrorhodsite	(OGR 90 (2017), 723)[Marathon deposit, ON]
Ferrohögbohmite 2N2S	(CMN specimen and analysis)[Dewitts Corners, Bathurst Twp., ON]
Ferro-richterite	(CJES 28, 1653)[Coldwell complex, ON] ; (unpublished data)[MSH, QC]
Ferrosilite	(CM 31, 775)[Arcedeckne Island, NU]; (CM 48, 1171)[Parry Sound, ON]
Ferrotitanowodginite	(CM 36, 637)[Marko's pegmatite, Separation Rapids, ON]
Ferro-tschermakite	(CM 37, 1385)[Lynn Lake, MN]; (EG 88, 817)[Boston Twp., ON]; (EG 89, 720)[Williams m., Hemlo, ON]
Ferrowinchite	(CJES 28, 1653)[Coldwell complex, ON]
Ferrowodginite	(CM 36, 637)[Marko's pegmatite, Separation Rapids, ON]; (AM 98, 444)[Wentworth pluton, NS]
Fersmite	(CM 10, 765)[Winnipeg River, MN]; (MUK87)[ACC, BC]; (CM 52, 857)[Shatford Lake, MN]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]; (OGR 64(2015), 642)[Aley carbonatite, BC] (GAC/MAC 2018 Abstracts 2017)[Eldor carbonatite, QC]
Feruvite	(CM 34, 733; CM 36, 433; CM 38, 869; EG 93, 47)[Red Cross Lake & Tanco m., MN; Kimberley, BC; O'Grady Lake, NT]
Fibroferrite	(CM 16, 17)[Point Aconi, NS]; (T83); (IC 224, 382)[Golden deposit, NT]
Fillowite	(CM 24, 599)[Cross Lake, MN]; (CM 44, 563)[Brazil Lake, NS]
Fischesserit	(CM 22, 229)[Kidd Creek m., Timmins, ON]
Fizélyite	(MR 31, 219) [Silver tunnel, Brandywine Creek, BC]; (MD 42, 627)[Montauban, QC]
Fletcherite	(MINDAT)[Kidd Creek mine, ON]
Florencite-(Ce)	(CM 19, 536)[MacKenzie Mountains, NT]; (CM 52, 27)[Kiggavik-Andrew Lake, NU]; (CM 54, 661)[McArthur River U. deposit, Athabasca Basin, SK]; (CM 54, 1205)[Centennial U deposit, SK]
Fluoborite	(T83)[Crystal Lake, ON; Minde, ON; Cardiff m., Wilberforce, ON]; (RRUFF data)[Kinmount, ON]; (YEG 2015)[Mindy prospect, YU]
Fluocerite-(Ce)	(GCA 122, 324)[Strange Lake complex, NL & QC]
Fluorapatite	[Note : most apatites found in Canada are fluorapatite; only confirmed ones are included here] (CM 50, 1839)[Red Cross Lake, MN]; (CM 50, 1775)[Silverleaf pegm., MN]; (RM 85, 494)[SPB, QC]; (GEC86)[Oka & St-André, QC]; (MR 21, 283)[MSH, QC]; (R&M 88, 420)[Girardville, QC]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]; (OGR 67, 314)[Montviel complex, QC]
Fluorapophyllite-(K)	[Note: most <i>apophyllites</i> found in Canada are fluorapophyllite-(K); only confirmed ones are included]; (MR 10, 69)[JAM, QC]; (MR 21, 284)[MSH, QC]; (Museum Thetford Mines MMRA1998.164)[Normandie m., Thetford Mines, QC]; (MR 40, 297)[Mine Lac d'Amiante, St-Joseph-

	de-Coleraine, QC]: (CM 38, 1215)[Morden, NS]; (GSCMP 64-10)[Cape Blomidon, NS]; (R. Van Dommelen p.c.)[Cape Split, NS]
Fluorbritholite-(Ce)	(APMC 15(1996), 40-45; MR 27, 463) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]; (GAC/MAC 2018 Abstracts 1530)[Strange Lake, QC & NL]
Fluorcalciomicrolite	[mostly former microlite](CM 50, 1839)[Red Cross Lake, MN]; (CM 52, 857)[Shatford Lake, MN]; (Möller2016)[Thor lake, NT]
Fluorcalciopyrochlore	(Groulier14)[Crevier alkaline complex, QC]; (CM 6, 610; RRUFF)[Oka, QC; Gatineau area, QC; Blue River carbonatites, BC]; (RRUFF database)[Verity prop., Blue River, BC]; (Siegel 2017)[Strange Lake, QC&NL]
Fluor-dravite	(CM 47, 315)[Taylor #2 pegmatite, Kenora District, ON]
Fluor-elbaite	(CM 38, 877)[TAP, MN]; (CM 40, 753)[Separation Rapids, ON]; (CM 43, 769)[Root Lake, ON]; (CM 52, 129)[Mount Begbie, BC]
Fluorellestadite	(GB69GAC) [OKA];
Fluorite	(T83) + (GEC86)[Oka; St-André, QC]; (MR 21, 310)[MSH, QC]; (MR 29, 99)[STA, QC]; (MR 37, 5)[FQM, QC]; (MR 13, 87)[Rogers m., Madoc, ON]; (MR 12, 99)[Rock Candy m., Grand Forks, BC]; (OGR 67, 314)[Montviel complex, QC]
Fluor-liddicoatite	[former liddicoatite]; (CM 43, 769)[Root Lake, ON]; (EJM 11, 227)[Maskwa Lake, MN]; (CM 43, 769)[McCombe pegmatite, Kenora District, ON]
Fluornatropyrochlore	(R&M 88, 420)[Girardville, QC]; (Möller2016)[Thor lake, NT]; (GAC/MAC 2018 Abstracts 2017)[Eldor carbonatite, QC]; (Siegel 2017)[Strange Lake, QC&NL]
Fluoro-edenite	(RRUFF data)[Cobden, ON]
Fluorophlogopite	(author's data)[Mont St-Hilaire, QC]; (OGR 64(2015), 642)[Aley carbonatite, BC];
Fluororichterite	(CMN collections CMNMC 47058)[Esson Lake, Wilberforce, ON]; (author's data)[Mont St-Hilaire, QC]
Fluoro-tremolite	(CM 44, 1171?)[Bear Lake, ON]
Fluor-schorl	(CM 52, 129)[Mount Begbie, BC]
Fluorstrophite	(former <i>strontium-apatite</i> & <i>apatite-(Sr-OH)</i>) (EJM 22, 163)[Lac de Gras, NT]; (CM 40, 121)[Mt. Bisson, BC; Gatineau, QC]; (CM 28 241)[Chipman Lake, ON]
Fluor-uvite	[former F-dominant uvite]; (MR 8, 100)[Renfrew, ON]
Foggite	(SG 27, 147)[Waldsea Lake, SK]
Foitite	(CEV98)[Tanco m., Bernic Lake, MN]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 52, 129)[Mount Begbie, BC]; (CM 40, 753)[Separation Lake, ON]
Formanite-(Y)	(CM 38, 685)[Annie Claim #3, MN]
Forsterite	(T83 "olivine") (JP 52, 2147)[MSH, QC]
Fougérite	(Mindat - slag mineral TBC)[Tilt Cove m., NL]
Fourmarierite	(AM 41, 553)[Bear Lake; Wilberforce; Bathurst Twp., ON]; (CM 25, 185)[Mistassini & Otish Mountain U deposits, QC]; (GSCEG 16, 299

) [Eldorado m., NT; Crackingstone Point, SK]: (CM 7, 331) [Port Radium, NT]
Francevillite	(GSCP 68-74, 5) [Little Miminegash Pond, PE]; (CM 25, 185) [Otish Mountain U deposit, QC]
Franckeite	(CM 6, 119) [Coal River, YU]; (CM 24, 45) [Cassiar District, BC = potosiite]
Franconite	(CM 22, 239-253) [TL: Francon quarry, Montréal, QC]; (MR 21, 310) [MSH, QC]; (MR 29, 99) [STA, QC]
Franklinite	(T83) [Tenney's farm, Madoc, ON]
Freboldite	(HBM I, 161) [Pinky Fault U-deposit, SK]
Freibergite	(CM 16, 625); (MR 20, 207); (CM 28, 189) [Trout Lake deposit, MN]; (NBMOD) [Heath Steele m., NB]; (MR 27, 433) [Silvana m., BC]; (JGE 172, 151) [Mount Pleasant deposit, NB]
Freieslebenite	(CM 11, 209) [Cobalt, ON]; (T83) [Yellowknife, NT; Mount Nansen m., YU]; (CM 28, 189) [Trout Lake deposit, MN]; (AGK1990) [Matabi m., ON]; (MR 31, 219) [Silver Tunnel, Brandywine, BC]
Fresnoite	(MR 17, 340) [Gun claim, Macmillan Pass, YU]
Frohbergite	(UTGS 51, 35-40; CM 9, 709-716) [TL: Robb-Montbray m., Rouyn-Noranda TE, Abitibi-Témiscamingue, QC]; (CM 9, 700) [Noranda, QC, Lindquist Lake, BC];]; (Roberts 2017) [Deer Horn deposit, BC]
Froodite	(CM 6, 200-209) [TL: Frood mine, McKim Township, Sudbury, ON]; (CM 27, 311) [Strathcona m., Sudbury, ON]; (CM 49, 1505) [Voisey's Bay deposit, NL]; (CM 49, 1627) [Creighton & Coleman mines, Sudbury, ON]; (CM 45, 775) [Mechanic Settlement, NB]; (GAC/MAC2015; MD14A-0259) [Black Thor complex, Kenora Dist., ON]; (CM 53, 845) [Marathon deposit, QC]; (GSCOF1787) [Victor Deep m., Sudbury, ON]
Fukuchilite	(Wilson & Harper 2013) [Seagull complex, ON]
Fülöppite	(MR 22, 265) [Lake George, NB]
Gadolinite-(Y)	(CM 34, 349) [Strange Lake, QC & NL] (MINDAT) [Beryl pit, Quadville, ON]; (CM 45, 1415) [Scadding Au m., ON]; (CM 52, 857) [Shatford Lake, MN]; Loughborough Twp., ON]; (ET 2012-01) [Lac Manitou, QC]; (GAC/MAC 2018 Abstracts 1530) [Strange Lake, QC & NL]
Gagarinite-(Ce)	[[ex <i>zajacite</i> -(Ce)]] (CM 49, 1111-1114); [TL: Strange Lake complex, Nunavik, Nord-du-Québec, QC & Newfoundland and Labrador]
Gagarinite-(Y)	(CJES 30, 2423; CM 49, 1111) [Strange Lake, QC-NL]
Gahnite	(T83) [Chisel Lake, MN; Gooderham, ON; York River, ON; Geco m., ON]; (GSCP 72-32, 59) [Copper Butte, BC]; (CM 11, 562) [Gear Lake, MN]; (GSCP 72-27, 61-65) [Stall Lake & Anderson Lake m., MN]; (CM 52, 129) [Mount Begbie, BC] (AGK1990) [Matabi m., ON]; (CM 22, 493) [Izok Lake, NU]; (GAC/MAC2015; abstract MD34A-0198) [Clay Howells intrusion, ON]; (CM 29, 995) [Snow Lake, MN]; (CM 40, 753) [Separation Lake, ON]
Gaidonnayite	(CM 12, 316) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (MR 29, 83) [STA, QC]; (GSC database) [KIP, QC]; [MR 29, 83] [LME, QC]

Galena	(T83) [BC: 32, MN: 1, NB: 20, NL: 5, NT: 15, NS: 3, ON: 15, QC: 7, SK: 1, YU: 27; 126 localities]; (RM 85, 494) [SPB, QC]; (MR 10, 69)[JAM, QC]; (MR 21, 515)[Nanisivik m., NU]; (CM 19, 349)[Castlegar, BC]; (CM 25, 625)[Otish Mtn. Deposit, QC] ; (Girard71)[Madeleine Cu-mine, QC]; (OGR 67, 314)[Montviel complex, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Galenobismutite	(T83)[Cariboo m., Barkerville, BC; Mount Pleasant, NB; McElroy Twp., ON]; (GSCP 66-18, 11)[Tozer Brook, NB]; (CM 11, 218)[Siscoe m., Gowganda, ON]; (AM 35, 452)[Dublin Gulch, YU]; (JGE 172, 151) [Mount Pleasant deposit, NB]
Galkhaite	(Harris 1989) [Hemlo deposit, ON]
Ganophyllite	(MR 21, 311) [Mont St-Hilaire, QC]
Garronite-Ca	(ZoW, 184)[Davis Hill & Khartoum, ON]; (MR 37, 287 loc. #83)[Gutz farm, ON]; (MR 37, 287; loc #47)[Unnamed roadcut, Laurel, QC]; (O. Langelier, MINDAT)[Cabonga reservoir, QC]
Garronite-Na	(CM 54, 1544-1562) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (MR 37, 5; CM 54, 1549)[Francon quarry, Montréal, QC]
Garyansellite	(AM 69, 207-209) [TL : Area A-5 & A-7, Rapid Creek, YU]
Gaspéite	(AM 51, 677-684) [TL : New Jersey Zinc Exploration Co. trench, Mont Albert, La Haute-Gaspésie RCM, Gaspésie-Îles-de-la-Madeleine, Québec QC]
Gaultite	(CM 32, 855-863) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Gaylussite	(Shang 2000)[N. Ingebright Lake, SK]
Gedrite	(CM 18, 275; CMP 101, 350; EG 87, 164)[Tallan Lake, ON; Geco mine, ON; Calumet Island, QC]
Geerite	(MD 44, 285)[Lac Témiscouata, QC]
Geffroyite	(GSCOF 1787)[McReedy West m., ON]
Gehlenite	(TRSC 17, 4, 127)[Mont Royal, Montreal, QC]; (CM 48, 809)[Kiglapait intrusion, NL]
Geikielite	(CM 9, 95)[Maxwell quarry, Wakefield, QC]
Genkinite	(CM 28, 503)[Tulameen R., BC]; (Wilson & Harper 2013)[Seagull complex, ON]
Genthelvite	(CM 9, 109; MR 21, 311) [Mont St-Hilaire, QC]
Geocronite	(T83)[Nahani Butte, 61°04'20"N; 123°24'W, NT](CM 9, 212)[Taylor farm, Madoc, ON]; (CM 6, 119)[Coal River, YU]; (MR 31, 219)[Silver Tunnel, Brandywine, BC]; (Harris89)[Hemlo, ON]; (CM 15, 121)[Mt. Pleasant Tin m., NB]
Gerenite-(Y)	(CM 36, 793-800) [TL : Strange Lake complex, Nunavik, Nord-du-Québec, QC & Newfoundland and Labrador]
Germanite	(NSMOD)[Meat Cove, NS]
Gersdorffite	(T83)[BC: 3, MN: 1, NL: 1, NT: 5, NS: 1, ON: 25, QC: 2; 38 localities]; (CM 13, 198)[Zimmer Lake, SK]; (Harris89)[Hemlo deposit, ON]; (CM 17, 351)[Dundonald deposit, ON]; (EG 52, 400) [Giant Yellowknife, NT]; [NJ Zinc claim, Mont Albert, QC]

Getchellite	(GSCMR 48, 17)[Cly Forks q., ON]
Geversite	(CM 33, 665)[Wallgreen deposit, YU]; (CM 28, 503)[Tulameen R., BC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Gibbsite	(MR 21, 312)[MSH, QC]; (MR 29, 83)[STA, QC]; (MR 37, 5)[FQM, QC]; (GSCB 166)[Magnet Cove m., NS]
Gillespite	(CM 11, 444)[Gillespie Lake, YU]; (CM 54, 149)[Gun claim, YU]
Ginorite	(GSC Ann. Rep. 1889, IV, 31)[Windsor, NS]; (Sabina 2015, PG 97) [Wentworth Creek m., NS]
Giorgiosite	(MR 23, 37)[Rapid Creek, YU]
Gismondine-Ca	(CSCM 74(1915), 105)[Two Islands, NS]; (MR 21, 283)[MSH, QC]; MR 37, 5)[FQM, QC]; (MR 37, 286) [Wentworth, QC]; (ZoW, 192)[Davis Hill, ON]; [all described as gismondine]
Gittinsite	(CM 18, 201-203; CM 27, 703-708) [TL : Kipawa complex, Témiscamingue RCM, Abitibi-Témiscamingue, QC]; (CM 30, 191)[STR, QC & NL]; (EG 107, 81)[Thor Lake, NT]
Gjerdingenite-Na	(CM 45, 529-539) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Gladite	(CM 14, 194)[Tanco pegmatite, Bernic Lake, MN]
Glauberite	(Dana 7)[Gypsumville, MN]; (NSDME Bull.5)[Pugwash, NS]
Glaucodot	(T83)[Mount Pleasant, NB]; (GSCP 72-53, 81)[Rocher Débulé m., BC]; (EG 34, 759)[Contact Lake., NT]; (GSCM 187, 36)[Eldorado m., Labine Point, NT]; (CM 11, 179)[multiple loc. Cobalt-Gowganda area, ON]
Glaucosite?	[doubtful species status](T83)[Île d'Orleans, QC]; (GSCP 65-10)[Finlay Point, NS]; (MR 37, 5)[FQM, QC];??
Glaucophane	(CM 28, 855)[Pinchi Lake, BC]; (OGR 67, 314)[Montviel complex, QC]
Gmelinite ser.	(T83 unclassified “gmelinite”; most are gmelinite-Ca)[BC: 1, NS: 8]
Gmelinite-Ca	(ZoW, 205)[nearly all NS localities are Gmelinite-Ca];
Gmelinite-Na	(RMI 24(3), 140) [MSH, QC](Mnews 44(4), 23)[STA, QC]
Gobbinsite	(MR 21, 312)[Mont St-Hilaire, QC]
Godlevskite	(CM 11, 879) [Timmins, ON]; (MR 25, 339)[ORF, QC]; (CM 17, 351)[Dundonald deposit, ON]
Goethite	(T83)[NL: 1, NS: 2, ON: 1, QC: 3]; (RM 85, 494)[SPB, QC]; (GEC86)[St-André, QC]
Gold	(T83)[~350 loc.]; (MINDAT)[~800+ localities]; (CM 53, 845)[Marathon deposit, QC]
Gonnardite	(T83)[Oka, QC]; (RMI 24(3), 140)[MSH, QC]; (MR 29, 109 “tetranatrolite”)[STA, QC]
Gorceixite	(MR 23, 4)[Rapid Creek, YU & Ayer’s Cliff, QC]; (BCMEB 88)[Kechita River & Deep Purple claim, BC]
Gordonite	(MR 23, 4)[Rapid Creek, YU]
Görgeyite	(Shang 2000)[N. Ingebright Lake, SK]
Gormanite	(CM 19, 381-387) [TL : Area B-9, Rapid Creek, YU]; (MR 23, 5)[Big Fish River, YU]
Goslarite	(AM 97, 1905)[Brunswick No.12 m., NB]
Götzenite	(CM 9, 109; MR 21, 313) [Mont St-Hilaire, QC]; (CM 28, 251) [McGerrigle compl., QC]

Goyazite	(MR 23, 4)[Rapid Creek, YU]; (CM 50, 693)[Centennial deposit, SK]; (NSDMR 2004-1)[Brazil Lake, NS]; (CM 48, 1455)[Cross Lake, MN]; (OGR 64, 642)[Aley carbonatite, BC]; (CM 54, 1205)[Centennial U deposit, SK]
Graftonite	(CM 36, 367)[Separation Lake pluton, ON; Tanco mine, Bernic Lake & Cross Lake, MN]
Grandidierite	(CMN collections: CMNMC 49123)[Hwy 401 cuts, Gananoque, 2 km W of Hwy 32 exit, Leeds Co., ON]
Graphite	(T83)[BC: 1, NB: 7, NL: 3, NT: 2, ON: 10, QC: 10, SK: 1: 37 localities]; (MR 21, 284)[MSH, QC]; (GSCP 68-51, p7; p50; p63)[Buckingham; Notre-Dame-du-Laus; Castor Lake m., QC]
Gratonite[?]	(HBM I, ref?)[Taylor pit, Madoc, ON]
Greenalite	(T83)[Trout Point, Albabel, QC]
Greenockite	(T83)[Northfield Twp., QC]; (EG 87, 164)[Calumet Island, QC]; (GSCMR 41)[Gracefield, QC]; (MR 21, 533)[Nanisivik, NU]; (EG 92, 161)[Beaverdam Gold m., NS]; (EG 83, 30)[Sustur deposit, BC]
Greenwoodite	(CM 50, 1233-1242)[TL : Wigwam deposit, Alkolkolex River, BC]
Greigite	(MR 21, 284)[MSH, QC]; (EG 91, 1394)[Namew mine, Flin Flon Dist., MN]
Griceite	(CM 27, 125-127) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Grimaldiite	(Robichaud <i>et al.</i> 2011)[Matoush U. deposit, Otish Mtn., QC]
Griphite	(pers. comm., T.S. Ercit) [Cross Lake, MN]
Groatite	(CM 47, 1225-1235) [TL : Tanco pegmatite, Bernic Lake, MN]
Grossular	(T83)[BC 1, ON 2, QC 6, YU 1]; (CM 50, 1839)[Red Cross Lake, MN]; (MR 10, 69)[JAM, QC]; (MR 25, 339)[ORF, QC]; (MR 21, 284)[MSH, QC];
Groutite	(CM 9, 718)[Magnet Cove mine, Walton, NS]; (MR 10, 69)[JMA, QC]
Grunerite	(T83)[Echo Twp., ON; Albabel & Temiscamie River area, QC]; (AM 49, 963)[Wabush Lake, NL]; (CM 27, 311)[Strathcona m., Sudbury, ON]
Guanajuatite	(MR 20, 207)[Port Radium, NT]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (Normand 2016)[Nicholson #2 m., Beaverlodge Lake area, SK]
Gudmundite	(MR 18, 363)[Lac Nicolet, QC]; (CM 7, 663)[Chisel Lake, MN]; (AM 38, 514)[Giant m., Yellowknife, NT]; (CM 10, 232)[Mulcahy Twp., ON]; (CM 28, 189)[Trout Lake deposit, MN]; (Harris89)[Hemlo deposit, ON]; (EG 36, 45; AM 38, 506)[Negus & Con mines, Yellowknife, NT]
Guérinite	(Mindat - R. Mielke data)[Nipissing 404 m., ON]
Guettardite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL : Taylor property exploration pit, Madoc, Hastings Co., ON]; (CM 22, 493)[Izok Lake, NU]
Gunningite	(CM 7, 209-218)[TL : Comstock-Keno mine, Keno Hill, YU]; (T83)[Lardeau, BC; Dundas, ON; Barville, QC; Rouyn, QC]; (MR 21, 515)[Nanisivik m., NU]
Gustavite	(CM 16, 625)[Tanco mine, MN]; (CM 13, 411)[Terra Mining prop., Great Bear Lake, NT]; (Dennis 1987 thesis)[Eagle Head, NS]; (CMN specimen)[Moly Hill, QC]

Gypsum	(T83)[AB: 9, BC: 4, MN: 5, NB: 11, NL: 22, NS: 6, ON: 10, QC: 3, YU: 1: 71 localities]; (MR 21, 284)[MSH, QC]; (RM 85, 494)[SPB, QC]; (MR 21, 515)[Nanisivik m., NU]
Gyrolite	(T83)[Margaretsville & Black Rock, both NS]; (author's data)[Black Lake, QC]; (ZoW)[Horse Lake, BC]
Hafnon	(R&M 82(2007), 412)[Leduc mine, QC; Tanco pegm. MN]
Hagendorfite	(MR 23, 4)[Rapid Creek, YU]
Haineaultite	(CM 42, 769-780) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Haiweeite	(CM 50, 693)[Centennial deposit, SK]
Halite	(T83)[AB: 4, BC: 3, MN: 1, NB: 1, NT: 1, NS: 6, ON: 2, SK: 1; 19 localities]; (GSCMR 58, 5)[Îles de la Madeleine, QC](MR 21, 284)[MSH, QC]; (Liu1993)[Oka, QC]
Halloysite	(MR 27, 121)[Lac Nicolet Sb mine, QC]
Halotrichite	(T83)[Glance Bay, NS]; (MR 21, 284)[MSH, QC]; (MR 29, 83)[STA, QC]; (MR 15, 89)[Spatsum claim, BC]
Hambergite	(CM 41, 117) [Stargazer Claim, NT]
Hanksite	(Shang 2000)[N. Ingebright Lake, SK]
Hannabachite	(SG 27, 147)[Waldsea Lake, SK]
Harmotome	(T83)[Beaver m., ON]; (MR 21, 284)[MSH, QC]; (MR 37, 5)[FQM, QC]; (GSCP 78-1A, 254)[Miron q., QC]; (CM 6, 147)[Nissikkatch lake, SK]
Harrisonite	(CM 31, 775-780)[TL : Arcedeckne Island, Franklin District, NU]
Hastingsite	(AJS 151, 210-218) [TL : Unknown locality, Dungannon Township, Bancroft, ON]
Hauecornite	(CM 11, 819; CMNMC 32108) [Vermilion mine, Sudbury, ON]; (CM 11, 819)[Strathcona, m., ON]; (CM 13, 198) [Zimmer Lake, SK]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Hausmannite	(T83)[Upham m., Markhamville, NB; Black Rock, NS; McVicar property, Cape Breton Island, NS]
Häüyne	(NJbM 1892, 222)[Mont Royal, Montreal, QC]; (Gold & Marchand 1969)[Oka, QC]
Hawleyite	(AM 40, 555-559) [TL : Hector Calumet Mine, Keno Hill, YU]; [Strathcona m., ON]; (CM 16, 625)[TAP, MN]
Heazlewoodite	(CM 8, 383)[Dundonald Twp., ON]; (CM 11, 879)[Bartlett-Geikie Twp., ON]; (T83)[Nickel Creek, BC; Maple Leaf m., Black Lake, Marbridge m., La Motte, QC]; (AM 49, 692)[Miles Ridge, YU]; (CM 8, 519)[JMA; Continental & Normandie mines, Coleraine; Beaver & National mines, Thetford Mines, all QC]; (CM 28, 537)[Bay of Islands, NL]; (CM 49, 1523)[MAA, NL]; (MR 44, 375)[Jeffrey mine, Asbestos, QC]; (CM 17, 351)[Dundonald deposit, ON]; (GSCOF 2015)[Sterrett m., QC]; (CM 12, 26)[NJ Zinc claim, Mont Albert, QC]
Hedenbergite	(AM 36, 505)[Hedley, BC]; (CM 7, 314)[Smith Lake, ON]; (MR 21, 284)[MSH, QC]; (MR 44, 375)[JAM, QC];
Hedleyite	(UTGS 49, 55-69) [TL : Good Hope claim, Hedley, BC]; (EG 80, 1297)[Grey River, NL]; (CGSMR 77, 186)[Akasaba m., QC]; (AM 34,

	365)[Burwash Creek, YU]; (AM 36, 505)[Oregon claim, Hedley, BC];]; (Roberts 2017)[Deer Horn deposit, BC]: (Mindat/online report)[BiTel Knoll, CLY group claims, BC]
Hellandite-(Y)	(CM 11, 760-775; AM 87, 745-752) [NTL: Evans-Lou Mine, Val-des-Mont, Les Collines-de-l'Outaouais RCM, Outaouais, QC]; (OGS Open file 6290)[Brudenell area, ON]
Helvine	[<i>helvite</i>](CM 9, 109; MR 21, 314) [MSH, QC]; (NBMOD)[Burnt Hill m., NB]; (CM 41, 139)[Little Nahani pegmatite field, NT]
Hematite	(T83)[BC: 8; NB: 6; NL: 9; NS: 9; ON: 13; QC: 11, YU: 10; 66 localities]; (RM 85, 494)[SPB, QC]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (R&M 88, 420)[Girardville, QC]; (OGR 67, 314)[Montviel complex, QC]
Hemimorphite	(T83)[Hudson Bay m., & Ainsworth, BC]; (MR 21, 284)[MSH, QC]; (GSCP 66-51, 72)[Federal m., QC]; (RM 85, 494)[SPB, QC]
Hemloite	(CM 27, 427-440) [TL: Williams m., Hemlo deposit, Bomby Twp., ON]
Henrymeyerite	(MM 58, 49 " <i>priderite</i> ") [Schryburt Lake, ON]; (GAC/MAC 2002 Mtg. Abst. V18)[locality?]
Hercynite	(CM 10, 10, 465)[Mont Yamaska, QC]; (GOD 52, 795)[MSH, QC]; (CM 49, 1505)[Voisey's Bay deposit, NL]
Hessite	(T83) (CM 27, 311)[Strathcona m., Sudbury, ON]; (Dennis 1987 thesis)[Eagle Head m., NS]; (CM 28, 189)[Trout Lake deposit, MN]; (CM 28, 489)[Geordie Lake, ON]; (CM 49, 1627)[Creighton & Coleman mines, Sudbury, ON]; (CM 45, 775)[Mechanic Settlement, NB]; (CM 30, 109)[Boston Creek Flow, ON]; (LeFort12)[Garson m., Sudbury, ON]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (Roberts 2017)[Deer Horn deposit, BC]
Heterogenite	(T83)[Cobalt, ON]; (MR 20, 201)[Port Radium, NT];
Heterosite	(T.S. Ercit, pegmatite database)[locality?]
Heulandite ser.	(unclassified heulandites; most are probably heulandite-Ca); (T83)[BC: 7, NB: 5, NS: 31, ON: 1, QC: 1; 45 localities];
Heulandite-Ba	(ZoW)[Calgary, AB]
Heulandite-Ca	(CM 38, 1215)[Morden, NS and most BC & NS heulandites in T83]
Heulandite-K	(CM 38, 1215)[Morden, NS]
Heulandite-Sr	(ZoW, 254)[Yellow Lake, BC]; (MR 37, 283)[Lapeche Twp., QC]
Hexahydrite	(GSC Summary Rept. 1911, 256-257) [TL: Unknown locality, Bonaparte River, Lillooet, BC]; (MR 21, 515)[Nanisivik m., NU]; (MR 15, 89)[Spatsum claim, BC]
Heyerdahlite	(author's data)[MSH, QC]
Heyrovskýite	(CM 19, 349)[Castlegar, BC]
Hibbingite	(CM 27, 311)[Strathcona m., Sudbury, ON]
Hibonite	(MPS 38(2003), 813) [Tagish Lake meteorite]
<i>Hibschite</i>	(discredited = grossular OH-bearing AM 98, 785)
Hilairite	(CM 12, 237-240)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (CM 30, 191)[STR, NL & QC]; (MR 29, 83)[STA, QC]

