

Species Name	IMA Ref	Date	Naming Publication Authors	Naming Publication Reference	Type Locality	Type Specimen Repository	Country	Type Status	Catalogue Entry(s)
Macaulayite	1981-062	1984	Wilson M.J., Russell J.D., Tait J.M., Clark D.R., Fraser A.R.	Min. Mag. (1984), 48, 127-129	Great Britain - Scotland - Aberdeenshire - Inverurie (7 km WNW of) - Bennachie car park (E end of)	NHM-London	United Kingdom	HT	
Macaulayite	1981-062	1984	Wilson M.J., Russell J.D., Tait J.M., Clark D.R., Fraser A.R.	Min. Mag. (1984), 48, 127-129	Great Britain - Scotland - Aberdeenshire - Inverurie (7 km WNW of) - Bennachie car park (E end of)	RMS-Edinburgh	United Kingdom	CT	
Macdonaldite	1964-010	1965	Alfors J.T., Stinson M.C., Matthews R.A., Pabst A.	Amer. Min. (1965), 50, 314-340	USA - California - Fresno County - Trimmer (5 mls NE of) - Big Creek and Rush Creek sanbornite deposit	CDMG-San Francisco	USA	T	
Macedonite	1970-010	1971	Radusinovic D., Markov C.	Amer. Min. (1971), 56, 387-394	North Macedonia - Prilep (near) - Crni Camen	NMNH-Washington	USA	T	122391
Macfallite	1974-057	1979	Moore P.B., Ito J., Steele I.M.	Min. Mag. (1979), 43, 325-331	USA - Michigan - Keweenaw County - Copper Harbour - Manganeise-Lake prospect	NHM-London	United Kingdom	T	BM 1984,139
Macfallite	1974-057	1979	Moore P.B., Ito J., Steele I.M.	Min. Mag. (1979), 43, 325-331	USA - Michigan - Keweenaw County - Copper Harbour - Manganeise-Lake prospect	NMNH-Washington	USA	T	135923
Machatschkilite	1976-010	1977	Walenta K.	Tschermaks Mineralogische und Petrographische Mitteilungen (1977), 24, 125-132	Germany - Baden-Württemberg - Schwarzwald - Heubachtal, near Schillach - Anton mine	NMNH-Washington	USA	T	137412
Machilite	2016-067	2020	Krot A.N., Nagashima K., Rossman G.R.	Amer. Min. (2020), 105, 239-243	Meteorite-Australia - Victoria - fell at Murchison - Murchison carbonaceous chondrite CM2	UHIGP-Hawaii	USA	HT	UH80
Mackayite		1944	Fronzel C., Pough F.H.	Amer. Min. (1944), 29, 211-225	USA - Nevada - Esmeralda County - Goldfield District - Goldfield - Mohawk Mine	Harvard University-Boston	USA	T	97444, 97950
Mackinawite	1967 s.p.	1964	Evans H.T., Milton C., Chao E.C.T., Adler I., Mead C., Ingram B., Berner R.A.	U.S. Geological Survey, Professional Paper (1964), 475-D 64-69	USA - Washington - Snohomish County - Monte Cristo District - Monte Cristo - Mackinaw Mine (Weden Creek Mine)				
Macphersonite	1982-105	1984	Livingstone A., Sarp H.	Min. Mag. (1984), 48, 277-282	France - Bourgogne - Saône-et-Loire dép. - St. Prix, near - L'Argentolle mine	MHN-Genève	Switzerland	HT	477.07
Macphersonite	1982-105	1984	Livingstone A., Sarp H.	Min. Mag. (1984), 48, 277-282	United Kingdom - Scotland - Lanarkshire - Leadhills area - Leadhills Doad	RMS-Edinburgh	United Kingdom	CT	721.34
Macquarilite	1979-037	1980	Williams S.A., Duggan M.	Bulletin de Minéralogie (1980), 103, 530-532	USA - Arizona - Pinal County - Tiger - Mammoth mine	GMUA-Tucson	USA	T	
Macquarilite	1979-037	1980	Williams S.A., Duggan M.	Bulletin de Minéralogie (1980), 103, 530-532	USA - Arizona - Pinal County - Tiger - Mammoth mine	MHN-Paris	France	T	
Macquarilite	1979-037	1980	Williams S.A., Duggan M.	Bulletin de Minéralogie (1980), 103, 530-532	USA - Arizona - Pinal County - Tiger - Mammoth mine	NHM-London	United Kingdom	CT	BM 1980,542
Macquarilite	1979-037	1980	Williams S.A., Duggan M.	Bulletin de Minéralogie (1980), 103, 530-532	USA - Arizona - Pinal County - Tiger - Mammoth mine	NMNH-Washington	USA	T	R18726
Madocite	1966-015	1967	Jambar J.L.	Can. Min. (1967), 9, 7-24	Canada - Ontario - Hastings County - Huntingdon Township, Lot 13, Con. XIV - Madoc, Taylor pit	GSC-Ottawa	Canada	CT	12146, 12178
Madocite	1966-015	1967	Jambar J.L.	Can. Min. (1967), 9, 7-24	Canada - Ontario - Hastings County - Huntingdon Township, Lot 13, Con. XIV - Madoc, Taylor pit	NMNH-Washington	USA	CT	160247
Madocite	1966-015	1967	Jambar J.L.	Can. Min. (1967), 9, 7-24	Canada - Ontario - Hastings County - Huntingdon Township, Lot 13, Con. XIV - Madoc, Taylor pit	ROM-Toronto	Canada	CT	M35896
Magadiite	1967-017	1967	Eugster H.P.	Science (1967), 157, 1177-1180	Kenya - Magada Lake - High Maghadi beds	ENSM-Paris	France	T	(don. H.P. Eugster, 1968, nr. 24118)
Magadiite	1967-017	1967	Eugster H.P.	Science (1967), 157, 1177-1180	Kenya - Magada Lake - High Maghadi beds	NMNH-Washington	USA	T	121336
Magbasite	1968 s.p.	1965	Semenov I.E., Khomyakov A.R., Bukova A.V.	Doklady Akademii Nauk SSSR (1965), 163/3, 718-719	China - Inner Mongolia Autonomous Region - Baotou Prefecture - Bayan Obo Mining District - Bayan Obo - Bayan Obo deposit (N41°42', E110°00')	FMM-Moscow	Russia	T	73225
Maghagendorffite	1979 s.p.	1979	Moore P.B., Ito J.	Min. Mag. (1979), 43, 227-235	USA - South Dakota - Pennington County - Keystone District - Dyke Lode granite				
Maghemite	2018 s.p.	1927	Wagner P.A.	Economic Geology (1927), 22, 846	South Africa - Bushveld Complex				
Maghrebite	2005-044	2007	Brugger J., Meisser N., Krivovichev S.W., Armbruster T., Favreau G.	Amer. Min. (2007), 92, 1630-1639	Morocco - Anti-Atlas - Ouarzazate Province - Bou Azzer District - Bou Azzer - Agthbar (Co-mine)	MGL-Lausanne	Switzerland	HT/CT	MGL 79792 (HT), MGL 79793 (CT), MGL 79794 (CT)
Magneso-arfvedsonite	2013-137	2015	Oberli R., Boiocchi M., Hawthorne F.C., Ball N.A., Harlow G.E.	Min. Mag. (2015), 79/2, 253-260	Myanmar - Kachin State - Jade Mine Tract near Hpakan	AMNH-New York	USA	HT	AMNH H35024
Magneso-ferri-fluoro-hornblende	2014-091	2016	Oberli R., Boiocchi M., Hawthorne F.C., Ball N.A., Chiappino L.	Min. Mag. (2016), 80/2, 269-275	Italy - Sardinia - Cagliari - 5.5 km northeast of Portoscuso - Seruci ignimbrites, along the coast road (N39°14'57.4", E8°24'19.4")	Mineralogical Museum of the Department of Earth and Environmental Sciences, University of Pavia-Pavia	Italy	HT	2014-01
Magneso-ferri-fluoro-hornblende	2014-091	2016	Oberli R., Boiocchi M., Hawthorne F.C., Ball N.A., Chiappino L.	Min. Mag. (2016), 80/2, 269-275	Italy - Sardinia - Cagliari - 5.5 km northeast of Portoscuso - Seruci ignimbrites, along the coast road (N39°14'57.4", E8°24'19.4")	Collection of Luigi Chiappino	Italy	T	Further samples
Magneso-fluoro-arfvedsonite	2012 s.p.	2000	Bazhenov A.G., Nedosekova I.L., Krinova T.V., Mironov A.B., Kvorov P.V.	ZVMO (2000), 129/6, 28-35	Russia - south Urals - Chelyabinsk Oblast - Miass - Ilmeny-Vishnevye Mts.	UDG-St. Petersburg	Russia	T	2876
Magneso-fluoro-arfvedsonite	2012 s.p.	2000	Bazhenov A.G., Nedosekova I.L., Krinova T.V., Mironov A.B., Kvorov P.V.	ZVMO (2000), 129/6, 28-35	Russia - South Urals - Ilmeny-Vishnevye Mountain (alkaline massif)	MSRI-Miass	Russia	T	
Magneso-fluoro-arfvedsonite	2012 s.p.	2000	Bazhenov A.G., Nedosekova I.L., Krinova T.V., Mironov A.B., Kvorov P.V.	ZVMO (2000), 129/6, 28-35	Russia - South Urals - Ilmeny-Vishnevye Mountain (alkaline massif)	MM-St. Petersburg	Russia	T	
Magneso-fluoro-hastingsite	2012 s.p.	2006	Bojar H.P., Walter F.	Eur. J. Min. (2006), 18, 503-508	Romania - Hunedoara county - 10 km east of Deva - Dealul Uroi (N45°52', E23°02')	Joanneum-Graz	Austria	T	83854-83855
Magneso-foitite	1998-037	1999	Hawthorne F.C., Selway J.B., Kato A., Matsubara S., Shimizu M., Grice J.D., Vajdak J.	Can. Min. (1999), 37, 1439-1443	Japan - Honshu - Yamanashi Prefecture - Higashi-Yamanashi-gun - Mitomi-Mura, Kyonosawa (at)	CMN-Ottawa	Canada	T	81566
Magneso-foitite	1998-037	1999	Hawthorne F.C., Selway J.B., Kato A., Matsubara S., Shimizu M., Grice J.D., Vajdak J.	Can. Min. (1999), 37, 1439-1443	Japan - Honshu - Yamanashi Prefecture - Higashi-Yamanashi-gun - Mitomi-Mura, Kyonosawa (at)	ROM-Toronto	Canada	T	M47672
Magneso-hastingsite	2012 s.p.	1928	Billings M.	Amer. Min. (1928), 13, 287-296	Canada - Québec - Montréal - Mont Royal - Canadian National Railway tunnel				

Magnesio-hornblende	2017-059	2018	Oberli R., Boiocchi M., Hawthorne F.C., Ciriotti M.E.	Min. Mag. (2018), 82/1, 145-157 and 82/6, 1253-1259	Namibia - Karas Region - Lüderitz (sand dunes of) [S26°38'52", E15°09'28"]	MMUPa-Pavia	Italy	HT	2017-01
Magnesio-lucchesiite	2019-025		Scribner E.D., Cempirek J., Groat L.A., Evans R.J.	Newsletter 50 in Min. Mag. (2019), 83, 615-620	Canada - Northwest Territories - O'Grady natholith (near) - Within a lamprophyre dyke	CMN-Ottawa	Canada	HT	CMNMC 87266
Magnesio-riebeckite	2012 s.p.	1957	Miyashiro A., Iwasaki M.	Journal of the Geological Society of Japan (1957), 63, 698-703	Bolivia - Cochabamba Department - Chapare province - Alto Chapare District				
Magnesioallerite	2020-050		Hexiong Yang, Gibbs R.B.,	Newsletter 57 in Eur. J. Min. (2020), 32, 495-499	USA - Arizona - Coconino Co., Vermilion Cliffs - Cliff Dwellers Lodge [N36°43'01", W111°54'36"]	UA-Tucson	USA	HT/CT	22042 [UA], R180015 (RRUFF Project)
Magnesioaubertite	1982-015	1988	Gebhard G., Medenbach O., Gebert W.	Der Aufschluss (1988), 39, 97-102	Italy - Sicilia - Messina - Isola Eolie - Isola Vulcano (Grotta del Faraglione)	NMNH-Washington	USA	CT	168433
Magnesioaubertite	1982-015	1988	Gebhard G., Medenbach O., Gebert W.	Der Aufschluss (1988), 39, 97-102	Italy - Sicilia - Messina - Isola Eolie - Isola Vulcano (Grotta del Faraglione)	RUB-Bochum	Germany	HT	
Magnesioeltrandoite-2N3S	2016-073	2018	Camara F., Cossio R., Regis D., Cerantola V., Ciriotti M.E., Compagnoni R.	Eur. J. Min. (2018), 30/3, 545-558	Italy - Valle d'Aosta - middle Valtournenche - Marmore stream [N45°49'36", E7°34'51"]	MRSN-Torino	Italy	HT	M/U17182
Magnesiobermanite	2018-115		Elliott P.	Newsletter 47 in Eur. J. Min. (2019), 31, 197-202	Australia - South Australia - 24 km N of Olary - Bimbowrie Conservation Park - White Rock No. 2 quarry [S32°04'51", E140°19'45"]	SAM-Adelaide	Australia	T	G34762
Magnesiocanutite	2016-057	2017	Kampf A.R., Nash B., Dini M., Molina Donoso A.A.	Min. Mag. (2017), 81/6, 1523-1531	Chile - Tarapaca Region - Iquique Province - Salar Grande - Torrecillas Hill - Torrecillas mine [S20°58'13", W70°08'17"]	LACMNH-Los Angeles	USA	HT/CT	66273 [HT], 66274 [CT]
Magnesioarpholite	1978-027	1983	Chopin C., Schreyer W.	American Journal of Science (1983), 283-A, 72-96	France - Auvergne-Rhône-Alpes - Savoie - Vanoise national park	ENSM-Paris	France	T	
Magnesiochloritoid	1987 s.p.	1963	Bearth P.	Schweizerische Mineralogische Petrographische Mitteilungen (1963), 43, 269-286	Switzerland - Wallis - Saas-Fee - Allalin area	NMBA-Basel	Switzerland	HT	Ad1
Magnesiochlorophoenicite	1981 s.p.	1935	Palache C.	U.S. Geological Survey, Professional Paper (1935), 180, 123-124	USA - New Jersey - Sussex County - Franklin	HMM-Cambridge	USA	HT	92803
Magnesiochromite		1873	Websky W.	Zeitschrift der Deutschen Geologischen Gesellschaft (1873), 25, 394-398	Germany - Saxony - Erzgebirge - Schwarzenberg District				
Magnesiocopiapite		1938	Berry L.G.	Amer. Min. (1938), 23/2, 3	USA - USA - California - Riverside County - Blythe				
Magnesiocoulsonite	1994-034	1995	Reznitskii L.Z., Sklyarov E.V., Ushchapovskaya Z.F.	ZVMO (1995), 124, n4, 91-98	Russia - Irkutskaya Oblast - Slyudyanka - Precambrian Slyudyanka complex	FMM-Moscow	Russia	T	88235-37
Magnesiodumortierite	1992-050	1995	Chopin C., Ferraris G., Ivaldi G., Scherff H.-P., Schreyer W., Compagnoni R., Davidson C., Davis A.M.	Eur. J. Min. (1995), 7, 525-535	Italy - Piemonte - Cueno - Southern Dora-Maira massif	MHN-Paris	France	CT	
Magnesiodumortierite	1992-050	1995	Chopin C., Ferraris G., Ivaldi G., Scherff H.-P., Schreyer W., Compagnoni R., Davidson C., Davis A.M.	Eur. J. Min. (1995), 7, 525-535	Italy - Piemonte - Cueno - Southern Dora-Maira massif	MRSN-Torino	Italy	CT	93005.1/2
Magnesioferite		1859	Rammelsberg C.	Annalen der Physik und Chemie (1859), 107, 451-454	Italy - Campania - Naples Province - Somma-Vesuvius Complex - Mt Vesuvius				
Magnesiofluckite	2017-103	2019	Kampf A.R., Nash B.P., Celestian A.J., Dini M., Molina Donoso A.A.	Min. Mag. (2019), 83/5, 655-671	Chile - Tarapaca Region - Iquique Province - Salar Grande - Torrecillas Hill - Torrecillas mine [S20°58'13", W70°08'17"]	LACMNH-Los Angeles	USA	HT	67257
Magnesiohafertite	2016-078		Pekov I.V., Lykova I.S., Koshlyakova N.N., Belakovskiy D.I., Vlasina M.F., Agakhanov A.A., Bilvin S.N., Turchikova A.G., Sidorov E.G., Giesler G.	Newsletter 34 in Min. Mag. (2016), 80/7, 1315-1321	Russia - Far-Eastern Region - Kamcharka Peninsula - Tolbachik volcano - Northern Breakthrough of the Great Tolbachik Fissure Eruption - Second scoria cone - Arenalnaya fumarole [N55°41', E160°14']	FMM-Moscow	Russia	T	4912/1
Magnesiohögbomite-2N2S	2001 s.p.	1917	Gavelin A.	Bulletin of the Geological Institution of the University of Upsala (1917), 15, 289-316	Sweden - Lappland - Jokkmokk - Kvikkjokk - Ruoutevare				
Magnesiohögbomite-2N3S	2001 s.p.	1963	McKie D.	Min. Mag. (1963), 33, 563-580	Tanzania - Dodoma Region - Kongwa District - Kongwa - Maulita Hill				
Magnesiohögbomite-2N4S	2010-084	2012	Shimura T., Akai J., Lazic B., Ambruster T., Shimizu M., Kamei A., Tsukada K., Owada M., Yuhara M.	Amer. Min. (2012), 97, 268-280	Antarctica - East Antarctica - Queen Maud Land - Sor Rondane Mountains - Koyubi Ridge [S71°40'-72°30', E21°45'-28°00']	NSM-Tokyo	Japan	T	NSM-MF15438
Magnesiohögbomite-2N4S	2010-084	2012	Shimura T., Akai J., Lazic B., Ambruster T., Shimizu M., Kamei A., Tsukada K., Owada M., Yuhara M.	Amer. Min. (2012), 97, 268-280	Antarctica - East Antarctica - Queen Maud Land - Sor Rondane Mountains - Koyubi Ridge [S71°40'-72°30', E21°45'-28°00']	Polar Science Museum-Tokyo	Japan	HT (part of)	NIPR-0073
Magnesiohögbomite-2N4S	2010-084	2012	Shimura T., Akai J., Lazic B., Ambruster T., Shimizu M., Kamei A., Tsukada K., Owada M., Yuhara M.	Amer. Min. (2012), 97, 268-280	Antarctica - East Antarctica - Queen Maud Land - Sor Rondane Mountains - Koyubi Ridge [S71°40'-72°30', E21°45'-28°00']	NU-Niigata	Japan	HT (part of)	NUMIN-NM02
Magnesiohögbomite-2N4S	2010-084	2012	Shimura T., Akai J., Lazic B., Ambruster T., Shimizu M., Kamei A., Tsukada K., Owada M., Yuhara M.	Amer. Min. (2012), 97, 268-280	Antarctica - East Antarctica - Queen Maud Land - Sor Rondane Mountains - Koyubi Ridge [S71°40'-72°30', E21°45'-28°00']	NMBE-Bern	Switzerland	HT (part of)	NMBE 41105
Magnesiohögbomite-6N12S	2020-029		Lykova I., Rowe R., Poirier G., Giesler G., Helwig K.	Newsletter 56 in Eur. J. Min. (2020), 32, 443-448	Canada - Ontario - Lanark County - Bathurst Township - DeWitts Corners area, lot 10, concession 1 [N44°49'47", W76°21'05"]	CMN-Ottawa	Canada	T	CMNMC 87484
Magnesiohögbomite-6N6S	2001 s.p.	1990	Schmetzer K., Berger A.	Neues Jahrbuch für Mineralogie Monatshefte (1990), 401-412	Tanzania - Iringa Region - Ludewa District - Lake Malawi - Liganga				
Magnesiohulsite	1983-074	1985	Yang Guangming, Peng Zhizhong, Pan Zhaoou	Acta Mineralogica Sinica (1985), 5/2, 97-101	China - Hunan Province - Hengyang Prefecture - Changning County - Dayi Mountain - Dayshan ore field - Qiliping deposit [Sn-Fe deposit] [N26°20'00", E112°29'30"]	CUG-Beijing	China	T	

Magnesiohornblende	2013-049	2013	Kampf A.R., Nash B.P., Dini M., Molina Donoso A.A.	Min. Mag. (2013), 77/8, 3081-3092	Chile - Tarapaca Region - Iquique Province - Salar Grande - Torrecillas Hill - Torrecillas mine (approx. S20°58'13", W70°08'17")	LACMNH-Los Angeles	USA	HT/CT/CT	64057 (HT), 64058 (CT), 64059 (CT)
Magnesiolepidite	2017-063	2019	Kampf A.R., Plasil J., Kasatkina A.V., Nash B.P., Marty J.	Min. Mag. (2019), 83, 349-360	USA - Utah - San Juan County - White Canyon District - Red Canyon - Markey mine (N37°32'57", W110°18'08")	LACMNH-Los Angeles	USA	CT	66647, 66648, 66649, 66650
Magnesioepidote	2009-009	2011	Zadov A.E., Gazeev V.M., Karimova O.V., Pertsev N.N., Pekov I.V., Galuskin E.V., Galuskin I.O., Gurbanov A.G., Belakovskiy D.I., Borishovskiy S.E., Karashov P.M., Ivanova A.G., Yakubovich O.V.	ZRMO (2011), 140/1, 57-66	Russia - North Caucasus - Kabardino-Balkaria - near Mount Lakargi - Upper Chegem caldera	FMM-Moscow	Russia	T	3747/1
Magnesioferite-2N1S	2001 s.p.	1989	Chen Jingzhong, Yang Guangming, Pan Zhaolu, Ling Hong, Shi Nicheng, Peng Zhizhong	Earth Science - Journal of Wuhan College of Geology (1989), 14, 413-422	China - Hunan Province - Yiyang Prefecture - Anhua County - Baiwu mining district	CUG-Beijing	China	T	
Magnesioferite-6N6S	2001 s.p.	1989	Chen Jingzhong, Yang Guangming, Pan Zhaolu, Ling Hong, Shi Nicheng, Peng Zhizhong	Earth Science - Journal of Wuhan College of Geology (1989), 14, 413-422	China - Hunan Province - Yiyang Prefecture - Anhua County - Baiwu mining district	NMG-Beijing	China	T	M09633
Magnesioopasite	2007-025	2008	Kampf A.R., Steele I.M.	Can. Min. (2008), 46, 679-686	USA - Utah - San Juan County - La Sal (near) - Blue Cap mine (N38°21'14", W109°03'39")	LACMNH-Los Angeles	USA	CT	58610, 58611
Magnesiorowandite-(Y)	2012-010	2014	Matsubara S., Miyawaki R., Yokoyama K., Shigeoka M., Momma K., Yamamoto S.	Journal of Mineralogical and Petrological Sciences (2014), 109, 109-117	Japan - central Japan - Mie Prefecture - Komono - Sauri Valley	NSM-Tokyo	Japan	T	NSM-M43624
Magnesioastorite	1992-035	2003	Chopin C., Goffe B., Ungaretti L., Oberli R.	Eur. J. Min. (2003), 15, 167-176	Italy - Italian Western Alps - Dora-Maira massif	ENSM-Paris	France	T	56244
Magnesioastorite-2N'2S	2001 s.p.	1951	Anderson B.W., Payne C.J., Hey M.H.	Min. Mag. (1951), 29, 765-772	Sri Lanka - Sabaragamuwa Province - Rathnapura District - Rathnapura - Niriella Village (very probably)	NHM-London	United Kingdom	HT	BM 1967,309
Magnesioastorite-6N'3S	2001 s.p.	1967	Hudson D.R., Wilson A.F., Threadgold I.M.	Min. Mag. (1967), 36, 305-310	Australia - South Australia - Musgrave Ranges - Ernabella Mission (16 km NNE of) (S26°15', E132°10')	WAM-Perth	Australia	HT (1/3)	M70.1991
Magnesioastorite-6N'3S	2001 s.p.	1967	Hudson D.R., Wilson A.F., Threadgold I.M.	Min. Mag. (1967), 36, 305-310	Australia - South Australia - North West Province - Musgrave Ranges - Ernabella Mission (16 km NNE of) (S26°15', E132°10')	UQL-Brisbane	Australia	HT (2/3)	V014820
Magnesioesuvianite	2015-104	2017	Panikirovskii T.L., Shilovskikh V.V., Avdonseva E.U., Zolotarev A.A., Karpenko V.Y., Mazur A.S., Yakovenchuk V.N., Bazai A.V., Krivovichev S.V., Pekov I.V.	Journal of Geosciences (2017), 62/1, 25-36	North Macedonia - Lojane (near) - Tuydo combe	FMM-Moscow	Russia	HT	59783
Magnesiovoltaite	2015-095	2016	Chukanov N.V., Aksenov S.M., Rastsvetlova R.K., Möhn G., Rusakov V.S., Pekov I.V., Scholz R., Eremina T.A., Belakovskiy D.I., Lorenz J.A.	Eur. J. Min. (2016), 28, 1005-1017	Chile - Antofagasta region - El Loa province - Calama - 3 km SW of railroad station of Cerritos Bayos - Cerro Alcaparrosa - Alcaparrosa mine	FMM-Moscow	Russia	HT/CT	4780/1, 4780/2
Magnesiozippite	1971-007	1976	Fronzel C., Ito J., Honea R.M., Weeks A.M.	Can. Min. (1976), 14, 429-436	USA - Utah - Emery County - San Rafael District - Lucky Strike Mine no. 2	MGL-Lausanne	Switzerland	NT	MGL 54060
Magnesiozippite	1971-007	1976	Fronzel C., Ito J., Honea R.M., Weeks A.M.	Can. Min. (1976), 14, 429-436	USA - Utah - Emery County - San Rafael District - Lucky Strike Mine no. 2	Harvard University-Boston	USA	HT	2000-G
Magnetite	1962 s.p.	1808	Karsten D.L.G.	Mineralogische Tabellen, 2nd ed. Rottmann, Berlin (1808), 48	Italy - Piedmont - Torino Province - Canavese District - Baldissero Canavese - Betholino				
Magnesiumchlorophenite	1981 s.p.	1935	Palache C.	U.S. Geological Survey, Professional Paper (1935), 180, 123-124	USA - New Jersey - Sussex County - Franklin	NMNH-Washington Type: HT (part of)/T	USA	HT	147729 and 096495
Magnetite		1845	Haidinger W.	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 546-555	Greece - Magnesia (?)				
Magnetoplumbite		1925	Aminoff G.	Geologiska Föreningens i Stockholm Förhandlingar (1925), 47, 283-289	Sweden - Värmland - Filipstad - Filipstad - Langban, Amerikastöpe	SMNH-Stockholm	Sweden	HT	24639
Magnioisilite		1957	Chernikov A.A., Krutetskaya O.V., Sidel'nikova V.D.	Atomnaya Energiya Voprosy Geologii Urana, Supplement (1957), 6, 61-65	Tajikistan - Viloyati Sogd - Khodzhen - Kyzyltub-Sai - Otkryabr'skoye (U-deposit)				
Magnolite		1877	Genth F.A.	Proceedings of the American Philosophical Society (1877), 17, 113-123	USA - Colorado - Boulder County - Magnolia Mining district - Keystone mine	HMM-Cambridge	USA	T	112683
Magnolite		1877	Genth F.A.	Proceedings of the American Philosophical Society (1877), 17, 113-123	USA - Colorado - Boulder County - Magnolia Mining district - Keystone mine	NMNH-Washington	USA	T	165455
Magnussonite	1984 s.p.	1956	Gabrielson O.	Arkiv för Kemi, Mineralogi och Geologi (1956), 2, 133-135	Sweden - Värmland - Filipstad - Filipstad - Langban, Hindenburgstöpe	HMM-Cambridge	USA	T	106140 and 106637
Magnussonite	1984 s.p.	1956	Gabrielson O.	Arkiv för Kemi, Mineralogi och Geologi (1956), 2, 133-135	Sweden - Värmland - Filipstad - Filipstad - Langban, Hindenburgstöpe	NHM-London	United Kingdom	CT	BM 1963,233
Magnussonite	1984 s.p.	1956	Gabrielson O.	Arkiv för Kemi, Mineralogi och Geologi (1956), 2, 133-135	Sweden - Värmland - Filipstad - Filipstad - Langban, Hindenburgstöpe	SMNH-Stockholm	Sweden	HT	g32215
Mahnertite	1994-035	1996	Sarp H.	Archives des Sciences Genève (1996), 49/2, 119-124	France - Provence-Alpes-Côte d'Azur - Var dép. - Pradet, near - Cap Garonne mine (Cu-Pb mine)	MHN-Genève	Switzerland	HT	477.084, 477.086, 477.092
Mahnertite	1994-035	1996	Sarp H.	Archives des Sciences Genève (1996), 49/2, 119-124	France - Provence-Alpes-Côte d'Azur - Var dép. - Pradet, near - Cap Garonne mine (Cu-Pb mine)	MHN-Paris	France	T	199.175, 199.176
Maikinite	1992-038	2003	Spiridonov E.M.	Doklady Earth Sci. (2003), 393A, 1329-1332	Kazakhstan - Maikan deposit (polymetallic massive sulfide deposit)	FMM-Moscow	Russia	T	
Majakite	1974-038	1976	Genkin A.D., Evstigneeva T.L., Troneva N.V., Vyal'sov L.N.	ZVMO (1976), 105, 698-703	Russia - Krasnoyarskiy Krai - Noril'sk - Talnakh - Malak mine	FMM-Moscow	Russia		
Majakite	1974-038	1976	Genkin A.D., Evstigneeva T.L., Troneva N.V., Vyal'sov L.N.	ZVMO (1976), 105, 698-703	Russia - Krasnoyarskiy Krai - Noril'sk - Talnakh - Malak mine	IGEM-Moscow	Russia		
Majindite	2012-079	2016	Ma Chi, Beckett J.R.	Amer. Min. (2016), 101, 1161-1170	Meteorite-Mexico - Meteorite Allende - Chihuahua - Pueblito de Allende	NMNH-Washington	USA	T	USNM 7615
Majorite	1969-018	1970	Smith J.V., Mason B.	Science (1970), 168, 832-833	Meteorite-Australia - Western Australia, Eucla, Rawlinna (near) (S30°27', E126°04') - Meteorite Coorara - Stone, Olivine-hypersthene Chondrite, L6	NMNH-Washington	USA	T	122379

