

Species Name	IMA Ref	Date	Naming Publication Authors	Naming Publication Reference	Type Locality	Type Specimen Repository (Claimed)	Country	Type Status	Catalogue Entry(s)
Yafsoanite	1981-022	1982	Kim A.A., Zayakina N.V., Lavrentev Yu.G.	ZVMO (1982), 111, 118-121	Russia - Eastern-Siberian Region - Yakutiya-SW - Central Aldan - Kuranakh deposit (Au deposit)	FMM-Moscow	Russia	T	84397
Yafsoanite	1981-022	1982	Kim A.A., Zayakina N.V., Lavrentev Yu.G.	ZVMO (1982), 111, 118-121	Russia - Eastern-Siberian Region - Yakutiya-SW - Central Aldan - Kuranakh deposit (Au deposit)	YIGS-Yakutsk	Russia	T	mk-111
Yagite	1988-020	1969	Bunch T.E., Fuchs L.H.	Amer. Min. (1969), 54, 14-18	Meteorite-Spain - Andalusia - Granada - Benalua de las Villas - Colomera meteorite				
Yakhontovite	1984-032a	1986	Postnikova V.P., Isipursky S.I., Sidarenko G.A., Mokhov A.V.	Mineralogicheskii Zhurnal (1986), 8/6, 80-84	Russia - Khabarovsk Territory - Komsomol'sk region - Pridorchnoye deposit (Sn deposit)	FMM-Moscow	Russia	T	84395
Yakovenchukite (Y)	2006-002	2007	Krivovichev S.V., Pakhomovsky Y.A., Ivanyuk G.Y., Mikhailova J.A., Men'shikov Y.P., Ambuster	Amer. Min. (2007), 92, 1525-1530	Russia - Kola Peninsula - Khibiny alkaline massif - Mt. Kukisvumchorr	UDG-St. Petersburg	Russia	HT	1/19174
Yancowinnite	2010-030	2015	Elliot P., Pring A.	Australian Journal of Mineralogy (2015), 17, 73-76	Australia - New South Wales - Broken Hill - Kintore opencut - no. 3 lens	SAM-Adelaide	Australia	T	G33029
Yangite	2012-052	2016	Downs R.T., Pinch W.W., Thompson R.M., Evans S.H.	Amer. Min. (2016), 101, 2539-2543	Namibia - Otavi Valley - Kombat mine	UA-Tucson	USA	CT	R090031
Yangite	2012-052	2016	Downs R.T., Pinch W.W., Thompson R.M., Evans S.H.	Amer. Min. (2016), 101, 2539-2543	Namibia - Otavi Valley - Kombat mine	NMNH-Washington	USA	CT (part of)	175983
Yangzhumingite	2009-017	2011	Miyawaki R., Shimazaki H., Shigeoka M., Yokoyama K., Matsubara S., Yurimoto H.	Eur. J. Min. (2011), 23, 467-473	China - Inner Mongolia - Baotou Prefecture - Darhan Muminggan District - Bayan Obo deposit - East Mine (E109°57', N41°46')	NSM-Beijing	Japan	T	NSM-MF15361
Yangzhumingite	2009-017	2011	Miyawaki R., Shimazaki H., Shigeoka M., Yokoyama K., Matsubara S., Yurimoto H.	Eur. J. Min. (2011), 23, 467-473	China - Inner Mongolia - Baotou Prefecture - Darhan Muminggan District - Bayan Obo deposit - East Mine (E109°57', N41°46')	IGG-CAS-Peking	China	T	KDX015-1
Yanomamite	1990-052	1994	Botelho N.F., Roger G., d'Yvoire F., Moëlo Y.	Eur. J. Min. (1994), 6, 245-254	Brazil - Goiás - Brasília (350 km N of) - Mangabeira Sn-deposit	ENSM-Paris	France	HT	54608
