

## The New IMA List of Minerals – A Work in Progress – Updated: November 2017

In the following pages of this document a comprehensive list of all valid mineral species is presented. The list is distributed (for terms and conditions see below) *via* the web site of the Commission on New Minerals, Nomenclature and Classification of the International Mineralogical Association, which is the organization in charge for approval of new minerals, and more in general for all issues related to the status of mineral species. The list, which will be updated on a regular basis, is intended as the primary and official source on minerals.

### Explanation of column headings:

*Name:* it is the presently accepted mineral name (and in the table, minerals are sorted by name).

*CNMMN/CNMNC approved formula:* it is the chemical formula of the mineral.

*IMA status:* A = approved (it applies to minerals approved after the establishment of the IMA in 1958); G = grandfathered (it applies to minerals discovered before the birth of IMA, and generally considered as valid species); Rd = redefined (it applies to existing minerals which were redefined during the IMA era); Rn = renamed (it applies to existing minerals which were renamed during the IMA era); Q = questionable (it applies to poorly characterized minerals, whose validity could be doubtful).

*IMA No. / Year:* for approved minerals the IMA No. is given: it has the form XXXX-YYY, where XXXX is the year and YYY a sequential number; for grandfathered minerals the year of the original description is given. In some cases, typically for Rd and Rn minerals, the year may be followed by s.p. (special procedure): it refers to the year in which a specific action (redefinition and/or renaming) took place, and was approved by IMA. This may be related to the approval of a report by a dedicated subcommittee on a given group of minerals.

*Country:* it is the country in which the mineral was discovered for the first time (according to the national boundaries as of today).

*First reference:* it is the original reference for each mineral.

*Second reference:* it is the most recent or most complete reference for each mineral, possibly including a crystal structure study.

**Caveat (IMPORTANT):** the list includes selected information on the **5312** currently valid species; inevitably there will be mistakes in it. We will be grateful to all those who will point out errors of any kind, including typos. Please email your corrections to [marco.pasero@unipi.it](mailto:marco.pasero@unipi.it).

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Name	CNMMN/CNMNC approved formula	IMA Status	IMA No. / Year	Country	First reference	Second reference
Abellaite	NaPb <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH)	A	2014-111	Spain	CNMNC Newsletter 29 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 199	
Abelsonite	NiC <sub>31</sub> H <sub>32</sub> N <sub>4</sub>	A	1975-013	USA	<i>American Mineralogist</i> <b>63</b> (1978), 930	<i>American Mineralogist</i> <b>102</b> (2017), 1129
Abenakiite-(Ce)	Na <sub>26</sub> Ce <sub>6</sub> (Si <sub>6</sub> O <sub>18</sub> )(PO <sub>4</sub> ) <sub>6</sub> (CO <sub>3</sub> ) <sub>6</sub> (SO <sub>2</sub> )O	A	1991-054	Canada	<i>Canadian Mineralogist</i> <b>32</b> (1994), 843	
Abernathyite	K(UO <sub>2</sub> )(AsO <sub>4</sub> )·3H <sub>2</sub> O	G	1956	USA	<i>American Mineralogist</i> <b>41</b> (1956), 82	<i>American Mineralogist</i> <b>49</b> (1964), 1578
Abhurite	Sn <sup>2+</sup> <sub>21</sub> O <sub>6</sub> (OH) <sub>14</sub> Cl <sub>16</sub>	A	1983-061	Saudi Arabia	<i>Canadian Mineralogist</i> <b>23</b> (1985), 233	<i>Canadian Mineralogist</i> <b>41</b> (2003), 659
Abramovite	Pb <sub>2</sub> SnInBiS <sub>7</sub>	A	2006-016	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(5)</b> (2007), 45	
Abswurbachite	Cu <sup>2+</sup> Mn <sup>3+</sup> <sub>6</sub> O <sub>8</sub> (SiO <sub>4</sub> )	A	1990-007	Greece	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>163</b> (1991), 117	
Abuite	CaAl <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>2</sub>	A	2014-084	Japan	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	
Acanthite	Ag <sub>2</sub> S	G	1855	Czech Republic	<i>Annalen der Physik und Chemie</i> <b>95</b> (1855), 462	<i>Zeitschrift für Kristallographie</i> <b>110</b> (1958), 136
Acetamide	CH <sub>3</sub> CONH <sub>2</sub>	A	1974-039	Ukraine	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 326	<i>Journal of Physical Chemistry</i> <b>96</b> (1992), 668
Achalaite	Fe <sup>2+</sup> TiNb <sub>2</sub> O <sub>8</sub>	A	2013-103	Argentina	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1043	
Achávalite	FeSe	Rn	1939	Argentina	<i>Boletín de la Facultad de Ciencias Exactas, Físicas y Naturales, Universidad Nacional de Córdoba</i> <b>2</b> (1939), 73	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1972), 276
Acmonidesite	(NH <sub>4</sub> ,K,Pb) <sub>8</sub> NaFe <sup>2+</sup> <sub>4</sub> (SO <sub>4</sub> ) <sub>5</sub> Cl <sub>8</sub>	A	2013-068	Italy	CNMNC Newsletter 18 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 3249	
Actinolite	□Ca <sub>2</sub> (Mg <sub>4.5-2.5</sub> Fe <sup>2+</sup> <sub>0.5-2.5</sub> )Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	unknown	<i>Elements of Mineralogy</i> , 2nd ed., vol. 1. Elmsly, London (1794), 167	<i>American Mineralogist</i> <b>83</b> (1998), 458
Acuminite	SrAlF <sub>4</sub> (OH)·H <sub>2</sub> O	A	1986-038	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 502	<i>Zeitschrift für Kristallographie</i> <b>194</b> (1991), 221
Adachiite	CaFe <sup>2+</sup> <sub>3</sub> Al <sub>6</sub> (Si <sub>5</sub> AlO <sub>18</sub> )(BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> (OH)	A	2012-101	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>109</b> (2014), 74	
Adamite	Zn <sub>2</sub> (AsO <sub>4</sub> )(OH)	G	1866	Chile	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>62</b> (1866), 692	<i>American Mineralogist</i> <b>61</b> (1976), 979
Adamsite-(Y)	NaY(CO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	A	1999-020	Canada	<i>Canadian Mineralogist</i> <b>38</b> (2000), 1457	
Addibischhoffite	Ca <sub>2</sub> Al <sub>6</sub> Al <sub>6</sub> O <sub>20</sub>	A	2015-006	Algeria (meteorite)	<i>American Mineralogist</i> <b>102</b> (2017), 1556	
Adelite	CaMg(AsO <sub>4</sub> )(OH)	G	1891	Sweden	<i>Geologiska Föreningen i Stockholm Förhandlingar</i> <b>13</b> (1891), 781	Experimental Mineralogy, Petrology and Geochemistry Meeting (2002), 30 (abstr.)
Admontite	MgB <sub>6</sub> O <sub>10</sub> ·7H <sub>2</sub> O	A	1978-012	Austria	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>26</b> (1979), 69	<i>Crystal Structure Communications</i> <b>5</b> (1976), 433
Adolpateraite	K(UO <sub>2</sub> )(SO <sub>4</sub> )(OH)(H <sub>2</sub> O)	A	2011-042	Czech Republic	<i>American Mineralogist</i> <b>97</b> (2012), 447	
Adranosite	(NH <sub>4</sub> ) <sub>4</sub> NaAl <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> Cl(OH) <sub>2</sub>	A	2008-057	Italy	<i>Canadian Mineralogist</i> <b>48</b> (2010), 315	
Adranosite-(Fe)	(NH <sub>4</sub> ) <sub>4</sub> NaFe <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> Cl(OH) <sub>2</sub>	A	2011-006	Italy	<i>Canadian Mineralogist</i> <b>51</b> (2013), 57	

Adrianite	$\text{Ca}_{12}(\text{Al}_4\text{Mg}_3\text{Si}_7)\text{O}_{32}\text{Cl}_6$	A	2014-028	Mexico (meteorite)	CNMNC Newsletter 21 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 797	
Aegirine	$\text{NaFe}^{3+}\text{Si}_2\text{O}_6$	A	1998 s.p.	Norway	<i>Neues Jahrbuch für Mineralogie, Geognosie, Geologie und Petrefaktenkunde</i> (1835), 184	<i>American Mineralogist</i> <b>93</b> (2008), 1829
Aegirine-augite	$(\text{Ca},\text{Na})(\text{Fe}^{3+},\text{Mg},\text{Fe}^{2+})\text{Si}_2\text{O}_6$	Rd	1988 s.p.	Russia	<i>Mikroskopische Physiographie der Petrographisch Wichtigen Mineralien</i> (1892) 510	
Aenigmatite	$\text{Na}_4[\text{Fe}^{2+}_{10}\text{Ti}_2]\text{O}_4[\text{Si}_{12}\text{O}_{36}]$	A	1967 s.p.	Denmark (Greenland)	<i>Berg- und Hüttenmännische Zeitung</i> <b>24</b> (1865), 397	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 983
Aerinite	$(\text{Ca},\text{Na})_6(\text{Fe}^{3+},\text{Fe}^{2+},\text{Mg},\text{Al})_4(\text{Al},\text{Mg})_6\text{Si}_{12}\text{O}_{36}(\text{OH})_{12}(\text{CO}_3)\cdot 12\text{H}_2\text{O}$	Rd	1988 s.p.	Spain	<i>Neues Jahrbuch für Mineralogie</i> (1876), 352	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 233
Aerugite	$\text{Ni}_{8,5}(\text{AsO}_4)_2\text{As}^{5+}\text{O}_8$	Rd	1965 s.p.	Germany	<i>Journal für Praktische Chemie</i> <b>75</b> (1858), 239	<i>Acta Crystallographica</i> <b>B45</b> (1989), 201
Aeschynite-(Ce)	$(\text{Ce},\text{Ca},\text{Fe},\text{Th})(\text{Ti},\text{Nb})_2(\text{O},\text{OH})_6$	Rn	1987 s.p.	Russia	<i>Jahres-Bericht über die Fortschritte der Physischen Wissenschaften</i> <b>9</b> (1830), 182	<i>Doklady Akademii Nauk SSSR</i> <b>142</b> (1962), 181
Aeschynite-(Nd)	$(\text{Nd},\text{Ln},\text{Ca})(\text{Ti},\text{Nb})_2(\text{O},\text{OH})_6$	A	1987 s.p.	China	<i>Scientia Geologica Sinica</i> <b>4</b> (1982), 424	
Aeschynite-(Y)	$(\text{Y},\text{Ln},\text{Ca},\text{Th})(\text{Ti},\text{Nb})_2(\text{O},\text{OH})_6$	Rn	1987 s.p.	Norway	<i>Skrifter udgivne af Videnskabs-Selskabet i Christiania</i> <b>6</b> (1906), 1	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 1043
Afghanite	$(\text{Na},\text{K})_{22}\text{Ca}_{10}(\text{Si}_{24}\text{Al}_{24})\text{O}_{96}(\text{SO}_4)_6\text{Cl}_6$	A	1967-041	Afghanistan	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>91</b> (1968), 34	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 21
Afmite	$\text{Al}_3(\text{OH})_4(\text{H}_2\text{O})_3(\text{PO}_4)(\text{PO}_3\text{OH})\cdot\text{H}_2\text{O}$	A	2005-025a	France	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 269	
Afwillite	$\text{Ca}_3[\text{SiO}_4][\text{SiO}_2(\text{OH})_2]\cdot 2\text{H}_2\text{O}$	G	1925	South Africa	<i>Mineralogical Magazine</i> <b>20</b> (1925), 277	<i>Crystallography Reports</i> <b>54</b> (2009), 418
Agaité	$\text{Pb}_3\text{Cu}^{2+}\text{Te}^{6+}\text{O}_5(\text{OH})_2(\text{CO}_3)$	A	2011-115	USA	<i>American Mineralogist</i> <b>98</b> (2013), 512	
Agakhanovite-(Y)	$\text{YCa}\square_2\text{KBe}_3\text{Si}_{12}\text{O}_{30}$	A	2013-090	Norway	<i>American Mineralogist</i> <b>99</b> (2014), 2084	
Agardite-(Ce)	$\text{CeCu}^{2+}_6(\text{AsO}_4)_3(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	2003-030	Germany	<i>Aufschluss</i> <b>55</b> (2004), 17	
Agardite-(La)	$\text{LaCu}^{2+}_6(\text{AsO}_4)_3(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	1980-092	Greece	<i>Lapis</i> <b>9</b> (1984), 22	
Agardite-(Nd)	$\text{NdCu}^{2+}_6(\text{AsO}_4)_3(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	2010-056	Greece	<i>Journal of Geosciences</i> <b>57</b> (2011), 249	
Agardite-(Y)	$\text{YCu}^{2+}_6(\text{AsO}_4)_3(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	1968-021	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>92</b> (1969), 420	<i>Acta Crystallographica</i> <b>E69</b> (2013), i61
Agmantinite	$\text{Ag}_2\text{MnSnS}_4$	A	2014-083	Peru	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	
Agrellite	$\text{NaCa}_2\text{Si}_4\text{O}_{10}\text{F}$	A	1973-032	Canada	<i>Canadian Mineralogist</i> <b>14</b> (1976), 120	<i>Crystallography Reports</i> <b>43</b> (1998), 589
Agricolaite	$\text{K}_4(\text{UO}_2)(\text{CO}_3)_3$	A	2009-081	Czech Republic	<i>Mineralogy and Petrology</i> <b>103</b> (2011), 169	
Agrinierite	$\text{K}_2\text{Ca}[(\text{UO}_2)_3\text{O}_3(\text{OH})_2]_2\cdot 5\text{H}_2\text{O}$	A	1971-046	France	<i>Mineralogical Magazine</i> <b>38</b> (1972), 781	<i>American Mineralogist</i> <b>85</b> (2000), 1294
Aguilarite	$\text{Ag}_4\text{SeS}$	G	1891	Mexico	<i>American Journal of Science, Ser. III</i> <b>41</b> (1891), 401	<i>Mineralogical Magazine</i> <b>77</b> (2013), 21
Aheylite	$\text{Fe}^{2+}\text{Al}_6(\text{PO}_4)_4(\text{OH})_8\cdot 4\text{H}_2\text{O}$	A	1984-036	Bolivia	<i>Mineralogical Magazine</i> <b>62</b> (1998), 93	
Ahlfeldite	$\text{Ni}(\text{SeO}_3)_2\cdot 2\text{H}_2\text{O}$	G	1935	Bolivia	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> <b>6</b> (1935), 277	<i>Materials Research Bulletin</i> <b>40</b> (2005), 781
Ahrensite	$\text{Fe}_2(\text{SiO}_4)$	A	2013-028	Morocco (meteorite)	<i>Geochimica et Cosmochimica Acta</i> <b>184</b> (2016), 240	

Aikinite	$\text{CuPbBiS}_3$	G	1843	Russia	Practical Mineralogy. Bailliere, London (1843), 127	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 115
Aiolosite	$\text{Na}_2(\text{Na}_2\text{Bi})(\text{SO}_4)_3\text{Cl}$	A	2008-015	Italy	<i>American Mineralogist</i> <b>95</b> (2010), 382	
Ajoite	$\text{K}_3\text{Cu}^{2+}_{20}\text{Al}_3\text{Si}_{29}\text{O}_{76}(\text{OH})_{16}\cdot 8\text{H}_2\text{O}$	A	1958	USA	<i>American Mineralogist</i> <b>43</b> (1958), 1107	<i>Proceedings of the National Academy of Sciences of the USA</i> <b>99</b> (2002), 11002
Akaganeite	$(\text{Fe}^{3+}, \text{Ni}^{2+})_8(\text{OH}, \text{O})_{16}\text{Cl}_{1.25}\cdot n\text{H}_2\text{O}$	Rn	1962-004	Japan	<i>Mineralogical Magazine</i> <b>33</b> (1962), 270	<i>American Mineralogist</i> <b>88</b> (2003), 782
Akaogiite	$\text{TiO}_2$	A	2007-058	Germany	<i>American Mineralogist</i> <b>95</b> (2010), 892	
Akatoreite	$\text{Mn}^{2+}_9\text{Al}_2\text{Si}_8\text{O}_{24}(\text{OH})_8$	A	1969-015	New Zealand	<i>American Mineralogist</i> <b>56</b> (1971), 416	<i>Canadian Mineralogist</i> <b>31</b> (1993), 321
Akdalaite	$(\text{Al}_2\text{O}_3)_5\cdot \text{H}_2\text{O}$	A	1969-002	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>99</b> (1970), 333	<i>Journal of the European Ceramic Society</i> <b>26</b> (2006), 2707
Åkermanite	$\text{Ca}_2\text{MgSi}_2\text{O}_7$	G	1884	Sweden	<i>Archiv for Matematik og Naturvidenskab</i> <b>13</b> (1890), 310	<i>American Mineralogist</i> <b>92</b> (2007), 1685
Akhtenskite	$\text{MnO}_2$	A	1982-072	Russia	<i>Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya</i> <b>9</b> (1989), 75	
Akimotoite	$\text{MgSiO}_3$	A	1997-044	Australia (meteorite)	<i>American Mineralogist</i> <b>84</b> (1999), 267	<i>American Mineralogist</i> <b>92</b> (2007), 1545
Aklimaite	$\text{Ca}_4[\text{Si}_2\text{O}_5(\text{OH})_2](\text{OH})_4\cdot 5\text{H}_2\text{O}$	A	2011-050	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(2)</b> (2012), 21	<i>Zeitschrift für Kristallographie</i> <b>227</b> (2012), 452
Akrochordite	$\text{Mn}^{2+}_5(\text{AsO}_4)_2(\text{OH})_4\cdot 4\text{H}_2\text{O}$	G	1922	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>44</b> (1922), 773	<i>American Mineralogist</i> <b>74</b> (1989), 256
Aksaite	$\text{MgB}_6\text{O}_7(\text{OH})_6\cdot 2\text{H}_2\text{O}$	A	1967 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 447	<i>American Mineralogist</i> <b>56</b> (1971), 1553
Aktashite	$\text{Cu}_6\text{Hg}_3\text{As}_4\text{S}_{12}$	Rd	2008 s.p.	Russia	Problems of the metallogeny of mercury. Nauka, Moscow (1968), 111	
Alabandite	$\text{MnS}$	G	1832	Romania / Turkey	Traité de Minéralogie, Vol. 4, 2nd ed. Bachelier, Paris (1822), 268	<i>Mineralogical Magazine</i> <b>67</b> (2003), 95
Alacránite	$\text{As}_8\text{S}_9$	Rn	1985-033	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>115</b> (1986), 360	<i>American Mineralogist</i> <b>88</b> (2003), 1796
Alamosite	$\text{PbSiO}_3$	G	1909	Mexico	<i>American Journal of Science</i> <b>27</b> (1909), 399	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(5)</b> (2004), 70
Alarsite	$\text{Al}(\text{AsO}_4)$	A	1993-003	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>338</b> (1994), 501	<i>Zeitschrift für Kristallographie</i> <b>194</b> (1991), 291
Albertiniite	$\text{Fe}^{2+}(\text{SO}_3)\cdot 3\text{H}_2\text{O}$	A	2015-004	Italy	<i>Mineralogical Magazine</i> <b>80</b> (2016), 985	
Albite	$\text{Na}(\text{AlSi}_3\text{O}_8)$	G	1815	Sweden	<i>Afhandlingar i Fysik, Kemi och Mineralogi</i> <b>4</b> (1815), 148	<i>American Mineralogist</i> <b>90</b> (2005), 1115
Albrechtschraufite	$\text{MgCa}_4\text{F}_2[\text{UO}_2(\text{CO}_3)_3]_2\cdot 17\text{-}18\text{H}_2\text{O}$	A	1983-078	Czech Republic	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 179	
Alburnite	$\text{Ag}_8\text{GeTe}_2\text{S}_4$	A	2012-073	Romania	<i>American Mineralogist</i> <b>99</b> (2014), 57	
Alcaparrosaite	$\text{K}_3\text{Ti}^{4+}\text{Fe}^{3+}(\text{SO}_4)_4\text{O}(\text{H}_2\text{O})_2$	A	2011-024	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 851	
Aldermanite	$\text{Mg}_5\text{Al}_{12}(\text{PO}_4)_8(\text{OH})_{22}\cdot 32\text{H}_2\text{O}$	A	1980-044	Australia	<i>Mineralogical Magazine</i> <b>44</b> (1981), 59	
Aldridgeite	$(\text{Cd}, \text{Ca})(\text{Cu}, \text{Zn})_4(\text{SO}_4)_2(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	2010-029	Australia	<i>Australian Journal of Mineralogy</i> <b>17</b> (2015), 67	

Aleksandrovite	$\text{KCa}_7\text{Sn}_2\text{Li}_3\text{Si}_{12}\text{O}_{36}\text{F}_2$	A	2009-004	Tajikistan	<i>New Data on Minerals</i> <b>45</b> (2010), 5	
Aleksite	$\text{PbBi}_2\text{Te}_2\text{S}_2$	A	1977-038	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>107</b> (1978), 315	<i>Canadian Mineralogist</i> <b>45</b> (2007), 417
Alexkhomyakovite	$\text{K}_6(\text{Ca}_2\text{Na})(\text{CO}_3)_5\text{Cl}\cdot 6\text{H}_2\text{O}$	A	2015-013	Russia	CNMNC Newsletter 25 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 529	
Alflarsenite	$\text{NaCa}_2\text{Be}_3\text{Si}_4\text{O}_{13}(\text{OH})\cdot 2\text{H}_2\text{O}$	A	2008-023	Norway	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 893	<i>Canadian Mineralogist</i> <b>48</b> (2010), 255
Alforsite	$\text{Ba}_5(\text{PO}_4)_3\text{Cl}$	A	1980-039	USA	<i>American Mineralogist</i> <b>66</b> (1981), 1050	<i>Acta Crystallographica</i> <b>B35</b> (1979), 2382
Alfredopetrovite	$\text{Al}_2(\text{Se}^{4+}\text{O}_3)_3\cdot 6\text{H}_2\text{O}$	A	2015-026	Bolivia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 479	
Alfredstelznerite	$\text{Ca}_4(\text{H}_2\text{O})_4[\text{B}_4\text{O}_4(\text{OH})_6]_4(\text{H}_2\text{O})_{15}$	A	2007-050	Argentina	<i>Canadian Mineralogist</i> <b>48</b> (2010), 123	<i>Canadian Mineralogist</i> <b>48</b> (2010), 129
Algodonite	$\text{Cu}_{1-x}\text{As}_x$ ( $x \approx 0.15$ )	G	1857	Chile	<i>Quarterly Journal of the Chemical Society</i> <b>10</b> (1857), 289	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Aliettite	$\text{Ca}_{0.2}\text{Mg}_6(\text{Si},\text{Al})_8\text{O}_{20}(\text{OH})_4\cdot 4\text{H}_2\text{O}$	Rd	1968 ?	Italy	<i>Proceedings of the International Clay Conference, Tokyo</i> <b>1</b> (1969), 233	<i>Clay Minerals</i> <b>22</b> (1987), 187
Allabogdanite	$(\text{Fe},\text{Ni})_2\text{P}$	A	2000-038	Russia (meteorite)	<i>American Mineralogist</i> <b>87</b> (2002), 1245	
Allactite	$\text{Mn}^{2+}_7(\text{AsO}_4)_2(\text{OH})_8$	A	1980 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>7</b> (1884), 109	<i>Mineralogical Magazine</i> <b>80</b> (2016), 705
Allanite-(Ce)	$\text{CaCe}(\text{Al}_2\text{Fe}^{2+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	Rn	1987 s.p.	Denmark (Greenland)	<i>Transactions of the Royal Society of Edinburgh</i> <b>6</b> (1812), 371	
Allanite-(La)	$\text{CaLa}(\text{Al}_2\text{Fe}^{2+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	A	2003-065	Italy	<i>Canadian Mineralogist</i> <b>44</b> (2006), 63	
Allanite-(Nd)	$\text{CaNd}(\text{Al}_2\text{Fe}^{2+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	A	2010-060	Sweden	<i>American Mineralogist</i> <b>97</b> (2012), 983	
Allanite-(Y)	$\text{CaY}(\text{Al}_2\text{Fe}^{2+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	Rn	1966 s.p.	South Africa	<i>Dept. Mines Mem. Geol. Surv.</i> <b>43</b> (1949), 45	<i>Norsk Geolohisk Tidsskrift</i> <b>42</b> (1962), 277
Allanpringite	$\text{Fe}^{3+}_3(\text{PO}_4)_2(\text{OH})_3\cdot 5\text{H}_2\text{O}$	A	2004-050	Germany	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 793	
Allargentum	$\text{Ag}_{1-x}\text{Sb}_x$ ( $x \approx 0.09-0.16$ )	Rd	1970 s.p.	Canada	<i>Fortschritte der Mineralogie</i> <b>28</b> (1949), 69	<i>Canadian Mineralogist</i> <b>10</b> (1970), 163
Alleghanyite	$\text{Mn}^{2+}_5(\text{SiO}_4)_2(\text{OH})_2$	G	1932	USA	<i>American Mineralogist</i> <b>17</b> (1932), 1	<i>American Mineralogist</i> <b>70</b> (1985), 182
Allendeite	$\text{Sc}_4\text{Zr}_3\text{O}_{12}$	A	2007-027	Mexico (meteorite)	<i>American Mineralogist</i> <b>99</b> (2014), 654	
Allochalcoselite	$\text{Cu}^{1+}\text{Cu}^{2+}_5\text{PbO}_2(\text{SeO}_3)_2\text{Cl}_5$	A	2004-025	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(3)</b> (2005), 70	<i>Canadian Mineralogist</i> <b>44</b> (2006), 507
Alloclasite	$\text{CoAsS}$	G	1866	Romania	<i>Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften, Wien</i> <b>53</b> (1866), 220	<i>Canadian Mineralogist</i> <b>14</b> (1976), 561
Allophane	$\text{Al}_2\text{O}_3(\text{SiO}_2)_{1.3-2.0}\cdot 2.5-3.0\text{H}_2\text{O}$	G	1816	Germany	<i>Göttingische Gelehrte Anzeigen</i> <b>2</b> (1816), 1249	<i>American Mineralogist</i> <b>61</b> (1976), 379
Alloriite	$(\text{Na},\text{K},\text{Ca})_{24}(\text{Na},\text{Ca})_4\text{Ca}_4(\text{Si},\text{Al})_{48}\text{O}_{96}(\text{SO}_4)_4(\text{SO}_3,\text{CO}_3)_2(\text{OH},\text{Cl})_2(\text{H}_2\text{O},\text{OH})_4$	A	2006-020	Italy	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(1)</b> (2007), 82	<i>Doklady Akademii Nauk</i> <b>415(2)</b> (2007), 242
Alluaivite	$\text{Na}_{19}(\text{Ca},\text{Mn}^{2+})_6(\text{Ti},\text{Nb})_3\text{Si}_{26}\text{O}_{74}\text{Cl}\cdot 2\text{H}_2\text{O}$	A	1988-052	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(1)</b> (1990), 117	<i>Doklady Akademii Nauk SSSR</i> <b>312</b> (1990), 1379
Alluaudite	$(\text{Na},\text{Ca})(\text{Mn},\text{Mg},\text{Fe}^{2+})(\text{Fe}^{3+},\text{Mn}^{2+})_2(\text{PO}_4)_3$	Rd	1979 s.p.	France	<i>Annales des Mines, Ser IV</i> <b>13</b> (1848), 341	<i>Mineralogical Magazine</i> <b>43</b> (1979), 227

Almandine	$\text{Fe}^{2+}_3\text{Al}_2(\text{SiO}_4)_3$	G	1546 ?	Turkey	original paper?	<i>American Mineralogist</i> <b>56</b> (1971), 791
Almarudite	$\text{K}(\square, \text{Na})_2(\text{Mn, Fe, Mg})_2[(\text{Be, Al})_3\text{Si}_{12}\text{O}_{30}]$	A	2002-048	Germany	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>179</b> (2004), 265	
Almeidaite	$\text{PbZn}_2(\text{Mn, Y})(\text{Ti, Fe}^{3+})_{18}\text{O}_{36}(\text{OH, O})_2$	A	2013-020	Brazil	<i>Mineralogical Magazine</i> <b>79</b> (2015), 269	
Alnaperbøeite-(Ce)	$(\text{CaCe}_{2.5}\text{Na}_{0.5})(\text{Al}_4)(\text{Si}_2\text{O}_7)(\text{SiO}_4)_3\text{O}(\text{OH})_2$	A	2012-054	Norway	<i>American Mineralogist</i> <b>99</b> (2014), 157	
Alpeite	$\text{Ca}_4\text{Mn}^{3+}_2\text{Al}_2(\text{Mn}^{3+}\text{Mg})(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})(\text{VO}_4)(\text{OH})_6$	A	2016-072	Italy	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Alpersite	$(\text{Mg, Cu})(\text{SO}_4) \cdot 7\text{H}_2\text{O}$	A	2003-040	USA	<i>American Mineralogist</i> <b>91</b> (2006), 261	
Alsakharovite-Zn	$\text{NaSrKZn}(\text{Ti, Nb})_4(\text{Si}_4\text{O}_{12})_2(\text{O, OH})_4 \cdot 7\text{H}_2\text{O}$	A	2002-003	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(1)</b> (2003), 52	
Alstonite	$\text{BaCa}(\text{CO}_3)_2$	G	1841	United Kingdom	Vollständige Handbuch der Mineralogie Vol. 2 (1841), 255	<i>Lithos</i> <b>8</b> (1975), 199
Altaite	$\text{PbTe}$	G	1845	Kazakhstan	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 556	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1493
Althausite	$\text{Mg}_4(\text{PO}_4)_2(\text{OH, O})(\text{F, } \square)$	A	1974-050	Norway	<i>Lithos</i> <b>8</b> (1975), 215	<i>American Mineralogist</i> <b>65</b> (1980), 488
Althupite	$\text{AlTh}(\text{UO}_2)_7(\text{PO}_4)_4\text{O}_2(\text{OH})_5 \cdot 15\text{H}_2\text{O}$	A	1986-003	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>110</b> (1987), 65	
Altisite	$\text{Na}_3\text{K}_6\text{Ti}_2\text{Al}_2\text{Si}_6\text{O}_{26}\text{Cl}_3$	A	1993-055	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>123(6)</b> (1994), 82	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 537
Alum-(K)	$\text{KAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	Rn	2007 s.p.	Italy ?	The System of Mineralogy, 7th ed., vol. II. Wiley, New York (1951), 472	<i>Mineralogical Magazine</i> <b>79</b> (2015), 157
Alum-(Na)	$\text{NaAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	Rn	2007 s.p.	?	The System of Mineralogy, 7th ed., vol. II. Wiley, New York (1951), 474	<i>Acta Crystallographica</i> <b>22</b> (1967), 182
Aluminite	$\text{Al}_2(\text{SO}_4)(\text{OH})_4 \cdot 7\text{H}_2\text{O}$	G	1805	Germany	Beiträge zu einer allgemeinen Einleitung in das Studium der Mineralogie. Berlage des Landes-Industrie-Comptoirs, Weimar (1805), 262	<i>Acta Crystallographica</i> <b>B34</b> (1978), 2407
Aluminium	Al	A	1980-085a	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 210	<i>American Mineralogist</i> <b>94</b> (2009), 1283
Aluminoceladonite	$\text{K}(\text{Mg, Fe}^{2+})\text{Al}(\text{Si}_4\text{O}_{10})(\text{OH})_2$	A	1998 s.p.	Austria / Poland	<i>Canadian Mineralogist</i> <b>36</b> (1998), 905	<i>American Mineralogist</i> <b>95</b> (2010), 348
Aluminocerite-(Ce)	$(\text{Ce, REE, Ca})_9(\text{Al, Fe}^{3+})(\text{SiO}_4)_3(\text{SiO}_3(\text{OH}))_4(\text{OH})_3$	A	2007-060	Italy	<i>American Mineralogist</i> <b>94</b> (2009), 487	
Aluminocopiapite	$(\text{Al, Mg})\text{Fe}^{3+}_4(\text{SO}_4)_6(\text{OH, O})_2 \cdot 20\text{H}_2\text{O}$	G	1947	USA	<i>University of Toronto Studies, Geological Series</i> <b>51</b> (1947), 21	<i>Canadian Mineralogist</i> <b>23</b> (1985), 53
Aluminocoquimbite	$\text{AlFe}(\text{SO}_4)_3 \cdot 9\text{H}_2\text{O}$	A	2009-095	Italy	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1465	
Aluminomagnesiophulsite	$\text{Mg}_2\text{AlO}_2(\text{BO}_3)$	Rn	2002-038	Russia	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 151	
Aluminopyracmonite	$(\text{NH}_4)_3\text{Al}(\text{SO}_4)_3$	A	2012-075	Italy	<i>Mineralogical Magazine</i> <b>77</b> (2013), 443	
Alumoåkermanite	$(\text{Ca, Na})_2(\text{Al, Mg, Fe}^{2+})(\text{Si}_2\text{O}_7)$	A	2008-049	Tanzania	<i>Mineralogical Magazine</i> <b>73</b> (2009), 373	
Alumoedtollite	$\text{K}_2\text{NaCu}_5\text{AlO}_2(\text{AsO}_4)_4$	A	2017-020	Russia	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Alumohydrocalcite	$\text{CaAl}_2(\text{CO}_3)_2(\text{OH})_4 \cdot 4\text{H}_2\text{O}$	A	1980 s.p.	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>55</b> (1926), 243	<i>American Mineralogist</i> <b>100</b> (2015), 110

