

Species Name	IMA Ref	Date	Naming Publication Authors	Naming Publication Reference	Type Locality	Type Specimen Repository (Claimed)	Country	Type	Catalogue Entry(s)
O'danielite	1979-040	1981	Keller P., Hess H., Dunn P.J., Newbury D.	Neues Jahrbuch für Mineralogie Monatshefte (1981), 155-160	Namibia - Otavi - Tsumeb	IMKU-Stuttgart	Germany	HT	NM 09
O'danielite	1979-040	1981	Keller P., Hess H., Dunn P.J., Newbury D.	Neues Jahrbuch für Mineralogie Monatshefte (1981), 155-160	Namibia - Otavi - Tsumeb	NMNH-Washington	USA	MT	145966
O'danielite	1979-040	1981	Keller P., Hess H., Dunn P.J., Newbury D.	Neues Jahrbuch für Mineralogie Monatshefte (1981), 155-160	Namibia - Tsumeb - Tsumeb mine	Archiv der Universität Stuttgart-Stuttgart (Mineralogisches Sammlung Prof. Keller)	Germany	HT	TM-79.40-8701.13
Oberhürte	2017-072		McDonald A.M., Kjarsgaard I.M., Ross K.C., Ames D.E., Cabri L.J., Good D.J.	Newsletter 40 in Min. Mag. (2017), 81/6, 1577-1581	Canada - Ontario - Coldwell Complex - Marathon deposit (N48°48'07", W86°18'35")	CMN-Ottawa (Gatineau)	Canada	T	87251
Obrodovcicite-KCu	1978-061	1986	Finney J.J., Williams S.A., Hamilton R.D.	Min. Mag. (1986), 50, 283-284	Chile - Antofagasta - Chuquicamata	NMNH-Washington	USA	T	164185
Obrodovcicite-NaCu	2011-079	2012	Kampf A.R., Mills S.J., Dini M., Birch W.D., Spratt J., Pluth J.J., Steele I.M., Jenkins R.A., Finch W.W.	Min. Mag. (2012), 76/5, 1175-1207	Chile - Antofagasta - Chuquicamata mine	Colorado School of Mines Geology Museum-Golden	USA	T	86.496
Obrodovcicite-NaNa	2011-046	2012	Kampf A.R., Mills S.J., Birch W.D., Dini M.	Min. Mag. (2012), 76/5, 1175-1207	Chile - Antofagasta - Chuquicamata mine	LACMNH-Los Angeles	USA	T	63313, 63314
Odigitalite	2015-028	2017	Agakhanov A.A., Pautov L.A., Sokolova E., Hawthorne F.C., Karpenko V.Y., Sidra O.J., Muftakhov V.A.	Min. Mag. (2017), 81/1, 113-122	Tajikistan - upper reaches of Darai-Pioz river - Darai-Pioz alkaline massif - moraine adjacent (N39°27', E70°43')	FMM-Moscow	Russia	HT	N 4706/1
Odikhinchaite	2020-064	2020	Gritsenko Y.D., Chukanov N.V., Aksenov S.M., Pekov I.V., Varlamov D.A., Pautov L.A., Vozchikova S.A., Ksenofontov D.A., Britvin S.N.	Minerals (2020), 10, 1062	Russia - Siberia - Krasnoyarsk Krai - Taimyr Peninsula - Koluy River basin - Maimecha-Koluy alkaline province - Odikhincha intrusion (N70°53', E101°16')	FMM-Moscow	Russia	T	5587/1, 5588/1
Odinite-1M	1988-015	1988	Bailey S.W.	Clay Min. (1988), 23, 237-247	New Caledonia - Noumea - Pacific Ocean - (large lagoon north of Noumea)	ENSM-Paris	France	T	51307
Odinite-1M	1988-015	1988	Bailey S.W.	Clay Min. (1988), 23, 237-247	New Caledonia - Noumea - Pacific Ocean - (large lagoon north of Noumea)	MHN-Paris	France	HT	187.7
Odinite-1M	1988-015	1988	Bailey S.W.	Clay Min. (1988), 23, 237-247	New Caledonia - Noumea - Pacific Ocean - (large lagoon north of Noumea)	NMNH-Washington	USA	T	165498
Odinite-1M	1988-015	1988	Bailey S.W.	Clay Min. (1988), 23, 237-247	New Caledonia - Noumea - Pacific Ocean - (large lagoon north of Noumea)	NHM-London	United Kingdom	T	BM1987 531
Odintsovite	1994-052	1995	Konev A.A., Vorob'ev E.I., Sapozhnikov A.N., Piskunov L.F., Ushchapovskaya Z.F.	ZVMO (1995), 124/5, 92-96	Russia - Prebaikalia - Irkutskaya Oblast' - Murun Complex - Maly Murun alkaline massif	FMM-Moscow	Russia	T	p1496/1
Odintsovite	1994-052	1995	Konev A.A., Vorob'ev E.I., Sapozhnikov A.N., Piskunov L.F., Ushchapovskaya Z.F.	ZVMO (1995), 124/5, 92-96	Russia - Prebaikalia - Irkutskaya Oblast' - Murun Complex - Maly Murun alkaline massif	MM-St. Petersburg	Russia	T	2081/1
Oenite	1995-007	1998	Dobbe R.T.M., Zakrzewski M.A.	Can. Min. (1998), 36, 855-860	Sweden - Bergslagen Province - Tunaberg (N58°39', E16°55')	IESFU-Amsterdam	Netherlands	T	
Offretite	1997 s.p.	1890	Gonnard F.	Comptes Rendus Académie des Sciences de Paris (1890), 111, 1002-1003	France - Rhône-Alpes - Loire dép. - Montbrison (near) - Mt-Simouise	MHN-Paris	France	T	91.112, 95.135
Offretite	1997 s.p.	1890	Gonnard F.	Comptes Rendus Académie des Sciences de Paris (1890), 111, 1002-1003	France - Rhône-Alpes - Loire dép. - Montbrison (near) - Mt-Simouise	MHN-Paris	France	T	24633, 24634, 50920
Offedalite	2003-045a	2006	Cooper M.A., Hawthorne F.C., Ball N.A., Cerny P.	Can. Min. (2006), 44, 943-949	Norway - Telemark County - Tordal (near) - Heftefjell pegmatite (E8°45', N59°11')	CMN-Ottawa	Canada	T	H04/98
Offedalite	2003-045a	2006	Cooper M.A., Hawthorne F.C., Ball N.A., Cerny P.	Can. Min. (2006), 44, 943-949	Norway - Telemark County - Tordal (near) - Heftefjell pegmatite (E8°45', N59°11')	Joanneum-Graz	Austria	T	