Hilgardite	(CM 28, 351; CM 43, 1459) [Penobsquis, NB]
Hingganite-(Ce)	(author's data 2005)[Mont Saint-Hilaire, QC - UK48a]
Hingganite-(Y)	(T.S. Ercit - Rochester Symposium 2002)[UK loc., ON]; (author's data)[MSH, QC]; (AM 98, 444)[Wentworth pluton, NS]
Hinsdalite	(CM 12, 135)[Hess River, YU]
Hiortdahlite I	(CM 12, 241; TMPM 34, 297; T83) [Kipawa complex, QC]
Hiortdahlite II	(CM 12, 241-247; MP 37, 25-35) [TL: Kipawa complex, Témiscamingue RCM, Abitibi-Témiscamingue, QC]
Hisingerite	(T83)[ON: 1, QC: 7 localities]; (MR 21, 284)[MSH, QC]
Hochelagaite	(CM 24, 449-453) [TL1: Francon q., Montréal, QC; TL2: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Hogarthite	(CM 53, 13-30)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Högbomite series	(CM 20, 549)[Manitouwadge, ON]: (R&M 61, 346) [DeWitt's Corners, Lanark Co., ON]
Hohmannite	(NSDMR 89-3, 141)[Sidney coalfield, NS]
Hollandite	(MM 60, 403)[Deadhorse Creek complex, ON]; (OGR 67, 314)[Montviel complex, QC]
Hollingworthite	(CM 9, 617)[Werner Lake, ON]; (CM 28, 503)[Tulameen R., BC]; (CM 49, 1627)[Creighton & Coleman mines, Sudbury, ON]; (CM 45, 775)[Mechanic Settlement, NB]; (CM 42, 485)[Katiniq deposit, QC]; (LeFort12)[Garson m., Sudbury, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (CM 53, 845)[Marathon deposit, QC] ; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Holmquistite	(CM 6, 504)[Lacorne, QC]; (NS Nat. Res. Report 2004-1)[Brazil Lake, NS]; (CM 30, 835)[Ghost Lake batholith, ON]; (CM 50, 1839)[Red Cross Lake, MN]
Hongshiite[?]	(CM 28, 537)[Bay of Islands, NL]
Hopeite	(CMN collections: CMNMC 38752)[Hudson Bay Mine , Salmo, BC?]
Horváthite-(Y)	(CM 35, 743-749) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (H&H2017)[Demix-Varennes quarry, Saint-Amable-Varennes, QC]
Howieite	(CM 28, 855) [Pinchi Lake, BC]
Howlite	(AJS 134(1887), 220-223; Horváth 2003, 91) [TL: Martock, n. Windsor, NS] (CM 13, 370)[Flat Bay Q., NL; Milford Station, NS];
Huanghoite-(Ce)	(MUK87)[Aley carbonatite complex, BC]; (Dalsin13)[Wicheeda carbonatite, BC]; (OGR 67, 314)[Montviel complex, QC]
Hübnerite	(CMN collections: CMNMC 52912, 52913)[Mount Pleasant m., St. George Parish, Charlotte Co., NB]; (RM 81, 14) [Van Silver mine, BC]; (CGSP 66-51, 126 <i>wolframite</i>)[Burnt Hill, NB]; (CGSSR 1907, 80)[New Ross, NS]; (CM 52, 129)[Mount Begbie, BC]
Hulsite	(Abstract - GAC/MAC Whitehorse 2016 SS14)[Mindy prospect, YU]
Humboldtine	(GSC AR IV (1888-89), 39T)[Kettle Point, Rosanquet Twp., ON]
Humite	(T83)[Cardiff uranium m., Wilberforce, ON]
Huntite	(BCMROF 1992-14)[Mount Broussilof m., BC]

Hureaulite	(CM 52, 129)[Mount Begbie, BC]
Huttonite	(T83)[Agnew Lake, Sudbury Dist., ON]
Hydrobiotite	(RM 83, 346)[Mont St-Hilaire, QC]
Hydroboracite	(CM 28, 351; CM 43, 1459) [Penobsquis, NB]
Hydrocerussite	(T83)(GSCP 67-51, 19 & 24)[Frontenac m., & Long Lake Zinc m., ON]; (GSCP 65-51, 780)[Little Gaspé Pb m., QC]; (GSCP68-51, 6)[Buckingham, QC]; (MR 21, 284)[MSH, QC]
Hydrodresserite	(CM 15, 399-404)[TL: Francon q., Montréal, QC]
Hydroglauberite	(JPAL 4,219)[Ceylon Lake, SK]
Hydrohalite	(SG 27, 147)[Waldsea Lake, SK]
Hydrokenoelsmoreite	(CM 32, 567) (former <i>ferritungstite</i>)[Kalzas Mountain, YU]
Hydromagnesite	(T83)[BC: 6; NT: 1; ON: 3; QC: 4, YU: 1; 15 localities]; (MW 2009/1 65) [JMA, QC];]; (JPAL 50, 505)[Manito Lake, SK]
Hydroniumjarosite	(Mindat/Icarus IC 224, 382)[Golden deposit, NT]
Hydoromarchite	(CM 10, 916) [TL: Boundary Falls, Winnipeg River, Kenora Dist., ON]
Hydrotalcite	(T83)[ON: 1, QC: 9 localities]; (CMN collection: CMNMC 46821) [Rockaway Valley Asbestos Prosp., Ponsonby Tp., Papineau Co., QC]; (CMNMC 47347)[JMA, QC]; (author's data)) [Mine Lac d'Amiante, St- Joseph-de-Coleraine, QC];
Hydroterskite	(CM 53, 821-832)[TL: Demix-Varennes quarry, Saint-Amable & Varennes, Lejammerrais RCM, Montérégie, QC]; (CM 53, 821)[Mont Saint-Hilaire, QC]
Hydrotungstite	(R. Van Dommelen)[Lime Hill, NS]
Hydroxyapophyllite-(K)	[former apophyllite-(KOH)]; (MM 65, 133)[Lac de Gras, NT]; (MR 21, 284)[Mont St-Hilaire, QC]
Hydroxycalciopyrochlore	(CM 6, 610)[Hogan occurrence & McDonald m., ON; Gatineau, QC]; (Mindat/P. Kartashov data 2013)[Mann 2, Seal Lake, NL]
Hydroxycalcioroméite	(former <i>lewisite</i>) (Harris89)[Hemlo, ON];
Hydroxykenomicrolite	(CEV98) (former <i>cesstibtantite</i>)[Tanco mine, MN]; (CM 50, 1839)[Red Cross Lake, MN]
Hydroxylapatite	(MW 19(5), 42)[JMA, QC]; (GSCP 81-23, 11)[East Dalhousie, NS]; (CM 41, 139)[Tungsten, NT]; (CM 40, 121) [Lac de Gras, NT]; (MINDAT)[Francois Lake, BC]; (CM 50, 1839)[Red Cross Lake, MN] (MR 13, 225)[Wilberforce, ON]; (AM 98, 444)[Wentworth pluton, NS] (P. Kartashov data MINDAT)[Tripp m., Cardiff Twp., ON]
Hydroxylbastnäsite-(Ce)	(Roberts 2017)[Deer Horn deposit, BC]
<i>Hydroxylbastnäsite-(La)</i>	(CM 40, 1339)[BEP pegmatite, MN]
Hydroxylbastnäsite-(Nd)	(EJM 14,821)[MSH]
Hydroxylherderite	(T83)[BC: 3, ON: 2, QC: 3, YU: 2 localities]; (GSCP 75-1A, 240)[ART- EKW1 property; Goz Creek; Bonnet Plume River, all YU]; (GSCP68-51, 6 & 20)[Buckingham & Glen Almond, QC]; (GSCP 66-51, 73)[Federal m., QC]; (MR 21, 284)[MSH, QC]; (D. Wilson p.c.) [New Brittan Rd, Five Islands, NS]
Hydroxynatropyrochlore	
Hydrozincite	

Ice	[glaciers, permafrost & seasonal everywhere]; (MR 21, 515)[Nanisivik m., NU]
Idaite	(Dana97, 96)[Algoma, ON](MD 44, 285)[Lac Témiscouata, QC]; (EG 89, 936)[Acton Vale, QC]
Imoriite-(Y)	(T.S. Ercit - Rochester Symposium 2002)[Bancroft area, ON]
Ikaite	(AM 86, 1530; CG 88, 36)[Fort Beausejour mudflats, NB – " <i>Fundylites</i> " = as calcite pseudomorphs after ikaite]; (JPAL 50, 505)[Manito Lake, SK]
Ikunolite	(Howard07)[CLY claim, Nelson Mining Div., BC]
Ilesite	(CM 7, 217)[Silver King m., Keno, YU]
Ilmenite	(T83)[BC: 1, NB: 1, NS: 4, ON: 1, QC: 17 localities]; (MR 21, 284) [MSH, QC]; (RM 85, 494)[SPB, QC]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (EG 99, 1177)[KWY, QC]; (R&M 88, 420)[Girardville, QC] ; (Girard71)[Madeleine Cu-mine, QC] (GSCOF 2015)[Sterrett m., QC]; (OGR 64, 642)[Aley carbonatite, BC];
Ilvaite	(T83) [Montier Landing; Barclay Sound, BC]; (CSCP 72-53, 68)[Nadira m., BC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Imogolite	(Dana97, 1435)[Plastic Lake, ON]
Inderborite	(Shang 2000)[N. Ingebright Lake, SK]
Indium	(MINDAT) [Tulameen River placers, BC]; (Watson96)[Keno Hill, YU]
Ingodite	(Mindat/online report)[BiTel Knoll, CLY group claims, BC]
Innelite	(GSC database) [Seal Lake (Red Wine), NL]
Insizwaite	(CM 31, 31)[Strathcona mine, ON]; (CM 49, 1627)[Creighton & Coleman mines, Sudbury, ON]
Inyoite	(Dana7 II, 359; T83)[Hillsborough, NB]; (MINDAT; (Sabina 2015, PG 97)) [Wentworth Creek area, NS]
Iodargyrite	(CM 35, 23)[Chapais-Chibougameau area, QC]
Iowaite	(MR 44, 375)[Jeffrey mine, Asbestos, QC]
Irarsite	(CM 9, 617)[Werner Lake, ON]; (MD 45, 765)[Creighton Lake, Sudbury, ON]; (CM 28, 503)[Tulameen R., BC]; (LeFort12)[Garson m., Sudbury, ON]; (OGR 90 (2017), 723, xx)[Marathon deposit, ON]; (Wilson & Harper 2013)[Seagull complex, ON]
Iridium [& <i>osmiridium</i>]	(CM12, 104)[Tulameen R., BC]; (CM 43, 1687)[Dease Lake, O'Donnel River, Lockie Creek, BC]; (CM 46, 343)[Florence Creek, YU]
Iriginite	(Mindat: R. Gunther)[Martel Lake U deposit, NU]
Iron	(T83)[AB: 1; ON: 3 pre 1900 reports may be doubtful](CJES 2, 188)[Muskox intrusion, NT]; (AM 17, 396)[Springwater meteorite, SK]; (MPS 37, 717)[Tagish Lake meteorite, YU]
Ishikawaite	(T.S. Ercit - Rochester Symposium 2002)[unspecified locality, ON]; (CM 52, 129)[Mount Begbie, BC (?)]
Isocubanite	(Dana97, 96) [Sudbury, ON]; (RRUFF Project)[Henderson #2 m., Chibougamau, QC]; (CM 31, 997)[Middle Valley, Juan de Fuca Ridge, offshore BC]
Isoferroplatinum	(CM 13, 117-126) [TL: Tulameen River placers, Similkameen District, BC]; (CM 45, 775) [Mechanic Settlement, NB]; (CM 53, 845)[Marathon deposit, QC]

Isomertieite	(CM 17, 453)[Lac des Iles complex, ON]; (CM48, 489)[Geordie Lake, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (OGR 90 (2017), 723, xx)[Marathon deposit, ON]
Itsiite	(CM 52, 401-407)[TL: Trench 1, Gun claim, Wilson Lake, Itsi Range, Yukon]
Ixiolite	(CM 36, 547)[TAP, Huron claim, Greer Lake, Irgon claim, all MN; Muskox Lake, NT]; (EG 107, 81)[Thor Lake, NT]; (Sabina 2015, PG 97) [Reeves farm occurrence, NS]
Izoklakeite	(CM 24, 1-5) [TL: Kidd Creek Mines property, Izok Lake, Mackenzie District, NU]
Jacobsite	(AGK1990)[Mattabi m., ON]
Jadeite	(CMN collections: CMNMC 45202)[Mt. Ogden, Omenica Mts., Cassiar Dist., B.C]
Jagowerite	(CM 12, 135-136; AM 59, 291-295) [TL: Hess River area, YU]
Jalpaite	(MR 20, 207)[Port Radium, Great Bear Lake, NT](EG 91, 563)[Selbaie m., James Bay region, QC]
Jamesonite	(T83)[BC: 20; MN: 2; NB: 2; NS:1; NT: 3; ON: 7; YU: 6]; (UTSGS 46, 25)[Montgay (Otis), QC]; (Harris89)[Hemlo deposit, ON]; (AM 38, 506)[Giant Yellowknife m., NT]
Jarosite	(T83); (RM 85, 494)[SPB, QC]; (MR 21, 515)[Nanisivik m., NU]
Jaskólskiite	(CM 22, 487)[Izok Lake, Mackenzie Distr., NU]
Jeanbandyite	(MM 62, 707; CMN collections: CMNOC 2250 to 2253)[Mount Pleasant m. NB]
Jeffreyite	(CM 22, 443-446) [TL: Jeffrey mine, Asbestos, Les Souces RCM, Estrie, QC]
Jervisite	(CMP 150, 212)[Deadhorse Creek, ON]
Joaquinite-(Ce)	(MR 10, 99; MR 21, 315) [Mont St-Hilaire, QC]; (GSC database); Seal Lake, NL]
Johannite	(T83)[Port Radium, Great Bear Lake, NT]
Johanssenite	(Mindat/R. Mielke)[Hellens-Eplett m., Cobalt region, ON]
Johnsenite-(Ce)	(CM 44, 105-115) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Johnsommervilleite	(CM 36, 367)[Separation Lake pluton, ON, Cross Lake, MN]
Jolliffeite	(CM 29, 411-418) [TL: Fish Hook Bay, Uranium City, SK]
Jordanite	(GSCM 310, 55) [Con, Negus-Rycon, Giant-Campbell deposits, Yellowknife, NT]
Jordisite	(ir.gov.sk.ca; EG 82, 169)[Cigar Lake & Cluff Lake mines, Athabasca Basin, SK]
Joséite A	(T83 “Joséite I”)[Glacier Gulch, Smithers, BC]; (AM 35, 451)[Highet Creek, Mayo, YU; Clear Creek, McQuesten Dist. YU] : (Mindat/online report)[BiTel Knoll, CLY group claims, BC]
Joséite B	(AM 34, 342-382) [TL: Glacier Gulch, Smithers, BC]; (AM 36, 505)[Oregon claim, Hedley, BC]; (Mindat/online report)[BiTel Knoll, CLY group claims, BC]
Julgoldite-(Fe ³⁺)	(RMS abstract with program 2018)[Yates mine, QC]

Junoite	(CM 18, 353)[Kidd Creek mine, Timmins, ON]
Jurbanite	(GAC/MAC2014abst37, 194)[Sherritt-Gordon m., Sherridon, MN]
Kaersutite	(MR 21, 313)[MSH](GSC Bull. 245)[Ice River, BC]
Kainite	(Shang 2000)[N. Ingebright Lake, SK]
Kainosite-(Y)	(T83 <i>kainosite</i>)[Cavendish Twp.; Cardiff Twp.; Faraday Twp., ON]; (GSCEG 11, 237)[South Sherbrooke Twp., ON]; (OGS MP70, 205)[Faraday mine, ON]; (NL: 1; (MR 3, 69)[ELU, QC]; (MR 10, 99)[MSH]; (CM 30, 191)[Strange Lake, QC/NL]; (EG 99, 1177)[KWY, QC]
Kalicinite	(Fournier, A. thesis 1993 McGill U.)[St-Honoré, QC]
Kalinite	(T83) [Kamistikwia & Slate Rivers, Thunder Bay area, ON]
Kamacite	(CM 40, 1687)[Abee meteorite, AB]; (AM 17, 396)[Springwater meteorite, SK]; (Mindat)[Benton, NB & St-Robert, QC meteorites]; (MPS 37, 713)[Tagish Lake meteorite, YU]
Kamotoite-(Y)	(R&M 82(2007), 232) [Gole q. n. Bancroft., ON]
Kamphaugite-(Y)	(MR 3, 69: UN21; EJM 1993, 674)[ELU, QC]
Kaňkite	(CM 47, 533) [Meguma Terrane, NS]; (Suisyou (Quartz 50(3), 173)[Venus m., YU]
Kaolinite	(T83)[QC: 6 localities]; (MR 37, 5)[FQM, QC]; (MR 21, 283)[MSH, QC]; (MR 44, 375)[JMA, QC]; (OGR 67, 314)[Montviel complex, QC]
Kapustinite	(Mnews 2007 41(2), 3-4.) [Mont St-Hilaire, QC]
Karelianite	(Harris 1989)[Hemlo, ON]
Karnasurtite-(Ce)	(GSC database)[Seal Lake, Red Wine complex, NL]
Kashinite	(CM 48, 587)[Burwash Creek, Kluane, YU]
Kasolite	(T83)[Cardiff Twp., Tory Hill, Monmouth Twp., Faraday m., McDonald m., Hawk Lake, Richard Lake all ON; Cross Point, Gaspé, QC]: (GSCEGS 16, 317)[Leasdell Lake, SK]; (GSCP 77-1B, 235)[Rabbit Lake, SK]; (GSCP 71-27, 10)[Lee Lake, SK]; (AM 36, 412)[Nicholson m., SK]; (CM 7, 331)[Port Radium, NT]: (CM 25, 185)[Otish Mountain U deposit, QC]
Katophorite	[includes former magnesiokatophorite]; (JP 23, 186)[Coldwell complex, ON]; (MINDAT)[Bear Lake, Tory Hill, ON]; (CM 35, 53)[Napoleon Bay, Baffin Island, NU]
Kawazulite	(CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]
Keilite	(CM 40, 1687-1692) [TL : Abee meteorite, Abee, AL]
Keithconnite	(CM 48, 587)[Burwash Creek, Kluane, YU]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Lindsley m., Sudbury, ON]
Keiviite-(Y)	(Brousseau-Liard thesis 2012)[Strange Lake complex, NL & QC]
Kellyite	(RM 70(1995), 90-138) [Mont St-Hilaire, QC]
Kenoplumbomicrolite	(CM 49, 1199)[Huron claim pegmatite, Bird River belt, MN]
Kentbrooksitite	(RMI 24(3), 140)[Mont St-Hilaire, QC]; (Möller2016)[Thor lake, NT]
Kenyaite	(CMN specimen & analysis)[STA, QC]
Kermesite	(T83)[West Gore m., NS; Red Lake, ON]; (GSCP 72-53, 78)[Alps-Alturas prop., BC]; (AJS III, 30, 275)[Lake George m., BC]; (GSCP 75-36, 97)[Frost Cove, NL]; (MR 24, 223)[Lac Nicolet, QC]

Kësterite	(CM 11, 531)[Snowflake m., BC]; (CM 12, 46)[Brunswick Tin m., NB]; (GSCP 76-1A, 311)[Kidd Creek m., ON]; (CM 15, 121)[Mt. Pleasant Tin m., NB]
Khibinskite	(MM 65, 133) [Lac de Gras, NT]
Khomyakovite	(CM 37, 893-899) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Kiddcreekite	(CM 22, 227-232) [TL : Kidd Creek mine, Timmins, ON]
Kieserite	(CM 43, 1459-1487) [Penosquis, NB]; (JPAL 4, 219)[Ceylon Lake, SK]
Kimuraite-(Y)	(H&H2017)[Demix quarry, Varennes-St-Amable, QC]
Kimzeyite	(Dana97, 1051)[Marathon, ON]; (GAC/MAC Mtg. Abst. 1990)[Oka, QC]
Kinoplumbomicrolite	[former uranmicrolite?] (CM 40, 753)[Separation Lake, ON]
Kinoshitalite	(CM 32, 815)[Elwyn Bay, Sommerset Island, NT]; (MD 44, 523)[Brunswick No. 12 mine, NB]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]
Klockmannite	(T83)[Ranwick U. m., ON; Kidd Creek m., ON; Horne m., Noranda, QC]; (AM 37, 542)[Goldfields dist., SK]; (CM 10, 207)[Martin Lake, SK] (O. Langelier Mindat)[Cabonga reservoir syenite, QC]
Knorringite	(T.S. Ercit - Rochester Symposium 2002)[Bancroft area, ON]
Kobeite-(Y)	(AM 39, 526)[Dodger Tungsten mine, Salmo, BC]
Kobellite	(author's data)[STA, QC]
Kochite	(Roberts 2017)[Deer Horn deposit, BC]
Kochkarite	(MR 21, 315)[Mont St-Hilaire, QC]
Kogarkoite	(CJSS 73, 399)[12 evaporite localities in Alberta]
Konyaite	(AM 37, 531)[Lac Ste-Marie, Gatineau, QC]
Kornerupine	(Mnews 35(2001) 5, 5-6)[Mont St-Hilaire, QC]
Korobitsynite	(Shang 2000)[N. Ingebright Lake, SK]
Korshunovskite	(CM 17, 453)[Lac des Iles complex, ON]; (CM 28, 409)[Blue Lake, QC]; (CM 28, 489)[Geordie Lake, ON]; (CM 49, 1627)[Creighton & Coleman mines, Sudbury, ON]; (CM 45, 775)[Mechanic Settlement, NB]; (CM 30, 109)[Boston Creek Flow, ON]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Kotulskite	(Shang 2000)[N. Ingebright Lake, SK]
Krausite	(OGR 90 (2017), 723, xx)[Marathon deposit, ON]
Kravtsovite	(T83)[Captain deposit, NB; Ashley m., ON; McLeod-Cockshutt m., ON; Lamaque m., Val d'Or, QC]; (AM 34, 350)[Red Lake, ON]; (UTGS 27, 12)[Robb-Montbray m., QC]; (AM 34, 350)[Horne m., Noranda, QC]; (GSCMR 77, 78)[Corbet m., QC];
Krennerite	(JGE 172, 151)[Mount Pleasant deposit, NB]
Krupkaite	(MR 23, 23)[Rapid Creek, YU]
Kryzhanovskite	(GSCMR 58, 94)[Buchans, NL; (M. Mauthner MINDAT)[Mineral King m., BC]
Ktenasite	(EJM 8, 1327-1336; 2 of 4 TL) [TL2 : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC; TL3 Demix quarry, Saint-Amable & Varennes, Lejammerrais RCM, Montérégie, QC]; (Dalsin13)[Wicheeda carbonatite, BC]; (OGR 67, 314)[Montviel complex, QC]

Kulanite	(CM 14, 127-131) [TL: Area A-3, Rapid Creek, YU]; (Sabina 2015, PG 97) [East Keptville m., NS]
Kupčikite	(CMN specimen, M. Picard pers. comm. 2011)[Moly Hill, QC]
Kupletskite	(MR 21, 284)[Mont Saint-Hilaire, QC]
Kuranakhite	(CM 21, 137)[Ashley mine, Matachewan, ON]
Kurgantaite	(CM 43, 1469)[Penobsquis, NB]
Kurilite	(Garagan 2014 thesis)[Afton m., BC]
Kutinaite	(GSC Paper 85-1A, 713)[East arm area, Great Slave Lake, NT]
Kutnohorite	(MR 21, 284)[Mont Saint-Hilaire, QC]
Kyanite	(T83)[BC: 6, MN: 2, ON: 7, QC: 3 localities]
Labradorite	(abandoned (never discredited) name with no valid species status; historically important first mineral described from Canada; Horváth 2003, 105) [TL: Paul Island, Nain, Labrador, NL]
Labuntsovite-Fe	(MR 29, 83; Mnews 37(2003), 1, 2-4) [St-Amable sill, QC]
Labuntsovite-Mn	(MR 21, 284 labuntsovite; Mnews 37(2003), 1, 2-4; labuntsovite-Mn)[MSH & STA, QC]
Laflammeite	(EcoMetrix report 2012 Mindat)[Anaconda occurrence, Seely Lake area, ON]; (CM 53, 845)[Marathon deposit, QC]
Laitakarite	(CM 18, 353)[Kidd Creek m., Timmins, ON]
Lalondeite	(CM 47, 181-192) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Lamprophyllite	(MR 21, 284)[Mont St-Hilaire, QC]; (GSCB 245, 45)[Ice River complex, BC]
Landauite	(Can. Museum of Nature specimen & data)[Mont St-Hilaire, QC]
Langisite	(CM 9, 597-616) [TL: Langis mine, Casey Township, Timiskaming District, ON]
Langite	(T83)[Menzies Bay, BC]; (GSCP 66-51, 8)[Eastman, QC]; (MR 21, 284) [MSH, QC]; (R. Van Dommelen p.c.)[Dunbrack Mine, NS]
Lansfordite	(AM 9, 225)[near Atlin, BC]; (AM 91, 1331)[Clinton Creek, YU]
Lanthanite-(Ce)	(LRM No.23, (1998) 29-35)[Mont Saint-Hilaire, QC]; (EG 107, 81)[Thor Lake, NT]
Lanthanite-(La)	(P. Kartashov data MINDAT)[Tripp m., Cardiff Twp., ON]
Lapieite	(CM 22, 561-564) [TL: Unnamed locality, Lapie River junction with Glacier Creek, YU]
Larnite	(CJES 21, 428)[Freemans Cove, Bathhurst Island, NU]
Larosite	(CM 11, 886-891) [TL: Foster mine, Colman Township, Timiskaming District, ON]
Latrappite	(CM 8, 122-123) [TL: Bond zone exploration trench, Oka complex, Deux Montagnes RCM, Laurentides, QC]
Laumontite	(T83)[Centre Star m., Rossland & Drumlummon m., BC]; (MR 27, 433) [Silvana m., BC] (GSCP 72-53, 20)[Yellow Lake, BC]; (CM 10, 915)[Sooke river, BC]; (T83)[Port, George, Port Lorne, Baxter's Harbour, Hall's Harbour, Chipman Brooke, Harbourville, Morden, Margaretsville, Cape Blomidon, Cape Split, Cape d'Or all NS]; (T83)[Tribag m., Nicolet Twp., ON]; (GSCP 67-51, 96)[St-Urbain, QC]

Launayite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Laurentianite	(CM 50, 1265-1280)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Laurionite	(MR 44, 375)[Jeffrey mine, Asbestos, QC]
Laurite	(CM 40, 651)[Wellgreen deposit, YU]; (CM 28, 579)[Hall, Lemelin, Naves, Lambly Nadeu, Indice #1, Sterret mines, Black Lake-Thetford Mines area, QC]; (CM 28, 537)[Bay of Islands, NL]; (CM 49, 1523)[MAA, NL]; (CM 46, 343)[Florence Creek, YU]; (OGR 90 (2017), 723, xx)[Marathon deposit, ON]
Lautite	(CM 16, 665)[Ross mine, Holtyre, ON]
Lavendulan	(CM 9, 718)[Magnet Cove mine, Walton, NS]
Låvenite	(GSCB 245, 45)[Ice river, BC]; (MR 21, 316)[MSH, QC]; (MR 29, 102)[STA, QC]
Laverovite	(CM 57, 201-213)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Lawrencite	(GSCOF1787)[Strathcona m., Sudbury, ON]
Lawsonite	(CM 28, 855) [Pinchi Lake, BC]
Lazulite	(T83)[Hope, BC; Sam Goosly prop., BC; Fort Churchill, MN; Lac Mistassini, QC]; (MR 23, 16)[Rapid Creek & Big Fish River, YU]
Lazurite	(GSCMR 8, 26)[Soper River, n, Lake Harbour, NU]
Lead	(T83)[Dog Lake, ON; Dublin Gulch & Hunker Creek, YU]; (CM 14, 577)[Keno Hill, YU]; (MR 21, 284)[MSH, QC]; (AM 38, 506)[Giant Yellowknife m., NT]
Leadhillite	(GSCMR 57, 97)[Wright m., Témiscamingue, QC]
Lechatelierite	(Mindat - Yale Peabody Museum specimen)[Lake Athabaska, SK]
Lecoqite-(Y)	(CM 48, 95-14)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Leifite	(CM 9, 109; MR 21, 316)[MSH, QC]; (CM 34, 349)[Strange Lake, QC-NL]
Leightonite	(Shang 2000)[N. Ingebright Lake, SK]
Lemoynite	(CN 9, 585-596)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (MR 29, 83)[St-Amable sill, QC]
Lengenbachite	(EG 36, 45; AM 38, 506)[Negus & Con mines, Yellowknife, NT]
Lepidocrocite	(T83)[Keno Hill area, YU]; (GSCP 65-10, 20)[Finlay Point, NS]; (GSCP 66-51, 115)[Bathurst m., NB]; (CM 50, 1265)[MSH, QC]
Lepidolite ser.	(trilithionite-polyolithionite); (CM 50, 1839)[Red Cross Lake, MN]; (CM 50, 1775)[Silverleaf pegm., MN]; (CM 52, 129)[Mount Begbie, BC]; (CM 40, 753)[Separation Lake, ON]
Leucite	(T83)[Horsefly River, BC; Spotted Fawn Creek, YU]
Leucophanite	(CM 9, 286; MR 21, 318) [Mont St-Hilaire, QC]
Leucophosphite	(T83)[Narcosli Creek-Fraser River, BC]
Leucosphenite	(CM 11, 851; MR 21, 319) [Mont St-Hilaire, QC]
Lévyne ser.	(unclassified lévyne)
Lévyne-Ca	(AM 60, 951)[Monte Lake, BC]; (AM 61, 853)[Douglas Lake, BC]; (MR 27, 283)[Lapeche, QC].