Yanomamite	1990-052	1994	Botelho N.F., Roger G., d'Yvoire F., Moëlo Y., Vollinger M.	Eur. J. Min. (1994), 6, 245-254	Brazil - Goiás - Brasília (350 km N of) - Mangabeira Sn-deposit	Mineralogical Collection of the Instituto de Geociências, Universidade de Brasília	Brazil	HT	
Yarlongite	2007-035	2008	Shi Niencheng, Bai Wenji, Li Guowu, Xiong Ming, Fang Qingsong, Yang Jingsui, Ma Zhesheng, Rong He	Acta Geologica Sinica (2008), 83/1, 52-56	China - Tibet Autonomous Region - Shannan Prefecture - Qusong County - 200 km ESE of Lhasa - Luobusha mine, Orebody C31 (N29°05', E92°05')	NMG-Beijing	China	HT	M11650
Yarlongite	2007-035	2008	Shi Niencheng, Bai Wenji, Li Guowu, Xiong Ming, Fang Qingsong, Yang Jingsui, Ma Zhesheng, Rong He	Acta Geologica Sinica (2008), 83/1, 52-56	China - Tibet Autonomous Region - Shannan Prefecture - Qusong County - 200 km ESE of Lhasa - Luobusha mine, Orebody C31 (N29°05', E92°05')	IG-CAGS-Beijing	China	T	45
Yaroshevskite	2012-003	2013	Pekov I.V., Zubkova N.V., Zelenski M.E., Yapakurt V.O., Polekhovsky Y.S., Fadeeva O.A.	Min. Mag. (2013), 77/1, 107-116	Russia - Kamchatka - Tolbachik volcano - Northern Breakthrough of the Great Tolbachik Fissure Eruption - Second scoria cone	FMM-Moscow	Russia	T	4240/1
Yaroslavit	1968 s.p.	1966	Novikova M.I., Sidarenko G.A., Kuznetsova M.N.	ZVMO (1966), 95, 39-44	Russia - Primorsk Territory - Khanka Lake (50 km S of) - Yaroslavskoye deposit (Sn deposit)	VIMS-Moscow	Russia	T	
Yarrowite	1978-022	1980	Goble R.J.	Can. Min. (1980), 18, 511-518	Canada - Alberta (SW) - Yarrow Creek and Spionkop Creek deposit - Yarrow Creek	GSC-Ottawa	Canada	CT	61552
Yarzhemskite	2018-019	2020	Pekov I.V., Zubkova N.V., Korotchenkova O.V., Chaikovskiy I.I., Yapakurt V.O., Chukanov N.V., Belakovskiy D.I., Lykova I.S.	Min. Mag. (2020), 84, 335-342	Kazakhstan - Western Kazakhstan Region - Chelkar (Shalkar) lake (near) - Chelkar salt dome (drillcore of borehole #800, depth 344-347 m.)	FMM-Moscow	Russia	T	96257
Yavapaiite	1962 s.p.	1959	Hutton C.O.	Amer. Min. (1959), 44, 1105-1114	USA - Arizona - Yavapai County - Black Hills - Verde District - Jerome - United Verde Mine				
Yazganite	2003-033	2005	Sarp H., Cerny R.	Eur. J. Min. (2005), 17/2, 357-366	Turkey - Kayseri prefecture - Cappadocian volcanic province - volcanic complex of Erices	MHN-Genève	Switzerland	HT	478.188
Yazganite	2003-033	2005	Sarp H., Cerny R.	Eur. J. Min. (2005), 17/2, 357-366	Turkey - Kayseri prefecture - Hisarcik - Kiranardi (Kcranardi)	MGL-Lausanne	Switzerland	T	MGL 80000
Ye'elimite	1984-052	1984	Gross S.	Geol. Surv. Israel, Current Research (1984), p. 1-4	Israel - Hatturim basin (W of Dead Sea) - Har Ye'elim hill	DGHU-Jerusalem	Israel	CT	HU 62815
Ye'elimite	1984-052	1984	Gross S.	Geol. Surv. Israel, Current Research (1984), p. 1-4	Israel - Hatturim basin (W of Dead Sea) - Har Ye'elim hill	GSI-Jerusalem	Israel	CT	