Ogdensburgite	1980-054	1981	Dunn P.J.	Mineralogical Record (1981), 12, 369-370	USA - New Jersey - Sussex County - Ogdensburg - Sterling Hill mine (340' level, 960 stope)	NMNH-Washington	USA	HT	146880
Ognite	2018-006a	2019	Barkov A.Y., Bindl L., Tamura N., Shvedov G.I., Winkler B., Stan C.V., Morgenroth W., Martin R.F., Zaccarini F., Stanley C.J.	Min. Mag. (2019), 83, 695-703	Russia - Eastern Sayans - Irkutskaya Oblast' - southern margin of the Siberian Craton - Ognit complex (or Medek) (adunit-wehrlite complex)	MMUFI-Firenze (Via La Pira)	Italy	T	3292/1
Ohmilitite	1974-031	1973	Komatsu M., Chihara K., Mizota T.	Min. Journ. Japan (1973), 7, 298-301	Japan - Honshu - Niigata Pref. - Ohmi (in riebeckite-albite units of serpentinite)	NU-Niigata	Japan	T	
Ojuelaitite	1979-035	1981	Cesbron F., Romero M., Williams S.A.	Bulletin de Minéralogie (1981), 104, 582-586	Mexico - Durango - Municipio de Magimi - Maqimi - La Ojuela mine	ENSM-Paris	France	CT	54643
Ojuelaitite	1979-035	1981	Cesbron F., Romero M., Williams S.A.	Bulletin de Minéralogie (1981), 104, 582-586	Mexico - Durango - Municipio de Magimi - Maqimi - La Ojuela mine	NMNH-Washington	USA	HT	145679
Okanoganite-(Y)	1987 s.p.	1980	Boggs R.C.	Amer. Min. (1980), 65, 1138-1142	USA - Washington - Okanogan County - Washington Pass (Golden Horn batholite)	NMNH-Washington	USA	CT	142512/4
Okayamaitite	1997-002	1998	Matsubara S., Miyawaki R., Kato A., Yokoyama K.	Min. Mag. (1998), 62, 703-706	Japan - Okayama Pref. - Bichu township - Fuka limestone mine	NSM-Tokyo	Japan	T	M-27525
Okenite		1828	von Kobell F.	Archiv für die Gesamte Naturlehre (1828), 14, 333-337	Denmark - Greenland - Qaasuitsup - Qeqertarsuaq Island (Disko Island) - Qutdllassat				
Okhotskite	1985-010a	1987	Togari K., Akasaka M.	Min. Mag. (1987), 51, 611-614	Japan - Hokkaido - Tokoro district - Kokuriki mine				
Okhotskite-(Mn2+)	1985-010a	1987	Togari K., Akasaka M.	Min. Mag. (1987), 51, 611-614	Japan - Hokkaido - Sea of Okhotsk Hiyoshi (20 km N of Kitami) - Kokuriki mine (N43°55', E143°50')	HU-Sapporo	Japan	T	
Okieite	2018-080	2020	Kampf A.R., Adams P.M., Nash B.P., Marty J., Hughes J.M.	Can. Min. (2020), 58, 125-135	USA - Colorado - San Miguel County - Slick Rock District - Burro Mine (N38.04507°, W108.88972°)	LACMNH-Los Angeles	USA	CT	66784, 66785
Okieite	2018-080	2020	Kampf A.R., Adams P.M., Nash B.P., Marty J., Hughes J.M.	Can. Min. (2020), 58, 125-135	USA - Colorado - Montrose County - Paradox Valley - Hummer mine (N38.22556°, W108.75028°)	LACMNH-Los Angeles	USA	CT	66786
Okuschite	2013-097	2014	Chukanov N.V., Möhn G., Pekov I.V., Belakovskiy D.J., Bychkova Y.V., Gurchiy V.V., Lorenz J.A.	Eur. J. Min. (2014), 26, 589-595	Germany - Bavaria - Spessart Mountains - Sailauf (near) - Fucks quarry	FMM-Moscow	Russia	T	94233
Oldhamite		1870	Maskelyne N.S.	Philosophical Transactions of the Royal Society (1870), 18, 146-157	Meteorite-India - Uttar Pradesh - Basti District - Gorakhpur - Bustee meteorite	NHM-London	United Kingdom	T	32100

<b>Olekminskite</b>	1989-047	1991	Koneev A.A., Vorobyev E.I., Piskunova L.F., Uchchalobskaya Z.F., Takhonova G.A.	ZVMO (1991), 120/3, 89-96	Russia - Siberia - SW Yakutia - Murun alkaline complex (5 km SW of) - Kedrovki alkaline massif	FMM-Moscow	Russia	T	p461/1
<b>Olekminskite</b>	1989-047	1991	Koneev A.A., Vorobyev E.I., Piskunova L.F., Uchchalobskaya Z.F., Takhonova G.A.	ZVMO (1991), 120/3, 89-96	Russia - Siberia - SW Yakutia - Murun alkaline complex (5 km SW of) - Kedrovki alkaline massif	MM-St. Petersburg	Russia	T	2071/1
<b>Olenite</b>	1985-006	1986	Sokolov P.B., Gorskaya M.G., Gordienko V.V., Petrova M.G., Kretser Yu.L., Frank-Kamenitskii V.A.	ZVMO (1986), 115, 119-123	Russia - Kola Peninsula - Varonya Tundra - Oleny ridge	FMM-Moscow	Russia	T	87568
<b>Olenite</b>	1985-006	1986	Sokolov P.B., Gorskaya M.G., Gordienko V.V., Petrova M.G., Kretser Yu.L., Frank-Kamenitskii V.A.	ZVMO (1986), 115, 119-123	Russia - Kola Peninsula - Varonya Tundra - Oleny ridge	MM-St. Petersburg	Russia	T	
<b>Olenite</b>	1985-006	1986	Sokolov P.B., Gorskaya M.G., Gordienko V.V., Petrova M.G., Kretser Yu.L., Frank-Kamenitskii V.A.	ZVMO (1986), 115, 119-123	Russia - Kola Peninsula - Varonya Tundra - Oleny ridge	MM-St. Petersburg	Russia	T	580-8/1
<b>Oligite</b>	1979-027	1980	Khomyakov A.P., Semenov E.I., Shymyatskaya S.G., Timoshenkov L.M., Lapuntina I.P., Smolyaninova N.N.	ZVMO (1980), 109, 347-351	Russia - Kola Peninsula - Lovozero massif - Karnasurf Mt.	FMM-Moscow	Russia	HT	80179
<b>Olivinite</b>		1820	Jameson R.	A System of Mineralogy, Vol. 2. Archibald Constable, Edinburgh (1820), 331-346	United Kingdom - England - Cornwall - Gwennap CP - Carharack - Carharack Mine	No data on the type!			