<i>Lewisite</i>	[renamed = hydroxycalcioroméite (Atencio <i>et al.</i> 2010)]
Liandratite	(Mindat/Tech. Report)[Rose Li-Ta project, Nord du Quebec, QC]
Liberite	(OGSOF 6195) [Swole Lake pegmatite, ON]
<i>Liddicoatite</i>	[redefined = fluor-liddicoatite]
Liebigite	(T83)[Rabbit Lake, SK; Nistowiack Lake, SK; Nicholson Bay, Lake Athabasca, SK]
Linarite	(T83)[Slocan, BC; Bear River Ridge, BC; Atlin, BC]; (R. Van Dommelen p.c.)[Dunbrack Mine, NS]
Lindsleyite	(MM 60, 403)[Deadhorse Creek, ON]
Lindströmite	(CM 14, 194)[Silver Miller m., Cobalt, ON]
Linnaeite	(T83)[Werner Lake, ON & Eastern Metals m., QC]; (AM 35, 435)[Aiken Lake, BC]; (GSCP 66-18, 11)[Captain deposit, NB]; (CM 9, 597)[Langis m., ON]; (GSCP 73-13, 12)[Temagami m., ON]; (NJM 8, 240)[Vauze m., QC]; (MR 21, 515)[Nanisivik m., NU] ; (Girard71)[Madeleine Cu-mine, QC]
Lintisite	(RM 70, 90) [Mont St-Hilaire, QC]
Lipscombite	(CM 52, 129)[Mount Begbie, BC]
Lisiguangite	(EG 108, 59)[Wismer South deposit, Sudbury District, ON]
Litharge	(T83)[Dublin Gulch, YU]
Lithiophilite	(T83)[Point du Bois, MN; Montgary m., MN]; (CM 50, 1839)[Red Cross Lake, MN; Little Nahani pegmatite field, NT]; (CM 52, 129)[Mount Begbie, BC]
Lithiophorite	(GSCB 745, 33)[Torp Lake pegmatites, Bathhurst Inlet, NU]
Lithiophosphate	(CM 11, 721)[Tanco m., Bernic Lake, MN]
Lithiowodginite	(CEV98)[Tanco pegmatite, MN]
Litvinskite	(Mnews 2007 41(2), 3-4.) [Mont St-Hilaire, QC]
Lizardite	(MR 10, 69)[JMA, QC]; (MR 18, 364)[MSH, QC]
Lokkaite-(Y)	(MR 3, 69)[Evans Lou, QC]
Löllingite	(T83)[NB: 1, ON: 9, QC: 3 localities]; (MR 21, 284)[MSH, QC]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (MR 29, 83)[STA, QC]; (EG 36, 45; AM 38, 506)[Negus & Con mines, Yellowknife, NT] ; (Girard71)[Madeleine Cu-mine, QC]; (CM 40, 753)[Separation Lake, ON]
Loparite	[was Loparite-(Ce)] (RM 70, 90; MM 58, 49)[Mont St-Hilaire, QC]; (MUK87)[ACC, BC]; (GSC database)[Mann1, Seal Lake, NL]; (OGR 67, 314)[Montviel complex, QC]; (OGS Open file 6290)[Brudenell area, ON]
Lopatkaite	(MM 77, 1-12, NL#15; IMA 2012-83)[TL: Taylor pit[?], Madoc, ON]
Lópezite	(MINDAT)[Cominco smelter, Trail, BC]; (antropogenic?)
Lorenzenite	(MR 21, 319)[MSH, QC]; (MR 29, 103)[STA, QC]; (MINDAT)[Ice River, BC]; (GSC database)[Seal Lake, NL]; (CM 35, 53)[Napoleon Bay, Baffin Island, NU]; (MUK87)[Aley carbonatite];
Lovozerite grp.	(MR 21, 284) [Mont St-Hilaire, QC]
Ludlamite	(CM 14, 127)[Rapid Creek, YU]
Ludwigite	(T83)[Cross q., Wakefield, QC]; (AM 39, 522)[Swift River-Source Lake, YU]

Lueshite	(MR 21, 321) [Mont St-Hilaire, QC]; (MR 29, 103)[St-Amable sill, QC]
Lukechangite-(Ce)	(AM 82, 1255-1260) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Lukkulaisvaaraite	(OGR 90, 723)[Marathon deposit, Coldwell complex, ON]
Mackinawite	(T83)[Mount Mollie & Pardee Twp., ON]; (CJES 5, 1387)[Whalesback m., NL]; (CM 27, 311)[Strathcona m., Sudbury, ON]; (AGK1990)[Mattabi m., ON]; (AM 50, 682)[Muskox intrusion, NT]; (GSCP 77-30, 52)[Millenbach m., QC]; (GSCMR 77, 78)[Corbet m., QC]; (GSCMR 77, 186)[Akasaba m., QC];
Madocite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL : Taylor property exploration pit, Madoc, Hastings Co., ON]
Magadiite	(MR 18, 364, MR 21, 321)[Mont St-Hilaire, QC]; (MR 29, 103)[St-Amable sill, QC]
Magbasite	(OGR 86(2017), 784.)(Eldor carbonatite, QC]
Maghagendorfite	(MR 23, 4)[Big Fish River, YU]
Maghemite	(G & M69)[Oka, QC]; (CM 7, 670)[Klashwun Point, BC]; (MINDAT)[Windpass, m., BC]; (OGSOFR5420, 24)[Martison carbonatite, ON]
Magnesian-arfvedsonite	(CM 25, 739; MR 21, 321) [Mont St-Hilaire, QC]; (CM 28, 211)[Chipman Lake complex, ON];
Magnesiochromite	(T83)[Scottie Creek & Ruby Creek, both BC; Caribou pit, Coleraine, QC]; (CM 23, 213)[Picton dyke, ON](MW 20(1), 64)[JMA]; (AJS 3, 1)[Ile Cadieux, QC]; (GSC coll.)(Montreal Chrome, QC]; (CM 46, 343)[Florence Creek, YU]
Magnesiocopiapite	(AM 65, 761)[Prince m., Cape Breton, NS]
Magnesian-ferri-hornblende	(CM 28, 855)[Pinchi Lake, BC]; (CMSP 14)[MSH, QC]
Magnesianferrite	(CM 23, 213)[Picton dyke, ON]
Magnesian-fluoro-arfvedsonite	[name change from fluoro-magnesian-]; (I. Pekov - Horváth pers. comm. 2005) [Mont St-Hilaire, QC]
Magnesian-foitite	(CM 44, 959)[Key, Rabbit & Link Lakes, McArthur River, Athabasca Basin, SK]; (CM 54, 1205)[Centennial U deposit, SK]
Magnesian-hastingsite	(AM 13, 287-296; Horváth 2003, 115) [TL : Mont Royal, Montréal, QC]; (CM 54, 65)[Lafarge q., Montreal, QC]
Magnesianhögbomite 2N2S	(CMN specimen and analysis)[Dewitts Corners, Bathurst Twp., ON]
Magnesianhögbomite 2N3S	(CMN specimen and analysis)[Dewitts Corners, Bathurst Twp., ON]
Magnesianhornblende	(T83 " <i>hornblende</i> " mostly magnesianhornblende)[BC: 2, NL: 1, ON: 25, QC: 14 localities]
<i>Magnesiankatophorite</i>	[redefined = katophorite]
Magnesianriebeckite	(CM 25, 739)[MSH, QC]
Magnesianzippeite	(McCollam 2002 Thesis, Notre Dame U.)(Port Radium, NT]
Magnesianite	(T83)[~20 localities]; (MUK87)[ACC, BC]; (RM 85, 494)[SPB, QC]; (CM 12, 26)[NJ Zinc claim, Mont Albert, QC]
Magnetite	(T83)[~145 localities]; (RM 85, 494)[SPB, QC]; (MR 10, 69)[JAM, QC]; (MR 25, 339)[ORF, QC]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (OGR 67, 314)[Montviel complex, QC]; (CM 53, 845)[Marathon deposit, QC]

Majakite	(EG 89, 1630; CM 30, 121; AM 76, 1694)[Thompson m., MN; Coldwell complex, ON; Two Duck Lake, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (OGR 90 (2017), 723, xx)[Marathon deposit, ON]
Majorite	(CM 15, 97) [Catherwood meteorite, SK]
Makatite	(MR 21, 321)[Mont St-Hilaire, QC]; (MR 29, 103)[StAmable sill, QC]
Malachite	(T83)[BC: 14, MN: 1, NB: 1, NL: 2, NT: 3, NS: 4, ON: 5, QC: 10, SK: 2, YU: 11 localities]; (RM 85, 494)[SPB, QC]; (MR 3 69)[ELU, QC] ; (Girard71)[Madeleine Cu-mine, QC]
Malanite	(CM 43, 1687)[Dease Lake, O'Donnel River, BC]
Malayaite	(MR 24, 385)[Ash Mountain, Tuya Range, BC]; (R&M 60(1), 13)[MW claim, Screw Creek, Cassiar Mts, YT]; (YEG 2015)[Mindy prospect, YU]
Maldonite	(EG 87, 1541)[Nickel Plate m., Hedley, BC]
Malinkoite	(CM 40, 183; MR 21, 365 UK53a & 53b) [Mont St-Hilaire, QC]
Malyshevite	(EG 103, 1005)[Wisner Twp., Sudbury Dist., ON]
Mancheite	(CM 17, 453)[Lac des Iles complex, ON]
Manganite	(T83)[BC: 2, NB: 8, NS: 11, ON: 3, QC: 4, YU: 1 localities]; (MR 10, 69)[JAM, QC];
Manganoeudialyte	(CMSP 14)[MSH, QC]
Manganogrunerite	(CM 31, 695(Thompson, MN)
<i>Mangano-cummingtonite</i>	(CM 7, 738)[Wabush Lake, NL][discredited = clino-suenoite]
Manganokhomyakovite	(CM 37, 892-899) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Manganokukisvumite	(CM 42, 781-785) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Manganoneptunite	[former <i>mangan-neptunite</i>]; (MR 21, 321)[MSH, QC]; (MR 29, 104) [STA, QC](author's data)[LME, QC]
Manganotychite	(RM 70(1995), 90)[Mont Saint-Hilaire, QC]
Manitobaite	(CM 48, 1455-1463; CM 49, 1221-1242 structure)[TL : Cross Lake, MN]
Manjiroite	(EG 87, 1275)[Cain & Riddle mines, NS]
Mannardite	(CM 24, 55-66) [TL : Rough claims, Kechika & Gataga Rivers area, BC]; (CM 24, 55)[Brunswick No.12 m., NB]
Marathonite	(MM 80, 1315-1321; NL #34; IMA 2016-080) [TL : Marathon deposit, Coldwell complex, ON]
Marcasite	(T83)[~70 localities]; (MR 21, 515)[Nanisivik m., NU]
Margarite	(CJES 8, 1145)[Schroeder Creek, BC]
Marialite	(T83 "scapolite"); (CM 6, 140)[Nisikkatch Lake, SK]; (CM 38, 1193)[Cooke Inlet, Baffin Island, NU]
Marianoite	(CM 46, 1023-1032[TL : Prairie Lake, ON]
Mariçite	(CM 15, 396-398) [TL : Big Fish River, YU]
Martinite	(CM 45, 1281-1292) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Maslovite	(CM 49, 1627)[Creighton & Coleman mines, Sudbury, ON]; (CM 42, 485)[Katiniq deposit, QC]; (GSCOF1787)[McCreedy East & West mines, Sudbury, ON]

Massicot	(United Keno Hill Mines report UKH96/01)[unnamed mine, Keno Hill, YU]
Masuyite	(CMN collections: CMNMC 40937)[Deer (or Darney) Claims, 10 km W of Kiwi Lake, Wernecke Mts., YU]; (ENVG 40, 495)[Rabbit Lake, SK]
Matildite	(CM 11, 1016)[Owen Lake, BC]; (UTSG 30, 55)[Glacier Gulch, BC]; (CM 9, 655)[Conjuror Bay Great Bear Lake, NT]; (AM 38, 546)[Camsell River, NT]; (CM 11, 216)[Silverfields & Keeley m., ON]; (UTSG 12, 70)[O'Brien m., Cobalt, ON]; (T83)[Foster m., Coleman Twp., ON]; (GSCOF1787)[Frood m., & Norman prop., Sudbury, ON]
Matioliite	(LH – A. Petrov p. comm 2017 01 29; XRD EDS)[Rapid Creek, YU]
Mattagamite	(CM 12, 55-60) [TL : Mattagami mine, Matagami, Nord-du-Québec, QC]
Maucherite	(T83)[10 localities]; (MR 10, 69)[JAM, QC]; (MR 25, 339)[ORF, QC]; (CM 42, 485)[Katiniq deposit, QC]; (Mindat R. Mielke)[NJ Zinc claim, Mont Albert, QC]
Mawsonite	(CM 12, 26)[Brunswick Tin m., NB]; (CM 22, 229)[Kidd Creek m., Timmins, ON]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 17, 351)[Dundonald deposit, ON]
Mazzite-Na	(Lapis 30(10), 63) [Mont St-Hilaire, QC]
Mcauslanite	(CM 26, 917-921) [TL : East Kemptville tin m., Yarmouth Co., NS]
Mcgillite	(CM 18, 31-36) [TL : Sullivan mine, Kimberley, BC]
Mckelveyite-(Y)	(MR 21, 321)[Mont St-Hilaire, QC]
Mckinstryite	(EG 61(1966), 1383-1389) [TL : Foster mine, Coleman Township, Timiskaming District, ON]; (GSC MR 77, 111)[LaRonde mine, Rouyn-Noranda, QC]
Meierite	(CM 54, 149-1259) [TL: Trench 1, Gun claim, Wilson Lake, Itsi Range, Yukon Territory]
Meionite	(MR 21, 284)[MSH, QC]; (T83 "scapolite")
Melanocerite-(Ce)	(T83)[Pole Star m. conc. XII, lot 25, Burleigh Twp., Blue Brook Cerium m. conc. V & VI, lots 18-20, Monmouth Twp., Cavendish Uranium prospect, conc. VII, lots, Cavendish Twp., Windover property, conc. III, lot 3. Cavendish Twp. all Peterborough Co., ON; Centre Lake property, conc. XI, lots 26-27, Cardiff Twp., Croft property, Cardiff Twp., Fission mines, conc. XXI, lot 5, Cardiff Twp. All Haliburton Co., ON; Carr-Quirk-Mellish property, conc. I, lot 5, Monteagle Twp. Hastings Co. ON]
Melanovanadite	(GSCEGR 27, 27)[Beaverlodge, SK]
Melanterite	(T83)[11 localities]; (MR 21, 284) [MSH, QC]; (MR 21, 515)[Nanisivik m., NU]
Mellite	(T83 <i>mellilite</i>)[Ste-Anne-de-Bellevue, QC]; (CM 11, 457)[Oka, QC]; (CM 42, 183)[Gahcho Kue kimberlite, NT]
Melonite	(CM 9, 617)[Strathcona & Falconbridge mines, ON]; (AM 34, 360)[Teck Twp., ON](CM 9, 709)[Robb Montbray, QC]; (CM 28, 489)[Geordie Lake, ON]; (CM 17, 453)[Lac des Iles, ON]; (LeFort12)[Garson m., Sudbury, ON]
Mendozite	(NJhM 1983, 158) [Cache Creek, BC]
Meneghinite	(AM 36, 505)[Durango m.; Silver Bell claim; Silver Standard m., all BC]; (AM 38, 547)[Rossland Mines, Trail, BC]; (UTSG 51, 75)[Mastodon

	claim, BC]; (MR 27, 433)[Silvana m., BC]; (CM 7, 663)[Chisel Lake, MN]; (GSCM 74, 155)[Marmora Twp., ON]; (UTSG 46, 5)[Marble Lake & Anglesea Twp., ON]; (T83)[Helena m., & Barrie Twp., ON; Sourdough Hill, YU]; (CM 22, 493)[Izok Lake, NU]; (AM 38, 506)[Giant Yellowknife m., NT]
Menshikovite	(R.H. Mitchell p. c. 2004) [Coldwell Complex, ON]; (CM 53, 845)[Marathon deposit, QC]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Menzerite-(Y)	(CM 48, 1171-1193) [TL : Bonnet Island, Georgian Bay, Parry Sound, ON]
Mercallite	(Shang 2000)[N. Ingebright Lake, SK]
Mercury	(T83)[Shuswap; Silver Peak; Mugwump claim; Barclay Sound, all BC; Devil's Brook, Souchesk Parish, NB; O'Brien m., Coleman Twp., ON]
Merenskyite	(CM 12, 193)[Temagami Island, Temagami Lake, ON]; (CM 9, 617)[Werner Lake, ON]; [CM 42, 667][Bear Lake, Flin Flon Dist., MN]; (CM 22, 13)[Pickle Lake, ON]; (MD 46, 38)[Levack, Sudbury Dist., ON]; (EG 83, 492)[Rathbun Lake, Sudbury Dist., ON]; (EG 103, 1005)[Wisner Twp., Sudbury Dist., ON]; (CM 22, 233)[Lac des Iles complex, ON]; (CM 16, 699)[Lower Shebandowan Lake, ON]; (CM 28, 489)[Coldwell complex, ON]; (EG 88, 817)[Boston Twp. Timiskaming Dist., ON]; (EG 81, 1147)[Donaldson West deposit, Ungava, Nunavik, QC]; (CM 40, 651)[Wellgreen deposit, YU]; (CM 28, 489)[Geordie Lake, ON]; (CM 42, 485)[Katiniq deposit, QC]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (Wilson & Harper 2013)[Seagull complex, ON]
Meridianiite	(AM 92, 1756-1759) [TL: Venables Valley, n. Ashcroft, BC]
Merillite	(CM 21, 29)[Peace River meteorite, SK]; (castaing.eps.mcgill.ca) [St-Robert meteorite]
Mertieite I	(CM 30, 109)[Boston Creek Flow, ON]; (Wilson & Harper 2013)[Seagull complex, ON]
Mertieite II	(CM 30, 121)[Coldwell complex, ON]; (CM 40, 651)[Wellgreen deposit, YU]; (CM 29, 411)[Fish Hook Bay, Lake Athabasca, SK]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Merwinite	(CM 28, 537)[Bay of Islands, NL]; (CM 48, 1519)[West Clearwater Lake impact crater, QC]
Mesolite	(T83)[BC: 2; NS: 14; ON: 1; QC: 1 localities]; (MR 37, 286)[QC: 23 localities]; (Möller2016)[Thor lake, NT]
Messelite	(MR 23, 4)[Rapid Creek, YU]
Meta-aluminite	(MR 23, 37) [Rapid Creek, YU]; (SG 27, 147)[Waldsea Lake, SK]
Meta-autunite	(MINDAT)[Golding-Keene quarry, Madawaska m., both ON]; (Sabina 2015, PG 97) [Millet Brook occurrence, NS]
Metacinnabarite	(GSCAR 1890-91, V, 668)[Read Island, Nanaimo Distr., BC]
Metanováčekite	(CM 13, 198)[Zimmer Lake, SK]

Metaschoepite	(R. Mielke; Mindat)[Richardson m., ON]
Metasideronatrite	(CMN collections: CMNMC 42991)[Sidney Coal Fields, Sidney, Cape Breton Island, NS]
Metastibnite	(MR 27, 121)[Lac Nicolet Antimony m., QC]
Metaswitzerite	(MR 23, 4-47)[Rapid Creek, YU]
Metatorbernite	(CM 24, 665)[Evans Lou, QC]; (Dana7)[Wilberforce, ON]; (MINDAT; NS database)[New Ross, NS]; (T83)[Nithi Mountain, Nithi River, BC] : (RRUFF database)[Governors Lake Pegmatite, Halifax, NS]
Metatyuyamunite	(CM 24, 665) [Evans Lou, QC]
Metauranocircite-I	(NSDMR 77-1)[McLean Point, NS]
Metavauxite	(Midat/P. Kartashov ID)[Big Fish River, YU]
Metavivianite	(MR 23, 4)[Rapid Creek, YU]
Metavoltine	(CM 9, 718)[Magnet Cove mine, Walton, NS]; (CMN collections: CMNMC 47382)[Sidney Coal Fields, Sidney, NS]
Metazeunerite	(AM 35, 412)[Lake Athabaska, SK]; (GSC eg 2, 234)[Lytton, BC]; (T83)[Atlin area, BC]
Miargyrite	(CM 16, 625)[Tanco m. Bernic Lake, MN]; (MD 42, 627)[Montauban deposit, QC]; (MR 31, 219)[STV, BC]; (CM 54, 1307)[Lemarchant deposit, NL]
Miassite	(GSA NE 2001 program/abstracts) [Thetford Mines, QC] (CM 48, 589 YU)
Micheelsenite	(NJbM 2001, 337-351) [TL1 : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Michenerite	(CM 6, 200-209; CM 11, 903-912) [TL1 : Frood mine, McKim Township & TL2 : Vermilion mine, Denison Township, Sudbury, ON]; (CM 28, 409)[Blue Lake, QC]; (CM 28, 489)[Geordie Lake, ON]; (CM 49, 1505)[Voisey's Bay deposit, NL]; (CM 49, 1627)[Creighton & Coleman mines, Sudbury, ON]; (CM 45, 775)[Mechanic Settlement, NB]; (MUK87)[ACC, BC]; (CM 42, 485)[Katiniq deposit, QC]; (CM 53, 845)[Marathon deposit, QC]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON] (LeFort12)[Garson m., Sudbury, ON]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Microcline	(T83 <i>K-feldspar</i>)[41 localities]; (MR 21, 284) [MSH, QC]; (GEC86)[Oka; St-André, QC]; (MR 25, 339)[ORF, QC]; (R&M 88, 420)[Girardville, QC]
<i>Microlite</i>	(discredited CM 48, 673; see fluorcalciomicrolite; new species 2012); [Microlite Group is part of the Pyrochlore Supergroup]
Milarite	(CM 25, 763; CM 34, 349) [Mont St-Hilaire, QC; Strange Lake, NL & QC]
Millerite	(T83)[Marbridge m., QC]; (CGSP 66-51, 66)[Eastern Metals m., QC]; (CM 28, 489)[Geordie Lake, ON]; (CM 28, 537)[Bay of Islands, NL]; (CM 13, 198)[Zimmer Lake, SK]; (MR 25, 339)[ORF, QC]; (MR 21, 284) [MSH, QC]; (CM 27, 311)[Strathcona m., Sudbury, ON] : (GSCP 71-27, 74)[Thompson m., MN]; (CM 17, 351)[Dundonald deposit, ON]; [NJ Zinc claim, Mont Albert, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]

Mimetite	(T83)[Keno Hill & Dublin Gulch, YU]; (T83)[Keeley-Frontier m., ON]; (RM 85, 494)[SPB, QC]; (MR 21, 284)[MSH, QC]
Minasgeraisite-(Y)	(Brousseau-Liard thesis 2012)[Strange Lake complex, NL & QC]
Minium	(GSCMR 50, 80)[Galena Hill & Keno Hill mines, YU]
Minnesotaite	(CM 24, 479) [Bluebell mine, Riondel, BC; Knob Lake (Schefferville), QC]; (T83)[Albanel, QC]
Minrecordite	(Bamburak07)[Drillhole M-50-00, Wellburns Creek, MN]; (Shang 2000)[N. Ingebright Lake, SK]
Mirabilite	(T83)[Fort St. John, BC; Windsor & Avondale, NS]; (Liu1993)[Oka, QC]; (Shang 2000)[N. Ingebright Lake, SK]
Miserite	(CM 11, 569) [Kipawa, QC]; (MR 21, 323)[Mont St-Hilaire, QC]
Mitridatite	(Mindat/Jordi Fabre ID)[Rapid Creek, YU]
Mixite	(Mindat)[Jordan Mountain Copper m., NS]
Morimotoite	(PD 29, 325)[Ice River, BC]
Mogánite	(Mindat; Grand Magnan museum)[Grand Magnan Island, NB]
Mohrite	(Mnews 37(2003), 5, 5) [Mont St-Hilaire, QC]
Moissanite	(MR 44, 375)[Jeffrey mine, Asbestos, QC]
Molybdenite	(T83)[~70 localities]; (MR 21, 284)[MSH, QC]; (RM 85, 494)[SPB, QC]; (MR 10, 69)[JAM, QC]; (CM 19, 349)[Castlegar, BC]; (CM 25, 185)[Otish Mountain U deposit, QC]; (CM 7, 524-526) [TL Molybdenite-3R polytype only: Yellowknife, NT]
Molybdtite	(<i>ferromolybdtite</i> ? Renfrew Co. ON - GSC P 70-50); (MUK87)[ACC, BC]
Molybdomenite	(CM 8, 149)[Ranwick m., Sault Ste-Marie, ON]; (GAC/MAC2015; abstract MD44A-0229)[Sagar prop., Labrador Through, QC]
Monazite-(Ce)	(T83 <i>monazite</i> nearly all are monazite-(Ce))[~40 localities]; [Mindat ~60 localities]; (MR 21, 284) [MSH, QC]; (MR 29, 107)[STA, QC]; (CM 50, 1839)[Red Cross Lake, MN]; (RM 85, 494)[SPB, QC]; (CM 41, 117) [Stargazer Claim, NT]; (Dalsin13)[Wicheeda carbonatite, BC]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (OGSOFR5420, 24)[Martison carbonatite, ON]; (OGR 67, 314)[Montviel complex, QC]; (CM 52, 129)[Mount Begbie, BC]; (CM 52, 857)[Shatford Lake, MN]; (OGR 64, 642)[Aley carbonatite, BC]; (CM 40, 753)[Separation Lake, ON]
Monazite-(La)	(CM 49, 749)[Kirkland Lake, ON]; (OGR 67, 314)[Montviel complex, QC]
Monazite-(Nd)	(OGR 86(2017), 784.)[Eldor carbonatite, QC]
Monazite-(Sm)	(CM 40, 1649-1655) [TL : Annie claim #3 pegmatite, Greer Lake, MN]
Moncheite	(CM 27, 311)[Strathcona m., Sudbury, ON]; (CM 49, 1627)[Creighton & Coleman mines, Sudbury, ON]; (CM 42, 485)[Katiniq deposit, QC]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Monohydrocalcite	(CM 43, 1459) [Penobsquis, NB]; (JPAL 50, 505)[Manito Lake, SK]
Montbrayite	(AM 31, 515-526) [TL : Robb-Montbray m., Rouyn-Noranda TE, Abitibi-Témiscamingue, QC]
Montebrasite	(CM 38, 893)[TAP, MN]; (CM 11, 978)[Odd West pegmatite, MN]; (CM 44, 563)[Brazil Lake, NS]; (CM 47, 337)[Mobilan pegmatite, QC]; (CM 41, 117)[O'Grady Batholith, NT]; (CM 30, 895)[Pleasant Ridge, NB];

	(CM 19, 177)[Winnipeg River District, MN]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 50, 1775)[Silverleaf pegm., MN]; [Little Nahani pegmatite field, NT]
Monteregianite-(Y)	(CM 16, 561-565) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Monticellite	(T83)[Oka, QC]; (AM 63, 47)[Elwin Bay, NT]; (GSCP 72-32, 59)[Copper Butte, BC]; (GSCP 77-1A, 337)[Near Bancroft, ON];
Montmorillonite	(T83)[Blue Mills, NS]; (AM 38, 707)[Quilchena, BC]; (MR 21, 284) [MSH, QC]
Montroyalite	(CM 24, 455-459) [TL: Francon q., Montréal, QC]
Moorehousite	(CM 8, 166-171) [TL: Magnet Cove mine, Walton, NS]
Mordenite	(JCS 17(1864), 100-104) [TL: Morden NS], (CM SP 14)[MSH, QC], (author's data)[STA, QC]; (MR 37, 40)[Francon q., Montreal, QC]; (T83) [NS(6), QC(3) localities]
Morenosite	(T83)[Wallace m.; Alexo m.; Dennison & Drury Twp, all ON]; (OGSMP 70, 256)[Creighton & Murray mines, ON]; (MR 7, 174)[Marbridge m., QC]
Morimotoite	(PD 29, 325)[Ice River, BC]
Morinite	(T.S. Ercit, pegmatite database)[Reeves Pit, New Ross, NS]
Mosandrite-(Ce)	(CM 12, 241)[Kipawa, QC] (mosandrite or possible rinkite); (CM SP 14) [MSH, QC]
Moschellandsbergite	(CMN collections: CMNMC 55636)[Vital Creek Placer, Cassiar Dist., BC]; (CM 28, 189)[Trout Lake deposit, MN]
Mottramite	(CM 25, 185)[Otish Mountain, QC];
Moydite-(Y)	(CM 24, 665) [TL: Evans-Lou Mine, Val-des-Monts, Les Collines-de-l'Outaouais RCM, Outaouais, QC]
Mpororoite	(CM 32, 567)[Flo property, Mayo, YU]
Muirite	(MR 17, 340)[Gun claim, McMillan Pass, YU]
Murakataite	(Mindat/G. Farber)[Eagle claim, Beaverlodge Lake, SK]
Murmanite	(GSCB (1981), 294) [Seal Lake, Red Wine complex, NL]
Murunskite	(MUK87)[ACC, BC]
Muscovite	(T83)[~60 localities]; (MR 21, 284) [MSH, QC]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 50, 1775)[Silverleaf pegm., MN]; (MR 10, 69)[JAM, QC]; (OGR 67, 314)[Montviel complex, QC]
Muskoxite	(AM 54, 684-696) [TL: Muskox complex, Kitikmeot Region, NU]
Muthmannite	(CM 25, 659)[Goldlund mine, ON]
Nacareniobsite-(Ce)	(CM SP 14)[MSH, QC]
Nacrite	(CMN collections: CMNMC 45451 to 45453)[St-Eustache, QC]; (author's data)[St-Justine-de-Newton, QC]
Nagyágite	(UTGS 40, 97) [Gainer Creek, BC; Moss Twp., ON]; (HBM 1. 344)[Olive Mabel claim, Gainer Creek, BC]; (EG 36, 45; AM 38, 506)[Negus & Con mines, Yellowknife, NT]
Nahcolite	(Sabina 1979; MR 37, 5)[Francon quarry, Montréal, QC]; (Liu1993)[Oka, QC]; (CJSS 73, 399)[1 unnamed evaporite locality in Alberta]
Nahpoite	(CM 19, 373-376) [TL: Area C-16, Big Fish River, YU]; (MR 21, 284) [MSH, QC];

Naldretteite	(MM 69, 89-98) [TL: Mesamax Northwest deposit, Ungava, Nunavik, Nord-du-Québec, QC]; (MINDAT)[Vermilion m., ON?]; (CM 53, 845)[Marathon deposit, QC]
Nalipoite	(CM 29, 565-573) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Namibite	(CM 24, 665)(MR 29, 164)[Evans Lou m., Val des Monts, QC]
Nanpingite	(CM 41, 117)[Stargazer claim, O'Grady Lake area, NT]; (CM 40, 753)[Separation Lake, ON]
Narsarsukite	(CM 9, 286; MR 21, 324)[Mont St-Hilaire, QC]; (CM 34, 349)[Strange Lake, QC-NL]
Natalyite	(CMP 150, 212) [Deadhorse Creek, ON]
Natanite	(MR 18, 362)[Mont Pleasant, NB]
Natrite	(MR 21, 284)[MSH, QC]
Natroalunite	(GSCP 74-8, 57)[Kashuti Inlet, BC]; (GSCMR 58, 160)[Hope Brooke m., NL]
Natrojarosite	(MR 37, 257)[FQM, QC]; (MR 23, 4)[Rapid Creek & Big Fish River, YU]
Natrolemyonite	(CM 39, 1295-1306) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Natrolite	(T83 BC, NS, ON, QC - ~40 localities); (MR 21, 283)[MSH, QC]; (MR 29, 83)[STA, QC]; (MR 37, 5)[FQM, QC]; (MR 37, 286)[Wentworth, QC]
Natron	(UTGS 24, 20)[Clinton, BC]; (MR 21, 325) [Mont St-Hilaire, QC]
Natrophosphate	(MR 21, 284) [Mont St-Hilaire, QC]
Natrosilite	(RM 70(1995), 90) [Mont St-Hilaire, QC]
Naumannite	(CM 22, 229)[Kidd Creek m., Timmins, ON]; (CM 28, 189)[Trout Lake deposit, MN]; (CM 30, 109)[Boston Creek Flow, ON]; (GSCOF1787) [Norman & Barnet properties, Sudbury, ON]
Neighborite	(MR 18, 364; MR 21, 325)[Mont St-Hilaire, QC]; (H&H2017)[Saint-Amable, QC]; (NComm 4, 3687)[Oka, QC]
Nenadkevichite	(CM 10, 143; MR 21, 326)[MSH, QC]; (MR 29, 105) [STA, QC]
Neotocite	(MR 21, 284)[Mont St-Hilaire, QC]
Nepheline	(T83)[~25 localities]; (MR 21, 284)[MSH, QC]; (MR 29, 83)[STA, QC];
Nepouite[?]	(CM 49, 1523)[MAA, NL]
Neptunite	(CM 7, 650) [Seal Lake, NL]; (RMI 2000(3) 140)[Mont St-Hilaire, QC]
Nesquehonite	(MR 23, 4) [Rapid Creek, YU]; (AM 91, 1331)[Clinton Creek, YU]
Nevskite	(CM 25, 625)[Otish Mountain, QC]
Newberyite	(T83)[Quartz Creek, YU]
Neyite	(CM 10, 90-96) [TL: Lime Creek deposit, Kitsault, BC]
Nichromite	[species of doubtful validity](P. Tarassoff p.c. 2011)[Thetford Mines, QC]
Nickel	(HBM I, 349) [Tulameen River area, BC]
Nickelbischofite	(CM 17, 107-109) [TL: Dumont intrusion, Launay, Abitibi RCM, Abitibi-Témiscamingue,, QC]
Nickelhexahydrate	(CMN collections: CMNMC 30359)[Vermilion m., ON]
Nickeline	(T83 aka. <i>nicolite</i>)[~27 localities]; (MR 10, 69)[JMA, QC]; (author' data)[MSH, QC]; (Girard71)[Madeleine Cu-mine, QC]; [NJ Zinc claim, Mont Albert, QC]