Alumoklyuchevskite	$K_3Cu^{2+}_3AlO_2(SO_4)_4$	A	1993-004	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(1)</b> (1995), 95	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 499
Alumotantite	$AlTaO_4$	A	1980-025	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 338	<i>Canadian Mineralogist</i> <b>30</b> (1992), 653
Alumovesuvianite	$Ca_{19}Al(Al_{10}Mg_2)Si_{18}O_{69}(OH)_9$	A	2016-014	Canada	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Alunite	$KAl_3(SO_4)_2(OH)_6$	Rd	1987 s.p.	Italy / Ukraine	Traité Élémentaire de Minéralogie. Verdière, Paris (1824), 449	<i>American Mineralogist</i> <b>92</b> (2007), 587
Alunogen	$Al_2(SO_4)_3(H_2O)_{12} \cdot 5H_2O$	G	1832	?	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 488	<i>American Mineralogist</i> <b>61</b> (1976), 311
Alvanite	$(Zn,Ni)Al_4(VO_3)_2(OH)_{12} \cdot 2H_2O$	A	1962 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>88</b> (1959), 157	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 385
Alwilkinsite-(Y)	$Y(UO_2)_3(SO_4)_2O(OH)_3(H_2O)_7 \cdot 7H_2O$	A	2015-097	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 895	
Amakinite	$(Fe^{2+},Mg)(OH)_2$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 72	<i>Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya</i> <b>10</b> (1973), 144
Amarantite	$Fe^{3+}_2O(SO_4)_2 \cdot 7H_2O$	G	1888	Chile	<i>Vorkommnisse von Ehrenfriedersdorf, Mineralogische und Petrographische Mittheilungen</i> <b>9</b> (1888), 397	<i>Zeitschrift für Kristallographie</i> <b>127</b> (1968), 261
Amarillite	$NaFe^{3+}(SO_4)_2 \cdot 6H_2O$	G	1933	Chile	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>197</b> (1933), 1132	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 953
Amblygonite	$LiAl(PO_4)F$	G	1818	Germany	Handbuch der Mineralogie, Vol. 4b. Craz & Gerlach, Freiberg (1818), 159	
Ambrinoite	$[K,(NH_4)]_2(As,Sb)_6(Sb,As)_2S_{13} \cdot H_2O$	A	2009-071	Italy	<i>American Mineralogist</i> <b>96</b> (2011), 878	
Ameghinite	$NaB_3O_3(OH)_4$	A	1966-034	Argentina	<i>American Mineralogist</i> <b>52</b> (1967), 935	<i>American Mineralogist</i> <b>60</b> (1975), 879
Amesite	$Mg_2Al(AlSiO_5)(OH)_4$	G	1876	USA	Catalogue of minerals found within about 75 miles of Amherst College. Privately printed (1876), 4	<i>American Mineralogist</i> <b>76</b> (1991), 647
Amicite	$K_2Na_2(Al_4Si_4O_{16}) \cdot 5H_2O$	A	1979-011	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1979), 481	<i>Acta Crystallographica</i> <b>B35</b> (1979), 2866
Aminoffite	$Ca_3(BeOH)_2Si_3O_{10}$	G	1937	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>59</b> (1937), 290	<i>Canadian Mineralogist</i> <b>40</b> (2002), 915
Ammineite	$CuCl_2 \cdot 2NH_3$	A	2008-032	Chile	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1359	
Ammonioalunite	$(NH_4)Al_3(SO_4)_2(OH)_6$	A	1986-037	USA	<i>American Mineralogist</i> <b>73</b> (1988), 145	
Ammonioborite	$(NH_4)_3B_{15}O_{20}(OH)_8 \cdot 4H_2O$	G	1933	Italy	<i>American Mineralogist</i> <b>18</b> (1933), 480	<i>Science</i> <b>171</b> (1971), 377
Ammoniojarosite	$(NH_4)Fe^{3+}_3(SO_4)_2(OH)_6$	Rd	1987 s.p.	USA	<i>American Mineralogist</i> <b>12</b> (1927), 424	<i>Mineralogical Magazine</i> <b>71</b> (2007), 427
Ammonioleucite	$(NH_4,K)(AlSi_2O_6)$	A	1984-015	Japan	<i>American Mineralogist</i> <b>71</b> (1986), 1022	<i>Mineralogical Journal</i> <b>20</b> (1998), 105
Ammoniomagnesiovoltaite	$(NH_4)_2Mg_5Fe^{3+}_3Al(SO_4)_{12} \cdot 18H_2O$	A	2009-040	Hungary	<i>Canadian Mineralogist</i> <b>50</b> (2012), 65	
Ammoniovoltaite	$(NH_4)_2Fe^{2+}_5Fe^{3+}_3Al(SO_4)_{12}(H_2O)_{18}$	A	2017-022	Russia	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Amstallite	$CaAl[(Al,Si)_4O_8(OH)_2](OH)_2 \cdot (H_2O,Cl)$	A	1986-030	Austria	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 253	
Analcime	$Na(AlSi_2O_6) \cdot H_2O$	A	1997 s.p.	Italy	<i>Journal des Mines</i> <b>5</b> (1797), 278	<i>American Mineralogist</i> <b>91</b> (2006), 568
Anandite	$BaFe^{2+}_3(Si_3Fe^{3+})O_{10}S(OH)$	A	1966-005	Sri Lanka	<i>Mineralogical Magazine</i> <b>36</b> (1967), 1	<i>American Mineralogist</i> <b>94</b> (2009), 1144



Anapaite	$\text{Ca}_2\text{Fe}^{2+}(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	G	1902	Russia	<i>Sitzungsberichte der Königlich Preussischen Akademie der Wissenschaften</i> (1902), 18	<i>Bulletin de Minéralogie</i> <b>102</b> (1979), 314
Anatase	$\text{TiO}_2$	A	1962 s.p.	France	Traité de Minéralogie, Vol. 3. Louis, Paris (1801), 129	<i>Acta Crystallographica</i> <b>B47</b> (1991), 462
Anatolyite	$\text{Na}_6(\text{Ca}, \text{Na})(\text{Mg}, \text{Fe}^{3+})_3\text{Al}(\text{AsO}_4)_6$	A	2016-040	Russia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Ancylite-(Ce)	$\text{CeSr}(\text{CO}_3)_2(\text{OH}) \cdot \text{H}_2\text{O}$	A	1987 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 49	<i>Crystallography Reports</i> <b>47</b> (2002), 223
Ancylite-(La)	$\text{LaSr}(\text{CO}_3)_2(\text{OH}) \cdot \text{H}_2\text{O}$	A	1995-053	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(1)</b> (1997), 96	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 493
Andalusite	$\text{Al}_2\text{SiO}_5$	G	1798	Spain	<i>Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts</i> <b>46</b>	<i>American Mineralogist</i> <b>91</b> (2006), 319
Andersonite	$\text{Na}_2\text{Ca}(\text{UO}_2)(\text{CO}_3)_3 \cdot 6\text{H}_2\text{O}$	G	1951	USA	<i>American Mineralogist</i> <b>36</b> (1951), 1	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1496
Andorite IV	$\text{AgPbSb}_3\text{S}_6$	G	1893	Bolivia	<i>Zeitschrift für Kristallographie</i> <b>21</b> (1893), 193	<i>Journal of Mineralogical and Petrological Sciences</i> <b>107</b> (2012), 226
Andorite VI	$\text{AgPbSb}_3\text{S}_6$	G	1892	Romania	<i>Mathematikai és Természet-tudományi Értésítő</i> <b>11</b> (1892), 119	<i>Zeitschrift für Kristallographie</i> <b>180</b> (1987), 141
Andradite	$\text{Ca}_3\text{Fe}^{3+}_2(\text{SiO}_4)_3$	G	1868	Norway	A System of Mineralogy, 5th ed. Wiley, New York (1868), 268	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 59
Andreadiniite	$\text{CuHgAg}_7\text{Pb}_7\text{Sb}_{24}\text{S}_{48}$	A	2014-049	Italy	CNMNC Newsletter 22 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 1241	
Andrémeierite	$\text{BaFe}^{2+}_2(\text{Si}_2\text{O}_7)$	Rn	1972-005	Democratic Republic of the Congo	<i>Bulletin of the Geological Society of Finland</i> <b>45</b> (1973), 1	<i>American Mineralogist</i> <b>73</b> (1988), 608
Andreyivanovite	$\text{FeCrP}$	A	2006-003	Yemen (meteorite)	<i>American Mineralogist</i> <b>93</b> (2008), 1295	<i>Pramana - Journal of Physics</i> <b>63</b> (2004), 199
Andrianovite	$\text{Na}_{12}(\text{K}, \text{Sr}, \text{Ce})_3\text{Ca}_6\text{Mn}_3\text{Zr}_3\text{Nb}(\text{Si}_{25}\text{O}_{73}) (\text{O}, \text{H}_2\text{O}, \text{OH})_5$	A	2007-008	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>137(2)</b> (2008), 43	<i>Doklady Chemistry</i> <b>403</b> (2005), 148
Anduoite	$\text{RuAs}_2$	A	?	China	<i>Kexue Tongbao</i> <b>15</b> (1979), 704	<i>Canadian Mineralogist</i> <b>39</b> (2001), 591
Andychristyite	$\text{PbCu}^{2+}\text{Te}^{6+}\text{O}_5(\text{H}_2\text{O})$	A	2015-024	USA	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1055	
Andyrobertsite	$\text{KCdCu}_5(\text{AsO}_4)_4[\text{As}(\text{OH})_2\text{O}_2] \cdot 2\text{H}_2\text{O}$	A	1997-022	Namibia	<i>Mineralogical Record</i> <b>30</b> (1999), 181	<i>Canadian Mineralogist</i> <b>38</b> (2000), 817
Angarfite	$\text{NaFe}^{3+}_5(\text{PO}_4)_4(\text{OH})_4 \cdot 4\text{H}_2\text{O}$	A	2010-082	Morocco	<i>Canadian Mineralogist</i> <b>50</b> (2012), 781	
Angastonite	$\text{CaMgAl}_2(\text{PO}_4)_2(\text{OH})_4 \cdot 7\text{H}_2\text{O}$	A	2008-008	Australia	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1011	
Ángelaite	$\text{Cu}_2\text{AgPbBiS}_4$	Rn	2003-064	Argentina	<i>Revista de la Asociación Geológica Argentina</i> <b>59</b> (2004), 787	
Angelellite	$\text{Fe}^{3+}_4\text{O}_3(\text{AsO}_4)_2$	A	1962 s.p.	Argentina	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1959), 145	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>132</b> (1978), 91
Anglesite	$\text{Pb}(\text{SO}_4)$	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 459	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1053
Anhydrite	$\text{Ca}(\text{SO}_4)$	G	1804	Austria	Handbuch der Mineralogie. Siegfried Leberecht Crusius, Leipzig (1804), 209	<i>Canadian Mineralogist</i> <b>13</b> (1975), 289
Anhydrokainite	$\text{KMg}(\text{SO}_4)\text{Cl}$	Q	1912	Germany	<i>Zeitschrift für Physikalische Chemie</i> <b>80</b> (1912), 1	Dana's System of Mineralogy, 7th ed. New York (1951), 596
Anilite	$\text{Cu}_7\text{S}_4$	A	1968-030	Japan	<i>American Mineralogist</i> <b>54</b> (1969), 1256	<i>Acta Crystallographica</i> <b>B26</b> (1970), 915

Ankerite	$\text{Ca}(\text{Fe}^{2+}, \text{Mg})(\text{CO}_3)_2$	G	1825	Austria	Treatise on Mineralogy, Vol. I. Archibald Constable, Edinburgh (1825), 411	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 103
Ankinovichite	$\text{NiAl}_4(\text{V}^{5+}\text{O}_3)_2(\text{OH})_{12} \cdot 2\text{H}_2\text{O}$	A	2002-063	Kazakhstan / Kyrgyzstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(2)</b> (2004), 59	
Annabergite	$\text{Ni}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	G	1852	Germany	An Elementary Introduction to Mineralogy. Longmans, London (1852), 503	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 187
Annite	$\text{KFe}^{2+}_3(\text{AlSi}_3\text{O}_{10})(\text{OH})_2$	A	1998 s.p.	USA	A System of Mineralogy, 5th ed. Wiley, New York (1868), 308	<i>American Mineralogist</i> <b>58</b> (1973), 889
Annivite	$\text{Cu}_6[\text{Cu}_4(\text{Fe}, \text{Zn})_2](\text{Bi}, \text{Sb}, \text{As})_4\text{S}_{13}$	Q	2008 s.p.	Switzerland	<i>Mitteilungen Der Naturforschenden Gesellschaft In Bern</i> <b>317-318</b> (1854), 57	
Anorpiment	$\text{As}_2\text{S}_3$	A	2011-014	Peru	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2857	
Anorthite	$\text{Ca}(\text{Al}_2\text{Si}_2\text{O}_8)$	G	1823	Italy	<i>Annalen der Physik und Physikalischen Chemie</i> , <b>73/NF-43</b> (1823), 173	<i>Bulletin de Minéralogie</i> <b>107</b> (1984), 467
Anorthominasragrite	$\text{V}^{4+}\text{O}(\text{SO}_4) \cdot 5\text{H}_2\text{O}$	A	2001-040	USA	<i>Canadian Mineralogist</i> <b>41</b> (2003), 959	
Ansermetite	$\text{Mn}^{2+}\text{V}^{5+}_2\text{O}_6 \cdot 4\text{H}_2\text{O}$	A	2002-017	Switzerland	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1423	
Antarcticite	$\text{CaCl}_2 \cdot 6\text{H}_2\text{O}$	A	1965-015	Antarctica	<i>Science</i> <b>149</b> (1965), 975	<i>Acta Crystallographica</i> <b>C42</b> (1986), 141
Anthoinite	$\text{AlWO}_3(\text{OH})_3$	G	1947	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>70</b> (1947), B153	<i>American Mineralogist</i> <b>95</b> (2010), 639
Anthonyite	$\text{Cu}(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>48</b> (1963), 614	
Anthophyllite	$\square\text{Mg}_2\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Norway	Versuch eines Verzeichnisses der in den Dänisch-Nordischen Staaten sich findenden einfachen Mineralien. Brummer, Kopenhagen (1801), 96	<i>Zeitschrift für Kristallographie</i> <b>188</b> (1989), 237
Antigorite	$\text{Mg}_3\text{Si}_2\text{O}_5(\text{OH})_4$	Rd	1998 s.p.	Italy / Switzerland	<i>Annalen der Physik und Chemie</i> <b>19</b> (1840), 595	<i>American Mineralogist</i> <b>87</b> (2002), 1443
Antimonselite	$\text{Sb}_2\text{Se}_3$	A	1992-003	China	<i>Acta Mineralogica Sinica</i> <b>13</b> (1993), 7	
Antimony	Sb	G	1748	Sweden	<i>Svenska Vetenskaps-Akademiens Handlingar</i> <b>9</b> (1748), 99	<i>Acta Crystallographica</i> <b>16</b> (1963), 451
Antipinite	$\text{KNa}_3\text{Cu}_2(\text{C}_2\text{O}_4)_4$	A	2014-027	Chile	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1111	
Antlerite	$\text{Cu}^{2+}_3(\text{SO}_4)(\text{OH})_4$	A	1968 s.p.	USA	<i>Bulletin of the United States Geological Survey</i> <b>55</b> (1889), 48	<i>Canadian Mineralogist</i> <b>27</b> (1989), 205
Anyuiite	$\text{AuPb}_2$	A	1987-053	Russia	<i>Mineralogicheskii Zhurnal</i> <b>11</b> (1989), 88	
Anzaitite-(Ce)	$\text{Ce}_4\text{Fe}^{2+}\text{Ti}_6\text{O}_{18}(\text{OH})_2$	A	2013-004	Russia	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1231	
Apachite	$\text{Cu}^{2+}_9\text{Si}_{10}\text{O}_{29} \cdot 11\text{H}_2\text{O}$	A	1979-022	USA	<i>Mineralogical Magazine</i> <b>43</b> (1980), 639	
Apexite	$\text{NaMg}(\text{PO}_4) \cdot 9\text{H}_2\text{O}$	A	2015-002	USA	<i>American Mineralogist</i> <b>100</b> (2015), 2695	
Aphthitalite	$\text{K}_3\text{Na}(\text{SO}_4)_2$	G	1835	Italy	Treatise on Mineralogy, 2nd part, Vol. 1. Howe / Herrick and Noyes, New Haven (1835), 36	<i>Acta Crystallographica</i> <b>B36</b> (1980), 919
Apjohnite	$\text{Mn}^{2+}\text{Al}_2(\text{SO}_4)_4 \cdot 22\text{H}_2\text{O}$	G	1847	South Africa	Generum et Specierum Mineralium, Secundum Ordines Naturales Digestorum Synopsis. Anton, Halle (1847), 298	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 463
Aplowite	$\text{Co}(\text{SO}_4) \cdot 4\text{H}_2\text{O}$	A	1963-009	Canada	<i>Canadian Mineralogist</i> <b>8</b> (1965), 166	<i>Acta Crystallographica</i> <b>C48</b> (1992), 776
Apuanite	$(\text{Fe}^{2+}\text{Fe}^{3+}_2)(\text{Fe}^{3+}_2\text{Sb}^{3+}_4)\text{O}_{12}\text{S}$	A	1978-069	Italy	<i>American Mineralogist</i> <b>64</b> (1979), 1230	<i>American Mineralogist</i> <b>66</b> (1981), 1073

Aqualite	$(\text{H}_3\text{O})_8(\text{Na},\text{K},\text{Sr})_5\text{Ca}_6\text{Zr}_3\text{Si}_{26}\text{O}_{66}(\text{OH})_9\text{Cl}$	A	2002-066	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(2)</b> (2007), 39	
Aradite	$\text{BaCa}_6[(\text{SiO}_4)(\text{VO}_4)](\text{VO}_4)_2\text{F}$	Rd	2013-047	Israel	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1073	
Aragonite	$\text{Ca}(\text{CO}_3)$	G	1791	Spain	<i>Bulletin des Science, par la Société Philomathique</i> <b>2</b> (1791), 67	<i>Canadian Mineralogist</i> <b>47</b> (2009), 1245
Arakiite	$\text{ZnMn}^{2+}_{12}\text{Fe}^{3+}_2(\text{As}^{3+}\text{O}_3)(\text{As}^{5+}\text{O}_4)_2(\text{OH})_{23}$	A	1998-062	Sweden	<i>Mineralogical Record</i> <b>31</b> (2000), 253	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1471
Aramayoite	$\text{Ag}_3\text{Sb}_2(\text{Bi},\text{Sb})\text{S}_6$	G	1926	Bolivia	<i>Mineralogical Magazine</i> <b>21</b> (1926), 156	<i>American Mineralogist</i> <b>87</b> (2002), 753
Arangasite	$\text{Al}_2(\text{SO}_4)(\text{PO}_4)\text{F}\cdot 9\text{H}_2\text{O}$	A	2012-018	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>142(5)</b> (2013), 21	<i>Mineralogical Magazine</i> <b>78</b> (2014), 889
Arapovite	$(\text{K}_{1-x}\square_x)(\text{Ca},\text{Na})_2\text{U}^{4+}\text{Si}_8\text{O}_{20}$ [ $x \approx 0.5$ ]	A	2003-046	Tajikistan	<i>New Data on Minerals</i> <b>39</b> (2004), 14	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1005
Aravaipaite	$\text{Pb}_3\text{AlF}_9\cdot\text{H}_2\text{O}$	A	1988-021	USA	<i>American Mineralogist</i> <b>74</b> (1989), 927	<i>American Mineralogist</i> <b>96</b> (2011), 402
Arcanite	$\text{K}_2(\text{SO}_4)$	G	1845	USA	Handbuch der bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 487	<i>Acta Crystallographica</i> <b>B28</b> (1972), 2845
Archerite	$\text{H}_2\text{K}(\text{PO}_4)$	A	1975-008	Australia	<i>Mineralogical Magazine</i> <b>41</b> (1977), 33	<i>Journal of the Physical Society of Japan</i> <b>60</b> (1991), 2673
Arctite	$(\text{Na}_5\text{Ca})\text{Ca}_6\text{Ba}(\text{PO}_4)_6\text{F}_3$	A	1980-049	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 506	<i>Doklady Akademii Nauk SSSR</i> <b>274</b> (1984), 78
Arcubisite	$\text{Ag}_6\text{CuBiS}_4$	A	1973-009	Denmark (Greenland)	<i>Lithos</i> <b>9</b> (1976), 253	
Ardaite	$\text{Pb}_{17}\text{Sb}_{15}\text{S}_{35}\text{Cl}_9$	A	1979-073	Bulgaria	<i>Mineralogical Magazine</i> <b>46</b> (1982), 357	<i>Canadian Mineralogist</i> <b>19</b> (1981), 419
Ardealite	$\text{Ca}_2(\text{PO}_3\text{OH})(\text{SO}_4)\cdot 4\text{H}_2\text{O}$	G	1932	Romania	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> <b>2</b> (1932), 40	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 461
Ardennite-(As)	$\text{Mn}^{2+}_4\text{Al}_4(\text{AlMg})(\text{AsO}_4)(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})(\text{OH})_6$	Rn	2007 s.p.	Belgium	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1872), 930	<i>Mineralogical Magazine</i> <b>74</b> (2010), 55
Ardennite-(V)	$\text{Mn}^{2+}_4\text{Al}_4(\text{AlMg})(\text{VO}_4)(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})(\text{OH})_6$	A	2005-037	Italy	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 581	
Arfvedsonite	$\text{NaNa}_2(\text{Fe}^{2+}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Denmark (Greenland)	<i>Annals of Philosophy</i> <b>5</b> (1823), 381	<i>Canadian Mineralogist</i> <b>14</b> (1976), 346
Argandite	$\text{Mn}_7(\text{VO}_4)_2(\text{OH})_8$	A	2010-021	Switzerland	<i>American Mineralogist</i> <b>96</b> (2011), 1894	
Argentobaumhauerite	$\text{Ag}_{1.5}\text{Pb}_{22}\text{As}_{33.5}\text{S}_{72}$	Rn	2015 s.p.	Switzerland	<i>American Mineralogist</i> <b>75</b> (1990), 915	<i>Mineralogical Magazine</i> <b>80</b> (2016), 819
Argentodufrenoyite	$\text{Ag}_3\text{Pb}_{26}\text{As}_{35}\text{S}_{80}$	A	2016-046	Switzerland	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Argentojarosite	$\text{AgFe}^{3+}_3(\text{SO}_4)_2(\text{OH})_6$	Rd	1987 s.p.	USA	<i>American Journal of Science</i> <b>6</b> (1923), 73	<i>Canadian Mineralogist</i> <b>41</b> (2003), 921
Argentoliveingite	$\text{Ag}_x\text{Pb}_{40-2x}\text{As}_{48+x}\text{S}_{112}$ ( $3 < x < 4$ )	A	2016-029	Switzerland	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Argentopentlandite	$\text{Ag}(\text{Fe},\text{Ni})_8\text{S}_8$	A	1970-047	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 688	<i>Canadian Mineralogist</i> <b>12</b> (1973), 169
Argentopyrite	$\text{AgFe}_2\text{S}_3$	G	1866	Czech Republic	<i>Nachrichten von der K. Gesellschaft der Wissenschaften</i> (1866), 66	<i>American Mineralogist</i> <b>94</b> (2009), 1727
Argentotennantite	$\text{Ag}_6[\text{Cu}_4(\text{Fe},\text{Zn})_2]\text{As}_4\text{S}_{13}$	A	1985-026	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>290</b> (1986), 206	<i>Mineralogical Magazine</i> <b>53</b> (1989), 293

Argentotetrahedrite	$\text{Ag}_6\text{Cu}_4(\text{Fe},\text{Zn})_2\text{Sb}_4\text{S}_{13}$	A	2016-093	Canada	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Argesite	$(\text{NH}_4)_7\text{Bi}_3\text{Cl}_{16}$	A	2011-072	Italy	<i>American Mineralogist</i> <b>97</b> (2012), 1446	
Argutite	$\text{GeO}_2$	A	1980-067	France	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>31</b> (1983), 97	<i>Physics and Chemistry of Minerals</i> <b>27</b> (2000), 575
Argyrodite	$\text{Ag}_8\text{GeS}_6$	G	1886	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> <b>2</b> (1886), 67	<i>Acta Crystallographica</i> <b>B55</b> (1999), 721
Arhbarite	$\text{Cu}_2\text{Mg}(\text{AsO}_4)(\text{OH})_3$	Rd	1981-044	Morocco	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1982), 529	<i>Mineralogical Magazine</i> <b>67</b> (2003), 1099
Ariegilatite	$\text{BaCa}_{12}(\text{SiO}_4)_4(\text{PO}_4)_2\text{F}_2\text{O}$	A	2016-100	Israel	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Arisite-(Ce)	$\text{NaCe}_2(\text{CO}_3)_2[\text{F}_{2x}(\text{CO}_3)_{1-x}]\text{F}$	A	2009-013	Canada / Namibia	<i>Canadian Mineralogist</i> <b>48</b> (2010), 661	<i>Mineralogical Magazine</i> <b>74</b> (2010), 257
Arisite-(La)	$\text{NaLa}_2(\text{CO}_3)_2[\text{F}_{2x}(\text{CO}_3)_{1-x}]\text{F}$	A	2009-019	Namibia	<i>Mineralogical Magazine</i> <b>74</b> (2010), 257	
Aristarainite	$\text{Na}_2\text{Mg}[\text{B}_6\text{O}_8(\text{OH})_4]_2 \cdot 4\text{H}_2\text{O}$	A	1973-029	Argentina	<i>American Mineralogist</i> <b>59</b> (1974), 647	<i>American Mineralogist</i> <b>62</b> (1977), 979
Armalcolite	$(\text{Mg},\text{Fe}^{2+})\text{Ti}_2\text{O}_5$	Rd	1970-006	Moon	<i>Geochimica et Cosmochimica Acta</i> <b>34</b> , suppl.1 (1970), 55	<i>American Mineralogist</i> <b>80</b> (1995), 810
Armangite	$\text{Mn}^{2+}_{26}[\text{As}^{3+}_6(\text{OH})_4\text{O}_{14}][\text{As}^{3+}_6\text{O}_{18}]_2(\text{CO}_3)$	G	1920	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>42</b> (1920), 301	<i>American Mineralogist</i> <b>64</b> (1979), 748
Armbrusterite	$\text{Na}_6\text{K}_5\text{Mn}^{3+}\text{Mn}^{2+}_{14}(\text{Si}_9\text{O}_{22})_4(\text{OH})_{10} \cdot 4\text{H}_2\text{O}$	A	2005-035	Russia	<i>American Mineralogist</i> <b>92</b> (2007), 416	
Armenite	$\text{BaCa}_2(\text{Al}_6\text{Si}_9)\text{O}_{30} \cdot 2\text{H}_2\text{O}$	G	1939	Norway	<i>Norsk Geologisk Tidsskrift</i> <b>19</b> (1939), 312	<i>American Mineralogist</i> <b>77</b> (1992), 422
Armstrongite	$\text{CaZr}(\text{Si}_6\text{O}_{15}) \cdot 2\text{H}_2\text{O}$	A	1972-018	Mongolia	<i>Doklady Akademii Nauk SSSR</i> <b>209</b> (1973), 1185	<i>American Mineralogist</i> <b>99</b> (2014), 2424
Arrojadite-(BaFe)	$\text{BaFe}^{2+}(\text{CaNa}_2)\text{Fe}^{2+}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})(\text{OH})_2$	Rn	1994-033	Italy	<i>Canadian Mineralogist</i> <b>34</b> (1996), 827	
Arrojadite-(BaNa)	$\text{BaNa}_3(\text{NaCa})\text{Fe}^{2+}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})(\text{OH})_2$	A	2014-071	Italy	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1021	
Arrojadite-(KFe)	$(\text{KNa})\text{Fe}^{2+}(\text{CaNa}_2)\text{Fe}^{2+}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})(\text{OH})_2$	Rn	2005 s.p.	Brazil	<i>Publicação da Inspectoria de Obras Contra as Seccas, Rio de Janeiro</i> <b>58</b> (1925), 119	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1733
Arrojadite-(KNa)	$\text{KNa}_3(\text{CaNa}_2)\text{Fe}^{2+}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})(\text{OH})_2$	A	2005-047	Canada	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Arrojadite-(PbFe)	$\text{PbFe}^{2+}(\text{CaNa}_2)\text{Fe}^{2+}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})(\text{OH})_2$	A	2005-056	Brazil	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Arrojadite-(SrFe)	$\text{SrFe}^{2+}(\text{CaNa}_2)\text{Fe}^{2+}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})(\text{OH})_2$	A	2005-032	Sweden	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Arsenatotitanite	$\text{NaTi}(\text{AsO}_4)\text{O}$	A	2016-015	Russia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Arsenbrackebuschite	$\text{Pb}_2(\text{Fe}^{3+},\text{Zn})(\text{AsO}_4)_2(\text{OH},\text{H}_2\text{O})$	A	1977-014	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1978), 193	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>25</b> (1978), 153
Arsendescloizite	$\text{PbZn}(\text{AsO}_4)(\text{OH})$	A	1979-030	Namibia	<i>Mineralogical Record</i> <b>13</b> (1982), 155	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2003), 374
Arsenic	As	G	?	unknown	original paper?	<i>Journal of Applied Crystallography</i> <b>2</b> (1969), 30
Arseniopleite	$(\text{Ca},\text{Na})\text{NaMn}^{2+}(\text{Mn}^{2+},\text{Mg},\text{Fe}^{2+})_2(\text{AsO}_4)_3$	A	1967 s.p.	Sweden	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> <b>2</b> (1888), 117	<i>Canadian Mineralogist</i> <b>41</b> (2003), 71
Arsenosiderite	$\text{Ca}_2\text{Fe}^{3+}_3\text{O}_2(\text{AsO}_4)_3 \cdot 3\text{H}_2\text{O}$	G	1842	France	<i>Annales des Mines</i> <b>2</b> (1842), 343	<i>American Mineralogist</i> <b>59</b> (1974), 48

Arsenmarcobaldite	$Pb_{12}(As_{3.2}Sb_{2.8})_{\Sigma 6}S_{21}$	A	2016-045	Italy	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Arsenmedaite	$Mn^{2+}_6As^{5+}_5Si_5O_{18}(OH)$	A	2016-099	Italy	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Arsenoclasite	$Mn^{2+}_5(AsO_4)_2(OH)_4$	G	1931	Sweden	<i>Kungliga Svenska Vetenskapsakademiens Handlingar</i> <b>9(5)</b> (1931), 52	<i>American Mineralogist</i> <b>56</b> (1971), 1539
Arsenocrandallite	$CaAl_3(AsO_4)(AsO_3OH)(OH)_6$	A	1980-060	Germany	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>61</b> (1981), 23	<i>Mineralogical Magazine</i> <b>74</b> (2010), 919
Arsenoflorencite-(Ce)	$CeAl_3(AsO_4)_2(OH)_6$	A	1985-053	Australia	<i>Mineralogical Magazine</i> <b>51</b> (1987), 605	
Arsenoflorencite-(La)	$LaAl_3(AsO_4)_2(OH)_6$	A	2009-078	Russia	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 613	
Arsenogorceixite	$BaAl_3(AsO_4)(AsO_3OH)(OH)_6$	A	1989-055	Germany	<i>Aufschluss</i> <b>44</b> (1993), 250	<i>Mineralogical Magazine</i> <b>74</b> (2010), 919
Arsenogoyazite	$SrAl_3(AsO_4)(AsO_3OH)(OH)_6$	A	1983-043	Germany	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>64</b> (1984), 11	<i>Mineralogical Magazine</i> <b>74</b> (2010), 919
Arsenohauchecornite	$Ni_{18}Bi_3AsS_{16}$	A	1978 s.p.	Canada	<i>Mineralogical Magazine</i> <b>43</b> (1980), 877	<i>Canadian Mineralogist</i> <b>27</b> (1989), 137
Arsenohopeite	$Zn_3(AsO_4)_2 \cdot 4H_2O$	A	2010-069	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 603	
Arsenolamprite	As	G	1886	Germany	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>11</b> (1886), 606	<i>Journal of Physical Chemistry A</i> <b>113</b> (2009), 736
Arsenolite	$As_2O_3$	G	1854	Germany	A System of Mineralogy, 4th ed. Vol. 2. Putnam, New York (1854), 139	<i>Journal of Physical Chemistry A</i> <b>113</b> (2009), 736
Arsenopalladinite	$Pd_8As_3$	Rd	1973-002a	Brazil	An Index of Mineral Species and Varieties Arranged Chemically. British Museum, London (1955), 23	<i>Canadian Mineralogist</i> <b>15</b> (1977), 70
Arsenopyrite	FeAsS	A	1962 s.p.	?	Generum et Specierum Mineralium, Secundum Ordines Naturales Digestorum Synopsis. Anton, Halle (1847), 34	<i>Zeitschrift für Kristallographie</i> <b>179</b> (1987), 335
Arsenovanmeersscheite	$U(UO_2)_3(AsO_4)_2(OH)_6 \cdot 4H_2O$	A	2006-018	Germany	<i>Aufschluss</i> <b>58</b> (2007), 159	
Arsenowagnerite	$Mg_2(AsO_4)F$	A	2014-100	Russia	CNMNC Newsletter 24 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 247	
Arsenquatradorite	$Ag_{17.6}Pb_{12.8}Sb_{38.1}As_{11.5}S_{96}$	A	2012-087	Iran	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Arsentsumebite	$Pb_2Cu(AsO_4)(SO_4)(OH)$	G	1935 ?	Namibia	<i>Bulletin de la Société Française de Minéralogie</i> <b>58</b> (1935), 4	<i>Mineralogy and Petrology</i> <b>75</b> (2002), 79
Arsenuranospathite	$Al(UO_2)_2(AsO_4)_2F \cdot 20H_2O$	A	1982 s.p.?	Germany	<i>Mineralogical Magazine</i> <b>42</b> (1978), 117	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 589
Arsenuranylite	$Ca(UO_2)_4(AsO_4)_2(OH)_4 \cdot 6H_2O$	G	1958	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>87</b> (1958), 598	
Arsiccioite	$AgHg_2TlAs_2S_6$	A	2013-058	Italy	<i>Mineralogical Magazine</i> <b>78</b> (2014), 101	
Arsmirandite	$Na_{18}Cu_{12}Fe^{3+}O_8(AsO_4)_8Cl_5$	A	2014-081	Russia	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	
Arthurite	$CuFe^{3+}_2(AsO_4)_2(OH)_2 \cdot 4H_2O$	A	1964-002	United Kingdom	<i>Mineralogical Magazine</i> <b>33</b> (1964), 937	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>133</b> (1978), 291