<b>Olkhonskite</b>	1993-035	1984	Koneva A.A., Piskunova L.F., Ushchapovskaya Z.F., Konev A.A.	ZVMO (1994), 123, n4, 98-103	Russia - Irkutskaya Oblast - In thin layers of quartzite-schists of the Olkhon series on the western shore of Lake Baikal near Olkhon Island	FMM-Moscow	Russia	T	r1001
<b>Olimite</b>	2006-026	2007	Bonazzi P., Bindi L., Medenbach O., Pagano R., Lampronti G.J., Menchetti S.	Min. Mag. (2007), 71/2, 193-201	South Africa - Kalahari manganese fields - N'Chwaning II mine	MMUFI-Firenze	Italy	HT	2987/1
<b>Olimite</b>	2006-026	2007	Bonazzi P., Bindi L., Medenbach O., Pagano R., Lampronti G.J., Menchetti S.	Min. Mag. (2007), 71/2, 193-201	South Africa - Kalahari manganese fields - N'Chwaning II mine	MMUFI-Firenze	Italy	T	
<b>Olmsteadite</b>	1974-034	1976	Moore P.B., Araki T., Kampf A.R., Steele I.M.	Amer. Min. (1976), 61, 5-11	USA - South Dakota - Pennington County - Keystone (near) - Hesnard mine	NMNH-Washington	USA	T	135924
<b>Olsacherite</b>	1969-009	1969	Hurlbut C.S., Aristarain L.F.	Amer. Min. (1969), 54, 1519-1527	Bolivia - Potosi Dep. - Hiaco near Colaquechaca - Pacajake mine	HMM-Cambridge	USA	HT	110966
<b>Oshanskylite</b>	1968-025	1969	Bogomolov M.A., Nikifina I.B., Pertsev N.N.	Doklady Akademii Nauk SSSR (1969), 184, 1398-1401	Russia - Polar Yakutia - Tas-Khayakhokh Range - Titovskoye boron deposit	FMM-Moscow	Russia	T	71541-44
<b>Oshanskylite</b>	1968-025	1969	Bogomolov M.A., Nikifina I.B., Pertsev N.N.	Doklady Akademii Nauk SSSR (1969), 184, 1398-1401	Russia - Polar Yakutia - Tas-Khayakhokh Range - Titovskoye boron deposit	MM-St. Petersburg	Russia	T	1493/1
<b>Olympite</b>	1979-065	1980	Khomyakov A.P., Bykova A.V., Malinovskii Yu.A.	ZVMO (1980), 109/4, 476-479	Russia - Kola Peninsula - Khibiny massif - Rasvumchorr Mt.	FMM-Moscow	Russia	T	80180
<b>Olympite</b>	1979-065	1980	Khomyakov A.P., Bykova A.V., Malinovskii Yu.A.	ZVMO (1980), 109/4, 476-479	Russia - Kola Peninsula - Khibiny massif - Rasvumchorr Mt.	IMGRE-Moscow	Russia	T	
<b>Olympite</b>	1979-065	1980	Khomyakov A.P., Bykova A.V., Malinovskii Yu.A.	ZVMO (1980), 109/4, 476-479	Russia - Kola Peninsula - Khibiny massif - Rasvumchorr Mt.	GIB-Apatity	Russia	T	5533
<b>Olympite</b>	1979-065	1980	Khomyakov A.P., Bykova A.V., Malinovskii Yu.A.	ZVMO (1980), 109/4, 476-479	Russia - Kola Peninsula - Khibiny massif - Rasvumchorr Mt.	MM-St. Petersburg	Russia	T	1208/1
<b>Omarinite</b>	2016-050	2017	Bindi L., Putz H., Paar W.H., Stanley C.J.	Min. Mag. (2017), 81/5, 1151-1159	Argentina - La Rioja - Farallon Negro Complex - Capillitas mining	GSC-Ottawa	Canada	HT	68096
<b>Omarinite</b>	2016-050	2017	Bindi L., Putz H., Paar W.H., Stanley C.J.	Min. Mag. (2017), 81/5, 1151-1159	Argentina - Capillitas	MMUFI-Firenze	Italy	CT	
<b>Omarinite</b>	2016-050	2017	Bindi L., Putz H., Paar W.H., Stanley C.J.	Min. Mag. (2017), 81/5, 1151-1159	Argentina - Capillitas	NHM-London	United Kingdom	CT	
<b>Omeite</b>	1985-xxx (8)	1978	Ren Yingxin, Hu Qinde, Xu Jingao	Acta Geologica Sinica (1978), 52, 163-167	China - Szechwan (Sichuan) Province - Leshan Prefecture - Emeishan County - Omei Mountain (near) - Copper-nickel sulfide deposit (N29°31'59", E103°21'00")	NMG-Beijing	China	T	M10283
<b>Omineite</b>	1999-025	2001	Hiroi Y., Grew E.S., Motoyoshi Y., Peacor D.R., Rouse R.C., Matsubara S., Yokoyama K., Miyawaki R., McGee J.J., Shu-Chun Su, Hokada T., Furukawa N., Shibasaki H.	Amer. Min. (2001), 87, 160-170	Japan - Nara Prefecture - Yoshino-Misen River - Miseno pluton, Omine acid rocks (N 34°12'40", E135°53'40")	CU-Chiba	Japan	T	
<b>Omineite</b>	1999-025	2001	Hiroi Y., Grew E.S., Motoyoshi Y., Peacor D.R., Rouse R.C., Matsubara S., Yokoyama K., Miyawaki R., McGee J.J., Shu-Chun Su, Hokada T., Furukawa N., Shibasaki H.	Amer. Min. (2001), 87, 160-170	Japan - Nara Prefecture - Yoshino-Misen River - Miseno pluton, Omine acid rocks (N 34°12'40", E135°53'40")	NSM-Tokyo	Japan	T	
<b>Omongwaite</b>	2003-054b	2008	Mees F., Haterf F., Rowe R.	Min. Mag. (2008), 72, 1307-1318	Namibia - southwestern Kalahari - Gobabis (140 km SSE) - Aminuis (near) - Omonawa pan (S23°41')	Staatliches Museum für Naturkunde-Stuttgart	Germany	T	
<b>Omongwaite</b>	2003-054b	2008	Mees F., Haterf F., Rowe R.	Min. Mag. (2008), 72, 1307-1318	Namibia - southwestern Kalahari - Gobabis (140 km SSE) - Aminuis (near) - Omonawa pan (S23°41')	ULG-Liège	Belgium	T	20355
<b>Omongwaite</b>	2003-054b	2008	Mees F., Haterf F., Rowe R.	Min. Mag. (2008), 72, 1307-1318	Namibia - southwestern Kalahari - Gobabis (140 km SSE) - Aminuis (near) - Omonawa pan (S23°41')	MRAC-Tervuren	Belgium	HT	15.908