Yeatmanite		1938	Palache C., Bauer L.H., Berman H.	Amer. Min. (1938), 23, 527-530	USA - New Jersey - Sussex County - Franklin	ENSM-Paris	France	CT	51075
Yeatmanite		1938	Palache C., Bauer L.H., Berman H.	Amer. Min. (1938), 23, 527-530	USA - New Jersey - Sussex County - Franklin	HMM-Cambridge	USA	HT	92878
Yeatmanite		1938	Palache C., Bauer L.H., Berman H.	Amer. Min. (1938), 23, 527-530	USA - New Jersey - Sussex County - Franklin	NMNH-Washington	USA	T	C06290
Yecoraite	1983-062	1985	Williams S.A., Cesbron F.P.	Boletín de la Sociedad Mexicana de Mineralogía (1985), 1, 10-16	Mexico - Sonora - Municipio de Yecora - Yecora (near) - San Martín de Porres mine	NHM-London	United Kingdom	CT	BM 1984.479
Yedinite	1974-001	1974	McLean W.J., Bideaux R.A., Thomson R.W.	Amer. Min. (1974), 59, 1157-1159	USA - Arizona - Pinal County - Tiger - Mammoth mine	NMNH-Washington	USA	T	R08171
Yegorovite	2008-033	2009	Pekov I.V., Zubkova N.V., Chukanov N.V., Zadov A.E., Grishin V.G., Pushcharovsky	ZRMO (2009), 138/3, 82-89	Russia - Kola Peninsula - Lovozero alkaline massif - Mt. Kedykverpakhk - Poltara	FMM-Moscow	Russia	T	
Yeomanite	2013-024	2015	Turner R.W., Siidra O.J., Rumsey M.S., Polekhovsky Y.S., Kretser Y.L., Krivovichev S.V., Spratt J.	Min. Mag. (2015), 79/5 1203-1211	Great Britain - England - Somerset - Mendip Hills, Cranmore - Merehead Quarry (N51°12', W2°26')	NHM-London	United Kingdom	HT	BM 2013.5
Yeomanite	2013-024	2015	Turner R.W., Siidra O.J., Rumsey M.S., Polekhovsky Y.S., Kretser Y.L., Krivovichev S.V., Spratt J.	Min. Mag. (2015), 79/5 1203-1211	Great Britain - England - Somerset - Mendip Hills, Cranmore - Merehead Quarry (N51°12', W2°26')	NMNH-Washington	USA	CT	
Yimengite	1982-046	1983	Dong Zhenxin, Zhou Jianxiang, Lu Qi, Peng Zhizhong	Chinese Science Bulletin (Kexue Tongbao) (1963), 28/15, 932-936	China - Shandong Province - Linyi Prefecture - Mengyin County - Laiwu District - Yimeng Mountain area - Mengyin kimberlite - Changma Diamond mine, Hongqi-27 vein (N35°44', E117°55')	NMG-Beijing	China	T	M09631
Yingjiangite	1989-001	1990	Chen Zangru, Huang Zuzhu, Gu Xiaofa	Acta Mineralogica Sinica (1990), 10/2, 102-105	China - Yunnan Province - Dehong Autonomous Prefecture - Yingjiang County - Tongbiguan Village (oxidized U-deposit at)	NMG-Beijing	China	T	M09640
Yingjiangite	1989-001	1990	Chen Zangru, Huang Zuzhu, Gu Xiaofa	Acta Mineralogica Sinica (1990), 10/2, 102-105	China - Yunnan Province - Dehong Autonomous Prefecture - Yingjiang County - Tongbiguan Village (oxidized U-deposit at)	UGRI-Peking	China		UKW-31
Yixunite	1995-042	1997	Yu Zuxiang	Acta Geologica Sinica (1997), 71, 332-335	China - Hebei Province - Chengde Prefecture - Luanning County - Beijing (about 270 km N of) - near the village of Damiao and the Yixun River (tributary of Luan River)	NMG-Beijing	China	T	M10121