Artinite	$Mg_2(CO_3)(OH)_2 \cdot 3H_2O$	G	1902	Italy	<i>Rendiconti del Regio Istituto Lombardo di Scienze e Lettere, Serie II</i> <b>35</b> (1902), 869	<i>Acta Crystallographica</i> <b>B33</b> (1977), 3951
Artroeite	$PbAlF_3(OH)_2$	A	1993-031	USA	<i>American Mineralogist</i> <b>80</b> (1995), 179	
Artsmithite	$Hg^{1+}_4Al(PO_4)_{1.74}(OH)_{1.78}$	A	2002-039	USA	<i>Canadian Mineralogist</i> <b>41</b> (2003), 721	
Arupite	$Ni_3(PO_4)_2 \cdot 8H_2O$	A	1988-008	Brazil	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 76	
Arzrunite	$Pb_2Cu_4(SO_4)(OH)_4Cl_6 \cdot 2H_2O$	Q	1899	Chile	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>31</b> (1899), 230	
Asbecasite	$Ca_3TiAs_6Be_2Si_2O_{20}$	A	1965-037	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>46</b> (1966), 367	<i>Mineralogical Magazine</i> <b>57</b> (1993), 315
Asbolane	$Mn^{4+}(O,OH)_2 \cdot (Co,Ni,Mg,Ca)_x(OH)_{2x} \cdot nH_2O$	G	1841	?	Vollständiges Handbuch der Mineralogie Vol. 2. Arnoldische, Dresden und Leipzig (1841), 332	<i>Doklady Akademii Nauk, Earth Science Section</i> <b>345</b> (1996), 230
Aschamalmite	$Pb_{6-3x}Bi_{2+x}S_9$	A	1982-089	Austria	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 433	<i>Mineralogical Magazine</i> <b>73</b> (2009), 83
Ashburtonite	$HCu_4Pb_4Si_4O_{12}(HCO_3)_4(OH)_4Cl$	A	1990-033	Australia	<i>American Mineralogist</i> <b>76</b> (1991), 1701	
Ashcroftine-(Y)	$K_5Na_5Y_{12}Si_{28}O_{70}(OH)_2(CO_3)_8 \cdot 8H_2O$	A	1967 s.p.	Denmark (Greenland)	<i>Mineralogical Magazine</i> <b>23</b> (1933), 305	<i>American Mineralogist</i> <b>72</b> (1987), 1176
Ashoverite	$Zn(OH)_2$	A	1986-008	United Kingdom	<i>Mineralogical Magazine</i> <b>52</b> (1988), 699	
Asisite	$Pb_7SiO_8Cl_2$	A	1987-003	Namibia	<i>American Mineralogist</i> <b>73</b> (1988), 643	<i>Mineralogical Magazine</i> <b>68</b> (2004), 247
Åskagenite-(Nd)	$Mn^{2+}NdAl_2Fe^{3+}(Si_2O_7)(SiO_4)O_2$	A	2009-073	Sweden	<i>New Data on Minerals</i> <b>45</b> (2010), 17	
Aspedamite	$\square_{12}(Fe^{3+},Fe^{2+})_3Nb_4[Th(Nb,Fe^{3+})_{12}O_{42}][H_2O]_1(OH)_{12}$	A	2011-056	Norway	<i>Canadian Mineralogist</i> <b>50</b> (2012), 793	
Aspidolite	$NaMg_3(Si_3Al)O_{10}(OH)_2$	Rd	2004-049	Japan	<i>Sitzungsberichte der Königlich Bayerische Akademie der Wissenschaften zu München</i> (1869), 364	<i>Mineralogical Magazine</i> <b>69</b> (2005), 1047
Asselbornite	$Pb(UO_2)_4(BiO)_3(AsO_4)_2(OH)_7 \cdot 4H_2O$	A	1980-087	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 417	
Astrocyanite-(Ce)	$Cu_2Ce_2(UO_2)(CO_3)_5(OH)_2 \cdot 1.5H_2O$	A	1989-032	Democratic Republic of the Congo	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 407	
Astrophyllite	$K_2NaFe^{2+}_7Ti_2Si_8O_{26}(OH)_4F$	G	1848	Norway	<i>Archiv für Mineralogie, Geognosie, Bergbau und Hüttenkunde</i> <b>22</b> (1848), 465	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 253
Atacamite	$Cu_2Cl(OH)_3$	G	1803	Chile	Manuel D'Histoire Naturelle, Vol. 2. Soulange Artaud, Paris (1803), 348	<i>Acta Crystallographica</i> <b>C42</b> (1986), 1277
Atelestite	$Bi_2O(AsO_4)(OH)$	G	1832	Germany	Vollständige Charakteristik des Mineral-System's. Arnoldische, Dresden und Leipzig (1832), 307	<i>Canadian Mineralogist</i> <b>7</b> (1963), 547
Atelisite-(Y)	$Y_4Si_3O_8(OH)_8$	A	2010-065	Norway	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 1053	
Atencioite	$Ca_2Fe^{2+}_3Mg_2Be_4(PO_4)_6(OH)_4 \cdot 6H_2O$	A	2004-041	Brazil	<i>New Data on Minerals</i> <b>41</b> (2006), 18	
Athabascaite	$Cu_5Se_4$	A	1969-022	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1970), 207	
Atheneite	$Pd_2(As_{0.75}Hg_{0.25})$	A	1973-050	Brazil	<i>Mineralogical Magazine</i> <b>39</b> (1974), 528	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1149

Atlasovite	$\text{Cu}^{2+}_6\text{Fe}^{3+}\text{Bi}^{3+}\text{O}_4(\text{SO}_4)_5\cdot\text{KCl}$	A	1986-029	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 358	
Atokite	$\text{Pd}_3\text{Sn}$	A	1974-041	South Africa	<i>Canadian Mineralogist</i> <b>13</b> (1975), 146	
Attakolite	$\text{CaMn}^{2+}\text{Al}_4(\text{HSiO}_4)(\text{PO}_4)_3(\text{OH})_4$	Rd	1992 s.p.	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>25</b> (1868), 197	<i>American Mineralogist</i> <b>77</b> (1992), 1285
Attikaite	$\text{Ca}_3\text{Cu}_2\text{Al}_2(\text{AsO}_4)_4(\text{OH})_4\cdot 2\text{H}_2\text{O}$	A	2006-017	Greece	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(2)</b> (2007), 17	
Aubertite	$\text{Cu}^{2+}\text{Al}(\text{SO}_4)_2\text{Cl}\cdot 14\text{H}_2\text{O}$	A	1978-051	Chile	<i>Bulletin de Minéralogie</i> <b>102</b> (1979), 348	<i>Acta Crystallographica</i> <b>B35</b> (1979), 2499
Augelite	$\text{Al}_2(\text{PO}_4)(\text{OH})_3$	G	1868	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>25</b> (1868), 197	<i>American Mineralogist</i> <b>53</b> (1968), 1096
Augite	$(\text{Ca},\text{Mg},\text{Fe})_2\text{Si}_2\text{O}_6$	A	1988 s.p.	?	<i>Bergmannisches Journal</i> <b>1</b> (1792), 215	<i>Mineralogical Society of America Special Paper</i> <b>2</b> (1969), 31
Auriacusite	$\text{Fe}^{3+}\text{Cu}^{2+}(\text{AsO}_4)\text{O}$	A	2009-037	USA	<i>Mineralogy and Petrology</i> <b>99</b> (2010), 113	
Aurichalcite	$(\text{Zn},\text{Cu})_5(\text{CO}_3)_2(\text{OH})_6$	G	1839	Russia	<i>Annalen der Physik und Chemie</i> <b>48</b> (1839), 495	<i>Journal of Mineralogy and Geochemistry</i> <b>191</b> (2014), 225
Auricupride	$\text{Cu}_3\text{Au}$	G	1950	Russia	<i>Fortschritte der Mineralogie</i> <b>28</b> (1950), 69	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 540
Aurihydrargyrumite	$\text{Au}_6\text{Hg}_5$	A	2017-003	Japan	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Aurivilliusite	$\text{Hg}^{1+}\text{Hg}^{2+}\text{OI}$	A	2002-022	USA	<i>Mineralogical Magazine</i> <b>68</b> (2004), 241	<i>Acta Crystallographica</i> <b>C41</b> (1985), 167
Aurorite	$(\text{Mn}^{2+},\text{Ag},\text{Ca})\text{Mn}^{4+}_3\text{O}_7\cdot 3\text{H}_2\text{O}$	A	1966-031	USA	<i>Economic Geology</i> <b>62</b> (1967), 186	
Aurostibite	$\text{AuSb}_2$	G	1952	Canada	<i>American Mineralogist</i> <b>37</b> (1952), 461	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 537
Austinite	$\text{CaZn}(\text{AsO}_4)(\text{OH})$	G	1935	USA	<i>American Mineralogist</i> <b>20</b> (1935), 112	<i>Mineralogical Magazine</i> <b>61</b> (1997), 677
Autunite	$\text{Ca}(\text{UO}_2)_2(\text{PO}_4)_2\cdot 10\text{-}12\text{H}_2\text{O}$	G	1852	France	Introduction to Mineralogy by Wm. Phillips, London (1852), 519	<i>American Mineralogist</i> <b>88</b> (2003), 240
Avdoninite	$\text{K}_2\text{Cu}_5\text{Cl}_8(\text{OH})_4\cdot 2\text{H}_2\text{O}$	A	2005-046a	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(3)</b> (2006), 38	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>144(3)</b> (2015), 55
Averievite	$\text{Cu}_5\text{O}_2(\text{VO}_4)_2\cdot \text{CuCl}_2$	A	1995-027	Russia	<i>Doklady Rossiiskoi Akademii Nauk</i> <b>359</b> (1998), 804	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>144(4)</b> (2015), 101
Avicennite	$\text{Ti}_2\text{O}_3$	G	1958	Uzbekistan	<i>Doklady Akademii Nauk Uzbekistan SSR</i> <b>2</b> (1958), 23	<i>Physica C</i> <b>215</b> (1993), 205
Avogadrite	$\text{KBF}_4$	G	1926	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Serie VI</i> <b>3</b> (1926), 644	<i>Acta Crystallographica</i> <b>B25</b> (1969), 2161
Awaruite	$\text{Ni}_3\text{Fe}$	G	1885	New Zealand	<i>Transactions and Proceedings of the New Zealand Institute</i> <b>18</b> (1885), 401	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Axelite	$\text{Na}_{14}\text{Cu}_7(\text{AsO}_4)_8\text{F}_2\text{Cl}_2$	A	2017-015a	Russia	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Axinite-(Fe)	$\text{Ca}_4\text{Fe}^{2+}_2\text{Al}_4[\text{B}_2\text{Si}_8\text{O}_{30}](\text{OH})_2$	Rn	1968 s.p.	France	<i>U.S. Geological Survey Bulletin</i> <b>490</b> (1911), 37	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1159
Axinite-(Mg)	$\text{Ca}_4\text{Mg}_2\text{Al}_4[\text{B}_2\text{Si}_8\text{O}_{30}](\text{OH})_2$	Rn	1975-025	Tanzania	<i>Journal of Gemmology</i> <b>14</b> (1975), 368	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 1185

Axinite-(Mn)	$\text{Ca}_4\text{Mn}^{2+}\text{Al}_4[\text{B}_2\text{Si}_8\text{O}_{30}](\text{OH})_2$	Rn	2004 s.p.	Germany	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>28</b> (1909), 305	<i>American Mineralogist</i> <b>89</b> (2004), 1763
Azoproite	$\text{Mg}_2[(\text{Ti},\text{Mg}),\text{Fe}^{3+}]_2\text{O}_2(\text{BO}_3)$	A	1970-021	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>99</b> (1970), 225	<i>Mineralogy and Petrology</i> <b>111</b> (2017), 643
Azurite	$\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$	G	1824	France	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 373	<i>Physics and Chemistry of Minerals</i> <b>28</b> (2001), 498
Babánekite	$\text{Cu}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	A	2012-007	Czech Republic	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Babefphite	$\text{BaBe}(\text{PO}_4)\text{F}$	A	1966-003	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>167</b> (1966), 895	<i>Soviet Physics - Crystallography</i> <b>25</b> (1980), 28
Babingtonite	$\text{Ca}_2\text{Fe}^{2+}\text{Fe}^{3+}\text{Si}_5\text{O}_{14}(\text{OH})$	G	1824	Norway	<i>Annals of Philosophy</i> <b>7</b> (1824), 275	<i>Zeitschrift für Kristallographie</i> <b>135</b> (1972), 355
Babkinite	$\text{Pb}_2\text{Bi}_2(\text{S},\text{Se})_3$	A	1994-030	Russia	<i>Doklady Akademii Nauk</i> <b>346</b> (1996), 656	
Backite	$\text{Pb}_2\text{AlTeO}_6\text{Cl}$	A	2013-113	USA	<i>Canadian Mineralogist</i> <b>52</b> (2014), 935	
Badalovite	$\text{Na}_2\text{Mg}_2\text{Fe}^{3+}(\text{AsO}_4)_3$	A	2016-053	Russia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Baddeleyite	$\text{ZrO}_2$	G	1893	Sri Lanka	<i>Mineralogical Magazine</i> <b>10</b> (1893), 148	<i>Acta Crystallographica</i> <b>B44</b> (1988), 116
Bafertisite	$\text{Ba}_2\text{Fe}^{2+}_4\text{Ti}_2(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2\text{F}_2$	Rd	2016 s.p.	China	<i>Science Record (Beijing)</i> <b>3</b> (1959), 652	<i>Canadian Mineralogist</i> <b>54</b> (2016), 49
Baghdadite	$\text{Ca}_6\text{Zr}_2(\text{Si}_2\text{O}_7)_2\text{O}_4$	A	1982-075	Iraq	<i>Mineralogical Magazine</i> <b>50</b> (1986), 119	<i>Periodico di Mineralogia</i> <b>79(3)</b> (2010), 1
Bahianite	$\text{Al}_5\text{Sb}^{5+}_3\text{O}_{14}(\text{OH})_2$	A	1974-027	Brazil	<i>Mineralogical Magazine</i> <b>42</b> (1978), 179	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>126</b> (1976), 113
Baileychlore	$(\text{Zn},\text{Fe}^{2+},\text{Al},\text{Mg})_6(\text{Si},\text{Al})_4\text{O}_{10}(\text{OH})_8$	A	1986-056	Australia	<i>American Mineralogist</i> <b>73</b> (1988), 135	
Bairdite	$\text{Pb}_2\text{Cu}^{2+}_4\text{Te}^{6+}_2\text{O}_{10}(\text{OH})_2(\text{SO}_4) \cdot \text{H}_2\text{O}$	A	2012-061	USA	<i>American Mineralogist</i> <b>98</b> (2013), 1315	
Bakhchisaraitsevite	$\text{Na}_2\text{Mg}_5(\text{PO}_4)_4 \cdot 7\text{H}_2\text{O}$	A	1999-005	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 402	<i>Canadian Mineralogist</i> <b>38</b> (2000), 831
Baksanite	$\text{Bi}_6\text{Te}_2\text{S}_3$	A	1992-042	Russia	<i>Doklady Akademii Nauk</i> <b>347</b> (1996), 787	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1475
Balangeroite	$\text{Mg}_{21}\text{Si}_8\text{O}_{27}(\text{OH})_{20}$	A	1982-002	Italy	<i>American Mineralogist</i> <b>68</b> (1983), 214	<i>Zeitschrift für Kristallographie</i> <b>227</b> (2012), 460
Balestraitite	$\text{KLi}_2\text{V}^{5+}\text{Si}_4\text{O}_{12}$	A	2013-080	Italy	<i>American Mineralogist</i> <b>100</b> (2015), 608	
Baličžuničite	$\text{Bi}_2\text{O}(\text{SO}_4)_2$	A	2012-098	Italy	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1043	<i>Mineralogical Magazine</i> <b>79</b> (2015), 597
Balipholite	$\text{LiBaMg}_2\text{Al}_3(\text{Si}_2\text{O}_6)_2(\text{OH})_8$	A ?	?	China	<i>Scientia Geologica Sinica</i> <b>1</b> (1975), 100	<i>Ti Chih K'o Hsueh</i> (1977), 65
Balkanite	$\text{Ag}_5\text{Cu}_9\text{HgS}_8$	A	1971-009	Bulgaria	<i>American Mineralogist</i> <b>58</b> (1973), 11	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 279
Balliranoite	$(\text{Na},\text{K})_6\text{Ca}_2(\text{Si}_6\text{Al}_6\text{O}_{24})\text{Cl}_2(\text{CO}_3)$	A	2008-065	Italy	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 113	
Balyakinite	$\text{Cu}^{2+}(\text{Te}^{4+}\text{O}_3)$	A	1980-001	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>253</b> (1980), 1448	<i>Acta Chemica Scandinavica</i> <b>26</b> (1972), 1423
Bambollaite	$\text{Cu}(\text{Se},\text{Te})_2$	A	1965-014	Mexico	<i>Canadian Mineralogist</i> <b>11</b> (1972), 738	
Bamfordite	$\text{Fe}^{3+}\text{Mo}_2\text{O}_6(\text{OH})_3 \cdot \text{H}_2\text{O}$	A	1996-059	Australia	<i>American Mineralogist</i> <b>83</b> (1998), 172	
Banalsite	$\text{Na}_2\text{BaAl}_4\text{Si}_4\text{O}_{16}$	G	1944	United Kingdom	<i>Mineralogical Magazine</i> <b>27</b> (1944), 33	<i>Canadian Mineralogist</i> <b>44</b> (2006), 533
Bandyllite	$\text{CuB}(\text{OH})_4\text{Cl}$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 85	<i>Canadian Mineralogist</i> <b>38</b> (2000), 713
Bannermanite	$(\text{Na},\text{K})_x\text{V}^{4+}_x\text{V}^{5+}_{6-x}\text{O}_{15}$ (0.5 < x < 0.9)	A	1980-010	El Salvador	<i>American Mineralogist</i> <b>68</b> (1983), 634	
Bannisterite	$(\text{Ca},\text{K},\text{Na})(\text{Mn}^{2+},\text{Fe}^{2+})_{10}(\text{Si},\text{Al})_{16}\text{O}_{38}(\text{OH})_8 \cdot n\text{H}_2\text{O}$	A	1967-005	United Kingdom	<i>Mineralogical Magazine</i> <b>36</b> (1968), 893	<i>Clays and Clay Minerals</i> <b>40</b> (1992), 129



Baotite	$\text{Ba}_4(\text{Ti},\text{Nb},\text{W})_8\text{O}_{16}(\text{SiO}_3)_4\text{Cl}$	A	1962 s.p.	China	<i>Soviet Physics - Crystallography</i> <b>5</b> (1960), 523	<i>Soviet Physics - Crystallography</i> <b>14</b> (1969), 508
Barahonaite-(Al)	$(\text{Ca},\text{Cu},\text{Na},\text{Fe}^{3+},\text{Al})_{12}\text{Al}_2(\text{AsO}_4)_8(\text{OH},\text{Cl})_x \cdot n\text{H}_2\text{O}$	A	2006-051	Spain	<i>Canadian Mineralogist</i> <b>46</b> (2008), 205	
Barahonaite-(Fe)	$(\text{Ca},\text{Cu},\text{Na},\text{Fe}^{3+},\text{Al})_{12}\text{Fe}^{3+}_2(\text{AsO}_4)_8(\text{OH},\text{Cl})_x \cdot n\text{H}_2\text{O}$	A	2006-052	Spain	<i>Canadian Mineralogist</i> <b>46</b> (2008), 205	
Bararite	$(\text{NH}_4)_2\text{SiF}_6$	G	1951	India	Dana's System of Mineralogy, 7th ed., Vol. 2. Wiley, New York (1951), 106	
Baratovite	$\text{KLi}_3\text{Ca}_7\text{Ti}_2(\text{SiO}_3)_{12}\text{F}_2$	A	1974-055	Tajikistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 580	<i>American Mineralogist</i> <b>64</b> (1979), 383
Barberiite	$(\text{NH}_4)\text{BF}_4$	A	1993-008	Italy	<i>American Mineralogist</i> <b>79</b> (1994), 381	<i>Acta Crystallographica</i> <b>B27</b> (1971), 1102
Barbosalite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2$	G	1954	Brazil	<i>Science</i> <b>119</b> (1954), 739	<i>Acta Crystallographica</i> <b>12</b> (1959), 695
Barentsite	$\text{Na}_7\text{Al}(\text{HCO}_3)_2(\text{CO}_3)_2\text{F}_4$	A	1982-101	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 474	<i>Doklady Akademii Nauk SSSR</i> <b>273</b> (1983), 699
Bariandite	$\text{Al}_{0.6}(\text{V}^{5+},\text{V}^{4+})_8\text{O}_{20} \cdot 9\text{H}_2\text{O}$	A	1970-043	Gabon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 49	<i>American Mineralogist</i> <b>75</b> (1990), 508
Baričite	$(\text{Mg},\text{Fe})_3(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	A	1975-027	Canada	<i>Canadian Mineralogist</i> <b>14</b> (1976), 403	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1317
Barikaite	$\text{Ag}_3\text{Pb}_{10}(\text{Sb}_8\text{As}_{11})_{\Sigma 19}\text{S}_{40}$	A	2012-055	Iran	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3039	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3093
Barioferrite	$\text{BaFe}^{3+}_{12}\text{O}_{19}$	A	2009-030	Israel	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(3)</b> (2010), 22	
Bario-oligite	$\text{Na}(\text{Na},\text{Sr},\text{Ce})_2\text{Ba}(\text{PO}_4)_2$	A	2003-002	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(1)</b> (2004), 41	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1521
Bario-orthojoaquinite	$\text{Ba}_4\text{Fe}^{2+}_2\text{Ti}_2\text{O}_2(\text{SiO}_3)_8 \cdot \text{H}_2\text{O}$	A	1979-081	USA	<i>American Mineralogist</i> <b>67</b> (1982), 809	
Barioperovskite	$\text{BaTiO}_3$	A	2006-040	USA	<i>American Mineralogist</i> <b>93</b> (2008), 154	<i>Journal of Applied Crystallography</i> <b>42</b> (2009), 480
Bariopharmacoalumite	$\text{Ba}_{0.5}\text{Al}_4[(\text{AsO}_4)_3(\text{OH})_4] \cdot 4\text{H}_2\text{O}$	A	2010-041	France	<i>Mineralogical Magazine</i> <b>75</b> (2011), 135	<i>Mineralogical Magazine</i> <b>78</b> (2014), 851
Bariopharmacosiderite	$\text{Ba}_{0.5}\text{Fe}^{3+}_4(\text{AsO}_4)_3(\text{OH})_4 \cdot 5\text{H}_2\text{O}$	Rd	1994 s.p.	Germany	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>11</b> (1966), 121	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1477
Bariosincosite	$\text{Ba}(\text{VO})_2(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	A	1998-047	Australia	<i>Mineralogical Magazine</i> <b>63</b> (1999), 735	
Barlowite	$\text{Cu}_4\text{BrF}(\text{OH})_6$	A	2010-020	Australia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1755	
Barnesite	$\text{Na}_2\text{V}^{5+}_6\text{O}_{16} \cdot 3\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>48</b> (1963), 1187	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>115</b> (1986), 345
Barquillite	$\text{Cu}_2(\text{Cd},\text{Fe})\text{GeS}_4$	A	1996-050	Spain	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 111	
Barrerite	$\text{Na}_2(\text{Si}_7\text{Al}_2)\text{O}_{18} \cdot 6\text{H}_2\text{O}$	A	1974-017	Italy	<i>Mineralogical Magazine</i> <b>40</b> (1975), 208	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 1123
Barringerite	$(\text{Fe},\text{Ni})_2\text{P}$	A	1968-037	Bolivia	<i>Science</i> <b>165</b> (1969), 169	<i>Journal of Solid State Chemistry</i> <b>8</b> (1973), 57
Barroisite	$\square(\text{NaCa})(\text{Mg}_3\text{Al}_2)(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Austria	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>175</b> (1922), 426	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>6</b> (1957), 215
Barrotite	$\text{Cu}_9\text{Al}(\text{HSiO}_4)_2[(\text{SO}_4)(\text{HAsO}_4)_{0.5}](\text{OH})_{12} \cdot 8\text{H}_2\text{O}$	A	2011-063a	France	<i>Riviera Scientifique</i> <b>98</b> (2014), 3	
Barrydawsonite-(Y)	$\text{Na}_{1.5}\text{Y}_{0.5}\text{CaSi}_3\text{O}_9\text{H}$	A	2014-042	Canada	<i>Mineralogical Magazine</i> <b>79</b> (2015), 671	

Barstowite	$\text{Pb}_4(\text{CO}_3)\text{Cl}_6 \cdot \text{H}_2\text{O}$	A	1989-057	United Kingdom	<i>Mineralogical Magazine</i> <b>55</b> (1991), 121	<i>Zeitschrift für Kristallographie</i> <b>215</b> (2000), 110
Bartelkeite	$\text{PbFe}^{2+}\text{Ge}(\text{Ge}_2\text{O}_7)(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1979-029	Namibia	<i>Chemie der Erde</i> <b>40</b> (1981), 201	<i>American Mineralogist</i> <b>97</b> (2012), 1812
Bartonite	$\text{K}_6\text{Fe}_{20}\text{S}_{26}\text{S}$	A	1977-039	USA	<i>American Mineralogist</i> <b>66</b> (1981), 369	<i>American Mineralogist</i> <b>66</b> (1981), 376
Barwoodite	$\text{Mn}^{2+}_6\text{Nb}^{5+}(\text{SiO}_4)_2\text{O}_3(\text{OH})_3$	A	2017-046	USA	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Barylite	$\text{BaBe}_2\text{Si}_2\text{O}_7$	Rd	2014 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1876), 123	<i>Mineralogical Magazine</i> <b>79</b> (2015), 145
Barysilite	$\text{Pb}_8\text{Mn}(\text{Si}_2\text{O}_7)_3$	G	1888	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>45</b> (1888), 7	<i>Mineralogical Magazine</i> <b>66</b> (2002), 353
Baryte	$\text{Ba}(\text{SO}_4)$	A	1971 s.p.	?	Explication Morale du Jeu de Cartes. Bruxelles (1778), 99	<i>Canadian Mineralogist</i> <b>15</b> (1977), 522
Barytocalcite	$\text{BaCa}(\text{CO}_3)_2$	G	1824	United Kingdom	<i>Annals of Philosophy</i> <b>8</b> (1824), 114	<i>Journal of Research of the National Bureau of Standards - A. Physics and Chemistry</i> <b>75A</b> (1971), 197
Barytolamprophyllite	$(\text{BaK})\text{Ti}_2\text{Na}_3\text{Ti}(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2$	Rd	2016 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>6</b> (1959), 713	<i>Canadian Mineralogist</i> <b>46</b> (2008), 403
Bassanite	$\text{Ca}(\text{SO}_4) \cdot 0.5\text{H}_2\text{O}$	G	1910	Italy	<i>Atti della Regia Accademia delle Scienze di Napoli, Serie II</i> <b>14</b> (1910), 368 p.	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 985
Bassetite	$\text{Fe}^{2+}(\text{UO}_2)_2(\text{PO}_4)_2(\text{H}_2\text{O})_{10}$	G	1915	United Kingdom	<i>Mineralogical Magazine</i> <b>17</b> (1915), 221	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 663
Bassoite	$\text{SrV}^{4+}_3\text{O}_7 \cdot 4\text{H}_2\text{O}$	A	2011-028	Italy	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2677	
Bastnäsite-(Ce)	$\text{Ce}(\text{CO}_3)\text{F}$	Rn	1987 s.p.	Sweden	Manuels-Roret. Nouveau Manuel Complet de Minéralogie, Première Partie. Paris (1841), 296	<i>American Mineralogist</i> <b>78</b> (1993), 415
Bastnäsite-(La)	$\text{La}(\text{CO}_3)\text{F}$	Rn	1966 s.p.	Russia	<i>American Mineralogist</i> <b>51</b> (1966), 152	
Bastnäsite-(Nd)	$\text{Nd}(\text{CO}_3)\text{F}$	A	2011-062	Norway	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 187	
Bastnäsite-(Y)	$\text{Y}(\text{CO}_3)\text{F}$	A	1987 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>99</b> (1970), 328	
Batagayite	$\text{CaZn}_2(\text{Zn,Cu})_6(\text{PO}_4)_4[\text{PO}_3(\text{OH})]_3 \cdot 12\text{H}_2\text{O}$	A	2017-002	Russia	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Batievaite-(Y)	$\text{Ca}_2\text{Y}_2[(\text{H}_2\text{O})_2\text{□}]\text{Ti}(\text{Si}_2\text{O}_7)_2(\text{OH})_2(\text{H}_2\text{O})_2$	Rd	2015-016	Russia	<i>Mineralogy and Petrology</i> <b>110</b> (2016), 895	
Batiferrite	$\text{BaTi}_2\text{Fe}^{3+}_8\text{Fe}^{2+}_2\text{O}_{19}$	A	1997-038	Germany	<i>Mineralogy and Petrology</i> <b>71</b> (2001), 1	
Batisite	$\text{Na}_2\text{BaTi}_2\text{O}_2(\text{Si}_2\text{O}_6)_2$	A	1962 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>133</b> (1960), 657	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 107
Batisivite	$\text{BaTi}_6(\text{V,Cr})_8(\text{Si}_2\text{O}_7)\text{O}_{22}$	A	2006-054	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(5)</b> (2007), 65	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 975
Baumhauerite	$\text{Pb}_{12}\text{As}_{16}\text{S}_{36}$	G	1902	Switzerland	<i>Mineralogical Magazine</i> <b>13</b> (1902), 151	<i>Zeitschrift für Kristallographie</i> <b>129</b> (1969), 178
Baumhauerite II	$\text{Pb}_3\text{As}_4\text{S}_9$	Q	1959	Switzerland	<i>Naturwissenschaften</i> <b>46</b> (1959), 72	