Nickelskutterudite	(T83 former <i>chloanthite</i> ; was <i>nickel-skutterudite</i> - Burke 2008)
Niksergievite[?]	(Dalsin13)[Wicheeda carbonatite, BC]
Nigerite	(CM 36, 367)[Campfire Lake, ON]; (CM 36, 609) [Separation Rapids, ON]
Niggliite	(CM 27, 311)[Strathcona m., Sudbury, ON]; (CM 49, 1627)[Coleman mine, Sudbury, ON]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Ningyoite	(CM 19, 325)[Tyee & Blizzard U deposits in South-central, BC]
Ningerite	(GCA 21, 127-144) [TL : Abee meteorite, Abee, AL]
Nioboaschynite-(Ce)	(AC-F 68, 64)[Upper fir carbonatite, BC];
Nioboaschynite-(Y)	(CM 46, 395-402) [TL : Bear Lake diggings, Monmouth Township, Haliburton Co., ON]; (RRUFF data)[Upper Fir carbonatite, BC]; (Mindat) [Quadeville, ON]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]; (GAC/MAC 2018 Abstracts 2017)[Eldor carbonatite, QC]; (Pe-Piper <i>et al.</i> 2015)[West Moose River Pluton, NS]; (Mindat)[Ice River, BC]
Niobokupletskite	(CM 38, 627-639) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Niobophyllite	(CM 8, 40-52) [TL : Seal Lake complex, Labrador, NL]; (Kerr2010)[Two Tom Lake, Seal Lake, NL]
Niocalite	(AM 41, 785-786; CM 6, 264-272) [TL : Oka complex, Deux Montagnes RCM, Laurentides, QC]
Nisbite	(CM 10, 232-246) (CM 10, 232-246) [TL : Trout Bay, Red Lake, Mulcahu Twp., Kenora Distict, ON]
Nisnite	(CM 49, 651-656)[TL : Jeffrey mine, Asbestos, Les Souces RCM, Estrie, QC]
Niter	(T83)[Big Bar Creek & Nazko River, BC]; (Shang 2000)[N. Ingebright Lake, SK]
Nitratine	(Shang 2000)[N. Ingebright Lake, SK]
Nitrobarite	(Shang 2000)[N. Ingebright Lake, SK]
Niveolanite	(CM 46, 1343-1354) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Nixonite	(MM 31, 399 IMA report)[TL : Darby kimberlite field, NU]
Nolanite	(AM 42, 619-628) [TL1 : Eldorado Mining & Refining m., Fishhook Bay, Shirley Peninsula, Lake Athabasca, SK; TL : Nicholson No.2 m., Lake Athabasca, SK; TL : Ace m., Lake Athabasca, SK]
Nolzeite	(MM 79, 247, NL#24; IMA 2014-086)[TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Nontronite	(RM 70(1995), 90)[MSH, QC]
Norbergite	(T83)[Wilberforce and Cardiff, ON]
Nordenskiöldine	(CMN collections: CMNMC 55567 to 55569)[Screw Claims, Smart River tributary, Cassiar Mts., YU]; (YEG 2015)[Mindy prospect, YU]
Nordite-(Ce)	(RM 70(1995), 90; RMI 2000(3), 140) [Mont St-Hilaire, QC]

Nordstrandite	(GSCP 77-1A, 327)[Bancroft, ON]; (MR 10, 99; MR 21, 327)[MSH, QC]; (MM 50, 180)[Muskiki Lake, SK]; (Mnews 44(4), 23)[STA, QC]; (author's data)[Corporation quarry, Montreal, QC]
Normandite	(CM 35, 1035-1039) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Norsethite	(CM 24, 55)[Kechika & Gataga Rivers area, BC]; (CM 28, 241)[Chipman Lake, ON]
Northupite	(SG 27, 147)[Waldsea Lake, SK]
Nosean	(NJbM 1892, 222-224; CJR 2, 231-248) [Mont Royal, Montreal, QC]
Nuffieldite	(CM 9, 439-452) [TL : Lime Creek deposit, Kitsault, BC]; (CM 22, 493)[Izok Lake, NU]
Nyerereite	(NComm 4, 3687)[Oka, QC]
Oberthürite	IMA No. 2017-072 (MM 81, 1571-1581) [Marathon deposit, Coldwell Complex, Ontario, Canada (48°48'7"N, 86°18'35"W)]
Offrétite	(AM 61, 853)[Douglas Lake, BC]; (ZoW)[Blakeburn & Twigg Creek, both BC]
Okenite	(UTGS 14, 65)[Morden, NS]; (MR 10, 69)[Asbestos, QC]
Oldhamite	(G&C 46, 2083)[Abee meteorite, Abee, AB]
Olekminskite	(CMN collections: CMNMC 83295)[Ice River Complex, Yoho national park, Kootenay Dist., BC]
Olsacherite	(Liferovich & Mitchell pers. comm. 2005)[Coldwell complex, Marathon, ON]
Omphacite	(GSC database)[Red Wine complex, NL]; (O. Langelier, MINDAT)[Cabonga reservoir, QC]; (Mindat/F. Mazdab)[Kipawa complex, QC]
Oneillite	(CM 37, 1295-1301)[TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC, QC]; (EG 107, 81: Thor Lake, NT – doubtful?)
Oosterboschite	(Normand 2016)[Nicholson #2 m., Beaverlodge Lake area, SK]
Opal	(T83)[~16 localities]; (RMI 24(3), 198; Lapis 25(7/8), 47)[Mont St-Hilaire, QC]; (MR 29, 107)[St-Amable sill, QC]
Orcelite	(Dana97, 40; HBM I, 363)[Cobalt, ON]; (CM 22, 553)[Table Mountain, NL]
Ordoñezite	(conf. S. Ercit; MinNews 16(2000),#7,1)[Madoc, ON]
Oregonite	(HBM I, 364) [Timmins, ON]
Orpiment	(T83)[Mount Washington, BC]; (Harris89)[Hemlo, ON]
Orschallite	(R. Mielke, 2015)[Nipissing 404 m., Cobalt area, QC]
Orthoclase	(R&M 72(1996), 189)[MSH, QC]; (OGR 67, 314)[Montviel complex, QC]
Orthojaquinite-(Ce)	(RMI 24(3), 140)[Mont St-Hilaire, QC]
Osarsite	(Wilson & Harper 2013)[Seagull complex, ON]
Osbornite	(Mindat)[Abee meteorite, AB]
Osmium [<i>& iridosmine</i>]	(CM 43, 1687)[Dease Lake, O'Donnel River, BC]; (CM 28, 503)[Tulameen R., BC]; (CM 49, 1523)[MAA, NL]; (CM 46, 343)[Florence Creek, YU]
Osumilite-(Mg)	(AM 61, 29) [Ikkinikulluit Brook, NL]; (JP 32(1), 29)[SHB, NL]
Ottrelite	(CGSMR 77, 66 & 92)[Normetal & Horne mines, QC]

Overite	(CEV98)[Tanco m., Bernic Lake, MN]
Owensite	(CM 33, 665-670) [TL: Wellgreen deposit, Kluane District, YU]
Owyheeite	(AM 38, 547)[Gopher Creek, BC]; (AM 35, 453)[Drinkwater Creek, BC](T83)[Howson Creek, & Butte Lake, BC](CM 9, 371)[Tintina m., YU]; (MR 31, 219)[Silver Tunnel, Brandywine, BC]
Oxycalcioibetafite	(not a valid species; possible new species; J. Fourestier 2013 p.c.)[Autoroute 5 roadcut, Chelsea, QC]
Oxycalciopyrochlore	(GAC/MAC 2018 Abstracts 2017)[Eldor carbonatite, QC]
Oxy-dravite	(CM 54, 661)[McArthur River U. deposit, Athabasca Basin, SK]
Oxylumboroméite	(former <i>bindheimite</i>) (CM 9, 191) [Taylor pit, Madoc, ON]; (R. Mielke 1977 thesis)[Rogers mine, Madoc, ON]; (GSCMR 50, 80)[Keno Hill & Galena Hill, YU]
Oxy-schorl	(CM 54, 661)[McArthur River U. deposit, Athabasca Basin, SK]
Oxystibiomicrolite	[former stibiomicrolite] (CM 40, 753)[Separation Lake, ON]
Oxyuranobetafite	(not a valid species; possible new species CM 49, 1199)[Huron claim pegmatite, Bird River belt, MN]
<i>Oxyttropyrochlore</i>	[potential new species?] (MM 77, 3)[Separation Lake, ON]
Pääkkönenite	(Harris 1989) [Hemlo deposit, ON]
Padmaite	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Palarstanide	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]; (OGR 90 (2017), 723, xx)[Marathon deposit, ON]
Palladinite	[doubtful species](OGR 90, 748)[Coldwell complex, ON]
Palladium	(MINDAT)[Willow Grouse m., BC; Temagami Island, ON; Vermilion m., Sudbury, ON]; (CM 53, 845)[Marathon deposit, QC]
Palladoarsenide	(CM 22, 125)[Lac-des-Iles complex, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (CM 53, 845)[Marathon deposit, ON]; (Wilson & Harper 2013)[Seagull complex, ON]
Palladobismutharsenide	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]
Palladodymite	(OGR 90 (2017), 723, xx)[Marathon deposit, ON]
Palladogermanide	(MM 81-209 NL#35; IMA 2016-086)[Marathon deposit, Coldwell complex, ON]
Palygorskite	(CM 31, 173)[Eye-Dashwa Lake pluton ON]; (MW 20, 64)[Jeffrey m., QC]; (MINDAT)[Brico, Field & Radium Hot Springs, all 3 in BC]
Paolovite	(CM 31, 31)[Strathcona mine, ON]; (CM 28, 489)[Coldwell complex, Marathon, ON]; (CM 49, 1627)[Coleman mine, Sudbury, ON]; (CM 45, 775)[Mechanic Settlement, NB]; (LeFort12)[Garson m., Sudbury, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (CM 53, 845)[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Parabutlerite	(Mindat 2018 -TBC)[Tilted Cove, NL]
Paracoquimbite	(Mnews 41(3), 6) [Mont St-Hilaire, QC]
Paracostibite	(CM 10, 232-246) [TL: Trout Bay, Red Lake area, Mulcahy Township, Kenora District, ON]

Paradocrasite	(V. King – G. Färber p.c.)[Engineer m., Tagish Lake, BC]
Paragonite	(T83)[Bachelor Lake & Branssat-Daine area, both Abitibi district, QC]; (GSCMR 58, 160)[Hope Brooke m., NL]
Parahopeite	(MR 2, 208)[Oxide claim, Ymer, BC]; (CMN specimen)[Hudson Bay Mine , Salmo, BC]
Parakeldyshite	(MR 21, 327) [Mont St-Hilaire, QC]
Paranatroilite	(CM 18, 85-88) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Parapierrrotite	(Harris 1989) [Golden Giant m., Hemlo deposit, ON]
Pararammelsbergite	(UTGS 12, 27-31; AM 24, 561-577) [TL1: Moose Horn m. James Twp., TL2: Hudson Bay m., Coleman Twp., TL3: Keeley m., South Lorrain Twp., all Timiskaming Dist., ON]; (Girard71)[Madeleine Cumine, QC]
Pararealgar	(CM 18, 525-527) [TL1: Mount Washington copper deposit, Comox Dist., Vancouver Island, BC; TL2 : Gray Rock deposits, Truax Creek, Lillooet Dist., BC]
Paratacamite	(GSCP 64-10, 51)[Knoydart Point, NS]; (GSCP 73-13, 42)[Nova Scotia m., Cobalt, ON]; (GSCP 65-10, 61)[Malpeque Bay, PE]; (GSCP 75-1A, 261)[Amos, QC]; (MR 44, 375s)[Jeffrey m., QC]
Paraumbite	(MR 18, 364; MR 21, 327) [Mont St-Hilaire, QC]
Pargasite	(CM 39, 1725)[Soper River, Baffin Island, NU]
Parisite-(Ce)	(CM 7, 819)[Marathon, ON] (MR 21, 328) [Mont St-Hilaire, QC]; (Dalsin13)[Wicheeda carbonatite, BC]; (Möller2016)[Thor lake, NT]; (RMS abstract with program 2018)[Yate mine, QC]; (CM 52, 943)[Cobequid Highands, NS]
Parisite-(Nd)	(OGS Open file 6290)[Brudenell area, ON]
Parkerite (redefined)	(AM 28, 343-355) [NTL: Frood mine, McKim Twp., Sudbury Dist., ON]; (CM 27, 311)[Strathcona m., ON]; (AM 36, 505)[Great Slave Lake, NT]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Parsonsite	(T83)[Ranwick m., Peever Twp., ON]
Pauflerite	(OGR 67, 314)[Montviel complex, QC]
Paulingite ser.	(unspecified paulingite; Paulingite-Ca, -K); (Mindat)[Twigg Creek, BC]
Paulingite-K	(MR 21, 485) [Falkland, BC]; (ZoW)[Chase Creek, Monte Lake, both BC]
Pavonite	(CM 11, 196)[Keeley m., ON]
Pearceite	(EG 34, 761)[Contact Lake, NT]; (CM 11, 208)[Morrison m., ON]; (EG 70, 80)[Kidd Creek m., ON]; (T83)[Silver Miller m., Ross m., ON; Golden Manitou m., QC]
Peatite-(Y)	(CM 51, 569-596) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Pecoraite	(MR 25, 342)[ORF, QC]
Pectolite	(AM 39, 531)[Bay of Islands, NL]; (GSCP 75-36, 130)[Winter House Brook, NL]; (GSCAR IV, 51T)[McKellar Point, Thunder Bay area, ON]; (GSC MP70, 274)[Silver Harbour, ON]; (UTSG 22, 17)[Lake Nipigon area, ON]; (GSC MP70, 254)[George Creek, ON]; (MR 10, 69)[JMA, QC]; (GSCM 74, 173)[King m., Thetford Mines, QC];(CM 9, 109)[MSH,

	QC], (author's data)[LBL, QC]; (MR 10, 69)[JMA, QC]; (Möller2016)[Thor lake, NT]
Pekoite	(CM 14, 194) [Tanco pegmatite, Bernic Lake, MN]
Pellyite	(CM 11, 444-447) [TL : Gun claim, Wilson Lake (Pelly & Ross Rivers headwaters), Itsy Mountain, YU]
Penikisite	(CM 15, 393-395) [TL : Rapid Creek, YU]; (MR 23, 400)[Big Fish River, YU]; (M. Mauthner p.c. 2012)[Hess River, YU]
Penkvilksite	(MR 21, 284) [Mont St-Hilaire, QC]
Penobsquisite	(CM 34, 657-665) [TL : Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
Penroseite	(CMMB 59, No. 654, 1209)[Walton barite mine, NS]; (GAC/MAC2015; abstract MD44A-0229)[Sagar prop., Labrador Through, QC]
Pentahydrate	(JPAL 4, 219)[Ceylon Lake, SK]
Pentlandite	(T83)[~80 localities]; (CM 28, 489)[Geordie Lake, ON]; (RM 85, 494)[SPB, QC]; (MR 25, 339)[ORF, QC]; (CM 27, 311)[Strathcona m., Sudbury, ON]; (CM 42, 485)[Katiniq deposit, QC]; (CM 17, 351)[Dundonald deposit, ON]; (GSCOF 2015)[Sterrett m., QC]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (CM 53, 845)[Marathon deposit, QC]; (CM 54, 65)[Lafarge q., Montréal, QC]
Periclase	(GAC/MAC Annual Mtg. Guidebook 1969: Gold & Marchand)[Oka, QC]; (CM 48, 1519)[West Clearwater Lake impact crater, QC]
Perloffite	(CM 48, 1455)[Cross Lake, MN]
Perovskite	(T83)[BC: 1, QC: 5, YU: 3 localities]; (EG 99, 1177)[KQY, QC]
Perraultite	(CM 29, 355-358) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Perrierite-(Ce)	(GSC P 78-1A, 254)[Desmont m., Wilberforce, ON; Golden Lake, ON]; (GSA 2010 Mtg. Abstract 132-3)[Hoidas Lake, SK]
Petalite	(CM 11, 663)[Tanco m., MN]; (T83)[Montgary, Coe & Peg claims, Bernic Lake, MN; Toronto, ON]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 50, 1775)[Silverleaf pegm., MN]; (CM 52, 129)[Mount Begbie, BC]; (CM 40, 753)[Separation Lake, ON]
Petarasite	(CM 18, 497-502) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Petedunnite	(Mindat 2018 03 10)[Nain area, Labrador, NL]
Petersenite-(Ce)	(CM 32, 405-414) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Petrukite	(CM 27, 673-688) [TL1 : Herb claim, BC; TL2 : Mount Pleasant mine, NB]
Petzite	(T83)[BC: 5, MN: 1, NB: 1, ON: 16, QC: 9, YU: 1 localities]; (CM 25, 659)[Goldlund m., ON]; (Harris89)[Hemlo deposit, ON];]; (Roberts 2017)[Deer Horn deposit, BC]
Pharmacolite	(CMN collections: CMNMC 34755, 55655)[Criss Creek, Savona, Kamloops, BC]; (MR 27, 433)[Sylvana m., BC]; (AM42, 919)[Port Radium, NT]; (Percival2007)[Cobalt area tailings, ON]
Pharmacosiderite	(T83)[Keno Hill, YU]; (CM 47, 533)[Montague Dist., NS]

Phenakite	(T83)[Preissac Twp., QC]; (CMP 150, 212)[Deadhorse Creek complex, ON]; (GSCB 237)[Coldwell complex, ON]; (EG 90, 489)[Thor Lake, NT]; (GSCP 81-23)[Blanchford Lake, NT]; (R&M 82, 232)[Dungannon Twp., ON]; (MINDAT)[Mt. Foster, Bennet, BC]; (R. Van Donnelen)[East Kemptville, NS]
Phillipsite ser. Phillipsite-Ca	(unclassified phillipsite)(T83)[Marinol Lake, BC; Miron q., Montreal, QC] (MR 29, 83 [= VUK6], Pekov <i>et al.</i> 2004 p.33) [St-Amable sill, QC]; (MUK87)[ACC, BC]
Phillipsite-K Phillipsite-Na Phlogopite	(RMI 24(3), 140)[Mont St-Hilaire, QC] (RMI 24(3), 140)[Mont St-Hilaire, QC] (T83)[30 + localities]; (MR 21, 284)[MSH, QC]; (OGR 67, 314)[Montviel complex, QC]
Phosinaite-(Ce) Phosphophyllite Phosphosiderite Phosphuranylite Phurcalite Pickeringite	(CM 34, 107) [Mont St-Hilaire, QC] (CM 26, 917; CM 36, 283)[East Kemptville Tin mine, NS] (MR 23, 4)[Big Fish River & Rapid Creek, YU] (T83)[Stony Rapids, Middle Lake, SK] (CM 52, 129)[Mount Begbie, BC (?)] (T83)[Newport, Hants Co. NS]; (AM 17, 401)[Twp. 77, Range 24, AB]; (CM 16, 17)[No.26 Colliery, NS];
Picropharmacolite	(CMN collections: CMNMC 34756)[Criss Creek, Savona, Kamloops, BC]; (R. Mielke, 2015)[Nipissing 404 m., Cobalt area, ON]
Pieczkaite Piemontite	(MM 78, 549-558)[Unnamed island in Cross Lake, MN] (CMN coll. CMNOC 213 to 215)[Ice River, BC]; (GSC MR 57, 96)[Rémigny, QC]
Pigeonite	(T83)[Holland Twp.; Taibi Lake; Baptist Lake, QC]; (AM 29, 302)[Lochalsh Twp., ON];
Pilsenite	(Dana97, 58) [Sudbury, ON]; White Elephant m., Vernon, BC [MINDAT]; Grey River deposit, NL [EG 80, 1297]; (CM 28, 189)[Trout Lake deposit, MN]
Pinakiolite Pintadoite Pirssonite Plagionite	(NS Dept. Mines database)[Cain & Riddle mine, NS] (GSC Bulletin 287)[Coldwell complex, Marathon, ON] (RM 70(1995), 90)[Mont St-Hilaire, QC] (MR 1991, 265; GSC P 66-51, 46; HBM I,) [Lake George, NB; Brunswick No.6 m., NB; Carleton Hill, YU]
Platarsite Platinum	(CM 43, 1687)[Dease Lake, O'Donnel River, BC] (T83)[32 + localities in AB, BC, ON, QC, YU]; (CM 43, 1687)[Dease Lake, O'Donnel River, Lockie Creek & Quesnel BC]; (CM 53, 845)[Marathon deposit, QC]
Playfairite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Plumboferrite Plumbogummite Plumbojarosite	(JGE 172, 151)[Mount Pleasant deposit, NB] (JGE 172, 151)[Mount Pleasant deposit, NB] (T83)[Brunswick No.6 m., NB]; (GSCB 111, 155)[Keno Hill & Galena Hill, YU]
<i>Plumbomicrolite</i>	(discredited = microlite grp. or kenoplumbomicrolite? CM 48, 673)

Plumbopalladinite	(CM 45, 775)[Mechanic Settlement, NB]; (CM 53, 845)[Marathon deposit, QC]
<i>Plumbopyrochlore</i>	(discredited CM 48, 673)
Poitevinite	(CM 8, 109-110; CM 32, 873-884) [TL: Bonaparte River, Lillooet District, BC]
Polarite	(CM 28, 409)[Blue Lake, QC]; (GSCOF1787)[Copper Cliff North m., Sudbury, ON]; (Wilson & Harper 2013)[Seagull complex, ON]
Polkanovite	(GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]
Pollucite	(GSCP 61-4)[Bernic Lake, MN; Valor property, QC]; (GSCEGR 23, 79)[Case Batholith, ON]; (CM 8, 377)[Gullwing Lake, ON]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 41, 117) [Stargazer Claim, NT]; (CM 40, 753)[Separation Lake, ON]
Polybasite	(T83)[BC: 5, ON: 7, QC: 1, YU: 1]; (MR 27, 433)[Silvana m., BC]; (CM 22, 493)[Izok Lake, NU]; (CM 54, 1307)[Lemarchant deposit, NL]
Polycrase-(Y)	(CM 32, 133)[Mattagami Lake, QC]; (EG 107, 81)[Thor Lake, NT]; (GSCMR 77)[La Corne, QC]; (CM 8, 1)[Bicroft m., Cardiff Twp., ON]
Polydymite	(GSCM 187, 36)[Eldorado m., Labine Point, NT]; (ODMGR 110, 21) [Shebandowan Lake, both ON]; (CM 22, 561)[Glacier Creek & Lapie River, St. Cyr Range, YT]; (EG 88, 123)[Eastern Metals m., QC]; (GSCEGR 16, 53)[Echo Bay m., Port Radium, NT]; (CM 12, 26)[NJ Zinc claim, Mont Albert, QC]
Polyhalite	(N.S. Dept of Mines & Energy Bull. 5)[Pugash, NS]; (Shang 2000)[N. Ingebright Lake, SK]
Polythionite	(CM 9, 109; MR 21, 330)[MSH, QC]; (MR 29, 106)[STA, QC]; (CM 50, 1839)[Red Cross Lake, MN]
Poppiite	(CM 30, 153)[Hemlo, ON – “vanadoan pumpelleyite” = UM 1992-34]
Portlandite	(CM 48, 1519)[West Clearwater Lake impact crater, QC]
Posnjakite	(T83)[Hazelton, BC]; (GSCP 75-36, 73)[Colliers River, NL]; (GSCP 71-27, 47)[North Star & Don Jon deposits, MN]; (GSCP 65-10, 29)[Coxheath m., NS], (GSCP 71-27)[Coronation & Mandy mines, SK]; (GSCP &2-32, 46)[Copper King m., YU]; (GSCP 66-51)[Capelton & Albert, Sweet’s, Ives, Acton mines, QC]; (GSCP 73-13, 94)[Lorraine m., QC; Green Meehan & Red Rock mines, ON]; (MR 21, 284)[MSH, QC];
Potarite	(GSA NE 2001 program/abstracts) [Thetford Mines, QC]
Potassic-arfvedsonite	(RRUFF R050516)[Red Wine complex, NL]; (CM 35, 53)[Napoleon Bay, Baffin Island, NU]
Potassic-chloro-hastingsite	(CM 37, 1385)[Fraser m., Sudbury Dist., ON]; (CM 17, 25)[Crescent Lake, Whitehorse Mining Dist., YU]
<i>Potassic-ferro-chloro-edenite</i>	(CM41, 1329)[Willroy m., Thunder Bay Dist., ON]
<i>Potassic-ferrorichterite</i>	(CM 35, 53)[Napoleon Bay, Baffin Island, NU] [[not IMA approved; named-amphibole also reported from Khibiny massif , Russia]]
Potassic-fluororichterite	(CMN collections: CMNMC 30172)[McCloskey’s Field, Gatineau Park, Outaouais, QC]
Potassic-magnesian-arfvedsonite	(CM 35, 53)[Napoleon Bay, Baffin Island, NU]

- Potassic-magnesian-fluoro- arfvedsonite** (CM 25, 739-753; CM 44, 289) [**TL**: Perkins, Val-des-Monts, Les Collines-de-l'Outaouais RCM, Outaouais, QC]; (RRUFF)[KIP, QC]
- Potassic-magnesian-hastingsite (Mindat)[Lapie River, St. Cyr Range, YU ~61°52' N; 132°50' W]
- Potassic-pargasite (GAC/MAC 2006 abstracts)[Lafarge Montréal-Est quarry, Montréal, QC]
- Potosiite* discredited [= frankeite]
- Potassic-richterite (CM SP 14)[MSH, QC]
- Poubaite (CM, 25, 625)[Otish Mountain, Quebec]
- Poudretteite** (CM 25, 763-766) [**TL**: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
- Powellite (T83)[Lubra, Chuchi & Adera properties, BC]; (UTSGR 42, 64)[Outpost Islands, Great Slave Lake, NT]; (OGS MP70, 291)[Olden Twp., ON]; (GSCEGR 20)[Emerald m., & Bethlehem prop. m., BC]; (GSCEGR 17)[Victory Tungsten prop., & Bennet Creek, BC]; (GSCEG 20, 269 & 299)[Highland Valley & Emerald m., BC]; (GSCEG 17, 169) [Township 32, ON]; (GSCM 312, 91)[Lake Laberge, YU]; (AM 38, 35)[Fiedmont, Abitibi area, QC]: (author's data)[MSH, QC]
- Prassoite* (no species status; GSA NE 2001 program/abstracts)[Thetford Mines, QC]
- Prehnite (T83)[40+ localities in BC, NB, NL, NT, NS, ON, QC, YU]; (MR 10, 69)[JMA, QC]; (MR 25, 339)[ORF, QC]; (GSCOF 2015)[Sterrett m., QC]; (author's data 2016)[Cross m., QC]
- Priceite (CM 28, 351-362; CM 43, 1459-1487) [Penobsquis, NB]
- Priderite (MM 65, 133)[Lac de Gras, NT]
- Pringleite** (CM 31, 795-800) [**TL**: Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
- Prismatine (RMG 33, 441; ROM M46087)[Kazabazua, QC]
- Probertite (CMN collections: CMNMC 44850)[Cheverie, Minas Basin, Hants Co., NS]
- Prosopite (BCMEMP 88, 25)[Rock Canyon Creek, BC]
- Proustite (T83)[Elkhorn m., Greenwood; Tenmile Creek; Swaam Bay, Adams Lake all BC]; (CMJ 56, 148)[Fortuna Bay, NL]; (CMJ 83(4), 104)[Magnet Cove, NS]; (UTSG 20, 69)[Keeley m., ON]; (UTSG 14, 89)[Penn Canadian m., ON]; (T83)[Lorraine Trout Lake, Temiskaming, Foster, University, Cobalt Lake & O'Brien mines, Cobalt area ON]; (CM 11, 214)[Christopher m., ON]; (GSCP 73-13, 111)[Ross m., ON]; (GSCP 73-30, 114)[Manitou-Barvue m., QC]
- Pseudomalachite (CMN collections: CMNMC 53464)[St. Francis m?, Richmond, QC]; (R. Van Dommelen p.c.)[Dunbrack m., NS]
- Pseudorutile (MR 37, 5)[Francon quarry, Montreal, QC]; (CM 41, 117)[Stargazer Claim, NT]
- Psilomelane* (uncertain species status; T83)[BC: 12; NB: 3; NS: 1; QC: 1 localities]
- Pumpellyite ser. (T83 unclassified pumpellyite) [BC: 3; NL: 3; ON: 2; QC: 5]
- Pumpellyite-(Fe) (CM 20, 203)[Port Daniel, QC]
- Pumpellyite-(Mg) (CM 30, 153 V-rich)[Hemlo, ON]; (CM 20, 203) [Thetford Mines, QC]; (MR 44, 375)[JAM, QC]; (author's data)[A50 #2, Grenville, QC]; (GSCOF 2015)[Sterrett m., QC]