Majzlanite	2018-016	2020	Siidra O.J., Nazarchuk E.V., Zaitsev A.N., Shilovskikh V.V.	Min. Mag. (2020), 84, 153-158	Russia - Far-Eastern Region - Kamchatka Peninsula - Tolbachik volcano - Northern Breakthrough of the Great Tolbachik Fissure Eruption - Tolbachik volcano - Second scoria cone - Yadoviltaya (poisonous) fumarole (N55°50', E160°20')	MM-St. Petersburg	Russia	T	1/19690
Makarochkinite	2002-009a	2005	Grew E.S., Barbier J., Britten J., Yates M.G., Polyakov V.O., Shcherbakova E.P., Halenius U., Shearer C.K.	Amer. Min. (2005), 90, 1402-1412	Russia - Southern Urals - Chelyabinsk Oblast' - Il'men State Reserve - Il'men Mountains - Lake Ishkul'	FMM-Moscow	Russia	T	89351
Makarochkinite	2002-009a	2005	Grew E.S., Barbier J., Britten J., Yates M.G., Polyakov V.O., Shcherbakova E.P., Halenius U., Shearer C.K.	Amer. Min. (2005), 90, 1402-1412	Russia - Southern Urals - Chelyabinsk Oblast' - Il'men State Reserve - Il'men Mountains - Lake Ishkul'	MSRI-Miass	Russia	NT	400Shch-6
Makarochkinite	2002-009a	2005	Grew E.S., Barbier J., Britten J., Yates M.G., Polyakov V.O., Shcherbakova E.P., Halenius U., Shearer C.K.	Amer. Min. (2005), 90, 1402-1412	Russia - Southern Urals - Chelyabinsk Oblast' - Il'men State Reserve - Il'men Mountains - Lake Ishkul'	NMNH-Washington	USA	NT	NMNH 174051
Makarochkinite	2002-009a	1986	Polyakov V.O., Cherepivskaya G.E., Shcherbakova E.P.	'New and poorly stud. min. and min. assembl. of the Urals', Sverdlovsk (1986) 108-110	Russia - Ural (S) - Chelyabinsk Oblast' - Miass, Ilmeny Mts. - Ishkul' Mt. (E slope of, pit no. 400)	FMM-Moscow	Russia	T	
Makarochkinite	2002-009a	1986	Polyakov V.O., Cherepivskaya G.E., Shcherbakova E.P.	'New and poorly stud. min. and min. assembl. of the Urals', Sverdlovsk (1986) 108-110	Russia - Ural (S) - Chelyabinsk Oblast' - Miass, Ilmeny Mts. - Ishkul' Mt. (E slope of, pit no. 400)	MM-St. Petersburg	Russia	T	2529/2
Makarochkinite	2002-009a	1986	Polyakov V.O., Cherepivskaya G.E., Shcherbakova E.P.	'New and poorly stud. min. and min. assembl. of the Urals', Sverdlovsk (1986) 108-110	Russia - Ural (S) - Chelyabinsk Oblast' - Miass, Ilmeny Mts. - Ishkul' Mt. (E slope of, pit no. 400)	MSRI-Miass	Russia	T	iz5662
Makarochkinite	2002-009a	1986	Polyakov V.O., Cherepivskaya G.E., Shcherbakova E.P.	'New and poorly stud. min. and min. assembl. of the Urals', Sverdlovsk (1986) 108-110	Russia - Ural (S) - Chelyabinsk Oblast' - Miass, Ilmeny Mts. - Ishkul' Mt. (E slope of, pit no. 400)	VGM-Moscow	Russia	CT	56028
Makafite	1969-003	1970	Sheppard R.A., Gude A.J., Hay R.L.	Amer. Min. (1970), 55, 358-366	Kenya - Rift Valley - Lake Magadi (drill hole B, 88.5 and 95.5 foot depth)	NMNH-Washington	USA	CT	122170
Mäkinenite	1967 s.p.	1964	Vuorelainen Y., Huhma H., Häkkl A.	Comptes Rendus de la Société Géologique de Finlande (1964), 36, 113-125	Finland - Oulun Lääni (NR part of the) - Kuusamo - Kitka river (Valley of the)	ENSM-Paris	France	CT	
Makovickyite	1986-027	1994	Zak L., Fryda J., Mummé W.G., Paar W.H.	Neues Jahrbuch für Mineralogie Abhandlungen (1994), 168, 127-145	Austria - Salzburg - Pinzgau - Felbertal	CUP-Praha	Czech Republic	CT	
Makovickyite	1986-027	1994	Zak L., Fryda J., Mummé W.G., Paar W.H.	Neues Jahrbuch für Mineralogie Abhandlungen (1994), 168, 127-145	Romania - Transilvania - Apuseni Mts. - Baila Bihorulul	CUP-Praha	Czech Republic	CT	
Makovickyite	1986-027	1994	Zak L., Fryda J., Mummé W.G., Paar W.H.	Neues Jahrbuch für Mineralogie Abhandlungen (1994), 168, 127-145	Romania - Transilvania - Apuseni Mts. - Baila Bihorulul	NMNH-Praha	Czech Republic	CT	
Makovickyite	1986-027	1994	Zak L., Fryda J., Mummé W.G., Paar W.H.	Neues Jahrbuch für Mineralogie Abhandlungen (1994), 168, 127-145	Austria - Salzburg - Pinzgau - Felbertal	NM-Praha	Czech Republic	CT	
Malachite		1747	Wallerius J.G.	Mineralogia, eller Mineralriket, Lars Salvius, Stockholm (1747), 279	Unknown!				
Malanite	1995-003	1996	Yu Zuxiang	Acta Geologica Sinica (1996), 70/4, 309-314	China - Hebei Province - Tangshan Prefecture - Zunhua County - 150 km east of Beijing - town of Zunhua (near) - Malan River valley	NMG-Beijing	China	T	M10172
Malanite	1995-003	1996	Yu Zuxiang	Acta Geologica Sinica (1996), 70/4, 309-314	China - Hebei Province - Tangshan Prefecture - Zunhua County - 150 km east of Beijing - town of Zunhua (near) - Malan River valley	IGchem-CAS-Beijing	China	T	M10172
Malayaite	1964-024	1965	Alexander J.B., Flinler B.H.	Min. Mag. (1965), 35, 622-627	Malaysia - Perak - Balang Padang district - Chenderiang Sungai Loh [N 4°12'30", E101°12'15"]	NHM-London	United Kingdom	T	
Maldonite		1969	Ulrich G.H.F.	Neues Jahrbuch für Mineralogie, Geologie und Paläontologie (1969), 3, 287-288	Australia - Victoria - Mount Alexander Shire - Maldon - Nuggety Reef				
Maleevite	2002-027	2004	Pautov L.A., Agakhanov A.A., Sokolova E., Hawthorne F.C.	Can. Min. (2004), 42, 107-119	Tajikistan - northern Tajikistan - Tien Shan - Garmisk district - Alai range - Darai-Pioz alkaline massif - moraine of the glacier	FMM-Moscow	Russia	HT	
Maletoyvayamite	2019-021		Tolstykh N.D., Tuhay M., Vymazalova A., Plasil J., Laufek F., Kasatkina A.V., Nestola F., Bobrova O.V.	Min. Mag. (2020), 84, 117-123	Russia - Far East Region - central Kamchatka volcanic belt - Koryak Highland (southwestern part) - Maletoyvayam ore field - Galching occurrence [N60°19'51.87", E164°46'25.65"]	CSGM-Novosibirsk	Russia	HT	5369/1
Mahmoodite	1992-001	1993	Milton C., McGee J.J., Evans H.T.	Amer. Min. (1993), 78, 437-440	USA - Arkansas - Garland County - Wilson Springs - Union Carbide V-mine	NMNH-Washington	USA	T	
Malinkoite	2000-009	2000	Khomyakov A.P., Nechelyustov G.N., Sokolova E.V., Hawthorne F.C.	ZVMO (2000), 129/6, 35-42	Russia - Kola Peninsula - Lovozero massif - Kamasurt and Alluagiv Mts.	FMM-Moscow	Russia	T	2613/1
Malladrite		1926	Zambonini F., Carobbi G.	Atti R. Accad. Lincei, Rend. Cl. Sci. fis. mat. nat., Roma (1926), ser.6, 4, 171-175	Italy - Campania - Napoli - Vesuvio, Monte Somma	MMUFI-Firenze	Italy	HT	226/I
Mallardite		1879	Camot A.	Bulletin de la Société Minéralogique de France (1879), 2, 117-119	USA - Utah - Salt Lake County - Bingham District, Butterfield Canyon (near) - Lucky Boy Silver mine	MHN-Paris	France	T	961.32
Mallestigite	1996-043	1998	Sima I.	Mitteilungen der Österreichischen Mineralogischen Gesellschaft (1998), 143, 225-227	Austria - Carinthia - Karawanken - Finkenstein - Mallestiger Mittagkogel Mt. - Neufinkenstein-Grabanz District				
Malyshevite	2006-012	2006	Chernikov A.A., Chistyakova N.I., Uvarkina O.M., Dubinchuk V.T., Rassulov V.A., Polekhovsky Y.S.	New Data on Minerals (2006), 41, 14-17	Russia - Southern Karelia - Srednyaya Padma ore deposit (U-V)	FMM-Moscow	Russia	T	3356/1
Mambertite	2013-098	2015	Orlandi P., Biagioli C., Pasero M., Demarlin F., Compostini I., Merlino S.	Eur. J. Min. (2015), 27, 405-415	Italy - Sardinia - Su Seingurgiu	MSN-UP-Calci (Pisa)	Italy	HT	19682
Mammothite	1983-076a	1985	Peacor D.R., Dunn P.J., Schnorrer-Köhler G., Bideaux R.A.	Mineralogical Record (1985), 16/2, 117-120	Greece - Attica - Lavrion (second TL)	MSU-Göttingen	Germany	CT	
Mammothite	1983-076a	1985	Peacor D.R., Dunn P.J., Schnorrer-Köhler G., Bideaux R.A.	Mineralogical Record (1985), 16/2, 117-120	USA - Arizona - Pinal County - Tiger - Mammoth mine	NMNH-Washington	USA	HT/T	161200 and 141368

Mammothite	1983-076a	1985	Peacor D.R., Dunn P.J., Schnorrer-Köhler G., Bideaux R.A.	Mineralogical Record (1985), 16, n. 2, 117-120	USA - Arizona - Pinal County - Mammoth District - Tiger - Mammoth-Saint Anthony mine	MSU-Göfingen	Germany	CT	6.4.45.1
Manaveite-(Ce)	2018-046	2020	Moiseev M.M., Panikarovskii T.L., Aksenov S.M., Mazur A.S., Mikhailova J.A., Yakovenchuk V.N., Bazai A.V., Ivanyuk G.Yu., Agakhanov A.A., Shilovskikh V.V., Pekov I.V., Kasatkina A.V., Rusakov V.S., Yapaskurt V.O., Karpenko V.Y., Krivovichev S.V.	Physics and Chemistry of Minerals (2020), 47, 18	Russia - Kola Peninsula - Kovdor massif	FMM-Moscow	Russia	T	5075/1
Manaveite-(Ce)	2018-046	2020	Moiseev M.M., Panikarovskii T.L., Aksenov S.M., Mazur A.S., Mikhailova J.A., Yakovenchuk V.N., Bazai A.V., Ivanyuk G.Yu., Agakhanov A.A., Shilovskikh V.V., Pekov I.V., Kasatkina A.V., Rusakov V.S., Yapaskurt V.O., Karpenko V.Y., Krivovichev S.V.	Physics and Chemistry of Minerals (2020), 47, 18	Russia - Kola Peninsula - Kovdor massif	UDG-St. Petersburg	Russia	T	1/19666
Manaksite	1990-024	1992	Khomyakov A.P., Kurova T.A., Nechelyustrov G.N.	ZVMO (1992), 121, n.1, 112-115	Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt.	FMM-Moscow	Russia	T	p575/3
Manaksite	1990-024	1992	Khomyakov A.P., Kurova T.A., Nechelyustrov G.N.	ZVMO (1992), 121, n.1, 112-115	Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt.	MGL-Lausanne	Switzerland	T	MGL 58953
Manandonite		1912	Lacroix A.	Comptes Rendus Académie des Sciences de Paris (1912), 155, 446	Madagascar - Manandona river (near the)	MHN-Paris	France	CT/IT	112.420, 125.121/2 ff
Mandarininite	1977-049	1978	Dunn P.J., Peacor D.R., Sturman B.D.	Can. Min. (1978), 16, 605-609	Bolivia - Potosí Dep. - Iliaco near Colquechaca - Pacajake mine	NMNH-Washington	USA	HT	142878
Maneckite	2015-056	2017	Pieczka A., Hawthorne F.C., Golebiowski B., Włodak A., Gruchowina A.	Min. Mag. (2017), 81/3, 723-736	Poland - Lower Silesia - Gory Sowie Block - Michalkowa pegmatite (N50°45', E16°27')	MMUW-Wrocław	Poland	HT/CT	MMWf IV7674 (HT), MMWf IV7677 (CT)
Manganarsite	1985-037	1986	Peacor D.R., Dunn P.J., Simmons W.B., Wicks F.J.	Amer. Min. (1986), 71, 1517-1521	Sweden - Värmland - Filipstad - Filipstad - Langban	NMNH-Washington	USA	T	R5795
Manganbabingtonite	1971 s.p.	1966	Vinogradova R.A., Sychkova V.A., Kabalov Yu.R.	Doklady Akademii Nauk SSSR (1966), 169/2, 434-437	Russia - Siberia - Krasnoyarsk Territory - Rudnyi Kaskad (Ore Cascade) - Borehole no. 580 (depth 67 m.)	FMM-Moscow	Russia	T	72039
Manganbelyankinite		1957	Semenov E.I.	Akademiya Nauk SSSR, Trudy Institut Mineralogii, Geokhimii i Kristallografii Redkikh Elementov (1957), 1, 41-59	Russia - Kola Peninsula - Lovozero alkaline massif - Kedyverpakht Mt. - pegmatite No. 31	FMM-Moscow	Russia	T	vis6437
Manganberzelite		1894	Igelström L.J.	Zeitschrift für Kristallographie, Mineralogie und Petrographie (1894), 23, 590	Sweden - Värmland - Filipstad - Langban				
Manganeseshadunite		1973	Evsigineeva T.L., Genkin A.D., Troneva N.V., Filimonova A.A., Tsepkin A.I.	ZVMO (1973), 102/1, 63-74	Russia - Krasnoyarskiy Krai - Noril'sk - Talnakh - Oktyabr deposit	FMM-Moscow	Russia	T	
Manganflurite	2017-076	2019	Kampf A.R., Grey I.E., MacRae C.M., Keck E.	Eur. J. Min. (2019), 31, 127-134	Germany - Bavaria - Oberpfalz - Hagendorf - Hagendorf-Süd pegmatite - Cornelia Mine Open Cut (N49°39'01", E12°27'35")	LACMNH-Los Angeles	USA	HT	66682
Manganflurite	2017-076	2019	Kampf A.R., Grey I.E., MacRae C.M., Keck E.	Eur. J. Min. (2019), 31, 127-134	Germany - Bavaria - Oberpfalz - Hagendorf - Hagendorf-Süd pegmatite - Cornelia Mine Open Cut (N49°39'01", E12°27'35")	LACMNH-Los Angeles	USA	CT	66731
Mangangordonite	1989-023	1991	Leavens P.B., White J.S., Robinson G.W., Nelen J.A.	Neues Jahrbuch für Mineralogie Monatshefte (1991), 169-176	USA - North Carolina - Cleveland County - Kings Mountains (near) - Foote Mineral Company Spodumene mine	CMN-Ottawa	Canada	CT	54513
Mangangordonite	1989-023	1991	Leavens P.B., White J.S., Robinson G.W., Nelen J.A.	Neues Jahrbuch für Mineralogie Monatshefte (1991), 169-176	USA - North Carolina - Cleveland County - Kings Mountains (near) - Foote Mineral Company Spodumene mine	NMNH-Washington	USA	CT	162695
Manganhumite	1969-021	1978	Moore P.B.	Min. Mag. (1978), 42, 133-136	Sweden - Värmland - Filipstad - Filipstad - Nordmark, Brattforsgruvan	HMM-Cambridge	USA	HT	119819
Manganhumite	1969-021	1978	Moore P.B.	Min. Mag. (1978), 42, 133-136	Sweden - Värmland - Filipstad - Filipstad - Nordmark, Brattforsgruvan	NMNH-Washington	USA	HT/T	137016 + 162626
Mangani-dellaventrailite	2012 s.p.	2005	Tait K.T., Hawthorne F.C., Grice J.D., Ottolini L., Nayak V.K.	Amer. Min. (2005), 90, 304-309	India - Madhya Pradesh - Jhabua District - Kajidongri Manganeze Mine	CMN-Ottawa	Canada	HT	
Mangani-oberillite	2012 s.p.	2000	Hawthorne F.C., Cooper M.A., Grice J.D., Ottolini L.	Amer. Min. (2000), 85, 236-241	Germany - Rheinland-Pfalz - Eifel - Laacher lake volcano area, Mayen (2 km N of) - Bellerberg	CMN-Ottawa	Canada	HT	
Mangani-oberillite	2012 s.p.	2000	Hawthorne F.C., Cooper M.A., Grice J.D., Ottolini L.	Amer. Min. (2000), 85, 236-241	Germany - Eifel region - Laacher See district - Bellerberg quarry	CMN-Ottawa	Canada	HT	
Mangani-pargasite	2018-151		Halenius U., Bosi F., Jonsson E.	Periodico di Mineralogia (2020), 89, 125-xxx	Sweden - Bergslagen ore province - Värmland - Filipstad district - Langban deposit (N59.86°, E14.26°)	SMNH-Stockholm	Sweden	T	NRM20100001
Manganiakaskaitite-(La)	2017-028	2019	Biagioni C., Bonazzi P., Pasero M., Zaccarini F., Bolestra C., Bracco R., Ciriotti M.E.	Minerals (2019), 9, 353	Italy - Piedmont - Cuneo Province - Varaita Valley - Bellino - Monte Maniglia mine (Mn deposit) (N44°33'42.5", E6°54'59.2")	MSN-UP-Calci (Pisa)	Italy	T	19907
Manganianandrosite-(Ce)	2002-049	2006	Cenki-Tok B., Ragu A., Ambruster T., Chapin C., Medenbach O.	Eur. J. Min. (2006), 18, 569-582	Italy - Aosta valley - Saint-Marcel - Prabarona mine (Mn mine)	ENSM-Paris	France	T	73951 or 73952
Manganianandrosite-(La)	1994-048	1996	Bonazzi P., Menchetti S., Reinecke T.	Amer. Min. (1996), 81, 735-742	Greece - Cyclades - Andros Island - Plateau of Petalon Mt. (950m alt.)	MMUFI-Firenze	Italy	T	2074/RI
Manganiceladonite	2015-052	2017	Lepore G.O., Bindi L., Di Benedetto F., Mugnaioli E., Viti C., Zanetti A., Ciriotti M.E., Bonazzi P.	Min. Mag. (2017), 81/1, 167-173	Italy - Eastern Liguria - La Spezia - Val di Vara - Faggiona (near) - Cerchiara mine (N44°11'58", E9°42'01")	MMUFI-Firenze	Italy	HT	3164/I
Manganilvaite	2012-016 faux !!!	2005	Bonev I., Vassileva R.D., Zotov N., Kouzmanov K.	Can. Min. (2003), 43, 1027-1042	Bulgaria - Rhodope Mountains - Ossikovo deposit (skarn deposits)	Bulgarian Academy of Sciences-Sofia	Bulgaria	T	M1.2003.5-6
Manganite		1826	Haidinger W.	Edinburgh Journal of Science (1826), 4, 41-50	Germany - Thuringia - Harz - Nordhausen - Ilfeld - Manganese deposit				
Manganiotharmeyerite	2001-026	2002	Brugger J., Krivovichev S.V., Kolitsch U., Meisser N., Andrut M., Ansermet S., Burns P.C.	Can. Min. (2002), 40/7, 1597-1608	Switzerland - Graubünden - Val Ferrera - Mine Starlera	MGL-Lausanne	Switzerland	HT/CT	MGL 54000, MGL 54014
Mangano-ferri-eckermannite	2012 s.p.	1969	Nambu M., Tanida K., Kitamura T.	Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologist (1969), 62, 311-328	Japan - Honshu Island - Tohoku Region - Iwate Prefecture - Shimohei-gun - Tanohata-mura - Tanohata mine	UMT-Tokyo	Japan	T	