Baumoite	$\text{BaU}_3\text{Mo}_2\text{O}_{16}(\text{H}_2\text{O})_6$	A	2017-054	Australia	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Baumstarkite	$\text{Ag}_3\text{Sb}_3\text{S}_6$	A	1999-049	Peru	<i>American Mineralogist</i> <b>87</b> (2002), 753	
Bauranoite	$\text{BaU}_2\text{O}_7 \cdot 4\text{-}5\text{H}_2\text{O}$	A	1971-052	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 75	
Bavenite	$\text{Ca}_4\text{Be}_{2+x}\text{Al}_{2-x}\text{Si}_9\text{O}_{26-x}(\text{OH})_{2+x}$ ( $x = 0$ to 1)	Rd	2015 s.p.	Italy	<i>Atti della Reale Accademia dei Lincei, Rendiconti della Classe di Scienze Fisiche, Matematiche e Naturali, Serie V</i> <b>10</b> (1901), 139	<i>Acta Crystallographica</i> <b>20</b> (1966), 301
Bavsiite	$\text{Ba}_2\text{V}_2\text{O}_2[\text{Si}_4\text{O}_{12}]$	A	2014-019	Canada	CNMNC Newsletter 21 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 797	
Bayerite	$\text{Al}(\text{OH})_3$	G	1928	Israel	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>175</b> (1928), 249	<i>Zeitschrift für Kristallographie</i> <b>148</b> (1978), 255
Bayldonite	$\text{Cu}_3\text{PbO}(\text{AsO}_3\text{OH})_2(\text{OH})_2$	G	1865	United Kingdom	<i>Journal of the Chemical Society</i> <b>18</b> (1865), 259	<i>American Mineralogist</i> <b>66</b> (1981), 148
Bayleyite	$\text{Mg}_2(\text{UO}_2)(\text{CO}_3)_3 \cdot 18\text{H}_2\text{O}$	G	1951	USA	<i>American Mineralogist</i> <b>36</b> (1951), 1	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>35</b> (1986), 133
Baylissite	$\text{K}_2\text{Mg}(\text{CO}_3)_2 \cdot 4\text{H}_2\text{O}$	A	1975-024	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>56</b> (1976), 187	<i>Australian Journal of Chemistry</i> <b>30</b> (1977), 1379
Bazhenovite	$\text{Ca}_8\text{S}_5(\text{S}_2\text{O}_3)(\text{OH})_{12} \cdot 20\text{H}_2\text{O}$	A	1986-053	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 737	<i>American Mineralogist</i> <b>90</b> (2005), 1556
Bazirite	$\text{BaZrSi}_3\text{O}_9$	A	1976-053	United Kingdom	<i>Mineralogical Magazine</i> <b>42</b> (1978), 35	
Bazzite	$\text{Be}_3(\text{Sc}, \text{Fe}^{3+}, \text{Mg})_2\text{Si}_6\text{O}_{18} \cdot \text{Na}_{0.32} \cdot n\text{H}_2\text{O}$	G	1915	Italy	<i>Atti della Reale Accademia dei Lincei, Rendiconti della Classe di Scienze Fisiche, Matematiche e Naturali, Serie V</i> <b>24</b> (1915), 313	<i>Canadian Mineralogist</i> <b>38</b> (2000), 1419
Bearsite	$\text{Be}_2(\text{AsO}_4)(\text{OH}) \cdot 4\text{H}_2\text{O}$	A	1967 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 442	
Bearthite	$\text{Ca}_2\text{Al}(\text{PO}_4)_2(\text{OH})$	A	1986-050	Italy / Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>73</b> (1993), 1	<i>Contributions to Mineralogy and Petrology</i> <b>121</b> (1995), 258
Beaverite-(Cu)	$\text{Pb}(\text{Fe}^{3+}_2\text{Cu})(\text{SO}_4)_2(\text{OH})_6$	Rd	1987 s.p.	USA	<i>Journal of the Washington Academy of Sciences</i> <b>1</b> (1911), 26	<i>Mineralogical Magazine</i> <b>74</b> (2010), 919
Beaverite-(Zn)	$\text{Pb}(\text{Fe}^{3+}_2\text{Zn})(\text{SO}_4)_2(\text{OH})_6$	A	2010-086	Japan	<i>Mineralogical Magazine</i> <b>75</b> (2011), 375	
Bechererite	$\text{Zn}_7\text{Cu}(\text{OH})_{13}[\text{SiO}(\text{OH})_3(\text{SO}_4)]$	A	1994-005	USA	<i>American Mineralogist</i> <b>81</b> (1996), 244	<i>American Mineralogist</i> <b>82</b> (1997), 1014
Beckettite	$\text{Ca}_2\text{V}_6\text{Al}_6\text{O}_{20}$	A	2015-001	Mexico (meteorite)	CNMNC Newsletter 25 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 529	
Becquerelite	$\text{Ca}(\text{UO}_2)_6\text{O}_4(\text{OH})_6 \cdot 8\text{H}_2\text{O}$	G	1922	Democratic Republic of the Congo	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>174</b> (1922), 1240	<i>American Mineralogist</i> <b>87</b> (2002), 550
Bederite	$\text{Ca}_2\text{Mn}^{2+}_4\text{Fe}^{3+}_2(\text{PO}_4)_6 \cdot 2\text{H}_2\text{O}$	A	1998-007	Argentina	<i>American Mineralogist</i> <b>84</b> (1999), 1674	
Béhierite	$\text{Ta}(\text{BO}_4)$	Rn	1967 s.p.	Madagascar	<i>American Mineralogist</i> <b>47</b> (1962), 414	

Behoite	Be(OH) <sub>2</sub>	A	1969-031	USA	<i>American Mineralogist</i> <b>55</b> (1970), 1	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>631</b> (2005), 1247
Běhounekite	U(SO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub>	A	2010-046	Czech Republic	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2739	
Beidellite	(Na,Ca) <sub>0.3</sub> Al <sub>2</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ·nH <sub>2</sub> O	G	1925	USA	<i>Journal of the Washington Academy of Sciences</i> <b>15</b> (1925), 465	<i>American Mineralogist</i> <b>70</b> (1985), 1004
Belakovskiite	Na <sub>7</sub> (UO <sub>2</sub> )(SO <sub>4</sub> ) <sub>4</sub> (SO <sub>3</sub> OH)(H <sub>2</sub> O) <sub>3</sub>	A	2013-075	USA	<i>Mineralogical Magazine</i> <b>78</b> (2014), 639	
Belendorffite	Cu <sub>7</sub> Hg <sub>6</sub>	A	1989-024	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 21	<i>Acta Chemica Scandinavica</i> <b>23</b> (1969), 1181
Belkovite	Ba <sub>3</sub> Nb <sub>6</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> O <sub>12</sub>	A	1989-053	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 23	
Bellbergite	(K,Ba,Sr) <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> (Ca,Na) <sub>4</sub> (Si,Al) <sub>36</sub> O <sub>72</sub> ·30H <sub>2</sub> O	A	1990-057	Germany	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 147	
Bellidoite	Cu <sub>2</sub> Se	A	1970-050	Czech Republic	<i>Economic Geology</i> <b>70</b> (1975), 384	
Bellingerite	Cu <sub>3</sub> (IO <sub>3</sub> ) <sub>6</sub> ·2H <sub>2</sub> O	G	1940	Chile	<i>American Mineralogist</i> <b>25</b> (1940), 505	<i>Acta Crystallographica</i> <b>B30</b> (1974), 965
Belloite	Cu(OH)Cl	A	1998-054	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 67	<i>Monatshefte für Chemie</i> <b>115</b> (1984), 725
Belousovite	KZn(SO <sub>4</sub> )Cl	A	2016-047	Russia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Belovite-(Ce)	NaCeSr <sub>3</sub> (PO <sub>4</sub> ) <sub>3</sub> F	G	1954	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>96</b> (1954), 613	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(2)</b> (1995), 98
Belovite-(La)	NaLaSr <sub>3</sub> (PO <sub>4</sub> ) <sub>3</sub> F	A	1995-023	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(3)</b> (1996), 101	<i>Doklady Physics</i> <b>355</b> (1997), 344
Belyankinite	Ca <sub>1-2</sub> (Ti,Zr,Nb) <sub>5</sub> O <sub>12</sub> ·9H <sub>2</sub> O (?)	Q	1950	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>71</b> (1950), 925	
Bementite	Mn <sub>7</sub> Si <sub>6</sub> O <sub>15</sub> (OH) <sub>8</sub>	Rd	1963 s.p.	USA	<i>Proceedings of the Academy of Natural Sciences of Philadelphia</i> 1887 (1888), 310	<i>American Mineralogist</i> <b>79</b> (1994), 91
Benauite	SrFe <sup>3+</sup> <sub>3</sub> (PO <sub>4</sub> )(PO <sub>3</sub> OH)(OH) <sub>6</sub>	A	1995-001	Germany	<i>Chemie der Erde</i> <b>56</b> (1996), 171	
Benavidesite	Pb <sub>4</sub> MnSb <sub>6</sub> S <sub>14</sub>	Rn	1980-073	Peru	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 166	<i>Solid State Sciences</i> <b>5</b> (2003), 771
Bendadaite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	A	1998-053a	Portugal	<i>Mineralogical Magazine</i> <b>74</b> (2010), 469	
Benitoite	BaTiSi <sub>3</sub> O <sub>9</sub>	G	1907	USA	<i>University of California Publications. Bulletin of the Department of Geology</i> <b>5</b> (1907), 149	<i>Zeitschrift für Kristallographie</i> <b>129</b> (1969), 222
Benjaminite	Ag <sub>3</sub> Bi <sub>7</sub> S <sub>12</sub>	Rd	1975-003a	USA	<i>Canadian Mineralogist</i> <b>13</b> (1975), 402	<i>Canadian Mineralogist</i> <b>17</b> (1979), 607
Benleonardite	Ag <sub>15</sub> Cu(Sb,As) <sub>2</sub> S <sub>7</sub> Te <sub>4</sub>	A	1985-043	Mexico	<i>Mineralogical Magazine</i> <b>50</b> (1986), 681	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1213
Benstonite	Ba <sub>6</sub> Ca <sub>6</sub> Mg(CO <sub>3</sub> ) <sub>13</sub>	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 585	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>136</b> (1979), 326
Bentorite	Ca <sub>6</sub> Cr <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> (OH) <sub>12</sub> ·26H <sub>2</sub> O	A	1979-042	Israel	<i>Israel Journal of Earth Sciences</i> <b>29</b> (1980), 81	
Benyacarite	KTiMn <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> OF·15H <sub>2</sub> O	A	1995-002	Argentina	<i>Canadian Mineralogist</i> <b>35</b> (1997), 707	<i>Zeitschrift für Kristallographie</i> <b>208</b> (1993), 57
Beraunite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>5</sub> ·6H <sub>2</sub> O	G	1841	Czech Republic	Vollständiges Handbuch der Mineralogie. Arnoldische, Dresden und Leipzig (1841), 136	<i>Zeitschrift für Kristallographie</i> <b>201</b> (1992), 263
Berberite	Be <sub>2</sub> (BO <sub>3</sub> )(OH)·H <sub>2</sub> O	A	1967-004	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>174</b> (1967), 189	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>162</b> (1990), 101
Berdesinskiite	V <sup>3+</sup> <sub>2</sub> TiO <sub>5</sub>	A	1980-036	Kenya	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 110	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 885

Berezanskite	$\text{KTi}_2\text{Li}_3\text{Si}_{12}\text{O}_{30}$	A	1996-041	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(4)</b> (1997), 75	<i>Mineralogical Magazine</i> <b>80</b> (2016), 733
Bergenite	$\text{Ca}_2\text{Ba}_4(\text{UO}_2)_9\text{O}_6(\text{PO}_4)_6 \cdot 16\text{H}_2\text{O}$	G	1959	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1959), 232	<i>Canadian Mineralogist</i> <b>41</b> (2003), 91
Bergslagite	$\text{CaBe}(\text{AsO}_4)(\text{OH})$	A	1983-021	Sweden	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 257	<i>Zeitschrift für Kristallographie</i> <b>166</b> (1984), 73
Berlinite	$\text{Al}(\text{PO}_4)$	G	1868	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>25</b> (1868), 197	<i>American Mineralogist</i> <b>92</b> (2007), 1998
Bermanite	$\text{Mn}^{2+}\text{Mn}^{3+}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	G	1936	USA	<i>American Mineralogist</i> <b>21</b> (1936), 656	<i>American Mineralogist</i> <b>61</b> (1976), 1241
Bernalite	$\text{Fe}(\text{OH})_3$	A	1991-032	Australia	<i>American Mineralogist</i> <b>78</b> (1993), 827	<i>Mineralogical Magazine</i> <b>69</b> (2005), 309
Bernardite	$\text{TlAs}_5\text{S}_8$	A	1987-052	Macedonia	<i>Mineralogical Magazine</i> <b>53</b> (1989), 531	
Bernarlottiite	$\text{Pb}_{12}(\text{As}_{10}\text{Sb}_6)\text{S}_{36}$	A	2013-133	Italy	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 701	
Berndtite	$\text{SnS}_2$	Rn	1968 s.p.	Bolivia	<i>Fortschritte der Mineralogie</i> <b>42</b> (1966), 211	<i>American Mineralogist</i> <b>63</b> (1978), 289
Berryite	$\text{Cu}_3\text{Ag}_2\text{Pb}_3\text{Bi}_7\text{S}_{16}$	A	1965-013	USA	<i>Canadian Mineralogist</i> <b>8</b> (1966), 407	<i>Canadian Mineralogist</i> <b>44</b> (2006), 465
Berthierine	$(\text{Fe}^{2+}, \text{Fe}^{3+}, \text{Al})_3(\text{Si}, \text{Al})_2\text{O}_5(\text{OH})_4$	G	1832	France	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 128	<i>Canadian Mineralogist</i> <b>23</b> (1985), 213
Berthierite	$\text{FeSb}_2\text{S}_4$	G	1827	France	<i>Edinburgh Journal of Science</i> <b>7</b> (1827), 353	<i>Journal of Solid State Chemistry</i> <b>162</b> (2001), 79
Bertossaite	$\text{Li}_2\text{CaAl}_4(\text{PO}_4)_4(\text{OH})_4$	A	1965-038	Rwanda	<i>Canadian Mineralogist</i> <b>8</b> (1966), 668	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1079
Bertrandite	$\text{Be}_4\text{Si}_2\text{O}_7(\text{OH})_2$	G	1878	France	<i>Bulletin de la Société Minéralogique de France</i> <b>6</b> (1883), 252	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 13
Beryl	$\text{Be}_3\text{Al}_2\text{Si}_6\text{O}_{18}$	G	?	unknown	<i>Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts</i> <b>46</b> (1798), 158	<i>Mineralogical Magazine</i> <b>72</b> (2008), 799
Beryllite	$\text{Be}_3(\text{SiO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$	G	1954	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>99</b> (1954), 451	
Beryllonite	$\text{NaBe}(\text{PO}_4)$	G	1888	USA	<i>American Journal of Science</i> <b>136</b> (1888), 290	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>20</b> (1973), 1
Berzelianite	$\text{Cu}_{2-x}\text{Se}$ ( $x \approx 0.12$ )	G	1832	Sweden	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 534	<i>Journal of Solid State Chemistry</i> <b>93</b> (1991), 202
Berzeliite	$(\text{NaCa}_2)\text{Mg}_2(\text{AsO}_4)_3$	G	1840	Sweden	<i>Annalen der Chemie und Pharmacie Heidelberg</i> <b>34</b> (1840), 211	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1081
Beshtauite	$(\text{NH}_4)_2(\text{UO}_2)(\text{SO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	2012-051	Russia	<i>American Mineralogist</i> <b>99</b> (2014), 1783	
Betalomonosovite	$\text{Na}_2\text{Na}_4\text{Ti}_2\text{Na}_2\text{Ti}_2(\text{Si}_2\text{O}_7)_2[\text{PO}_3(\text{OH})][\text{PO}_2(\text{OH})_2]\text{O}_2(\text{OF})$	Rd	2015 s.p.	Russia	<i>Canadian Mineralogist</i> <b>53</b> (2015), 401	
Betekhtinite	$(\text{Cu}, \text{Fe})_{21}\text{Pb}_2\text{S}_{15}$	G	1955	Germany	<i>Geologie</i> <b>4</b> (1955), 535	<i>Acta Crystallographica</i> <b>12</b> (1959), 646
Betpakdalite-CaCa	$[\text{Ca}_2(\text{H}_2\text{O})_{17}\text{Ca}(\text{H}_2\text{O})_6][\text{Mo}^{6+}_8\text{As}^{5+}_2\text{Fe}^{3+}_3\text{O}_{36}(\text{OH})]$	Rd	1967 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>90</b> (1961), 425	<i>Canadian Mineralogist</i> <b>37</b> (1999), 61
Betpakdalite-CaMg	$[\text{Ca}_2(\text{H}_2\text{O})_{17}\text{Mg}(\text{H}_2\text{O})_6][\text{Mo}^{6+}_8\text{As}^{5+}_2\text{Fe}^{3+}_3\text{O}_{36}(\text{OH})]$	A	2011-034	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
Betpakdalite-FeFe	$[\text{Fe}^{3+}_2(\text{H}_2\text{O})_{15}(\text{OH})_2\text{Fe}^{3+}(\text{H}_2\text{O})_6][\text{Mo}_8\text{As}_2\text{Fe}^{3+}_3\text{O}_{37}]$	A	2017-011	Australia	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	

Betpakdalite-NaCa	$[\text{Na}_2(\text{H}_2\text{O})_{17}\text{Ca}(\text{H}_2\text{O})_6][\text{Mo}^{6+}_8\text{As}^{5+}_2\text{Fe}^{3+}_3\text{O}_{34}(\text{OH})_3]$	Rn	1971-057	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>100</b> (1971), 603	
Betpakdalite-NaNa	$[\text{Na}_2(\text{H}_2\text{O})_{16}\text{Na}(\text{H}_2\text{O})_6][\text{Mo}^{6+}_8\text{As}^{5+}_2\text{Fe}^{3+}_3\text{O}_{33}(\text{OH})_4]$	A	2011-078	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
Bettertonite	$\text{Al}_6(\text{AsO}_4)_3(\text{OH})_9(\text{H}_2\text{O})_5 \cdot 11\text{H}_2\text{O}$	A	2014-074	United Kingdom	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1849	
Beudantite	$\text{PbFe}^{3+}_3(\text{AsO}_4)(\text{SO}_4)(\text{OH})_6$	Rd	1987 s.p.	Germany	<i>Annals of Philosophy</i> <b>11</b> (1826), 194	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 27
Beusite	$\text{Mn}^{2+}\text{Mn}^{2+}_2(\text{PO}_4)_2$	A	1968-012	Argentina	<i>American Mineralogist</i> <b>53</b> (1968), 1799	<i>American Mineralogist</i> <b>76</b> (1991), 1985
Beusite-(Ca)	$\text{CaMn}^{2+}_2(\text{PO}_4)_2$	A	2017-051	Canada	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Beyerite	$\text{CaBi}_2\text{O}_2(\text{CO}_3)_2$	G	1943	Germany	<i>American Mineralogist</i> <b>28</b> (1943), 521	<i>Canadian Mineralogist</i> <b>40</b> (2002), 693
Bezsmertnovite	$(\text{Au},\text{Ag})_4\text{Cu}(\text{Te},\text{Pb})$	A	1979-014	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>249</b> (1979), 185	
Biachellaite	$(\text{Na},\text{Ca},\text{K})_8(\text{Si}_6\text{Al}_6\text{O}_{24})(\text{SO}_4)_2(\text{OH})_{0.5} \cdot \text{H}_2\text{O}$	A	2007-044	Italy	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>137(3)</b> (2008), 57	<i>Crystallography Reports</i> <b>53</b> (2008), 981
Bianchite	$\text{Zn}(\text{SO}_4) \cdot 6\text{H}_2\text{O}$	G	1930	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Serie VI</i> <b>41</b> (1930), 760	
Bicchulite	$\text{Ca}_2\text{Al}_2\text{SiO}_6(\text{OH})_2$	A	1973-006	Japan	<i>Mineralogical Journal</i> <b>7</b> (1973), 243	<i>Zeitschrift für Kristallographie</i> <b>152</b> (1980), 13
Bideauxite	$\text{AgPb}_2\text{F}_2\text{Cl}_3$	A	1969-038	USA	<i>Mineralogical Magazine</i> <b>37</b> (1970), 637	<i>Canadian Mineralogist</i> <b>37</b> (1999), 915
Bieberite	$\text{Co}(\text{SO}_4) \cdot 7\text{H}_2\text{O}$	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 487	<i>American Mineralogist</i> <b>92</b> (2007), 532
Biehlite	$\text{Sb}^{3+}_2\text{MoO}_6$	A	1999-019a	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 234	<i>Zeitschrift für Kristallographie</i> <b>215</b> (2000), 529
Bigcreekite	$\text{BaSi}_2\text{O}_5 \cdot 4\text{H}_2\text{O}$	A	1999-015	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 761	
Bijvoetite-(Y)	$\text{Y}_8(\text{UO}_2)_{16}\text{O}_8(\text{CO}_3)_{16}(\text{OH})_8 \cdot 39\text{H}_2\text{O}$	A	1981-035	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>20</b> (1982), 231	<i>Canadian Mineralogist</i> <b>38</b> (2000), 153
Bikitaite	$\text{LiAlSi}_2\text{O}_6 \cdot \text{H}_2\text{O}$	A	1997 s.p.	Zimbabwe	<i>American Mineralogist</i> <b>42</b> (1957), 792	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 247
Bilibinskite	$\text{PbAu}_3\text{Cu}_2\text{Te}_2$	A	1977-024	Russia / Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>107</b> (1978), 310	<i>Novye dannye o Mineralakh</i> <b>37</b> (1991), 138
Bilinite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{SO}_4)_4 \cdot 22\text{H}_2\text{O}$	G	1913	Czech Republic	Sbornik Klubu prirodovědeckého <b>2</b> (1913)	
Billietite	$\text{Ba}(\text{UO}_2)_6\text{O}_4(\text{OH})_6 \cdot 8\text{H}_2\text{O}$	G	1947	Democratic Republic of the Congo	<i>Annales de la Société Géologique Belge</i> <b>70</b> (1947), B212	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1197
Billingsleyite	$\text{Ag}_7\text{AsS}_6$	A	1967-012	USA	<i>American Mineralogist</i> <b>53</b> (1968), 1791	<i>Canadian Mineralogist</i> <b>48</b> (2010), 155
Billwiseite	$\text{Sb}^{3+}_5\text{Nb}_3\text{WO}_{18}$	A	2010-053	Pakistan	<i>Canadian Mineralogist</i> <b>50</b> (2012), 805	
Bindheimite	$\text{Pb}_2\text{Sb}^{5+}_2\text{O}_7$	Q	2013 s.p.	Russia	A System of Mineralogy, 5th ed. Wiley, New York (1868)	
Biphosphammite	$(\text{NH}_4,\text{K})\text{H}_2(\text{PO}_4)$	G	1870	Australia	<i>The Rural Carolinian</i> <b>1</b> (1870), 469	<i>Mineralogical Magazine</i> <b>38</b> (1972), 965
Biraite-(Ce)	$\text{Ce}_2\text{Fe}^{2+}(\text{Si}_2\text{O}_7)(\text{CO}_3)$	A	2003-037	Russia	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 715	
Birchite	$\text{Cd}_2\text{Cu}_2(\text{PO}_4)_2(\text{SO}_4) \cdot 5\text{H}_2\text{O}$	A	2006-048	Australia	<i>American Mineralogist</i> <b>93</b> (2008), 910	



Biringuccite	$\text{Na}_2\text{B}_5\text{O}_8(\text{OH})\cdot\text{H}_2\text{O}$	A	1967 s.p.	Italy	<i>Accademia Nazionale dei Lincei, Rendiconti della Classe di Scienze Fisiche, Matematiche e Naturali, Serie VIII</i> <b>30</b> (1961) 74	<i>American Mineralogist</i> <b>59</b> (1974), 1005
Birnessite	$(\text{Na},\text{Ca},\text{K})_{0.6}(\text{Mn}^{4+},\text{Mn}^{3+})_2\text{O}_4\cdot 1.5\text{H}_2\text{O}$	G	1956	United Kingdom	<i>Mineralogical Magazine</i> <b>31</b> (1956), 283	<i>American Mineralogist</i> <b>92</b> (2007), 771
Birunite	$\text{Ca}_{18}(\text{SiO}_3)_{8.5}(\text{CO}_3)_{8.5}(\text{SO}_4)\cdot 15\text{H}_2\text{O}$	Q	1957	Uzbekistan	<i>Doklady Akademii Nauk Uzbekistan SSR</i> <b>12</b> (1957), 17	
Bischofite	$\text{MgCl}_2\cdot 6\text{H}_2\text{O}$	G	1877	Germany	Die Bildung der Steinsalzlager und ihrer Mutterlaugensalze unter specieller Berücksichtigung der Flöze von Douglashall in der Egel'n'schen Mulde. Pfeffer, Halle (1877), 156	<i>Acta Crystallographica</i> <b>C41</b> (1985), 8
Bismite	$\text{Bi}_2\text{O}_3$	G	1868	Bolivia	A System of Mineralogy, 5th ed. Wiley, New York (1868), 185	<i>Acta Chemica Scandinavica</i> <b>24</b> (1970), 384
Bismoclite	$\text{BiOCl}$	G	1935	South Africa	<i>Mineralogical Magazine</i> <b>24</b> (1935), 59	<i>Zeitschrift für Kristallographie</i> <b>205</b> (1993), 35
Bismuth	Bi	G	1546	Germany	De natura fossilium, Libri X (1546)	<i>Journal of the Physical Society of Japan</i> <b>51</b> (1982), 3826
Bismuthinite	$\text{Bi}_2\text{S}_3$	G	1832	?	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 418	<i>Physics and Chemistry of Minerals</i> <b>32</b> (2005), 578
Bismutite	$\text{Bi}_2\text{O}_2(\text{CO}_3)$	G	1841	Germany	<i>Annalen der Physik und Chemie</i> <b>23</b> (1841), 627	<i>Canadian Mineralogist</i> <b>40</b> (2002), 693
Bismutocolumbite	$\text{BiNbO}_4$	A	1991-003	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(3)</b> (1992), 130	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2002), 145
Bismutoferrite	$\text{Fe}^{3+}_2\text{Bi}(\text{SiO}_4)_2(\text{OH})$	G	1871	Germany	<i>Journal für Praktische Chemie</i> <b>4</b> (1871), 353	<i>Soviet Physics - Crystallography</i> <b>22</b> (1977), 419
Bismutohauchecornite	$\text{Ni}_9\text{Bi}_2\text{S}_8$	A	1978 s.p.	Russia	<i>Trudy Mineralogicheskoy Akademii Nauk SSSR</i> <b>26</b> (1978), 201	<i>Mineralogical Magazine</i> <b>43</b> (1980), 873
Bismutostibiconite	$(\text{Bi},\text{Fe}^{3+},\square)_2\text{Sb}^{5+}_2\text{O}_7$	Q	2013 s.p.	Germany	<i>Chemie der Erde</i> <b>42</b> (1983), 77	
Bismutotalite	$\text{BiTaO}_4$	G	1929	Uganda	<i>Mineralogical Magazine</i> <b>22</b> (1929), 185	<i>Canadian Mineralogist</i> <b>39</b> (2001), 103
Bitikleite	$\text{Ca}_3(\text{SbSn})(\text{AlO}_4)_3$	Rn	2009-052	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 959	
Bityite	$\text{CaLiAl}_2(\text{Si}_2\text{BeAl})\text{O}_{10}(\text{OH})_2$	A	1998 s.p.	Madagascar	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>146</b> (1908), 1367	<i>American Mineralogist</i> <b>68</b> (1983), 130
Bixbyite	$\text{Mn}^{3+}_2\text{O}_3$	G	1897	USA	<i>American Journal of Science</i> <b>154</b> (1897), 105	<i>Journal of Solid State Chemistry</i> <b>181</b> (2008), 2250
Bjarebyite	$\text{BaMn}^{2+}_2\text{Al}_2(\text{PO}_4)_3(\text{OH})_3$	A	1972-022	USA	<i>Mineralogical Record</i> <b>4</b> (1973), 282	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1033
Blakeite	$\text{Fe}^{3+}_2(\text{Te}^{4+}\text{O}_3)_3$ (?)	Q	1944	USA	<i>American Mineralogist</i> <b>29</b> (1944), 211	
Blatonite	$(\text{UO}_2)(\text{CO}_3)\cdot\text{H}_2\text{O}$	A	1997-025	USA	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1077	
Blatterite	$\text{Sb}^{5+}_3\text{Mn}^{3+}_9\text{Mn}^{2+}_{35}(\text{BO}_3)_{16}\text{O}_{32}$	A	1984-038	Sweden	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 121	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1171
Bleasdaleite	$\text{Ca}_2\text{Cu}_5(\text{Bi},\text{Cu})(\text{PO}_4)_4(\text{H}_2\text{O},\text{OH},\text{Cl})_{13}$	A	1998-003a	Australia	<i>Australian Journal of Mineralogy</i> <b>5</b> (1999), 69	
Blixite	$\text{Pb}_8\text{O}_5(\text{OH})_2\text{Cl}_4$	A	1962 s.p.	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>2</b> (1958), 411	<i>Canadian Mineralogist</i> <b>44</b> (2006), 515
Blödite	$\text{Na}_2\text{Mg}(\text{SO}_4)_2\cdot 4\text{H}_2\text{O}$	A	1982 s.p.	Austria	Chemische Untersuchungen mineralischer, vegetabilischer und animalischer Substanzen. Maurerschen, Berlin (1821), 240	<i>Canadian Mineralogist</i> <b>23</b> (1985), 669

Blossite	$\text{Cu}_2\text{V}^{5+}_2\text{O}_7$	A	1986-002	El Salvador	<i>American Mineralogist</i> <b>72</b> (1987), 397	<i>Acta Crystallographica</i> <b>B31</b> (1975), 603
Bluebellite	$\text{Cu}_6(\text{IO}_3)(\text{OH})_{10}\text{Cl}$	A	2013-121	USA	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1325	
Bluelizardite	$\text{Na}_7(\text{UO}_2)(\text{SO}_4)_4\text{Cl}(\text{H}_2\text{O})_2$	A	2013-062	USA	<i>Journal of Geosciences</i> <b>59</b> (2014), 145	
Bluestreakite	$\text{K}_4\text{Mg}_2(\text{V}^{4+}_2\text{V}^{5+}_8\text{O}_{28})\cdot 14\text{H}_2\text{O}$	A	2014-047	USA	<i>Canadian Mineralogist</i> <b>52</b> (2014), 1007	
Bobcookite	$\text{NaAl}(\text{UO}_2)_2(\text{SO}_4)_4\cdot 18\text{H}_2\text{O}$	A	2014-030	USA	<i>Mineralogical Magazine</i> <b>79</b> (2015), 695	
Bobdownsite	$\text{Ca}_9\text{Mg}(\text{PO}_3\text{F})(\text{PO}_4)_6$	A	2008-037	Canada	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1065	
Bobfergusonite	$\text{Na}_2\text{Mn}^{2+}_5\text{Fe}^{3+}\text{Al}(\text{PO}_4)_6$	A	1984-072a	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 599	<i>Canadian Mineralogist</i> <b>42</b> (2004), 705
Bobierite	$\text{Mg}_3(\text{PO}_4)_2\cdot 8\text{H}_2\text{O}$	G	1868	Chile	A System of Mineralogy, 5th ed. Wiley, New York (1868), 795	<i>American Mineralogist</i> <b>71</b> (1986), 1229
Bobjonesite	$\text{V}^{4+}\text{O}(\text{SO}_4)\cdot 3\text{H}_2\text{O}$	A	2000-045	USA	<i>Canadian Mineralogist</i> <b>41</b> (2003), 83	
Bobkingite	$\text{Cu}_5\text{Cl}_2(\text{OH})_8\cdot 2\text{H}_2\text{O}$	A	2000-029	United Kingdom	<i>Mineralogical Magazine</i> <b>66</b> (2002), 301	
Bobmeyerite	$\text{Pb}_4(\text{Al}_3\text{Cu})(\text{Si}_4\text{O}_{12})(\text{S}_{0.5}\text{Si}_{0.5}\text{O}_4)(\text{OH})_7\text{Cl}(\text{H}_2\text{O})_3$	A	2012-019	USA	<i>Mineralogical Magazine</i> <b>77</b> (2013), 81	
Bobshannonite	$\text{KBaNa}_2(\text{Mn},\text{Na})_8(\text{Nb},\text{Ti})_4(\text{Si}_2\text{O}_7)_4\text{O}_4(\text{OH})_4(\text{O},\text{F})_2$	Rd	2014-052	Canada	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1791	
Bobtraillite	$(\text{Na},\text{Ca})_{13}\text{Sr}_{11}(\text{Zr},\text{Y},\text{Nb})_{14}\text{Si}_{42}\text{B}_6\text{O}_{132}(\text{OH})_{12}\cdot 12\text{H}_2\text{O}$	A	2001-041	Canada	<i>Canadian Mineralogist</i> <b>43</b> (2005), 747	
Bogdanovite	$(\text{Au},\text{Te},\text{Pb})_3(\text{Cu},\text{Fe})$	A	1978-019	Kazakhstan / Russia	<i>Vestnik Moskovskogo Universiteta, Geologiya Seriya</i> <b>1</b> (1979), 44	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Bøggildite	$\text{Na}_2\text{Sr}_2\text{Al}_2(\text{PO}_4)\text{F}_9$	G	1951	Denmark (Greenland)	<i>Meddelelser fra Dansk Geologisk Forening</i> <b>12</b> (1951), 109	<i>Canadian Mineralogist</i> <b>20</b> (1982), 263
Boggsite	$\text{Na}_3\text{Ca}_8(\text{Si}_{77}\text{Al}_{19})\text{O}_{192}\cdot 70\text{H}_2\text{O}$	A	1989-009	USA	<i>American Mineralogist</i> <b>75</b> (1990), 1200	<i>American Mineralogist</i> <b>75</b> (1990), 501
Bøgvadite	$\text{Na}_2\text{Ba}_2\text{SrAl}_4\text{F}_{20}$	A	1987-029	Denmark (Greenland)	<i>Bulletin of the Geological Society of Denmark</i> <b>37</b> (1988), 21	<i>Mineralogy and Petrology</i> <b>108</b> (2014), 479
Bohdanowiczite	$\text{AgBiSe}_2$	Rd	1978 s.p.	Poland	<i>Przegląd Geologiczny</i> <b>15</b> (1967), 240	<i>Mineralogical Magazine</i> <b>43</b> (1979), 131
Böhmite	$\text{AlO}(\text{OH})$	G	1927	France	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>184</b> (1927), 1661	<i>Clays and Clay Minerals</i> <b>29</b> (1981), 435
Bohseite	$\text{Ca}_4\text{Be}_{3+x}\text{Al}_{1-x}\text{Si}_9\text{O}_{25-x}(\text{OH})_{3+x}$ ( $x = 0$ to $1$ )	Rd	2015 s.p.	Denmark (Greenland)	<i>Mineralogical Magazine</i> <b>81</b> (2017), 35	
Bokite	$(\text{Al},\text{Fe})_{1.3}(\text{V}^{5+},\text{V}^{4+},\text{Fe}^{3+})_8\text{O}_{20}\cdot 7.5\text{H}_2\text{O}$	A	1967 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 51	<i>American Mineralogist</i> <b>75</b> (1990), 508
Boleite	$\text{KAg}_9\text{Pb}_{26}\text{Cu}_{24}\text{Cl}_{62}(\text{OH})_{48}$	Rn	1891	Mexico	<i>Bulletin de la Société Française de Minéralogie</i> <b>14</b> (1891), 283	<i>Canadian Mineralogist</i> <b>38</b> (2000), 801
Bolivarite	$\text{Al}_2(\text{PO}_4)(\text{OH})_3\cdot 4\text{H}_2\text{O}$	Q	1921	Spain	<i>Boletín de la Real Sociedad Española de Historia Natural</i> <b>21</b> (1921), 326	<i>Canadian Mineralogist</i> <b>33</b> (1995), 59
Boltwoodite	$(\text{K},\text{Na})(\text{UO}_2)(\text{SiO}_3\text{OH})\cdot 1.5\text{H}_2\text{O}$	G	1956	USA	<i>Science</i> <b>124</b> (1956), 931	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1069
Bonaccordite	$\text{Ni}_2\text{Fe}^{3+}\text{O}_2(\text{BO}_3)$	A	1974-019	South Africa	<i>Transactions of the Geological Society of South Africa</i> <b>77</b> (1974), 375	
Bonattite	$\text{Cu}(\text{SO}_4)\cdot 3\text{H}_2\text{O}$	G	1957	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Serie VIII</i> <b>22</b> (1957), 318	<i>Acta Crystallographica</i> <b>B24</b> (1968), 508
Bonazziite	$\text{As}_4\text{S}_4$	A	2013-141	Kyrgyzstan	<i>Mineralogical Magazine</i> <b>79</b> (2015), 121	
Bonshtedtite	$\text{Na}_3\text{Fe}^{2+}(\text{PO}_4)(\text{CO}_3)$	A	1981-026a	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 486	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>142(1)</b> (2013), 46
Boothite	$\text{Cu}(\text{SO}_4)\cdot 7\text{H}_2\text{O}$	G	1903	USA	<i>University of California Department of Geology Bulletin</i> <b>3</b> (1903), 207	<i>Australian Journal of Mineralogy</i> <b>10</b> (2004), 3
Boracite	$\text{Mg}_3\text{B}_7\text{O}_{13}\text{Cl}$	G	1789	Germany	<i>Bergmannisches Journal</i> <b>1</b> (1789), 393	<i>Zeitschrift für Kristallographie</i> <b>138</b> (1973), 64
Boralsilite	$\text{Al}_{16}\text{B}_6\text{O}_{30}(\text{Si}_2\text{O}_7)$	A	1996-029	Antarctica	<i>American Mineralogist</i> <b>83</b> (1998), 638	<i>American Mineralogist</i> <b>84</b> (1999), 1152