<b>Omphacite</b>	1988 s.p.	1815	Werner A.G.	Handbuch der Mineralogie, Vol. 2. Craz und Gerlach, Freiberg (1815), 2, 302	Germany - Bavaria - Silberbach (SE of) - former quarry	TU-BA-Freiberg	Germany	T (?)	100568
<b>Omsite</b>	2012-025	2012	Mills S.J., Kampf A.R., Housley R.M., Favreau G., Pasero M., Biagioni C., Merlini S., Berbain C., Orlandi P.	Min. Mag. (2012), 76/5, 1347-1354	France - Pyrénées-Orientales Department - Oms (near) - Correc d'en Llinassos (N42°32'16", E02°42'26")	LACMNH-Los Angeles	USA	CT	63428, 63429
<b>Omsite</b>	2012-025	2012	Mills S.J., Kampf A.R., Housley R.M., Favreau G., Pasero M., Biagioni C., Merlini S., Berbain C., Orlandi P.	Min. Mag. (2012), 76/5, 1347-1354	France - Pyrénées-Orientales Department - Oms (near) - Correc d'en Llinassos (N42°32'16", E02°42'26")	MOV-Melbourne	Australia	CT	M51584

<b>Ondrusite</b>	2008-010	2011	Sejkora J., Plasil J., Veselovsky F., Cisarova I., Housek J.	Can. Min. (2011), 49, 885-897	Czech Republic - Jachymov ore district - Svornost mine (Geschieber vein) and Rovnost mine (Geister)	NMCR-Praha	Czech Republic	HT	P1P 1/2008
<b>O'Neillite</b>	1998-064	1999	Johnsen O., Grice J.D., Gaulf R.A.	Can. Min. (1999), 37, 1295-1301	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	CMN-Ottawa	Canada	HT	CMNMC 81565
<b>Onoratoite</b>	1967-032	1968	Belluomini G., Fornaseri M., Nicoletti M.	Min. Mag. (1968), 36, 1037-1044	Italy - Toscana - Siena - Siena (ca. 20 km SW of), Rosia (near) - Le Cetine mine	MMURo-Roma	Italy	T	24308
<b>Oosterboschite</b>	1970-016	1970	Johan Z., Picot P., Pierrot R., Verbeek T.	Bulletin de la Société Française de Minéralogie et de Cristallographie (1970), 93, 476-481	Zaire - Shaba - Kolwezi - Musonoi open pit	ENSM-Paris	France	HT	50922
<b>Opal</b>		[?]	[?]	Original paper [?]	Unknown !				
<b>Ophirite</b>	2013-017	2014	Kampf A.R., Hughes J.M., Nash B.P., Wright S.E., Rossman G.R., Marty J.	Amer. Min. (2014), 99, 1045-1051	USA - Utah - Tooele County - Oquirrh Mountains - Ophir district - Ophir Hill Consolidated mine	LACMNH-Los Angeles	USA	CT	64029, 64030
<b>Oppenheimerite</b>	2014-073	2015	Kampf A.R., Plasil J., Kasatkina A.V., Marty J., Cejka J.	Min. Mag. (2015), 79/5, 1123-1142	USA - Utah - White Canyon district - San Juan County - Blue Lizard mine (N37°33'26", W110°17'44")	LACMNH-Los Angeles	USA	CT	65549, 65550, 65551
<b>Oppenheimerite</b>	2014-073	2015	Kampf A.R., Plasil J., Kasatkina A.V., Marty J., Cejka J.	Min. Mag. (2015), 79/5, 1123-1142	USA - Utah - White Canyon district - San Juan County - Blue Lizard mine (N37°33'26", W110°17'44")	FMM-Moscow	Russia	CT	94622
<b>Orcelite</b>	1962 s.p.	1959	Caillière S., Avias J., Falgouirettes J.	Comptes Rendus Académie des Sciences de Paris (1959), 249, 1771-1773	New Caledonia - Tiebaghi serpentinite massif	ENSM-Paris	France	CT	50921
<b>Orcelite</b>	1962 s.p.	1959	Caillière S., Avias J., Falgouirettes J.	Comptes Rendus Académie des Sciences de Paris (1959), 249, 1771-1773	New Caledonia - Tiebaghi serpentinite massif	MHN-Paris	France	CT	160.45
<b>Ordenezite</b>		1953	Switzer G., Fashag W.F.	Progr. and Abstr. Min. Soc. Amer. (1953), p. 40	Mexico - Guanajuato - Municipio de Santa Catarina - Santa Catarina, Cerro de las Fajas -	HMM-Cambridge	USA	T	110282
<b>Ordenezite</b>		1953	Switzer G., Fashag W.F.	Progr. and Abstr. Min. Soc. Amer. (1953), p. 40	Mexico - Guanajuato - Municipio de Santa Catarina - Santa Catarina, Cerro de las Fajas -	NHM-London	United Kingdom	HT	BM 1965.208
<b>Ordenezite</b>		1953	Switzer G., Fashag W.F.	Progr. and Abstr. Min. Soc. Amer. (1953), p. 40	Mexico - Guanajuato - Municipio de Santa Catarina - Santa Catarina, Cerro de las Fajas -	NMNH-Washington	USA	HT	R9127
<b>Örebroite</b>	1985-039	1986	Dunn P.J., Peacor D.R., Erd R.C., Ramik R.A.	Amer. Min. (1986), 71, 1522-1526	Sweden - Örebro - Grythyttan - Hällefors - Sjögruvan	NMNH-Washington	USA	HT	163008
<b>Oregonite</b>	1962 s.p.	1959	Ramdohr V.P., Schmitt M.	Neues Jahrbuch für Mineralogie Monatshefte (1959), 239-247	USA - Oregon - Josephine County - Josephine Creek District (placers)				
<b>Oreillyite</b>	2020-030a	2020	Bindi L., Camara F., Gain S.E.M., Griffin W.L., Jin-Xiang Huang, Saunders M., Toledo V.	Newsletter 58 in Eur. J. Min. (2020), 32, 645-651	Israel - Haifa district - Mt Carmel - Kishon River - Kishon Mid Reach Zone 1	Centre for Microscopy, Characterisation and Analysis, The University of Western Australia-Perth	Australia	HT	1174-C_FF
<b>Oreillyite</b>	2020-030a	2020	Bindi L., Camara F., Gain S.E.M., Griffin W.L., Jin-Xiang Huang, Saunders M., Toledo V.	Newsletter 58 in Eur. J. Min. (2020), 32, 645-651	Israel - Haifa district - Mt Carmel - Kishon River - Kishon Mid Reach Zone 1	MMUF-Firenze (Via La Pira)	Italy	HT	3364/1