Mangano-manganit-ungareitite	2012 s.p.	1995	Hawthorne F.C., Oberli R., Cannillo E., Sardone N., Zanetti A., Grice J.D., Ashley P.M.	Amer. Min. (1995), 80, 165-172	Australia - New South Wales - Grenfell (3 km W of) - Hoskins mine [S33°54', E148°10']	CMN-Ottawa	Canada	HT	81517
Manganoarjadite-(KNa)	2020-003	2020	Lykova I., Rowe R., Poirier G., Helwig K., Fris H.	Min. Mag. (2020), 84, 932-940	USA - New Hampshire - Grafton County - Palermo No. 1 mine [N43°45'04", W71°53'22"]	CMN-Ottawa	Canada	T	CMNMC 47194
Manganobadalovite	2020-035		Koshlyakova N.N., Pekov I.V., Belakovskiy D.J., Vigasina M.F., Zubkova N.V., Agakhanov A.A., Britvin S.N., Sidorov E.G., Pushcharovskiy D.Y.	Newsletter 57 in Eur. J. Min. (2020), 32, 495-499	Russia - Far-Eastern Region - Kamchatka peninsula - Tolbachik volcano - Northern Breakthrough of the Great Tolbachik Fissure Eruption - Second scoria cone - Arsenatnaya fumarole [N55°41', E160°14']	FMM-Moscow	Russia	T	5487/1
Manganoblödite	2012-029	2013	Kasatkina A.V., Nestola F., Plasil J., Marty J., Belakovskiy D.J., Agakhanov A.A., Mills S.J., Pedron D., Lanza A., Favaro M., Bianchini S., Lykova I.S., Gollas V., Birch W.D.	Min. Mag. (2013), 77/3, 367-383	USA - Utah - San Juan County - White Canyon District - Blue Lizard mine [N37°33'26", W110°17'44"]	FMM-Moscow	Russia	CT	4257/1
Manganoblödite	2012-029	2013	Kasatkina A.V., Nestola F., Plasil J., Marty J., Belakovskiy D.J., Agakhanov A.A., Mills S.J., Pedron D., Lanza A., Favaro M., Bianchini S., Lykova I.S., Gollas V., Birch W.D.	Min. Mag. (2013), 77/3, 367-383	USA - Utah - San Juan County - White Canyon District - Blue Lizard mine [N37°33'26", W110°17'44"]	MOV-Melbourne	Australia	CT	M52196
Manganochromite	1975-020	1978	Graham J.	Amer. Min. (1978), 63, 1166-1174	Australia - South Australia - Brunkunga - Nairne Pyrite deposit - Sheppard Hill quarry [S35°02', E138°55']	WAM-Perth	Australia	HT	M65.1991
Manganoedialyte	2009-039	2010	Nomura S.F., Alencio D., Chukanov N.V., Rastsvetaeva R.K., Coutino J.M.V., Kaipidis T.K.	ZRMO (2010), 139/4, 35-47	Brazil - Minas Gerais - Poços de Caldas alkaline massif	Museu de Geociências, Instituto de Geociências, Universidade de São Paulo	Brazil	T	DR704
Manganoedialyte	2009-039	2010	Nomura S.F., Alencio D., Chukanov N.V., Rastsvetaeva R.K., Coutino J.M.V., Kaipidis T.K.	ZRMO (2010), 139/4, 35-47	Brazil - Minas Gerais - Poços de Caldas alkaline massif	Natural History Museum-Luxembourg	Luxembourg	CT	DR704
Manganohörmesite	2007 s.p.	1951	Gabrielsson O.	Arkiv för Mineralogi och Geologi (1951), 1, 333-337	Sweden - Värmland - Filipstad - Filipstad - Langban	SMNH-Stockholm	Sweden	HT	251065
Manganokaskasite	2013-026	2014	Pekov I.V., Yapakurt V.O., Polekhovskiy Y.S., Vigasina M.F., Sidorov E.G.	Min. Mag. (2014), 78/3, 663-679	Russia - Kola Peninsula - Khibiny alkaline complex - Mt Kaskasnyunchor	FMM-Moscow	Russia	T	94232
Manganokhomiyakite	1998-043	1999	Johnsen O., Gault R.A., Grice J.D., Ercit T.S.	Can. Min. (1999), 37, 893-899	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	CMN-Ottawa	Canada	CT	CMNMC 81558/9
Manganokisvumite	2002-029	2004	Gault R.A., Ercit T.S., Grice J.D., Van Vellhuizen J.	Can. Min. (2004), 42, 781-785	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	CMN-Ottawa	Canada	CT/CT	CMNMC 83392, 83393
Manganolangbeinite		1924	Zamboni F., Carobbi G.	Rend. Accad. Sci. fis. mat., Napoli (1924) ser.3, 30, 126	Italy - Campania - Napoli - Vesuvio, Monte Somma	MMUFI-Firenze	Italy	HT	1975/1
Manganonaujakasite	1999-031	2000	Khomiyakov A.P., Neechlyustov G.N., Ferraris G., Ivaldi G.	ZVMO (2000), 129, n4, 48-53	Russia - Kola Peninsula - Lovozero massif	FMM-Moscow	Russia	T	2528/1 and 2528/2
Manganoneptunite	2007 s.p.	1923	Fersman A.E.	Transactions of the Northern Scientific and Economic Expedition (1923), 16, 16-73	Russia - Kola Peninsula - Khibiny alkaline massif - Malyi Mannepakh Mt.				
Manganonordite-(Ce)	1997-007	1998	Pekov I.V., Chukanov N.V., Kononkova N.N., Belakovskiy D.J., Pushcharovskiy D.Yu., Vinogradova S.A.	ZVMO (1998), 127, n1, 32-41	Russia - Kola Peninsula - Lovozero massif - Kamasurt Mt. (pegmatite No. 60)	FMM-Moscow	Russia	T	88827
Manganoquadrillite	2011-008	2012	Bonazzi P., Keutsch F.N., Bindi	Amer. Min. (2012), 97, 1199-1205	Peru - Lima Department - Catajamba - Oyon district - Uccucchacua polymetallic deposit	MMUFI-Firenze	Italy	HT	3108/1
Manganosegelerite	1984-055	1992	Voloshin A.V., Pakhomovskii Ya.A., Tyusheva F.N.	ZVMO (1992), 121/2, 95-103	Russia - Kola Peninsula - Voronya Tundra - Vasin-Malik Mt.	FMM-Moscow	Russia	T	
Manganosegelerite	1984-055	1992	Voloshin A.V., Pakhomovskii Ya.A., Tyusheva F.N.	ZVMO (1992), 121, n2, 95-103	Russia - Kola Peninsula - Voronya Tundra - Vasin-Malik Mt.	MM-St. Petersburg	Russia	T	1592/1
Manganosite		1874	Blomstrand C.W.	Geologiska Föreningens i Stockholm Förhandlingar (1874), 2, 179-183	Sweden - Värmland				
Manganostibite		1884	Igelström L.J.	Geologiska Föreningens i Stockholm Förhandlingar (1884), 7, 210	Sweden - Värmland - Filipstad - Filipstad - Nordmark, Brattforsgruvan	SMNH-Stockholm	Sweden	HT	g28938
Manganotychite	1989-039	1990	Khomiyakov A.P., Bakchisaraitsev A.Yu., Martynova A.V., Parashchenko T.M.	ZVMO (1990), 119, n5, 46-49	Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt.	FMM-Moscow	Russia	T	p545/2
Manganotychite	1989-039	1990	Khomiyakov A.P., Bakchisaraitsev A.Yu., Martynova A.V., Parashchenko T.M.	ZVMO (1990), 119, n5, 46-49	Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt.	GKB-Apatity	Russia	T	
Manganotychite	1989-039	1990	Khomiyakov A.P., Bakchisaraitsev A.Yu., Martynova A.V., Parashchenko T.M.	ZVMO (1990), 119, n5, 46-49	Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt.	MM-St. Petersburg	Russia	T	2023/1
Manganotychite	1989-039	1990	Khomiyakov A.P., Bakchisaraitsev A.Yu., Martynova A.V., Parashchenko T.M.	ZVMO (1990), 119, n5, 46-49	Russia - Kola Peninsula - Lovozero massif - Alluaiv Mt.	MGL-Lausanne	Switzerland	T	MGL 58951
Manganvesuvianite	2000-040	2002	Ambruster T., Gnos E., Dixon R., Gutzmer J., Hejny C., Döbelin N., Medenbach O.	Min. Mag. (2002), 66, 137-150	South Africa - Northern Cape Province - Kuruman District - Kalahari manganese field - Wessels- and N'Chwaning II mine	NMBE-Bern	Switzerland	HT	35474
Mangazite	2005-021a	2006	Gamyagin G.N., Zhdanov Y.Y., Zayakina N.V., Gamyagina V.V., Suknev V.S.	ZRMO (2006), 135/4, 20-23	Russia - eastern Yakutsk (Sakha Republic) - west Verkhoyan - Mangazeykoe deposit [Ag]	FMM-Moscow	Russia	T	3291/1
Manitobaite	2008-064	2010	Ercit T.S., Tait K.T., Cooper M.A., Abdu Y., Ball N.A., Anderson A.J., Cerny P., Hawthorne F.C., Galliski M.	Can. Min. (2010), 48, 1455-1463	Canada - Manitoba - Cross Lake - unnamed island - pegmatite n° 22	ROM-Toronto	Canada	HT	M533321
Manjiroite	1966-009	1967	Nambu M., Tanida K.	Journ. Jap. Assoc. Min. Petr. Econ. Geol. (1967), 58, 39-54	Japan - Honshu - Iwate Pref. - Kohare mine	NSM-Tokyo	Japan		M-15748
Mannardite	1983-013	1984	Scott J.D., Peatfield G.R.	Geol. Ass. Canada, Progr. Abstr. (1984), 9, 104	Canada - British Columbia - Kechina River - Sifton Pass (N of) - Rough claims	NHM-London	United Kingdom	CT	BM 1983.68/6
Mannardite	1983-013	1984	Scott J.D., Peatfield G.R.	Geol. Ass. Canada, Progr. Abstr. (1984), 9, 104	Canada - British Columbia - Kechina River - Sifton Pass (N of) - Rough claims	NMNH-Washington	USA	CT	150275, 150337, 162157
Mannardite	1983-013	1984	Scott J.D., Peatfield G.R.	Geol. Ass. Canada, Progr. Abstr. (1984), 9, 104	Canada - British Columbia - Kechina River - Sifton Pass (N of) - Rough claims	ROM-Toronto	Canada	CT	M40292/3

Mansfieldite		1945	Allen V.T., Fahey J.J.	Progr. and Abstr. Min. Soc. Amer., 26th Ann. Meeting (1945), p. 7	USA - Oregon - Lane County - Hobart Butte	MHN-Paris	France	T		154268
Mansfieldite		1945	Allen V.T., Fahey J.J.	Progr. and Abstr. Min. Soc. Amer., 26th Ann. Meeting (1945), p. 7	USA - Oregon - Lane County - Hobart Butte	NMNH-Washington	USA	T		106565 and 117722
Mantienneite	1983-048	1984	Fransolet A.M., Oustrière P., Fontan F., Pillard F.	Bulletin de Minéralogie (1984), 107, 737-744	Cameroon - Andamaoua - Ngaoundéré (18 km NW of) - Anloua deposit	ENSM-Paris	France	HT/CT		51243 (HT), 51963 (CT)
Mantienneite	1983-048	1984	Fransolet A.M., Oustrière P., Fontan F., Pillard F.	Bulletin de Minéralogie (1984), 107, 737-744	Cameroon - Andamaoua - Ngaoundéré (18 km NW of) - Anloua deposit	MHN-Toulouse	France	CT		
Mantienneite	1983-048	1984	Fransolet A.M., Oustrière P., Fontan F., Pillard F.	Bulletin de Minéralogie (1984), 107, 737-744	Cameroon - Andamaoua - Ngaoundéré (18 km NW of) - Anloua deposit	ULG-Liège	Belgium	CT		
Maohokite	2017-047	2018	Ming Chen, Jinfu Shu, Xiande Xie, Dayong Tan	Meteoritics and Planetary Science (2018), 1-8	China - Liaodong Peninsula - Xiuyan crater (N40°21'55", E123°27'34")	Geological Museum, Guangzhou Institute of Geochemistry-Guangzhou	China	T		XY-shock gneiss 290
Maoniupingite-(Ce)	2003-017	2005	Ganfu Shen, Guangming Yang, Jinsha Xu	Chenji Yu Tetsi Dishi (2005), 25(1/2), 210-216	China - Szechwan (Sichuan) Province - Lianshan Autonomous Prefecture - Xichang area - 22 km SW of Mianning County capital - Panxi rift - Maoniuping Mine (REE deposit) (N28°33', E102°11')	NMG-Beijing	China	T		M10438
Mapimite	1978-070	1981	Cesbron F., Ginderow D., Romero M., Williams S.A.	IMA 12th Gen. Meeting, coll. Abstr. (1980), p. 229	Mexico - Durango - Municipio de Mapimi - Mapimi - La Ojuela mine	ENSM-Paris	France	CT		
Mapiquiroite	2013-010	2014	Biagioni C., Orlandi P., Pasero M., Nestola F., Bindi L.	Eur. J. Min. (2014), 26, 427-437	Italy - Tuscany - Apuan Alps - Buca della Vena	MSN-UP-Calci (Pisa)	Italy	HT		18837
Mapiquiroite	2013-010	2014	Biagioni C., Orlandi P., Pasero M., Nestola F., Bindi L.	Eur. J. Min. (2014), 26, 427-437	Italy - Tuscany - Apuan Alps - Monte Acciaio	MSN-UP-Calci (Pisa)	Italy	HT		19650
Marathonite	2016-080		McDonald A.M., Ames D.E., Ross K.C., Kjarsgaard I.M., Good D.J.	Newsletter 34 in Min. Mag. (2016), 80/7, 1315-1321	Canada - Ontario - Caldwell Complex - Marathon deposit (N48°48'07", W86°18'35")	CMN-Ottawa (Gatineau)	Canada	T		CMNMC 87179
Marcasite		1845	Haidinger W.	Handbuch der Bestimmenden Mineralogie, Braumüller and Seidel, Wien (1845), 559-562	Unknown!					
Marchettite	2017-066		Guastoni A., Nestola F., Gentile P., Zorzi F., Ando S., Lorenzetti A., Mattioli V.	Newsletter 40 in Min. Mag. (2017), 81/6, 1577-1581	Italy - Piedmont - Verbania-Cusio-Ossola - Baceno - Devero valley - Mount Cervandone (SW slope)	MMUPa-Padova	Italy	T		MMP M17892
Marcobaldite	2015-109	2018	Biagioni C., Pasero M., Moëlo Y., Zaccarini F., Paar W.H.	Eur. J. Min. (2018), 30/3, 581-592	Italy - Tuscany - Apuan Alps - Pietrasanta - Valdicastello Carducci (near) - Pallone mine - Stanzione tunnel (N43°57'47", E10°16'19")	MSN-UP-Calci (Pisa)	Italy	HT		19709
Marécotteite	2001-056	2003	Brugger J., Burns P.C., Meisser N.	Amer. Min. (2003), 88, 676-685	Switzerland - Valais - Western Swiss Alps - near Les Marécottes - La Creuzaz Prospect (U)	MGL-Lausanne	Switzerland	HT/CT		MGL 58285, MGL 58290
Margaritasite	1980-093	1982	Wenrich K.J., Modreski P.J., Zielinski R.A., Seeley J.L.	Amer. Min. (1982), 67, 1273-1289	Mexico - Chihuahua - Municipio de Chihuahua - Chihuahua (near), Peña Blanca district - Margarita's deposit	NMNH-Washington	USA	HT		149090
Margaritasite	1980-093	1982	Wenrich K.J., Modreski P.J., Zielinski R.A., Seeley J.L.	Amer. Min. (1982), 67, 1273-1289	Mexico - Chihuahua - Municipio de Chihuahua - Chihuahua (near), Peña Blanca district - Margarita's deposit	MGL-Lausanne	Switzerland	T		MGL 65085
Margarite	1998 s.p.	1821	Senger W.	Oryctographie der Gefürsteten Grafschaft Tirols. Wagner, Innsbruck (1821), 32-33	Austria - Tyrol - Zillertal - Zemmgrund - Brosser Greiner					
Margarosanite		1916	Ford W.E., Bradley W.M.	American Journal of Science (1916), 42, 159-162	USA - New Jersey - Sussex County - Franklin Mining District - Franklin - Franklin Mine - Parker Shaft					
Marialite		1866	vom Rath G.	Zeitschrift der Deutschen Geologischen Gesellschaft (1866), 18, 634-637	Italy - Campania - Phlegrean Volcanic Complex - Naples Province - Phlegrean Fields - Pianura					
Maricite	1976-024	1977	Sturman B.D., Mandarin J.A., Corlett M.J.	Can. Min. (1977), 15, 396-398	Canada - Yukon Territory - Big Fish River/Blow River area - Big Fish River	NMNH-Washington	USA	HT		145745
Maricite	1976-024	1977	Sturman B.D., Mandarin J.A., Corlett M.J.	Can. Min. (1977), 15, 396-398	Canada - Yukon Territory - Big Fish River/Blow River area - Big Fish River	ROM-Toronto	Canada	HT		M34241
Maricopaite	1985-036	1988	Peacor D.R., Dunn P.J., Simmons W.B., Wicks F.J., Roudsepp M.	Can. Min. (1988), 26, 309-313	USA - Arizona - Maricopa County - Tonopah (near) - Moon Anchor mine	NMNH-Washington	USA	HT/CT		163248 and 163247
Mariinskite	2011-057	2012	Pautov L.A., Popov M.P., Erokhin Y.V., Khiller V.V., Karpenko V.Y.	ZRMO (2012), 141/6, 43-62	Russia - Central Urals - Ural Emerald Mines - Mariinsky (Malyshevo) deposit	FMM-Moscow	Russia	T		4159/1
Marinaite	2016-021		Chaplygin I.V., Yudovskaya M.A., Pekov I.V., Zubkova N.V., Britvin S.N., Vlasova M.F., Pushcharovsky D.Y., Belakovskiy D.I., Griboedova I.G., Kononkova N.N., Rassulov V.A.	Newsletter 32 in Min. Mag. (2016), 80/5, 915-922	Russia - Far-Eastern Region - Kamchatka Peninsula - southern slope of the Plotskiy Tolbachik volcano - 2012-2013 Fissure Tolbachik Eruption (N45°23'85", E160°19'90")	FMM-Moscow	Russia	T		4854/1
Marinellite	2002-021	2003	Bonaccorsi E., Orlandi P.	Eur. J. Min. (2003), 15, 1019-1027	Italy - Latium - near Sacrofano	MSN-UP-Calci (Pisa)	Italy	T		13216
Markascherite	2010-051	2012	Yang H., Jenkins R.A., Thompson R.M., Downs R.T., Evans S.H., Bloch E.M.	Amer. Min. (2012), 97, 197-202	USA - Arizona - Pinal County - Bunker Hill District - Childs Aldwinkle mine (N32°45'07", W110°28'55")	UA-Tucson	USA	T		19291
Markcooperite	2009-045	2010	Kampf A.R., Mills S.J., Housley R.M., Marty J., Thome B.	Amer. Min. (2010), 95, 1554-1559	USA - California - Baker (near) - Otto Mountain	LACMNH-Los Angeles	USA	CT		62510, 62511, 62512
Markeyite	2016-090	2018	Kampf A.R., Plasil J., Kasatkina A.V., Marty J., Cejka J.	Min. Mag. (2018), 82/5, 1089-1100	USA - Utah - San Juan County - White Canyon District - Red Canyon - Markey mine (N37°32'57", W110°18'08")	LACMNH-Los Angeles	USA	HT/CT		67091 (HT), 67092 (CT), 67093 (CT), 67094 (CT), 67095 (CT)
Markeyite	2016-090	2018	Kampf A.R., Plasil J., Kasatkina A.V., Marty J., Cejka J.	Min. Mag. (2018), 82/5, 1089-1100	USA - Utah - San Juan County - White Canyon District - Red Canyon - Markey mine (N37°32'57", W110°18'08")	FMM-Moscow	Russia	CT		4932/1
Markhininite	2012-040	2014	Sidra O.I., Vergasova L.P., Krivonozhev S.V., Kreter Y.L., Zaitsev A.N., Filatov S.K.	Min. Mag. (2014), 78/7, 1687-1698	Russia - Kamchatka Peninsula - Tolbachik volcano - North Breach of the Great Fissure	UDG-St. Petersburg	Russia	T		1/19526
Markite	2015-101		Plasil J., Kampf A.R., Keuper M., Skoda R.	Newsletter 29 in Min. Mag. (2016), 80/1, 199-205	Germany - Baden-Württemberg - Black Forest Mts. (Schwarzwald) - Wildschapbach valley - Schapbach (near) - Friedrich-Christian mine (N48°23'13", E8°16'29")	MPIU-Tubingen	Germany	HT/T (?)		3586 T

Markilite	2015-101		Plasil J., Kampf A.R., Keuper M., Skoda R.	Newsletter 29 in Min. Mag. (2016), 80/1, 199-205	Germany - Baden-Württemberg - Black Forest Mts. (Schwarzwald) - Wildschapbach valley - Schapbach (near) - Friedrich-Christian mine (N48°23'13", E8°16'29")	LACMNH-Los Angeles	USA	T	65630
Marokite	1963-005	1963	Gaudefray C., Jauravski G., Perningeat F.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1963), 86, 359-367	Morocco - Anti Atlas - Tachgagalt Mn-mine	ENSM-Paris	France	HT	51109
Marokite	1963-005	1963	Gaudefray C., Jauravski G., Perningeat F.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1963), 86, 359-367	Morocco - Anti Atlas - Tachgagalt Mn-mine	MHN-Paris	France	T	165.43
Marokite	1963-005	1963	Gaudefray C., Jauravski G., Perningeat F.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1963), 86, 359-367	Morocco - Ouarzazate Province - Tachgagalt mine (Mn-mine)	MSU-Göttingen	Germany	T	GZH.MIN.a.Nr.
Marokite	1963-005	1963	Gaudefray C., Jauravski G., Perningeat F.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1963), 86, 359-367	Morocco - Ouarzazate Province - Tachgagalt mine (Mn-mine)	MGL-Lausanne	Switzerland	T	MGL 90768
Marrite		1904	Sally R.H.	Nature (1904), 71, 118 and Min. Mag. (1905), 14, 72-82 (p. 76)	Switzerland - Wallis - Binnthal - Lengenbach	NHM-London	United Kingdom	T	BM 97130
Marrucite	2006-015	2007	Orlandi P., Moëlo Y., Compostini I., Meerschaut A.	Eur. J. Min. (2007), 19, 267-279	Italy - Apuan Alps - Buca della Vena mine (Fe-Ba deposit)	MSN-UP-Calcì (Pisa)	Italy	CT	19337 to 19346
Marshite		1892	Marsh C.W., Liversidge A.	Proceedings of the Royal Society of New South Wales (1892), 26, 326-332	Australia - New South Wales - Broken Hill district - Broken Hill Proprietary Mine				
Marsturite	1977-047	1978	Peacor D.R., Dunn P.J., Sturman B.D.	Amer. Min. (1978), 63, 1187-1189	USA - New Jersey - Sussex County - Franklin	NMNH-Washington	USA	HT	127923
Marthozite	1968-016	1969	Cesbron F., Oosterbosch R., Pierrot R.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1969), 92, 278-283	Zaire - Shaba - Kolwezi - Musonoi open pit	MHN-Paris	France	T	
Marthozite	1968-016	1969	Cesbron F., Oosterbosch R., Pierrot R.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1969), 92, 278-283	Zaire - Shaba - Kolwezi - Musonoi open pit	U-Paris	France	HT	12.252
Martindresite	2017-038	2017	Chukanov N.V., Zubkova N.V., Meisser N., Ansermet S., Weiss S., Pekov I.V., Belakovskiy D.J., Vozchikova S.A., Britvin S.N., Pushcharovskiy D.Y.	Physics and Chemistry of Minerals (2017), 45/6, 511-521	Switzerland - Simplon region - Ganter valley - Isenwegg peak (near) - Wasenalp (N46°16'06", E8°05'09")	MGL-Lausanne	Switzerland	HT (part of)	MGL 093284
Martinite	2001-059	2007	McDonald A.M., Chao George Y.	Can. Min. (2007), 45, 1281-1292	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	CMN-Aylmer ?	Canada	HT	CMNMC 83719
Martylite	2007-026	2008	Kampf A.R., Steele I.M.	Can. Min. (2008), 46, 687-692	USA - Utah - San Juan County - La Sal (near) - Blue Cap mine (N38°21'14", W109°03'39")	LACMNH-Los Angeles	USA	CT	58610, 58611
Marumite	1998-004	2005	Shimizu M., Ishizaki Y., Honma T., Matsubara S., Miyawaki R.	8th Biennal SGA Meeting, Beijing (2005), poster 100	Switzerland - Wallis - Binn Valley - Im Feld - Lengenbach Quarry	UMT-Tokyo	Japan	T	
Maruyamaite	2013-123	2016	Lussier A., Ball N.A., Hawthorne F.C., Henry D.J., Shimizu R., Ogasawara Y., Ota T.	Amer. Min. (2016), 101, 355-361	Kazakhstan - northern Kazakhstan - Kokchetav massif - Kumdy-Kol area	NSM-Tsukuba	Japan	HT	NSM-MF15696
Mascagnite		1800	Karsten D.L.G.	Mineralogische Tabellen. Rottmann, Berlin (1800), 40	Italy - Tuscany - Grosseto Province - Montieri - Travale				
Maslovite	1978-002	1979	Kovalenker V.A., Begizov V.D., Evstigneeva T.L., Troneva N.V., Ryabkin V.A.	Geologiya Rudnykh Mestorozhdenii (1979), 21, 94-104	Russia - Krasnoyarskiy Krai - Noril'sk district - Talnakh - Oktyabr deposit (Cu-Ni deposit)	FMM-Moscow	Russia	T	80177
Maslovite	1978-002	1979	Kovalenker V.A., Begizov V.D., Evstigneeva T.L., Troneva N.V., Ryabkin V.A.	Geologiya Rudnykh Mestorozhdenii (1979), 21, 94-104	Russia - Krasnoyarskiy Krai - Noril'sk district - Talnakh - Oktyabr deposit (Cu-Ni deposit)	IGEM-Moscow	Russia	T	
Massicot		1841	Huot J.J.N.	Nouveau Manuel Complet de Minéralogie. Roret, Paris (1841), 346-347	Germany - Rhine-Westphalia - Aachen - Stolberg - Binsfeldhammer (lead smelter slag locality)				
Masutomilite	1974-046	1976	Harada K., Nagashima K., Kanisawa S.	Mineral. Journ. Japan (1976), 8, 95-109	Japan - Honshu - Shiga Pref. - Otsu - Tanakiyama	ESKU-Kanazawa	Japan	T	
Masutomilite	1974-046	1976	Harada K., Nagashima K., Kanisawa S.	Mineral. Journ. Japan (1976), 8, 95-109	Japan - Honshu - Shiga Pref. - Otsu - Tanakiyama	IMTU-Sendai	Japan	T	
Masuyite		1947	Vaes J.F.	Bulletin de la Société Belge de Géologie (1947), 70, B 212-226	Zaire - Shaba - Likasi - Shinkolobwe uranium mine	MRAC-KMMA-Tervuren	Belgium	NT	
Mathesiusite	2013-046	2014	Plasil J., Veselovsky F., Hloušek J., Skoda R., Navak M., Sejkora J., Skacha P., Kasalčin A.V.	Amer. Min. (2014), 99, 625-632	Czech Republic - Western Bohemia - Jáchymov ore district - Svornost (Einigkeit) mine - Geschiber vein, 5th level (N50°22'21.136", E12°54'46.150")	NMCR-Praha	Czech Republic	HT	PIP 7/2013
Mathewrogersite	1984-042	1986	Keller P., Dunn P.J.	Neues Jahrbuch für Mineralogie Monatshefte (1986), 203-208	Namibia - Otavi - Tsumeb mine	IMKU-Stuttgart	Germany	CT	NM 15
Mathewrogersite	1984-042	1986	Keller P., Dunn P.J.	Neues Jahrbuch für Mineralogie Monatshefte (1986), 203-208	Namibia - Otavi - Tsumeb mine	NMNH-Washington	USA	CT	
Mathewrogersite	1984-042	1986	Keller P., Dunn P.J.	Neues Jahrbuch für Mineralogie Monatshefte (1986), 203-208	Namibia - Tsumeb - Tsumeb mine	Archiv der Universität Stuttgart-Stuttgart (Mineralogisches Sammlung)	Germany	HT	TM-84.42-IL-8904.01
Mathiasite	1982-087	1983	Haggerty S.E., Smyth J.R., Erlank A.J., Rickard R.S., Danchin R.V.	Amer. Min. (1983), 68, 494-505	South Africa - Orange Free State - Jagersfontein - Jagersfontein kimberlite pipe	NMNH-Washington	USA	T	
Mathiasite	1982-087	1983	Haggerty S.E., Smyth J.R., Erlank A.J., Rickard R.S., Danchin R.V.	Amer. Min. (1983), 68, 494-505	South Africa - Orange Free State - Jagersfontein - Jagersfontein kimberlite pipe	SANM-Cape Town	South Africa	T	
Matildite	1982 s.p.	1883	D'Achiardi A.	I metalli. Nistri, Pisa (1883), 136-137	Peru - Junin Department - Yauli Province - Morococha District - Matilda Mine				
Matloilite	2005-011	2006	Alencio D., Coufinho J.M.V., Mascarenhas Y.P., Ellena J.A	Amer. Min. (2006), 91, 1932-1936	Brazil - Minas Gerais - Mendes Pimentel County - Gentil mine	Museu de Geociências, Instituto de Geociências, Universidade de São Paulo	Brazil	T	DR453
Matloilite	2005-011	2006	Alencio D., Coufinho J.M.V., Mascarenhas Y.P., Ellena J.A	Amer. Min. (2006), 91, 1932-1936	Brazil - Minas Gerais - Mendes Pimentel County - Gentil mine	Museu de Ciências Naturais Jobos "José Bonifácio de Andrada e Silva-Santos-SP"	Brazil	T	
Matlockite		1851	Greg R.P.	Philosophical Magazine and Journal of Science (1851), ser. 4, 2, 120-121	Great Britain - England - Derbyshire - Matlock - Cromford	NHM-London	United Kingdom	HT	BM 89055
Matsubaraitite	2000-027	2002	Miyajima H., Miyawaki R., Ito K.	Eur. J. Min. (2002), 14, 1119-1128	Japan - Niigata Prefecture - Itoigawa-Ohmi district - (in jadeite)	NSM-Tokyo	Japan	T	NSM-M28084
Matsubaraitite	2000-027	2002	Miyajima H., Miyawaki R., Ito K.	Eur. J. Min. (2002), 14, 1119-1128	Japan - Niigata Prefecture - Itoigawa-Ohmi district - (in jadeite)	Fossa MM-Itoigawa	Japan	T	FMM01309