Borax	$\text{Na}_2\text{B}_4\text{O}_5(\text{OH})_4 \cdot 8\text{H}_2\text{O}$	G	?	unknown	original paper?	<i>Acta Crystallographica</i> <b>E64</b> (2008), i24
Borcarite	$\text{Ca}_4\text{MgB}_4\text{O}_6(\text{CO}_3)_2(\text{OH})_6$	A	1968 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>94</b> (1965), 180	<i>Mineralogical Magazine</i> <b>59</b> (1995), 297
Borisenkoite	$\text{Cu}_3[(\text{V}, \text{As})\text{O}_4]_2$	A	2015-113	Russia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Borishanskiite	$\text{Pd}_{1+x}(\text{As}, \text{Pb})_2$ ( $x = 0.0-0.2$ )	A	1974-010	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 57	
Bornemanite	$\text{Na}_6(\text{Na}\square)\text{Ba}_2\text{Tl}_2\text{Nb}_2(\text{Si}_2\text{O}_7)_4(\text{PO}_4)_2\text{O}_4(\text{OH})_2\text{F}_2$	Rd	1973-053	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 322	<i>Mineralogical Magazine</i> <b>71</b> (2007), 593
Bornhardtite	$\text{Co}^{2+}\text{Co}^{3+}_2\text{Se}_4$	G	1955	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1955), 133	
Bornite	$\text{Cu}_5\text{FeS}_4$	A	1962 s.p.	?	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>American Mineralogist</i> <b>90</b> (2005), 1256
Borocookeite	$\text{LiAl}_4(\text{Si}_3\text{B})\text{O}_{10}(\text{OH})_8$	A	2000-013	Russia	<i>American Mineralogist</i> <b>88</b> (2003), 830	
Borodaevite	$\text{Ag}_{4.83}\text{Fe}_{0.21}\text{Pb}_{0.45}(\text{Bi}, \text{Sb})_{8.84}\text{S}_{16}$	A	1991-037	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>121(4)</b> (1992), 113	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1997), 337
Boromullite	$\text{Al}_9\text{BSi}_2\text{O}_{19}$	A	2007-021	Australia	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 935	
Boromuscovite	$\text{KAl}_2(\text{Si}_3\text{B})\text{O}_{10}(\text{OH})_2$	A	1989-027	USA	<i>American Mineralogist</i> <b>76</b> (1991), 1998	<i>Canadian Mineralogist</i> <b>33</b> (1995), 859
Borovskite	$\text{Pd}_3\text{SbTe}_4$	A	1972-032	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 427	
Bortnikovite	$\text{Pd}_4\text{Cu}_3\text{Zn}$	A	2006-027	Russia	<i>Geology of Ore Deposits</i> <b>49</b> (2007), 318	
Boscardinite	$\text{TiPb}_4(\text{Sb}_7\text{As}_2)_{\Sigma=9}\text{S}_{18}$	A	2010-079	Italy	<i>Canadian Mineralogist</i> <b>50</b> (2012), 235	<i>Mineralogical Magazine</i> <b>81</b> (2017), 47
Bosiite	$\text{NaFe}^{3+}_3(\text{Al}_4\text{Mg}_2)(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	A	2014-094	Russia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 581	
Bosoite	$\text{SiO}_2 \cdot n\text{C}_x\text{H}_{2x+2}$	A	2014-023	Japan	CNMNC Newsletter 21 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 797	
Bostwickite	$\text{CaMn}^{3+}_6\text{Si}_3\text{O}_{16} \cdot 7\text{H}_2\text{O}$	A	1982-073	USA	<i>Mineralogical Magazine</i> <b>47</b> (1983), 387	
Botallackite	$\text{Cu}_2\text{Cl}(\text{OH})_3$	G	1865	United Kingdom	<i>Journal of the Chemical Society</i> <b>18</b> (1865), 212	<i>Mineralogical Magazine</i> <b>49</b> (1985), 87
Botryogen	$\text{MgFe}^{3+}(\text{SO}_4)_2(\text{OH}) \cdot 7\text{H}_2\text{O}$	G	1828	Sweden	<i>Annalen der Physik und Chemie</i> <b>12</b> (1828), 491	<i>Acta Crystallographica</i> <b>B24</b> (1968), 760
Bottinoite	$\text{NiSb}^{5+}_2(\text{OH})_{12} \cdot 6\text{H}_2\text{O}$	A	1991-029	Italy	<i>American Mineralogist</i> <b>77</b> (1992), 1301	<i>American Mineralogist</i> <b>81</b> (1996), 1494
Bouazzerite	$\text{Bi}_6(\text{Mg}, \text{Co})_{11}\text{Fe}_{14}(\text{AsO}_4)_{18}\text{O}_{12}(\text{OH})_4 \cdot 86\text{H}_2\text{O}$	A	2005-042	Morocco	<i>American Mineralogist</i> <b>92</b> (2007), 1630	
Boulangerite	$\text{Pb}_5\text{Sb}_4\text{S}_{11}$	G	1837	France	<i>Annalen der Physik und Chemie</i> <b>41</b> (1837), 216	<i>Canadian Mineralogist</i> <b>50</b> (2012), 181
Bournonite	$\text{CuPbSbS}_3$	G	1805	United Kingdom	System of Mineralogy, vol. II. Bell & Bradfute, Edinburgh (1805), 579	<i>Zeitschrift für Kristallographie</i> <b>131</b> (1970), 397
Boussingaultite	$(\text{NH}_4)_2\text{Mg}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	G	1864	Italy	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>58</b> (1864), 583	<i>Acta Crystallographica</i> <b>17</b> (1964), 1478
Bowieite	$\text{Rh}_2\text{S}_3$	A	1980-022	USA	<i>Canadian Mineralogist</i> <b>22</b> (1984), 543	
Boyleite	$\text{Zn}(\text{SO}_4) \cdot 4\text{H}_2\text{O}$	A	1977-026	Germany	<i>Chemie der Erde</i> <b>37</b> (1978), 73	<i>Acta Crystallographica</i> <b>E57</b> (2001), i109

Braccoite	$\text{NaMn}^{2+}_5[\text{Si}_5\text{O}_{14}(\text{OH})](\text{AsO}_3)(\text{OH})$	A	2013-093	Italy	<i>Mineralogical Magazine</i> <b>79</b> (2015), 171	
Bracewellite	$\text{CrO}(\text{OH})$	A	1967-035	Guyana	<i>U.S. Geological Survey Professional Paper</i> <b>887</b> (1976), 1	
Brackebuschite	$\text{Pb}_2\text{Mn}^{3+}(\text{VO}_4)_2(\text{OH})$	G	1880	Argentina	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>32</b> (1880), 708	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1027
Bradaczekite	$\text{NaCu}_4(\text{AsO}_4)_3$	A	2000-002	Russia	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1115	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(5)</b> (2001), 1
Bradleyite	$\text{Na}_3\text{Mg}(\text{PO}_4)(\text{CO}_3)$	G	1941	USA	<i>American Mineralogist</i> <b>26</b> (1941), 646	
Braggite	PtS	G	1932	South Africa	<i>Mineralogical Magazine</i> <b>23</b> (1932), 188	<i>Acta Crystallographica</i> <b>B29</b> (1973), 1446
Braithwaiteite	$\text{NaCu}^{2+}_5(\text{Sb}^{5+}\text{Ti}^{4+})\text{O}_2(\text{AsO}_4)_4[\text{AsO}_3(\text{OH})]_2 \cdot 8\text{H}_2\text{O}$	A	2006-050	Bolivia	<i>Canadian Mineralogist</i> <b>47</b> (2009), 947	<i>Journal of Coordination Chemistry</i> <b>61</b> (2008), 15
Braitschite-(Ce)	$\text{Ca}_{6.15}\text{Na}_{0.85}\text{REE}_{2.08}[\text{B}_6\text{O}_7(\text{OH})_3(\text{O},\text{OH})_{3.4}] \cdot \text{H}_2\text{O}$	A	1967-029	USA	<i>American Mineralogist</i> <b>53</b> (1968), 1081	<i>American Mineralogist</i> <b>96</b> (2011), 197
Brandãoite	$\text{BeAl}_2(\text{PO}_4)_2(\text{OH})_2(\text{H}_2\text{O})_5$	A	2016-071a	Brazil	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Brandholzite	$\text{MgSb}_2(\text{OH})_{12} \cdot 6\text{H}_2\text{O}$	A	1998-017	Germany	<i>American Mineralogist</i> <b>85</b> (2000), 593	<i>Journal of Geosciences</i> <b>55</b> (2010), 149
Brandtite	$\text{Ca}_2\text{Mn}^{2+}(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	G	1888	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>45</b> (1888), 417	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1181
Brannerite	$\text{UTi}_2\text{O}_6$	A	1967 s.p.	USA	<i>Journal of the Franklin Institute</i> <b>189</b> (1920), 225	<i>Canadian Mineralogist</i> <b>20</b> (1982), 271
Brannockite	$\text{KSn}_2(\text{Li}_3\text{Si}_{12})\text{O}_{30}$	A	1972-029	USA	<i>Mineralogical Record</i> <b>4</b> (1973), 73	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 153
Brassite	$\text{Mg}(\text{AsO}_3\text{OH}) \cdot 4\text{H}_2\text{O}$	A	1973-047	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>96</b> (1973), 365	<i>Acta Crystallographica</i> <b>B32</b> (1976), 1460
Braunerite	$\text{K}_2\text{Ca}(\text{UO}_2)(\text{CO}_3)_3 \cdot 6\text{H}_2\text{O}$	A	2015-123	Czech Republic	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Braunite	$\text{Mn}^{2+}\text{Mn}^{3+}_6\text{O}_8(\text{SiO}_4)$	G	1828	Germany / Italy	<i>Annalen der Physik und Chemie</i> <b>14</b> (1828), 197	<i>American Mineralogist</i> <b>61</b> (1976), 1226
Brazilianite	$\text{NaAl}_3(\text{PO}_4)_2(\text{OH})_4$	G	1945	Brazil	<i>American Mineralogist</i> <b>30</b> (1945), 572	<i>American Mineralogist</i> <b>98</b> (2013), 1624
Bredigite	$(\text{Ca},\text{Ba})\text{Ca}_{13}\text{Mg}_2(\text{SiO}_4)_8$	G	1948	United Kingdom	<i>Mineralogical Magazine</i> <b>28</b> (1948), 255	<i>American Mineralogist</i> <b>61</b> (1976), 74
Breithauptite	NiSb	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Acta Chemica Scandinavica</i> <b>23</b> (1969), 2621
Brendelite	$(\text{Bi},\text{Pb})_2(\text{Fe}^{3+},\text{Fe}^{2+})\text{O}_2(\text{OH})(\text{PO}_4)$	A	1997-001	Germany	<i>Mineralogy and Petrology</i> <b>63</b> (1998), 263	
Brenkite	$\text{Ca}_2(\text{CO}_3)\text{F}_2$	A	1977-036	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1978), 325	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>27</b> (1980), 261
Brewsterite-Ba	$\text{Ba}(\text{Al}_2\text{Si}_6)\text{O}_{16} \cdot 5\text{H}_2\text{O}$	A	1997 s.p.	USA / Italy	<i>Canadian Mineralogist</i> <b>31</b> (1993), 676	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 353
Brewsterite-Sr	$\text{Sr}(\text{Al}_2\text{Si}_6)\text{O}_{16} \cdot 5\text{H}_2\text{O}$	Rn	1997 s.p.	United Kingdom	<i>Edinburgh Philosophy Journal</i> <b>6</b> (1822), 112	<i>American Mineralogist</i> <b>72</b> (1987), 645
Brezinaite	$\text{Cr}_3\text{S}_4$	A	1969-004	USA	<i>American Mineralogist</i> <b>54</b> (1969), 1509	<i>Acta Crystallographica</i> <b>10</b> (1957), 620
Brianite	$\text{Na}_2\text{CaMg}(\text{PO}_4)_2$	A	1966-030	USA	<i>Geochimica et Cosmochimica Acta</i> <b>31</b> (1967), 1711	<i>American Mineralogist</i> <b>60</b> (1975), 717
Brianroulstonite	$\text{Ca}_3\text{B}_5\text{O}_6(\text{OH})_7\text{Cl}_2 \cdot 8\text{H}_2\text{O}$	A	1996-009	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 751	

Brianyoungite	$Zn_3(CO_3)(OH)_4$	A	1991-053	United Kingdom	<i>Mineralogical Magazine</i> <b>57</b> (1993), 665	
Briartite	$Cu_2FeGeS_4$	A	1965-018	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>88</b> (1965), 432	<i>Materials Research Bulletin</i> <b>14</b> (1979), 1195
Bridgmanite	$MgSiO_3$	A	2014-017	Australia (meteorite)	<i>Science</i> <b>346</b> (2014), 1100	<i>American Mineralogist</i> <b>1026</b> (2017), 357
Brindleyite	$(Ni,Al)_3(Si,Al)_2O_5(OH)_4$	A	1975-009a	Greece	<i>American Mineralogist</i> <b>63</b> (1978), 484	
Brinrobertsite	$(Na,K,Ca)_{0.3}(Al,Fe,Mg)_4(Si,Al)_8O_{20}(OH)_4 \cdot 3.5H_2O$	A	1997-040	United Kingdom	<i>Mineralogical Magazine</i> <b>66</b> (2002), 605	
Britholite-(Ce)	$(Ce,Ca)_5(SiO_4)_3(OH)$	Rn	1987 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 190	<i>American Mineralogist</i> <b>86</b> (2001), 1066
Britholite-(Y)	$(Y,Ca)_5(SiO_4)_3(OH)$	Rn	1966 s.p.	Japan	<i>Scientific Papers of the Institute of Physical and Chemical Research</i> <b>34</b> (1938), 1018	<i>Zeitschrift für Kristallographie</i> <b>206</b> (1993), 233
Britvinite	$Pb_{14}Mg_9(Si_{10}O_{28})(BO_3)_4(CO_3)_2(OH)_{12}F_2$	A	2006-031	Sweden	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(6)</b> (2007), 18	<i>Crystallography Reports</i> <b>53</b> (2008), 206
Brizziite	$NaSbO_3$	A	1993-044	Italy	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 667	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 431
Brochantite	$Cu_4(SO_4)(OH)_6$	A	1980 s.p.	Russia	<i>Annals of Philosophy</i> <b>8</b> (1824), 241	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 267
Brockite	$(Ca,Th,Ce)(PO_4) \cdot H_2O$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 1346	<i>Journal of Chemical Physics</i> <b>16</b> (1948), 1003
Brodtkorbite	$Cu_2HgSe_2$	A	1999-023	Argentina	<i>Canadian Mineralogist</i> <b>40</b> (2002), 225	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 663
Bromargyrite	$AgBr$	A	1962 s.p.	Mexico	<i>Annalen der Physik und Chemie</i> <b>153</b> (1849), 134	<i>Physical Review B</i> <b>59</b> (1999), 750
Bromellite	$BeO$	G	1925	Sweden	<i>Zeitschrift für Kristallographie</i> <b>62</b> (1925), 113	<i>Journal of Applied Physics</i> <b>59</b> (1986), 3728
Brontesite	$(NH_4)_3PbCl_5$	A	2008-039	Italy	<i>Canadian Mineralogist</i> <b>47</b> (2009), 1237	
Brookite	$TiO_2$	G	1825	United Kingdom	<i>Annals of Philosophy</i> <b>9</b> (1825), 140	<i>Canadian Mineralogist</i> <b>17</b> (1979), 77
Browneite	$MnS$	A	2012-008	Poland (meteorite)	<i>American Mineralogist</i> <b>97</b> (2012), 2056	
Brownleeite	$MnSi$	A	2008-011	IDP (interplanetary dust particle) over USA	<i>American Mineralogist</i> <b>95</b> (2010), 221	<i>Powder Diffraction</i> <b>6</b> (1991), 194
Brownmillerite	$Ca_2Fe^{3+}AlO_5$	A	1963-017	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1964), 22	<i>American Mineralogist</i> <b>89</b> (2004), 405
Brucite	$Mg(OH)_2$	G	1818	USA	<i>American Journal of Science</i> <b>1</b> (1818), 439	<i>American Mineralogist</i> <b>91</b> (2006), 127
Brüggenite	$Ca(IO_3)_2 \cdot H_2O$	A	1970-040	Chile	<i>Journal of Research of the U.S. Geological Survey</i> <b>2</b> (1974), 471	
Brugnatellite	$Mg_6Fe^{3+}(CO_3)(OH)_{13} \cdot 4H_2O$	Q	1909	Italy	<i>Rendiconti delle Sedute della Reale Accademia dei Lincei, Serie V</i> <b>18</b> (1909), 3	
Brumadoite	$Cu_3(Te^{6+}O_4)(OH)_4 \cdot 5H_2O$	A	2008-028	Brazil	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1201	
Brunogeierite	$Fe^{2+}_2Ge^{4+}O_4$	Rd	1972-004	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1972), 263	<i>Journal of Geosciences</i> <b>58</b> (2013), 71
Brushite	$Ca(PO_3OH) \cdot 2H_2O$	G	1865	Venezuela	<i>American Journal of Science and Arts</i> <b>39</b> (1865), 43	<i>Physics and Chemistry of Minerals</i> <b>31</b> (2004), 606

Bubnovaite	$K_2Na_8Ca(SO_4)_6$	A	2014-108	Russia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 677	
Buchwaldite	$NaCa(PO_4)$	A	1975-041	Denmark (Greenland)	<i>American Mineralogist</i> <b>62</b> (1977), 362	<i>Acta Crystallographica</i> <b>C39</b> (1983), 1483
Buckhornite	$(Pb_2BiS_3)(AuTe_2)$	A	1988-022	USA	<i>Canadian Mineralogist</i> <b>30</b> (1992), 1039	<i>Zeitschrift für Kristallographie</i> <b>215</b> (2000), 10
Buddingtonite	$(NH_4)(AlSi_3)O_8$	A	1963-001	USA	<i>American Mineralogist</i> <b>49</b> (1964), 831	<i>Physics and Chemistry of Minerals</i> <b>28</b> (2001), 188
Bukovite	$Cu_4Tl_2Se_4$	A	1970-029	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 529	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>138</b> (1980), 122
Bukovskýite	$Fe^{3+}_2(AsO_4)(SO_4)(OH) \cdot 7H_2O$	A	1967-022	Czech Republic	<i>Acta Universitatis Carolinae Geologica</i> <b>4</b> (1967), 297	<i>Journal of Mineralogical and Petrological Sciences</i> <b>107</b> (2012), 133
Bulachite	$Al_2(AsO_4)(OH)_3 \cdot 3H_2O$	A	1982-081	Germany	<i>Aufschluss</i> <b>34</b> (1983), 445	
Bulgakite	$Li_2(Ca,Na)Fe^{2+}_7Ti_2(Si_4O_{12})_2O_2(OH)_4(O,F)(H_2O)_2$	A	2014-041	Tajikistan	<i>Canadian Mineralogist</i> <b>54</b> (2016), 33	
Bultfonteinite	$Ca_2SiO_3(OH)F \cdot H_2O$	G	1932	South Africa	<i>Mineralogical Magazine</i> <b>23</b> (1932), 145	<i>Acta Crystallographica</i> <b>16</b> (1963), 551
Bunnoite	$Mn^{2+}_6AlSi_6O_{18}(OH)_3$	A	2014-054	Japan	<i>Mineralogy and Petrology</i> <b>110</b> (2016), 917	
Bunsenite	$NiO$	G	1868	Germany	A System of Mineralogy, 5th ed. Wiley, New York (1868), 134	
Burangaite	$NaFe^{2+}Al_5(PO_4)_4(OH)_6 \cdot 2H_2O$	A	1976-013	Rwanda	<i>Bulletin of the Geological Society of Finland</i> <b>49</b> (1977), 33	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1515
Burbankite	$(Na,Ca)_3(Sr,Ba,Ce)_3(CO_3)_5$	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 1169	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 507
Burckhardtite	$Pb_2(Fe^{3+}Te^{6+})(AlSi_3O_8)_6O_6$	A	1976-052	Mexico	<i>American Mineralogist</i> <b>64</b> (1979), 355	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1763
Burgessite	$Co_2(H_2O)_4[AsO_3(OH)]_2(H_2O)$	A	2007-055	Canada	<i>Canadian Mineralogist</i> <b>47</b> (2009), 159	<i>Canadian Mineralogist</i> <b>47</b> (2009), 165
Burkeite	$Na_4(SO_4)(CO_3)$	G	1921	USA	<i>Journal of Industrial and Engineering Chemistry</i> <b>13</b> (1921), 249	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 203
Burnettite	$CaVAlSiO_6$	A	2013-054	Mexico (meteorite)	CNMNC Newsletter 17 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2997	
Burnsite	$KCdCu_7O_2(SeO_3)_2Cl_9$	A	2000-050	Russia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1171	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1587
Burovaite-Ca	$(Na,K)_4Ca_2(Ti,Nb)_8[Si_4O_{12}]_4(OH,O)_8 \cdot 12H_2O$	A	2008-001	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(2)</b> (2009), 40	
Burpalite	$Na_4Ca_2Zr_2(Si_2O_7)_2F_4$	A	1988-036	Russia	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 177	
Burroite	$Ca_2(NH_4)_2(V_{10}O_{28}) \cdot 15H_2O$	A	2016-079	USA	<i>Canadian Mineralogist</i> <b>55</b> (2017), 473	
Burtite	$CaSn^{4+}(OH)_6$	A	1980-078	Morocco	<i>Canadian Mineralogist</i> <b>19</b> (1981), 397	
Buryatite	$Ca_3(Si,Fe^{3+},Al)(SO_4)B(OH)_4(OH,O)_6 \cdot 12H_2O$	A	2000-021	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(2)</b> (2001), 72	
Buseckite	$(Fe,Zn,Mn)S$	A	2011-070	Poland (meteorite)	<i>American Mineralogist</i> <b>97</b> (2012), 1226	
Buserite	$Na_4Mn_{14}O_{27} \cdot 21H_2O$ (?)	A	1970-024	Japan	<i>Helvetica Chimica Acta</i> <b>54</b> (1971), 1112	<i>American Mineralogist</i> <b>68</b> (1983), 972
Bushmakinite	$Pb_2Al(PO_4)(VO_4)(OH)$	A	2001-031	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(2)</b> (2002), 62	<i>Doklady Earth Sciences</i> <b>382</b> (2002), 100

Bussenite	$\text{Ba}_4(\text{Na}, \square)_2(\text{Fe}^{2+}, \text{Na})_2\text{Ti}_2(\text{Si}_2\text{O}_7)_2(\text{CO}_3)_2\text{O}_2(\text{OH})_2(\text{H}_2\text{O})_2\text{F}_2$	Rd	2000-035	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 50	<i>Crystallography Reports</i> <b>47</b> (2002), 43
Bussyite-(Ce)	$(\text{Ce}, \text{REE})_3(\text{Na}, \text{H}_2\text{O})_6\text{MnSi}_9\text{Be}_5(\text{O}, \text{OH})_{30}\text{F}_4$	A	2007-039	Canada	<i>Canadian Mineralogist</i> <b>47</b> (2009), 193	
Bussyite-(Y)	$(\text{Y}, \text{REE}, \text{Ca})_3(\text{Na}, \text{Ca})_6\text{MnSi}_9\text{Be}_5(\text{O}, \text{F}, \text{OH})_{34}$	A	2014-060	Canada	<i>Canadian Mineralogist</i> <b>53</b> (2015), 235	
Bustamite	$\text{CaMn}^{2+}\text{Si}_2\text{O}_6$	G	1826	USA	<i>Annales des Sciences Naturelles</i> <b>8</b> (1826), 411	<i>American Mineralogist</i> <b>63</b> (1978), 274
Butianite	$\text{Ni}_6\text{SnS}_2$	A	2016-028	Mexico (meteorite)	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Butlerite	$\text{Fe}^{3+}(\text{SO}_4)(\text{OH}) \cdot 2\text{H}_2\text{O}$	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 203	<i>American Mineralogist</i> <b>56</b> (1971), 751
Bütschliite	$\text{K}_2\text{Ca}(\text{CO}_3)_2$	G	1947	USA	<i>American Mineralogist</i> <b>32</b> (1947), 607	<i>Acta Crystallographica</i> <b>C40</b> (1984), 1299
Buttgenbachite	$\text{Cu}_{36}(\text{NO}_3)_2\text{Cl}_8(\text{OH})_{62} \cdot n\text{H}_2\text{O}$	G	1925	Democratic Republic of the Congo	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>181</b> (1925), 421	<i>Mineralogical Magazine</i> <b>67</b> (2003), 47
Byelorussite-(Ce)	$\text{NaBa}_2\text{Ce}_2\text{Mn}^{2+}\text{Ti}_2\text{Si}_8\text{O}_{26}(\text{F}, \text{OH}) \cdot \text{H}_2\text{O}$	A	1988-042	Belarus	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(5)</b> (1989), 100	<i>Crystallography Reports</i> <b>49</b> (2004), 964
Bykovaite	$(\text{Ba}, \text{Na}, \text{K})_2(\text{Na}, \text{Ti}, \text{Mn})_4(\text{Ti}, \text{Nb})_2\text{O}_2\text{Si}_4\text{O}_{14}(\text{H}_2\text{O}, \text{F}, \text{OH})_2 \cdot 3.5\text{H}_2\text{O}$	A	2003-044	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(5)</b> (2005), 40	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 251
Byrudite	$(\text{Be}, \square)(\text{V}^{3+}, \text{Ti})_3\text{O}_6$	A	2013-045	Norway	<i>Mineralogical Magazine</i> <b>79</b> (2015), 261	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1147
Bystrite	$(\text{Na}, \text{K})_7\text{Ca}(\text{Si}_6\text{Al}_6)\text{O}_{24}(\text{S}^{2-})_{1.5} \cdot \text{H}_2\text{O}$	A	1990-008	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>120(3)</b> (1991), 97	<i>Doklady Akademii Nauk SSSR</i> <b>319</b> (1991), 873
Byströmite	$\text{MgSb}^{5+}_2\text{O}_6$	G	1952	Mexico	<i>American Mineralogist</i> <b>37</b> (1952), 53	
Bytízite	$\text{Cu}_3\text{SbSe}_3$	A	2016-044	Czech Republic	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Byzantievite	$\text{Ba}_5(\text{Ca}, \text{REE}, \text{Y})_{22}(\text{Ti}, \text{Nb})_{18}(\text{SiO}_4)_4[(\text{PO}_4), (\text{SiO}_4)]_4(\text{BO}_3)_9\text{O}_{22}[(\text{OH}), \text{F}]_{43}(\text{H}_2\text{O})_{1.5}$	A	2009-001	Tajikistan	<i>Mineralogical Magazine</i> <b>74</b> (2010), 285	
Cabalarite	$\text{CaMg}_2(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1997-012	Switzerland	<i>American Mineralogist</i> <b>85</b> (2000), 1307	
Cabriite	$\text{Pd}_2\text{CuSn}$	A	1981-057	Russia	<i>Canadian Mineralogist</i> <b>21</b> (1983), 481	
Cabvinite	$\text{Th}_2\text{F}_7(\text{OH}) \cdot 3\text{H}_2\text{O}$	A	2016-011	Italy	<i>American Mineralogist</i> <b>102</b> (2017), 1384	
Cacoxenite	$\text{Fe}^{3+}_{24}\text{AlO}_6(\text{PO}_4)_{17}(\text{OH})_{12} \cdot 75\text{H}_2\text{O}$	G	1826	Czech Republic	<i>Archiv für die Gesamte Naturlehre</i> <b>8</b> (1826), 446	<i>Nature</i> <b>306</b> (1983), 356
Cadmium	Cd	A	1980-086a	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 304	<i>Journal of Chemical Physics</i> <b>3</b> (1935), 605
Cadmoindite	$\text{CdIn}_2\text{S}_4$	A	2003-042	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(4)</b> (2004), 21	
Cadmoselite	CdSe	G	1957	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>86</b> (1957), 626	<i>Acta Crystallographica</i> <b>A33</b> (1977), 355
Cadwaladerite	$\text{AlCl}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	Q	1941	Chile	<i>Academy of Natural Science of Philadelphia, Notulae Naturae</i> <b>80</b> (1941)	
Caesiumpharmacosiderite	$\text{CsFe}_4[(\text{AsO}_4)_3(\text{OH})_4] \cdot 4\text{H}_2\text{O}$	A	2013-096	Chile	CNMNC Newsletter 18 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 3249	