Purpurite	(CM 36, 367) [Campfire Lake, ON]; [Little Nahani pegmatite field, NT]
Pyrrargyrite	(T83)[BC: 7, MN: 1, NB: 8, NT: 1, NS: 11, ON: 2, QC: 6, YU: 2 localities]; (MR 27, 433)[Silvana m., BC]; (CM 28, 189)[Trout Lake deposit, MN]; (MR 31, 219)[Silver Tunnel, Brandywine, BC]; (MUK87)[ACC, BC]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 22, 493)[Izok Lake, NU]
Pyrite	(T83)[(90+ localities); (Mindat)[~1800 localities]; (RM 85, 494)[SPB, QC]; (MR 21, 515)[Nanisivik m., NU]; (MR 21, 284) [MSH, QC];
Pyroaurite	(AM 26, 295)[Rutherglen, ON]; (GSCP 66-51, 45)[Belmina m. & Webster Lake, QC]; (GSCP 68-51, 44-48) [Val-des-Bois; Dobie m.; Des-Cèdres dam, all QC]; (GSCP 78-1A, 255)[Kilmar, QC]; (GSCP 70-50, 99)[Bryson, ON]; GSCP 69-50, 41)[Cross q., QC]; (GSCP 72-32, 111)[Clinton Creek YU]
Pyrobelonite	(CM 25, 185)[Otish Mountain U deposit, QC]
Pyrochlore group	(unclassified pyrochlore group minerals (Atencio <i>et al.</i> (2010) to be sorted by analytical data)(T83)[60+ localities]
<i>Pyrochlore</i> *	(* of Hogarth 1977) (see note re: pyrochlore group); (GEC86)[Oka; St-André, QC]; (MR 21, 284) [MSH, QC]; (OGR 64, 642)[Aley carbonatite, BC];
Pyrochroite	(MR 10, 69)[JMA, QC]
Pyrolusite	(T83)[BC: 4, MN: 1, NB: 6, NS: 13, ON: 2, QC: 2 localities]
Pyromorphite	(AJS Ser.4, 28, 40)[Moyie, BC]; (GSCP 66-51, 119)[Brunswick No. 6 m., NB]; (GSCP 55-30)[Keno Hill, YU]; (NS Museum)[Dunbrack Mine, NS]
Pyrope	(CJES 10, 384)[Somerset Island, NU]
Pyrophanite	(GSC Pap. 64-37, 51)[[Rocky Lake, NS]; (CM 9, 109; MR 21, 331)[MSH]; (Mnews 44(4), 23)[STA]; (GSCOF 2015)[Sterrett m., QC]
Pyrophyllite	(T83)[Coalmont & Easy Creek, Kyuquot Sound, BC]; (GSCP 72-53, 75)[Samlin siding, BC]; (GSCP 74-08, 57)[Rupert Inlet, BC]; (AM 23, 180)[Long Pond, Manuels, NL]; (CM 14, 442)[Foxtrap m., NL]; (GSCMR 58, 160)[Hope Brooke m., NL]
Pyrosmalite-(Fe)	(CM 27, 311)[Strathcona m., Sudbury, ON]; (CM 31, 695) [Mattagami Lake, QC, Manitouwadge, ON, Thompson, MN]
Pyrosmalite-(Mn)	(MR 20, 201)[Port Radium, BC]; (CM 31, 695)[Mattagami Lake, QC, Manitouwadge, ON]
Pyrostilpnite	(MR 27, 433)[Silvana m., Sandon, BC]; (MR 31, 219)[Silver Tunnel, Brandywine Creek, BC]
Pyroxmangite	(CMN collections: CMNMC 35884)[Great Salmon Range, Teslin River Dist., YU]
Pyrrhotite	(T83)[60+ localities]; (MR 21, 284)[MSH, QC]; (MR 10, 69)[JAM, QC]; (MR 21, 515)[Nanisivik m., NU]; (CM 53, 845)[Marathon deposit, QC]
Qaqarssukite-(Ce)	(Dalsin13)[Wicheeda carbonatite, BC]; (OGR 67, 314)[Montviel complex, QC]
Qitianlingite	(CM 52, 129)[Mount Begbie, BC]
Quartz	(T83)[200+ localities]; (MINDAT)[~1400 localities] (RM 85, 494)[SPB, QC]; (MR 21, 515)[Nanisivik m., NU]; (MR 21, 284)[MSH, QC]; (OGR 67, 314)[Montviel complex, QC]

Quenstedtite	(Gomi, A. (1991) Suisyou (quartz) 50(3), 173)[Venus mine, Tagish Lake, YU]
Quintinite	(CM 35, 1541-1549) [TL1: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Raite	(MR 21, 331)[Mont St-Hilaire, QC]; (author's data)[St-Amable, QC]
Ramikite-(Y)	(CM 51, 569-596); [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Rammelsbergite	(GSCP 75-36 123)[Tilt Cove m., NL]; (AM 36, 506)[Nix prop., & Gros Cap, Great Slave Lake, NT]; (CM 9, 655)[Conjuror Bay, NT]; (EG 34, 759)[Contact Lake, NT]; (UTSGS 32, 46)[Eldorado m., NT]; (GSCEG 16, 96)[Lake Athabasca, SK]; (T83)[ON 7 localities; some may be pararammelsbergite]; (Girard71)[Madeleine Cu-mine, QC]
Ramsdellite	(AM 28, 615)[Pictou Co., NS]; (GSCP 64-10, 51)[Whale Cove, NS]; (CM 9, 718)[Cape Split, NS]
Ranciéite	(J. Post pers. comm. 2005) [Mont St-Hilaire & St-Amable sill, QC]
Rankamaite	(CEV98 rankamaite-sosedkoite)[Tanco m., MN]
Rapidcreekite	(CM 24, 51-54) [TL: Rapid Creek, YU]; (Shang 2000)[N. Ingebright Lake, SK]
Raspite	(CM 25, 185)[Otish Mountain U deposit, QC]
Rasvumite	(MR 21, 331; EJM 19, 533) [Mont St-Hilaire, QC]; (NComm 4, 3687)[Oka, QC]
Rauvite	(GSC P 68-74, 5)[Little Miminegash Pond, PE]
Realgar	(T83)[Wolfe Lake, Mount, Washington, Watson Bar Creek, all BC; Little Harbour, NL; Faraday Twp., Keeley mine, Madson m., Red Lake, all ON; Tagish Lake, Pan Creek, both YU]; (MINDAT)[Dudswell, QC]; (Harris89)[Hemlo, ON]; (CM 47, 533)[Montague, NS]
Rectorite	(Mindat/Norman Wilson)[AGS fluorite deposit, Lawrenceville, NL]
Reederite-(Y)	(AM 80, 1059-1064) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Rémondite-(Ce)	(RMI 2000(3) 173) [Mont St-Hilaire, QC]
Rémondite-(La)	(author's data)[Mont St-Hilaire, QC]
Renierite	(EG 91, 507)[Butte Lake, BC]; (NS database)[Meat Cove deposit, NS]; (CM 54, 1307)[Lemarchant deposit, NL]
Retgersite	(GSCP 66-51, 55)[Eastern Metals m., St-Fabien, QC]; (MR 7, 174)[Marbridge m., LaMotte, QC]
Revdite	(MR 21, 284)[Mont St-Hilaire, QC]
Rhabdophane-(Ce)	(MR 10, 99; MR 21, 331) [MSH, QC]; (MR 29, 106)[St-Amable sill, QC]
Rhabdophane-(La)	(RMI 24(3), 140)[Mont St-Hilaire, QC]
Rheniite	(LeFort12)[Garson m., Sudbury, ON]
Rhodarsenide	(CM 53, 845)[Marathon deposit, QC]
Rhodochrosite	(T83)[~20 localities]; (MR 21, 284)[MSH, QC]; (CM 50, 1839)[Red Cross Lake, MN]; (MR 29, 106)[STA, QC]
Rhodonite	(T83)[BC: 12; NB: 3; NS: 1; QC: 1]
Rhomboclase	(SG 27, 147)[Waldsea Lake, SK]
Richterite	(CM 25, 739)[Gatineau, QC]; (MR 21,284)[MSH, QC]

Rickardite	(AM 39, 527)[Hardscrabble Creek, Skeena MD, BC]; (AM 34, 359)[Horne m., Noranda, QC] (CM 21, 137)[Ashley mine, Matachewan, ON]; (EG 36, 45; AM 38, 506)[Negus and Con mines, Yellowknife, NT]
Riebeckite	(T83)[16 localities]; (MR 21, 284) [MSH, QC]; (OGR 67, 314)[Montviel complex, QC]; (Möller2016)[Thor lake, NT]
Ringwoodite	(CM 15, 97; CM 21, 29)[Catherwood meteorite, SK; Peace River meteorite, AB]
Rinkite-(Ce)	(MM 75, 2755) [Mont St-Hilaire, QC]
Rinkite-(Y)	(Mindat/P. Kartashov ID)[Kipawa complex, QC]
Rinneite	(N.S. Dept of Mines & Energy Bull. 5)[Pugash, NS]
Robinsonite	(CM 9, 426; CM 9, 211)[Taylor pit, Madoc, ON]
Rogermitchellite	(CM 48, 267-278) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Roggianite	(CMN collections: CMNMC 52243)[Great Gull Prop., 10 km SW of Great Gull Lake, Baie d'Espoir, NL]
Romarchite	(CM 10, 916) [TL: Boundary Falls, Winnipeg River, Kenora Dist., ON]
Roméite??	(a series name; T83 <i>romeite</i>)[Sewel Twp., ON]
Römerite	(T83 <i>romerite</i>)[Ashcroft, BC; Brunswick No.6 m., NB]; (MR 15, 89)[Spatsum claim, BC]; (Micronews 41(3), 6)[MSH, QC]
Röntgenite-(Ce)	(LRM No.23, (1998) 29) [Mont St-Hilaire, QC](McLaughlin 1990 Thesis)[Coldwell complex, Marathon, ON]
Rooseveltite	(CMN collections: CMNOC 1709, 2772)[Nug-4 Claim, Howard's Pass, W of South Nahanni River, Selwyn Mts., NL]
Roquesite	(AM 54, 1202)[Mount Pleasant m., NB]; (CM 22, 229)[Kidd Creek m., Timmins, ON]
Rosasite	(CMN collections: CMNMC 49664)[Fiddler Property, Cassiar Mts., 9 km N of Alaska Hwy at mile 701, YU]
Roscoelite	(GSCP 72-32, 40)[Engineer m., Tagish Lake, BC]; (Sabina 2015, PG 97)[Dorchester cape, NB]
Roselite	(MR 27, 433)[Sylvana m., BC]
Rosenbuschite	(MR 18, 364)[Mont St-Hilaire, QC]; (CM 28, 251)[McGerrigle compl., QC]; (Kerr2010)[Two Tom Lake, Seal Lake, NL]
Rösslerite	(MINDAT)[Port Radium, NT]
Rossmannite	(CEV98; CM 38, 877; EJM 11, 569)[Tanco m., Brnic Lake, MN; Red Cross Lake, MN]; (CM 52, 129)[Mount Begbie, BC]
Rostite(?)	(Mindat - N. Wilson -TBC)[Tilt Cove mine, NF]
Routhierite	(Harris 1989) [Hemlo deposit, ON]
Rouvilleite	(CM 29, 107-111) [TL: Mont St-Hilaire, QC]
Rowlandite-(Y)	(HBN II(2), 697; AM 56, 395)[Evans Lou m., QC]
Roxbyite	(R. Rowe, P. Tarassoff – L. Horváth p.c. 2011)[Mont Saint-Hilaire, QC]; (Sabina 2015, PG 97)[Five Islands, NS; Reeves farm occurrence, New Ross, NS]
Rozenite	(T83)[~30 localities]; (MR 21, 284) [MSH, QC]; (MR 21, 515)[Nanisivik m., NU]; (MR 15, 89)[Spatsum claim, BC];

Ruarsite	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]; (OGR 90 (2017), 723, xx)[Marathon deposit, ON]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Rubicline	(CM 50, 1839)[Red Cross Lake, MN] : (CM 36, 483)[Tanco pegmatite & High Grade Dyke, MN; Rubellite Dyke, ON]
Rucklidgeite	(ZVMO 106, 62-68; CM 9, 709-715) [TL2: Montbray, Abitibi, QC]; (CM 28, 189)[Trout Lake deposit, MN]; (CM 21, 137)[Ashley mine, Matachewan, ON];]; (Roberts 2017)[Deer Horn deposit, BC]
Ruitenbergitte	(CM 31, 795-800) [TL: Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]; (CM 30, 445)[Clover Hill deposit, NB]
Russellite	(CM 32, 567)[Nahani River area, NT]
Rustenburgite	(OGR 90 (2017), 723, xx)[Marathon deposit, ON]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Rutheniridosmine	(CM 29, 231)) [TL1 & 2: Ruby Creek & Spruce Creek, Atlin Lake District, BC; TL3: Bullion m., Cariboo Distr., BC]; (2 other none Canadian TLs); (CM 43, 1687)[Lockie Creek, BC]; (CM 28,503) [Tulameen River placers., BC]
Ruthenium	(CM 49, 1523)[MAA, NL]
Rutherfordine	(MINDAT)[Beaverlodge Lake, SK]; (CM 13, 198)[Zimmer Lake, SK]; (CM 52, 129)[Mount Begbie, BC (?)]
Rutile	(T83)[~25 localities]; (MINDAT)[~180 localities]; (Harris89)[Hemlo deposit, ON]; (MR 21, 284) [MSH, QC]; (RM 85, 494)[Richmond, Ayer's Cliff, Rock Forest, St-Ludger, SPB, all QC]; (GEC86)[Oka; StAndré, QC]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (MINDAT)[Lac McGregor, QC]; (CM 25, 185)[Otish Mountain U deposit, QC]; (R&M 88, 420)[Girardville, QC]; (OGR 67, 314)[Montviel complex, QC]
Sabinaite	(CM 18, 25-29) [TL: Francon q., Montréal, QC]; (CM 34, 811 structure)[MSH, QC]
Sabugalite	(T83)[Nithi Mountain, Nithi River, BC]
Safflorite	(AM 36, 505)[Oregon prop., Hedley, BC]; (GSCEGS 16, 42)[Roche Deboule m., BC]; (T83)[NT: 3; ON: 13; Mount Wright, QC] ; (Girard71)[Madeleine Cu-mine, QC]
Sakuraiite	(GSC XRD & EMPA by A.C. Roberts X-79718)[Bosquet, QC]
Salammoniac	(T83 "sal-ammoniac")[Smoky River, AB]
Saléite	(CM 19, 325)[Tyee & Blizzard U deposits in South-central, BC]
Samarskite-(Y)	(T83 "samarskite"); (AM 98, 444)[Wentworth pluton, NS]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]
Samsonite	(T83)[Silver Miller m., Cobalt, ON]; (Möller2016)[Thor lake, NT]
Sanbornite	(CM 11, 444)[Ross & Pelly Rivers headwaters, Gillespite, Lake, YU]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]; (Mindat 2017)[Beluga deposit, Kimmirut, NU]
Sanidine	(CM 9, 109)[MSH, QC]
Sanmartinite	(R. Van Dommelen p.c.)[Lime Hill, NS]
Saponite	(T83)[Beaver m., Thunder Bay, ON : Hog Island & Malpeque Bay, PE; Gatineau area, QC];

Sapphirine-1A	(CM 11, 777-790) [TL-1A polytype: Wilson Lake, Labrador, NL]; (CM 48, 821)[St-Urbain & Lac Allard, QC]; (JP 32(1), 29)[SHB, NL]
Sarcopside	(CM 36, 367) [Campfire Lake, ON]
Sasaite	(MR 23, 4-47) [Rapid Creek, YU]
Satterlyite	(CM 16, 411-413) [TL : Big Fish River, YU]
Sazhinite-(Ce)	(MR 21, 334)[Mont St-Hilaire, QC]; (MR 29, 107)[St-Amable sill, QC]
Sazhinite-(La)	(MR 21, 334)[Mont St-Hilaire, QC]; (MR 29, 107)[St-Amable sill, QC]
Sazykinaite-(Y)	(RMI 24(3), 198; Lapis 25(7/8), 47)[Mont St-Hilaire, QC]
Scarbroite	(MM 50, 180)[Muskiki Lake, SK]
Schachnerite	(Sabina 2015, PG 97)[Dorchester cape, NB]
Schafarzikite	(MR 27, 121-134) [Lac Nicolet Antimony mine, QC]
Schairerite	(RMI 24(3), 152; Lapis 25(7/8), 60) [Mont St-Hilaire, QC]
Scheelite	(T83)[BC: 44; MN: 2; NB: 2; NL: 1; NT: 11; NS: 10; ON: 17; QC: 11; SK: 1; YU: 15 = 114 localities]; (Mindat)[150 localities]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 19, 349)[Castlegar, BC]
Scherbakovite	(CM 35, 53)[Napoleon Bay, Baffin Island, NU]
<i>Schirmerite</i>	(discredited; MR 20, 207) [Port Radium, Great Bear Lake, NT]
Schizolite	(Author's data)[MSH, QC; STA, QC]
Schoepite	(AM 41, 556)[Hottah Lake, NT]; (CM 7, 331)[Port Radium, NT]
Schorl	(MR 13, 85)[Quadeville, Tar Island & Bathurst Twp. All in ON]; (RMI 24, 149)[MSH]; (MR 10, 69)[JAM, QC]; (CM 52, 129)[Mount Begbie, BC]
Schorlomite	(CMN collections: CMNMC 54478; AM 80, 27)[Ice River, BC]; (OGSS47)[Firesand River carbonatite, ON]
Schreibersite	(GCA 46, 2083)[Springwater meteorite, SK]; (EPSL 62, 118)[Abee meteorite, Abee, AB]
Schröckingerite	(CMN collections: CMNMC 36871)[Eldorado m., Uranium City, SK]
Schwertmannite	(CM 47, 533) [Meguma Terrane, NS]; (V. King MINDAT)[Tulsequah Chief m., BC]
Scolecite	(T83)[Beaver (Jacob) m., Thetford Mines, QC]; (ZoW, 440)[LBL, QC]; (MR 44, 475)[JMA, QC]; (Museum Thetford Mines, QC)[Normandie m., Thetford Mines, QC]; (MR 20, 393)[British Canadian m., Thetford Mines, QC]; (Gaudard93)[Johnson & King m., Thetford Mines, QC]; (ZoW)[Yellow Lake, BC]; (GSCP 64-10, 10)[Grand Magnan Isl., NB; Margaretsville & East Sandy Cove, NS]; (UTSGS 14, 67)[Digby Gut, NS]; (T83)[Cape D'Or and Two Islands, NS]
Scorodite	(T83) [BC: 1; NB: 2; NL: 1; NT: 11; ON: 5; YU: 4]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 47, 533)[Montague, NS]
Scorzalite	(GSCB 745, 33)[Torp Lake pegmatites, Bathurst Inlet, NU]
Searlesite	(MR 21, 284)[Mont St-Hilaire, QC]
Sedovite	(NSDMR 1977-1, 103-113)[Pinkney Point, NS]
Segnitite	(Mindat/Norman Wilson)[AGS fluorite deposit, Lawrenceville, NL]
Sekaninaite	(CM 40, 753)[Separation Lake, ON]; (CM 52, 129)[Mount Begbie, BC]
Selenium	(T83)[Ranwick m., ON]; (MD 36, 791)[Cluff Lake mine, SK] (GSC MR 77, 128)[Amos, QC]

Seligmannite	(Harris89) [Hemlo, ON]; (HBM 1, 470)[Whisky Creek, Woodstock, BC]; (CM 7, 663)[Chisel Lake m., MN]
Sellaite	(CM 28, 351-362; CM 43, 1459-1487) [Penobsquis, NB]
Semseyite	(GSCM 310, 55)[Negus-Rycon, Giant-Campbell & Crestaurum deposits, Yellowknife, NT]; (CM 9, 212)[Taylor pit, Madoc, ON]; (MR 13, 87)[Rogers m., ON]; (MR 31, 219)[Silver Tunnel, Brandywine, BC]
Senaite	(MR 18, 364; MR 21, 334) [Mont St-Hilaire, QC]
Sénarmontite	(T83)[Red Lake, ON; Galena Hill & Dublin Gulch, YU]; (MR 27, 121)[Lac Nicolet m., QC]; (MINDAT)[Lake George, NB]
Sepiolite	(T83)[Tory Hill & Wilberforce, ON]; (MR 21, 284) [MSH, QC]
Serandite	(CM 9, 109; MR 21, 335)[MSH, QC]; (MR 29, 107)[STA, QC]
Serendibite	(T83)[Melville Peninsula, NT]; (CM 52, 1)[Portage-du-Fort area, QC]
Serpierite	(GSCMR 58, 94)[Buchans mine, NL]; (GSCMR 49, 159)
Shandite	(MR 44, 375)[Jeffrey mine, Asbestos, QC]
Shcherbakovite	(CM 35, 53)[Napoleon Bay, Baffin Island, NL]
Sheldrickite	(CM 35, 181-187) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Shigaite	(RM 70, 90) [Mont St-Hilaire, QC]
Shkatulkalite	(MR 29, 83) [St-Amable sill, QC]
Shomiokite-(Y)	(CM 34, 649) [Mont St-Hilaire, QC]
Shortite	(MR 21, 284)[Mont St-Hilaire, QC]; (JG 82, 667)[Upper Canada m. Kirkland Lake, ON]; (NComm 4, 3687)[Oka, QC]
Sicklerite	(CM 11, 562)[Matty & Cloe claims, Bernic Lake, MN]
Siderite	(T83)[~30 localities]; (Mindat)[154 localities]; (MR 21, 284) [MSH, QC]; (RM 85, 494)[SPB, QC]; (MR 29, 83)[STA, QC]; (MR 37, 5)[FQM, QC]; (OGR 67, 314)[Montviel complex, QC]
Sideronatrite	(CM 16, 17)[No. 26 Colliery, Glace Bay, NS]
Siderophyllite	(MR 21, 338) [Mont St-Hilaire, QC]; (CM 40, 753)[Separation Lake, ON]; (Sabina 2015, PG 97) [Reeves farm occurrence, New Ross, NS]
Siderotil	(T83)[Nipisiquit River, NB]; (GSCP 75-36, 119)[Baie Verte, NL]; (GSCP 73-113, 116)[Matheson, ON]; (GSCP 66-51, 40)[Solbec m., QC]; (GSCP 73-30, 57 & 120)[Lyndhurst m., & Rainville m., QC]
Sidorenkite	(MR 21, 338) [Mont St-Hilaire, QC]
Siegenite	(CM 9, 597)[Langis m., ON]; (CM 22, 125)[Lac-des-Iles Complex, ON](CMN collection)[Nanisivik, NU]; (CM 28, 489)[Geordie Lake, ON]
Silinaite	(CM 29, 359-362) [TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Sillimanite	(T83)[Thompson-Moak Lake, MN]; (GSCB 61, 47)[Chidliak Fjord area, Baffin Island, NU]; (GSCP 75-36, 163)[Channel-Port aux Basques and Rose Blanche area, NL]; (T83)[NS: 2; ON: 8; QC: 7]; (JP 32(1), 29)[SHB, NL]
Silver	(T83)[BC: 13, NL: 2; NT: 5; NS: 2; ON: >20; QC: 4, SK: 1, YU: 5 = 52 localities]; [Mindat ~ 300 localities] (RM 85, 494)[SPB, QC]; (CM 17, 275)[Strathcona m., Sudbury, ON]; (OGR 90 (2017), 723, xx)[Marathondeposit, ON]
Silvialite	(MM 63, 321)[Manicouagan impact structure, QC]

Silvite	(NComm 4, 3687)[Oka, QC]
Simpsonite	(CEV98)[Tanco m., Bernic Lake, MN]
Sinhalite	(GSCP 77-1A, 338) [Hwy 62, Bancroft, ON]
Skaergaardite	(CM 53, 845[Marathon deposit, QC]
Sjögrenite	(GSCP 66-61, 45)[Belmina m., St-Jacques, QC]; (GSCP 75-1A, 261)[Dumont m., Amos QC]
Skippenite	(CM 25, 625-638) [TL : Otish Mountains U deposit, Otish Mountains, Baie-James, Nord-du-Québec, QC]
Sklodowskite	(Stern 1991)[Rabbit Lake, SK]; (CM 11, 562)[Huron claim, Winnipeg River, MN]; (CM 13, 198)[Zimmer Lake, SK]
Skutterudite	(<i>smaltite</i> T83)[Dominion m., Madoc; Foster m., Cobalt area, ON; Hudson Bay m., Colroy m., O'Brien m., Silver Bullion m., Claim LO 305 (Morel Twp.) all in the Gowganda area, ON; Silver Islet m., ON]
Slavíkite	(CMN collections: CMNOC 290, 291)[Mt. Haldane, 20 km W of Elsa, YU]; (Ogilvie 1979)[unspecified locality, NS]
Slawsonite	(CM 44, 929)[Prairie Lake complex, ON]
<i>Smaltite</i>	(= skutterudite; T83)
Smithsonite	(T83)[NT: 2, ON: 1, localities]; (author's data) [MSH, QC]; (BC MINFILE Number: 082GSW024)[McNeil prospect, East Kootenay, BC]; (British Columbia Minfile 082FSW004)[Hudson Bay m., Salmo, BC]; (BC MINFILE No 082KNW068)[Wigwam deposit, BC]; (BC MINFILE No 082FNW050)[Silvana m., BC]; (GEEA 17, 21)[Prairie Creek, Nahanni River area, NT]; (CM 7, 209)[Keno Hill, YU]; GSC MR 46, 68][Federal m., QC]
Smythite	(T83)[Silverfields m., ON]; (CM 11, 514)[Bird River m., MN; Nicopor & Atikokan Iron mines, ON; Lorain m., QC]; (MR 37, 5)[FQM, QC]
Sobolevskite	(CM 31, 31)[Strathcona mine, ON]; (CM 40, 651)[Wellgreen deposit, Kluane District, YU]; (CM 45, 775)[Mechanic Settlement, NB]; (CM 53, 845[Marathon deposit, QC]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (Wilson & Harper 2013)[Seagull complex, ON]
Sodalite	(T83)[ON: 10, QC: 2 localities]; (GSCB 237, 43)[Coldwell complex, ON]; (AM 21, 714)[Princess sodalite m., Bancroft, ON]; (MR 12, 221)[Ice River, BC]; (MR 21, 284) [MSH, QC]; (MR 29, 108)[STA, QC]; (author's data)[Lafarge Montreal-Est q., QC]; (TRSC 17, sect. 4, 13)[Mont Royal, Montreal, QC]
Soddyite	(T83)[Lake Athabasca, SK]; (ODMMR 65)[Elliott Lake, ON]; MR 22, 263)[Lake George Sb m., NB]
<i>Sodicgedrite?</i>	[species status?];(CMN collections: CMNMC 34765, 36936 +)[Geco Mine, Manitouwadge, Gemmell Tp., Thunder Bay Dist., ON]; (CMNMC 45178)[Fishtail Lake, Harcourt, Harcourt Tp., Haliburton Co., ON]
Sokolovaite	(CM 47, 337)[Moblan Lake, QC]; (AM 88, 1832)[Red Cross Lake, MN]; (CM 41, 117)[O'Grady batholith, NT]
Sopcheite	(CM 22, 233)[Lac-des-Iles complex, ON]; (CM28, 489)[Coldwell complex, ON]; (CM 45, 775)[Mechanic settlement, NB]; (CM 28, 489)[Geordie Lake, ON]

Sorbyite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Sosedkoite	(CEV98 rankamaite-sosedkoite)[Tanco m., MN]
Součekite	(CM, 25, 625)[Otish Mountain U deposit, James Bay region, QC]
Souzalite	(MR 23, 4) [Rapid Creek & Big Fish River, YU]
Spangolite	(Mindat)[Oliver Cameron m., NB; Silbak Premier m., BC]
Spencerite	(MM 18, 76-81) [TL: Hudson Bay mine, Salmo, BC]
Sperrylite	(AJS 137, 67; T83) [TL: Vermilion mine, Denison Township, Sudbury, ON]; (CM 28, 503)[Tulameen R., BC]; (CM 28, 489)[Geordie Lake, ON]; (CM 49, 1505)[Voisey's Bay deposit, NL]; (CM 45, 775)[Mechanic Settlement, NB]; (CM 42, 485)[Katiniq deposit, QC]; (CM 30, 109)[Boston Creek Flow, ON]; (LeFort12)[Garson m., Sudbury, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (CM 53, 845)[Marathon deposit, QC] (Mindat)[~50 localities]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Spertiniite	(CM 19, 337-340) [TL: Jeffrey mine, Asbestos, Les Sources RCM, Estrie, QC]; (MR 21, 284) [MSH, QC];
Spessartine	(T83)[6 localities](Mindat)[28 localities]; (RM 85, 463)[MSH, QC]; (MR 44, 375)[JMA, QC]; (CM 50, 1839)[Red Cross Lake, MN]; (MR 3, 69)[ELU, QC]; (CM 40, 753)[Separation Lake, ON]
Sphalerite	(T83)[~120 localities]; (Mindat)[~900 localities] (MR 21, 284) [MSH, QC]; (RM 85, 494)[SPB, QC]; (GEC86)[Oka & St-André, QC]; (MR 21, 515)[Nanisivik m., NU]; (Girard71)[Madeleine Cu-mine, QC]; (OGR 67, 314)[Montviel complex, QC]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]
Sphaerocobaltite	(T83 ex sphaerocobaltite)[O'Brien m., Coleman Twp., ON](author's 2016 data)[MSH, QC]
Spinel	(T83)[NL: 1; NT: 1; ON: 6; QC: 11]; (CM 15, 121)[Mt. Pleasant Tin m., NB]
Spionkopite	(CM 18, 511-518) [TL: Spionkop Creek deposit, Spionkop Creek and Yarrow Creek area, AL]; (Sabina 2015, PG 97)[Five Islands, NS; Reeves farm occurrence, New Ross, NS]
Spodumene	(T83)[~50 localities]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 40, 753)[Separation Lake, ON]
Spurrite	(CM 48, 1519)[Clearwater Lake, QC]
Srebrodolskite	(CM 28, 537)[Bay of Islands, NL]; (CM 48, 1519)[West Clearwater Lake impact crater, QC]
Stanfieldite	(MINDAT)[Springwater meteorite, SK]
Stannite	(T83)[BC: 7; MN: 1; NB: 6; NS: 2; ON: 17; QC: 1; YU: 2]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 22, 493)[Izok Lake, NU]; (AM 38, 506)[Giant Yellowknife m., NT]; (GSCOF1787)[Victor Deep m., Sudbury, ON]
Stannoidite	(CM 12, 46)[Mt. Pleasant m., NB]; (GSCP 76-1A, 311)[Kidd Creek m., ON]
Stannopladinite	(GSCOF1787)[Sraithcona & Victor Deep mines, Sudbury, ON]
Starkeyite	(T83 <i>leonhardtite?</i>)[Lake Hazen, Ellesmere Island, NT]; (GSCP 70-50,