Matagamiite	1972-003	1973	Thorpe R.J., Harris D.C.	Can. Min. (1973), 12, 55-60	Canada - Québec - Nord-du-Québec - Matagami - Matagami Lake mine	GSC-Ottawa	Canada	CT	12151/3
Matagamiite	1972-003	1973	Thorpe R.J., Harris D.C.	Can. Min. (1973), 12, 55-60	Canada - Québec - Nord-du-Québec - Matagami - Matagami Lake mine	ROM-Toronto	Canada	CT	M31956
Matteuccite		1952	Carabbi G., Cipriani C.	Atti Accad. Lincei, Rend. Cl. Sci. fis. mat. nat., Roma [1952], ser.8, 12, 23-29	Italy - Campania - Napoli - Vesuvio, Monte Somma	MMUFI-Firenze	Italy	HT	1970/I
Mattheddleite	1985-019	1987	Livingstone A., Ryback G., Fejer E.E., Stanley C.J.	Scott. J. Geol. (1987), 23, 1-8	Great Britain - Scotland - Lamakshire - Strathclyde region - Leadhills area	NHM-London	United Kingdom	CT	BM 1985,178
Mattheddleite	1985-019	1987	Livingstone A., Ryback G., Fejer E.E., Stanley C.J.	Scott. J. Geol. (1987), 23, 1-8	Great Britain - Scotland - Lamakshire - Strathclyde region - Leadhills area	RMS-Edinburgh	United Kingdom	CT	RMS GY 721.34
Matulaite	1977-013	1978	Oswald D.R.	Rocks & Minerals (1978), 53, 115	USA - Pennsylvania - Northum County - Hellertown - Bachmann iron mine	NHM-London	United Kingdom	T	BM 1984,138
Matulaite	1977-013	1978	Oswald D.R.	Rocks & Minerals (1978), 53, 115	USA - Pennsylvania - Northum County - Hellertown - Bachmann iron mine	NMNH-Washington	USA	T	137020
Matyhite	2015-121	2019	Hwang Shyh-Lung, Shen Pouyan, Chu Hao-Tsu, Yui Tzen-Fu, Varela M.E., Iizuka Y.	Min. Mag. (2019), 83, 293-313	Meteorite-Argentina - Buenos Aires - Coronel Suarez - D'Orbigny meteorite (angrite)	NHM-Wien	Austria	T	C-N1172-NH
Matyhite	2015-121	2019	Hwang Shyh-Lung, Shen Pouyan, Chu Hao-Tsu, Yui Tzen-Fu, Varela M.E., Iizuka Y.	Min. Mag. (2019), 83, 293-313	Meteorite-Argentina - Buenos Aires - Coronel Suarez - D'Orbigny meteorite (angrite)	National Museum of Natural Science-Taichung	Taiwan	T	NMNS007600-P020440
Maucherite		1913	Grünling F.	Centralblatt für Mineralogie, Geologie und Paläontologie (1913), 225-226	Germany - Saxony-Anhalt - Mansfeld Basin - Eisleben				
Mauriziodinite	2019-036	2020	Kampf A.R., Nash B.P., Molina Donoso A.A.	Min. Mag. (2010), 84, 267-273	Chile - Tarapaca Region - Iquique Province - Solar Grande - Tarecillos mine (S29°58'13", W70°08'17")	LACMNH-Los Angeles	USA	HT	67365
Mavlyanovite	2008-026	2009	Yusupov R.G., Stanley C.J., Welch M.D., Spratt J., Cressey G., Rumsey M.S., Sellmann R., Igamberdiev E.	Min. Mag. (2009), 73/1, 43-50	Uzbekistan - Chatkal Ridge - Koshmansay river (upper reaches of the)	Geological Museum of the State Committee on Geology and Mineral Resources-Tashkent	Uzbekistan	T	
Mavlyanovite	2008-026	2009	Yusupov R.G., Stanley C.J., Welch M.D., Spratt J., Cressey G., Rumsey M.S., Sellmann R., Igamberdiev E.	Min. Mag. (2009), 73/1, 43-50	Uzbekistan - Chatkal Ridge - Koshmansay river (upper reaches of the)	NHM-London	United Kingdom	T	BM 2008,31
Mawbyite	1988-049	1989	Pring A., McBriar E.M., Birch W.D.	Amer. Min. (1989), 74, 1377-1381	Australia - New South Wales - Broken Hill - Kintore opencut (S31°58', E141°29')	MOV-Melbourne	Australia	CT	M39178
Mawbyite	1988-049	1989	Pring A., McBriar E.M., Birch W.D.	Amer. Min. (1989), 74, 1377-1381	Australia - New South Wales - Broken Hill - Kintore opencut (S31°58', E141°29')	SAM-Adelaide	Australia	CT	G16066
Mawsonite	1964-030	1965	Markham N.L., Lawrence L.J.	Amer. Min. (1965), 50, 900-908	Australia - New South Wales - Tingha - Royal George mine (S29°55', E151°13')	NHM-London	United Kingdom	CT	BM 1965,347
Mawsonite	1964-030	1965	Markham N.L., Lawrence L.J.	Amer. Min. (1965), 50, 900-908	Australia - New South Wales - Tingha - Royal George mine (S29°55', E151°13')	TAM-Sydney	Australia	CT	D48487
Maxwellite	1987-044	1987	Foord E.E., Hlava P.F., Fitzpatrick J.J., Maxwell C.H.	Paper presented at the 8th annual New Mexico mineral symposium (1987)	USA - New Mexico - Catron County - Squaw Creek (N side of) - Tin prospect (N33°28'50", W107°57'30")	NMNH-Washington	USA	T	166613
Mayingite	1993-016	1995	Yu Zuxiang	Acta Mineralogica Sinica (1995), 15/1, 5-8	China - Hebei Province - Beijing (230 km NNE of) - Chengde Prefecture - Luan River - Maying (near) - Platinum deposit	NMG-Beijing	China	T	M11026
Mazziteite	2004-003	2004	Bindi L., Cipriani C.	Can. Min. (2004), 42, 1739-1743	USA - Colorado - Saguache County - Findley Gulch	MMUFI-Firenze	Italy	T	2951/I
Mazziteite	2004-003	2004	Bindi L., Cipriani C.	Can. Min. (2004), 42, 1739-1743	USA - Colorado - Saguache County - Findley Gulch	IRSNB-Brussels	Belgium	CT	V/876
Mazzite-Mg	1973-045	1974	Galli E., Passaglia E., Pongiluppi D., Rinaldi R.	Contributions to Mineralogy and Petrology (1974), 45, 99-105	France - Rhône-Alpes - Loire dép. - Montbrison - Mont Semial	IMU-Mo-Modena	Italy	T (0.5g)	
Mazzite-Mg	1973-045	1974	Galli E., Passaglia E., Pongiluppi D., Rinaldi R.	Contributions to Mineralogy and Petrology (1974), 45, 99-105	France - Rhône-Alpes - Loire dép. - Montbrison - Mont Semial	NMNH-Washington	USA	T	T128520
Mazzite-Na	2003-058	2005	Aletti R., Galli E., Vezzalini G., Wise W.S.	Amer. Min. (2005), 90, 1186-1191	USA - California - 135 km northeast of Los Angeles - Baron - U.S. Borax mine				
Mbomokulite	1979-078	1980	Martini J.E.J.	Annals of the Geological Survey of South Africa (1980), 14/2, 1-11	South Africa - Eastern Transvaal - Nelspruit District - Mbobo Mkuu cave	GSM-Pretoria	South Africa	HT	
Mcallisterite	1963-012	1965	Schaller W.T., Vlisidis A.C., Mrose M.E.	Amer. Min. (1965), 50, 629-640	USA - California - Inyo County - Death Valley, 20 Mule Team Canyon (head of) - Mott colemanite prospect	ENSM-Paris	France	CT	51108
Mcallisterite	1963-012	1965	Schaller W.T., Vlisidis A.C., Mrose M.E.	Amer. Min. (1965), 50, 629-640	USA - California - Inyo County - Death Valley, 20 Mule Team Canyon (head of) - Mott colemanite prospect	NMNH-Washington	USA	T	134613
Mcalpineite	1992-025	1994	Roberts A.C., Ercit T.S., Criddle A.J., Jones G.C., Williams R.S., Cureton I.J., F.F., Jensen M.C.	Min. Mag. (1994), 58, 417-424	USA - California - Toulumne County - McAlpine mine (N37°45'58", W120°15'09")	GSC-Ottawa	Canada	T	NMC 67163
Mcalpineite	1992-025	1994	Roberts A.C., Ercit T.S., Criddle A.J., Jones G.C., Williams R.S., Cureton I.J., F.F., Jensen M.C.	Min. Mag. (1994), 58, 417-424	USA - California - Toulumne County - McAlpine mine (N37°45'58", W120°15'09")	NHM-London	United Kingdom	T	BM 1992,374
Mcauslanite	1986-051	1988	Richardson J.M., Roberts A.C., Grice J.D., Ramik R.A.	Can. Min. (1988), 26, 917-921	Canada - Nova Scotia - Yarmouth County - East Kempville	CUO-Ottawa	Canada	CT	CU 4427
Mcauslanite	1986-051	1988	Richardson J.M., Roberts A.C., Grice J.D., Ramik R.A.	Can. Min. (1988), 26, 917-921	Canada - Nova Scotia - Yarmouth County - East Kempville	GSC-Ottawa	Canada	CT	NMC 64806
Mcauslanite	1986-051	1988	Richardson J.M., Roberts A.C., Grice J.D., Ramik R.A.	Can. Min. (1988), 26, 917-921	Canada - Nova Scotia - Yarmouth County - East Kempville	NMNH-Washington	USA	HT	165484
Mcbinneyite	1985-007	1987	Hughes J.M., Christian B.S., Finger L.W., Malinconico L.L.	J. Volc. Geotherm. Res.(1987) 33, 183-190	El Salvador - Izalco Volcano - Fumaroles (fumarolic sublimate)	NMNH-Washington	USA		
Mcconelliite	1967-037	1967	Milton C., Appleman D.E., Chao E.C.T., Cuttita F., Dinnin J.L., Dwornik E.J., Mall M., Ingram B.L., Rose H.J.	Geol. Soc. Amer., Progr. Annual Meeting (1967) p. 151	Guyana - Mazaruni district - Robello ridge - Merume river (gravels of the)	NHM-London	United Kingdom	CT	BM 1979,136
Mccrillite	1991-023	1994	Foord E.E., Brownfield M.E., Lichte F.E., Davis A.M., Suttley S.J.	Can. Min. (1994), 32, 839-842	USA - Maine - Oxford county - South Paris - Mount Mica pegmatite (N44°14', W70°33')	NMNH-Washington	USA	HT	170853
Mcgillite	1979-024	1980	Donnay G., Beloumey M., Hamil G.	Can. Min. (1980), 18, 31-36	Canada - British Columbia - Kimberley, raise 42135 - Sullivan mine	McGU-Montreal	Canada	T	RM NS3100
Mcgillite	1979-024	1980	Donnay G., Beloumey M., Hamil G.	Can. Min. (1980), 18, 31-36	Canada - British Columbia - Kimberley, raise 42135 - Sullivan mine	UBC-Vancouver	Canada	T	S-75-21123
Mcgovernite		1927	Palache C., Bauer L.H.	Amer. Min. (1927), 12, 373-374	USA - New Jersey - Sussex County - Ogdensburg - Sterling Hill mine	HMM-Cambridge	USA	CT	113888, 134562

Mcguinnessite	1977-027	1981	Erd R.C., Cesbron F.P., Goff F.E., Clark J.R.	Mineralogical Record (1981), 12, 143-147	USA - California - Mendocino County - Ukiah (15 mls SE of) - Red Mountain (locality no. 2)	NMNH-Washington	USA	T	147169
Mcguinnessite	1977-027	1981	Erd R.C., Cesbron F.P., Goff F.E., Clark J.R.	Mineralogical Record (1981), 12, 143-147	USA - California - Mendocino County - Ukiah (15 mls SE of) - Red Mountain (locality no. 2)	U-Paris	France	T	
Mckelveyite-(Y)	1964-025	1965	Milton C., Ingram B., Clark J.R., Dwornik E.J.	Amer. Min. (1965), 50, 593-612	USA - Wyoming - Uintah County - Green River Formation	NHM-London	United Kingdom	CT	BM 1971.138
Mckelveyite-(Y)	1964-025	1965	Milton C., Ingram B., Clark J.R., Dwornik E.J.	Amer. Min. (1965), 50, 593-612	USA - Wyoming - Uintah County - Green River Formation	NMNH-Washington	USA	T	121683
Mckinstryite	1966-012	1966	Skinner B.J., Jambor J.L., Ross M.	Economic Geology (1966), 61, 1383-1389	Canada - Ontario - Timiskaming District - Coleman Township, Lot 4, Con. IV - Foster mine	GSC-Ottawa	Canada	HT	12136
Mckinstryite	1966-012	1966	Skinner B.J., Jambor J.L., Ross M.	Economic Geology (1966), 61, 1383-1389	Canada - Ontario - Timiskaming District - Coleman Township, Lot 4, Con. IV - Foster mine	(?)	USA		108804
Mckinstryite	1966-012	1966	Skinner B.J., Jambor J.L., Ross M.	Economic Geology (1966), 61, 1383-1389	Canada - Ontario - Timiskaming District - Coleman Township, Lot 4, Con. IV - Foster mine	NMNH-Washington	USA	T	120056
Mcnearite	1980-017	1981	Sarp H., Deferne J., Liebich B.W.	Schweizerische Mineralogische Petrographische Mitteilungen (1981), 61, 1-6	France - Alsace - Haut-Rhin dép. - Sainte-Marie-aux-Mines - Gabe Gottes / St-Jacques vein	MHN-Genève	Switzerland	HT	477.054
Medaite	1979-062	1982	Gramaccioni C.M., Griffin W.L., Mottana A.	Amer. Min. (1982), 67, 85-89	Italy - Liguria - Genova - Val Graveglia (NE of Lavagna) - Molinello mine	MCSN-Milano	Italy	CT	M25562
Medaite	1979-062	1982	Gramaccioni C.M., Griffin W.L., Mottana A.	Amer. Min. (1982), 67, 85-89	Italy - Liguria - Genova - Val Graveglia (NE of Lavagna) - Molinello mine	MGMU-Oslo	Norway	CT	
Medaite	1979-062	1982	Gramaccioni C.M., Griffin W.L., Mottana A.	Amer. Min. (1982), 67, 85-89	Italy - Liguria - Genova - Val Graveglia (NE of Lavagna) - Molinello mine	MMURo-Roma	Italy	CT	24314
Medenbachite	1993-048	1996	Krause W., Bernhardt H.-J., Gebert W., Groetsch H., Belendorff K., Pfeiffer K.	Amer. Min. (1996), 81, 505-512	Germany - Hessen - Odenwald - Bensheim, near - Reichenbach (N49°42'49", E8°41'00")	RUB-Bochum	Germany	HT	
Meerschautite	2013-061	2016	Biagioni C., Mořlo Y., Orlandi P., Stanley C.J.	Min. Mag. (2016), 80/4, 675-690	Italy - Tuscany - Valdicastello Carducci - Pietrasanta - Pollone mine (N43°57'47", E10°16'19")	MSN-UP-Calci (Pisa)	Italy	HT	19649
Meerschautite	2013-061	2016	Biagioni C., Mořlo Y., Orlandi P., Stanley C.J.	Min. Mag. (2016), 80/4, 675-690	Italy - Tuscany - Valdicastello Carducci - Pietrasanta - Pollone mine (N43°57'47", E10°16'19")	ENSM-Paris	France	CT	83264
Meerschautite	2013-061	2016	Biagioni C., Mořlo Y., Orlandi P., Stanley C.J.	Min. Mag. (2016), 80/4, 675-690	Italy - Tuscany - Valdicastello Carducci - Pietrasanta - Pollone mine (N43°57'47", E10°16'19")	NHM-London	United Kingdom	CT	2015.2
Megacyclite	1991-015	1993	Khomyakov A.P., Nechelyustov G.N., Yamnova N.A., Pushcharovskii D.Yu.	ZVMO (1993), 122, n1, 125-128	Russia - Kola Peninsula - Khibiny massif - Rasvumchorr Mt.	FMM-Moscow	Russia	T	p733/2
Megacyclite	1991-015	1993	Khomyakov A.P., Nechelyustov G.N., Yamnova N.A., Pushcharovskii D.Yu.	ZVMO (1993), 122, n1, 125-128	Russia - Kola Peninsula - Khibiny massif - Rasvumchorr Mt.	MM-St. Petersburg	Russia	T	2066/1
Megakalsite	2001-008	2002	Khomyakov A.P., Nechelyustov G.N., Sokolova E., Bonaccorsi E., Merlino S., Posero M.	Can. Min. (2002), 40, 961-970	Russia - Kola Peninsula - Khibiny massif - Koashva Mt.	FMM-Moscow	Russia	HT	2624/1
Megakalsite	2001-008	2002	Khomyakov A.P., Nechelyustov G.N., Sokolova E., Bonaccorsi E., Merlino S., Posero M.	Can. Min. (2002), 40, 961-970	Russia - Kola Peninsula - Khibina alkaline massif - Mount Koashva	FMM-Moscow	Russia	HT	2624/1
Megawite	2009-090	2011	Galuskin E.V., Galuskina I.O., Gazeev V.M., Dzierzanowski P., Prusik K., Pertsev N.N., Zadov A.E., Ballau R., Gurbanov A.G.	Min. Mag. (2011), 75/5, 2563-2572	Russia - Northern Caucasus - Kabardino-Balkaria - Upper Chegem caldera	MMUWr-Wroclaw	Poland	HT	MMUWr II 16717
Megawite	2009-090	2011	Galuskin E.V., Galuskina I.O., Gazeev V.M., Dzierzanowski P., Prusik K., Pertsev N.N., Zadov A.E., Ballau R., Gurbanov A.G.	Min. Mag. (2011), 75/5, 2563-2572	Russia - Northern Caucasus - Kabardino-Balkaria - Upper Chegem caldera	FMM-Moscow	Russia	HT	4021/1
Megawite	2009-090	2011	Galuskin E.V., Galuskina I.O., Gazeev V.M., Dzierzanowski P., Prusik K., Pertsev N.N., Zadov A.E., Ballau R., Gurbanov A.G.	Min. Mag. (2011), 75/5, 2563-2572	Russia - Northern Caucasus - Kabardino-Balkaria - Upper Chegem caldera	Natural History Museum-Luxembourg	Luxembourg	HT	L1-1C-12
Meieranite	2015-009	2019	Yang Hexiong, Gu Xiangping, Downs R.T., Evans S.H., van Nieuwenhuizen J.J., Lavinsky R.M., Xie Xiande	Can. Min. (2019), 57/4, 457-466	South Africa - Northern Cape Province - Kalahari Manganese Fields - Wessel Mine (S27°06'51.82", E22°51'18.31")	UA-Tucson	USA	CT	20011 (UA-Tucson), R140947 (RRUFF Project)
Meierite	2014-039	2016	Peterson R.C., Farber G., Evans R.J., Groat L., MacNeill L., Joy B., Lafuente B., Witzke T.	Can. Min. (2016), 54, 1249-1259	Canada - Yukon - Gun Claim - just south of the Ipsi Range	ROM-Toronto	Canada	T	M56744
Meifuite	2019-101		Shiyun Ji, Xiaochun Li, Huifang Xu	Newsletter 54 In Eur. J. Min. (2020), 32, 275-283	China - Yangtze Block - Yinachang deposit (Fe-Cu ore deposit)	Geology Museum of the Department of Geoscience, University of Wisconsin-	USA	HT/CT	UWGM 6859 (HT), UWGM 6860 (CT), UWGM 6861 (CT)
Meionite		1801	Haüy R.J.	Traité de Minéralogie (1801), 1st ed., 2, 422	Italy - Campania - Napoli - Vesuvio, Monte Somma	MHN-Paris	France	CT (cryst.)	H3774
Meisserite	2013-039	2013	Plasil J., Kampf A.R., Kasatkina A.V., Marty J., Skoda R., Silva S., Cejka J.	Min. Mag. (2013), 77/7, 2975-2988	USA - Utah - White Canyon district - San Juan County - Blue Lizard mine (N37°33'26", W110°17'44")	FMM-Moscow	Russia	CT	4410/1
Meisserite	2013-039	2013	Plasil J., Kampf A.R., Kasatkina A.V., Marty J., Skoda R., Silva S., Cejka J.	Min. Mag. (2013), 77/7, 2975-2988	USA - Utah - White Canyon district - San Juan County - Blue Lizard mine (N37°33'26", W110°17'44")	LACMNH-Los Angeles	USA	CT	64055
Meisserite	2013-039	2013	Plasil J., Kampf A.R., Kasatkina A.V., Marty J., Skoda R., Silva S., Cejka J.	Min. Mag. (2013), 77/7, 2975-2988	USA - Utah - White Canyon district - San Juan County - Blue Lizard mine (N37°33'26", W110°17'44")	MGL-Lausanne	Switzerland	CT	MGL 92960
Meitnerite	2017-065	2018	Kampf A.R., Plasil J., Nash B.P., Marty J.	Eur. J. Min. (2018), 30/5, 999-1006	USA - Utah - San Juan County - White Canyon mining district - Red Canyon - Green Lizard mine (N37°34'37.10", W110°17'52.80")	LACMNH-Los Angeles	USA	HT	66623
Meixnerite	1974-003	1975	Koritnig S., Süsse P.	Tschermaks Mineralogische und Petrographische Mitteilungen (1975), 22, 79-87	Austria - Niederösterreich - Isertal - Ybbs-Persenbeug, Nöchling (serpentinite-quarry)	HMM-Cambridge	USA	HT	117008
Meixnerite	1974-003	1975	Koritnig S., Süsse P.	Tschermaks Mineralogische und Petrographische Mitteilungen (1975), 22, 79-87	Austria - Lower Austria - Waldviertel - Yspertal - Nöchling - quarry "In der Greisen"	MSU-Göttingen	Germany	HT	
Meixnerite	1974-003	1975	Koritnig S., Süsse P.	Tschermaks Mineralogische und Petrographische Mitteilungen (1975), 22, 79-87	Austria - Niederösterreich - Isertal - Ybbs-Persenbeug, Nöchling (serpentinite-quarry)	NHM-London	United Kingdom	CT	BM 1980.687