Yoderite	1962 s.p.	1959	McKie D., Radford A.J.	Min. Mag. (1959), 32, 282-307	Tanzania - Dodoma Region - Kongwa District - Kongwa - Maulia Hill				

Yofortierite	1974-045	1975	Perrault G., Harvey Y., Petrowsky R.	Can. Min. (1975), 13, 68-74	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	CMN-Ottawa	Canada	T	37133
Yofortierite	1974-045	1975	Perrault G., Harvey Y., Petrowsky R.	Can. Min. (1975), 13, 68-74	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	ENSM-Paris	France	CT	51122
Yofortierite	1974-045	1975	Perrault G., Harvey Y., Petrowsky R.	Can. Min. (1975), 13, 68-74	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	MHN-Paris	France	T	178118
Yofortierite	1974-045	1975	Perrault G., Harvey Y., Petrowsky R.	Can. Min. (1975), 13, 68-74	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	NHM-London	United Kingdom	T	BM 1975,418
Yofortierite	1974-045	1975	Perrault G., Harvey Y., Petrowsky R.	Can. Min. (1975), 13, 68-74	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	NMNH-Washington	USA	T	131952
Yofortierite	1974-045	1975	Perrault G., Harvey Y., Petrowsky R.	Can. Min. (1975), 13, 68-74	Canada - Québec - Montérégie - La Vallée-du-Richelieu RCM - Mont Saint-Hilaire - Poudrette quarry (Demix quarry)	ROM-Toronto	Canada	T	M33627
Yoshimuraite	2016 s.p.	1959	Watanabe T.	Min. Journ. Japan (1959), 2, 408-421	Japan - Honshu - Iwate Pref. - Misago ore body - Noda-Tamagawa mine (first TL)	HMM-Cambridge	USA	T	106170 and 106919
Yoshimuraite	2016 s.p.	1959	Watanabe T.	Min. Journ. Japan (1959), 2, 408-421	Japan - Honshu - Iwate Pref. - Misago ore body - Noda-Tamagawa mine (first TL)	NMNH-Washington	USA	T	107461
Yoshimuraite	2016 s.p.	1959	Watanabe T.	Min. Journ. Japan (1959), 2, 408-421	Japan - Honshu - Iwate Pref. - Misago ore body - Noda-Tamagawa mine (first TL)	NSM-Tokyo	Japan	T	M-15110
Yoshiokaite	1989-043	1990	Vaniman D.T., Bish D.L.	Amer. Min. (1990), 75, 676-686	Moon - Fra Mauro (Apollo 14 landing site; lunar regolith breccia)	MCF-Houston	USA	HT/CT	14076
Yttrialite-(Y)	1987 s.p.	2011	Mills S.J., Kartashov P.M., Ma Chi, Rossman G.R., Novgorodova M.J., Kampf	Amer. Min. (2011), 96, 1166-1170	Russia - Prepolarsk Ural - Bol'shaya Polyva River -	LACMNH-Los Angeles	USA	T	63272
Yttrialite-(Y)	1987 s.p.	1889	Hidden W.E., Mackintosh J.B.	American Journal of Science (1889), 3, 38, 477	USA - Texas - Llano County - Bluffton - Barringer Hill				
Yttrocolumbite-(Y)	1987 s.p.	1837	Dana J.D.	A System of Mineralogy, Durnie & Peck and Herrick & Noyes, New Haven (1837), 370	Mozambique				
Yttrocrasite-(Y)	1987 s.p.	1906	Hidden W.E., Warren C.H.	Amer. J. Sci., ser. 4 (1906) 22, 515-519	USA - Texas - Burnet County - Baringer Hill pegmatite (5 km E of)	NMNH-Washington	USA	T	119841