<b>Organovaitite-Mn</b>	2000-031	2010	Chukanov N.V., Pekov I.V., Zadov A.E., Krivovichev S.V., Berns P.C., Schneider Yu	ZVMO (2001), 130/2, 46-53	Russia - Kola Peninsula - Lovozero massif - Kamasurt and Flora Mts.	FMM-Moscow	Russia	T	2589/2
<b>Organovaitite-Zn</b>	2001-006	2002	Pekov I.V., Chukanov N.V., Zadov A.E., Krivovichev S.V., Azarova Yu.V., Burns P.C., Schneider J.	ZVMO (2002), 131/1, 29-34	Russia - Kola Peninsula - Lovozero massif - Kamasurt Mt.	FMM-Moscow	Russia	T	2589/1
<b>Orickite</b>	1978-059	1983	Erd R.C., Czamanske G.K.	Amer. Min. (1983), 68, 245-254	USA - California - Humboldt County - Orick (16 mi SW of) - Coyote Peak diatreme	NMNH-Washington	USA	T	150336
<b>Orientite</b>		1921	Hewett D.F., Shannon E.V.	Amer. J. Sci., ser. 5 (1921), 1, 491-506	Cuba - Oriente Province - (in the Mn-ores)	NHM-London	United Kingdom	T	BM 1923.1029
<b>Orientite</b>		1921	Hewett D.F., Shannon E.V.	Amer. J. Sci., ser. 5 (1921), 1, 491-506	Cuba - Oriente Province - (in the Mn-ores)	NMNH-Washington	USA	T	93819
<b>Orishchinite</b>	2019-039		Brilvin S.N., Murazhko M.N., Vapnik Y., Zaitsev A.N., Shilovskikh V.V., Vasilev E.A., Krzhizhanovskaya M.G., Vlasenko N.S.	Newsletter 51 in Min. Mag. (2019), 83/5, 757-761	Jordan - Transjordan Plateau - Daba-Siwaga metamorphic complex (N31°21'52", E36°10'55")	FMM-Moscow	Russia	T	5408/1
<b>Orlandite</b>	1998-038	1999	Compostini I., Gramaccioli C.M., Demartin F.	Can. Min. (1999), 37, 1493-1498	Italy - Sardinia - Villaputzu (near) - Baccu Locci mine	MMUM-Milano	Italy	HT	
<b>Orlovite</b>	2009-006	2011	Agakhanov A.A., Pautov L.A., Karpenko V.Y., Bekeanova G.K., Uvarova Y.A.	New Data on Minerals (2011), 46, 13-19	Tajikistan - Tien Shan Mts - Alai Range - Darai-Pioz glacier	FM-Moscow	Russia	T	3824/1
<b>Orymanite</b>	1988-029	1990	Peacor D.R., Dunn P.J., Nelen J.A.	Amer. Min. (1990), 75, 923-927	South Africa - Northern Cape Province - Kuruman District - Kalahari Manganese Field -	NMNH-Washington	USA	HT	166368
<b>Orpiment</b>		[?]	[?]	Original paper [?]	Unknown !				
<b>Orschallite</b>	1990-041	1993	Weidenhaller C., Tillmanns E., Hentschel G.	Mineralogy and Petrology (1993), 48, 168-177	Germany - Rheinland-Pfalz - Eifel - Laacher lake volcano area, Hannebach (1 km ENE of) - Hannebacher Ley	IMK-Wien	Austria	HT	
<b>Orthobrannerite</b>	1982 s.p.	1978	Zhang Jingyi, Peng Zhizhong	Acta Geologica Sinica (1978), 52/3, 241-251	China - Yunnan Province - Baoshan Prefecture - Dengzhong (Tengchong) County - Tengchong uranium deposit (Biotite-pyroxene)	UGRI-Peking	China	T	
<b>Orthoclase</b>	1962 s.p.	1823	Breithaupt J.F.A.	Vollständige Charakteristik des Mineral-Systems, Arnoldische, Dresden (1823), 271-275	Unknown !				
<b>Orthocuproplatinum</b>	2018-124	2019	Cabral A.R., Skala R., Vymazalova A., Maixner J., Stanley C.J., Lehmann B., Jedwab J.	Mineralogy and Petrology (2019), 113, 527-532	Democratic Republic of the Congo - North Kivu - Lubero region	Geosammlung, Technische Universität Clausthal-Clausthal-Zellerfeld	Germany	HT	11331
<b>Orthojoaquinite-(Ce)</b>	1979-081b	1982	Wise W.S.	Amer. Min. (1982), 67, 809-816	USA - California - San Benito County - Santa Rita Peak (1 mi S of), San Benito River (head waters of the) - Benitoite Gem mine	UC-Santa Barbara	USA	HT	
<b>Orthojoaquinite-(La)</b>	2000 s.p.	1967	Semenov E.I., Bukin V.I., Bolashov Y.A., Sorensen H.	Amer. Min. (1967), 52, 1762-1769	Denmark - South Greenland - Ilímaussaq alkaline massif				
<b>Orthominasragrite</b>	2000-018	2001	Hawthorne F.C., Schindler M., Grice J.D., Haynes P.	Can. Min. (2001), 39, 1325-1331	USA - Utah - Emery County - Temple Mountain - North Mesa mine group	CMN-Ottawa	Canada	HT	CMNMC 83269
<b>Orthominasragrite</b>	2000-018	2001	Hawthorne F.C., Schindler M., Grice J.D., Haynes P.	Can. Min. (2001), 39, 1325-1331	USA - Utah - Emery County - Temple Mountain - North Mesa mine group	GSC-Ottawa	Canada	HT	

<b>Orthopinakolite</b>	1962 s.p.	1961	Randmeis R.	Arkiv för Mineralogi och Geologi (1961), 2, 551-555	Sweden - Värmland - Filipstad - Filipstad - Langban	SMNH-Stockholm	Sweden	T	420106
<b>Orthoserpierite</b>	1983-022a	1985	Sarp H.	Schweizerische Mineralogische Petrographische Mitteilungen (1985), 65, 1-7	France - Rhône-Alpes - Rhône dépt. - Lyon (near) - Chessy, old Cu-mine	MHN-Genève	Switzerland	HT	477.069
<b>Orthowalpurite</b>	1994-024	1995	Krause W., Effenberger H., Brandstätter F.	Eur. J. Min. (1995), 7, 1313-1324	Germany - Baden-Württemberg - Black Forest - Wittichen (near) - Schmiedestollen, from the dump	RUB-Bochum	Germany	HT	
<b>Osakaite</b>	2006-049	2007	Ohnishi M., Kusachi I., Koyabashi S.	Can. Min. (2007), 45, 1511-1517	Japan - Osaka Prefecture - Minoo (Mino) City - Hirao mine (N34°50', E135°28')	NSM-Tokyo	Japan	HT	NSM-M28983