Mejillonesite	2010-068	2012	Atencio D., Chukanov N.V., Nestola F., Witzke T., Coutinho J.M.V., Zadov A.E., Filho R.R.C., Färber G.	Amer. Min. (2012), 97, 19-25	Chile - Antofagasta Region - Mejillones - Mejillones Peninsula (S23°05'44.56", W70°30'53.78")	Museu de Geociências, Instituto de Geociências, Universidade de Sao Paulo	Brazil	T	DR712
Mejillonesite	2010-068	2012	Atencio D., Chukanov N.V., Nestola F., Witzke T., Coutinho J.M.V., Zadov A.E., Filho R.R.C., Färber G.	Amer. Min. (2012), 97, 19-25	Chile - Antofagasta Region - Mejillones - Mejillones Peninsula (S23°05'44.56", W70°30'53.78")	FMM-Moscow	Russia	HT (part of)	4043/1
Melanorsite	2014-048	2016	Pekov I.V., Zubkova N.V., Yapaskurt V.O., Polekhovskiy Y.S., Vigasina M.F., Belakovskiy D.I., Britvin S.N., Sidorov E.G., Pushcharovsky D.Y.	Min. Mag. (2016), 80/5, 855-867	Russia - Kamchatka Peninsula - Tolbachik volcano - Northern Breakthrough of the Great Tolbachik - Second scoria cone - Arsenalnaya fumarole	FMM-Moscow	Russia	T	4992
Melanocerite-(Ce)	1987 s.p.	1887	Brogger W.C.	Geologiska Föreningens i Stockholm Förhandlingar (1887), 9, 247-274	Norway - Vestfold - Larvik - Kjeoy island (Langesundfjord)	SMNH-Stockholm	Sweden	HT	531071
Melanophlogite	1962 s.p.	1876	von Lasaulx A.	Neues Jahrbuch für Mineralogie (1876), 250-257	Italy - Sicily - Caltanissetta Province - Milena - Giona Mine				
Melanostibite	1971 s.p.	1893	Igelström L.J.	Zeits. Kryst. Min. (1893), 21, 246-248	Sweden - Örebro - Grythyttan - Hällefors - Sjöaruvan	HMM-Cambridge	USA	HT	131609
Melanostibite	1971 s.p.	1893	Igelström L.J.	Zeits. Kryst. Min. (1893), 21, 246-248	Sweden - Örebro - Grythyttan - Hällefors - Sjöaruvan	NHM-London	United Kingdom	CT	BM 83307
Melanostibite	1971 s.p.	1893	Igelström L.J.	Zeits. Kryst. Min. (1893), 21, 246-248	Sweden - Örebro - Grythyttan - Hällefors - Sjöaruvan	NMNH-Washington	USA	T	R05766
Melanotekite		1880	Lindström G.	Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar (1880), 37/6, 53-58	Sweden - Värmland - Filipstad - Langban				
Melanofthalite		1870	Scacchi A.	Rendiconti della Regia Accademia delle Scienze Fisiche e Matematiche di Napoli (1870), 9, 86	Italy - Campania - Naples Province - Somma-Vesuvius Complex - Mt Vesuvius				
Melanovanadite		1921	Lindgren W., Hamilton L.F., Palache C.	Proceedings of the National Academy of Sciences (1921), 7(8), 249-251	Peru - Junin Dep. - Cerro de Pasco (near) - Minasragra (in V. ores)	HMM Cambridge	USA	T	90452
Melanovanadite		1921	Lindgren W., Hamilton L.F., Palache C.	Proceedings of the National Academy of Sciences (1921), 7(8), 249-251	Peru - Junin Dep. - Cerro de Pasco (near) - Minasragra (in V. ores)	NMNH-Washington	USA	T	160076
Melansonite	2018-168		Gore T.E., McDonald A.M.	Newsletter 52 in Min. Mag. (2019), 83, 887-893	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry) (N45°33'46", W73°08'30")	CMN-Ottawa	Canada	T	CMNMC 87258
Melanterite		1850	Haidinger Wm.	Handbuch der Bestimmenden Mineralogie, 2nd ed. Braumüller and Seidel, Wien (1850), 489	Unknown !				
Melcherite	2015-018	2018	Andrade M.B., Atencio D., Menezes Filho A.D., Spratt J.	Min. Mag. (2018), 82/1, 111-120	Brazil - Sao Paulo - Cajati county - Jacupiranga mine (S24°43'47", W48°06'37")	Museu de Geociências, Instituto de Geociências, Universidade de Sao Paulo	Brazil	T	DR982
Melcherite	2015-018	2018	Andrade M.B., Atencio D., Menezes Filho A.D., Spratt J.	Min. Mag. (2018), 82/1, 111-120	Brazil - Sao Paulo - Cajati county - Jacupiranga mine (S24°43'47", W48°06'37")	UA-Tucson (RRUFF Project)	USA	CT (part of)	R130752
Meliphanite		1852	Scheerer T.	Journ. prakt. Chemie (1852) 55, 449-451	Norway - Vestfold - "Fredriksvæn", presently Slavern	TU-BA-Freiberg	Germany	T	26856
Melkovite	1968-033	1969	Egorov B.L., Dara A.D., Senderova V.M.	ZVMO (1969), 98, 207-212	Kazakhstan - Central Kazakhstan - 60 km W of Mointy railway station - Shunak Mts (U-Mo-ore occurrence)	NMNH-Washington	USA	CT	160327
Melkovite	1968-033	1969	Egorov B.L., Dara A.D., Senderova V.M.	ZVMO (1969), 98, 207-212	Kazakhstan - Central Kazakhstan - 60 km W of Mointy railway station - Shunak Mts (U-Mo-ore occurrence)	FMM-Moscow	Russia	T	72716
Mellinite	2005-027	2006	Pratesi G., Bindi L., Moggi-Cecchi V.	Amer. Min. (2006), 91, 451-454	Meteorite-Morocco - Morocco - Northwest Africa meteorite (NWA 1054)	Museum of Planetary Science-Prato	Italy	T	MSP2366
Mellite		1793	Gmelin J.F.	Systema Naturae per Regna Tria Naturae, vol. 3. Georg Emanuel Beer, Lipsia (1793), 282	Germany - Thuringia - Unstrut valley - Artern				
Mellizinkalite	2014-010	2015	Pekov I.V., Zubkova N.V., Yapaskurt V.O., Lykova I.S., Belakovskiy D.I., Vigasina M.F., Sidorov E.G., Britvin S.N., Pushcharovsky D.Y.	Eur. J. Min. (2015), 27, 247-253	Russia - Kamchatka - Tolbachik Peninsula - Northern Breakthrough of the Great Tolbachik Fissure Eruption - Second scoria cone - Glavnaya Tenoritovaya fumarole	FMM-Moscow	Russia	T	94375
Melonite		1868	Genth F.A.	American Journal of Science (1868), 45, 313	USA - California - Calaveras County - Mother Lode Belt - Carson Hill District - Stanislaus Mine				
Mélonjosephite	1973-012	1973	Fransolet A.M.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1973), 96, 135-142	Morocco - Anti Atlas - Zenaga plain - Angarf Sud pegmatite	ENSM-Paris	France	CT	50885
Mélonjosephite	1973-012	1973	Fransolet A.M.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1973), 96, 135-142	Morocco - Anti Atlas - Zenaga plain - Angarf Sud pegmatite	NMNH-Washington	USA	CT	128338
Mélonjosephite	1973-012	1973	Fransolet A.M.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1973), 96, 135-142	Morocco - Anti Atlas - Zenaga plain - Angarf Sud pegmatite	ULG-Liège	Belgium	HT	18.587
Menchettite	2011-009	2012	Bindi L., Keutsch F.N., Bonazzi P.	Amer. Min. (2012), 97, 440-446	Peru - Lima Department - Catajumbo - Oyon district - Uccucchacua polymetallic deposit	MMUFI-Firenze	Italy	HT	3109/1
Mendeleevite-(Ce)	2009-092	2011	Pautov L.A., Agakhanov A.A., Karpenko V.Y., Sokolova E., Hawthorne F.C.	Min. Mag. (2011), 75/5, 2583-2596	Tadzhikistan - Darai-Pioz River - Darai-Pioz massif (alkaline massif) (N39°27', E70°43E)	FMM-Moscow	Russia	T	3921/1
Mendeleevite-(Nd)	2015-031	2017	Agakhanov A.A., Pautov L.A., Sokolova E., Hawthorne F.C., Karpenko V.Y., Siidra O.I., Garanin V.K.	Min. Mag. (2017), 81/1, 135-141	Tajikistan - Tien-Shan Mountain - Alaisky mountain ridge - Darai-Pioz alkaline massif - Darai-Pioz glacier (moraine of) (N39°27', E70°43')	FMM-Moscow	Russia	HT	4707/1
Mendigite	2014-007	2015	Chukanov N.V., Aksenov S.M., Rastsvetlova R.K., Van K.V., Belakovskiy D.I., Pekov I.V., Gurzhii V.V., Schüller W., Ternes B.	ZRMO (2015), 144/2, 48-61	Germany - Rhineland-Palatinate (Rheinland-Pfalz) - Eifel volcanic region - Laacher Lake area - near Mendig - Dellen quarry (pumice)	FMM-Moscow	Russia	T	4420/1
Mendipite		1839	Glocker E.F.	Grundriss der Mineralogie, mit Einschluss der Geognosie und Petrefactenkunde, Schrag, Nurnberg (1839), 604-605	United Kingdom - England - Somerset - Mendip Hills - Churchill				

Mendozavillite-KCa	2011-088		Kampf A.R., Mills S.J., Rumsey M.S., Spratt J., Dini M.	Newsletter 12 in Min. Mag. (2012), 76/1, 151-155	Chile - Antofagasta - Chuquicomata mine	LACMNH-Los Angeles	USA	T		63315, 63572
Mendozavillite-NaCu	2011-039	2012	Kampf A.R., Mills S.J., Rumsey M.S., Dini M., Birch W.D., Spratt J., Pluth J.J., Steele I.M., Jenkins R.A., Pinch W.W.	Min. Mag. (2012), 76/5, 1175-1207	Chile - Antofagasta Province - 93 km ENE of Antofagasta - Lomas Bayas mine (S23°25'40", W69°30'41")	LACMNH-Los Angeles	USA	T		60483, 60484, 60485, 60486
Mendozavillite-NaFe	1982-009	1986	Williams S.A.	Boletín de Mineralogía (1986), 2, 13-19	Mexico - Sonora - Municipio de Cumpas - Cumpas (SW of), Cumobabi - San Judas mine (Cumobabi Mo-pegmatite deposit)	NHM-London	United Kingdom	CT		BM 1984,475
Mendozite		1868	Dana J.D., Brush G.J.	A System of Mineralogy, 5th ed. Wiley, New York (1868), 653	Argentina - Mendoza - San Juan					
Meneghinite		1852	Bechi E.	Atti dell'Accademia dei Georgofili (1852), 30, 84	Italy - Tuscany - Lucca Province - Apuan Alps - Stazzema - Boffino Mine					
Menezesite	2005-023	2008	Atencio D., Coutinho J.M.V., Doriguetto A.C., Mascarenhas Y.P., Elena J., Ferrari V.C.	Amer. Min. (2008), 93, 81-87	Brazil - Sao Paulo state - Cajati Jacupiranga mine	Museu de Geociências, Instituto de Geociências, Universidade de São Paulo	Brazil	T		DR458
Menezesite	2005-023	2008	Atencio D., Coutinho J.M.V., Doriguetto A.C., Mascarenhas Y.P., Elena J., Ferrari V.C.	Amer. Min. (2008), 93, 81-87	Brazil - Sao Paulo state - Cajati Jacupiranga mine	Natural History Museum-Luxembourg	Luxembourg	CT		DR458
Mengeite	2018-035		Elliott P.	Newsletter 44 in Eur. J. Min. (2018), 877-882	Australia - South Australia - 10 km S of Wilmington - Spring Creek copper mine	SAM-Adelaide	Australia	T		G34744
Mengxianminite	2015-070	2017	Rao Can., Haterf F., Dal Bo F., Wang Rucheng, Gu Xiangping, Baijot M.	Amer. Min. (2017), 102, 2136-2141	China - Hunan Province - Xianghualing skarn (N25°26', E112° 34')	NMG-Beijing	China	T		M13293
Mengxianminite	2015-070	2017	Rao Can., Haterf F., Dal Bo F., Wang Rucheng, Gu Xiangping, Baijot M.	Amer. Min. (2017), 102, 2136-2141	China - Hunan Province - Xianghualing skarn (N25°26', E112° 34')	ULG-Liège	Belgium	CT		20395
Meniaylovite	2002-050	2004	Vergasova L.P., Semyonova T.F., Epitanova V.B., Filatov S.K., Chubarov V.M.	Vulkanologiya i Seismologiya (2004), 2, 3-5	Russia - Far-Eastern Region - Kamchatka Oblast - Tolbachik volcano - Great Fissure Eruption - North Breach - First ans Second scoria cone					
Menshikovite	1993-057	2002	Barkov A.Y., Martin R.F., Pakhomovsky Y.A., Tolstykh N.D., Krivenko A.P.	Can. Min. (2002), 40, 679-692	Russia - north Karelia - Lakkulaivaara intrusion	FMM-Moscow	Russia	(?)		Polished section *
Menzerite-(Y)	2009-050	2010	Grew E.S., Marsh J.H., Yates M.G., Lazic B., Ambruster T., Locock A., Bell S.W., Dyar M.D., Bernhardt H.J., Medenbach O.	Can. Min. (2010), 48, 1171-1193	Canada - Ontario - Grenville Orogenic Province - Parry Sound domain - Bonnet Island (N5003719, W0567531 UTM)	CMN-Ottawa	Canada	HT		CMNMN 86088
Menzerite-(Y)	2009-050	2010	Grew E.S., Marsh J.H., Yates M.G., Lazic B., Ambruster T., Locock A., Bell S.W., Dyar M.D., Bernhardt H.J., Medenbach O.	Can. Min. (2010), 48, 1171-1193	Canada - Ontario - Grenville Orogenic Province - Parry Sound domain - Bonnet Island (N5003719, W0567531 UTM)	NMNH-Washington	USA	HT		G850, G894
Mercallite		1935	Carobbi G.	Atti R. Accad. Lincei. Rend. Cl. Sci. fis. mat. nat., Roma (1935), ser.6, 21, 385-393	Italy - Campania - Napoli - Vesuvio, Monte Somma	MMUFI-Firenze	Italy	HT		1976/I
Mercury										
Mereheadite	1996-045	1998	Welch M.D., Criddle A.J., Symes R.F.	Min. Mag. (1998), 62, 387-393	Great Britain - England - Somerset - Cranmore - Merehead quarry (in veins of Mn and Fe minerals) (N51°12', W2°26')	NHM-London	United Kingdom	HT		BM 1965,285 and polished mount E.1175
Mereiterite	1993-045	1995	Giestler G., Rieck B.	Eur. J. Min. (1995), 7, 559-566	Greece - Attica - Lavrion mining district, Agios Konstantinos - Hilarion adit	IMK-Wien	Austria	T		6C/18-035#1
Mereiterite	1993-045	1995	Giestler G., Rieck B.	Eur. J. Min. (1995), 7, 559-566	Greece - Attica - Lavrion mining district, Agios Konstantinos - Hilarion adit	NMNH-Washington	USA	HT		170971
Merelaniite	2016-042	2016	Jaszczak L., Rumsey M.S., Bindi L., Hackney S.A., Wise M.A., Stanley C.J., Spratt J.	Minerals (2016), 6/4, 115	Tanzania - Manyara Region - Simanjoro District - Lelatema Mts - Merelani Hills (Mererani)	NHM-London	United Kingdom	HT		BM2016-100
Merelaniite	2016-042	2016	Jaszczak L., Rumsey M.S., Bindi L., Hackney S.A., Wise M.A., Stanley C.J., Spratt J.	Minerals (2016), 6/4, 115	Tanzania - Manyara Region - Simanjoro District - Lelatema Mts - Merelani Hills (Mererani)	NMNH-Washington	USA	HT		NMNH 177015
Merelaniite	2016-042	2016	Jaszczak L., Rumsey M.S., Bindi L., Hackney S.A., Wise M.A., Stanley C.J., Spratt J.	Minerals (2016), 6/4, 115	Tanzania - Manyara Region - Simanjoro District - Lelatema Mts - Merelani Hills (Mererani)	A.E. Seaman Mineral Museum-Houghton (Michigan)	USA	HT		DM 31323, DM 31324, DM 31325
Merelaniite	2016-042	2016	Jaszczak L., Rumsey M.S., Bindi L., Hackney S.A., Wise M.A., Stanley C.J., Spratt J.	Minerals (2016), 6/4, 115	Tanzania - Manyara Region - Simanjoro District - Lelatema Mts - Merelani Hills (Mererani)	MMUFI-Firenze	Italy	HT		
Merenskyite	1965-016	1966	Kingston G.A.	Min. Mag. (1966), 35, 815-834	South Africa - North West Province - Bojanala Platinum District - Western Bushveld Complex - Merensky Reef					
Meridianiite	2007-011	2007	Peterson R.C., Nelson W., Madu B., Shurvell H.F.	Amer. Min. (2007), 92, 1756-1759	Canada - central British Columbia - in a frozen pond	CMN-Ottawa	Canada	HT		
Merlinoite	1976-046	1977	Passaglia E., Pongiluppi D., Rinaldi R.	Neues Jahrbuch für Mineralogie Monatshefte (1977), 355-364	Italy - Lazio - Rieti - Santa Rufina - Cupaello (quarry at)	IMU-Mo-Modena	Italy	CT		-1 g
Merlinoite	1976-046	1977	Passaglia E., Pongiluppi D., Rinaldi R.	Neues Jahrbuch für Mineralogie Monatshefte (1977), 355-364	Italy - Lazio - Rieti - Santa Rufina - Cupaello (quarry at)	MCSN-Milano	Italy	HT/T		18078, M30350 and M23709
Merlinoite	1976-046	1977	Passaglia E., Pongiluppi D., Rinaldi R.	Neues Jahrbuch für Mineralogie Monatshefte (1977), 355-364	Italy - Lazio - Rieti - Santa Rufina - Cupaello (quarry at)	NMNH-Washington	USA	T		137087
Merrhueite	1965-020	1965	Dodd R.T., Van Schmus W.R., Marvin U.B.	Science (1965), 149, 972-974	Meteorite-Romania - Mures County - Weiler - Mezoee-Madaras meteorite (chondrite)					
Merrillite	1976 s.p.	1917	Wherry E.T.	Amer. Min. (1917), 2, 119	Meteorite-Italy, India, Poland, USA					
Mertieite-I	1971-016	1973	Desborough G.A., Finney J.J., Leonard B.F.	Amer. Min. (1973), 58, 1-10	USA - Alaska - Hagemester Island Quad. - Goodnews Bay - Fox Gulch	NMNH-Washington	USA	T		NMNH 132499
Mertieite-II		1973	Desborough G.A., Finney J.J., Leonard B.F.	Amer. Min. (1973), 58, 1-10	USA - Alaska - Bethel Borough - Goodnews Bay - Red Mountain District - Salmon River - Fox Gulch (Platinum placer)					
Merwinite		1921	Larsen E.S., Foshag W.F.	Amer. Min. (1921), 6, 143-148	USA - California - Riverside County - Riverside (5 mls NW of), Crestmore - Wet Weather quarry	NHM-London	United Kingdom	T		BM 1923,1026
Merwinite		1921	Larsen E.S., Foshag W.F.	Amer. Min. (1921), 6, 143-148	USA - California - Riverside County - Riverside (5 mls NW of), Crestmore - Wet Weather quarry	NMNH-Washington	USA	T		94030
Mesaite	2015-069	2017	Kampf A.R., Nash B.P., Marty J., Hughes J.M.	Min. Mag. (2017), 81/2, 319-327	USA - Colorado - Mesa County Gateway (near) - Packrat mine (N38°38'51.28", W109°02'49.77")	LACMNH-Los Angeles	USA	CT		65595, 65596, 65597, 65598, 65599
Mesolite	1997 s.p.	1813	Gehlen A.F., Fuchs J.N.	Journal für Chemie und Physik (1813), 8, 353-366	Iceland (?)					