Cafarsite	$\text{Ca}_{5.9}\text{Mn}_{1.7}\text{Fe}_3\text{Ti}_3(\text{AsO}_3)_{12} \cdot 4\text{-}5\text{H}_2\text{O}$	A	1965-036	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>46</b> (1966), 367	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>57</b> (1977), 1
Cafetite	$\text{CaTi}_2\text{O}_5 \cdot \text{H}_2\text{O}$	A	1962 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>88</b> (1959), 444	<i>American Mineralogist</i> <b>88</b> (2003), 424
Cahnite	$\text{Ca}_2\text{B}(\text{AsO}_4)(\text{OH})_4$	G	1927	USA	<i>American Mineralogist</i> <b>12</b> (1927), 149	<i>American Mineralogist</i> <b>46</b> (1961), 1077
Cairncrossite	$\text{Sr}_2\text{Ca}_{7-x}\text{Na}_{2x}(\text{Si}_4\text{O}_{10})_4(\text{OH})_2(\text{H}_2\text{O})_{15-x}$	A	2013-012	South Africa	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 495	
Calamaite	$\text{Na}_2\text{TiO}(\text{SO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	2016-036	Chile	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Calaverite	$\text{AuTe}_2$	G	1868	USA	<i>American Journal of Science and Arts</i> <b>95</b> (1868), 305	<i>Acta Crystallographica</i> <b>B49</b> (1993), 6
Calciborite	$\text{CaB}_2\text{O}_4$	G	1956	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>85</b> (1956), 76	<i>Doklady Akademii Nauk SSSR</i> <b>251</b> (1980), 1122
Calcinaksite	$\text{KNaCa}(\text{Si}_4\text{O}_{10}) \cdot \text{H}_2\text{O}$	A	2013-081	Germany	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 397	
Calcioancylite-(Ce)	$(\text{Ce}, \text{Ca}, \text{Sr})\text{CO}_3(\text{OH}, \text{H}_2\text{O})$	Rn	1987 s.p.	Russia	<i>Comptes Rendus de l'Academie des Sciences de Russie</i> (1922), 60	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>171</b> (1997), 309
Calcioancylite-(Nd)	$\text{Nd}_{2.8}\text{Ca}_{1.2}(\text{CO}_3)_4(\text{OH})_3 \cdot \text{H}_2\text{O}$	Rn	1989-008	Italy	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 413	
Calcioandryobertsite	$\text{KCuCu}_5(\text{AsO}_4)_4[\text{As}(\text{OH})_2\text{O}_2] \cdot 2\text{H}_2\text{O}$	Rn	1997-023	Namibia	<i>Mineralogical Record</i> <b>30</b> (1999), 181	<i>Canadian Mineralogist</i> <b>38</b> (2000), 817
Calcioaravaipaite	$\text{PbCa}_2\text{AlF}_9$	A	1994-018	USA	<i>Mineralogical Record</i> <b>27</b> (1996), 293	<i>American Mineralogist</i> <b>96</b> (2011), 402
Calcioburbankite	$\text{Na}_3(\text{Ca}, \text{Ce}, \text{Sr}, \text{La})_3(\text{CO}_3)_5$	A	1993-001	Canada	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1231	<i>Crystallography Reports</i> <b>46</b> (2001), 927
Calciocatapleite	$\text{CaZrSi}_3\text{O}_9 \cdot 2\text{H}_2\text{O}$	Rn	2007 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>154</b> (1964), 607	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1037
Calciocopiapite	$\text{CaFe}^{3+}_4(\text{SO}_4)_6(\text{OH})_2 \cdot 20\text{H}_2\text{O}$	A	1967 s.p.	Azerbaijan	<i>Trudy Azerbaidzhanskogo Geograficheskogo Obshchestva</i> (1960), 49	
Calciodelrioite	$\text{Ca}(\text{VO}_3)_2 \cdot 4\text{H}_2\text{O}$	A	2012-031	USA	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2803	
Calcioferrite	$\text{Ca}_4\text{MgFe}^{3+}_4(\text{PO}_4)_6(\text{OH})_4 \cdot 12\text{H}_2\text{O}$	G	1858	Germany	<i>Neues Jahrbuch für Mineralogie, Geognosie, Geologie und Petrefakten-Kunde</i> (1858), 287	<i>Acta Crystallographica</i> <b>E70</b> (2014), i16
Calciohilairite	$\text{CaZrSi}_3\text{O}_9 \cdot 3\text{H}_2\text{O}$	A	1984-023	USA	<i>American Mineralogist</i> <b>73</b> (1988), 1191	<i>Crystallography Reports</i> <b>47</b> (2002), 748
Calciojohillerite	$\text{NaCaMg}_3(\text{AsO}_4)_3$	A	2016-068	Russia	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Calciolangbeinite	$\text{K}_2\text{Ca}_2(\text{SO}_4)_3$	A	2011-067	Russia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 673	
Calciomurmanite	$(\text{Na}, \square)_2\text{Ca}(\text{Ti}, \text{Mg}, \text{Nb})_4[\text{Si}_2\text{O}_7]_2\text{O}_2(\text{OH}, \text{O})_2(\text{H}_2\text{O})_4$	Rd	2014-103	Russia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 835	
Calcio-olivine	$\text{Ca}_2(\text{SiO}_4)$	Rd	2007 s.p.	Germany / Russia	<i>Geology of Ore Deposits</i> <b>51</b> (2009), 741	<i>Crystallography Reports</i> <b>53</b> (2008), 404
Calciopetersite	$\text{CaCu}_6(\text{PO}_4)_2(\text{PO}_3\text{OH})(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	A	2001-004	Czech Republic	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1393	
Calciosamarskite	$(\text{Ca}, \text{Fe}, \text{Y})(\text{Nb}, \text{Ta}, \text{Ti})\text{O}_4$	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 63	<i>Mineralogical Magazine</i> <b>63</b> (1999), 27
Calciotantite	$\text{CaTa}_4\text{O}_{11}$	A	1981-039	Russia	<i>Mineralogicheskii Zhurnal</i> <b>4(3)</b> (1982), 75	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1289
Calciouranoite	$(\text{Ca}, \text{Ba}, \text{Pb}, \text{K}, \text{Na})\text{U}_2\text{O}_7 \cdot 5\text{H}_2\text{O}$	A	1973-004	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 108	<i>Doklady Akademii Nauk SSSR</i> <b>262</b> (1982), 209

Calcoursilite	$\text{Ca}_4(\text{UO}_2)_4(\text{Si}_2\text{O}_5)_5(\text{OH})_6 \cdot 15\text{H}_2\text{O}$	G	1957	Tajikistan	Voprosy Geologii Urana. Atomic Press, Moscow (1957), 73	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 553
Calcite	$\text{Ca}(\text{CO}_3)$	G	1836	unknown	<i>Magazin für die Oryktographie von Sachsen</i> <b>7</b> (1836), 118	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1225
Calcjarlite	$\text{Na}_2(\text{Ca}, \square)_{14}(\text{Mg}, \square)_2\text{Al}_{12}\text{F}_{64}(\text{OH})_4$	A ?	1973	Russia	<i>Konstitutsiya i Svoistva Mineralov</i> <b>7</b> (1973), 131	
Calclacite	$\text{Ca}(\text{CH}_3\text{COO})\text{Cl} \cdot 5\text{H}_2\text{O}$	G	1945	Belgium	<i>Bulletin du Musée Royal d'Histoire Naturelle de Belgique</i> <b>21</b> (1945), n. 26	
Calcurmolite	$(\text{Ca}_{1-x}\text{Na}_x)_2(\text{UO}_2)_3(\text{MoO}_4)_2(\text{OH})_{6-x} \cdot n\text{H}_2\text{O}$	A	1988-xxx	Armenia	<i>Yadernoe Goryuchee i Reaktornye Metally</i> <b>3</b> (1959), 160	<i>New Data on Minerals</i> <b>40</b> (2005), 29
Calcybeborosilite-(Y)	$(\text{Y}, \text{REE}, \text{Ca})_2(\text{B}, \text{Be})_2(\text{SiO}_4)_2(\text{OH}, \text{O})_2$	Q	?	Tajikistan	<i>Moscow University Geology Bulletin</i> <b>55</b> (2000), 62	
Calderite	$\text{Mn}^{2+}_3\text{Fe}^{3+}_2(\text{SiO}_4)_3$	G	1909	India (or unknown)	<i>Memoirs of the Geological Survey of India</i> <b>37</b> (1909), 182	<i>Canadian Mineralogist</i> <b>17</b> (1979), 569
Calderónite	$\text{Pb}_2\text{Fe}^{3+}(\text{VO}_4)_2(\text{OH})$	A	2001-022	Spain	<i>American Mineralogist</i> <b>88</b> (2003), 1703	
Caledonite	$\text{Cu}_2\text{Pb}_5(\text{SO}_4)_3(\text{CO}_3)(\text{OH})_6$	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 367	<i>Canadian Mineralogist</i> <b>47</b> (2009), 649
Calkinsite-(Ce)	$\text{Ce}_2(\text{CO}_3)_3 \cdot 4\text{H}_2\text{O}$	A	1987 s.p.	USA	<i>American Mineralogist</i> <b>38</b> (1953), 1169	
Callaghanite	$\text{Cu}_2\text{Mg}_2(\text{CO}_3)(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	G	1954	USA	<i>American Mineralogist</i> <b>39</b> (1954), 630	<i>American Mineralogist</i> <b>58</b> (1973), 551
Calomel	$\text{HgCl}$	G	?	unknown	original paper?	<i>Zeitschrift für Kristallographie</i> <b>187</b> (1989), 305
Calumetite	$\text{Cu}(\text{OH})_2 \cdot 2\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>48</b> (1963), 614	
Calvertite	$\text{Cu}_5\text{Ge}_{0.5}\text{S}_4$	A	2006-030	Namibia	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1519	
Calzirtite	$\text{Ca}_2\text{Zr}_5\text{Ti}_2\text{O}_{16}$	A	1967 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>137</b> (1961), 681	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1997), 467
Cámaraite	$\text{Ba}_3\text{NaFe}^{2+}_8\text{Ti}_4(\text{Si}_2\text{O}_7)_4\text{O}_4(\text{OH})_4\text{F}_3$	Rd	2009-011	Kazakhstan	<i>Mineralogical Magazine</i> <b>73</b> (2009), 847	<i>Mineralogical Magazine</i> <b>73</b> (2009), 855
Camaronesite	$\text{Fe}^{3+}_2(\text{PO}_3\text{OH})_2(\text{SO}_4)(\text{H}_2\text{O})_4 \cdot 1-2\text{H}_2\text{O}$	A	2012-094	Chile	<i>Mineralogical Magazine</i> <b>77</b> (2013), 453	
Camérolaite	$\text{Cu}_6\text{Al}_3(\text{OH})_{18}(\text{H}_2\text{O})_2[\text{Sb}(\text{OH})_6](\text{SO}_4)$	Rn	1990-036	France	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 481	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1527
Cameronite	$\text{Cu}_{5-x}(\text{Cu}, \text{Ag})_{3+x}\text{Te}_{10}$ ( $x = 0.43$ )	A	1984-069	USA	<i>Canadian Mineralogist</i> <b>24</b> (1986), 379	<i>Canadian Mineralogist</i> <b>52</b> (2014), 423
Camgasite	$\text{CaMg}(\text{AsO}_4)(\text{OH}) \cdot 5\text{H}_2\text{O}$	A	1988-031	Germany	<i>Aufschluss</i> <b>40</b> (1989), 369	
Caminite	$\text{Mg}_7(\text{SO}_4)_5(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	1983-015	Pacific Ocean	<i>American Mineralogist</i> <b>71</b> (1986), 819	<i>Vestnik Moskovskogo Universiteta, Ser. 4 Geologiya</i> <b>44</b> (1989), 76
Campigliaite	$\text{Cu}_4\text{Mn}^{2+}(\text{SO}_4)_2(\text{OH})_6 \cdot 4\text{H}_2\text{O}$	A	1981-001	Italy	<i>American Mineralogist</i> <b>67</b> (1982), 385	<i>American Mineralogist</i> <b>67</b> (1982), 388
Campostriniite	$(\text{Bi}_{2.5}\text{Na}_{0.5})(\text{NH}_4)_2\text{Na}_2(\text{SO}_4)_6 \cdot \text{H}_2\text{O}$	A	2013-086a	Italy	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1007	
Canaphite	$\text{Na}_2\text{CaP}_2\text{O}_7 \cdot 4\text{H}_2\text{O}$	A	1983-067	USA	<i>Mineralogical Record</i> <b>16</b> (1985), 467	<i>American Mineralogist</i> <b>73</b> (1988), 168
Canasite	$\text{K}_3\text{Na}_3\text{Ca}_5\text{Si}_{12}\text{O}_{30}(\text{OH})_4$	A	1962 s.p.	Russia	<i>Trudy Mineralogicheskogo Muzeya Akademii Nauk SSSR</i> <b>9</b> (1959), 158	<i>Acta Crystallographica</i> <b>A43</b> , suppl. (1987), C159
Canavesite	$\text{Mg}_2(\text{HBO}_3)(\text{CO}_3) \cdot 5\text{H}_2\text{O}$	A	1977-025	Italy	<i>Canadian Mineralogist</i> <b>16</b> (1978), 69	
Cancrinite	$(\text{Na}, \text{Ca}, \square)_8(\text{Al}_6\text{Si}_6)\text{O}_{24}(\text{CO}_3, \text{SO}_4)_2 \cdot 2\text{H}_2\text{O}$	G	1833	Russia	Elemente der Krystallographie. Mittler, Berlin (1833), 155	<i>American Mineralogist</i> <b>91</b> (2006), 1117
Cancrisilite	$\text{Na}_7(\text{Si}_7\text{Al}_5)\text{O}_{24}(\text{CO}_3) \cdot 3\text{H}_2\text{O}$	A	1990-013	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>120(6)</b> (1991), 80	
Canfieldite	$\text{Ag}_8\text{SnS}_6$	G	1894	Bolivia	<i>American Journal of Science</i> <b>47</b> (1894), 451	<i>Canadian Mineralogist</i> <b>50</b> (2012), 111

Cannizzarite	$\text{Pb}_8\text{Bi}_{10}\text{S}_{23}$	G	1924	Italy	<i>Annali dell'Osservatorio Vesuviano</i> <b>1</b> (1924), 31-36	<i>Canadian Mineralogist</i> <b>48</b> (2010), 483
Cannonite	$\text{Bi}_2\text{O}(\text{SO}_4)(\text{OH})_2$	A	1992-002	USA	<i>Mineralogical Magazine</i> <b>56</b> (1992), 605	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3067
Canosoite	$\text{Ba}_2\text{Fe}^{3+}(\text{AsO}_4)_2(\text{OH})$	A	2015-030	Italy	<i>Mineralogical Magazine</i> <b>81</b> (2017), 305	
Canutite	$\text{NaMn}_3(\text{AsO}_4)[\text{AsO}_3(\text{OH})]_2$	A	2013-070	Chile	<i>Mineralogical Magazine</i> <b>78</b> (2014), 787	
Caoxite	$\text{Ca}(\text{C}_2\text{O}_4) \cdot 3\text{H}_2\text{O}$	A	1996-012	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1997), 84	<i>Mineralogical Magazine</i> <b>69</b> (2005), 77
Capgaronnite	$\text{AgHgClS}$	A	1990-011	France	<i>American Mineralogist</i> <b>77</b> (1992), 197	
Cappelenite-(Y)	$\text{BaY}_6\text{B}_6\text{Si}_3\text{O}_{24}\text{F}_2$	A	1987 s.p.	Norway	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>7</b> (1894) 598	<i>American Mineralogist</i> <b>69</b> (1984), 190
Capranicaite	$\text{KCaNaAl}_4\text{B}_4\text{Si}_2\text{O}_{18}$	A	2009-086	Italy	<i>Mineralogical Magazine</i> <b>75</b> (2011), 33	
Caracolite	$\text{Na}_2(\text{Pb}_2\text{Na})(\text{SO}_4)_3\text{Cl}$	G	1886	Chile	<i>Sitzungsberichte der Königlich Preussischen Akademie der Wissenschaften</i> <b>48</b> (1886), 1045	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1969), 58
Carborborite	$\text{Ca}_2\text{Mg}[\text{B}(\text{OH})_4]_2(\text{CO}_3)_2 \cdot 4\text{H}_2\text{O}$	A	1967 s.p.	China	<i>Scientia Sinica</i> <b>13</b> (1964), 813	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 578
Carbobystrite	$\text{Na}_8(\text{Al}_6\text{Si}_6\text{O}_{24})(\text{CO}_3) \cdot 4\text{H}_2\text{O}$	A	2009-028	Russia	<i>Canadian Mineralogist</i> <b>48</b> (2010), 291	
Carbocernaite	$(\text{Sr}, \text{Ce}, \text{La})(\text{Ca}, \text{Na})(\text{CO}_3)_2$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>90</b> (1961), 42	<i>American Mineralogist</i> <b>102</b> (2017), 1340
Carboirite	$\text{Fe}^{2+}\text{Al}_2\text{GeO}_5(\text{OH})_2$	A	1980-066	France	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>31</b> (1983), 97	
Carbokentbrooksit	$(\text{Na}, \square)_{12}(\text{Na}, \text{Ce})_3\text{Ca}_6\text{Mn}_3\text{Zr}_3\text{NbSi}_{25}\text{O}_{73}(\text{OH})_3(\text{CO}_3) \cdot \text{H}_2\text{O}$	A	2002-056	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(5)</b> (2003), 40	
Carbonatecyanotrichite	$\text{Cu}_4\text{Al}_2(\text{CO}_3)(\text{OH})_{12} \cdot 2\text{H}_2\text{O}$	Rn	1967 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 458	<i>Canadian Mineralogist</i> <b>47</b> (2009), 635
Cardite	$\text{Zn}_{5.5}(\text{AsO}_4)_2(\text{AsO}_3\text{OH})(\text{OH})_3 \cdot 3\text{H}_2\text{O}$	A	2015-125	Australia	<i>CNMNC Newsletter</i> 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Carducciite	$(\text{AgSb})\text{Pb}_6(\text{As}, \text{Sb})_8\text{S}_{20}$	A	2013-006	Italy	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1775	
Caresite	$\text{Fe}^{2+}_4\text{Al}_2(\text{OH})_{12}(\text{CO}_3) \cdot 3\text{H}_2\text{O}$	A	1992-030	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1541	
Carletonite	$\text{KNa}_4\text{Ca}_4\text{Si}_8\text{O}_{18}(\text{CO}_3)_4(\text{F}, \text{OH}) \cdot \text{H}_2\text{O}$	A	1969-016	Canada	<i>American Mineralogist</i> <b>56</b> (1971), 1855	<i>American Mineralogist</i> <b>57</b> (1972), 765
Carlfrancisite	$\text{Mn}^{2+}_3(\text{Mn}^{2+}, \text{Mg}, \text{Fe}^{3+}, \text{Al})_{42}(\text{As}^{3+}\text{O}_3)_2(\text{As}^{5+}\text{O}_4)_4$ $[(\text{Si}, \text{As}^{5+})\text{O}_4]_6[(\text{As}^{5+}, \text{Si})\text{O}_4]_2(\text{OH})_{42}$	A	2012-033	Namibia	<i>American Mineralogist</i> <b>98</b> (2013), 1693	
Carlfrisesite	$\text{CaTe}^{6+}(\text{Te}^{4+})_2\text{O}_8$	A	1973-013	Mexico	<i>Mineralogical Magazine</i> <b>40</b> (1975), 127	<i>American Mineralogist</i> <b>63</b> (1978), 847
Carlgieseckeite-(Nd)	$\text{NaNdCa}_3(\text{PO}_4)_3\text{F}$	A	2010-036	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>50</b> (2012), 571	
Carlhintzeite	$\text{Ca}_2\text{AlF}_7 \cdot \text{H}_2\text{O}$	A	1978-031	Germany	<i>Canadian Mineralogist</i> <b>17</b> (1979), 103	<i>Mineralogical Magazine</i> <b>74</b> (2010), 623
Carlinitite	$\text{Ti}_2\text{S}$	A	1974-062	USA	<i>American Mineralogist</i> <b>60</b> (1975), 559	
Carlosbarbosaite	$(\text{UO}_2)_2\text{Nb}_2\text{O}_6(\text{OH})_2 \cdot 2\text{H}_2\text{O}$	A	2010-047	Brazil	<i>Mineralogical Magazine</i> <b>76</b> (2012), 75	
Carlosruizite	$\text{K}_3\text{Na}_2\text{Na}_3\text{Mg}_5(\text{IO}_3)_6(\text{SeO}_4)_6 \cdot 6\text{H}_2\text{O}$	A	1993-020	Chile	<i>American Mineralogist</i> <b>79</b> (1994), 1003	
Carlosturanite	$(\text{Mg}, \text{Fe}^{2+}, \text{Ti})_{21}(\text{Si}, \text{Al})_{12}\text{O}_{28}(\text{OH})_{34} \cdot \text{H}_2\text{O}$	A	1984-009	Italy	<i>American Mineralogist</i> <b>70</b> (1985), 767	<i>American Mineralogist</i> <b>70</b> (1985), 773
Carlsbergite	$\text{CrN}$	A	1971-026	Denmark (Greenland)	<i>Nature Physical Science</i> <b>233</b> (1971), 113	<i>Mineralogical Magazine</i> <b>70</b> (2006), 373
Carlsonite	$(\text{NH}_4)_5\text{Fe}^{3+}_3\text{O}(\text{SO}_4)_6 \cdot 7\text{H}_2\text{O}$	A	2014-067	USA	<i>American Mineralogist</i> <b>101</b> (2016), 2095	
Carmichaelite	$(\text{Ti}, \text{Cr}, \text{Fe})(\text{O}, \text{OH})_2$	A	1996-062	USA	<i>American Mineralogist</i> <b>85</b> (2000), 792	



Carminite	$\text{PbFe}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2$	G	1850	Germany	<i>Annalen der Physik und Chemie</i> <b>80</b> (1850), 391	<i>Mineralogical Magazine</i> <b>60</b> (1996), 805
Carnallite	$\text{KMgCl}_3 \cdot 6\text{H}_2\text{O}$	G	1856	Germany	<i>Annalen der Physik und Chemie</i> <b>98</b> (1856), 161	<i>American Mineralogist</i> <b>70</b> (1985), 1309
Carnotite	$\text{K}_2(\text{UO}_2)_2(\text{VO}_4)_2 \cdot 3\text{H}_2\text{O}$	G	1899	USA	<i>Bulletin de la Société Française de Minéralogie</i> <b>22</b> (1899), 26	<i>American Mineralogist</i> <b>50</b> (1965), 825
Carobbiite	KF	G	1956	Italy	<i>Rendiconti della Società Mineralogica Italiana</i> <b>12</b> (1956), 212	
Carpathite	$\text{C}_{24}\text{H}_{12}$	A	1971 s.p.	Ukraine	<i>Mineralogicheskii Sbornik</i> <b>9</b> (1955), 120	<i>American Mineralogist</i> <b>92</b> (2007), 1262
Carpholite	$\text{Mn}^{2+}\text{Al}_2\text{Si}_2\text{O}_6(\text{OH})_4$	G	1817	Czech Republic	Letztes Mineral-System. Craz und Gerlach, Freiberg (1817), 43	<i>American Mineralogist</i> <b>74</b> (1989), 1084
Carraraite	$\text{Ca}_3\text{Ge}(\text{SO}_4)(\text{CO}_3)(\text{OH})_6 \cdot 12\text{H}_2\text{O}$	A	1998-002	Italy	<i>American Mineralogist</i> <b>86</b> (2001), 1293	
Carrboydite	$(\text{Ni}_{1-x}\text{Al}_x)(\text{SO}_4)_{x/2}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ ( $x < 0.5$ , $n > 3x/2$ )	Q	1974-033	Australia	<i>American Mineralogist</i> <b>61</b> (1976), 366	
Carrollite	$\text{CuCo}_2\text{S}_4$	G	1852	USA	<i>American Journal of Science and Arts</i> <b>13</b> (1852), 418	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1317
Caryinite	$(\text{Na}, \text{Pb})(\text{Ca}, \text{Na})\text{CaMn}^{2+}_2(\text{AsO}_4)_3$	A	1980 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>2</b> (1874), 178	<i>Mineralogical Magazine</i> <b>57</b> (1993), 721
Caryochroite	$(\text{Na}, \text{Sr})_3(\text{Fe}^{3+}, \text{Mg})_{10}\text{Ti}_2\text{Si}_{12}\text{O}_{37}(\text{H}_2\text{O}, \text{O}, \text{OH})_{17}$	A	2005-031	Russia	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1331	
Caryopilite	$\text{Mn}^{2+}_3\text{Si}_2\text{O}_5(\text{OH})_4$	A	1967 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>11</b> (1889), 27	<i>Canadian Mineralogist</i> <b>36</b> (1998), 163
Cascandite	$\text{CaScSi}_3\text{O}_8(\text{OH})$	A	1980-011	Italy	<i>American Mineralogist</i> <b>67</b> (1982), 599	<i>American Mineralogist</i> <b>67</b> (1982), 604
Cassagnaite	$\text{Ca}_4\text{Fe}^{3+}_4\text{V}^{3+}_2(\text{OH})_6\text{O}_2(\text{Si}_3\text{O}_{10})(\text{SiO}_4)_2$	A	2006-019a	Italy	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 95	
Cassedanneite	$\text{Pb}_5(\text{VO}_4)_2(\text{CrO}_4)_2 \cdot \text{H}_2\text{O}$	A	1984-063	Russia	<i>Comptes Rendus de l'Académie des Sciences de Paris, Ser. II</i> <b>306</b> (1988), 125	
Cassidyite	$\text{Ca}_2\text{Ni}(\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1966-024	Australia	<i>American Mineralogist</i> <b>52</b> (1967), 1190	
Cassiterite	$\text{SnO}_2$	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 618	<i>Acta Crystallographica</i> <b>B53</b> (1997), 373
Castellaroite	$\text{Mn}^{2+}_3(\text{AsO}_4)_2 \cdot 4.5\text{H}_2\text{O}$	A	2015-071	Italy	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 687	
Caswellsilverite	$\text{NaCrS}_2$	A	1981-012a	USA	<i>American Mineralogist</i> <b>67</b> (1982), 132	
Catalanoite	$\text{Na}_2(\text{HPO}_4) \cdot 8\text{H}_2\text{O}$	A	2002-008	Argentina	18th General Meeting of IMA, Edinburgh (2002), abstr.	
Catamarcaite	$\text{Cu}_6\text{GeWS}_8$	A	2003-020	Argentina	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1481	
Catapleite	$\text{Na}_2\text{Zr}(\text{Si}_3\text{O}_9) \cdot 2\text{H}_2\text{O}$	G	1859	Norway	<i>Annalen der Physik und Chemie</i> <b>79</b> (1850), 299	<i>Doklady Akademii Nauk SSSR</i> <b>260</b> (1981), 623
Cattierite	$\text{CoS}_2$	G	1945	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>30</b> (1945), 483	<i>Acta Crystallographica</i> <b>B47</b> (1991), 650
Cattiite	$\text{Mg}_3(\text{PO}_4)_2 \cdot 22\text{H}_2\text{O}$	A	2000-032	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2002), 160	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>142(2)</b> (2013), 120
Cavansite	$\text{Ca}(\text{V}^{4+}\text{O})(\text{Si}_4\text{O}_{10}) \cdot 4\text{H}_2\text{O}$	A	1967-019	USA	<i>American Mineralogist</i> <b>58</b> (1973), 405	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1267
Cavoite	$\text{CaV}_3\text{O}_7$	A	2001-024	Italy	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 181	<i>Acta Crystallographica</i> <b>B29</b> (1973), 269
Cayalsite-(Y)	$\text{CaY}_6\text{Al}_2\text{Si}_4\text{O}_{18}\text{F}_6$	A	2011-094	Norway	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 683	
Caysichite-(Y)	$(\text{Ca}, \text{Yb}, \text{Er})_4\text{Y}_4(\text{Si}_8\text{O}_{20})(\text{CO}_3)_6(\text{OH}) \cdot 7\text{H}_2\text{O}$	A	1973-044	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1974), 293	<i>Canadian Mineralogist</i> <b>16</b> (1978), 81

Cebaite-(Ce)	Ba <sub>3</sub> Ce <sub>2</sub> (CO <sub>3</sub> ) <sub>5</sub> F <sub>2</sub>	A	1987 s.p.	China	<i>Scientia Geologica Sinica</i> <b>4</b> (1983), 409	
Cebollite	Ca <sub>5</sub> Al <sub>2</sub> (SiO <sub>4</sub> ) <sub>3</sub> (OH) <sub>4</sub>	Q	1914	USA	<i>Washington Academy of Sciences, Ser. IV</i> <b>16</b> (1914), 480	<i>Mineralogical Magazine</i> <b>43</b> (1980), 583
Čechite	PbFe <sup>2+</sup> (VO <sub>4</sub> )(OH)	A	1980-068	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 520	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 34
Čejkaite	Na <sub>4</sub> (UO <sub>2</sub> )(CO <sub>3</sub> ) <sub>3</sub>	A	1999-045	Czech Republic	<i>American Mineralogist</i> <b>88</b> (2003), 686	<i>American Mineralogist</i> <b>98</b> (2013), 549
Celadonite	KMgFe <sup>3+</sup> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub>	A	1998 s.p.	Italy	Generum et specierum mineralium secundum ordines naturales digestorium synopsis. Halle (1847)	<i>Mineralogicheskij Zhurnal</i> <b>8(3)</b> (1986), 32
Celestine	Sr(SO <sub>4</sub> )	A	1967 s.p.	USA	<i>Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts. Dugour, Paris</i> (1792), 150	<i>Zeitschrift für Kristallographie</i> <b>121</b> (1965), 204
Celsian	Ba(Al <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> )	G	1895	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>17</b> (1895), 578	<i>American Mineralogist</i> <b>61</b> (1976), 414
Centennialite	CaCu <sub>3</sub> Cl <sub>2</sub> (OH) <sub>6</sub> ·nH <sub>2</sub> O (n ~ 0.7)	A	2013-110	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1105	
Cerchiarait-(Al)	Ba <sub>4</sub> Al <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> )O <sub>2</sub> (OH) <sub>4</sub> Cl <sub>2</sub> [Si <sub>2</sub> O <sub>3</sub> (OH) <sub>4</sub> ]	A	2012-011	USA	<i>Mineralogical Magazine</i> <b>77</b> (2013), 69	
Cerchiarait-(Fe)	Ba <sub>4</sub> Fe <sup>3+</sup> <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> )O <sub>2</sub> (OH) <sub>4</sub> Cl <sub>2</sub> [Si <sub>2</sub> O <sub>3</sub> (OH) <sub>4</sub> ]	A	2012-012	Italy / USA	<i>Mineralogical Magazine</i> <b>77</b> (2013), 69	
Cerchiarait-(Mn)	Ba <sub>4</sub> Mn <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> )O <sub>2</sub> (OH) <sub>4</sub> Cl <sub>2</sub> [Si <sub>2</sub> O <sub>3</sub> (OH) <sub>4</sub> ]	Rn	1999-012	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 373	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 185
Cerianite-(Ce)	CeO <sub>2</sub>	A	1987 s.p.	Canada	<i>American Mineralogist</i> <b>40</b> (1955), 560	<i>Physical Review B</i> <b>48</b> (1993), 178
Cerite-(Ce)	(Ce,La,Ca) <sub>9</sub> (Mg,Fe <sup>3+</sup> )(SiO <sub>4</sub> ) <sub>3</sub> (SiO <sub>3</sub> OH) <sub>4</sub> (OH) <sub>3</sub>	A	1987 s.p.	Sweden	<i>Neues Allgemeines Journal der Chemie</i> <b>2</b> (1804), 397	<i>American Mineralogist</i> <b>68</b> (1983), 996
Cerite-(La)	(La,Ce,Ca) <sub>9</sub> (Fe <sup>3+</sup> ,Ca,Mg)(SiO <sub>4</sub> ) <sub>3</sub> (SiO <sub>3</sub> OH) <sub>4</sub> (OH) <sub>3</sub>	A	2001-042	Russia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1177	
Cerium	Ce	Q	2002	Moon	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>382</b> (2002), 83	
Černýite	Cu <sub>2</sub> CdSnS <sub>4</sub>	A	1976-057	Canada	<i>Canadian Mineralogist</i> <b>16</b> (1978), 139	<i>Canadian Mineralogist</i> <b>16</b> (1978), 147
Ceruleite	Cu <sub>2</sub> Al <sub>7</sub> (AsO <sub>4</sub> ) <sub>4</sub> (OH) <sub>13</sub> ·11.5H <sub>2</sub> O	Rn	2007 s.p.	Chile	<i>Bulletin de la Société Française de Minéralogie</i> <b>23</b> (1900), 147	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1976), 418
Cerussite	Pb(CO <sub>3</sub> )	G	1845	Italy	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 503	<i>Zeitschrift für Kristallographie</i> <b>199</b> (1992), 67
Cervandonite-(Ce)	(Ce,Nd,La)(Fe <sup>3+</sup> ,Ti,Fe <sup>2+</sup> ,Al) <sub>3</sub> O <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>1-x+y</sub> (AsO <sub>3</sub> ) <sub>1+x-y</sub> (OH) <sub>3x-3y</sub>	A	1986-044	Italy / Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>68</b> (1988), 125	<i>Canadian Mineralogist</i> <b>46</b> (2008), 423
Cervantite	Sb <sup>3+</sup> Sb <sup>5+</sup> O <sub>4</sub>	Rd	1962 s.p.	Spain	A System of Mineralogy, 3rd ed. Putnam, New York (1850), 417	<i>Acta Crystallographica</i> <b>B33</b> (1977), 1271
Cervelleite	Ag <sub>4</sub> TeS	A	1986-018	Mexico	<i>European Journal of Mineralogy</i> <b>1</b> (1989), 371	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 413
Cesanite	Ca <sub>2</sub> Na <sub>3</sub> (SO <sub>4</sub> ) <sub>3</sub> OH	A	1980-023	Italy	<i>Mineralogical Magazine</i> <b>44</b> (1981), 269	<i>American Mineralogist</i> <b>87</b> (2002), 715
Césarferreiraite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	2012-099	Brazil	<i>American Mineralogist</i> <b>99</b> (2014), 607	
Cesàrolite	PbMn <sup>4+</sup> <sub>3</sub> O <sub>6</sub> (OH) <sub>2</sub>	G	1920	Tunisia	<i>Annales de la Société Géologique de Belgique</i> <b>43</b> (1920), 239	<i>Chemie der Erde</i> <b>26</b> (1967), 256
Cesbronite	Cu <sub>3</sub> Te <sup>6+</sup> O <sub>4</sub> (OH) <sub>4</sub>	Rd	1974-006	Mexico	<i>Mineralogical Magazine</i> <b>39</b> (1974), 744	
Cesiodymite	CsKCu <sub>5</sub> O(SO <sub>4</sub> ) <sub>5</sub>	A	2016-002	Russia	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Cesiokenopyrochlore	□Nb <sub>2</sub> (O,OH) <sub>6</sub> Cs <sub>1-x</sub>	A	2016-104	Madagascar	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	