	98)[Squaw Lake m., QC]; (GSCP 73-30, 110)[Barvue m., QC]; (GSCP 75-36, 119)[Terra Nova m., NL]; (GSCP 71-27, 43-65)[Stall Lake, Pine Bay & Chisel Lake mines, MN]; (Shang 2000)[N. Ingebright Lake, SK]
Staurolite	(T83) [BC: 2; MN: 5; NB: 2; NS: 9; ON: 6]
Steacyite	(CM 20, 59-63) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Steedeite	(CM 52, 47-60)[TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Steenstrupine-(Ce)	(MR 10, 99; MR 21, 340) [Mont St-Hilaire, QC]; (MM 79, 671)[Merlot claim, North Red Wine complex, NL]
Stellerite	(CM 38, 1215)[Morden, NS]; (CM 41, 139)[Little Nahani River pegmatites, NT]; (G. Piper-D. Wilson p.c.)[East Kemptville, NS]; (RVD NS Minerals)[Cape d'Or, NS]
Stephanite	(T83)[Thunder Hill camp, Anna & Arlington mines, BC]; (T83)[Keeley, Frontier, Silver Miller, O'Brien, Penn Canadian, Drummond, Kerr Lake, Silverfields, Nipissing, Brady Lake, Kidd Creek & Badger mines, ON]; (MR 27, 433)[Silvana m., BC]; (AM 36, 505)[Elsa m., YU]; (AGK1990) [Matabi m., ON]; (EG 85, 164)[Calumet Island, QC]; (CM 22, 493)[Izok Lake, NU]
Sternbergite	(CM 22, 493)[Izok Lake, NU]; (MR 20 411)[Highland Bell m., BC]
Sterryite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Stevensite	(MR 17, 339)[Wilberforce, ON]
Stibarsen	(Harris 1989) [Hemlo deposit, ON]; (CM 50, 1839)[Red Cross Lake, MN]
<i>Stibiconite</i>	(no species status; possible stibioroméite? CM 48, 673)
<i>Stibiobetafite</i>	(no species status; possible oxycalciobetafite - or oxyuranobetafite? CM 48, 673) [status of T83 <i>stibiobetafite</i> is uncertain]
Stibiocolumbite	(CM 41, 117)[O'Grady Batholith, NT]
<i>Stibiomicrolite</i>	(no species status; possible oxystibiomicrolite [?] or oxycalciomicrolite? (CM 48, 673)
Stibiopalladinite	(CM 17, 453)[Lac des Iles complex, ON]; (CM 30, 109)[Boston Creek Flow, ON]; (GSCOF1787)[Copper Cliff North m., Sudbury, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (CM 53, 845)[Marathon deposit, QC]; (Normand 2016)[Nicholson #2 m., Beaverlodge Lake area, SK]
Stibioroméite	(was <i>stibiconite</i> - CM 48, 673)(CGSP 75-36, 97)[Moreton's Harbour m., NL]; (CGSP 66-51, 44)[Lac Nicolet m., QC]
Stibiotantalite	(T83)[Rush Lake, MN]; (CM 50, 1839)[Red Cross Lake, MN]
Stibivanite	(CM 18, 329-332) [TL1: Consolidated Durham mine, York Co. Lake George, NB]
Stibnite	(T83)[~65 localities]; (CM 27, 311)[Strathcona m., Sudbury, ON]; (AM 38, 506)[Giant Yellowknife m., NT]; (MR 27, 121)[Lac Nicolet m., QC]; (MR 22, 263)[Lake George antimony m., NB]
Stichtite	(T83)[Carman Twp.; Keith-Muskego area, ON]; (GSCP 73-13, 144)[Canadian Magnesite m., ON]; (AM 26, 307)[Megantic m., Black Lake, QC]; (GSCP 75-1A, 261)[Dumont m., Amos QC]

Stilbite ser.	(unclassified stilbites)(T83)[65 + localities] [[nearly all Canadian stilbites are thought to be stilbite-Ca, but require analyses]]
Stilbite-Ca	(CM 41, 139)[Little Nahani River pegmatites, NT]; (author's data)[Mine Lac d'Amiante, Joseph-de-Coleraine, QC];
Stilleite	(MN Geol. Surv. Activities Report 2007, 166)[Wellburns Creek, MN]
Stillwaterite	(CM 17, 453; CM 22, 233)[Lac des Iles complex, ON]; (CM 45, 775)[Mechanic Settlement, NB]; (CM 53, 845)[Marathon deposit, QC]
Stillwellite-(Ce)	(GSCP 77-1A, 338)[Wilberforce, ON]; (MR 21, 341)[MSH, QC]
Stilpnomelane	(T83)[6 localities]; (RM 85, 494)[SPB, QC]
Stolzite	(GSCEG 17, 120)[Angus Creek, BC]; (UTSG 46, 137)[Taylor Prospect, BC];]; (Roberts 2017)[Deer Horn deposit, BC]
Strashimirite	(Mindat R. Mielke)[Nipissing 404 m., ON]
Strengite	(MR 23, 4-47)[Big Fish River, YU]
Stromeyerite	(T83)[Toad Mtn., Nelson MD, & Siver King m., BC]; (EG 34, 761)[Contact Lake, NT]; (GSCM 187, 35)[Port Radium, NT]; (T83)[ON: 7 localities]; (RRUFF data)[Gowganda, ON]; (GSC MR 77, 111) [LaRonde mine, Rouyn-Noranda, QC]; (CM 54, 1307)[Lemarchant deposit, NL]; (Sabina 2015, PG 97)[Walton (Magnet Cove) m., NS]
Stronalsite	(CM 44, 929)[Prairie Lake complex, ON]
Strontianite	(T83)[Horsefly m., Quesnel MD, BC]; (T83)[ON: 6, QC: 3 localities]; (MR 21, 284)[MSH, QC]; (MR 37, 5)[FQM, QC]; (OGR 67, 314)[Montviel complex, QC]
Strontiodresserite	(CM 15, 405-407) [TL : Francon q., Montréal, QC]
Strontioginorite	(CM 40, 1572; CM 43, 1459-1487) [Penobsquis, NB]
Struvite	(T83)[Quartz Creek-Indian River, YU; McQueston Creek-Stewart River, YU]; (author;s data)[Mont St-Hilaire, QC]
Stumpflite	(CM 28, 503)[Tulameen R., BC]
Stützite	(CM 9, 709)[Lindquist Lake, BC] (CM 12, 193)[Temagami Lake, ON]; (CM 49, 1505)[Voisey's Bay deposit, NL]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (CM 53, 845)[Marathon deposit, QC];]; (Roberts 2017)[Deer Horn deposit, BC]
Sudburyite	(CM 12, 275-279) [TL : Copper Cliff mine, Sudbury, ON]; (CM 28, 409)[Blue Lake, QC]; (CM 42, 485)[Katiniq deposit, QC]; (CM 42, 48)[Raglan m., QC]; CM 43, 1735)[Mesamax deposit, QC]; (CM 40, 651)[Wellgreen deposit, YU]; EC 81, 1147)[Donaldson West deposit, QC]; (CM 53, 845)[Marathon deposit, QC]
Sudoite	(CM 27, 633)[Athabasca Basin, SK]; (CM 52, 27)[Kiggavik-Andrew Lake, NU]; (CM 54, 1205)[Centennial U deposit, SK]
Sugilite	(MR 21, 341; Lapis 25(7/8), 52) [Mont St-Hilaire, QC]
Sulphur	(T83)[12 localities]; (MR 21, 284) [MSH, QC]
Sulvanite	(CM 24, 55)[Rough Claims, Kechika River, BC]; (CM 54, 1307)[Lemarchant deposit, NL]
Suolunite	(CM 40, 121)[Lac de Gras, NT]; (ROM & CMN specimens)[Mine Lac d'Amiante, Joseph-de-Coleraine, QC]
Sursassite	(CM 7, 291)[Plymouth orebody, n. Woodstock, NB]
Suzukiite	(Mindat/G. Farber)[Gun Claim, Wilson Lake, YT]

Svanbergite	(BCMROF 1992-14.)[Mount Broussilof m. & Radium Hot Springs, BC]; (CM SP 14)[MSH, QC]; (CM 52, 27)[Kiggavik-Andrew Lake, NU]
Switzerite	(MR 23, 4)[Rapid Creek, YU]; (CM 54, 1205)[Centennial U deposit, SK]
Sylvanite	(CM 9, 709)[Lindquist Lake, BC]; (GSCP 71-27)[Flin Flon m., MN]; (T83)[Galaga Lake, BC; Tough Oak m., ON; Dome m., ON; Moss Twp., ON]; (GSCM 130, 55)[Ida May deposit, BC]; (GSCP 73-13, 125)[Pamour m., ON](UTSG 40, 97)[Dufay Twp., QC; Mt. Stevens, YU; Gold Reef claims, YU]; (GSCP 73-30, 40 & 47)[Fortune Lake, QC; Horne m., QC]; (GSCM 284, 333)[Golden Slipper prop., YU]; (EG 36, 45; AM 38, 506)[Negus & Con mines, Yellowknife, NT]
Sylvite	(T83)[numerous localities in Prairie Evaporite Formation in MN-SK-AB] (CM 43, 1459) [Penobsquis, NB]; (NComm 4, 3687)[Oka, QC]
Symplectite	(T83)[Penn Canadian m., Cobalt area, ON]; (GSCMR 50, 41)[Venus & Daulton mines, Tagish Lake, YU]
Synchysite-(Ce)	(CM 9, 109, MR 21, 341)[MSH, QC]; (MR 29, 108)[STA, QC]; (author's data)[East Kemptville, NS]; (MR 37, 5) [FQM, QC]; (Sheard2010)[Thor Lake, NT]; (G&M69)[OKA, QC]; (CM 11, 561)[Shatford Lake, MN]; (CJES 28, 1653)[Coldwell complex, ON]; (CM 28, 241)[Chipman Lake, ON]; (MINDAT)[St-Honoré & Tring-Jonction, QC]; (CM 5,1415) [Scadding Au m., ON]; (OGSOFR 5399)[Carb Lake carbonatite, ON]; (Dalsin13)[Wicheeda carbonatite, BC]; (OGR 67, 314)[Montviel complex, QC]; (OGS Open file 6290)[Brudenell area, ON]; (RMS abstract with program 2018)[Yate mine, QC]; (Pe-Piper <i>et al.</i> 2015)[West Moose River Pluton, NS]
Synchysite-(Y)	(AM 56, 395; MR 3, 69 former "doverite") [Evans Lou, QC]; (Dalsin13)[Wicheeda carbonatite, BC]
Syngenite	(SG 27, 147)[Waldsea Lake, SK]
Szaibélyite	(T83)[South Menville peninsula, 67°09'58"N; 83°39'02"W, NT]; (GSCP 77-1A, 338)[Bancroft, ON]; (GSCP 70-50, 99)[Bryson, QC]; CM 43, 1459) [Penobsquis, NB]
Szmikite	(CM 7, 217)[Calumet mine, YU]
Szomolnokite	(T83)[Golden, BC; Ellesmere Island, NT; Mayo, YU]; (GSCP 66-51, 118)[Brunswick No. 6 m., NB]; (GSCP 68-51, 63)[Castor Lake, QC]; (GSCP 73-30, 113)[Aumaque m., QC]; (MR 21, 342) [MSH, QC]
Tacharanite	(MR 44, 375)[Jeffrey mine, Asbestos, QC]
<i>Tadzhikite-(Ce)[?]</i>	(MR 18, 364; MR 21, 342)[MSH, QC] (species doubtful = MSH UK39)
Taenite	(CM 15, 97-101)[Catherwood meteorite, SK]; (MR 44, 375)[Jeffrey mine, Asbestos, QC]
Tainiolite	(MR 18, 364; MR 21, 342) [Mont St-Hilaire, QC]
Talc	(T83)[32+ localities]; (RM 85, 494)[SPB, QC]
Talmessite	(MR 8, 517) [Criss Creek, n. Savona, BC]
Talnakhite	(GSCOP 1787)[Strathcona m., ON]
Tamarugite	(CM 17, 63)[Sidney coalfield, NS]
Tancoite	(CM 18, 185-190) [TL : Tanco pegmatite, Bernic Lake, MN]
Tangeite	(MR 15, 89 former <i>calciovolborthite</i>)[Menzies Bay, Vancouver Island, BC]

Tantalite-(Fe)	(OGSOF 6022)[Separation Rapids, ON]; (OGSOF 6000)[Red Lake, ON]; (former “ferrotantalite” - Burke 2008)
Tantalite-(Mn)	(CM 11, 609)[Tanco m., MN] (former “manganotantalite”); (CM 50, 1839)[Red Cross Lake, MN]; (CM 50, 1775)[Silverleaf pegm., MN]; (CM 52, 129)[Mount Begbie, BC]; (CM 40, 753)[Separation Lake, ON]
Tanteuxenite-(Y)	(T.S. Ercit - Rochester Symposium 2002)[unspecified locality]; (Pe-Piper <i>et al.</i> 2015)[West Moose River Pluton, NS]
Tapiolite ser.	(<i>ferrotapiolite</i> = Tapiolite-(Fe) & <i>manganotapiolite</i> ” = tapiolite-(Mn) Burke 2008)
Tapiolite-(Fe)	(CM 28, 133)[Redout Lake pegm., NT]; (AM 94, 439)[Tanco pegm., MN]; (EMG 10(1/2), 85)[Pickle Lake, ON]; (CM 36, 637)[Separation Rapids, ON]
Taramellite	(CM 11, 444)[Gun Claim, near Gillespie Lake, YU]
Taramite	(T83)[York River, Bancroft, ON]
Tarbuttite	(T83)[Jubilee Mtn, Ymir, BC]
Tarkianite	(CM 42, 540)[Coldwell complex, ON]
Teallite	(CMN collection: CMNMC 55804)[Dome m., Timmins, Tisdale Tp., Cochrane Dist., ON]
Telargpalite	(Liferovich & Mitchell pers. comm. 2005) [Coldwell complex, ON]; (CM 53, 845)[Marathon deposit, QC]
Tellurantimony	(CM 12, 55-60) [Mattagami mine, Matagami, Nord-du-Québec, QC]
Tellurite	(T83)[Gold Hill, YU]; (CM 21, 137)[Ashley mine, Matachewan, ON]
Tellurium	(AM 39, 527)[Pitman, BC]; (T83)[Jewel Lake & Texada Island, both BC; Timagami Lake, ON]
Tellurobismuthite	(T83 <i>tellurbismuth</i>)[BC: 6; NT: 2; ON: 3; QC: 6; YU: 1 localities]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (CM 21, 137)[Ashley mine, Matachewan, ON];]; (Roberts 2017)[Deer Horn deposit, BC]
Tellurohauchecornite	(MM 43, 877-878) [TL : Strathcona mine, Levack Twp., Sudbury District, ON]
Telluropalladinite	(BCMEM Geofile 2002-2)[Allendale, BC]; (LeFort12)[Garson m., Sudbury, ON]; (GAC/MAC2015; MD14A-0259)[Black Thor complex, Kenora Dist., ON]; (Mindat; Musa Karkus 2010)[Black Label Cr deposit, ON]
Temagamite	(CM 12, 193-198) [TL : Temagami mine, Lake Temagami, Phyllis Twp., Nipissing District, ON]; (CM 28, 409)[Blue Lake, QC]; (CM 42, 485)[Katiniq deposit, QC]; (CM 42, 485)[Raglan m., QC]; (EC 81, 1272)[Dolmac m., ON]; (CM 42, 667)[McBratney prospect, MN]
Tengerite-(Y)	(AM 20, 728; MR 3, 69; was "tengerite?) [Evans Lou, QC]
Tennantite	(T83)[20 localities]; (Harris89)[Hemlo deposit, ON]; (MR 21, 284) [MSH, QC]; (NBMOD)[Heath Steele m., NB]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 22, 493)[Izok Lake, NU]; (CM 54, 1307)[Lemarchant deposit, NL]
Tenorite	(T83)[Copper Creek & Kaslo, BC]; (GSCM 330, 77)[Shaler Mtns, Victoria Island, NT]; (GSCP 66-51)[Murdochville, QC]; (GSCP 77-32, 46)[Whitehorse area, YU]; (RVD NS Minerals)[Cape d’Or, NS]
Tephroite	(MINDAT)[Evelyn Creek, YU]

Terskite	(MR 21, 342)[Mont St-Hilaire, QC]; (MR 29, 108)[St-Amable sill, QC]
<i>Testibiopalladite</i> [?]	[species status?];(CM 33, 665; CM 40, 651)[Wellgreen deposit, YU]; (CM 49, 127)[Thompson m., MN]; (EG 81, 1147)[Donaldson West deposit, QC]
Tetra-auricupride	(CM 35, 573)[Kerr mine, ON]; (CM 53, 845[Marathon deposit, QC]
Tetradymite	(T83)[35+ localities]; (GSCP 71-27[Flin Flon m., MN]; (GSCMR 77, 78)[Corbet m., QC]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT];]; (Roberts 2017)[Deer Horn deposit, BC]
Tetraferriannite	(CM 35, 53)[Napoleon Bay, Baffin Island, NU]
Tetraferriphlogopite	(CM 49, 491)[Lac de Gras, NT]; (Lithos 76, 491)[Torngat dikes, Ungava, QC]
Tetraferroplatinum	(CM 28, 503) [Hall Chrome pit, Thetford Mines, QC]; (CM 28, 503)[Tulameen R., BC]; (CM 53, 845[Marathon deposit, QC]
Tetrahedrite	(T83)[110+ localities]; (NBMOD)[Heath Steele m., NB]; (Harris89)[Hemlo deposit, ON]; (MR 21, 284) [MSH, QC]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 22, 493)[Izok Lake, NU]; (AM 38, 506)[Giant Yellowknife m., NT]; (UTSGS 46, 25)[Montgay (Otis), QC] ; (Girard71)[Madeleine Cu-mine, QC]; (CM 54, 1307)[Lemarchant deposit, NL]
Tetrataenite	(MPS 38, 157)[Benton meteorite, Benton, NB]
Thalcosite	(MR 21, 342) [Mont St-Hilaire, QC]
Thalenite	(GSC 067407 specimen) [Pickens mine, ON]
Thaumasite	(RSCT S312, 197)[Corporation q., Montreal, QC]; (GSC MP70, 393)[Mapledoram Twp., ON]; (MR 21, 342)[MSH, QC]; (MR 37, 5)[FQM, QC]; (author's data)[Autoroute 50 #2, Grenville, QC]; (RVD NS Minerals)[Cape d'Or, NS]
Thénardite	(T83); (MR 21, 284) [MSH, QC]; (Shang 2000)[N. Ingebright Lake, SK]
Theophrastite	(MR 44, 375)[Jeffrey m., Asbestos, QC, QC]
Thermonatrite	(MR 21, 342) [Mont St-Hilaire, QC]; (CJSS 73, 399)[2 evaporite localities in Alberta]
Thomasclarkite-(Y)	(CM 36, 1293-1300) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Thomsenolite	(MR 29, 83) [St-Amable sill, QC]
Thomsonite-(Ca)	(T83 <i>thomsonite</i> ; All analyzed Canadian thomsonites are thomsonite-Ca); (T83)[30+ localities]; (MR 10, 69)[JAM, QC]; (RVD NS Minerals)[Cape d'Or, NS]
Thorbastnäsite	(MR 37, 5)[FQM, QC]; (RMI 24, 140)[MSH, QC]; (MUK87)[ACC, BC]
Thorianite	(T83)[12+ localities]; (MUK87)[ACC, BC] (MUK87)[ACC, BC]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]
Thorite	(T83)[~160 localities]; (EG 99, 1177)[KWY, QC]; (CM 50, 1775)[Shatford Lake,MN]; (GAC/MAC2015; abstract MD34A-0198)[Clay Howells intrusion, ON]; (OGR 64, 642)[Aley carbonatite, BC];
Thornasite	(CM 25, 181-183) [TL: Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (MR 29, 109)[St-Amable sill, QC]
<i>Thorogummite</i>	(discredited 2014 = thorite)

Thortveitite	(MM 60, 403; CMP 150, 212) [Deadhorse Creek, ON]
Tiemannite	(EG 92, 468; CM 29, 411)[Nicholson #2 mine, & Fish Hook Bay, Lake Athabasca, SK]
Tin	(AM 39, 529)[Nesbitt Labine U. mine, Beaverlodge area, SK]; (CM 49, 1627)[Creighton & Coleman mines, Sudbury, ON]; (GSCMR 58, 160)[Hope Brooke m., NL]
Tintinaite	(CM 9, 371-382) [TL1 : Tintina mine, Watson, YU; TL2 : Deer Park mine, Rossland, BC]
Titanite	(T83)[~60 localities]; (Mindat)[~320 localities]; (MR 21, 284) [MSH, QC]; (CM 50, 1839)[Red Cross Lake, MN]; (RM 85, 494)[SPB, QC]; (MR 3, 69)[ELU, QC]; (CM 50, 1775)[Shatford Lake, MN]; (OGR 67, 314)[Montviel complex, QC]; (OGR 64, 642)[Aley carbonatite, BC];
Titanowodginite	(CM 30, 597-631) [TL : Tanco pegmatite, Bernic Lake, MN]; (CM 40, 753)[Separation Lake, ON]
Titantaramellite	(AM 69, 358-373) [TL3* : Gun claim, Wilson Lake (Pelly & Ross Rivers headwaters), Itsy Mountain, YU>(* 1 of 3 TLs)]
Tobermorite	(CMN & Horváth collections) [Mine Lac d'Amiante, Joseph-de-Coleraine, QC]
Tochilinite	(T83)[Golden Lake, ON; Maxwell & Cross quarries, Wakefield, QC; Dumont Nickel, Amos, QC] (MW 2009/1, 76) [JMA, QC]
Todorokite	(MR 29, 83)[Saint-Amable sill, QC]; (LH unpublished)[MSH]
Tolovkite	(CM 28, 503)[Tulameen River, BC]
Tomichite	(Harris 1989; CM 30, 153)[Hemlo deposit, ON]
Tooeleite	(CM 47, 533)[Meguma Terrane, NS]
Topaz	(T83)[AB: 1, BC: 1; MN: 4, NB: 2; NL: 1; ON: 1; QC: 2; YU: 1]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 52, 129)[Mount Begbie, BC]; (CM 40, 753)[Separation Lake, ON]; (Sabina 2015, PG 97) [Reeves farm occurrence, New Ross, NS]
Torbernite	(GSC EG 16, 59)[Hottah Lake, NT]; (OGS MP70, 407)[Wilberforce, ON]; (MINDAT)[New Ross, NS]; (Sabina 2015, PG 97) [Millet Brook occurrence, NS]
Törnroosite	(CM 53, 845)[Marathon deposit, ON]
Trembathite	(CM 30, 1195-1201) [TL : Salt Spring deposit, Sussex, NB]
Tremolite	(T83); (RM 85, 494)[SPB, QC]; (MR 25, 339)[ORF, QC]; (MR 21, 284)[MSH, QC]
Tourmaline group	(MINDAT lists 393 localities with unclassified Tourmaline group members.
Tridymite	(CM 9, 572)[Dunbrack deposit, NS]
Trilithionite	(CM 41, 139) [Mount Begbie, BC]; (CM 47, 337)[Moblan Lake, QC]; (CM 50, 1839)[Red Cross Lake, MN]
Triphylite	(CM 28, 133)[Redout Lake pegm., NT]; (EG 90, 658)[Buck claim, MN]; (MINDAT)[TAP]; (NS Mineral occurrence database)[New Ross, NS]; (Sabina 2015, PG 97) [East Keptville m., NS]
Triplite	(CM 26, 925)[East Keptville Tin mine, NS]; (CM 52, 129)[Mount Begbie, BC]

Tripliodite	(CM 36, 367)[Gottcha claim, Cross Lake, MN]; (CM 41, 139)[Little Nahani pegmatite field, NT]
Tripuyite	(CMN collections: CMNOC 297)[Hector m., Elsa, Keno Hill, YU]
Tritomite-(Ce)	(CM 12, 66)[Faraday m., ON]
Tritomite-(Y)	(CM 6, 576-581; CM 25, 353-377) [TL: Prospect pit, Lot 7, Conc. XX, Cardiff Twp., Haliburton Co., ON] (former <i>spenceite</i> = tritomite)
Trögerite	(MINDAT no ref.)[Silvana mine, Sandon, BC]
Troilite	(G&C 46, 2083; EG 95, 889)[Voisey's Bay, NL]
Trona	(MR 21, 343)[Mont St-Hilaire, QC]; (CJSS 73, 399)[1 unnamed evaporite locality in Alberta]
Tschermakite	(CMN coll: CMNMC 44077)[?]; (CM 37, 1405)[Agassiz m., MN]; (CM 35, 805)[Campbell m., Balmertown, ON]
Tsepinite-Na	(Mnews 35(2001), 5)[Mont St-Hilaire, QC]
Tsumoite	(CM 49, 1627)[Creighton m., Sudbury, ON]; (LeFort12)[Garson m., Sudbury, ON]; (GSCOF1787)[Victor Deep m., Sudbury, ON]; (Roberts 2017)[Deer Horn deposit, BC]
Tugtupite	(MR 21, 343) [Mont St-Hilaire, QC]; (O. Langelier, MINDAT)[Cabonga reservoir, QC]
Tulameenite	(CM 12, 21-25) [TL1 & TL2: Tulameen & Similkameen River placers, near Princeton, BC]; (CM 53, 845)[Marathon deposit, QC]
Tumchaite	(Mnews 34(2000) 5, 5)[Mont St-Hilaire, QC]
Tundrite-(Ce)	(MR 10, 99; MR 21, 343)[Mont St-Hilaire, QC]
Tungstenite	(GSC P 76-1A, 311)[Kidd Creek m., ON]; (tungstenite-2 <i>H</i> polytype Excalibur Minerals)[Chase Creek, BC]
Tungstite	(T83)[Kootenay Belle m., Salmo, BC; Moose River & Emerald, NS; Marlow Twp., QC]; (GSCEGS 17, 202)[Victoria Cove, NL]; (UTSGS 46, 147)[Snowshoe Plateau, Cariboo Dist., BC]
Tungusite	(GSCMR 49, 128)[Sudbury area, ON]
Tuperssuatsiaite	(RM 70, 90)[MSH, QC]; (MR 29, 83) [STA, QC]
Turgite	(BC Geol Surv. cm.gov.bc.ca/cf/minfile)[Sally m., Beaverdell, BC]
Turkestanite	(Micronews 46(3), 22)[Mont Saint-Hilaire, QC]
Tvalchrelidzeite	(Harris 1989)[Hemlo deposit, ON]
Twinnite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]; (Harris89)[Hemlo, ON]; (MD 42, 627)[Montauban deposit, QC]
Tychite	(Shang 2000)[N. Ingebright Lake, SK]
Tyretskite	(CM 40, 1675)[Penobsquis, NB]
Tyrrellite	(AM 37, 542-544) [TL1: Eagle claims, Goldfields District, SK; TL2: Ato Bay, Beaverkodge Lake, SK]
Tyuyamunite	(GSCB 31, 42)[Beaverlodge Lake, SK]
Uedaite-(Ce)	(ZRMO 2010, 15; GOD 52, 725) [Mont St-Hilaire, QC]
Ulexite	(CM 13, 370)[Flat Bay Q., NL; Milford Station, NS]; (T83)[Dingwall, NS; Windsor area, NS; Newport Station, NS]
Ullmannite	(CM11, 185)[Dee Horn & Silverfields mines, ON]; (T83)[Silver Bar m., Kerr Addison m., Sewel Twp., ON; Nicholson m. SK]; (EG 52, 400) [Giant Yellowknife, NT]

Ulvöspinel	(CM 18, 241)[Somerset Island, NU]; (CMP 56, 157)[Peuyuk kimberlite, Somerset Island, NU]; (JP 52, 2147)[MSH, QC]
Umangite	(T83)[Baker Lake, NT; Horne m., QC; Goldfields camp; Hal Lake; Lodge Bay, Lake Athabasca; Beaverlodge Lake, all SK]; (GAC/MAC2015; abstract MD44A-0229)[Sagar prop., Labrador Through, QC]
Ungavaite	(MM 69, 89-98) [TL: Mesamax Northwest deposit, Ungava, Nunavik, Nord-du-Québec, QC]
Uraninite	(T83)[AB: 4, BC: 20, MN: 2, NB: 2, NL: 3, NT: 18, ON: 106, QC: 28, SK: 118, YU: 3; 304 localities]; (EG 99, 1177)[KWY, QC]; (MR 3, 69)[ELU, QC]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 25, 185)[Otish Mountain U deposit, QC]; (CM 52, 857)[Shatford Lake, MN]; (Sabina 2015, PG 97) [Reeves farm occurrence, New Ross, NS]; (author's data)[Mine Lac d'Amiante, St-Joseph-de-Coleraine, QC]
<i>Uranmicrolite</i>	(= microlite grp. or kenoplumbomicrolite? CM 48, 673)
Uranophane	(T83 uranophane + β -uranophane)[17 localities + Madawaska m., ON]; (CM 50, 693)[Centennial deposit, SK]; (ET 2012-01)[Lac Manitou, QC]; (CM 13, 198)[Zimmer Lake, SK]; (MR 3, 69)[ELU, QC]; (CM 25, 185)[Otish Mountain U deposit, QC]; (CM 52, 129)[Mount Begbie, BC]; (Stern 1991)[Rabbit Lake, SK]; (author's data)[Mine Lac d'Amiante, St-Joseph-de-Coleraine, QC]
Uranophane-beta	[β -uranophane](T83)[Madawaska m., ON]; (AM 56, 395)[ELU, QC]
Uranopilite	(USGS 1064, 139)[Great Bear Lake, NT]; (AM 37, 409)[Goldfields, SK]
Uranospinite	(GSCP 5702, 15)[York Mill, NB]
<i>Uranpyrochlore</i>	(= pyrochlore supergroup CM 48, 673)[the status of former <i>uranpyrochlore</i> from Canadian localities is uncertain]
Ussingite	(MR 21, 343)[MSH, QC]; (Micronews 44(4), 23)[STA, QC]; (GSC database)[Seal Lake, NL]
Uvarovite	(CM 27, 565)[Hemlo. ON]; (MR 44, 375)[Jeffrey mine, Asbestos, QC]; (GSCOF 2015)[Sterrett m., QC]; (CM 16,205)[Ham Sud, QC; Upper Arrow Lake, BC]
Uvite (OH-dominant)	[uvite redefined into Fluor-uvite & Uvite (OH-dominant) (CM 36, 433)[Cross Lake, MN]
Vaesite	(Mindat)[Kidd Creek m. Timmins, ON]; (CM 22, 13)[Thiery m., ON]
Valentinite	(MR 18, 363)[Lac Nicolet, QC]; (MR 22, 267)[Lake George, NB]; (T83)[Moreton's Harbour, NL; West Gore, NS; Card Lake m., ON]; (MINDAT)[Beaver Brook m., Glenwood, NL]
Valleriite	(AM 50, 682)[Muskox intrusion, NT]; (GSCOF1787)[Strathcona m., Sudbury, ON]; (T83)[Marbridge m., QC; Whitehorse Copper Belt, YU]; (CM 22, 493)[Izok Lake, NU]
Vanadinite	(CMN collections: CMNMC 39767)[unspecified locality, BC]; (GSCP 75-1A, 261)[Dumont m., Amos QC]
Vandendriesscheite	(USGS Bull. 1064, 86)[Great Bear Lake, NT]; (ENVG 40, 495)[Rabbit Lake, SK]
Varennesite	(CM 33, 1073-1081) [TL: Demix quarry, Saint-Amable & Varennes, Lejammerrais RCM, Montérégie, QC]