Messelite		1890	Muthmann W.	Zeitschrift für Kristallographie (1890), 17, 93-94	Germany - Hesse - Darmstadt - Messel - Messel Mine				
Meta-aluminite	1967-013	1968	Frondel C.	Amer. Min. (1968), 53, 717-721	USA - Utah - Emery County - San Rafael District - Temple Mountain - Fuemrol mine No. 2				
Meta-alunogen		1942	Gordon S.G.	Academy of Natural Science of Philadelphia, Notulae Naturae (1942), 101, 1-9	Chile - Antofagasta Region - Tocopilla Province - Oficina Maria Elma - Francisco de Vergara				
Meta-ankoleite	1963-013	1966	Gallagher M.V., Atkin D.	Bulletin of the Geological Survey of Great Britain (1966), 25, 49-54	Uganda - Ankole - Mungenyi main pegmatite	NHM-London	United Kingdom	CT	BM 1966.203/4
Meta-autunite		1904	Gaubert M.P.	Bulletin de la Société Française de Minéralogie (1904), 27, 222-233	USA - Washington - Spokane County - Mount Kit Carson - Daybreak Mine				
Metaborite	1967 s.p.	1964	Lobanova V.V., Avrova N.P.	ZVMO (1964), 93/3, 329-334	Kazakhstan - Urals district - Chelkar salt dome	FMM-Moscow	Russia	T	69825
Metaborite	1967 s.p.	1964	Lobanova V.V., Avrova N.P.	ZVMO (1964), 93/3, 329-334	Kazakhstan - Urals district - Chelkar salt dome	MM-St. Petersburg	Russia	T	1015/1
Metacalcioranoite	1971-054	1973	Rogova V.P., Belova L.N., Kiziyarov G.P., Kuznetov N.N.	ZVMO (1973), 102/1, 75-81	Russia - Chita Oblast - Transbaikalia (E) - Krasnokamensk (SE of) - Strel'tsovskoye ore field, Oktyabr'skoye (Mo-U-deposit)	FMM-Moscow	Russia	T	76549-50
Metacinnabar		1870	Moore G.E.	Journal für Praktische Chemie (1870), 110, 319-329	USA - California - Knoxville District - Knoxville - Redington Mine				
Metadelrioite	1967-006	1970	Smith M.L.	Amer. Min. (1970), 55, 185-200	USA - Colorado - Montrose County - Urvan District - Paradox Valley - Jo Dandy Mine				
Metahaiweeite	1962 s.p.	1959	McBurney T.C., Murdoch J.	Amer. Min. (1959), 44, 839-843	USA - California - Inyo County - Coso District - Unnamed occurrence (U occurrence)				
Metahenrichite		1958	Gross E.B., Coray A.S., Mitchell R.S., Walenta K.	Amer. Min. (1958), 43, 1134-1143	USA - Oregon - Lakeview County - White King mine	NMNH-Washington	USA	T	115884
Metahewittite		1914	Hillebrand W.F., Merwin H.E., Wright F.E.	Proceedings of the American Philosophical Society (1914), 53, 31-54	USA - Colorado - Montrose County - Urvan district, Paradox Valley (SW wall) - Jo Dandy mine	HMM-Cambridge	USA	HT	134571
Metahewittite		1914	Hillebrand W.F., Merwin H.E., Wright F.E.	Proceedings of the American Philosophical Society (1914), 53, 31-54	USA - Colorado - Montrose County - Urvan district, Paradox Valley (SW wall) - Jo Dandy mine	NMNH-Washington	USA	T	093305/6
Metahewittite		1914	Hillebrand W.F., Merwin H.E., Wright F.E.	Proceedings of the American Philosophical Society (1914), 53, 31-54	USA - Utah - Garfield County - Henry Mountains and Grant County - Thompsons District	NMNH-Washington	USA	T	093307 and 093308
Metahohmannite		1938	Bandy M.C.	Amer. Min. (1938), 23, 669-760	Chile - Antofagasta Region - El Loa Province - Calama - Chuquibambuta District - Chuquibambuta Mine				
Metakahlerite		1958	Walenta K.	Jahreshefte des Geologischen Landesamtes in Baden-Württemberg (1958), 3, 17-51	Germany - Baden-Württemberg - Black Forest - Schenkenzell - Wittichen - Böckelsbach valley - Sophia Mine				
Metakirchheimerite		1958	Walenta K.	Jahreshefte des Geologischen Landesamtes in Baden-Württemberg (1958), 3, 17-51	Germany - Baden-Württemberg - Black Forest - Schenkenzell - Wittichen - Böckelsbach valley - Sophia Mine				
Metaköttigite	1979-077	1982	Schmetzer K., Amthauer G., Stähle V., Medenbach O.	Neues Jahrbuch für Mineralogie Monatshefte (1982), 506-518	Mexico - Durango - Municipio de Mapimi - Mapimi - La Ojuela mine	MPI-Heidelberg	Germany	HT	100733
Metaköttigite	1979-077	1982	Schmetzer K., Amthauer G., Stähle V., Medenbach O.	Neues Jahrbuch für Mineralogie Monatshefte (1982), 506-518	Mexico - Durango - Municipio de Mapimi - Mapimi - La Ojuela mine	NMNH-Washington	USA	T	160541
Metalogdévite	1972-014	1972	Agrinier H., Chantret F., Geffroy J., Hery B., Bachet B., Vachey H.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1972), 95, 360-364	France - Languedoc-Roussillon - Hérault dép. - St Martin du Bosc - Lodève U-deposit - Riviéral prospect	ENSM-Paris	France	CT	50880
Metalogdévite	1972-014	1972	Agrinier H., Chantret F., Geffroy J., Hery B., Bachet B., Vachey H.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1972), 95, 360-364	France - Languedoc-Roussillon - Hérault dép. - St Martin du Bosc - Lodève U-deposit - Riviéral prospect	MHN-Paris	France	T	
Metalogdévite	1972-014	1972	Agrinier H., Chantret F., Geffroy J., Hery B., Bachet B., Vachey H.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1972), 95, 360-364	France - Languedoc-Roussillon - Hérault dép. - St Martin du Bosc - Lodève U-deposit - Riviéral prospect	NMNH-Washington	USA	T	T165403
Metamunirite	1990-044	1991	Evans H.T.	Min. Mag. (1991), 55, 509-513	USA - Colorado - San Miguel County - Dermo-Snyder mine (near) - Burro mine	NMNH-Washington	USA	HT	
Metanatroautunite	1987 s.p.	1957	Chernikov A.A., Krutetskaya O.V., Organova N.I.	Soviet Journal of Atomic Energy (1957), 3, 133-140	Tajikistan - Samgar Steppe - Khodzhet (15 km NE of) - Kuruk deposit (U deposit)	FMM-Moscow	Russia	T	67809-12
Metanovacekite	2007 s.p.	1958	Walenta K.	Jahreshefte des Geologischen Landesamt Baden-Württemberg (1958), 3, 17-51	Germany - Baden-Württemberg - Black Forest - Schenkenzell - Wittichen - Heubach Valley - Anton Mine				
Metarauchite	2008-050	2010	Plasil J., Sejkora J., Cejka J., Novak M., Vinals J., Ondrus P., Veselovsky F., Skacha P., Jehlicka J., Golias V., Hlousek J.	Can. Min. (2010), 48, 335-350	Czech Republic - Jachymov	NMCR-Praha	Czech Republic	HT	P1p 19/2008
Metarossite		1927	Foshag W.F., Hess F.L.	Proceedings of the United States National Museum (1927), 72, 1-12	USA - Colorado - San Miguel County - Dolores River, Stevens Cabin (8 mi NW of) - O'Neill's claim	NMNH-Washington	USA	T	095331 and R05707
Metasaléite		1950	Mrose M.E.	Amer. Min. (1950), 35, 525-530	Democratic Republic of the Congo - Katanga (Shaba) - Kambove District - Shinkolobwe - Shinkolobwe Mine (Kasolo Mine)				
Metaschoderite	1962 s.p.	1962	Hausen D.M.	Amer. Min. (1962), 47, 637-648	USA - Nevada, Eureka County - Gibellini District - Fish Creek Range - VanNavSan Claim				
Metaschoepite		1960	Christ C.L., Clark J.R.	Amer. Min. (1960), 45, 1026-1061	Democratic Republic of the Congo - Katanga (Shaba) - Kambove District - Shinkolobwe - Shinkolobwe Mine (Kasolo Mine)				
Metasideronahrite		1938	Bandy M.C.	Amer. Min. (1938), 28, 733	Chile - Antofagasta Region - Antofagasta Province - Sierra Gorda District				
Metastibnite		1888	Hunt S.	Proceedings of the American Philosophical Society (1888), 25, 170-180	USA - Nevada - Washoe County - Steamboat Springs	NMNH-Washington	USA	T	79185
Metastudite	1981-055	1983	Deliens M., Piret P.	Amer. Min. (1983), 68, 456-458	Zaire - Shaba - Likasi - Shinkolobwe uranium mine	MRAC KMMA Tervuren	Belgium	HT	RGM 13,748

Metaswitzerite	1981-027a	1986	White J.S., Leavens P.B., Zanazzi P.F.	Amer. Min. (1986), 71, 1221-1223	USA - North Carolina - Cleveland County - Kings Mountains (near) - Foote Mineral Company Spodumene mine	NHM-London	United Kingdom	CT	BM 1967.407
Metaswitzerite	1981-027a	1986	White J.S., Leavens P.B., Zanazzi P.F.	Amer. Min. (1986), 71, 1221-1223	USA - North Carolina - Cleveland County - Kings Mountains (near) - Foote Mineral Company Spodumene mine	NMNH-Washington	USA	T	119777 and 120230
Metatamboite	2016-060	2019	Cooper M.A., Hawthorne F.C., Abdu Y.A., Walford P.C., Back M.E.	Can. Min. (2019), 57/5, 605-635	Chile - Coquimbo Province - El Indio-Tambo mining property - Tambo mine - Wendy open pit (S29°46'50", W69°56'58")	ROM-Toronto	Canada	HT	M57171
Metathénardite	2015-102	2019	Pekov I.V., Shchipalkina N.V., Zubkova N.V., Gurzhiy V.V., Agakhanov A.A., Belakovskiy D.I., Chukanov N.V., Lykova I.S., Vigasina M.F., Koshlyakova N.N., Sidorov E.G., Giester G.	Can. Min. (2019), 57, 885-901	Russia - Far-Eastern Region - Kamchatka Peninsula - Tolbachik volcano - Northern Breakthrough of the Great Tolbachik Fissure Eruption - Second scoria cone - Glavnaya Tenoritovaya (Major Tenorite) fumarole (N55°41', E160°14')	FMM-Moscow	Russia	HT/CT (2)	95281, 95590
Metatorbernite		1916	Hallimond A.F.	Min. Mag. (1916), 17, 326	United Kingdom - England - Cornwall - Redruth				
Metatorbernite		1916	Hallimond A.F.	Min. Mag. (1916), 17, 326	Germany - Saxony - Erzgebirge - Schneeberg District				
Metatyuyamunite		1954	Weeks A.D., Thompson M.E.	Bulletin of the United States Geological Survey (1954), 1009-B, 37-38	USA - Arizona - Apache County - Lukachukai Mts - Mesa ine No. 1				
Metatyuyamunite		1954	Weeks A.D., Thompson M.E.	Bulletin of the United States Geological Survey (1954), 1009-B, 37-38	USA - New Mexico - McKinley County - Grants District - Ambrosia Lake Sub-district - Haystack Mine				
Metatyuyamunite		1954	Weeks A.D., Thompson M.E.	Bulletin of the United States Geological Survey (1954), 1009-B, 37-38	USA - New Mexico - McKinley County - Laguna District				
Metatyuyamunite		1954	Weeks A.D., Thompson M.E.	Bulletin of the United States Geological Survey (1954), 1009-B, 37-38	USA - New Mexico - San Juan County - Shiprock District				
Metauramphite		1957	Nekrasova Z.A.	Voprosy Geologii Urana. Atomic Press, Moscow (1957), 67-72	Russia				
Metauranocircite-I	2007 s.p.	1904	Gaubert M.P.	Bulletin de la Société Française de Minéralogie (1904), 27, 222-223	Germany - Baden-Württemberg - Black Forest - Menzenschwand - Krunkelbach Valley (U deposit)				
Metauranopilite	2007 s.p.	1935	Novacek R. (?)	Ceska Společnost Nauk, Trida Matematika-Přirodovedecká Věstník (1935), 2, 1	Czech Republic - Bohemia - Karlovy Vary Region - Krusné Hory Mts - Jáchymov District - Jáchymov (St. Joachimsthal)				
Metauranospinite	2007 s.p.	1958	Walenta K.	Jahreshefte des Geologischen Landesamtes in Baden-Württemberg (1958), 3, 17-51	Germany - Baden-Württemberg - Black Forest - Schenkenzell - Wittichen - Böckelsbach valley - Sophia Mine				
Metauroxite	2019-030	2020	Kampf A.R., Plasil J., Nash B.P., Nemec I., Marty J.	Min. Mag. (2020), 84, 131-141	USA - Colorado - San Miguel County - Slick Rock district - Burro mine (N38°02'42", W108°53'23")	LACMNH-Los Angeles	USA	CT	67289, 67290
Metavandendriesscheite		1960	Christ C.L., Clark J.R.	Amer. Min. (1960), 45, 1026-1061	Democratic Republic of the Congo - Katanga (Shaba) - Kambove District - Shinkolobwe - Shinkolobwe Mine (Kasolo Mine)				
Metavanmeersscheite	1981-010	1982	Piret P., Deliens M.	Bulletin de Minéralogie (1982), 105, 125-128	Zaire - Kivu - Mwenga - Kobokobo open pit	MRAC-KMMA-Tervuren	Belgium	HT	RGM 13.749
Metavanurailite	1970-003	1970	Cesbron F.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1970), 93, 242-248	Gabon - Dept. Haut-Ogooué - Franceville - Mounana (U- and V-deposit)	ENSM-Paris	France	HT	50879
Metavanurailite	1970-003	1970	Cesbron F.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1970), 93, 242-248	Gabon - Dept. Haut-Ogooué - Franceville - Mounana (U- and V-deposit)	MHN-Paris	France	T	
Metavanurailite	1970-003	1970	Cesbron F.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1970), 93, 242-248	Gabon - Dept. Haut-Ogooué - Franceville - Mounana (U- and V-deposit)	NMNH-Washington	USA	T	165404, R16486
Metavariscite	1967 s.p.	1925	Larsen E.S., Schaller W.T.	Amer. Min. (1925), 10, 23-28	USA - Utah - Box Elder County - Lucin (NW of), Utahlite Hill - Edison Bird mine	MHN-Paris	France	T	178158
Metavariscite	1967 s.p.	1925	Larsen E.S., Schaller W.T.	Amer. Min. (1925), 10, 23-28	USA - Utah - Box Elder County - Lucin (NW of), Utahlite Hill - Edison Bird mine	NHM-London	United Kingdom	CT	BM 1912.618
Metavariscite	1967 s.p.	1925	Larsen E.S., Schaller W.T.	Amer. Min. (1925), 10, 23-28	USA - Utah - Box Elder County - Lucin (NW of), Utahlite Hill - Edison Bird mine	NMNH-Washington	USA	T	086993 and 087484
Metavauxite		1927	Gordon S.G.	Amer. Min. (1927), 12, 264	Bolivia - Potosí Dep. - Colquechaca (NW of) - Llallaqua mine	NHM-London	United Kingdom	CT	BM 1928.335
Metavauxite		1927	Gordon S.G.	Amer. Min. (1927), 12, p. 264	Bolivia - Potosí Dep. - Colquechaca (NW of) - Llallaqua mine	NMNH-Washington	USA	HT	136009
Metavivianite	1973-049	1974	Ritz C., Essene E.J., Peacor D.R.	Amer. Min. (1974), 59, 896-899	USA - South Dakota - Pennington County - Glendale (1 km S of) - Big Chief pegmatite	ENSM-Paris	France	CT	50720
Metavivianite	1973-049	1974	Ritz C., Essene E.J., Peacor D.R.	Amer. Min. (1974), 59, 896-899	USA - South Dakota - Pennington County - Glendale (1 km S of) - Big Chief pegmatite	NMNH-Washington	USA	CT	127100
Metavolline		1883	Blaas J.	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften, Wien (1883) 87, 155	Iran - Madeni Zakh (near)	MHN-Paris	France	HT	100.154
Metazellerite	1965-032	1966	Coleman R.G., Ross D.R., Meyrowitz R.	Amer. Min. (1966), 51, 1567-1578	USA - Wyoming - Fremont County - Gas Hill deposit - Lucky MC mine	NMNH-Washington	USA	T	112827
Metazeunerite		1937	Fersman A.E., Shubnikova O.M.	Geochemist's and Mineralogist's Compendium (1937) p. 173	Germany - Sachsen - Erzgebirge - Schneeberg - Weisser Hirsch mine	TU-BA-Freiberg	Germany	T	21730 and 21736
Meurigit-K	1995-022	1996	Birch W.D., Pring A., Self P.G., Gibbs R.B., Keck E., Jensen M.C., Foord E.E.	Min. Mag. (1996), 60, 787-793	USA - New Mexico - Grant County - Santa Rita District - Santa Rita - China Mine				
Meurigit-Na	2007-024	2009	Kampf A.R., Adams P.M., Kolitsch U., Steele I.M.	Amer. Min. (2009), 94, 720-727	USA - Nevada - Iron Point district - Valmy - Silver Coin mine	LACMNH-Los Angeles	USA	T	57659, 57660

Meyerhofferite		1914	Schaller W.T.	Journal of the Washington Academy of Sciences (1914), 4, 354-356	USA - California - Inyo County - Death Valley - Black Mountains, Mount Blanco	HMM-Cambridge	USA	T		134572
Meyerhofferite		1914	Schaller W.T.	Journal of the Washington Academy of Sciences (1914), 4, 354-356	USA - California - Inyo County - Death Valley - Black Mountains, Mount Blanco	NMNH-Washington	USA	T		087237 and 093640
Meymacite	1965 s.p.	1965	Pierrot R., Van Tassel R.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1965), 88, 613-617	Zaire - Kivu - Nzombe	ENSM-Paris	France	CT		
Meymacite	1965 s.p.	1874	Carnot A.	Comptes Rendus Académie des Sciences de Paris (1874), 79, 302-306	France - Corèze - Meymac	ENSM-Paris	France	HT/CT		1399 (HT), 50645 (CT), 50680 (CT), 50681 (CT)
Meyrowitzite	2018-039	2019	Kampf A.R., Plasil J., Olds T., Nash B.P., Marty J., Belkin H.E.	Amer. Min. (2019), 104/4, 603-610	USA - Utah - San Juan County - White Canyon District - Red Canyon - Markey mine (N37°32'57", W110°18'08")	LACMNH-Los Angeles	USA	CT/CT		66789, 66790
Mgriite	1980-100	1982	Dymkov Yu.M., Loseva T.I., Zavyalov E.N., Ryzhov B.J., Bochek L.J.	ZVMO (1982), 111, 215-219	Germany - Sachsen - Erzgebirge - Schlema-Hartenstein mining area	FMM-Moscow	Russia	T		
Mianningite	2014-072	2017	Ge Xiangkun, Fan Guang, Li Guowu, Shen Ganfu, Chen Zhangru, Ai Yujie	Eur. J. Min. (2017), 29, 331-338	China - Swenchwan (Sichuan) province - Liangshan Autonomous Prefecture - Mianning county - Baazi Hill (near) - Maoniuping deposit (REE deposit) (N28°24'20", E101°59'03")	NMG-Beijing	China	CT		M12189
Miargyrite		1829	Rose H.	Annalen der Physik und Chemie (1829), 15, 451-476	Germany - Saxony - Erzgebirge - Freiberg District - Bräunsdorf - Gottes Mine - Neue Hoffnung Gottes Mine					
Miassite	1997-029	2001	Britvin S.N., Rudashevsky N.S., Bogdanova A.N., Shcherbachev D.K.	ZVMO (2001), 130/2, 41-45	Russia - Ural S. - Chelyabinsk Oblast - Miass river (upper part) - in a small unnamed placer deposit	UDG-St. Petersburg	Russia	T		
Michalskite	2019-062		Kampf A.R., Plasil J., Skoda R., Cejka J.	Newsletter 52 in Min. Mag. (2019), 83, 887-893	Germany - Thuringia - Ronneburg mining district - in the dump of the Lichtenberg open pit (N50°51'20", E12°09'58")	LACMNH-Los Angeles	USA	T		67614
Micheelsenite	1999-033	2001	McDonald A.M., Petersen O.V., Gault R.A., Johnson O., Niedermayr G., Brandstätter F., Giester G.	Neues Jahrbuch für Mineralogie Monatshefte (2001), 337-351	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	CMN-Ottawa	Canada	CT		CMNMC 83049/50
Michenerite	1971-006a	1958	Hawley J.E., Berry L.G.	Can. Min. (1958), 6, 200-209	Canada - Ontario - Sudbury District - Denison Township - Vermilion Mine					
Michitoshiite-(Cu)	2019-029a		Tanaka T., Shinmachi T., Kataoka K., Nishio-Hamane D.	Newsletter 53 in Eur. J. Min. (2020), 32, 209-213	Japan - Kyushu - Kumamoto Prefecture - Misato machi - Haragawa	NSM-Tsukuba	Japan	HT/CT		NSM-46298 (HT), NSM-16299 (CT)
Microcline		1830	Breithaupt F.A.	Journal für Chemie und Physik (1830), 60, 324	Norway - Vestfold - Larvik - Stavern (Fredriksvårn)	TU-BA-Freiberg	Germany	T (?)		29915
Microsomite		1872	Scacchi A.	Atti R. Accad. Sci. fis. mat., Napoli (1872) 5, 13	Italy - Campania - Napoli - Vesuvio, Monte Somma	MHN-Paris	France	HT		97,397
Middendorffite	2005-028	2006	Pekov I.V., Chukanov N.V., Dubinchuk V.T., Zadov A.E.	ZRMO (2006), 135/3, 42-52	Russia - Kola Peninsula - Khibiny massif - Mt. Kukisvumchorr - Kirovsky mine (apatite mine)	FMM-Moscow	Russia	T		3312/1
Middlebackite	2015-115	2019	Elliott P.	Min. Mag. (2019), 83, 427-433	Australia - South Australia - Eyre Peninsula - Middleback Range - Iron Knob - Iron Monarch quarry (S32°44'41", E137°08'22")	SAM-Adelaide	Australia	HT		G34300
Mieite-(Y)	2014-020	2015	Miyawaki R., Matsubara S., Yokoyama K., Shigeoka M., Momma K., Yamamoto S.	Journal of Mineralogical and Petrological Sciences (2015), 110, 135-144	Japan - central Japan - Mie Prefecture - Komono - Souri Valley (N35°00'35", E136°27'33")	NSM-Tokyo	Japan	T		NSM-M43627
Miersite		1898	Spencer L.J.	Nature (1898), 57, 574	Australia - New South Wales - Broken Hill - Kintore mine (S31°58', E141°29')	MHN-Paris	France	T		112.405
Miersite		1898	Spencer L.J.	Nature (1898), 57, 574	Australia - New South Wales - Broken Hill - Kintore mine (S31°58', E141°29')	NHM-London	United Kingdom	HT		BM 83822
Miessite	2006-013	2007	Kojonen K.K., Tarkian M., Roberts A.C., Törnroos R., Heidrich S.	Can. Min. (2007), 45, 1221-1227	Finland - Finnish Lapland - Inari Commune - Lemmenjoki area - Miessijoki river (N25°21', E68°25')	GMU-Helsinki	Finland	T		D3004
Miguelomeroite	2008-066	2009	Kampf A.R.	Amer. Min. (2009), 94, 1535-1540	Mexico - Durango - Ojuela mine - San Judas Chimney (N25°47'37", W103°47'28")	LACMNH-Los Angeles	USA	HT		25414
Miharaite	1976-012	1980	Sugaki A., Shima H., Kitakaze A.	Amer. Min. (1980), 65, 784-788	Japan - Honshu - Okayama Pref. - Yoshi-cho, Shitsuki-gun - Mihara mine, Honpi deposit	IMTU-Sendai	Japan	T		
Miharaite	1976-012	1980	Sugaki A., Shima H., Kitakaze A.	Amer. Min. (1980), 65, 784-788	Japan - Honshu - Okayama Pref. - Yoshi-cho, Shitsuki-gun - Mihara mine, Honpi deposit	YU-Yamaguchi	Japan	T		
Mikasaite	1992-015	1994	Miura H., Niida K., Hiraama T.	Min. Mag. (1994), 58, 649-653	Japan - Hokkaido - Mikasa City - Ikushunbetsu (N43°16', E141°58')	HU-Sapporo	Japan	T		
Mikehowardite	2020-068		Kampf A.R., Hughes J.M., Nash B.P., Smith J.B.	AMl website (2021), January 23th	(?)					
Milaniederite	2018-041	2019	Chukanov N.V., Panikarovskii T.L., Goncharov A.G., Pekov I.V., Belakovskiy D.J., Britvin S.N., Möckel S., Vozchikova S.A.	Eur. J. Min. (2019), 31/3, 637-646	Namibia - Otjozondjupa region - Grootfontein district - Kombat mine	FMM-Moscow	Russia	T		5224/1
Milarite		1870	Kenngott A.	Neues Jahrbuch für Mineralogie, Geologie und Paläontologie (1870), 80-81	Switzerland - Graubünden - Tavetsch - Val Giuv (formerly Gluf)	ETH-Zürich	Switzerland	HT		W8976
Millerite		1845	Haidinger W.	Handbuch der Bestimmenden Mineralogie, Braumüller and Seidel, Wien (1845), 559-562	Czech Republic - Bohemia - Karlovy Vary Region - Krušné Hory Mts - Jachymov District - Jachymov					
Millisite		1930	Larsen E.S., Shannon E.V.	Amer. Min. (1930), 15, 307-337	USA - Utah - Utah County - Oquirrh Mts - Fairfield - Clay Canyon					
Millosevichite		1913	Panichi U.	Rendiconti dell'Accademia dei Lincei, Classe di Scienze Fisiche, Matematiche e Naturali, Serie V (1913), 22, 303	Italy - Sicily - Messina Province - Eolie Islands Lipari - Vulcano Island - Faraglione di Levante - Grotta dell'Allume					
Millsite	2015-086	2018	Rumsey M.S., Welch M.D., Mo F., Kleppe A.K., Spratt J., Kampf A.R., Raanes M.P.	Min. Mag. (2018), 82/2, 433-444	Norway - Sor-Trondelag - Oppdal Kommune - Graurdjellet (N62°29'11", E9°29'25")	LACMNH	USA	CT		66264
Millsite	2015-086	2018	Rumsey M.S., Welch M.D., Mo F., Kleppe A.K., Spratt J., Kampf A.R., Raanes M.P.	Min. Mag. (2018), 82/2, 433-444	Norway - Sor-Trondelag - Oppdal Kommune - Graurdjellet (N62°29'11", E9°29'25")	MOV-Melbourne	Australia	CT		M53498