Cesplumtantite	$\text{Cs}_2\text{Pb}_3\text{Ta}_8\text{O}_{24}$	A	1985-040	Democratic Republic of the Congo	<i>Mineralogicheskij Zhurnal</i> <b>8(5)</b> (1986), 92	
Cetineite	$\text{NaK}_5\text{Sb}_{14}\text{S}_6\text{O}_{18}(\text{H}_2\text{O})_6$	A	1986-019	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 419	<i>American Mineralogist</i> <b>73</b> (1988), 398
Chabazite-Ca	$\text{Ca}_2[\text{Al}_4\text{Si}_8\text{O}_{24}] \cdot 13\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>Journal d'Histoire Naturelle</i> <b>2</b> (1792), 181	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 351
Chabazite-K	$(\text{K}_2\text{NaCa}_{0.5})[\text{Al}_4\text{Si}_8\text{O}_{24}] \cdot 11\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei</i> <b>40</b> (1976), 490	<i>Crystallography Reports</i> <b>50</b> (2005), 544
Chabazite-Mg	$(\text{Mg}_{0.7}\text{K}_{0.5}\text{Ca}_{0.5}\text{Na}_{0.1})[\text{Al}_3\text{Si}_9\text{O}_{24}] \cdot 10\text{H}_2\text{O}$	A	2009-060	Hungary	<i>American Mineralogist</i> <b>95</b> (2010), 939	
Chabazite-Na	$(\text{Na}_3\text{K})[\text{Al}_4\text{Si}_8\text{O}_{24}] \cdot 11\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>American Mineralogist</i> <b>55</b> (1970), 1278	
Chabazite-Sr	$(\text{Sr}, \text{Ca})_2[\text{Al}_4\text{Si}_8\text{O}_{24}] \cdot 11\text{H}_2\text{O}$	A	1999-040	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(4)</b> (2000), 54	
Chabournéite	$\text{Ti}_4\text{Pb}_2(\text{Sb}, \text{As})_{20}\text{S}_{34}$	A	1976-042	France	<i>Bulletin de Minéralogie</i> <b>104</b> (1980), 10	<i>Zeitschrift für Kristallographie</i> <b>150</b> (1979), 85
Chadwickite	$(\text{UO}_2)(\text{HAsO}_3)$	A	1997-005	Germany	<i>Aufschluss</i> <b>49</b> (1998), 253	
Chaidamuite	$\text{ZnFe}^{3+}(\text{SO}_4)_2(\text{OH}) \cdot 4\text{H}_2\text{O}$	A	1985-011	China	<i>Acta Mineralogica Sinica</i> <b>6</b> (1986), 109	<i>Science in China, Ser. B</i> <b>33</b> (1990), 623
Chalcanthite	$\text{Cu}(\text{SO}_4) \cdot 5\text{H}_2\text{O}$	G	?	unknown	original paper?	<i>Zeitschrift für Kristallographie</i> <b>141</b> (1975), 330
Chalcoalumite	$\text{CuAl}_4(\text{SO}_4)(\text{OH})_{12} \cdot 3\text{H}_2\text{O}$	G	1925	USA	<i>American Mineralogist</i> <b>10</b> (1925), 79	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2901
Chalcocite	$\text{Cu}_2\text{S}$	G	1751	?	A History of the Materia Medica. Longman, Hitch and Hawes, London (1751), 140	<i>Zeitschrift für Kristallographie</i> <b>150</b> (1979), 299
Chalcocyanite	$\text{Cu}(\text{SO}_4)$	G	1873	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>5</b> (1873), 26	<i>Mineralogy and Petrology</i> <b>39</b> (1988), 201
Chalcomenite	$\text{Cu}(\text{Se}^{4+}\text{O}_3) \cdot 2\text{H}_2\text{O}$	G	1881	Argentina	<i>Bulletin de la Société Française de Minéralogie</i> <b>4</b> (1881), 51	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 551
Chalconatronite	$\text{Na}_2\text{Cu}(\text{CO}_3)_2 \cdot 3\text{H}_2\text{O}$	G	1955	Egypt	<i>Science</i> <b>122</b> (1955), 75	<i>Zeitschrift für Kristallographie</i> <b>148</b> (1978), 165
Chalcophanite	$\text{ZnMn}^{4+}_3\text{O}_7 \cdot 3\text{H}_2\text{O}$	G	1875	USA	<i>The American Chemist</i> <b>6</b> (1875), 1	<i>American Mineralogist</i> <b>73</b> (1988), 1401
Chalcopyllite	$\text{Cu}_{18}\text{Al}_2(\text{AsO}_4)_4(\text{SO}_4)_3(\text{OH})_{24} \cdot 36\text{H}_2\text{O}$	G	1841	United Kingdom	Vollständiges Handbuch der Mineralogie. Arnoldische, Dresden und Leipzig (1841), 149	<i>Zeitschrift für Kristallographie</i> <b>151</b> (1980), 129
Chalcopyrite	$\text{CuFeS}_2$	G	1725 ?	?	Pyritologia, oder Kiess-Historie. Gross, Leipzig (1725), 423	<i>Acta Crystallographica</i> <b>B29</b> (1973), 579
Chalcosiderite	$\text{CuFe}^{3+}_6(\text{PO}_4)_4(\text{OH})_8 \cdot 4\text{H}_2\text{O}$	G	1814	United Kingdom	Systematisch-Tabellarische Uebersicht der Mineralogisch-Einfachen Fossilien. Kriegerschen Buchhandlung, Cassel und Marburg (1814), 323	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 227
Chalcostibite	$\text{CuSbS}_2$	G	1847	Germany	Generum et specierum mineralium secundum ordines naturales digestorium synopsis. Halle (1847), 32	<i>American Mineralogist</i> <b>90</b> (2005), 162
Chalcothallite	$(\text{Cu}, \text{Fe}, \text{Ag})_{6.3}(\text{Ti}, \text{K})_2\text{SbS}_4$	A	1966-008	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>181</b> (1967), 13	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>138</b> (1980), 122
Challacolloite	$\text{KPb}_2\text{Cl}_5$	A	2004-028	Chile	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>182</b> (2005), 95	<i>Mineralogy and Petrology</i> <b>96</b> (2009), 121
Chambersite	$\text{Mn}_3\text{B}_7\text{O}_{13}\text{Cl}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 665	

Chaméanite	$(\text{Cu,Fe})_4\text{As}(\text{Se,S})_4$	A	1980-088	France	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>29</b> (1982), 151	
Chamosite	$(\text{Fe}^{2+},\text{Mg,Al,Fe}^{3+})_6(\text{Si,Al})_4\text{O}_{10}(\text{OH,O})_8$	G	1820	Switzerland	<i>Annales des Mines</i> <b>5</b> (1820), 393	<i>Clays and Clay Minerals</i> <b>40</b> (1992), 319
Chanabayaite	$\text{Cu}_2\text{Cl}(\text{N}_3\text{C}_2\text{H}_2)_2(\text{NH}_3,\text{Cl,H}_2\text{O},\square)_4$	A	2013-065	Chile	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>144(2)</b> (2015), 36	
Changbaiite	$\text{PbNb}_2\text{O}_6$	A ?	?	China	<i>Acta Geologica Sinica</i> <b>52</b> (1978), 53	
Changchengite	$\text{IrBiS}$	A	1995-047	China	<i>Acta Geologica Sinica</i> <b>71</b> (1997), 336	
Changoite	$\text{Na}_2\text{Zn}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	A	1997-041	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1999), 97	
Chantalite	$\text{CaAl}_2(\text{SiO}_4)(\text{OH})_4$	A	1977-001	Turkey	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>57</b> (1977), 149	<i>Zeitschrift für Kristallographie</i> <b>150</b> (1979), 53
Chaoite	C	A	1968-019	Germany	<i>Science</i> <b>161</b> (1968), 363	<i>Science</i> <b>216</b> (1982), 984
Chapmanite	$\text{Fe}^{3+}_2\text{Sb}^{3+}(\text{SiO}_4)_2(\text{OH})$	A	1968 s.p.	Canada	<i>University of Toronto Studies, Geological Series</i> <b>17</b> (1924), 5	<i>Powder Diffraction</i> <b>13</b> (1998), 44
Charleshatchettite	$\text{CaNb}_4\text{O}_{10}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	2015-048	Canada	<i>American Mineralogist</i> <b>102</b> (2017), 2333	
Charlesite	$\text{Ca}_6\text{Al}_2(\text{SO}_4)_2\text{B}(\text{OH})_4(\text{OH,O})_{12} \cdot 26\text{H}_2\text{O}$	A	1981-043	USA	<i>American Mineralogist</i> <b>68</b> (1983), 1033	
Charmarite	$\text{Mn}_4\text{Al}_2(\text{OH})_{12}(\text{CO}_3) \cdot 3\text{H}_2\text{O}$	A	1992-026	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1541	
Charoite	$(\text{K,Sr,Ba,Mn})_{15-16}(\text{Ca,Na})_{32}[\text{Si}_{70}(\text{O,OH})_{180}] (\text{OH,F})_4 \cdot n\text{H}_2\text{O}$	A	1977-019	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>107</b> (1978), 94	<i>Mineralogical Magazine</i> <b>74</b> (2010), 159
Chatkalite	$\text{Cu}_6\text{FeSn}_2\text{S}_8$	A	1981-004	Uzbekistan	<i>Mineralogicheskii Zhurnal</i> <b>3</b> (1981), 79	
Chayesite	$\text{K}(\text{Mg,Fe}^{2+})_4\text{Fe}^{3+}[\text{Si}_{12}\text{O}_{30}]$	A	1987-059	USA	<i>American Mineralogist</i> <b>74</b> (1989), 1368	
Chegemite	$\text{Ca}_7(\text{SiO}_4)_3(\text{OH})_2$	A	2008-038	Russia	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 1045	
Chekhovichite	$\text{Bi}^{3+}_2\text{Te}^{4+}_4\text{O}_{11}$	A	1986-039	Armenia / Kazakhstan	<i>Moscow University Geology Bulletin</i> <b>42(6)</b> (1987), 71	<i>Australian Journal of Chemistry</i> <b>45</b> (1992), 1415
Chelkarite	$\text{CaMgB}_2\text{O}_4\text{Cl}_2 \cdot 7\text{H}_2\text{O} (?)$	A ?	1968	Kazakhstan	Geology and Exploration of Solid Mineral Deposits of Kazakhstan (1969), 169	
Chenevixite	$\text{Cu}(\text{Fe}^{3+},\text{Al})(\text{AsO}_4)(\text{OH})_2$	G	1866	United Kingdom	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>62</b> (1866), 690	<i>Mineralogical Magazine</i> <b>64</b> (2000), 25
Chengdeite	$\text{Ir}_3\text{Fe}$	A	1994-023	China	<i>Acta Geologica Sinica</i> <b>69</b> (1995), 215	
Chenguodaite	$\text{Ag}_9\text{FeTe}_2\text{S}_4$	A	2004-042a	China	<i>Chinese Science Bulletin</i> <b>53</b> (2008), 3567	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 147
Chenite	$\text{CuPb}_4(\text{SO}_4)_2(\text{OH})_6$	A	1983-069	United Kingdom	<i>Mineralogical Magazine</i> <b>50</b> (1986), 129	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 259
Chenmingite	$\text{FeCr}_2\text{O}_4$	A	2017-036	Morocco (meteorite)	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Cheralite	$\text{CaTh}(\text{PO}_4)_2$	Rd	2005 s.p.	India	<i>Mineralogical Magazine</i> <b>30</b> (1953), 93	<i>Canadian Mineralogist</i> <b>45</b> (2007), 503
Cheremnykhite	$\text{Pb}_3\text{Zn}_3(\text{TeO}_6)(\text{VO}_4)_2$	A	1989-017	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(5)</b> (1990), 50	

Cherepanovite	RhAs	A	1984-041	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 464	
Chernikovite	(H <sub>3</sub> O)(UO <sub>2</sub> )(PO <sub>4</sub> )·3H <sub>2</sub> O	A	1988 s.p.	Tajikistan	<i>Mineralogical Record</i> <b>19</b> (1988), 249	<i>Acta Crystallographica</i> <b>B34</b> (1978), 3732
Chernovite-(Y)	Y(AsO <sub>4</sub> )	A	1967-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>96</b> (1967), 699	<i>Gazzetta Chimica Italiana</i> <b>64</b> (1932), 662
Chernykhite	BaV <sub>2</sub> (Si <sub>2</sub> Al <sub>2</sub> )O <sub>10</sub> (OH) <sub>2</sub>	A	1972-006	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>101</b> (1972), 451	
Chervetite	Pb <sub>2</sub> V <sup>5+</sup> <sub>2</sub> O <sub>7</sub>	A	1967 s.p.	Gabon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>86</b> (1963), 117	<i>Canadian Journal of Chemistry</i> <b>51</b> (1973), 70
Chesnokovite	Na <sub>2</sub> SiO <sub>2</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	2006-007	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(2)</b> (2007), 25	
Chessexite	Na <sub>4</sub> Ca <sub>2</sub> Mg <sub>3</sub> Al <sub>8</sub> (SiO <sub>4</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>10</sub> (OH) <sub>10</sub> ·40H <sub>2</sub> O	A	1981-054	France	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>62</b> (1982), 337	
Chesterite	Mg <sub>17</sub> Si <sub>20</sub> O <sub>54</sub> (OH) <sub>6</sub>	A	1977-010	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1000	<i>American Mineralogist</i> <b>63</b> (1978), 1053
Chestermanite	Mg <sub>2</sub> (Fe <sup>3+</sup> ,Mg,Al,Sb <sup>5+</sup> )O <sub>2</sub> (BO <sub>3</sub> )	A	1986-058	USA	<i>Canadian Mineralogist</i> <b>26</b> (1988), 911	<i>Acta Chemica Scandinavica</i> <b>45</b> (1991), 797
Chevkinite-(Ce)	Ce <sub>4</sub> (Ti,Fe <sup>2+</sup> ,Fe <sup>3+</sup> ) <sub>5</sub> O <sub>8</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub>	A	1987 s.p.	Russia	Mineralogisch-Geognostische Reise nach dem Ural, dem Altai und dem Kaspischen Meere. Sanderschen, Berlin (1842), 513	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1013
Chiappinoite-(Y)	Y <sub>2</sub> Mn(Si <sub>3</sub> O <sub>7</sub> ) <sub>4</sub>	A	2014-040	Portugal	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 91	
Chiavennite	CaMn <sup>2+</sup> (BeOH) <sub>2</sub> Si <sub>5</sub> O <sub>13</sub> ·2H <sub>2</sub> O	A	1981-038	Italy	<i>American Mineralogist</i> <b>68</b> (1983), 623	<i>Canadian Mineralogist</i> <b>54</b> (2016), 21
Chibaite	SiO <sub>2</sub> ·n(CH <sub>4</sub> ,C <sub>2</sub> H <sub>6</sub> ,C <sub>3</sub> H <sub>8</sub> ,C <sub>4</sub> H <sub>10</sub> ) (n <sub>max</sub> = 3/17)	A	2008-067	Japan	<i>Nature Communications</i> <b>2</b> (2011), 196	
Childrenite	Fe <sup>2+</sup> Al(PO <sub>4</sub> )(OH) <sub>2</sub> ·H <sub>2</sub> O	G	1823	United Kingdom	<i>Quarterly Journal of Science, Literature, and the Arts</i> <b>16</b> (1823), 274	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 263
Chiluite	Bi <sub>3</sub> Te <sup>6+</sup> Mo <sup>6+</sup> O <sub>10.5</sub>	A	1988-001	China	<i>Acta Mineralogica Sinica</i> <b>9</b> (1989), 9	
Chinleite-(Y)	NaY(SO <sub>4</sub> ) <sub>2</sub> ·H <sub>2</sub> O	A	2016-017	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 909	
Chiolite	Na <sub>5</sub> Al <sub>3</sub> F <sub>14</sub>	G	1846	Russia	<i>Journal für Praktische Chemie</i> <b>37</b> (1846), 175	<i>Journal of Solid State Chemistry</i> <b>36</b> (1981), 297
Chirvinskyite	(Na,Ca) <sub>13</sub> (Fe,Mn,□) <sub>2</sub> (Ti,Zr) <sub>5</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>4</sub> (OH,O) <sub>12</sub> ·2H <sub>2</sub> O	A	2016-051	Russia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Chistyakovaite	Al(UO <sub>2</sub> ) <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·6.5H <sub>2</sub> O	A	2005-003	Kazakhstan	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>407</b> (2006), 290	
Chivruaiite	Ca <sub>4</sub> (Ti,Nb) <sub>5</sub> (Si <sub>6</sub> O <sub>17</sub> ) <sub>2</sub> (OH,O) <sub>5</sub> ·13-14H <sub>2</sub> O	A	2004-052	Russia	<i>American Mineralogist</i> <b>91</b> (2006), 922	
Chkalovite	Na <sub>2</sub> BeSi <sub>2</sub> O <sub>6</sub>	G	1938	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>22</b> (1939), 259	<i>Doklady Akademii Nauk SSSR</i> <b>225</b> (1975), 1319
Chladniite	Na <sub>2</sub> CaMg <sub>7</sub> (PO <sub>4</sub> ) <sub>6</sub>	A	1993-010	USA	<i>American Mineralogist</i> <b>79</b> (1994), 375	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 287

Chloraluminite	$\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$	G	1873	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Ser. I</i> <b>6</b> (1873), 1	<i>Acta Crystallographica</i> <b>B27</b> (1971), 1069
Chlorapatite	$\text{Ca}_5(\text{PO}_4)_3\text{Cl}$	Rn	2010 s.p.	Austria / Germany / Spain / Switzerland	<i>Annalen der Physik und Chemie</i> <b>85</b> (1827), 185	<i>Acta Crystallographica</i> <b>B28</b> (1972), 1840
Chlorargyrite	$\text{AgCl}$	A	1962 s.p.	Germany	Synopsis Mineralogica. Engelhart, Freiberg (1875)	<i>Physical Review B</i> <b>59</b> (1999), 750
Chlorartinite	$\text{Mg}_2(\text{CO}_3)\text{Cl}(\text{OH}) \cdot 2.5\text{H}_2\text{O}$	A	1996-005	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(2)</b> (1998), 55	<i>Journal of Applied Crystallography</i> <b>39</b> (2006), 739
Chlorbartonite	$\text{K}_6\text{Fe}_{24}\text{S}_{26}\text{Cl}$	A	2000-048	Russia	<i>Canadian Mineralogist</i> <b>41</b> (2003), 503	
Chlorellestadite	$\text{Ca}_5(\text{SiO}_4)_{1.5}(\text{SO}_4)_{1.5}\text{Cl}$	A	2017-013	Georgia	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Chloritoid	$\text{Fe}^{2+}\text{Al}_2\text{O}(\text{SiO}_4)(\text{OH})_2$	G	1835	Russia	<i>Journal für Praktische Chemie</i> <b>4</b> (1835), 272	<i>American Mineralogist</i> <b>65</b> (1980), 534
Chlorkyuygenite	$\text{Ca}_{12}\text{Al}_{14}\text{O}_{32}[(\text{H}_2\text{O})_4\text{Cl}_2]$	Rn	2012-046	Russia	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 113	
Chlormagaluminite	$\text{Mg}_4\text{Al}_2(\text{OH})_{12}\text{Cl}_2 \cdot 2\text{H}_2\text{O}$	A	1980-098	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 121	
Chlormanganokalite	$\text{K}_4\text{MnCl}_6$	G	1906	Italy	<i>Nature</i> <b>74</b> (1906), 103	<i>Periodico di Mineralogia</i> <b>16</b> (1947), 73
Chlormayenite	$\text{Ca}_{12}\text{Al}_{14}\text{O}_{32}[\square_4\text{Cl}_2]$	Rd	1963-016	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1964), 22	<i>Acta Crystallographica</i> <b>B67</b> (2011), 193
Chlorocalcite	$\text{KCaCl}_3$	G	1872	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Ser. I</i> <b>5</b> (1872), 210	<i>Atti della Società Toscana di Scienze Naturali</i> <b>54</b> (1947), 5
Chloromagnesite	$\text{MgCl}_2$	Q	1873	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Ser. I</i> <b>6</b> (1873), 1	
Chloromenite	$\text{Cu}_9\text{O}_2(\text{Se}^{4+}\text{O}_3)_4\text{Cl}_6$	A	1996-048	Russia	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 119	<i>Zeitschrift für Kristallographie</i> <b>213</b> (1998), 645
Chlorophoenicite	$(\text{Mn}, \text{Mg}, \text{Zn})_3\text{Zn}_2(\text{AsO}_4)(\text{OH}, \text{O})_6$	G	1924	USA	<i>Journal of the Washington Academy of Sciences</i> <b>14</b> (1924), 362	<i>American Mineralogist</i> <b>53</b> (1968), 1110
Chlorothionite	$\text{K}_2\text{Cu}(\text{SO}_4)\text{Cl}_2$	G	1872	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Ser. I</i> <b>5</b> (1872), 210	<i>Zeitschrift für Kristallographie</i> <b>144</b> (1976), 226
Chloroxiphite	$\text{Pb}_3\text{CuO}_2\text{Cl}_2(\text{OH})_2$	G	1923	United Kingdom	<i>Mineralogical Magazine</i> <b>20</b> (1923), 67	<i>Mineralogical Magazine</i> <b>72</b> (2008), 793
Cholalite	$(\text{Pb}, \text{Ca})_3(\text{Cu}, \text{Sb})_3\text{Te}_6\text{O}_{18}\text{Cl}$	A	1980-019	Mexico	<i>Mineralogical Magazine</i> <b>44</b> (1981), 55	<i>Canadian Mineralogist</i> <b>37</b> (1999), 721
Chondrodite	$\text{Mg}_5(\text{SiO}_4)_2\text{F}_2$	G	1817	Finland	<i>Svenska Vetenskaps-Akademiens Handlingar</i> (1817), 206	<i>Mineralogical Magazine</i> <b>66</b> (2002), 441
Chongite	$\text{Ca}_3\text{Mg}_2(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	2015-039	Chile	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1255	
Chopinite	$\text{Mg}_3(\text{PO}_4)_2$	A	2006-004	Antarctica	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 229	<i>American Mineralogist</i> <b>95</b> (2010), 260
Chovanite	$\text{Pb}_{15-2x}\text{Sb}_{14+2x}\text{S}_{36}\text{O}_x$ ( $x \sim 0.2$ )	A	2009-055	Slovakia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 727	<i>Mineralogical Magazine</i> <b>81</b> (2017), 811
Chrisstanleyite	$\text{Ag}_2\text{Pd}_3\text{Se}_4$	A	1996-044	United Kingdom	<i>Mineralogical Magazine</i> <b>62</b> (1998), 257	<i>Canadian Mineralogist</i> <b>44</b> (2006), 497

Christelite	$Zn_3Cu_2(SO_4)_2(OH)_6 \cdot 4H_2O$	A	1995-030	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1996), 188	<i>Zeitschrift für Kristallographie</i> <b>211</b> (1996), 518
Christite	$TiHgAsS_3$	A	1976-015	USA	<i>American Mineralogist</i> <b>62</b> (1977), 421	
Christofschäferite-(Ce)	$(Ce, La, Ca)_4Mn(Ti, Fe)_3(Fe, Ti)(Si_2O_7)_2O_8$	A	2011-107	Germany	<i>New Data on Minerals</i> <b>47</b> (2012), 33	
Chromatite	$CaCr^{6+}O_4$	A	1967 s.p.	Jordan	<i>Naturwissenschaften</i> <b>50</b> (1963), 612	
Chrombismite	$Bi_{16}CrO_{27}$	A	1995-044	China	<i>Canadian Mineralogist</i> <b>35</b> (1997), 35	
Chromceladonite	$KMgCr(Si_4O_{10})(OH)_2$	A	1999-024	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(1)</b> (2000), 38	
Chromferide	$Fe_{1.5}Cr_{0.2}$	A	1984-021	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>115</b> (1986), 355	
Chromio-pargasite	$NaCa_2(Mg_4Cr)(Si_6Al_2)O_{22}(OH)_2$	Rd	2012 s.p.	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>107</b> (2012), 1	
Chromite	$Fe^{2+}Cr_2O_4$	G	1845	France	Handbuch der bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 550	<i>Mineralogical Magazine</i> <b>79</b> (2015), 755
Chromium	Cr	A	1980-094	China	<i>Kexue Tongbao</i> <b>26</b> (1981), 959	
Chromium-dravite	$NaMg_3Cr_6(Si_6O_{18})(BO_3)_3(OH)_3(OH)$	Rd	1982-055	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 222	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 345
Chromo-alumino-povondraite	$NaCr_3(Al_4Mg_2)(Si_6O_{18})(BO_3)_3(OH)_3O$	A	2013-089	Russia	<i>American Mineralogist</i> <b>99</b> (2014), 1767	
Chromphyllite	$KCr_2(AlSi_3O_{10})(OH)_2$	A	1995-052	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(2)</b> (1997), 110	
Chromschieffelinite	$Pb_{10}Te^{6+}_6O_{20}(OH)_{14}(CrO_4)(H_2O)_5$	A	2011-003	USA	<i>American Mineralogist</i> <b>97</b> (2012), 212	
Chrysoberyl	$BeAl_2O_4$	G	1789	Brazil	<i>Bergmannisches Journal</i> <b>1</b> (1789), 369	<i>Physics and Chemistry of Minerals</i> <b>34</b> (2007), 507
Chrysocolla	$(Cu_{2-x}Al_x)H_{2-x}Si_2O_5(OH)_4 \cdot nH_2O$	A	1980 s.p.	unknown	original paper?	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>271</b> (1970), 1837
Chrysothallite	$K_6Cu_6Ti^{3+}Cl_{17}(OH)_4 \cdot H_2O$	A	2013-008	Russia	<i>Mineralogical Magazine</i> <b>79</b> (2015), 365	
Chrysotile	$Mg_3Si_2O_5(OH)_4$	Rd	2007 s.p.	Poland	<i>Gelehrte Anzeigen</i> <b>17</b> (1845), 945	<i>Canadian Mineralogist</i> <b>41</b> (2003), 883
Chubarovite	$KZn_2(BO_3)Cl_2$	A	2014-018	Russia	<i>Canadian Mineralogist</i> <b>53</b> (2015), 273	
Chudobaite	$Mg_5(AsO_4)_2(AsO_3OH)_2 \cdot 10H_2O$	A	1962 s.p.	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1960), 1	<i>Naturwissenschaften</i> <b>63</b> (1976), 243
Chukanovite	$Fe_2(CO_3)(OH)_2$	A	2005-039	Russia (meteorite)	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 891	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 221
Chukhrovite-(Ca)	$Ca_3Ca_{1.5}Al_2(SO_4)F_{13} \cdot 12H_2O$	A	2010-081	Italy	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 1069	
Chukhrovite-(Ce)	$Ca_3CeAl_2(SO_4)F_{13} \cdot 12H_2O$	A	1987 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 200	<i>Chemie der Erde</i> <b>38</b> (1978), 331
Chukhrovite-(Nd)	$Ca_3NdAl_2(SO_4)F_{13} \cdot 12H_2O$	A	2004-023	Kazakhstan	<i>New Data on Minerals</i> <b>40</b> (2005), 5	
Chukhrovite-(Y)	$Ca_3YAl_2(SO_4)F_{13} \cdot 12H_2O$	A	1987 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>89</b> (1960), 15	<i>Doklady Akademii Nauk SSSR</i> <b>163</b> (1965), 183
Churchite-(Y)	$Y(PO_4) \cdot 2H_2O$	A	1987 s.p.	United Kingdom	<i>The Chemical News and Journal of Physical Sciences</i> <b>12</b> (1865), 121	<i>Acta Crystallographica</i> <b>C50</b> (1994), 1651



Chursinite	$\text{Hg}^{1+}\text{Hg}^{2+}(\text{AsO}_4)$	A	1982-047a	Kyrgyzstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 341	<i>Acta Crystallographica</i> <b>B29</b> (1973), 1666
Chvaleticeite	$\text{Mn}(\text{SO}_4)\cdot 6\text{H}_2\text{O}$	A	1984-059	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 121	
Chvilevaite	$\text{Na}(\text{Cu},\text{Fe},\text{Zn})_2\text{S}_2$	A	1987-017	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>117</b> (1988), 204	<i>Doklady Akademii Nauk SSSR</i> <b>310</b> (1990), 90
Cianciulliite	$\text{Mg}_2\text{Mn}^{2+}\text{Zn}_2(\text{OH})_{10}\cdot 2\text{-}4\text{H}_2\text{O}$	A	1990-042	USA	<i>American Mineralogist</i> <b>76</b> (1991), 1708	<i>American Mineralogist</i> <b>76</b> (1991), 1711
Cinnabar	HgS	G	?	unknown	original paper?	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>96</b> (1973), 218
Ciprianiite	$\text{Ca}_4(\text{Th},\text{REE})_2\text{Al}\square_2(\text{Si}_4\text{B}_4\text{O}_{22})(\text{OH})_2$	A	2001-021	Italy	<i>American Mineralogist</i> <b>87</b> (2002), 739	
Ciriottiite	$\text{Cu}_4\text{Pb}_{19}(\text{Sb},\text{As},\text{Bi})_{22}(\text{As}_2)\text{S}_{56}$	A	2015-027	Italy	<i>Minerals</i> <b>6</b> (2016), 8	
Cirrolite	$\text{Ca}_3\text{Al}_2(\text{PO}_4)_3(\text{OH})_3$	Q	1868	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>25</b> (1868), 197	
Clairite	$(\text{NH}_4)_2\text{Fe}^{3+}_3(\text{SO}_4)_4(\text{OH})_3\cdot 3\text{H}_2\text{O}$	A	1982-093	South Africa	<i>Annals of the Geological Survey of South Africa</i> <b>17</b> (1983), 29	
Claraite	$(\text{Cu},\text{Zn})_{15}(\text{CO}_3)_4(\text{AsO}_4)_2(\text{SO}_4)(\text{OH})_{14}\cdot 7\text{H}_2\text{O}$	Rd	2016 s.p.	Germany	<i>Chemie der Erde</i> <b>41</b> (1982), 97	
Claringbullite	$\text{Cu}^{2+}_4\text{FCl}(\text{OH})_6$	Rd	1976-029	Zambia	<i>Mineralogical Magazine</i> <b>41</b> (1977), 433	<i>Canadian Mineralogist</i> <b>33</b> (1995), 633
Clarkeite	$\text{Na}(\text{UO}_2)\text{O}(\text{OH})\cdot n\text{H}_2\text{O}$	G	1931	USA	<i>American Mineralogist</i> <b>16</b> (1931), 213	<i>American Mineralogist</i> <b>82</b> (1997), 607
Claudetite	$\text{As}_2\text{O}_3$	G	1868	Portugal	A System of Mineralogy, 5th ed. Wiley, New York (1868), 796	<i>Monatshefte für Chemie</i> <b>106</b> (1975), 755
Clausthalite	PbSe	G	1832	Germany	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 531	<i>Acta Crystallographica</i> <b>C43</b> (1987), 1443
Clearcreekite	$\text{Hg}^{1+}_3(\text{CO}_3)(\text{OH})\cdot 2\text{H}_2\text{O}$	A	1999-003	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 779	
Clerite	$\text{MnSb}_2\text{S}_4$	A	1995-029	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(3)</b> (1996), 95	<i>Zeitschrift für Kristallographie</i> <b>185</b> (1989), 31
Cleusonite	$\text{Pb}(\text{U}^{4+},\text{U}^{6+})\text{Fe}^{2+}_2(\text{Ti},\text{Fe}^{2+},\text{Fe}^{3+})_{18}(\text{O},\text{OH})_{38}$	A	1998-070	Switzerland	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 933	
Cliffordite	$\text{UTe}^{4+}_3\text{O}_9$	A	1966-046	Mexico	<i>American Mineralogist</i> <b>54</b> (1969), 697	<i>Acta Crystallographica</i> <b>B27</b> (1971), 608
Clinoatacamite	$\text{Cu}_2\text{Cl}(\text{OH})_3$	A	1993-060	Chile	<i>Canadian Mineralogist</i> <b>34</b> (1996), 61	<i>Canadian Mineralogist</i> <b>34</b> (1996), 73
Clinobehoite	$\text{Be}(\text{OH})_2$	A	1988-024	Russia	<i>Mineralogicheskii Zhurnal</i> <b>11(5)</b> (1989), 88	
Clinobisvanite	$\text{Bi}(\text{VO}_4)$	A	1973-040	Australia	<i>Mineralogical Magazine</i> <b>39</b> (1974), 847	<i>Mineralogical Magazine</i> <b>60</b> (1996), 387
Clinocervantite	$\text{Sb}^{3+}\text{Sb}^{5+}\text{O}_4$	A	1997-017	Italy	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 95	
Clinochlore	$\text{Mg}_5\text{Al}(\text{AlSi}_3\text{O}_{10})(\text{OH})_8$	G	1851	USA	<i>American Journal of Science and Arts</i> <b>12</b> (1851), 339	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 581
Clinoclase	$\text{Cu}_3(\text{AsO}_4)(\text{OH})_3$	G	1830	United Kingdom	Übersicht des Mineral-Systems. Engelhardt, Freiberg (1830)	<i>Acta Crystallographica</i> <b>C46</b> (1990), 2291
Clinoenstatite	$\text{Mg}_2\text{Si}_2\text{O}_6$	A	1988 s.p.	unknown	Die Enstatitaugite, (PhD dissertation). Univ. of Helsinki (1906), 151 p.	<i>Zeitschrift für Kristallographie</i> <b>114</b> (1960), 120
Clino-ferri-holmquistite	$\square\text{Li}_2(\text{Mg}_3\text{Fe}^{3+}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	A	2014 s.p.	Spain	<i>American Mineralogist</i> <b>89</b> (2004), 888	CNMNC Newsletter 22 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 1241
Clino-ferro-ferri-holmquistite	$\square\text{Li}_2(\text{Fe}^{2+}_3\text{Fe}^{3+}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Spain	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1345	