Variscite	(CM 25, 221)[Fort Norman, NT]; (CMN collections: CMNMC 31885) [Emerald Lake Sceptre Claims, Rogue Range, Hess Mts., YU]
Varulite	(CM 20, 177)[Rapid Creek, YU]
Vasilite	(CM 48, 589)[Burwash Creek, Kluane, YU]; (CM 53, 845)[Marathon deposit, QC]
Vaterite	(RM 70, 90)[Mont St-Hilaire, QC]
Vaughanite	(MM 53, 79-83) [TL: Golden Giant m., Hemlo deposit, Bomby Twp., ON]
Vauxite	(Mindat/Icarus 224, 382)[Golden deposit, NT]
Veatchite	(CM 40, 1572; CM 43, 1459-1487) [Penobsquis, NB]
Veblenite	(MM 77, 2955-2974; IMA 2010-050)[TL: Mann 2 (Ten Mile Lake), Seal Lake area, NL]
Veenite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Vermiculite	(status of T83 <i>vermiculites</i> are uncertain); (author's s data) [MSH, QC]
Vésigniéite	(GSCP 68-74, 9)[Kelley Cross, PE]
Vesuvianite	(T83)[BC: 5, NB: 1, NT:4, ON: 7, QC: 21, YU: 1 localities]; (MR 21, 284)[MSH, QC]; (MR 10, 69)[JMA, QC]
Vigezzite	(MINDAT)[Quadeville, ON]
Viitaniemiite	(CM 21, 499; MR 37, 47)[Francon quarry, Montreal, QC]
Villiaumite	(MR 10, 99, MR 21, 345)[MSH, QC]; (MR 29, 111)[STA, QC]; (Möller2016)[Thor lake, NT]
Vincentite	[[IMA approved but not fully defined species]] (CM 53, 845)[Marathon deposit, QC]
Vinciennite	(CM 25, 227)[Maggie m., Cache Creek, BC]; (Mindat)[Kidd Creek m., ON]
Vinogradovite	(MR 21, 345)[MSH]; (GSC database)[Seal Lake, NL]
Violarite	(AJS 137, 372; T83) [TL1: Vermilion mine, Denison Township, Sudbury, ON]; (CM 17, 351)[Dundonald deposit, ON]; (LeFort12)[Garson m., Sudbury, ON]; (T83)
Vishnevite	(MM 81, 1261)[Cinder Lake, MN]
Vitusite-(Ce)	(MR 18, 364; MR 21, 345) [Mont Saint-Hilaire, QC]
Vivianite	(CM 14, 127; MR 23, 4)[Rapid Creek & Big Fish River, YU]; (T83)[Pembina River, MN; St. John River, NB; Antigonish, NS; Toronto, ON; Hatley Twp., Vaudreuil, Deschailions all QC; Forty Mile River & Porcupine River, YU]; (NSNDR database)[East Keptville Tin mine, NS];
Vlasovite	(CM 12, 211) Kipawa complex, Villedieux Twp., QC]; (Möller2016)[Thor Lake, NT]
Voggitte	(CM 28, 155-159) [TL: Francon quarry, Montréal, QC]
Volborthite	(AM 45, 1307)[Quadra Island & Chalco mine, Nanaimo, BC]
Volkovskite (redefined)	(CM 28, 351-356) [NTL2: Salt Spring deposit, Sussex, NB]
Voloshinite	(CM 47, 337)[Moblan pegmatite, Nord du Quebec, QC]
Voltaite	(GSCMR 49, 58)[Batchewana Bay, ON]
Volynskite	(CM 21, 137)[Ashley m., Matachewan, ON] (BCGS database)[Snip m., Iskut River, BC]; (CM 28, 189)[Trout Lake deposit, MN]; (CM 49,

Vonsenite	1505)[Voisey's Bay deposit, NL]; (GSCOF1787)[Copper Cliff & Little Stobie mines, Sudbury, ON];];
Vuonnemite	(Roberts 2017)[Deer Horn deposit, BC] (Abstract - GAC/MAC Whitehorse 2016 SS14)[Mindy prospect, YU]
Vysotskite	(MR 21, 346)[Mont St-Hilaire, QC]; (MR 29, 112)[St-Amable sill, QC] (CM 17, 453)[Lac des Iles complex, ON]; (CM 45, 775)[Mechanic Settlement, NB]; (CM 53, 845)[Marathon deposit, QC]
Vyuntspakhite-(Y)	(CM 18, 365; MR 18, 365)[Evans Lou pegmatite, QC]
Wadeite	(RM 70, 90)[Mont Saint-Hilaire, QC]; (RRUFF database/D. Doell Jr.)[Penobsquis, NB]
Wadsleyite	(CM 21, 29-35)[TL: Peace River meteorite, Peace River, AL]
Wagnerite	(CM 30 1161)[Star Lake, MN]; (RMI 24(3), 146)[Mont St-Hilaire, QC]
Wairakite	(GEV86)[Oka, QC]; (AG 38, 11)[Cape d'Or, NS]; (ZoW, 50)[Buttle Lake, BC]
Wairauite	(CJES 2, 188)[MuskoX intrusion, NT]
Wakefieldite-(Ce)	(NJbM 1995, 127)[Monte Lake, BC]; (RRUFF database)[North Keremeous, BC]
Wakefieldite-(Y)	(CM 10, 136; AM 56, 395-410) [TL: Evas-Lou m., Val des Monts, QC] (former <i>wakefieldite</i>)
Walkerite	(CM 40, 1675-1685; CM 43, 1459-1487) [TL: Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
Wallkilldellite-(Fe)	(Midat/R. Mielke)[Nipissing 404 m., Cobalt area, ON]
Walstromite	(RRUFF anal. Specimen)[Gun claim, Wilson Lake, Itsi Range, YT]
Wardite	(CM 14, 127; MR 23, 31) [Rapid Creek & Big Fish River, YU]
Warwickite	(GSCP 77-1A, 339)[Bancroft, ON]
Watkinsonite	(CM 25, 625-638) [TL: Otish Mountains U deposit, Nord-du-Québec, QC]
Wattevilleite	(Shang 2000)[N. Ingebright Lake, SK]
Waylandite	(OGSOFR5420, 24)[Martison carbonatite, ON]
Weddellite	(OGS MP70, 427)) [Moore Lake, ON]; (GSC unpublished)[Hudson Bay area, NT]
Weilite	(Percival2007)[Cobalt area tailings, ON]
Weloganite	(CM 9, 468-477)[TL: Francon quarry, Montréal, QC]; (MR 21, 346)[MSH, QC]; (MR 21, 346)[LME, QC]; (CM 37, 1239)[Eden Lake, MN]; (H&H2017)[Demix quarry, Saint-Amable-Varennes, QC]
Westerweldite	(CM 12, 137)[Birchtree mine, Thompson, MN]
Whiteite-(CaFeMg)	(MR 23, 31)[Rapid Creek, YU]
Whitlockite	(MR 23, 34)[Rapid Creek & Big Fish River, YU]; (MR 32, 416)[Tanco m., MN]; (GSC database)[Seal Lake, NL]; (Mindat)[Springwater meteorite, SK]
Wickmanite	(Royal Ontario museum collection)[Tanco m., MN]
Wicksite	(CM 19, 377-380) [TL: Big Fish River, YU]
Wilkmanite	(GAC/MAC2015; abstract MD44A-0229)[Sagar prop., Labrador Through, QC]
Willemite	(CM 9, 109) [MSH, QC]; (CM 34, 349)[Strange Lake, NL & QC]
Wiluite	(AM 84, 1466)[Templeton, QC]
Winchite	(CM 28, 855) [Pinchi Lake, BC]

Witherite	(T83)[Liard River, BC; Nepean Twp. ON; Porcupine m., ON]; (CM 11, 444)[Gillespie Lake, YU]; (MM 65, 133)[Lac de Gras, NT]; (OGR 67, 314)[Montviel complex, QC]; (CM 52, 401)[Gun claim, Wilson Lake, Yukon]
Wittichenite	(AM 35, 455)[Rainy Hollow, dist., BC; Rabbit Foot claim, YU]; (CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 11, 207)[O'Brian m., Cobalt, ON]; (CM 25, 624)[Otish Mtn., QC]; (Sabina 2015, PG 97) [Reeves farm occurrence, New Ross, NS]
Wodginite	(CM 7, 390-402) [TL2 : Tanco mine, Bernic Lake, MN]; (CM 50, 1839)[Red Cross Lake, MN]; [Little Nahani pegmatite field, NT]
Wöhlerite	(CM 9, 109; MR 21, 346)[MSH, QC]; (CM 27, 709)[Prairie Lake, ON; Oka, QC]; (TRSC s3, 17, 13)[Mont Royal, Montreal, QC]; (CM 28, 251)[McGerrigle compl., QC]
Wolfeite	(MR 23, 4)[Big Fish River, YU]
Wolframite ser.	(T83 wolframite = ferberite and hübnerite) [see these species above]
Wollastonite	(T83)[24 localities]; (MR 21, 284) [MSH, QC]; (MR 10, 69)[JMA, QC]
Wölsendorfite	(AM 42, 919) [Port Radium, Great Bear Lake, NT]; (Mindat: R. Gunther) [Martel Lake U deposit, NU]; (ENVG 40, 495)[Rabbit Lake, SK]
Woodhouseite	(GSC 66-51(19676, 118) [Brunswick No. 6 mine, NB]; (OGSOFR5420, 24)[Martison carbonatite, ON]; (CM 54, 1205)[Centennial U deposit, SK]
Woodruffite	(T83)[Willett m., Laedeau, BC]; (MR 29, 83)[St-Amable, QC]
Woodwardite	(R. Van Dommelen p.c.)[Dunbrack m., NS]
Wopmayite	(CM 51, 93-106)[TL : Tanco pegmatite, Bernic Lake, MN]
Wroewolfite	(Mnews 37(4), 3)[Dunbrack m., NS]
Wulfenite	(MR 21, 346)[MSH, QC]; (MR 29, 83)[STA, QC], (T83)[Society Girl m., BC, Moly Hill, QC; Rabbit Lake, SK]; (CM 15, 121)[Mount Pleasant m., NB]; (NSDRR 1996)[Dunbrack m., NS]; (EG 95, 183)[Endako m., BC]; (GSCMR 41)[Chaput-Paynes m., QC]
Wurtzite	(GSCP 75-36, 113)[Little Bay m., NL]; (AM 35, 455)[Fairview m., BC];(CM 9, 109; CM 36, 775)[wurtzite-2H, -4H & -8H polytypes; MSH, QC]
Xanthoconite	(OGSCMP70, 430)[Keeley m., South Lorrain Twp., O'Brien m., Colman Twp., Trettheway m., Haultain Twp., Castle m., Nicol Twp. ON](CM 11, 213)[Christopher m., Cobalt, ON]; (UTSGS 17(1924), 11)[LaRose m., Cobalt, ON]
Xanthoxenite	(R. Mielke p.c. 2017)[Rapid Creek, YU]
Xenotime-(Y)	(T83)(xenotime = xenotime-(Y); localities MN: 1, NB: 2, NT: 1, ON: 7, QC: 6); (ET 2012-01)[Lac Manitou, QC]; (CM 50, 1839)[Red Cross Lake, MN]; (RM 85, 494)[SPB, QC]; (EG 99, 1177)[KWY, QC]; (MR 21, 284)[MSH, QC];(CM 15, 121)[Mt. Pleasant Tin m., NB]; (CM 25, 185)[Otish Mountain U deposit, QC]; (OGR 67, 314)[Montviel complex, QC]; (CM 52, 129)[Mount Begbie, BC]; (Möller2016)[Thor lake, NT]; (OGR 86(2017), 784.)[Eldor carbonatite, QC]; (CM 40, 753)[Separation Lake, ON]
Xenotime-(Yb)	(CM 37, 1303-1306) [TL : Lac du Bonnet batholith, Township 16, Range 15 EPM, MN]

Xonotlite	(AM 39, 531)[Bay of Islands, NL]; (OGS MP70)[Prince Bay, ON]; (T83)[Cross q., Wakefield, QC]; (MR 10, 69)[JAM, QC];
Yangzhumingite	(OGR 86(2017), 784.)(Eldor carbonatite, QC)
Yarrowite	(CM 18, 511-518) [TL : Spionkop Creek deposit, Spionkop Creek and Yarrow Creek area, AL]; (CM 19, 341)[Dianne Cu-U claim, Mazerod Lake, NT]; (GSCMR 49, 49)[Bruce Mines, Algoma Dist., ON]; (Sabina (2015) PG 97)[Johnson, Oliver Cameron, Annidale & Jordan Mountain mines, NB]; (Sabina (2015) PG 97)[Cap d'Or, Swan Creek and Walker Moly prospect, NS]; (Sabina (1991) MR 49)[Taylor & Port Arthur mines, ON]
Yecoraite	(Liferovich & Mitchell pers. comm. 2005)[Coldwell complex, Marathon, ON]
Yingjangite	(RRUFF R070740) [Kamaka bar, Fraser River, BC]
Yofortierite	(CM 13, 68-74)[TL : Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; (MR 29, 83)[St-Amable, QC]
Ytropyrochlore-(Y)	(no species status; = oxyttropyrochlore-(Y) CM 48, 673)
Yttrialite-(Y)?	(Sheard2010)[Thor Lake, NT]; (EG 107, 81; mineral not reported)
Yttrotantalite-(Y)	(CM 38, 685)[Annie claim #3, MN]; (MINDAT)[Purdy Mine, ON]
Yugawaralite	(HBM II, 890; ZoW) [Yellow Lake, BC]
Yukonite	(TRSC 7(4), 13-18) [TL : Daulton mine, Tagish Lake, BC]; (GSCMR 50, 41)[Venus m., BC]; (CM 47, 533) [Caribou Dist., NS]; (RMG 79, xx); [Giant Yellowknife m., NT]
Zabuyelite	(CM 39, 1513) [Tanco pegmatite, MN]
Zaïrite	(Mindat; R. Van Dommelen)[Mpount Pleasant Tin mine, NB]
Zajacite-(Ce)	[discredited and redefined as gagarinite-(Ce)]
Zakharovite	(MR 29, 83)[St-Amable, QC]; (RMI 2000(3), 181)[Mont St-Hilaire, QC]
Zavaritskite	(AM 56, 395) [Evans Lou mine, QC]
Zemkorite	(Shang 2000)[N. Ingebright Lake, SK]
Zeophyllite	(MR 21, 347) [Mont St-Hilaire, QC]
Zeunerite	(GSCM 307, 72)[Ruby Creek, Atlin area, BC]
Zinc	(CM 6, 692)[Keno Hill, YU]
Zincocopiapite	(MR 21, 533) [Nanisivik, NU]
Zinkenite	(CM 9, 212)[Madoc, ON]; (AM 38, 516)[Yellowknife Bay, NT]; (T83)[Bonanza Creek, Tyaughton Lake, BC]; (CdE 55, 307)[Eskay Creek m., BC]; (HBM I,)[Yellowknife Bay, NT]
Zinnwaldite	(AM 38, 35)[Bear pegmatites, Point du Bois, MN]; (Sabina 2015, PG 97) [Reeves farm occurrence, New Ross, NS]
Zippeite	(AM 37, 927)[Great Bear Lake, NT]; (T83)[Stanrock m., ON; Nicolson Bay, Lake Athabaska, SK; Nesbitt-LaBine m., Beaverlodge Lake, SK]
Zircon	(T83)[84 localities]; (MR 21, 284)[MSH, QC]; (CM 34, 345)[KIP, QC]; (CM 49, 1505)[Voisey's Bay deposit, NL]; (CM 50, 1839)[Red Cross Lake, MN]; (CM 50, 1775)[Silverleaf pegm., MN]; (RM 85, 494)[SPB, QC]; (GEC86)[Oka & St-André, QC]; (CM 25, 185)[Otish Mountain U deposit, QC]; (OGSOF5420, 24)[Martison carbonatite, ON]; (R&M 88, 420)[Girardville, QC]; (CM 52, 857)[Shatford Lake, MN]; (OGR 67, 314)[Montviel complex, QC]

Zirconolite	(CM 27, 709)[Prairie Lake, ON]; (CJES 30, 135)[Coldwell complex, ON]; (CM 42, 1159)[Oka, QC]
Zircophyllite	(Piilonen 2001 Ph.D. thesis) [Mont St-Hilaire, QC]
Zirkelite	(MUK87)[Aley Creek, BC]; (R. Liferovich data)[Prairie Lake ON]; (USGSOF 09-1139)[Nemegosenda Lake, ON]; (OGSOFR5420, 24)[Martison carbonatite, ON]; (OGR 67, 314)[Montviel complex, QC]
Zirsilite-(Ce)	(CM 44, 105)[Mont St-Hilaire, QC]; (Möller2016)[Thor lake, NT]
Zoisite	[numerous localities not specifically identified as zoisite]; (MR 10, 69)[JAM, QC]; (GSCP 72-32, 46)[Little Chief Mine, YU]; (Mindat)[Bell & Union mines, Thetford Mines, QC; Mine Lac d'Amiante, Joseph-de-Coleraine, QC]
Zoltaiite	(AM 90, 1655-1660) [TL : Wigwam deposit, Revelstoke, BC]
Zoubekite	(RM 79(2), 94)[Red Lake m., Balmertown, ON]
Zunyite	(USGSOF 05-1060, 2005)[Hushamu Cu-Au deposit, Vancouver Island, BC]
Zvyagintsevite	(CM 30, 121)[Coldwell complex, ON]; (CM 53, 845)[Marathon deposit, QC]
Zwieselite	(CM 52, 129)[Mount Begbie, BC]

Unnamed minerals reported from Canadian localities:

The unnamed minerals, grouped alphabetically by locality, have been extracted from the list published by the IMA subcommittee for valid unnamed minerals (Smith & Nickel 2007), with updates to the end of 2011 (the last IMA update). In the future, only coded minerals, appearing in the official IMA valid unnamed minerals list will be included in the catalogue.

IMA code	Formula	Locality	References
UM1990-03-As:NiPdSb	$\text{Pd}_{1.35}\text{Ni}_{0.56}\text{As}_{0.87}\text{Sb}_{0.13}$	Coldwell complex, ON	CM 28, 489
UM1990-75-Te:Ag	Ag_3Te_2	Coldwell complex, ON	CM 28, 489; ZVMO 131(5), 40
UM2001-04-R:AgAuCu	$\text{Au}_3(\text{Ag},\text{Cu})$	Dease Lake, BC	CM 39, 889
UM2001-05-E: AuCu	Au_2Cu	Dease Lake, BC	CM 39, 889
UM1964-01-CO:HZn	$\text{Zn}_5(\text{CO}_3)_2(\text{OH})_6 \cdot \text{H}_2\text{O}$	Dorchester Cu m. NB	CM 8, 92
UM1989-31-SiO:AlCaCeHLaV	$\text{Ca}(\text{Ce},\text{La})\text{Fe}^{2+}\text{Fe}^{3+}\text{Al}(\text{Si}_2\text{O}_7)(\text{SiO}_4)\text{O}(\text{OH})$	Faraday Township, ON	CM 31, 159; CM 40, 1411
UM2004-54-Te:NiPdSb	$(\text{Pd},\text{Ni})_2(\text{Te},\text{Sb})_3$	Flin Flon, MN	CM 42, 667
UM1989-19-S:AsCuHgSbTZn	$(\text{Cu},\text{Zn})\text{TIHg}_2(\text{Sb},\text{As})_2\text{S}_6$	Hemlo deposit, ON	GSCEC Rep. 39; AM 75, 935[<i>Sb routhierite</i>]
UM1992-34-SiO:AlCaFeMgV	$\text{Ca}_8(\text{V},\text{Mg},\text{Fe})_4(\text{V},\text{Al})_8\text{Si}_{12}\text{O}_{46-56}(\text{OH})_{0-10}$	Hemlo deposit, ON	CM 30, 153
UM1978-10-O:U	$\alpha\text{-U}_3\text{O}_7$	Key Lake, SK	AM 63, 1284; AM 73, 444
UM1992-01;AsS:PtRh	$(\text{Rh},\text{Pt})(\text{As},\text{S})_2$	Kirkland Lake, ON	CM 30, 109
UM1992-22-S:AgPd	Pd_2AgS_2	Kirkland Lake, ON	CM 30, 109
UM1991-19-Se:AsCo	CoAsSe	Lake Athabasca, SK	CM 29, 411
UM1983-19-SiO:AlH	$\text{Al}_2\text{Si}_2\text{O}_7 \cdot \text{H}_2\text{O}$	Manitouwadge, ON	EG 78, 422; AM 69, 213
UM1983-20-SiO:AlH	$\text{Al},\text{Si},\text{O},\text{H}_2\text{O}$	Manitouwadge, ON	EG 78, 422; AM 69, 213
UM1983-21-SiO:AlH	$\text{Al}_2\text{Si}_2\text{O}_7 \cdot \text{H}_2\text{O}$	Manitouwadge, ON	EG 78, 422; AM 69, 213
UM1973-Te:AgSb	AgSbTe_2	Mattagami Lake, QC	CM 12, 55
UM1981-22-Se:BiTe	$\text{Bi}_2\text{Se}_2\text{Te}$	Mazenod Lake, NT	CM 19, 341
UM1981-30-Te:BiSe	$\text{Bi}_4\text{Se}_3\text{Te}_3$	Mazenod Lake, NT	CM 19, 341
UM1990-28-OHFAI	$\text{Al}(\text{OH},\text{F})_3$	Montreal, QC [Francon q.]	CM 28, 147 [<i>gibbsite F-rich</i>]
UM1990-13-CO:HNAREESr	$\text{Na}_2\text{Sr}_2(\text{Ce},\text{La})\text{Y}(\text{CO}_3)_6 \cdot 3\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK33a]
UM1986-09-CO:CaHNaSrY	$\text{NaSr}_3\text{Ca}(\text{CO}_3)_6 \cdot 3\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK37a]
UM1985-63-SiO:FeHKMnNa	$(\text{K},\text{Na})_4(\text{Mn},\text{Fe})_4\text{Si}_8\text{O}_{20} \cdot 4\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK52]
UM1990-71-SiO:FeHKMn	$(\text{K},\text{Na})_3(\text{Mn},\text{Fe})_{2-3}\text{Ti}_2\text{Si}_8\text{O}_{20} \cdot 4\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK52A]
UM1990-64-SiO:BNa	NaBSiO_4	Mont St-Hilaire, QC	MR 21(1990), 363 [UK53]
UM1986-21-NbO:CaH	$\text{CaNb}_4\text{O}_{11} \cdot 12\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK56]
UM1990-67-SiO:CaFeK	$\text{Na},\text{K},\text{Mn},\text{Fe},\text{Ca},\text{Zr},\text{Si},\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK67]
UM1990-26-O:HMnNaNb	$\text{Na},\text{Mn},\text{Nb},\text{O},\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK68]
UM1889-62-SiO:AlCaKMnNb	$\text{Ca},\text{K},\text{Mn},\text{Nb},\text{Al},\text{Si},\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK70]
UM1990-60-SiO:AlCaFe	$\text{Ca},\text{Al},\text{Fe},\text{Si},\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK72]
UM1990-12-CO:HNa	$\text{Na},\text{CO}_3, \text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK73 grp.]
UM1990-66-SiO:CaFHNa	$\text{NaCaSi}_3\text{O}_7(\text{F},\text{OH}) \cdot 2 \cdot 3\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK77]
UM1990-74-SiO:MnNa	$\text{Na},\text{Mn},\text{Si},\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK78]
UM1990-72-SiO:FeMnNa	$\text{Na},\text{Mn},\text{Si},\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK79]
UM1990-63-SiO:AlMnNa	$\text{Na},\text{Mn},\text{Al},\text{Si},\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK80]
UM1990-37-S:CuFeHO	$\text{Cu}_3\text{FeS}_4 \cdot 4\text{H}_2\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK82]
UM1990-70-SiO:CaMnNaThTi	$\text{Th},\text{Ca},\text{Na},\text{Mn},\text{Ti},\text{Si},\text{O}$	Mont St-Hilaire, QC	MR 21(1990), 363 [UK83]
UM2003-33-SiO:CaFFeMnNaNbZr	$\text{K}_2(\text{Na},\text{Ca})(\text{Fe}^{2+},\text{Mn})_2(\text{Zr},\text{Nb})_2\text{Si}_8\text{O}_{26}(\text{OH})_4\text{F}$	Mont St-Hilaire, QC	CM 41, 1 [UK115 Fe-analogue of zircophyllite]
UM1972-13-SCO:CaFeH	$3\text{FeS}_2(\text{Mg},\text{Fe})(\text{OH})_2$	Muskox complex, NT	AM 54, 437; AM 57, 1037
UM1987-16-Se:BiPbTe	$(\text{Bi},\text{Pb})_2(\text{Se},\text{Te},\text{S})_3$	Otish Mountain, QC	CM 25, 625
UM1987-17-Se:BiTe	$\text{Bi}(\text{Se},\text{Te})$	Otish Mountain, QC	CM 25, 625
UM1984-40-Te:AgBi	Ag_3BiTe_2	Pickle Lake, ON	CM 22, 13
UM1992-14-PO:CaFeHMn	$\text{Ca}(\text{Fe},\text{Mn},\text{Mg})_4\text{P}_4\text{O}_{14}(\text{OH})_2 \cdot 7\text{H}_2\text{O}$	Rapid Creek, YU	MR 23(1992), 39 [No. 2a]
UM1992-15-PO:FeHMg	$(\text{Fe},\text{Mg})_5(\text{PO}_4)_3(\text{OH}) \cdot 2\text{H}_2\text{O}$	Rapid Creek, YU	MR 23(1992), 39 [No.5a]

UM1992-16-PO:FeHMg	$(\text{Fe,Mg})_5(\text{PO}_4)_3(\text{OH}) \cdot 2\text{H}_2\text{O}$	Rapid Creek, YU	MR 23(1992), 39 [No.5b]
UM1992-17-PO:CaFeHMn	$(\text{Fe,Mn,Ca})_4\text{P}_3\text{O}_{10}(\text{OH})_3 \cdot 15\text{H}_2\text{O}$	Rapid Creek, YU	MR 23(1992), 39 [No.2b]
UM2003-18-SiO:AlCsFFeHLi	$\text{NaFe}_4\text{Mn}_5\text{P}_3\text{O}_{18} \cdot 10\text{H}_2\text{O}$	Rapid Creek, YU	MR 23(1992), 39 [No.4]
UM1992-19-PO:FeHNa	$\text{NaFePO}_4 \cdot 2\text{H}_2\text{O}$	Rapid Creek, YU	MR 23, 39 [No. 1]
UM1992-20-PO:FeMn	Fe,MnPO_4	Rapid Creek, YU	MR 23(1992), 39 [No.6]
UM2003-30-SiO:AlFLiRb	$\text{RbLi}_2\text{AlSi}_4\text{O}_{10}(\text{F,OH})_2$	Red Cross Lake, MN	AM 88, 1832 [Rb analogue of polythionite]
UM2003-31-SiO:AlHLiRb	$\text{Rb}(\text{Fe}^{2+})_3(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH,F})_2$	Red Cross Lake, MN	AM 88, 1832 [Rb analogue of annite]
UM2003-27-SiO:AlCsFFeHLi	$\text{Cs}(\text{Fe}^{2+})_3(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH,F})_2$	Red Cross Lake, MN	AM 88, 1832 [Cs analogue of annite]
UM2003-28-SiO:AlCsFFeHMg	$\text{Cs}(\text{Mg,Fe})_3(\text{Si}_3\text{Al})\text{O}_{10}(\text{F,OH})_2$	Red Cross Lake, MN	AM 88, 1832 [Cs analogue of phlogopite]
UM1996-41-SiO:CCaCeFFeNbPbThTiU	$(\text{Ce,Ca})\text{Pb}_2\text{Fe}(\text{Nb,Ti,Zr,Th,U})_5(\text{SiO}_2)_6(\text{CO}_2)_9(\text{F,OH,O})$	Strange Lake, NL	CM 34, 779
UM1996-41-SiO:CCaCeFFeNbPbThTiU	$(\text{Ba,K,Na})\text{FeTi}_2\text{Si}_2\text{O}_9(\text{F,O,OH})_2$	Strange Lake, NL	CM 34, 779
UM1998-20-SiO:BeCaHREEY	$\text{Ca}(\text{Y,Ce,Nd,Tb,Er})\text{Be}_2\text{Si}_2(\text{O,OH})_{10}$	Strange Lake, NL	CM 36, 793
UN1975-05-As:Pd	Pd_8Sb_3	Sudbury, ON	CM 13, 321 [mertierite II?]
UM1976-23-Sb:BiPdTe	$\text{Pd}(\text{Sb,Te,Bi})$	Sudbury, ON	EG 71(1976) 1159; CM 28, 409
UM1989-05-ClOH:FeMn	$(\text{Fe,Mn})(\text{OH})\text{Cl}$	Sudbury, ON	CM 27, 311
UM1993-03-Cl:BiHOPd	$\text{Pd}_5\text{Bi}_4(\text{Cl,OH})_5 \cdot 7\text{H}_2\text{O}$	Sudbury, ON	CM 31, 31
UM1993-11-S:BiClHOPd	$(\text{Pd,Pt,Pb})_8\text{Bi}_2(\text{Fe,Ni,Zn})\text{S}_5(\text{H}_2\text{O,OH,Cl,O})_{12}$	Sudbury, ON	CM 31, 31
UM1973-21-Te:AgHgPd	Ag,Hg,Pd,Te	Temagami, ON	CM 12, 193
UM1990-02-As:FeIrNiOsRhRu	$(\text{Ru,Os,Fe,Rh,Ir,Ni})_3\text{As}$	Thetford Mines, QC	CM 28, 579; AM 76, 1438
UM1990-16-E:CuRhSn	Rh_2SnCu	Thetford Mines, QC	CM 28, 579; MP 47, 26
UM1976-13-S:AsCoCuFeNi	$(\text{Cu,Co,Fe,Ni})_{16.5}\text{As}_4\text{S}_{13}$	Timmins, ON	GSC P 76-1(1976), 311
UM1976-14-S:BiCuPbSe	$(\text{Bi,Pb,Cu})_4(\text{S,Se})_5$	Timmins, ON	GSC P 76-1(1976), 311
UM1976-15-S:CuSe	$\text{Cu}_4(\text{S,Se})_3$	Timmins, ON	GSC P 76-1(1976), 311
UM1976-24-Se:BiPbS	$(\text{Bi,Pb})_{19}(\text{Se,S})_{16}$	Timmins, ON	GSC P 76-1(1976),
UM1984-32-S:CuPbSb	$\text{Pb}_2\text{CuSb}_3\text{S}_7$	Tintina, YU	CM 22, 219
UM1976-17-S:IrRhSb	$(\text{Ir,Rh})\text{SbS}$	Tulameen complex, BC	BCIMM 69, 111; CIMM SV 23, 175; AM 74, 1216; MP 47, 37
UM1979-19-Sb:Rh	RhSb	Tulameen complex, BC	AM 69, 411; CJC 39, 955
UM1990-27-O:Pt	PtO	Tulameen complex, BC	CM 28, 503
UM1990-47-Sb:CuNi	$(\text{Ni,Cu})_2\text{Sb}$	Tulameen complex, BC	CM 28, 503
UM1990-49-Sb:Ni	Ni_3Sb	Tulameen complex, BC	CM 28, 503
UM2002-47-Te:NiPdSb	$(\text{Ni,Pd})_2(\text{Te,Sb})_3$	Wellgreen deposit, YU	EMG 2(1993), 105; CM 40, 651
UM2002-48-Te:NiPdSb	$(\text{Ni,Pd})_3(\text{Te,Sb})_4$	Wellgreen deposit, YU	EMG 2(1993), 105; CM 40, 651
UM2002-49-Te:NiPdSb	$(\text{Pd,Ni})_3(\text{Te,Sb})_4$	Wellgreen deposit, YU	CM 49, 651
UM1996-36-Sb:Au	Au_2Sb_3	West Gore deposit, NS	EG 91(1996), 1239
UM1989-31-SiO:AlCaCeHLaV	$\text{Ca}(\text{La,Ce})\text{V}^{3+}\text{Al}_2(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$	White River-Hemlo, ON	CM 27, 565; CM 40, 1411
UM2005-23-S:AsPt	$\text{Pt}_3\text{As}_2\text{S}_3$	Placer ?, BC	CM 43, 1687
UM2008-22-E:FePt	Pt_4Fe	Florence Creek, YU	CM 46, 243
UM2008-23-E:FePt	Pt_5Fe	Florence Creek, YU	CM 46, 243
UM2010-04-S:PdTe	$\text{Pd}_{11}\text{Te}_2\text{S}_2$	Burwash Creek, YU	CM 48, 583