Millsite	2015-086	2018	Rumsey M.S., Welch M.D., Mo F., Kleppe A.K., Spratt J., Kampf A.R., Roanes M.P.	Min. Mag. (2018), 82/2, 433-444	Norway - Sor-Trondelag - Oppdal Kommune - Graudfjellet (N62°29'11", E9°29'25")	NHM-London	United Kingdom	HT	BM 2011.243
Milotaitaite	2003-056	2005	Paar W.H., Topa D., Makovsky E., Culetto F.J.	Can. Min. (2005), 43, 689-694	Czech Republic - Predborice	IGUS-Salzburg	Austria	HT	14935
Mimelite		1832	Beudant F.S.	Traité élémentaire de Minéralogie, 2nd ed. Verdrière, Paris (1832), vol. 2, p. 594	Germany - Sachsen - Erzgebirge - Johanneergegenstadt - Neujahrsmaassen and Treue Freundschaft mines	TU-BA-Freiberg	Germany	T	20225
Minakawaite	2019-024	2019	Nishio-Hamane D., Tanaka T., Shimomachi T.	Journal of Mineralogical and Petrological Sciences (2019), 114, 252-262	Japan - Kyushu Province - Kumamoto Prefecture - Misato machi - Haragigawa - Kurosegawa belt, on the northeast side of Hikawa Dam	National Museum of Nature and Science-Tsukuba	Japan	HT/CT	NSM-46296 (HT), NSM-46297 (CT)
Minasgeraisite-(Y)	1987 s.p.	1986	Foord E.E., Gaines R.V., Crock J.G., Simmons W.B., Barbosa C.P.	Amer. Min. (1986), 71, 603-607	Brazil - Minas Gerais - Jacuarcu - Timoteo	NMNH-Washington	USA	CT	164209
Minasragrite		1915	Schaller W.T.	Journal of the Washington Academy of Sciences (1915), 5, 7	Peru - Junin Dep. - Cerro de Pasco (near) - Minasragra (in V. ares)	NMNH-Washington	USA	T	87515
Minsevite-(Y)	1991-048	1992	Khomyakov A.P., Polezhaeva L.I., Yamnova N.A., Pushcharovskii D.Yu.	ZVMO (1992), 121, n6, 138-143	Russia - Kola Peninsula - Lovozero massif - Alluiv Mt.	FMM-Moscow	Russia	T	p575/1
Minsevite-(Y)	1991-048	1992	Khomyakov A.P., Polezhaeva L.I., Yamnova N.A., Pushcharovskii D.Yu.	ZVMO (1992), 121, n6, 138-143	Russia - Kola Peninsula - Lovozero massif - Alluiv Mt.	MGL-Lausanne	Switzerland	T	MGL 58952
Minshillite	1983-001	1984	Dunn P.J., Peacor D.R., Leavens P.B., Wicks F.J.	Amer. Min. (1984), 69, 1150-1155	USA - New Jersey - Sussex County - Franklin	NMNH-Washington	USA	CT/I	C06412 and 150332
Minguzzite		1955	Garavelli C.L.	Atti Accad. Lincei, Rend. Cl. Sci. fis. mat. nat., Roma (1955), ser.8, 18, 392-402	Italy - Toscana - Livorno - Isola d'Elba - Capo Calamita (ca. 135m above sea level in limonites)	MMUFI-Firenze	Italy	HT	1971/I
Minium		1806	Smithson J.	Philosophical Transactions of the Royal Society of London (1806), 96, 267-268	Germany				
Minjiangite	2013-021	2015	Rao C., Haterf F., Wang Rucheng, Gu Xiangping, Dal Bo F., Dong Chuanwan	Min. Mag. (2015), 79/5, 1195-1202	China SE - Pujian Province - Nanping pegmatite field - Nanping No. 31 pegmatite	NMG-Peking	China	HT	M11842
Minjiangite	2013-021	2015	Rao C., Haterf F., Wang Rucheng, Gu Xiangping, Dal Bo F., Dong Chuanwan	Min. Mag. (2015), 79/5, 1195-1202	China SE - Pujian Province - Nanping pegmatite field - Nanping No. 31 pegmatite	ULG-Liège	Belgium	CT	20390
Minnesotaitaite		1944	Gruner J.W.	Amer. Min. (1944), 29, 363-372	USA - Minnesota - Crow Wing County - Cuyuna North Range				
Minnesotaitaite		1944	Gruner J.W.	Amer. Min. (1944), 29, 363-372	USA - Minnesota - St. Louis County - Mesabi Range				
Minnesotaitaite		1944	Gruner J.W.	Amer. Min. (1944), 29, 363-372	USA - Minnesota - St. Louis County - Mesabi Range Drill Core M4450				
Minohilite	2012-035	2013	Ohnishi M., Shimabayashi N., Nishio-Hamane D., Shinoda K., Momma K., Ikeda T.	Min. Mag. (2013), 77/3, 335-342	Japan - Osaka Prefecture - Minoh City (Minoo), Hirao mine	NSM-Tsukuba	Japan	HT/CT	NSM-M43670 (HT), NSM-M43671 (CT)
Minohilite	2012-035	2013	Ohnishi M., Shimabayashi N., Nishio-Hamane D., Shinoda K., Momma K., Ikeda T.	Min. Mag. (2013), 77/3, 335-342	Japan - Osaka Prefecture - Minoh City (Minoo), Hirao mine	KUM-Kyoto	Japan	CT	KUM-M00001
Minrecordite	1980-096	1982	Garavelli D.G., Vurro F., Fioravanti G.C.	Mineralogical Record (1982), 13, 131-136	Namibia - Otavi - Tsumeb	MMUBa-Bari	Italy	HT	HO-4/81
Minyulite		1932	Simpson E.S., Le Mesurier C.R.	Journ. Roy. Soc. West. Australia (1932-33), 19, 13-16	Australia - Western Australia (SW) - Dandaragan - Minyulo Well (S30°42', E115°42')	NHM-London	United Kingdom	CT	BM 1933.84
Minyulite		1932	Simpson E.S., Le Mesurier C.R.	Journ. Roy. Soc. West. Australia (1932-33), 19, 13-16	Australia - Western Australia (SW) - Dandaragan - Minyulo Well (S30°42', E115°42')	NMNH-Washington	USA	T	96769
Minyulite		1932	Simpson E.S., Le Mesurier C.R.	Journ. Roy. Soc. West. Australia (1932-33), 19, 13-16	Australia - Western Australia (SW) - Dandaragan - Minyulo Well (S30°42', E115°42')	WAM-Perth	Australia	HT/CT	M68.1991, S2034
Mirabilite		1845	Haidinger W.	Handbuch der Bestimmenden Mineralogie, Braumüller and Seidel, Wien (1845), 488	Unknown!				
Mirnyite	2018-144a		Reuvukhin D.I., Rashchenko S.V., Sharygin I.S., Malkovets V.G., Taisia A., Alifirova T.A., Pautov L.A., Nigmatulina E.N., Seryotkin Y.V.	Newsletter 57 in Eur. J. Min. (2020), 32, 495-499	Russia - Sakha Republic - Siberian Craton - Mirny kimberlite fields - Internationalnaya kimberlite pipe (N62°27'42", E113°42'57")	GSGM-Novosibirsk	Russia	T	VII-100/1
Misakiite	2013-131	2017	Nishio-Hamane D., Momma K., Ohnishi M., Shimabayashi N., Miyawaki R., Tomita N., Okuma R., Kampf A.R., Minakawa T.	Min. Mag. (2017), 81/3, 485-498	Japan - Shikoku Island - Ehime Prefecture - Sadamisaki Peninsula	NSM-Tokyo	Japan	HT	NSM-M43864
Misakiite	2013-131	2017	Nishio-Hamane D., Momma K., Ohnishi M., Shimabayashi N., Miyawaki R., Tomita N., Okuma R., Kampf A.R., Minakawa T.	Min. Mag. (2017), 81/3, 485-498	Japan - Shikoku Island - Ehime Prefecture - Sadamisaki Peninsula	LACMNH-Los Angeles	USA	CT	66265
Misenite		1849	Scacchi A.	Mem. Geol. Campania, Napoli (1849) 98	Italy - Campania - Napoli - Campi Flegrei (W of Napoli) - Capo Miseno (in a hot tufa cavern)	MHN-Paris	France	MT	100781
Miserite		1950	Schaller W.T.	Amer. Min. (1950), 35, 911-921	USA - Arkansas - Garland County - Wilson Springs (Polash Sulfur Springs) - Union Carbide Mine - North Wilson pit				
Mitridatite		1914	Dvoichenko P.A.	Zapiski Krymskogo Obshchestva Estestvoispytatelei (1914), 4, 104-155	Ukraine - (now Russia) - Crimea - Kerch Peninsula - Kamys-Burun deposit (iron deposit)				
Mitrofanovite	2017-112	2019	Subbotin V.V., Vymazalova A., Laufek F., Savchenko Y.E., Stanley C.J., Gabov D.A., Plasil J.	Min. Mag. (2019), 83, 523-530	Russia - Kola Peninsula - Fedorovo-Pana intrusion - East Chuavry deposit (N67°24'30", E36°03'00")	FMM-Moscow	Russia	HT	5141/1
Mitryaevaitaite	1991-035	1997	Ankinovich E.A., Bekenova G.K., Shabanova T.A., Zazubina I.S., Sandomirskaya S.M.	Can. Min. (1997), 35, 1415-1419	Kazakhstan - Ulytau-Karatau-Naryn Belt - Found in outcrops of black shales of the vanadium-bearing Kurumsak-Formation	Geological Museum of the Satpaev Institute of Geological Sciences MS-AS RK-Almaty	Kazakhstan	T	GM IGS 24/1270
Mitscherlichite		1925	Zambonini F., Carobbi G.	Annali R. Osservatorio Vesuviano (1925), III, 2, 7-9	Italy - Campania - Napoli - Vesuvio, Monte Somma	MMUFI-Firenze	Italy	HT	225/I
Mixite		1880	Schrauf A.	Zeitschrift für Kristallographie und Mineralogie (1880), 4, 277-285	Czech Republic - Bohemia - Karlovy Vary Region - Krusne Hory Mts - Jachymov District - Jachymov				
Miyahisaitaite	2011-043	2012	Nishio-Hamane D., Ogoshi Y., Minakawa T.	Journal of Mineralogical and Petrological Sciences (2012), 107/3, 121-126	Japan - Oita Prefecture - Shimoharai mine	NSM-Tokyo	Japan	T	NSM M-41299
Moctezumite	1965-004	1965	Gaines R.V.	Amer. Min. (1965), 50, 1158-1163	Mexico - Sonora - Municipio de Moctezuma - Moctezuma - Moctezuma mine (Te-Au deposit)	MHN-Paris	France	T	175.84

Moctezumite	1965-004	1965	Gaines R.V.	Amer. Min. (1965), 50, 1158-1163	Mexico - Sonora - Municipio de Moctezuma - Moctezuma mine (Te-Au deposit)	NMNH-Washington	USA	T	128392, 164345, 164364
Modderite		1924	Cooper R.A.	Chem. Metall. Min. Soc. S. Africa (1924), 24, 265	South Africa - Transvaal (central) - Witwatersrand deposit - Modderfontein mine	NMNH-Washington	USA	T	
Moëloïte	1998-045	2002	Orlandi P., Meerschaut A., Palvadeau P., Merlino S.	Eur. J. Min. (2002), 14, 599-606	Italy - Tuscany - Lucca - Pisa (35 km N of), Seravezza (near) - Cergaiola marble quarry	MSNU-Pisa	Italy	T	19306
Moganite	1999-035	1984	Flörke O.W., Flörke U., Giese U.	Neues Jahrbuch für Mineralogie Abhandlungen (1984), 149, 323-336	Spain - Gran Canaria - Mogan formation	RUB-Bochum	Germany	HT	
Mogovidite	2004-040	2005	Chukanov N.V., Moiseyev M.M., Rastsvetaeva R.K., Rozenberg K.A., Zadov A.E.	ZRMO (2005), 134/6, 36-47	Russia - Kola Peninsula - Kovdor massif - iron ore quarry (Fe)	FMM-Moscow	Russia	T	3221/1 and 3290/1
Mohite	1981-015	1982	Kovalenker V.A., Malov V.S., Evstigneeva T.L.	ZVMO (1982), 111/1, 110-114	Uzbekistan - Angren district - Kuraminskii Range - Kochbulak deposit (gold deposit)	FMM-Moscow	Russia	T	81594
Möhnite	2014-101	2015	Chukanov N.V., Aksenov S.M., Rastsvetaeva R.K., Pekov I.V., Belakovskiy D.I., Brilvin S.M.	Mineralogy and Petrology (2015), 109/5, 643-648	Chile - Tarapaca Region - Iquique Province - Chanabaya (near) - Pabellon de Pica (S20°55', W70°08')	FMM-Moscow	Russia	T	4638/1
Mohrite	1964-023	1964	Garavelli C.L.	Atti Accad. Lincei, Rend. Cl. Sci. fis. mat. nat., Roma (1964), ser.8, 36, 524-533	Italy - Toscana - Grosseto - Val di Cecina - Travale	MMUFI-Firenze	Italy	HT	16817/G
Moissanite		1905	Kunz G.F.	American Journal of Science (1905), 19, 396-397	Meteorite-USA - USA - Arizona - Coconino County - Winslow - Meteor Crater area - Canyon Diablo meteorite				
Mojaveite	2013-120	2014	Mills S.J., Kampf A.R., Christy A.G., Housley R.M., Rossman G.R., Reynolds R.E., Marly J.	Min. Mag. (2014), 78/5, 1325-1340	USA - California - Mojave Desert - San Bernardino County - 11 km west of Baker - Soda Mountains - Blue Bell claims - E pit	LACMNH-Los Angeles	USA	CT/CT	64091 to 64092
Mojaveite	2013-120	2014	Mills S.J., Kampf A.R., Christy A.G., Housley R.M., Rossman G.R., Reynolds R.E., Marly J.	Min. Mag. (2014), 78/5, 1325-1340	USA - Otto Mountain - near Baker - Bird Nest drift	LACMNH-Los Angeles	USA	CT/CT	64093, 64094
Mojaveite	2013-120	2014	Mills S.J., Kampf A.R., Christy A.G., Housley R.M., Rossman G.R., Reynolds R.E., Marly J.	Min. Mag. (2014), 78/5, 1325-1340	USA - Otto Mountain - near Baker - Bird Nest drift	MOV-Melbourne	Australia	CT	M53019
Molinelloïte	2016-055		Kolitsch U., Lengauer C.L., Bernhardt H.-J., Ciriotti M.E., Fischer R.X., Armellino G.	Newsletter 33 in Min. Mag. (2016), 80/6, 1135-1144	Italy - Liguria - Genova district - Val Gravaglia - Ne - Molinello mine (N44°43', E9°32')	NHM-Wien	Austria	T	N 9735
Moluranite		1959	Epshteyn G.Y.	ZVMO (1959), 88(5), 564-570	Russia - Northern Transbaikalian Region - Chara area - Udokan Range - Aleksandrovskii Goleits (Mo-U occurrence)				
Molybdenite-3R		1973	Trail R.J.	Can. Min. (1963), 7, 524-526	Canada - Northwest Territories - Mackenzie District - Yellowknife - Can. Mine	GSC-Ottawa	Canada	HT	12112
Molybdite	1963 s.p.	1963	Cech F., Povondra P.	Acta Universitatis Carolinae, Geologica (1963), 1, 1-14	Czech Republic - Bohemia - Ústí Region - Krušné Hory Mts - Krupka - Knöfelf area - Quartz vein outcrops				
Molybdoformacite	1982-062	1983	Medenbach O., Abraham K., Gebert W.	Neues Jahrbuch für Mineralogie Monatshefte (1983), 289-295	Namibia - Tsumeb - Tsumeb mine (Cu-Pb-Zn-Ag-Ge-Cd deposit)	RUB-Bochum	Germany	HT	
Molybdomenite	2007 s.p.	1882	Bertrand E.	Bulletin de la Société Minéralogique de France (1882), 5, 90-92	Argentina - Mendoza - Cerro de Cacheuta	MHN-Paris	France	CT	98293
Molybdophyllite		1901	Flink G.	Bulletin of the Geological Institution of the University of Upsala (1901), 5, 81-96	Sweden - Värmland - Filipstad - Langban				
Molysite		1868	Dana J.D., Brush G.J.	A System of Mineralogy, 5th ed. (1868), 118	Italy - Campania - Naples Province - Somma-Vesuvius Complex - Mt Vesuvius				
Monoïite	2009-026	2010	Tanaka H., Endo S., Minakawa T., Enami M., Nishio-Hamane D., Miura H., Hagiwara A.	Journal of Mineralogical and Petrological Sciences (2010), 105(2), 92-96	Japan - Ehime Prefecture - Kurose mine	HU-Sapporo	Japan	T	7401
Monazite-(Ce)	1966 s.p.	1829	Breithaupt A.	Jahrb. Chem. Phys. (Schweigger) (1829), 55, 296-306	Russia - Ural-Yu - Chelyabinsk - Slatoust (= Zlatoust) - Ilmen Mts.	TU-BA-Freiberg	Germany	HT	19539
Monazite-(Ce)	1966 s.p.	1829	Breithaupt A.	Jahrb. Chem. Phys. (Schweigger) (1829), 66, 296-306	Russia - Ural - Ilmen Mts. - Chelyabinsk Oblast - Miass	TU-BA-Freiberg	Germany	T	19538
Monazite-(La)	1966 s.p.	1945	Borovskii I.B., Gerasimovskiy V.I.	Doklady Akademii Nauk SSSR (1945), 49/5, 362-365	Kazakhstan - Central Kazakhstan - Northern Balkhash Region - Kounrad Massif				
Monazite-(Nd)	1986-052	1987	Graeser S., Schwander H.	Schweizerische Mineralogische Petrographische Mitteilungen (1987), 67, 103-113	Italy - Piemonte - Novara - Val Formazza, Vannino - Glogstafel	NMBA-Basel	Switzerland	HT/CT	S86 ; 30803
Monazite-(Sm)	2001-001	2002	Masau M., Cerny P., Cooper M.A., Chapman R., Grice J.	Can. Min. (2002), 40, 1649-1655	Canada - Manitoba - near Greer Lake - close Winnipeg River - Annie claim no. 3	UMW-Winnipeg	Canada	T	
Moncheite	1967 s.p.	1963	Genkin A.D., Zhuravlev N.N., Smirnova E.M.	ZVMO (1963), 92/1, 33-50	Russia - Northern Region - Murmanskaya Oblast - Monche-Tundra - Monchegorsk - Monchegorsk deposit (Cu-Ni deposit)	FMM-Moscow	Russia	T	64852
Moncheite	1967 s.p.	1963	Genkin A.D., Zhuravlev N.N., Smirnova E.M.	ZVMO (1963), 92/1, 33-50	Russia - Northern Region - Murmanskaya Oblast - Monche-Tundra - Monchegorsk - Monchegorsk deposit (Cu-Ni deposit)	GKB-Apatity	Russia	T	5966
Monchetundraite	2019-020	2020	Vymazalova A., Laufek F., Grokhovskaya T.L., Stanley C.J.	Mineralogy and Petrology (2020), 114, 263-271	Russia - Kola Peninsula - Monchetundra layered intrusion - Borehole 1819 (depth 101 m) (N67°52'22", E32°47'60") (2)	NHM-London	United Kingdom	T	BM2019.2
Monetite		1882	Shepard C.U.	Amer. J. Sci., ser. 3 (1882) 23, 400-405	Puerto Rico - Mayaguez (40 mls. S of) - Muna Muna (resp. Monal Island)	NHM-London	United Kingdom	CT	BM 54779
Monetite		1882	Shepard C.U.	Amer. J. Sci., ser. 3 (1882) 23, 400-405	Puerto Rico - Mayaguez (40 mls. S of) - Muna Muna (resp. Monal Island)	NMNH-Washington	USA	T	123822 and 128715
Mongolite	1983-027	1985	Vladyskin N.V., Drita V.A., Kovalevko V.I., Dorfman M.D., Malov V.S., Gershkov A.I.	ZVMO (1985), 114, 374-377	Mongolia - Gobi - Khan Bogdinskii massif - Dotozhni pegmatite	FMM-Moscow	Russia	T	
Monimolite	2013 s.p.	1865	Igelström L.J.	Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar (1865), 22, 227-229	Sweden - Värmland - Filipstad - Filipstad - Hartsigen	SMNH-Stockholm	Sweden	HT	581758?
Monipite	2007-033	2014	Ma Chi, Beckett J.R., Rossman G.R.	Amer. Min. (2014), 99, 198-205	Meteorite-Mexico - Mexico - Chihuahua - Pueblito de Allende - Allende meteorite	NMNH-Washington	USA	T	USNM 7554

Monohydrocalcite		1964	Semenov E.I.	Kristallografiya (1964), 9/1, 109-110	Kyrgyzstan - Issyk-Kul'skaya Oblast' - Issyk-Kul Lake	FMM-Moscow	Russia	T	72027
Montanite		1868	Genth F.A.	American Journal of Science (1868), 45, 318	USA - Montana - Silver Bow County - Highland District				
Montbrayite	2017 s.p.	1945	Peacock M.A., Thompson R.M.	Bull. Geol. Soc. Amer. (1945), 56, 1189 (abstr.)	Canada - Québec - Abitibi-Témiscamingue - Rouyn-Noranda TE - Robb-Montbray Mine	HMM-Cambridge	USA	CT	97681
Montbrayite	2017 s.p.	1945	Peacock M.A., Thompson R.M.	Bull. Geol. Soc. Amer. (1945), 56, 1189 (abstr.)	Canada - Québec - Abitibi-Témiscamingue - Rouyn-Noranda TE - Robb-Montbray Mine	ROM-Toronto	Canada	CT	M19883, M37273, M37276, M37282, M37287
Montdorite	1998 s.p.	1979	Robert J.L., Maury R.C.	Contributions to Mineralogy and Petrology (1979), 68, 117-123	France - Auvergne - Puy-de-Dôme department - La Bourboule (near) - Mont Dore	MHN-Paris	France	T	180.51
Montdorite	1998 s.p.	1979	Robert J.L., Maury R.C.	Contributions to Mineralogy and Petrology (1979), 68, 117-123	France - Auvergne - Puy-de-Dôme department - La Bourboule (near) - Mont Dore	NHM-London	United Kingdom	CT	BM 1983.43
Montdorite	1998 s.p.	1979	Robert J.L., Maury R.C.	Contributions to Mineralogy and Petrology (1979), 68, 117-123	France - Auvergne - Puy-de-Dôme department - La Bourboule (near) - Mont Dore	NMNH-Washington	USA	T	142228 or 2228
Montebrasite		1872	Des Cloizeaux A.	Comptes Rendus Académie des Sciences de Paris (1872), 73, 306	France - Limousin - Creuse dép. - Soumans - Montebras (Sn deposit)	MHN-Paris	France	T	104.86, 104.467
Monteneroite	2020-028	2020	Kampf A.R., Plasil J., Nash B.P., Ciriotti M.E., Castellano F., Chioppino L.	Min. Mag. (2020), 84, 881-887	Italy - Liguria - La Spezia - Rocchetta di Vara - Monte Nero mine (N44°14'48", E9°45'27")	LACMNH-Los Angeles	USA	T	67509
Monteneveite	2018-060	2020	Karlsson A., Holstam D., Bindi L., Bonazzi P., Konrad-Schmolke M.	Eur. J. Min. (2020), 32/1, 77-87	Italy - Trentino-Alto Adige (South Tyrol) - Bolzano Province - Passiria Valley - Monteneve (Schneeberg) mine (N46°53'46", E11°10'46")	SMNH-Stockholm	Sweden	HT	GEO-NRM HS3903
Monteponite		1946	Fairbanks E.E.	Economic Geology (1946), 41, 761	Italy - Sardinia - Carbonia-Iglesias Province - Iglesias - Monteponi Mine				
Monteregianite-(Y)	1987 s.p.	1978	Chao George Y.	Can. Min. (1978), 16, 561-565	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	CMN-Ottawa	Canada	HT	37130
Monteregianite-(Y)	1987 s.p.	1978	Chao George Y.	Can. Min. (1978), 16, 561-565	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	NMNH-Washington	USA	T	145548
Montesommaite	1988-038	1990	Rouse R.C., Dunn P.J., Grice J.D., Schlenker J.L., Higgins J.B.	Amer. Min. (1990), 75, 1415-1420	Italy - Campania - Napoli - Vesuvio, Monte Somma - Pollena	NMNH-Washington	USA	HT	165440
Montetrisaite	2007-009	2009	Orlandi P., Bonaccorsi E.	Can. Min. (2009), 47, 143-151	Italy - Vicenza - Monte Trisa	MSN-UP-Calci (Pisa)	Italy	T	18900
Montgomeryite		1940	Larsen E.S.	Amer. Min. (1940), 25/5, 315-326	USA - Utah - Utah County - Fairfield (near) - Clay Canyon	HMM-Cambridge	USA	T	95481
Monticellite		1831	Brooke H.J.	Philosophical Magazine (1831), 10, 265-268	Italy - Campania - Napoli - Vesuvio, Monte Somma	MMUNa-Napoli	Italy	T	22111
Montmorillonite		1847	Mauduyt M.	Bulletin de la Société Géologique de France (1847), ser. 2, 4, 168-170	France - Poitou-Charantes - Vienne dép. - Montmorillon - Maison-Dieu	MHN-Paris (?)	France	T	
Montroseite		1953	Weeks A.D., Cisney E.A., Sherwood A.M.	Amer. Min. (1951), 36, 326-327 (abstract) and Amer. Min. (1953), 38, 1235-1241	USA - Colorado - Montrose County - Uravan mineral belt, Paradox Valley - Bitter Creek mine	NMNH-Washington	USA	T	106897/8
Montroyalite	1985-001	1986	Roberts A.C., Sabina A.P., Bonardi M., Jambor J.L., Ramik R.A., Sturman B.D., Carr M.J.	Can. Min. (1986), 24, 455-459	Canada - Quebec - (Montreal Island - St. Michel) - Francon quarry	GSC-Ottawa	Canada	HT/CT	HT 64261, CT 64265
Montroyalite	1985-001	1986	Roberts A.C., Sabina A.P., Bonardi M., Jambor J.L., Ramik R.A., Sturman B.D., Carr M.J.	Can. Min. (1986), 24, 455-459	Canada - Quebec - (Montreal Island - St. Michel) - Francon quarry	ROM-Toronto	Canada	HT	M43798
Montroydite		1903	Moses A.J.	Amer. J. Sci., ser. 4 (1903) 16, 253-263	USA - Texas - Brewster County - Terlingua (near) - Mercury deposit	NMNH-Washington	USA	T	86637/8 and 87483
Moolhoekite	1971-019	1972	Cabri L.J., Hall S.R.	Amer. Min. (1972), 57, 689-708	South Africa - Eastern Transvaal - Lydenburg District - Moolhoek deposit	NMNH-Washington	USA	T	124965
Moolhoekite	1971-019	1972	Cabri L.J., Hall S.R.	Amer. Min. (1972), 57, 689-708	South Africa - Eastern Transvaal - Lydenburg District - Moolhoek deposit	ROM-Toronto	Canada	CT	M30992
Moolooite	1980-082	1986	Clark R.M. and Williams I.R.	Min. Mag. (1986), 50, 295-298	Australia - Western Australia (NW) - Murchison - Mooloo Downs station homestead (12 km E of) (S25°00', E116°00')	WAM-Perth	Australia	T	MDC 6738
Mooreite		1929	Bauer L.H., Berman H.	Amer. Min. (1929), 14, 103 and 165-172	USA - New Jersey - Sussex County - Ogdensburg - Sterling Hill mine	NMNH-Washington	USA	T	95985
Moorhouseite	1963-008	1965	Jambor J.L., Boyle R.W.	Can. Min. (1965), 8, 166-171	Canada - Nova Scotia - Hants County - Walton (SW of) - Magnet Cove Barium Corp. mine	ENSM-Paris	France	CT	50811
Moorhouseite	1963-008	1965	Jambor J.L., Boyle R.W.	Can. Min. (1965), 8, 166-171	Canada - Nova Scotia - Hants County - Walton (SW of) - Magnet Cove Barium Corp. mine	GSC-Ottawa	Canada	HT	12145
Mopungite	1982-020	1985	Williams S.A.	Mineralogical Record (1985), 16, 73-74	USA - Nevada - Churchill County - Desert Hills, Mopungo Hills - Green Prospect	NHM-London	United Kingdom	CT	BM 1984.477
Mopungite	1982-020	1985	Williams S.A.	Mineralogical Record (1985), 16, 73-74	USA - Nevada - Churchill County - Desert Hills, Mopungo Hills - Green Prospect	NMNH-Washington	USA	T	161224
Moraesite		1953	Lindberg M.L., Pecora W.T., Barbosa A.L. de M.	Amer. Min. (1953), 38, 1126-1133	Brazil - Minas Gerais - Galileia - Sapucaia pegmatite	ENSM-Paris	France	CT	50740
Moraesite		1953	Lindberg M.L., Pecora W.T., Barbosa A.L. de M.	Amer. Min. (1953), 38, 1126-1133	Brazil - Minas Gerais - Galileia - Sapucaia pegmatite	NMNH-Washington	USA	T	106577
Moraskoite	2013-084	2015	Karwowski L., Kusz J., Muszynski A., Kryza R., Sitarz M., Galuskin E.V.	Min. Mag. (2015), 79/2, 387-398	Meteorite-Poland - Morasko iron meteorite (IAB-MG group) - northern edge of the city Poznan (N59°29'25.2", E16°53'25.9")	MMUWv-Wroclaw	Poland	T	MMUWv IV-7766
Mordenite	1997 s.p.	1864	How H.	Journal of the Chemical Society, London (1864), 17, 100-104	Canada - Nova Scotia - Kings County - Morden (3-5 km E of)	NHM-London	United Kingdom	CT	BM 52574
Mordenite	1997 s.p.	1864	How H.	Journal of the Chemical Society, London (1864), 17, 100-104	Canada - Nova Scotia - Kings County - Morden (3-5 km E of)	NMNH-Washington	USA	T	R04062
Moreauite	1984-010	1985	Deliens M., Piret P.	Bulletin de Minéralogie (1985), 108, 9-13	Zaire - Kivu - Mwenga - Kobokobo open pit	MRAC-KMMA-Tervuren	Belgium	HT	RGM 13.748
Morelandite	1977-035	1978	Dunn P.J., Rouse R.C.	Can. Min. (1978), 16, 601-604	Sweden - Värmland - Filipstad-Filipstad - Jakobsberg	HMM-Cambridge	USA	HT	126607
Morelandite	1977-035	1978	Dunn P.J., Rouse R.C.	Can. Min. (1978), 16, 601-604	Sweden - Värmland - Filipstad-Filipstad - Jakobsberg	NMNH-Washington	USA	T	C04147