Yttrotantalite-(Y)	1987 s.p.	1802	Ekeberg A.G.	Kongliga Svenska Vetenskaps-Akademiens Handlingar (1802),	Sweden - Uppland - Vaxholm - Resarö - Ytterby				
Yttrotungstite-(Ce)	1987 s.p.	1970	Sahama T.G., von Knorring O., Lehtinen M.	Bulletin of the Geological Society of Finland (1970), 42,	Uganda - Kigezi District - Kirwa Mine	GMU-Helsinki	Finland		
Yttrotungstite-(Ce)	1987 s.p.	1970	Sahama T.G., von Knorring O., Lehtinen M.	Bulletin of the Geological Society of Finland (1970), 42,	Malaysia - Perak - Kinta District - Kramat Pulai mine	GMU-Helsinki	Finland		
Yttrotungstite-(Y)	1987 s.p.	1950	Beard E.H.	Kongliga Svenska Vetenskaps-Akademiens Handlingar (1802),	Malaysia - Perak - Kinta District - Pulai - Kramat Pulai mine	NHM-London	United Kingdom	T	BM 1927,1157
Yuanfulite	1994-001	1994	Huang Ziliang, Wang Pu	Acta Petrologica Mineralogica (1994), 13, 328-334	China - Liaoning Province - Dandong Prefecture - Kuandian County - Zhuanmiao boron deposit (N40°46'10", E 125°01'15")	NMG-Beijing	China	T	M10282
Yuanjiangite	1993-028	1994	Chen Lichang, Tang Cuiqing, Zhang Jianhang, Liu Zhenyun	Acta Petrologica Mineralogica (1994), 13/3, 232-238	China - Hunan Province - Huaihai Prefecture - Yuanling County - Yuanjiang river (middle course of the) - Yuanlin, near (N28°25'37", E 110°22'49")	CUG-Beijing	China	T	
Yuanjiangite	1993-028	1994	Chen Lichang, Tang Cuiqing, Zhang Jianhang, Liu Zhenyun	Acta Petrologica Mineralogica (1994), 13/3, 232-238	China - Hunan Province - Huaihai Prefecture - Yuanling County - Yuanjiang river (middle course of the) - Yuanlin, near (N28°25'37", E 110°22'49")	NMG-Beijing	China	T	M10277
Yugawaralite	1997 s.p.	1952	Sakurai K., Hayashi A.	Sci. Rep. Yokohama Nat. Univ. (1952), sect. 2, no. 1, 69-77	Japan - Honshu - Kanagawa Pref. - Yugawara hot spring	ENSM-Paris	France	CT	
Yugawaralite	1997 s.p.	1952	Sakurai K., Hayashi A.	Sci. Rep. Yokohama Nat. Univ. (1952), sect. 2, no. 1, 69-77	Japan - Honshu - Kanagawa Pref. - Yugawara hot spring	NMNH-Washington	USA	T	106164
Yugawaralite	1997 s.p.	1952	Sakurai K., Hayashi A.	Sci. Rep. Yokohama Nat. Univ. (1952), sect. 2, no. 1, 69-77	Japan - Honshu - Kanagawa Pref. - Yugawara hot spring	NSM-Tokyo	Japan	T	
Yukonite		1913	Tyrell J.B., Graham R.P.D.	Transactions of the Royal Society of Canada (1913), ser. 3, v.7, sect. 4, 13-18	Canada - Yukon Territory - Tagish Lake - Windy Arm (W side of) - Daulton mine	GSC-Ottawa	Canada	HT	18594
Yukonite		1913	Tyrell J.B., Graham R.P.D.	Transactions of the Royal Society of Canada (1913), ser. 3, v.7, sect. 4, 13-18	Canada - Yukon Territory - Tagish Lake - Windy Arm (W side of) - Daulton mine	NHM-London	United Kingdom	CT	BM 1916,454