Canadian type minerals
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Abenakiite-(Ce)	(CM 32, 843-864)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Adamsite-(Y)	(CM 38, 1457-1466)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Agrellite	(CM 14, 120-126)[TL: Kipawa complex, Témiscamingue RCM, Abitibi-Témiscamingue, QC]
Allargentum	(CM 10, 163-172)[TL1: Beaver Mine TL2: Hi-Ho mine, Coleman Township, Timiskaming District, ON]
Alumovesuvianite	IMA 2016-014 (MP 111, 833-842)[TL: Jeffrey mine, Asbestos, Les Sources RCM, Estrie, QC]
Aplowite	(CM 8, 166-171) [TL: Magnet Cove Barium Corporation mine, Walton, NS]
Arisite-(Ce)	(CM 48, 661-671)[TL2: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; [[TL1: Ariskop quarry, Aris, Windhoek, Namibia]]
Arrojadite-(K,Na)	(AM 91, 1249-1259)[TL: Rapid Creek, YU];
Arsenohauecornite	(MM 43, 877-878)[TL: Vermilion mine, Denison Township, Sudbury, ON]
Athabascaite	(CM 10, 207-215)[TL: Martin Lake mine, Uranium City, SK]
Aurostibite	(AM 37, 461-469)[TL1: Giant Yellowknife mine, Yellowknife, NT; TL2: Chesterville Mine, Virginiatown, McGarry Township, Timiskaming Dist., ON]
Barićite	(CM 14, 403-406; T83) [TL: "Area-2", Rapid Creek, YU]
Barrydawsonite-(Y)	(MM 79, 671-686)[Merlot claim, North Red Wine complex, Labrador, NL]
Bavsiite	IMA 2014-019 (MM 78, 797;)[TL: Trench 1, Gun claim, Wilson Lake, Itsi Range, Yukon]
Benjaminite (revalidated)	(CM 13, 402-407) [N TL2: Terra M & E mine, Great Bear Lake, NT; N TL3: Keeley mine, South Lorrain Twp., Timiskaming Dist., ON]; [[TL1 : Outlaw mine, Nye Co. Nevada, USA]]
Beusite-(Ca)	IMA 2017-051(MM 81, 1283)[Archean Yellowknife pegmatite field, between Upper Ross Lake and Redout Lake, 75 km NE of Yellowknife and 3.5 km E of the Redout Granite, NT.]
Bobdownsite	(discredited IMA 17E)
Bobfergusonite	(CM 24, 599-604) [TL: Pegmatite #22, unnamed island, Cross Lake, MN]
Bobshannonite	(MM 79, 1791-1811) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Bobtraillite	(CM 43, 747-758)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Brianroulstonite	(CM 35, 751-758) [TL: Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
Burgessite	(CM 47, 165-180) [TL: Keeley mine, South Lorrain Twp., Timiskaming Dist., ON]

Bussyite-(Ce)	(CM 47, 193-204) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Bussyite-(Y)	(CM 53, 236-248) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Bytownite	(JPC 14(1838), 3845)[TL: Ottawa, ON][no longer considered a valid species by IMA, but it was never officially discredited]
Calcioburbankite	(CM 33, 1231-1235)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Calciosamarskite	(AM 13, 63-65; AM 62, 403-410; MM 63, 27-36) [TL1 = Woodcox m., Hybla, Monteagle Twp., Hastings Co., ON; TL2 = Blackstone Lake, Conger Twp., ON]
Calderite (revalidated)	(CM 17, 569-571; JP 7, 246-305) [NLT2 = Wabush Iron Company deposit, Wabush Lake, NL]; [[TL: Otjosundu Mn deposit, Namibia]]
Caresite	(CM 35, 1541-1549) [TL1: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC; TL2: Corporation quarry, Montréal, QC]
Carletonite	(AM 56, 1855-1866; AM 57, 765-778) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Caysichite-(Y)	(CM 12, 293-298; MR 3, 69-77) [TL: Evans-Lou Mine, Val-des-Monts, Les Collines-de-l'Outaouais RCM, Outaouais, QC]
Cerianite-(Ce)	(AM 40, 560-564) [TL: Dominion Gulf claim, Nemegos, Lackner Township, Sudbury Dist. ON]
Černýite	(CM 16, 139-146) [TL: Tanco pegmatite, Bernic Lake, MN]
Chapmanite	(UTGS 17(1924), 5-8)[TL: Keeley mine, South Lorrain Twp., Timiskaming Dist., ON]
Charleshatchettite	(AM 102, 2333-2340)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Charmarite	(CM 35, 1541-1549) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Chrysotile	(CM 17, 693; AC 9, 855 862; CM 44, 1557) [TL: Bell mine, Thetford Mines, Les Appalaches RCM, Chaudière-Appalaches, QC](was TL for clino-, para- & ortho- polytypes; polytypes discredited CM 44, 1557)
Clinosafflorite	(CM 10, 877-881) [TL: Unnamed mine, Cobalt area, ON]
Coldwellite	(CM 53, 845-857)[TL: Marathon deposit, Coldwell complex, Thunder Bay District, ON]
Collinsite	(TRSC 42(1926), 18; GSCMB 46, 1-21) [TL: Francois Lake, Coast District, BC]
Cowlesite	(AM 60, 951-956) [TL3: Monte Lake, BC – one of many TLs];
Crerarite	(NJbM 1994 567-575) [TL: Lac Sheen, Belleterre, Témiscaminge RCM, Abitibi-Témiscaminge, QC]
Criddleite	(MM 52, 691-697) [TL1: Golden Giant m., TL2: Williams m., Hemlo deposit, Hemlo, Bomby Twp., ON]
Cupropolybasite	(MM 71, 641-650; AM 92, 918-925) [TL: Premier mine, Stewart, BC]
Cuprospinel	(CM 11, 1003-1007) [TL: Rambler m., Baie Verte, NL]

Dadsonite	(CM 9, 191-213, MM 37, 437-441) [TL1: Giant Yellowknife m., Yellowknife, NT; TL2: Taylor property exploration pit, Madoc, Hastings Co., ON]
Dawsonite	(TRSC 4(1908), 165-177) [TL: McGill University. campus, Montréal, QC]
<i>Diomignite</i>	discredited IMA 15-H (2015)
Donnayite-(Y)	(CM 16, 335-340) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Doyleite	(CM 23, 21-28) [TL1: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC; TL2: Francon quarry, Montréal, QC]
Dresserite	(CM 10, 84-89) [TL: Francon quarry, Montréal, QC]
Ekanite (redefined)	(CM 20, 65-75) [NTL2: Glacial boulder, Tombstone Mountains, YU; approx. 64°24'N, 138°36'W]; [[TL1: Eheliyagoda district, Ratnapura, Sri Lanka]]
Enstatite	(BJ 2(1789), 369-398; Horváth 2003, 56) [TL: Paul Island, Nain, Labrador, NL]
Ercitite	(CM 38, 893-898; CM 47, 173-180) [TL: Tanco mine, Bernic Lake, MN]
Farringtonite	(GCA 24, 198-205) [TL: Springwater meteorite, Springwater, SK]
Ferrierite-Mg	(TRSC 4, 185-190; CM 35, 1571) [TL: Kamloops Lake, Kamloops, BC];
Ferri-fluoro-katophorite	(MM 80, 199-205, NL#29; IMA 2015-096)[TL: Bear Lake diggings, Tory Hill, Monmouth Township, Haliburton Co. ON]
Ferrimolybdite	(AJS 173, 297-303; Horváth 2003, 60) [TL5: Unknown locality, Renfrew, ON]
Ferrisymplesite	(UTGS 17, 13-17) [TL: Hudson Bay mine, Coleman Township, Timiskaming District, ON]
Ferro-edenite	(CM 21, 81-91) [TL: Baie-des-Mouton syenite complex, La Tabatière, Le Golf-de-Saint-Laurent RCM, Côte-Nord, QC]
Ferro-ferri-nybøite	(CM 52, 1019-1026)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Ferrokentbrooksit	(CM 41, 55-60) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Fluorbritholite-(Ce)	(APMC 15(1996), 40-45; MR 27, 463) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Franconite	(CM 22, 239-253)[TL: Francon quarry, Montréal, QC]
Frohbergite	(UTGS 51, 35-40; CM 9, 709-716) [TL: Robb-Montbray m., Rouyn-Noranda TE, Abitibi-Témiscamingue, QC]
Froodite	(CM 6, 200-209) [TL: Frood mine, McKim Township, Sudbury, ON]
Gagarinite-(Ce)	[= former <i>zajacite-(Ce)</i>] (CM 49, 1111-1114); [TL: Strange Lake complex, Nunavik, Nord-du-Québec, QC & Newfoundland and Labrador]
Gaidonnayite	(CM 12, 316-319; CM 23, 11-15) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC];
Garronite-Na	IMA 2015-015 (CM 54, 1544-1562;)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC];
Garyansellite	(AM 69, 207-209) [TL: Area A-5 & A-7, Rapid Creek, YU]
Gaspéite	(AM 51, 677-684) [TL: New Jersey Zinc Exploration Co. trench, Mont

	Albert, La Haute-Gaspésie RCM, Gaspésie-Îles-de-la-Madeleine, Québec QC]
Gaultite	(CM 32, 855-863) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Gerenite-(Y)	(CM 36, 793-800; CM 36, 801-808) [TL: Strange Lake complex, Nunavik, Nord-du-Québec, QC & Newfoundland and Labrador]
Gittinsite	(CM 18, 201-203; CM 27, 703-708) [TL: Kipawa complex, Témiscamingue RCM, Abitibi-Témiscamingue, QC]
Gjerdingenite-Na	(CM 45, 529-539) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Gormanite	(CM 19, 381-387) [TL: Area B-9, Rapid Creek, YU]
Greenwoodite	(CM 50, 1233-1242)[TL: Wigwam deposit, Alkolkolex River, BC]
Griceite	(CM 27, 125-127) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Groatite	(CM 47, 1225-1235) [TL: Tanco pegmatite, Bernic Lake, MN]
Guettardite	(CM 9, 7-23; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Gunningite	(CM 7, 209-218)[TL: Comstock-Keno mine, Keno Hill, YU]; (T83
Haineaultite	(CM 42, 769-780) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Harrisonite	(CM 31, 775-780; CM 31, 781-785)[TL: Arcedeckne Island, Franklin District, NU]
Hastingsite	(AJS 151, 210-218) [TL: Unknown locality, Dungannon Township, Bancroft, ON]
Hawleyite	(AM 40, 555-559) [TL: Hector Calumet Mine, Keno Hill, YU]
Hedleyite	(UTGS 49, 55-69) [TL : Good Hope claim, Hedley, BC]
Hellandite-(Y)	(CM 11, 760-775; AM 87, 745) [NTL: Evans-Lou Mine, Val-des-Monts , Les Collines-de-l'Outaouais RCM, Outaouais, QC]
Hemloite	(CM 27, 427-440) [TL: Williams m., Hemlo deposit, Bomby Twp., ON]
Hexahydrite	(GSCSR 1910, 256-257)[TL: [TL: Unknown locality, Bonaparte River, Lillooet, BC]
Hilairite	(CM 12, 237-240)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Hiortdahlite II	(CM 12, 241-247; MP 37, 25-35) [TL: Kipawa complex, Témiscamingue RCM, Abitibi-Témiscamingue, QC]
Hochelagaite	(CM 24, 449-453) [TL1: Francon q., Montréal, QC; TL2: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Hogarthite	(CM 53, 13-30)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC – UK75]
Horváthite-(Y)	(CM 35, 743-749) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Howlite	(AJS 134(1887), 220-223; Horváth 2003, 91) [TL: Martock, n. Windsor, NS]
Hydrodresserite	(CM 15, 399-404)[TL: Francon quarry, Montréal, QC]
Hydroromarchite	(CM 10, 916) [TL: Boundary Falls, Winnipeg River, Kenora Dist., ON]

Hydroterskite	(CM 53, 821-832) [TL: Demix Varennes quarry, Saint-Amable & Varennes, Lejammerrrais RCM, Montérégie, QC]
Isoferroplatinum	(CM 13, 117-126) [TL: Tulameen River placers, Similkameen District, BC];
Itsiite	(CM 52, 401-407) [TL: Trench 1, Gun claim, Wilson Lake, Itsi Range, Yukon Territory]
Izoklakeite	(CM 24, 1-5) [TL: Kidd Creek Mines property, Izok Lake, Mackenzie District, NU]
Jagowerite	(CM 12, 135-136; AM 59, 291-295) [TL: Unnamed locality, Hess River area, YU]
Jeffreyite	(CM 22, 443-446) [TL: Jeffrey mine, Asbestos, Les Sources RCM, Estrie, QC]
Johnsenite-(Ce)	(CM 44, 105-115) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Jolliffeite	(CM 29, 411-418) [TL: Fish Hook Bay, Lake Athabasca, Uranium City, SK]
Joséite B	(AM 34, 342-382) [TL: Glacier Gulch, Smithers, BC]
Keilite	(CM 40, 1687-1692) [TL: Abee meteorite, Abee, AL]
Khomyakovite	(CM 37, 893-899) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Kiddcreekite	(CM 22, 227-232) [TL: Kidd Creek mine, Timmins, ON]
Kukharenkoite-(Ce)	(EJM 8, 1327-1336; 2 of 4 TL) [TL2: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC; TL3 Demix quarry, Saint-Amable & Varennes, Lejammerrrais RCM, Montérégie, QC]; [[TL1: Kirov m., Khibiny massif, TL4: Vuoriyarvi massif, both Kola Peninsula, Russia]]
Kulanite	(CM 14, 127-131) [TL: Area A-3, Rapid Creek, YU]
Labradorite	(abandoned (never discredited) name with no valid species status; historically important first mineral described from Canada; Horváth 2003, 105) [TL: Paul Island, Nain, Labrador, NL]
Lalondeite	(CM 47, 181-192) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Langisite	(CM 9, 597-616) [TL: Langis mine, Casey Township, Timiskaming District, ON]
Lapieite	(CM 22, 561-564) [TL: Unnamed locality, Lapie River junction with Glacier Creek, YU]
Larosite	(CM 11, 886-891) [TL: Foster mine, Colman Township, Timiskaming District, ON]
Latrappite	(CM 8, 122-123) [TL: Bond zone exploration trench, Oka complex, Deux Montagnes RCM, Laurentides, QC]
Launayite	(CM 9, 7-24; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Laurentianite	(CM 50, 1265-1280)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Laverovite	(CM 57, 201-213)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]

Lecoqite-(Y)	(CM 48, 95-14)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Lemoynite	(CN 9, 585-596; CM 14, 132-138) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Lopatkaite	(MM 77, 1-12; NL#15; IMA 2012-83)[TL: Taylor pit?, Madoc, Hastings Co., ON]
Lukechangite-(Ce)	(AM 82, 1255-1260) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Madocite	(CM 9, 7-24; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Magnesiohastingsite	(AM 13, 287-296; Horváth 2003, 115) [TL1: Mont Royal tunnel, Montréal, QC]
Manganokhomyakovite	(CM 37, 892-899) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Manganokukisvumite	(CM 42, 781-785) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Manitobaite	(CM 48, 1455-1463; CM 49, 1221-1242 structure)[TL: Cross Lake, MN]
Mannardite	(CM 24, 55-66) [TL: Rough claims, Kechika & Gataga Rivers area, BC]
Marathonite	(MM 80, 1315-1321; NL #34; IMA 2016-080) [TL: Marathon deposit, Coldwell complex, ON]
Marianoite	(CM 46, 1023-1032)[TL: Prairie Lake complex, ON]
Maričite	(CM 15, 396-398) [TL: Big Fish River, YU]
Martinite	(CM 45, 1281-1292) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Mattagamite	(CM 12, 55-60) [TL: Mattagami mine, Matagami, Nord-du-Québec, QC]
Mcauslanite	(CM 26, 917-921) [TL: East Kemptville tin m., Yarmouth Co., NS]
Mcgillite	(CM 18, 31-36) [TL: Sullivan mine, Kimberley, BC]
Mckinstryite	(EG 61(1966), 1383-1389) [TL: Foster mine, Coleman Township, Timiskaming District, ON]
Meierite	(MM 79, 51, NL#23; IMA 2014-039) [TL: Trench 1, Gun claim, Wilson Lake, Itsi Range, Yukon Territory]
Menzerite	(CM 48, 1171-1193) [TL : Bonnet Island, Georgian Bay, Parry Sound, ON]
Meridianiite	(AM 92, 1756-1759) [TL: Venables Valley, n. Ashcroft, BC]
Micheelsenite	(NJbM 2001, 337-351) [TL1: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; [[TL2: Nanna pegmatite, Narsarsuup Qaava, Igaliko complex, South Greenland.
Michenerite	(CM 6, 200-209; CM 11, 903-912) [TL1: Frood mine, McKim Township & TL2: Vermilion mine, Denison Township, Sudbury, ON]
Monazite-(Sm)	(CM 40, 1649-1655) [TL: Annie claim #3 pegmatite, Greer Lake, MN]
Montbrayite	(AM 31, 515-526) [TL: Robb-Montbray m., Rouyn-Noranda TE, Abitibi-Témiscamingue, QC]
Monteregianite-(Y)	(CM 16, 561-565) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Montroyalite	(CM 24, 455-459) [TL: Francon quarry, Montréal, QC]
Moorehousite	(CM 8, 166-171) [TL: Magnet Cove mine, Walton, NS]

Mordenite	(JCS 17(1864), 100-104) [TL: Morden, NS]
Moydite-(Y)	(CM 24, 665-673) [TL: Evans-Lou Mine, Les Collines-de-l'Outaouais RCM, Outaouais, QC]
Muskoxite	(AM 54, 684-696) [TL: Muskox complex, Kitikmeot Region, NU]
Nahpoite	(CM 19, 373-376) [TL: Area C-16, Big Fish River, YU]
Naldretteite	(MM 69, 89-98) [TL: Mesamax Northwest deposit, Ungava, Nunavik, Nord-du-Québec, QC]
Nalipoite	(CM 29, 565-573) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Natrolemoynite	(CM 39, 1295-1306) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Neyite	(CM 10, 90-96) [TL: Lime Creek deposit, Kitsault, BC]
Nickelbischofite	(CM 17, 107-109) [TL: Dumont intrusion, Launay, Abitibi RCM, Abitibi-Témiscamingue, QC]
Ninningerite	(GCA 21, 127-144) [TL: Abee meteorite, Abee, AL]
Nioboaeschnite-(Y)	(CM 46, 395-402) [TL: Bear Lake diggings, Monmouth Township, Haliburton Co., ON]
Niobokupletskite	(CM 38, 627-639) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Niobophyllite	(CM 8, 40-52) [TL: Seal Lake complex, Labrador, NL]
Niocalite	(AM 41, 785-786; CM 6, 264-272) [TL: Bond zone, Oka complex, Deux Montagnes RCM, Laurentides, QC]
Nisbite	(CM 10, 232-246) [TL: Trout Bay, Red Lake, Mulcahu Twp., Kenora District, ON]
Nisnite	(CM 49, 651-656)[TL : Jeffrey mine, Asbestos, Les Sources RCM, Estrie, QC]
Nixonite	(MM 31, 399 IMA report)[TL: Darby kimberlite field, NU]
Niveolanite	(CM 46, 1343-1354) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Nolanite	(AM 42, 619-628) [TL1: Eldorado Mining & Refining m., Fishhook Bay, Shirley Peninsula, Lake Athabasca, SK; TL: Nicholson No.2 m., Lake Athabasca, SK; TL: Ace m., Lake Athabasca, SK]
Nolzeite	(MM 79, 247, NL#24; IMA 2014-086)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Normandite	(CM 35, 1035-1039) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Nuffieldite	(CM 9, 439-452) [TL: Lime Creek deposit, Kitsault, BC]
Oneillite	(CM 37, 1295-1301)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Oberthürite	IMA No. 2017-072 (MM 81, 1571-1581) [Marathon deposit, Coldwell Complex, ON]
Owensite	(CM 33, 665-670) [TL: Wellgreen deposit, Kluane District, YU]
Palladogermanide	(MM 81-209 NL#35; IMA 2016-086)[Marathon deposit, Coldwell complex, ON]

Paracostibite	(CM 10, 232-246) [TL : Trout Bay, Red Lake area, Mulcahy Township, Kenora District, ON]
Paranatroilite	(CM 18, 85-88) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Pararammelsbergite	(UTGS 12, 27-31; AM 24, 561-577) [TL1 : Moose Horn m. James Twp., TL2 : Hudson Bay m., Coleman Twp., TL3 : Keeley m., South Lorrain Twp., all Timiskaming Dist., ON]
Pararealgar	(CM 18, 525-527) [TL1 : Mount Washington copper deposit, Comox Dist., Vancouver Island, BC; TL2 : Gray Rock deposits, Truax Creek, Lillooet Dist., BC]
Parkerite (redefined)	(AM 28, 343-355) [NTL : Frood mine, McKim Twp., Sudbury Dist., ON];
Peatite-(Y)	(CM 51, 569-596) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Pellyite	(CM 11, 444-447) [TL : Gun claim, Wilson Lake (Pelly & Ross Rivers headwaters), Itsy Mountain, YU]
Penikisite	(CM 15, 393-395) [TL : Rapid Creek, YU];
Penobsquisite	(CM 34, 657-665) [TL : Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
Perraultite	(CM 29, 355-358) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Petarasite	(CM 18, 497-502) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Petersenite-(Ce)	(CM 32, 405-414) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Petrukite	(CM 27, 673-688) [TL1 : Herb claim, BC; TL2 : Mount Pleasant mine, NB]
Pieczkaite	(AM 100, 1047-1052)[Unnamed island in Cross Lake, MN]
Playfairite	(CM 9, 7-24; CM 9, 191-213; CM 9, 507-521) [TL : Taylor property exploration pit, Madoc, Hastings Co., ON]
Poitevinite	(CM 8, 109-110; CM 32, 873-884) [TL : Bonaparte River, Lillooet District, BC]
Potassic-magnesian-fluoro-arfvedsonite	(CM 25, 739-753; CM 44, 289) [TL : Perkins, Val-des-Monts, Les Collines-de-l'Outaouais RCM, Outaouais, QC] [name change from fluoro-potassic-magnesian-arfvedsonite]
Poudretteite	(CM 25, 763-766) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Pringleite	(CM 31, 795-800) [TL : Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
Quintinite	(CM 35, 1541-1549) [quintinite-3 <i>T</i> - TL1 : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]; [[quintinite-3 <i>H</i> TL2 : Jacupiranga mine, Cajati, São Paulo, Brazil]
Ramikite-(Y)	(CM 51, 569-596) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Rapidcreekite	(CM 24, 51-54) [TL : Area A-1, Rapid Creek, YU]
Reederite-(Y)	(AM 80, 1059-1064) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]

Rogermitchellite	(CM 48, 267-278) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Romarchite	(CM 10, 916) [TL: Boundary Falls, Winnipeg River, Kenora Dist., ON]
Rouvilleite	(CM 29, 107-111) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Rucklidgeite	(ZVMO 106, 62-68; CM 9, 709-715) [TL2: Robb-Montbray Mine, Rouyn-Noranda TE, Abitibi-Témiscamingue, QC];
Ruitenbergitte	(CM 31, 795-800) [TL: Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
Rutheniridosmine	(CM 29, 231-237) [TL1 & 2: Ruby Creek & Spruce Creek, Atlin Lake District, BC; TL3: Bullion m., Cariboo Distr., BC]; (2 other none Canadian TLs)
Sabinaite	(CM 18, 25-29) [TL: Francon quarry, Montréal, QC];
Sapphirine-IA	(CM 11, 777-790) [TL-1A polytype: Wilson Lake, Labrador, NL];
Satterlyite	(CM 16, 411-413) [TL: Big Fish River, YU]
Sheldrickite	(CM 35, 181-187) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Silinaite	(CM 29, 359-362) [TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Skippenite	(CM 25, 625-638) [TL: Otish Mountains U deposit, Otish Mountains, Baie-James, Nord-du-Québec, QC]
Sorbyite	(CM 9, 7-24; CM 9, 191-213; CM 9, 507-521) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Spencerite	(MM 18, 76-81) [TL: Hudson Bay mine, Salmo, BC]
Sperrylite	(AJS 137, 67-70) [TL: Vermilion mine, Denison Township, Sudbury, ON];
Spertiniite	(CM 19, 337-340) [TL: Jeffrey mine, Asbestos, Les Sources RCM, Estrie, QC];
Spionkopite	(CM 18, 511-518) [TL: Spionkop Creek deposit, Spionkop Creek and Yarrow Creek area, AL]
Steacyite	(CM 20, 59-63) [NTL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Steedeite	(CM 52, 47-60)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Sterryite	(CM 9, 7-24; CM 9, 191-213; CM 9, 507-521; T83) [TL: Taylor property exploration pit, Madoc, Hastings Co., ON]
Stibivanite	(CM 18, 329-332) [TL1: Consolidated Durham mine, Lake George, York Co., NB]
Strontiodresserite	(CM 15, 405-407) [TL: Francon quarry, Montréal, QC]
Sudburyite	(CM 12, 275-279) [TL: Copper Cliff mine, Snider Twp., Sudbury District, ON];
Tancoite	(CM 18, 185-190) [TL: Tanco pegmatite, Bernic Lake, MN]
Tellurantimony	(CM 12, 55-60) [Mattagami mine, Matagami, Nord-du-Québec, QC]
Tellurohauchecornite	(MM 43, 877-878) [TL: Strathcona mine, Levack Twp., Sudbury District, ON]

Temagamite	(CM 12, 193-198) [TL : Temagami mine, Lake Temagami, Phyllis Twp., Nipissing District, ON];
Thomasclarkite-(Y)	(CM 36, 1293-1300) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Thornasite	(CM 25, 181-183) [TL : Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]
Tintinaite	(CM 9, 371-382) [TL1 : Tintina mine, Watson, YU; TL2 : Deer Park mine, Rossland, BC]
Titanowodginite	(CM 30, 597-631) [TL : Tanco pegmatite, Bernic Lake, MN]
Titantaramellite	(AM 69, 358-373) [TL* : Gun claim, Wilson Lake (Pelly & Ross Rivers headwaters), Itsy Mountain, YU>(* 1 of 3 TLs)]
Trembathite	(CM 30, 1195-1201) [TL : Salt Spring deposit, Sussex, NB]
Tritomite-(Y)	(CM 6, 576-581; CM 25, 353-377)[TL : Prospect pit, Lot 7, Conc. XX, Cardiff Twp., Haliburton Co., ON] (former <i>spenceite</i> = tritomite)
Tulameenite	(CM 12, 21-25) [TL1 & TL2 : Tulameen & Similkameen River placers, near Priceton, BC]
Twinnite	(CM 9, 7-24; CM 9, 191-213; CM 9, 507-521; T83) [TL : Taylor property exploration pit, Madoc, Hastings Co., ON]
Tyrrellite	(AM 37, 542-544) [TL1 : Eagle claims, Goldfields District, SK; TL2 : Ato Bay, Beaverkodge Lake, SK]
Ungavaite	(MM 69, 89-98) [TL : Mesamax Northwest deposit, Ungava, Nunavik, Nord-du-Québec, QC]
Varennesite	(CM 33, 1073-1081) [TL : Demix quarry, Saint-Amable & Varennes, Lejammerrais RCM, Montérégie, QC]
Vaughanite	(MM 53, 79-83) [TL : Williams m., Hemlo deposit, Bomby Twp., ON]
Veblenite	(MM 77, 2955-2974; IMA 2010-050)[TL : Mann 2 (Ten Mile Lake), Seal Lake area, NL]
Veenite	(CM 9, 7-24; CM 9, 191-213; CM 9, 507-521; T83) [TL : Taylor property exploration pit, Madoc, Hastings Co., ON]
Violarite	(AJS 137, 372-374) [TL1 : Vermilion mine, Denison Township, Sudbury, ON]
Voggite	(CM 28, 155-159) [TL : Francon quarry, Montréal, QC]
Volkovskite (redefined)	(CM 28, 351-356) [NLT2 : Salt Spring deposit, Sussex, NB]
Wadsleyite	(CM 21, 29-35)[TL : Peace River meteorite, Peace River, AL]
Wakefieldite-(Y)	(CM 10, 136; AM 56, 395-410) [NLT : Evans-Lou Mine, Val-des-Monts, Les Collines-de-l'Outaouais RCM, Outaouais, QC]
Walkerite	(CM 40, 1675-1685; CM 43, 1459-1487) [TL : Potash Corporation of Saskatchewan Mine Penobsquis, Kings Co., NB]
Watkinsonite	(CM 25, 625-638) [TL : Otish Mountains U deposit, Otish Mountains, Baie-James, Nord-du-Québec, QC]
Weloganite	(CM 9, 468-477)[TL : Francon quarry, Montréal, QC];
Wicksite	(CM 19, 377-380) [TL : Area C-16, Big Fish River, YU]
Wodginite	(CM 7, 390-402) [TL2 : Tanco mine, Bernic Lake, MN];
Wopmayite	(CM 51, 93-106)[TL : Tanco pegmatite, Bernic Lake, MN]
Xenotime-(Yb)	(CM 37, 1303-1306) [TL : Lac du Bonnet batholith, Township 16, Range 15 EPM, MN]

Yarrowite

(CM 18, 511-518) [TL: Spionkop Creek deposit, Spionkop Creek and Yarrow Creek area, AL];

Yofortierite

(CM 13, 68-74)[TL: Poudrette quarry, Mont Saint-Hilaire, La Vallée-du-Richelieu RCM, Montérégie, QC]

Yukonite

(TRSC 7(4), 13-18) [TL: Daulton mine, Windy Arm, Tagish Lake, BC];

Zoltaiite

(AM 90, 1655-1660) [TL: Wigwam deposit, Revelstoke, BC]

Mineral species & type minerals by provinces & territories (Mindat 2019 05 27)

	Species	Type minerals
Alberta:	83	5
British Columbia:	507	24
Manitoba:	300	12
New Brunswick:	254	9
Newfoundland & Labrador:	281	5
Northwest Territories:	321	4
Nova Scotia:	354	5
Nunavut:	241	4
Ontario:	720	50
Prince Edward Island:	9	0
Saskatchewan	260	5
Québec:	823	104
Yukon:	365	24