<b>Osarizawaite</b>	1987 s.p.	1961	Taguchi Y.	Min. Journ. Japan (1961), 3, 181-194	Japan - Honshu - Akita Pref. - Kazuno - Osarizawa mine	GCL-Perth	Australia	HT	MDC 3291
<b>Osarizawaite</b>	1987 s.p.	1961	Taguchi Y.	Min. Journ. Japan (1961), 3, 181-194	Japan - Honshu - Akita Pref. - Kazuno - Osarizawa mine	NSM-Tokyo	Japan	T	M-15598
<b>Osarsite</b>	1971-025	1972	Snetinger K.G.	Amer. Min. (1972), 57, 1029-1036	USA - California - Humboldt County - Orick (ca. 5 miles N of) - Gold Bluff (platinum placer sands from)	NMNH-Washington	USA	T	123218
<b>Osbornite</b>		1870	Maskelyne N.S.	Philosophical Transactions of the Royal Society (1870), 18, 146-157	Meteorite-India - Uttar Pradesh - Basti District - Gorakhpur - Bustee meteorite	NHM-London	United Kingdom	T	32100
<b>Oscarkempffite</b>	2011-029	2016	Topa D., Paar W.H., Makovicky E., Stanley C.J., Roberts A.C.	Min. Mag. (2016), 80/5, 809-817	Bolivia - Potosi Department - Chocaya Province - Animas mine - Colorado vein	NHM-Wien	Austria	HT	N 9593
<b>Oscarkempffite</b>	2011-029	2016	Topa D., Paar W.H., Makovicky E., Stanley C.J., Roberts A.C.	Min. Mag. (2016), 80/5, 809-817	Bolivia - Potosi Department - Chocaya Province - Animas mine - Colorado vein	NHM-London	United Kingdom	CT	BM 20.3
<b>Oskarssonite</b>	2012-088	2014	Jacobsen M.J., Balic-Zunic - T., Mitolo D., Katerinopoulou A., Garavelli A., Jakobsson S.P.	Min. Mag. (2014), 78/1, 215-222	Iceland - Heimaey - Eldfell volcano (N63°25'58.9", W20°14'50.3")	Icelandic Institut of Natural History-Gardabaer	Iceland	HT	NI 24489
<b>Oskarssonite</b>	2012-088	2014	Jacobsen M.J., Balic-Zunic - T., Mitolo D., Katerinopoulou A., Garavelli A., Jakobsson S.P.	Min. Mag. (2014), 78/1, 215-222	Iceland - Heimaey - Eldfell volcano (N63°25'58.9", W20°14'50.3")	Natural History Museum of Denmark-Copenhagen	Denmark	CT (8)	2012.112, 2012.113, 2012.114
<b>Osmium</b>	1991 s.p.	1804	Tennant S.	Philosophical Transactions of the Royal Society of London (1804), 329, 411-418	Indonesia - Borneo	ENSM-Paris	France	NT	12098
<b>Osumilite</b>		1953	Miyashiro A.	Proceedings of the Japan Academy (1953), 29, 321-323	Japan - Kyushu - Kagoshima Pref. - Kimoluki-gun, Tarumizumata, Hayasaki - Sakakibira (in volcanic rock)	HMM-Cambridge	USA	CT	104744
<b>Osumilite-(Mg)</b>	2011-083	1973	Chinner G.A., Dixon P.D.	Min. Mag. (1973), 39, 189-192	Great Britain - Northern Ireland - County Antrim - Tieveragh	NMNH-Washington	USA	HT/T	137452 and 128117
<b>Oswaldpeetersite</b>	2000-034	2001	Vochten R., Delliens M., Medenbach O.	Can. Min. (2001), 39, 1685-1689	USA - Utah - San Juan County - Brown's Rim - Jamac uranium mine	IRSNB-Brussels	Belgium	T	RC 5166
<b>Otavite</b>		1906	Schneider O.	Zentralblatt für Mineralogie, Geologie und Paläontologie (1906), 388	Namibia - Oshikoto Region - Tsumeb - Tsumeb Mine				
<b>Otjumeite</b>	1978-080	1981	Keller P., Hess H., Dunn P.J.	Neues Jahrbuch für Mineralogie Monatshefte (1981), 49-55	Namibia - Otavi - Tsumeb	IMKU-Stuttgart	Germany	HT	NM 06
<b>Otjumeite</b>	1978-080	1981	Keller P., Hess H., Dunn P.J.	Neues Jahrbuch für Mineralogie Monatshefte (1981), 49-55	Namibia - Otavi - Tsumeb	NMNH-Washington	USA	CT(?)	145746, 149053
<b>Otjumeite</b>	1978-080	1981	Keller P., Hess H., Dunn P.J.	Neues Jahrbuch für Mineralogie Monatshefte (1981), 49-55	Namibia - Tsumeb - Tsumeb mine	Archiv der Universität Stuttgart-Stuttgart (Mineralogisches Sammlung Prof. Keller)	Germany	HT	TM-78.80-11-(B76)
<b>Ottmannite</b>	1968 s.p.	1964	Moh G.H., Berndt F.	Neues Jahrbuch für Mineralogie Monatshefte (1964), 94-95 (without name)	Bolivia - Oruro Dep. - Huari - Serro de Potosi - Maria Teresa mine	NMNH-Washington	USA	T/T	114486 and C05354; both specimens with the type of
<b>Otfensite</b>	2006-014	2007	Sejkora J., Hysrl J.	Mineralogical Record (2007), 38, 77-81	China - Guizhou Province - Qinglong County - Qinglong district - Qinalong Sb deposit	NMCR-Praha	Czech Republic	HT	P1p 1/2006
<b>Othohahnite</b>	2015-098	2017	Kampf A.R., Plasil J., Kasatkin A., Marty J., Cejka J.	Min. Mag. (2017), 81/4, 753-779	USA - Utah - White Canyon district - San Juan County - Blue Lizard mine (N37°33'26", W110°17'44")	LACMNH-Los Angeles	USA	CT	65610, 65611, 65614, 65617
<b>Othohahnite</b>	2015-098	2017	Kampf A.R., Plasil J., Kasatkin A., Marty J., Cejka J.	Min. Mag. (2017), 81/4, 753-779	USA - Utah - White Canyon district - San Juan County - Blue Lizard mine (N37°33'26", W110°17'44")	FMM-Moscow	Russia	CT	4782/1
<b>Otoite</b>	2009-063	2010	Kampf A.R., Housley R.M., Mills S.J., Marty J., Thorne B.	Amer. Min. (2010), 95, 1329-1336	USA - California - San Bernardino County - Baker (near) - Otto Mountain - Aga mine (N35°16.606', W116°05.956')	LACMNH-Los Angeles	USA	CT	62511, 62512, 62528, 62529, 62530