Yukonite		1913	Tyrell J.B., Graham RPD	Transactions of the Royal Society of Canada (1913), ser. 3, v.7, sect. 4, 13-18	Canada - Yukon Territory - Tagish Lake - Windy Arm (W side of) - Daulton mine	NMNH-Washington	USA	T	R05783
Yuksporite		1923	Fersman A.E.	Transactions of the Northern Scientific and Economic Expedition (1923), 16, 16-73	Russia - Northern Region - Murmanskaya Oblast' - Khibiny Massif - Hackmann Valley, Yuksporlak Pass and Vuonnemiok River	FMM-Moscow	Russia	T	25847
Yurgensonite	2019-059		Pekov I.V., Zubkova N.V., Agakhanov A.A., Yapaskurt V.O., Belakovskiy D.I., Vigasina M.F., Britvin S.N., Turchkova A.G., Sidorov	Newsletter 52 in Min. Mag. (2019), 83, 887-893	Russia - Far-Eastern Region - Kamchatka Oblast' - Tolbachik volcano - Northern Breakthrough - Second scoria cone - Arsenatnaya fumarole (N55°41', E 160°14')	FMM-Moscow	Russia	T	5419/1
Yurmarinite	2013-033	2014	Pekov I.V., Zubkova N.V., Yapaskurt V.O., Belakovskiy D.I., Lykova I.S., Vigasina M.F., Sidorov E.G., Pushcharovsky D.Y.	Min. Mag. (2014), 78/4, 905-917	Russia - Kamchatka - Tolbachik volcano - northern Breakthrough of the Great Tolbachik Fissure Eruption - Second scoria cone - Arsenatnaya fumarole	FMM-Moscow	Russia	T	94134
Yushkinite	1983-050	1984	Makeev A.B., Evstigneeva T.L., Troneva N.N., Vyal'sov L.N., Gorshkov A.I., Trubkin	Min. Zhurn. (1984), 6, n5, 91-98	Russia - Ural-Polar - Komi A.R. - Vorkuta, N of - Pay-Khoy, in the middle stream of Silova-Yakha	FMM-Moscow	Russia	T	84284
Yushkinite	1983-050	1984	Makeev A.B., Evstigneeva T.L., Troneva N.N., Vyal'sov L.N., Gorshkov A.I., Trubkin	Min. Zhurn. (1984), 6, n5, 91-98	Russia - Ural-Polar - Komi A.R. - Vorkuta, N of - Pay-Khoy, in the middle stream of Silova-Yakha	IGEM-Moscow	Russia		
Yushkinite	1983-050	1984	Makeev A.B., Evstigneeva T.L., Troneva N.N., Vyal'sov L.N., Gorshkov A.I., Trubkin	Min. Zhurn. (1984), 6, n5, 91-98	Russia - Ural-Polar - Komi A.R. - Vorkuta, N of - Pay-Khoy, in the middle stream of Silova-Yakha	KSC-Sykt'ykar, Komi AR	Russia		
Yushkinite	1983-050	1984	Makeev A.B., Evstigneeva T.L., Troneva N.N., Vyal'sov L.N., Gorshkov A.I., Trubkin	Min. Zhurn. (1984), 6, n5, 91-98	Russia - Ural-Polar - Komi A.R. - Vorkuta, N of - Pay-Khoy, in the middle stream of Silova-Yakha	MM-St. Petersburg	Russia	T	1501/1
Yusupovite	2014-022	2015	Agakhanov A.A., Pautov L.A., Karpenko V.Y., Sokolova E., Abdu Y.A., Hawthorne F.C., Pekov I.V.,	Amer. Min. (2015), 100, 1502-1508	Tajikistan - Darai-Pioz river - moraine of the Darai-Pioz alkaline massif	FMM-Moscow	Russia	HT	4543/1
Yvonite	1995-012	1998	Sarp H., Cerny R.	Amer. Min. (1998), 83, 383-389	France - Aude dép. - Carcassonne (15 km N) - Salsigne mine	MHN-Genève	Switzerland	HT	477.088