Morelandite	1977-035	1978	Dunn P.J., Rouse R.C.	Can. Min. (1978), 16, 601-604	Sweden - Värmland - Filipstad - Filipstad - Jakobsberg	ROM-Toronto	Canada	HT	M35176
Morenosite		1850	Hunt in Dana J.D.	A System of Mineralogy, 3rd ed. Wiley, New York (1850), 679	Spain - Galicia - A Coruna - Cedeira - Teixidelo - Manolita mine				
Morimotoite	1992-017	1995	Henmi C., Kusachi I., Henmi K.	Min. Mag. (1995), 59, 115-120	Japan - Honshu - Okayama Pref. - Bicchu (Bitchu) township - Fuka mine	NSM-Tokyo	Japan	T	M-26198
Morinite	1967 s.p.	1891	Lacroix A.	Bulletin de la Société Française de Minéralogie (1891), 14, 187-189	France - Limousin - Creuse dép. - Soumans - Montebras (Sn deposit)	MHN-Paris	France	CT	94.17, 94.18
Morinite	1967 s.p.	1891	Lacroix A.	Bulletin de la Société Française de Minéralogie (1891), 14, 187-189	France - Limousin - Creuse dép. - Soumans - Montebras (Sn deposit)	ENSM-Paris	France	CT	110-497
Morozevitzite	1974-036	1975	Haranczyk C.	Rudi Metale Niezelazne (1975), 20/6, 288-293	Poland - Lower Silesia - Rudna - Polkavice mine	JUKr-Krakow	Poland	CT	5 polished sections
Morrisonite	2014-088	2016	Kampf A.R., Hughes J.M., Nash B.P., Marly J.	Can. Min. (2016), 54, 145-162	USA - Colorado - Mesa County - Gateway district - Packrat mine (N38°38'51.28", W109°02'49.77")	LACMNH-Los Angeles	USA	CT	64149, 65554, 65555, 65556
Mosandrite-(Ce)	2016 s.p.	1841	Erdmann A. cited in Berzelius J.	Jahres-Bericht über die Fortschritte der Physischen Wissenschaften (1841), 21, 178-179	Norway - Vestfold - Larvik - Låven island (Langesundfjord)	SMNH-Stockholm	Sweden	T	531073
Moschellite	1987-038	1989	Krupp E.R., Nottes G., Heidtke U.	Neues Jahrbuch für Mineralogie Monatshefte (1989), 524-526	Germany - Rheinland-Pfalz - Nordpfälzer Bergland, Donnersberg Kreis - Donnersberg Kreis, Obermoschel (SE of) - Backofen mine	NHM-Wien	Austria	CT	M549
Moschellandsbergite		1938	Berman H., Harcourt G.A.	Amer. Min. (1938), 23, 763-764	Germany - Rheinland-Pfalz - Nordpfälzer Bergland, Donnersberg Kreis - Donnersberg Kreis, Obermoschel (SE of) - Moschellandsberg	NMM-Mainz	Germany	T	G1986/1971
Mosite		1910	Canfield F.A., Hillebrand W.F., Schaller W.T.	Amer. J. Sci., ser. 4 (1910) 30, 202-208	USA - Texas - Brewster County - Terlingua (near) - Mercury deposit	NMNH-Washington	USA	T	93292 and C00870
Moskvinit-(Y)	2002-031	2003	Agakhanov A.A., Pautov L.A., Sokolova E.V., Hawthorne F.C., Karpenko V.Y.	ZVMO (2003), 132/6, 15-21	Tajikistan - northern Tajikistan - Tien-Shan Mountains, Alai mountain ridge - Darai-Pioz glacier - moraine of the glacier	FMM-Moscow	Russia	T	
Mössbauerite	2012-049	2014	Génin J.-M.R., Mills S.J., Christy A.G., Guérin O., Herbillon A.J., Kuzmann E., Ona-Nguema G., Ruby C., Upadhyay C.	Min. Mag. (2014), 78/2, 447-465	France - Ile-et-Vilaine - Mont Saint-Michel Bay (tidal flats)	MOV-Melbourne	Australia	HT	M52078
Mössbauerite	2012-049	2014	Génin J.-M.R., Mills S.J., Christy A.G., Guérin O., Herbillon A.J., Kuzmann E., Ona-Nguema G., Ruby C., Upadhyay C.	Min. Mag. (2014), 78/2, 447-465	France - Ile-et-Vilaine - Mont Saint-Michel Bay (tidal flats)	ELU-Budapest	Hungary	HT (?)	
Mössbauerite	2012-049	2014	Génin J.-M.R., Mills S.J., Christy A.G., Guérin O., Herbillon A.J., Kuzmann E., Ona-Nguema G., Ruby C., Upadhyay C.	Min. Mag. (2014), 78/2, 447-465	France - Ile-et-Vilaine - Mont Saint-Michel Bay (tidal flats)	ENSM-Paris	France	HT (?)	
Mössbauerite	2012-049	2014	Génin J.-M.R., Mills S.J., Christy A.G., Guérin O., Herbillon A.J., Kuzmann E., Ona-Nguema G., Ruby C., Upadhyay C.	Min. Mag. (2014), 78/2, 447-465	France - Ile-et-Vilaine - Mont Saint-Michel Bay (tidal flats)	UCL-Louvain-la-Neuve	Belgium	HT (?)	
Moffanite-(Ce)	2001-020	2002	Della Ventura G., Bonazzi P., Oberli R., Ottolini L.	Amer. Min. (2002), 87, 739-744	Italy - Lazio - Roma - Sabatini volcanic complex - Monte Cavalluccio	MMURo-Roma	Italy	HT	30023/1
Mottramite		1876	Roscoe H.E.	Proceedings of the Royal Society of London (1876), 25, 111	Great Britain - England - Cheshire - St Andrew - Mottram	NHM-London	United Kingdom	CT	BM 52314-5
Motukoreait	1976-033	1977	Rodgers K.A., Chisholm J.E., Davis R.J., Nelson C.S.	Min. Mag. (1977), 41, 389-390 and M21	New Zealand - NE-Island - Auckland district - Waitemata Harbour - Browns Island (= Motukorea)	NHM-London	United Kingdom	HT	BM 1977.422
Motukoreait	1976-033	1977	Rodgers K.A., Chisholm J.E., Davis R.J., Nelson C.S.	Min. Mag. (1977), 41, 389-390 and M21	New Zealand - NE-Island - Auckland district - Waitemata Harbour - Browns Island (= Motukorea)	NMNH-Washington	USA	HT	142971
Motukoreait	1976-033	1977	Rodgers K.A., Chisholm J.E., Davis R.J., Nelson C.S.	Min. Mag. (1977), 41, 389-390 and M21	New Zealand - NE-Island - Auckland district - Waitemata Harbour - Browns Island (= Motukorea)	UA-Auckland	New Zealand	HT	
Mounanite	1968-031	1969	Cesbron F., Fritsche J.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1969), 92, 196-202	Gabon - Dept. Haut-Ogooué - Franceville - Mounana (U- and V-deposit)	ENSM-Paris	France	CT	50892
Mountainite		1957	Gard J.A., Taylor H.F.W., Chalmers R.A.	Min. Mag. (1957), 31, 611-623	South Africa - Northern Cape Province - Kimberley - Bufffontein kimberlite pipe	NHM-London	United Kingdom	CT	BM 1957.369
Mountainite		1957	Gard J.A., Taylor H.F.W., Chalmers R.A.	Min. Mag. (1957), 31, 611-623	South Africa - Northern Cape Province - Kimberley - Bufffontein kimberlite pipe	NMNH-Washington	USA	T	114792
Mountkeithite	1980-038	1982	Hudson D.R., Bussell M.	Min. Mag. (1981), 44, 345-350	Australia - Western Australia (central part) - Mount Keith Ni-deposit (52°12' E 120°33')	WAM-Perth	Australia	HT/CT	M72.1991
Mourite	1967 s.p.	1962	Kopchenova E.V., Skvortsova K.V., Silantjeva N.I., Siderenko G.A., Mikhailova L.V.	ZVMO (1962), 91, 67-71	Kazakhstan - Alma Ata, WNW of - Chu-Ili Mts. - Kyzyl-say mine (Mo-U deposit)	NMNH-Washington	USA	T	127972
Mourite	1967 s.p.	1962	Kopchenova E.V., Skvortsova K.V., Silantjeva N.I., Siderenko G.A., Mikhailova L.V.	ZVMO (1962), 91, 67-71	Kazakhstan - Alma Ata, WNW of - Chu-Ili Mts. - Kyzyl-say mine (Mo-U deposit)	FMM-Moscow	Russia	T	65196, 67299
Mourite	1967 s.p.	1962	Kopchenova E.V., Skvortsova K.V., Silantjeva N.I., Siderenko G.A., Mikhailova L.V.	ZVMO (1962), 91, 67-71	Kazakhstan - Alma Ata, WNW of - Chu-Ili Mts. - Kyzyl-say mine (Mo-U deposit)	MM-St. Petersburg	Russia	T	999/1
Moxuanxueite	2019-100		Kai Qu, Guochen Dong, Ting Li, Guang Fan, Yufei Wang, Yinhang Cheng, Ruoshi Jin, Xiaoming Sun, Fengqiang Zhao, Yanjuan Wang	Newsletter 58 in Eur. J. Min. (2020), 32, 645-651	China - Yunnan Province - Honghe Hani and Yi Autonomous Prefecture - Gejiu intrusion (N23°29'40", E103°04'41")	Geological Museum of China-Beijing	China	T	M16103
Moydite-(Y)	1987 s.p.	1986	Grice J.D., van Velthuizen J., Dunn P.J., Newberry D.E., Etz E.S., Nielsen C.H.	Can. Min. (1986), 24, 665-673	Canada - Québec - Les Collines-de-l'Outaouais RCM - Val-des-Monts - Lac Saint-Pierre (former Wakefield Lake) - Evans-Lou pegmatite mine	CMN-Ottawa	Canada	HT	50772 - CT 50771
Moydite-(Y)	1987 s.p.	1986	Grice J.D., van Velthuizen J., Dunn P.J., Newberry D.E., Etz E.S., Nielsen C.H.	Can. Min. (1986), 24, 665-673	Canada - Québec - Les Collines-de-l'Outaouais RCM - Val-des-Monts - Lac Saint-Pierre (former Wakefield Lake) - Evans-Lou pegmatite mine	NMNH-Washington	USA	CT	162936
Mozartite	1991-016	1993	Basso A., Lucchetti G., Zefriol L., Palenzona A.	Can. Min. (1993), 31, 331-336	Italy - Liguria - Spezia - Val di Vara (near Borghetto di Vara) - Cerchiara mine	IMUGe-Genova	Italy	T	

Mozgovaitite	1998-060	1999	Vurro F., Garavelli A., Garbarino C., Moelo Y., Borodaev Y.S.	Can. Min. (1999), 37, 1499-1506	Italy - Aeolian Islands - Vulcano - La Fossa crater	MMUBa-Bari	Italy	HT	No. 5/nm
Mpororoite	1970-037	1972	von Knorring O., Sahama T.G., Lehtinen M.	Bulletin of the Geological Society of Finland (1972), 44, 107-110	Uganda - Kigezi District - Kisoro - Mpororo deposit (W deposit)				
Mrazekite	1990-045	1992	Ridkasil T., Šrein V., Fabry J., Hybler J., Maximov B.A.	Can. Min. (1992), 30, 215-224	Slovakia - Slovenské Rudohorie Mts. - Banská Bystrica (15 km E of) - L'ubietova - Reineria mine (former)	CUP-Praha	Czech Republic	CT	PIN 88529
Mrazekite	1990-045	1992	Ridkasil T., Šrein V., Fabry J., Hybler J., Maximov B.A.	Can. Min. (1992), 30, 215-224	Slovakia - Slovenské Rudohorie Mts. - Banská Bystrica (15 km E of) - L'ubietova - Reineria mine (former)	NMCR-Praha	Czech Republic	CT	
Mrazekite	1990-045	1992	Ridkasil T., Šrein V., Fabry J., Hybler J., Maximov B.A.	Can. Min. (1992), 30, 215-224	Slovakia - Banská Bystrica Region - Western Slovenské Rudohorie Mts. - L'ubietova (Libethen) - Reineria mine	TU-BA-Freiberg	Czech Republic	CT	81856
Mroseite	1974-032	1975	Mandarino J.A., Mitchell R.S., Hancock R.G.V.	Geol. Soc. Amer., Abstr. Progr. (1975), 7, no. 6, 814-815	Mexico - Sonora - Municipio de Moctezuma - Moctezuma - Moctezuma mine (Te-Au deposit)	ROM-Toronto	Canada	HT	M33757
Mückeite	1988-018	1989	Schnorrer-Köhler G., Neumann U., Doering Th.	Neues Jahrbuch für Mineralogie Monatshefte (1989), 193-200	Germany - Rhineland-Palatinate - Siegerland - betzdorf (near) - Schutzbach - Grüne Au mine	MPIU-Tübingen	Germany	CT	AS126
Mückeite	1988-018	1989	Schnorrer-Köhler G., Neumann U., Doering Th.	Neues Jahrbuch für Mineralogie Monatshefte (1989), 193-200	Germany - Rhineland-Palatinate - Siegerland - betzdorf (near) - Schutzbach - Grüne Au mine	MSU-Göttingen	Germany	HT (part of)	2.3.20.1/4
Muirite	1964-013	1965	Alfors J.T., Stinson M.C., Matthews R.A., Pabst A.	Amer. Min. (1965), 50, 314-340	USA - California - Fresno County - Trimmer (5 mls NE of) - Big Creek and Rusch Creek sanbornite deposit	CDMG-San Francisco	USA	T	
Mukhinitite	1968-035	1969	Shepel' A.B., Karpenko M.B.	Doklady Akademii Nauk SSSR (1969), 185/6, 1342-1345	Russia - SW Siberia - Kemerovo district - Gomaya Shoria - Tashelga River mouth (near) - Tashelginskoye deposit (iron deposit)	FMM-Moscow	Russia	T	71421
Müllerite	2019-060	2020	Mills S.J., Kampf A.R., Momma K., Housley R.M., Marty J.	Can. Min. (2020), 58/4, 413-419	USA - California - San Bernardino County - Baker (2.5 km WNW of) - Otto Mountain - Aga mine (N35.27215°, W116.09487°)	LACNMH-Los Angeles	USA	CT	73612
Müllerite	2019-060	2020	Mills S.J., Kampf A.R., Momma K., Housley R.M., Marty J.	Can. Min. (2020), 58/4, 413-419	USA - California - San Bernardino County - Baker (2.5 km WNW of) - Otto Mountain - Aga Pit (N35.271320°, W116.094100°)	MOV-Melbourne	Australia	CT	M54913
Müllerite	2019-060	2020	Mills S.J., Kampf A.R., Momma K., Housley R.M., Marty J.	Can. Min. (2020), 58/4, 413-419	USA - California - San Bernardino County - Baker (2.5 km WNW of) - Otto Mountain - Aga Pit (N35°16'17", W116°05'39")	LACNMH-Los Angeles	USA	CT	
Müllerite	2019-060	2020	Mills S.J., Kampf A.R., Momma K., Housley R.M., Marty J.	Can. Min. (2020), 58/4, 413-419	USA - California - San Bernardino County - Baker (2.5 km WNW of) - Otto Mountain - SW cut (N35.27222°, W116.10116°)	LACNMH-Los Angeles	USA	CT	73609
Müllerite	2019-060	2020	Mills S.J., Kampf A.R., Momma K., Housley R.M., Marty J.	Can. Min. (2020), 58/4, 413-419	USA - California - San Bernardino County - Baker (2.5 km WNW of) - Otto Mountain - Bird Nest drift (N35.27658°, W116.10023°)	LACNMH-Los Angeles	USA	CT	73611
Müllerite	2019-060	2020	Mills S.J., Kampf A.R., Momma K., Housley R.M., Marty J.	Can. Min. (2020), 58/4, 413-419	USA - California - San Bernardino County - Baker (2.5 km WNW of) - Otto Mountain - Bird Nest E3 vein (N35.27538°, W116.09263°)	LACNMH-Los Angeles	USA	CT	73610
Müllerite	2019-060	2020	Mills S.J., Kampf A.R., Momma K., Housley R.M., Marty J.	Can. Min. (2020), 58/4, 413-419	USA - California - San Bernardino County - Baker (2.5 km WNW of) - Otto Mountain - Library mine (N35°16'42", W116°06'05")	LACNMH-Los Angeles	USA	CT	
Mullite		1924	Bowen N.L., Greig J.W., Zies E.G.	J. Amer. Ceram. Soc. (1924), 7, 244	Great Britain - Scotland - Argyllshire - Mull, Carsaig - Nuns Pass, Seabank Villa	NHM-London	United Kingdom	CT	BM 1925.432-437
Mummeite	1986-025	1992	Karup-Møller S., Makovicky E.	Neues Jahrbuch für Mineralogie Monatshefte (1992), 555-576	USA - Colorado - San Juan County - Poughkeepsie Gulch - Alaska mine	MNH-Denver	USA	T	
Munakataite	2007-012	2008	Matsubara S., Mouri T., Miyawaki R., Yokoyama K., Nakahara M.	Journal of Mineralogical and Petrological Sciences (2008), 103, 327-332	Japan - Fukuoka - Kato mine	MSN-Tokyo	Japan	T	NSM-M28982
Mundite	1980-075	1981	Deilens M., Piret P.	Bulletin de Minéralogie (1981), 104, 669-671	Zaire - Kivu - Mwenga - Kobokobo open pit	MRAC-KMMA-Tervuren	Belgium	HT	RGM 11.888
Mundrabillaite	1978-058	1983	Bridge P.J., Clark R.M.	Min. Mag. (1983), 47, 80-81	Australia - Western Australia - Eucla-SE - Madura (near) - Petrogale Cave (S31°58', E127°00')	WAM-Perth	Australia	HT	MDC 5902
Munirite	1982-038	1983	Butt K.A., Mahmood K.	Min. Mag. (1983), 47, 391-392	Pakistan - Azad Kashmir - Bhimber area (on outcrops of the Siwalik sandstone)	HDAE-MC-Peshawar	Pakistan	CT	
Munirite	1982-038	1983	Butt K.A., Mahmood K.	Min. Mag. (1983), 47, 391-392	Pakistan - Azad Kashmir - Bhimber area (on outcrops of the Siwalik sandstone)	NHM-London	United Kingdom	T	BM 1983.196
Muonionalustaite	2020-010		Holstam D., Bindi L., Karlsson A., Söderhielm J., Zetterqvist A.	Newsletter 56 in Eur. J. Min. (2020), 32, 443-448	Sweden - Sweden - Swedish Lapland - Norrbotten - Kikiöjärvi (1.5 km NE of the lake) - Pajala - Muonionalusta iron meteorite (N67°50'25", E23°11'00')	SMNH-Stockholm	Sweden	T	GEO-NRM nos. 20050144, 20050145
Murakamiite	2016-066	2017	Imaoka T., Nagashima M., Kano T., Kimura J.-I., Chang Q., Fukuda C.	Eur. J. Min. (2017), 29, 1045-1053	Japan - Ehime Prefecture - Iwagi Islet (N34.263°, E133.161°)	NSM-Tsukuba	Japan	HT	NSM M44916
Murakamiite	2016-066	2017	Imaoka T., Nagashima M., Kano T., Kimura J.-I., Chang Q., Fukuda C.	Eur. J. Min. (2017), 29, 1045-1053	Japan - Ehime Prefecture - Iwagi Islet (N34.263°, E133.161°)	YU-Yamaguchi	Japan	CT	95235G
Murashkoite	2012-071	2018	Brilvin S.N., Vapnik Y., Polekhovskiy Y.S., Krivovichev S.V., Krizhizhanovskaya M.G., Gorelova L.A., Vereshchagin O.S., Shilovskikh V.V., Zaitsev A.N.	Mineralogy and Petrology (2018), 113/2, 237-248	Israel - Negev Desert - Hatrurim formation - Halamish wadi (N31°09'47", E35°17'57")	MM-St. Petersburg	Russia	HT	MGS 2211/1
Murataite-(Y)	1972-007	1974	Adams J.W., Botinelly T., Sharp W.N., Robinson K.	Amer. Min. (1974), 59, 172-176	USA - Colorado - El Paso County - St. Peters Dome area	NMNH-Washington	USA	T	133319/21
Murchisite	2010-003	2011	Ma Chi, Beckett J.R., Rossman G.R.	Amer. Min. (2011), 96, 1905-1908	Meteorite-Australia - Victoria - Murchison meteorite (CM2) - Murchison (near)	NMNH-Washington	USA	T	USNM 7507

Murdochite		1955	Fahey J.J.	Amer. Min. (1955), 40, 905-906	USA - Arizona - Pinal County - Mammoth District - Tiger - St. Anthony deposit - Mammoth-Saint Anthony Mine				
Murmanite	2016 s.p.	1930	Gutkova N.	Doklady Akademii Nauk SSSR (1930), 27, 731-736	Russia - Kola Peninsula - Lovozero Massif - Chinglusuai River Valley	FMM-Moscow	Russia	T	25852-54, 25862-63
Murunskite	1980-064	1981	Dobrovol'skaya M.G., Tsepina A.I., Evstigneeva T.L., Vylasov L.N., Zaozerina O.N.	ZVMO (1981), 110, 468-473	Russia - Yakutiya-SW - Aldan Shield - Murun alkali massif - Vislonovka	FMM-Moscow	Russia	T	81604
Muscovite	1998 s.p.	1850	Dana J.D.	A System of Mineralogy, 3rd ed. Putnam, New York (1850), 356-358	Unknown!				
Museumite	2003-039	2004	Bindi L., Cipriani C.	Eur. J. Min. (2004), 16, 835-838	Romania - Metaliferi Mountains - Sacarimb deposit	MMUFI-Firenze	Italy	T	899/G
Mushistonite	1982-068	1984	Marshukova N.K., Pavlovskii A.B., Sidorenko G.A.	ZVMO (1984), 113, 612-617	Tajikistan - Pendzhikent (35 km S of) - Kaznok Valley - Mushiston deposit (Sn-ore deposit)	FMM-Moscow	Russia	T	81069
Mushistonite	1982-068	1984	Marshukova N.K., Pavlovskii A.B., Sidorenko G.A.	ZVMO (1984), 113, 612-617	Tajikistan - Pendzhikent (35 km S of) - Kaznok Valley - Mushiston deposit (Sn-ore deposit)	MM-St. Petersburg	Russia	T	1999/1
Muskoxite	1967-043	1969	Jambor J.L.	Amer. Min. (1969), 54, 684-696	Canada - Northwest Territories - Coppermine River area - Muskox Intrusion	ROM-Toronto	Canada	CT	M36526
Muthmannite		1911	Zambonini F.	Zeitschrift für Kristallographie (1911), 49, 246-249	Romania - Hunedoara County - Deva - Sacaramb	MMUMA-Napoli		T	
Mutinaite	1996-025	1997	Galli E., Vezzalini G., Quartieri S., Alberti A., Franzini M.	Zeolites (1997), 19, 318-322	Antarctica - Northern Victoria Land - Mt. Adamson (57°56'21" N, 142°57'30" E)	MSNU-Pisa	Italy	HT	15520
Mutnovskite	2004-032	2006	Zelenski M., Balic-Zunic T., Bindi L., Garavelli A., Makovicky E., Pinto D., Vurro F.	Amer. Min. (2006), 91, 21-28	Russia - Kamchatka Peninsula - Mutnovsky volcano (N52.35°, E158.27°)	MMUBa-Bari (C.L. Garavelli)	Italy	T	7/nm
Mutnovskite	2004-032	2006	Zelenski M., Balic-Zunic T., Bindi L., Garavelli A., Makovicky E., Pinto D., Vurro F.	Amer. Min. (2006), 91, 21-28	Russia - Kamchatka Peninsula - Mutnovsky volcano (N52.35°, E158.27°)	MMUBa-Bari	Italy		