<b>Otréite</b>		1842	Damour A., Des Cloizeaux A.	Annales des Mines, Sér. 4 (1842), 2, 357-361	Belgium - Luxembourg province - Vielsalm (near) - Otré	MHN-Paris	France	T	104.479
<b>Otwayite</b>	1974-028	1977	Nickel E.H., Robinson B.W., Davis C.E.S., MacDonald R.D.	Amer. Min. (1977), 62, 999-1002	Australia - Western Australia (NW) - Pilbara region - Nullagine district - Otway Ni-deposit (S21°39')	NMNH-Washington	USA	T	142804
<b>Otwayite</b>	1974-028	1977	Nickel E.H., Robinson B.W., Davis C.E.S., MacDonald R.D.	Amer. Min. (1977), 62, 999-1002	Australia - Western Australia (NW) - Pilbara region - Nullagine district - Otway Ni-deposit (S21°39')	WAM-Perth	Australia	HT/CT	M60.1991
<b>Oulankaite</b>	1990-055	1996	Barkov A.Y., Men'shikov Y.P., Begizov V.D., Lednew A.I.	Eur. J. Min. (1996), 8, 311-316	Russia - Northern Karelia - Oulanka complex - Lukkulaivaara intrusion	FMM-Moscow	Russia	T	
<b>Ouraite</b>	1974-007	1977	Karup-Møller S.	Bull. Geol. Soc. Denmark (1977), 26, 41-68	USA - Colorado - San Juan County - Pouchkeepsie Gulch	ROM-Toronto	Canada	T	M4100
<b>Oursinite</b>	1982-051	1983	Deliens M., Piret P.	Bulletin de Minéralogie (1983), 106, 305-308	Zaire - Shaba - Likasi - Shinkolobwe uranium mine	MRAC-KMMA-Tervuren	Belgium	HT	RGM 1.321
<b>Ovamboite</b>	1992-039	2003	Spiridonov E.M.	Doklady Earth Sciences (2003), 393A, 1329-1332	Namibia - Ovamboland region - Tsumeb deposit	FMM-Moscow	Russia	T	
<b>Overite</b>		1940	Larsen E.S.	Amer. Min. (1940), 25, 315-326	USA - Utah - Utah County - Fairfield (near) - Clay Canyon	HMM-Cambridge	USA	T	95482
<b>Owensite</b>	1993-061	1995	Lafamme J.H.G., Roberts A.C., Criddle A.J., Cabri L.J.	Can. Min. (1995), 33, 665-670	Canada - Yukon Territory - Klucane district - Quill Creek ultramafic complex - Wallgreen deposit, in a drill core (N61°28', W139°32')	GSC-Ottawa	Canada	CT	NMC 67326
<b>Owensite</b>	1993-061	1995	Lafamme J.H.G., Roberts A.C., Criddle A.J., Cabri L.J.	Can. Min. (1995), 33, 665-670	Canada - Yukon Territory - Klucane district - Quill Creek ultramafic complex - Wallgreen deposit, in a drill core (N61°28', W139°32')	NHM-London	United Kingdom	T	E.1495, BM 1994.54
<b>Owyheite</b>		1921	Shannon E.V.	Amer. Min. (1921), 6, 82-83	USA - Idaho - Owyhee County - Silver City district - Poorman mine	NMNH-Washington	USA	T	94054
<b>Oxamnite</b>		1870	Shepard C.U.	Rural Carolinian (1870), 1, 469-471	Peru - La Libertad Department - Viru Province - Guanape Islands	PMNH-New Haven	USA		

<b>Oxo-magnesiosthasingsite</b>	2012 s.p.	2013	Zaitsev A.N., Avdontseva E.Y., Britvin S.N., Demény A., Homonnay Z., Jeffries T.E., Keller J., Krivovichev V.G., Markl G., Platonova N.V., Sildra O.J., Spratt J., Vennemann T.	Min. Mag. (2013), 77/6, 2773-2792	Tanzania - northern Tanzania - Gregory rift - Deefi volcanic cone	UDG-St. Petersburg	Russia	CT	1/19465
<b>Oxo-mangani-leakeite</b>	2015-035	2016	Oberli R., Boiocchi M., Hawthorne F.C., Ball N.A., Ashley P.M.	Min. Mag. (2016), 80/6, 1013-1021	Australia - New South Wales - Hoskins mine - 3 km west of Greenfell (Mn deposit) (S33°53'45";	CMN-Ottawa	Canada	HT	CMNMC 86895
<b>Oxy-chromium-dravite</b>	2011-097	2012	Bosi F., Reznitskii L., Skogby H.	Amer. Min. (2012), 97/11-12, 2024-2030	Russia - Siberia - Irkutsk region - Slud'yanka - Pereval marble quarry (N51°37', E103°38')	Museum of Mineralogy, Earth Sciences Department, Sapienza University-Roma	Italy	T	33064
<b>Oxy-dravite</b>	2012-004a	2013	Bosi F., Skogby H.	Amer. Min. (2013), 98, 1442-1448	Kenya - Narok district - Osarara	Museum of Mineralogy, Earth Sciences Department, Sapienza University-Roma	Italy	HT	33066
<b>Oxy-foitite</b>	2016-069	2017	Bosi F., Skogby H., Halenius U.	Eur. J. Min. (2017), 29/5, 889-896	Australia - New South Wales - Cooma - Cooma metamorphic Complex (S36°14', E149°07')	MMURo-Roma	Italy	HT	8829/84
<b>Oxy-schorl</b>	2011-011	2013	Bacik P., Cempirek J., Uher P., Novak M., Ozdin D., Filip J., Skoda R., Breiter K., Klementova M., Duda R., Groat L.A.	Amer. Min. (2013), 98/2-3, 485-492	Czech Republic - Central Bohemia Region - near Kutna Hora - Pribyslavice	MMBr-Brno		CT	B10521
<b>Oxy-schorl</b>	2011-011	2013	Bacik P., Cempirek J., Uher P., Novak M., Ozdin D., Filip J., Skoda R., Breiter K., Klementova M., Duda R., Groat L.A.	Amer. Min. (2013), 98/2-3, 485-492	Slovakia - Kosice - Zlata Idka - Marianna adit	Department of Mineralogy and Petrology, Comenius University-Bratislava	Slovakia	HT	7279
<b>Oxy-schorl</b>	2011-011	2013	Bacik P., Cempirek J., Uher P., Novak M., Ozdin D., Filip J., Skoda R., Breiter K., Klementova M., Duda R., Groat L.A.	Amer. Min. (2013), 98/2-3, 485-492	Slovakia - Kosice - Zlata Idka - Marianna adit	MES-Kosice	Slovakia	HT	G-12760
<b>Oxy-vanadium-dravite</b>	2012 s.p.	2001	Reznitsky L.Z., Sklyarov E.V., Ushchapovskaya Z.F., Nartova N.V., Kashaev A.A., Karmanov N.S., Kanakin S.V., Smolin A.S., Nekrasova E.A.	ZVMO (2001), 130/2, 59-72	Russia - Buryatskaya A.R. - Baikalsk Lake (S region of) - Slud'yanka complex	FMM-Moscow	Russia	T	2493/1
<b>Oxy-vanadium-dravite</b>	2012 s.p.	2013	Bosi F., Reznitskii L.Z., Sklyarov E.V.	Amer. Min. (2013), 98, 501-505	Russia - Southern Baikal region - Slud'yanka complex				
<b>Oxybismutomicrolite</b>	2019-047	2020	Kasalik A.V., Britvin S.V., Pereyazhko I.S., Chukanov N.V., Skoda R., Agakhanov A.A.	Min. Mag. (2020), 84, 444-454	Russia - Central Transbaikalia - Zabayskiy Kray - Krasnochikoykiy District - Malkhan pegmatite field - Solnechnaya (Sunny) pegmatite vein	FMM-Moscow	Russia	T	5409/1
<b>Oxycalciumicrolite</b>	2019-110	2020	Menezes da Silva V.H.R., Avila C.A., Neumann R., Faulstich F.R.L., Alves F.E.A., de Almeida F.B., Proença Cidade T., da Cruz Guimaraes Sousa S.S.	Min. Mag. (2020), 84, 854-858	Brazil - Minas Gerais - Nazareno - Fumal pegmatite (S21°04'08.23", W44°33'59.63")	Museu Nacional, Universidade Federal do Rio de Janeiro-Rio de Janeiro	Brazil		MN-7601-M
<b>Oxycalcioyprochlore</b>	2010 s.p.	1979	Cerny P., Hawthorne F.C., Laflamme J.H.G., Hinthorne J.R.	Can. Min. (1979), 17, 583-588	Czech Republic - Jihomoravsky (Southern Moravia) - Rozna (SE of) - Vezna	ROM-Toronto	Canada	CT	M35630
<b>Oxycalcioroméite</b>	2012-022	2013	Biagioni C., Orlandi P., Nestola F., Bianchin S.	Min. Mag. (2013), 77/7, 3027-3037	Italy - Tuscany - Apuan Alps - Stazzema - Buca della Vena mine (N43°59', E10°18'), New TL	MSN-UP-Calci (Pisa)	Italy	HT	19640
<b>Oxycalcioroméite</b>	2012-022	1841	Damour A.	Annales des Mines, Sér. 3 (1841), 20, 247-254	Italy - Piemonte - Aosta Valley - south of Saint Marcel - Praborna	MHN-Paris	France	HT	41.151, 41.152
<b>Oxykinoshitalite</b>	2004-013	2005	Kogarko L.N., Uvarova Y.A., Sokolova E., Hawthorne F.C., Ottolini L., Grice J.D.	Can. Min. (2005), 43, 1501-1510	Brazil - Pernambuco - Fernando Noronha Island	CMN-Ottawa	Canada	HT	
<b>Oxynatromicrolite</b>	2013-063	2017	Fan Guang, Ge Xiangkung, Li Guowu, Yu Apeng, Shen Ganfu	Min. Mag. (2017), 81/4, 743-751	China - Henan Province - Sanmenxia City (Prefecture) - Lushi County - Guanpo Town - No. 309 Pegmatite vein (N33°52'29")	NMG-Beijing	China	T	M11940
<b>Oxyphlogopite</b>	2009-069	2010	Chukanov N.V., Mukhanova A.A., Rastvetaeva R.K., Belekovsky D.I., Möckel S., Karimova O.V., Britvin S.N., Krivovichev S.V.	ZRMO (2010), 139/3, 31-40	Germany - Rhineland-Palatinate - Eifel volcanic complex - Mendig - Mount Rothenberg - basalt quarry	FMM-Moscow	Russia	HT/CT	3884/2 (HT), 3884/1 (CT)
<b>Oxyplumboroméite</b>	2013-042	2013	Halenius U., Bosi F.	Min. Mag. (2013), 77/7, 2931-2939	Sweden - Central Sweden - Värmland - Pajsberg - Harstigen mine (Fe-Mn deposit) (N59.60°	SMNH-Stockholm	Sweden	HT	g22779
<b>Oxystannomicrolite</b>	2010 s.p.	1968	Amer. Min. (1968), 53, 2103-2106	Bulletin de la Commission Géologique de Finlande (1967), 229, 173-187	Finland - Tammela - Sukula pegmatites				
<b>Oxysilbiomicrolite</b>	2010 s.p.	1938	Quensel P., Berggren T.	Geologiska Föreningens i Stockholm Förhandlingar (1938), 60, 216	Sweden - Västerbotten - Skellefteå - Skellefteå - Varutåsk	MHN-Paris	France	T	139984
<b>Oxyvanite</b>	2008-044	2009	Reznitsky L.Z., Sklyarov E.V., Armbruster T., Ushchapovskaya Z.F., Galuskin E.V., Polekhovskiy Y.S., Barash I.G.	ZRMO (2009), 138/3, 70-81	Russia - Southern Baikal region - Slud'yanka Complex	FMM-Moscow	Russia	T	
<b>Oyelite</b>	1980-103	1980	Kusachi I., Henmi C., Henmi K.	Journ. Min. Soc. Japan (1980), 14, 314-322	Japan - Honshu - Okayama Pref. - Bicchu township - Fuka mine	NMNH-Washington	USA	HT	148213
<b>Oyelite</b>	1980-103	1980	Kusachi I., Henmi C., Henmi K.	Journ. Min. Soc. Japan (1980), 14, 314-322	Japan - Honshu - Okayama Pref. - Bicchu township - Fuka mine	NSM-Tokyo	Japan	T	M-23576
<b>Oyonite</b>	2018-002	2018	Bindi L., Biagioni C., Keutsch F.N.	Minerals (2018), 8/5, 192	Peru - Lima Department - Catajumbo - Oyon district - Uchuchacua base-metal deposit (S10°37'23", W76°41'17")	MMUFI-Firenze	Italy	HT	3283/1
<b>Ozerovaite</b>	2016-019	2019	Shablinskii A.P., Filatov S.K., Vergasova L.P., Avdontseva E.Y., Moskaleva S.V., Povolotskiy A.V.	Eur. J. Min. (2018), 31/1, 159-166	Russia - Far-Eastern Region - Kamchatska Peninsula - Tolbachik volcano - Northern Breakthrough of the Great Tolbachik Fissure	UDG-St. Petersburg	Russia	HT	Jan-65