Clinoferrosilite	$\text{Fe}^{2+}_2\text{Si}_2\text{O}_6$	A	1988 s.p.	Kenya	<i>American Journal of Science</i> <b>30</b> (1935), 481	<i>American Mineralogist</i> <b>79</b> (1994), 1032
Clinohedrite	$\text{CaZn}(\text{SiO}_4)\cdot\text{H}_2\text{O}$	G	1898	USA	<i>American Journal of Science</i> <b>5</b> (1898), 289	<i>Zeitschrift für Kristallographie</i> <b>144</b> (1976), 377
Clinohumite	$\text{Mg}_9(\text{SiO}_4)_4\text{F}_2$	G	1876	Italy	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1876), 640	<i>American Mineralogist</i> <b>58</b> (1973), 43
Clinojimthompsonite	$\text{Mg}_5\text{Si}_6\text{O}_{16}(\text{OH})_2$	A	1977-012	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1000	<i>American Mineralogist</i> <b>63</b> (1978), 1053
Clinokurchatovite	$\text{CaMgB}_2\text{O}_5$	A	1982-017	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 483	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 277
Clinometaborite	$\text{HBO}_2$	A	2010-022	Italy	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1273	
Clino-oscar Kempfite	$\text{Ag}_{15}\text{Pb}_6\text{Sb}_{21}\text{Bi}_{18}\text{S}_{72}$	A	2012-086	Bolivia	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Clinophosinaite	$\text{Na}_3\text{Ca}(\text{SiO}_3)(\text{PO}_4)$	A	1979-083	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 351	<i>Soviet Physics - Crystallography</i> <b>25</b> (1980), 138
Clinoptilolite-Ca	$\text{Ca}_3(\text{Si}_{30}\text{Al}_6)\text{O}_{72}\cdot 20\text{H}_2\text{O}$	A	1997 s.p.	Japan	<i>Zeitschrift für Kristallographie</i> <b>145</b> (1977), 216	<i>American Mineralogist</i> <b>78</b> (1993), 260
Clinoptilolite-K	$\text{K}_6(\text{Si}_{30}\text{Al}_6)\text{O}_{72}\cdot 20\text{H}_2\text{O}$	Rn	1997 s.p.	USA	<i>American Mineralogist</i> <b>17</b> (1932), 128	<i>Zeitschrift für Kristallographie, suppl.</i> <b>30</b> (2009), 395
Clinoptilolite-Na	$\text{Na}_6(\text{Si}_{30}\text{Al}_6)\text{O}_{72}\cdot 20\text{H}_2\text{O}$	A	1997 s.p.	USA	<i>U.S. Geological Survey, Professional Paper</i> <b>634</b> (1969), 1	<i>Zeitschrift für Kristallographie, suppl.</i> <b>30</b> (2009), 395
Clinosafflorite	$\text{CoAs}_2$	A	1970-014	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1971), 877	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>89</b> (1966), 213
Clino-suenoite	$\square\text{Mn}^{2+}_2\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	A	2016-111	Italy	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Clinobermorite	$\text{Ca}_4\text{Si}_6\text{O}_{17}(\text{H}_2\text{O})_2\cdot (\text{Ca}\cdot 3\text{H}_2\text{O})$	Rd	2014 s.p.	Japan	<i>Mineralogical Magazine</i> <b>56</b> (1992), 353	<i>American Mineralogist</i> <b>84</b> (1999), 1613
Clinoungemachite	$\text{K}_3\text{Na}_8\text{Fe}^{3+}(\text{SO}_4)_6(\text{OH})_2\cdot 10\text{H}_2\text{O}$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 314	
Clinozoisite	$\text{Ca}_2\text{Al}_3[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	A	2006 s.p.	Austria	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>26</b> (1896), 156	<i>American Mineralogist</i> <b>53</b> (1968), 1882
Clintonite	$\text{CaAlMg}_2(\text{SiAl}_3\text{O}_{10})(\text{OH})_2$	A	1998 s.p.	USA	<i>Geology of New York. Part I. Geology of the First Geological District. Carroll &amp; Cook, Albany</i> (1843)	<i>American Mineralogist</i> <b>82</b> (1997), 936
Cloncurryite	$\text{Cu}_{0.5}(\text{VO})_{0.5}\text{Al}_2(\text{PO}_4)_2\text{F}_2\cdot 5\text{H}_2\text{O}$	A	2005-060	Australia	<i>Australian Journal of Mineralogy</i> <b>13</b> (2007), 5	
Coalingite	$\text{Mg}_{10}\text{Fe}^{3+}_2(\text{CO}_3)(\text{OH})_{24}\cdot 2\text{H}_2\text{O}$	A	1965-011	USA	<i>American Mineralogist</i> <b>50</b> (1965), 1893	<i>Mineralogical Magazine</i> <b>38</b> (1971), 286
Cobaltarthurite	$\text{CoFe}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2\cdot 4\text{H}_2\text{O}$	A	2001-052	Spain	<i>Canadian Mineralogist</i> <b>40</b> (2002), 725	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1387
Cobaltaustinite	$\text{CaCo}(\text{AsO}_4)(\text{OH})$	A	1987-042	Australia	<i>Australian Mineralogist</i> <b>3</b> (1988), 53	<i>Acta Crystallographica</i> <b>E63</b> (2007), i53
Cobaltite	$\text{CoAsS}$	G	1832	unknown	<i>Traité Élémentaire de Minéralogie</i> , 2nd ed. Verdière, Paris (1832), 450	<i>Canadian Mineralogist</i> <b>28</b> (1990), 719
Cobaltkieserite	$\text{Co}(\text{SO}_4)\cdot\text{H}_2\text{O}$	A	2002-004	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>124</b> (2002), 117	
Cobaltkoritnigite	$\text{Co}(\text{AsO}_3\text{OH})\cdot\text{H}_2\text{O}$	A	1980-013	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 257	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>454</b> (1979), 134
Cobaltlotharmeyerite	$\text{CaCo}_2(\text{AsO}_4)_2\cdot 2\text{H}_2\text{O}$	A	1997-027	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1999), 505	<i>Archives des Sciences de Genève</i> <b>53</b> (2000), 49
Cobaltneustädtelite	$\text{Bi}_2\text{Fe}^{3+}(\text{Co},\text{Fe}^{3+})(\text{AsO}_4)_2(\text{O},\text{OH})_4$	A	2000-012	Germany	<i>American Mineralogist</i> <b>87</b> (2002), 726	

Cobaltblöndite	$\text{Na}_2\text{Co}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	A	2012-059	USA	<i>Mineralogical Magazine</i> <b>77</b> (2013), 367	
Cobaltomenite	$\text{Co}(\text{Se}^{4+}\text{O}_3) \cdot 2\text{H}_2\text{O}$	Rn	2007 s.p.	Argentina	<i>Bulletin de la Société Minéralogique de France</i> <b>5</b> (1882), 90	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 353
Cobaltpentlandite	$\text{Co}_9\text{S}_8$	Rn	1962 s.p.	Finland	<i>American Mineralogist</i> <b>44</b> (1959), 897	<i>Canadian Mineralogist</i> <b>13</b> (1975), 75
Cobalttsumcorite	$\text{PbCo}_2(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1999-029	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 558	
Cobaltzippeite	$\text{Co}(\text{UO}_2)_2(\text{SO}_4)\text{O}_2 \cdot 3.5\text{H}_2\text{O}$	Rn	1971-006	USA	<i>Canadian Mineralogist</i> <b>14</b> (1976), 429	<i>Canadian Mineralogist</i> <b>41</b> (2003), 687
Coccinite	$\text{HgI}_2$	G	1845	Mexico	Handbuch der bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 572	<i>Acta Crystallographica</i> <b>B63</b> (2007), 828
Cochromite	$\text{CoCr}_2\text{O}_4$	A	1978-049	South Africa	<i>Bulletin du Bureau des Recherches Géologiques et Minières, Sect. II</i> <b>3</b> (1978), 225	<i>Mineralogical Magazine</i> <b>58</b> (1994), 247
Coconinoite	$\text{Fe}^{3+}_2\text{Al}_2(\text{UO}_2)_2(\text{PO}_4)_4(\text{SO}_4)(\text{OH})_2 \cdot 20\text{H}_2\text{O}$	A	1965-003	USA	<i>American Mineralogist</i> <b>51</b> (1966), 651	<i>Doklady Akademii Nauk SSSR</i> <b>329</b> (1993), 772
Coesite	$\text{SiO}_2$	A	1962 s.p.	USA	<i>Science</i> <b>132</b> (1960), 220	<i>American Mineralogist</i> <b>92</b> (2007), 57
Coffinite	$\text{U}(\text{SiO}_4) \cdot n\text{H}_2\text{O}$	G	1956	USA	<i>American Mineralogist</i> <b>41</b> (1956), 675	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 57
Cohenite	$\text{CFe}_3$	G	1889	Slovakia	<i>Annalen des Kaiserlich-Königlichen Naturhistorischen Hofmuseums</i> <b>4</b> (1889), 93	<i>Geochimica et Cosmochimica Acta</i> <b>31</b> (1967), 143
Coiraite	$(\text{Pb}, \text{Sn})_{12.5}\text{As}_3\text{Sn}_5\text{FeS}_{28}$	A	2005-024	Argentina	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1083	
Coldwellite	$\text{Pd}_3\text{Ag}_2\text{S}$	A	2014-045	Canada	<i>Canadian Mineralogist</i> <b>53</b> (2015), 845	
Colemanite	$\text{CaB}_3\text{O}_4(\text{OH})_3 \cdot \text{H}_2\text{O}$	G	1884	USA	<i>American Journal of Science, Ser. III</i> <b>28</b> (1884), 447	<i>Canadian Mineralogist</i> <b>31</b> (1993), 297
Colimaite	$\text{K}_3\text{VS}_4$	A	2007-045	Mexico	<i>Revista Mexicana de Ciencias Geológicas</i> <b>26</b> (2009), 600	
Colinowensite	$\text{BaCuSi}_2\text{O}_6$	A	2012-060	South Africa	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1769	
Collinsite	$\text{Ca}_2\text{Mg}(\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$	G	1927	Canada	<i>Canada Department of Mines, Bulletin</i> <b>46</b> (1927), 2	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1181
Coloradoite	$\text{HgTe}$	G	1878	USA	<i>Proceedings of the American Philosophical Society</i> <b>17</b> (1878), 113	<i>Zeitschrift für Kristallographie</i> <b>63</b> (1926), 466
Colquiriite	$\text{CaLiAlF}_6$	A	1980-015	Bolivia	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>27</b> (1980), 275	
Columbite-(Fe)	$\text{Fe}^{2+}\text{Nb}_2\text{O}_6$	Rn	2007 s.p.	USA	System of Mineralogy, vol. II. Bell & Bradfute, Edinburgh (1805), 582	<i>American Mineralogist</i> <b>90</b> (2005), 1291
Columbite-(Mg)	$\text{MgNb}_2\text{O}_6$	Rn	1967 s.p.	Tajikistan	<i>Doklady Akademii Nauk SSSR</i> <b>148</b> (1963), 420	
Columbite-(Mn)	$\text{Mn}^{2+}\text{Nb}_2\text{O}_6$	Rn	2007 s.p.	USA	The System of Mineralogy of James Dwight Dana 1837-1868, Descriptive Mineralogy, 6th ed. Wiley, New York (1892), 731	<i>American Mineralogist</i> <b>90</b> (2005), 1291
Colusite	$\text{Cu}_{12}\text{VAs}_3\text{S}_{16}$	G	1933	USA	<i>American Mineralogist</i> <b>18</b> (1933), 528	<i>American Mineralogist</i> <b>79</b> (1994), 750
Comancheite	$\text{Hg}^{2+}_{55}\text{N}^{3-}_{24}(\text{NH}_2, \text{OH})_4(\text{Cl}, \text{Br})_{34}$	Rd	1980-077	USA	<i>Canadian Mineralogist</i> <b>19</b> (1981), 393	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3217
Combeite	$\text{Na}_{4.5}\text{Ca}_{3.5}\text{Si}_6\text{O}_{17.5}(\text{OH})_{0.5}$	G	1957	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>31</b> (1957), 503	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 49

Comblainite	$\text{Ni}_4\text{Co}^{3+}_2(\text{CO}_3)(\text{OH})_{12}\cdot 3\text{H}_2\text{O}$	A	1978-009	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 113	
Compreignacite	$\text{K}_2(\text{UO}_2)_6\text{O}_4(\text{OH})_6\cdot 7\text{H}_2\text{O}$	A	1964-026	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>87</b> (1964), 365	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1061
Congolite	$\text{Fe}^{2+}_3\text{B}_7\text{O}_{13}\text{Cl}$	A	1971-030	Republic of the Congo	<i>Kali und Steinsalz</i> <b>6</b> (1972), 1	<i>Canadian Mineralogist</i> <b>35</b> (1997), 189
Conichalcite	$\text{CaCu}(\text{AsO}_4)(\text{OH})$	G	1849	Spain	<i>Annalen der Physik und Chemie</i> <b>77</b> (1849), 139	<i>Journal of Mineralogical and Petrological Sciences</i> <b>104</b> (2009), 125
Connellite	$\text{Cu}_{36}(\text{SO}_4)(\text{OH})_{62}\text{Cl}_8\cdot 6\text{H}_2\text{O}$	G	1850	USA	System of Mineralogy, 3rd ed. Putnam, New York (1850), 523	<i>Axis</i> <b>2</b> (2006), 1
Cookeite	$(\text{Al},\text{Li})_3\text{Al}_2(\text{Si},\text{Al})_4\text{O}_{10}(\text{OH})_8$	G	1866	USA	<i>American Journal of Science and Arts</i> <b>91</b> (1866) 246	<i>American Mineralogist</i> <b>89</b> (2004), 1510
Coombsite	$\text{KMn}^{2+}_{13}(\text{Si},\text{Al})_{18}\text{O}_{42}(\text{OH})_{14}$	A	1989-058	New Zealand	<i>New Zealand Journal of Geology and Geophysics</i> <b>34</b> (1991), 329	
Cooperite	PtS	G	1928	South Africa	<i>Journal of Chemical, Metallurgical and Mining Society of South Africa</i> <b>28</b> (1928), 281	<i>Crystallography Reports</i> <b>53</b> (2008), 391
Coparsite	$\text{Cu}^{2+}_4\text{O}_2(\text{AsO}_4)\text{Cl}$	A	1996-064	Russia	<i>Canadian Mineralogist</i> <b>37</b> (1999), 911	<i>Zeitschrift für Kristallographie</i> <b>213</b> (1998), 650
Copiapite	$\text{Fe}^{2+}\text{Fe}^{3+}_4(\text{SO}_4)_6(\text{OH})_2\cdot 20\text{H}_2\text{O}$	G	1833	Chile	<i>Annalen der Physik und Chemie</i> <b>27</b> (1833), 309	<i>Zeitschrift für Kristallographie</i> <b>135</b> (1972), 34
Copper	Cu	G	?	unknown	original paper?	
Coquandite	$\text{Sb}^{3+}_{6+x}\text{O}_{8+x}(\text{SO}_4)(\text{OH})_x(\text{H}_2\text{O})_{1-x}$ ( $x = 0.3$ )	A	1991-024	Italy	<i>Mineralogical Magazine</i> <b>56</b> (1992), 599	<i>Mineralogical Magazine</i> <b>78</b> (2014), 871
Coquimbite	$\text{Fe}^{3+}_2(\text{SO}_4)_3\cdot 9\text{H}_2\text{O}$	G	1841	Chile	Vollständiges Handbuch der Mineralogie, Vol. 2. Arnoldische, Dresden-Leipzig (1841), 100	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1995), 211
Coralloite	$\text{Mn}^{2+}\text{Mn}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2\cdot 4\text{H}_2\text{O}$	A	2010-012	Italy	<i>American Mineralogist</i> <b>97</b> (2012), 727	
Corderoite	$\text{Hg}_3\text{S}_2\text{Cl}_2$	A	1973-037	USA	<i>American Mineralogist</i> <b>59</b> (1974), 652	<i>Acta Crystallographica</i> <b>B24</b> (1968), 156
Cordierite	$\text{Mg}_2\text{Al}_4\text{Si}_5\text{O}_{18}$	G	1813	Germany ?	Tableau Méthodique Espèces Minérales, Seconde Partie. D'Hautel, Paris (1813), 219	<i>Periodico di Mineralogia</i> <b>76</b> (2006), 113
Cordylite-(Ce)	$(\text{Na},\text{Ca},\square)\text{BaCe}_2(\text{CO}_3)_4(\text{F},\text{O})$	A	1987 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 42	<i>American Mineralogist</i> <b>83</b> (1998), 178
Cordylite-(La)	$\text{NaCaBa}_2\text{La}_3\text{Sr}(\text{CO}_3)_8\text{F}_2$	A	2010-058	Russia	<i>Canadian Mineralogist</i> <b>50</b> (2012), 1281	
Corkite	$\text{PbFe}^{3+}_3(\text{SO}_4)(\text{PO}_4)(\text{OH})_6$	Rd	1987 s.p.	Ireland	<i>Annales des Mines</i> <b>15</b> (1869), 405	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 71
Cornetite	$\text{Cu}_3(\text{PO}_4)(\text{OH})_3$	G	1916	Democratic Republic of the Congo	Les Minéraux et les Roches. Liège (1916), 452	<i>Mineralogy and Petrology</i> <b>40</b> (1989), 127
Cornubite	$\text{Cu}_5(\text{AsO}_4)_2(\text{OH})_4$	A	1962 s.p.	United Kingdom	<i>Mineralogical Magazine</i> <b>32</b> (1959), 1	<i>Bulletin of the Geological Society of Finland</i> <b>57</b> (1985), 119
Cornwallite	$\text{Cu}_5(\text{AsO}_4)_2(\text{OH})_4$	G	1847	United Kingdom	<i>Königliche Boehmische Gesellschaft der Wissenschaften, Prague, Abhandlungen</i> <b>4</b> (1847), 649	
Coronadite	$\text{Pb}(\text{Mn}^{4+}_6\text{Mn}^{3+}_2)\text{O}_{16}$	G	1904	USA	<i>American Journal of Science</i> <b>18</b> (1904), 448	<i>American Mineralogist</i> <b>74</b> (1989), 913
Correianevesite	$\text{Fe}^{2+}\text{Mn}^{2+}_2(\text{PO}_4)_2\cdot 3\text{H}_2\text{O}$	A	2013-007	Brasil	<i>American Mineralogist</i> <b>99</b> (2014), 811	

Corrensite	$(\text{Ca,Na,K})_{1-x}(\text{Mg,Fe,Al})_9(\text{Si,Al})_8\text{O}_{20}(\text{OH})_{10}\cdot n\text{H}_2\text{O}$	G	1954	Germany	<i>Beiträge zur Mineralogie und Petrographie</i> <b>4</b> (1954), 130	<i>American Mineralogist</i> <b>82</b> (1997), 109
Cortesognoite	$\text{CaV}_2\text{Si}_2\text{O}_7(\text{OH})_2\cdot\text{H}_2\text{O}$	A	2014-029	Italy	CNMNC Newsletter 21 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 797	
Corundum	$\text{Al}_2\text{O}_3$	G	1714 ?	India ?	original paper?	<i>Acta Crystallographica</i> <b>A46</b> (1990), 271
Corvusite	$(\text{Na,Ca,K})_{1-x}(\text{V}^{5+},\text{V}^{4+},\text{Fe}^{2+})_8\text{O}_{20}\cdot 4\text{H}_2\text{O}$	G	1933	USA	<i>American Mineralogist</i> <b>18</b> (1933), 195	<i>Canadian Mineralogist</i> <b>32</b> (1994), 339
Cosalite	$\text{Pb}_2\text{Bi}_2\text{S}_5$	G	1868	Mexico	<i>American Journal of Science and Arts</i> <b>95</b> (1868), 305	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1081
Coskrenite-(Ce)	$\text{Ce}_2(\text{SO}_4)_2(\text{C}_2\text{O}_4)\cdot 8\text{H}_2\text{O}$	A	1996-056	USA	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1453	
Cossaite	$(\text{Mg}_{0.5},\square)\text{Al}_6(\text{SO}_4)_6(\text{HSO}_4)\text{F}_6\cdot 36\text{H}_2\text{O}$	A	2009-031	Italy	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2847	
Costibite	$\text{CoSbS}$	A	1969-014	Australia	<i>American Mineralogist</i> <b>55</b> (1970), 10	<i>Canadian Mineralogist</i> <b>13</b> (1975), 188
Cotunnite	$\text{PbCl}_2$	G	1825	Italy	Prodromo della mineralogia vesuviana. Da' Torchi del Tramater, Napoli (1825)	<i>Soviet Physics - Crystallography</i> <b>21</b> (1976), 38
Coulsonite	$\text{Fe}^{2+}\text{V}^{3+}_2\text{O}_4$	Rd	1962 s.p.	India	<i>Memoirs of the Geological Survey of India</i> <b>69</b> (1937), 21	<i>American Mineralogist</i> <b>47</b> (1962), 1284
Cousinite	$\text{MgU}^{4+}_2(\text{MoO}_4)_2(\text{OH})_6\cdot 2\text{H}_2\text{O}$ (?)	Q	1958	Democratic Republic of the Congo	<i>Geologie en Mijnbouw</i> <b>20</b> (1958), 449	<i>Annales de la Société Géologique de Belgique</i> <b>98</b> (1975), 155
Coutinhoite	$\text{Th}_x\text{Ba}_{1-2x}(\text{UO}_2)_2\text{Si}_5\text{O}_{13}\cdot 3\text{H}_2\text{O}$	A	2003-025	Brazil	<i>American Mineralogist</i> <b>89</b> (2004), 721	
Covellite	$\text{CuS}$	G	1832	Italy	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 409	<i>Zeitschrift für Kristallographie</i> <b>184</b> (1988), 111
Cowlesite	$\text{Ca}(\text{Al}_2\text{Si}_3)\text{O}_{10}\cdot 5\cdot 6\text{H}_2\text{O}$	A	1975-016	USA	<i>American Mineralogist</i> <b>60</b> (1975), 951	
Coyoteite	$\text{NaFe}_3\text{S}_5\cdot 2\text{H}_2\text{O}$	A	1978-042	USA	<i>American Mineralogist</i> <b>68</b> (1983), 245	
Crandallite	$\text{CaAl}_3(\text{PO}_4)(\text{PO}_3\text{OH})(\text{OH})_6$	Rd	1999 s.p.	USA	<i>American Journal of Science</i> <b>43</b> (1917), 69	<i>American Mineralogist</i> <b>59</b> (1974), 41
Cranswickite	$\text{Mg}(\text{SO}_4)\cdot 4\text{H}_2\text{O}$	A	2010-016	Argentina	<i>American Mineralogist</i> <b>96</b> (2011), 869	
Crawfordite	$\text{Na}_3\text{Sr}(\text{PO}_4)(\text{CO}_3)$	A	1993-030	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>123(3)</b> (1994), 107	<i>Doklady Akademii Nauk SSSR</i> <b>322</b> (1992), 531
Creaseyite	$\text{Cu}_2\text{Pb}_2\text{Fe}^{3+}_2\text{Si}_5\text{O}_{17}\cdot 6\text{H}_2\text{O}$	A	1974-044	USA	<i>Mineralogical Magazine</i> <b>40</b> (1975), 227	
Crednerite	$\text{CuMnO}_2$	G	1849	Germany	<i>Annalen der Physik und Chemie</i> <b>74</b> (1849), 559	<i>Zeitschrift für Kristallographie</i> <b>210</b> (1995), 184
Creedite	$\text{Ca}_3\text{Al}_2(\text{SO}_4)(\text{OH})_2\text{F}_8\cdot 2\text{H}_2\text{O}$	G	1916	USA	<i>Proceedings of the National Academy of Sciences</i> <b>2</b> (1916), 360	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 69
Crerarite	$(\text{Pt,Pb})\text{Bi}_3(\text{S,Se})_{4-x}$ ( $x = 0.4-0.8$ )	A	1994-003	Canada	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 567	
Crichtonite	$\text{Sr}(\text{Mn,Y,U})\text{Fe}_2(\text{Ti,Fe,Cr,V})_{18}(\text{O,OH})_{38}$	A	1980 s.p.	France	<i>The Monthly Review</i> <b>73</b> (1814), 17	<i>American Mineralogist</i> <b>61</b> (1976), 1203
Criddleite	$\text{Ag}_2\text{Au}_3\text{TlSb}_{10}\text{S}_{10}$	A	1987-037	Canada	<i>Mineralogical Magazine</i> <b>52</b> (1988), 691	
Crimsonite	$\text{PbFe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2$	A	2014-095	USA	<i>Mineralogical Magazine</i> <b>80</b> (2016), 925	
Cristobalite	$\text{SiO}_2$	G	1887	Mexico	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1887), 198	<i>Physics and Chemistry of Minerals</i> <b>17</b> (1991), 554
Crocoite	$\text{Pb}(\text{CrO}_4)$	G	1832	Russia	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 669	<i>Acta Crystallographica</i> <b>19</b> (1965), 287
Cronstedtite	$(\text{Fe}^{2+},\text{Fe}^{3+})_3(\text{Si,Fe}^{3+})_2\text{O}_5(\text{OH})_4$	G	1821	Czech Republic	<i>Journal für Chemie und Physik</i> <b>32</b> (1821), 69	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 197
Cronusite	$\text{Ca}_{0.2}\text{CrS}_2\cdot 2\text{H}_2\text{O}$	A	1999-018	USA (meteorite)	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 29	

Crookesite	$\text{Cu}_7\text{TlSe}_4$	G	1867	Sweden	<i>Bulletin Mensuel de la Société Chimique de Paris</i> <b>7</b> (1867), 409	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>304</b> (1987), 1121
Cryobostryxite	$\text{KZnCl}_3 \cdot 2\text{H}_2\text{O}$	A	2014-058	Russia	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 805	
Cryolite	$\text{Na}_2\text{NaAlF}_6$	G	1799	Denmark (Greenland)	<i>Allgemeines Journal der Chemie</i> <b>2</b> (1799), 502	<i>Canadian Mineralogist</i> <b>13</b> (1975), 377
Cryolithionite	$\text{Na}_3\text{Al}_2(\text{LiF}_4)_3$	G	1904	Denmark (Greenland)	<i>Oversigt over det Kongelige Danske Videnskabernes Selskabs Forhandlinger</i> (1904), 2	<i>American Mineralogist</i> <b>56</b> (1971), 18
Cryptochalcite	$\text{K}_2\text{Cu}_5\text{O}(\text{SO}_4)_5$	A	2014-106	Russia	CNMNC Newsletter 25 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 529	
Cryptohalite	$(\text{NH}_4)_2\text{SiF}_6$	G	1874	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Ser. I</i> <b>6</b> (1874), 1	<i>Journal of Chemical Physics</i> <b>44</b> (1966), 2499
Cryptomelane	$\text{K}(\text{Mn}^{4+}_7\text{Mn}^{3+})\text{O}_{16}$	A	1982 s.p. ?	USA	<i>American Mineralogist</i> <b>27</b> (1942), 607	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1056
Cryptophyllite	$\text{K}_2\text{Ca}[\text{Si}_4\text{O}_{10}] \cdot 5\text{H}_2\text{O}$	A	2008-061	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(1)</b> (2010), 37	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 547
Cualstibite	$\text{Cu}_2\text{Al}(\text{OH})_6[\text{Sb}(\text{OH})_6]$	Rd	1983-068	Germany	<i>Chemie der Erde</i> <b>43</b> (1984), 255	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 171
Cubanite	$\text{CuFe}_2\text{S}_3$	G	1843	Cuba	<i>Annalen der Physik und Chemie</i> <b>59</b> (1843), 325	<i>Zeitschrift für Kristallographie</i> <b>140</b> (1974), 218
Cuboargyrite	$\text{AgSbS}_2$	A	1997-004	Germany	<i>Lapis</i> <b>23</b> (1998), 21	
Cumengeite	$\text{Pb}_{21}\text{Cu}_{20}\text{Cl}_{42}(\text{OH})_{40} \cdot 6\text{H}_2\text{O}$	Rn	2007 s.p.	Mexico	<i>Bulletin de la Société Française de Minéralogie</i> <b>16</b> (1893), 184	<i>Mineralogical Magazine</i> <b>69</b> (2005), 1037
Cummingtonite	$\square\text{Mg}_2\text{Mg}_5\text{Si}_6\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Norway	<i>American Journal of Science and Arts</i> <b>8</b> (1824), 1	<i>American Mineralogist</i> <b>74</b> (1989), 1091
Cupalite	$\text{CuAl}$	A	1983-084	Russia (meteorite)	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 90	
Cuprite	$\text{Cu}_2\text{O}$	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 546	<i>Acta Crystallographica</i> <b>A46</b> (1990), 271
Cuproauride	$\text{Cu}_3\text{Au}$	Q	1939	Russia	<i>Comptes Rendus (Doklady) de l'Académie des Sciences de l'URSS</i> <b>24</b> (1939), 451	
Cuprobismutite	$\text{Cu}_8\text{AgBi}_{13}\text{S}_{24}$	G	1884	USA	<i>American Journal of Science</i> <b>27</b> (1884), 355	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1481
Cuprocopiapite	$\text{Cu}^{2+}\text{Fe}^{3+}_4(\text{SO}_4)_6(\text{OH})_2 \cdot 20\text{H}_2\text{O}$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 737	
Cuproiridsite	$\text{CuIr}_2\text{S}_4$	A	1984-016	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 187	
Cuprokalininite	$\text{CuCr}_2\text{S}_4$	A	2010-008	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(6)</b> (2010), 39	
Cupromakopavonite	$\text{Cu}_8\text{Pb}_4\text{Ag}_3\text{Bi}_{19}\text{S}_{38}$	A	2005-036	Austria	<i>Canadian Mineralogist</i> <b>50</b> (2012), 295	
Cupromakovickyite	$\text{Cu}_4\text{AgPb}_2\text{Bi}_9\text{S}_{18}$	A	2002-058	Austria	<i>Canadian Mineralogist</i> <b>46</b> (2008), 503	<i>Canadian Mineralogist</i> <b>46</b> (2008), 515

Cupromolybdate	$\text{Cu}^{2+}_3\text{O}(\text{Mo}^{6+}\text{O}_4)_2$	A	2011-005	Russia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 749	
Cupronyite	$\text{Cu}_7\text{Pb}_{27}\text{Bi}_{25}\text{S}_{68}$	A	2008-053	Romania	<i>Canadian Mineralogist</i> <b>50</b> (2012), 353	
Cupropavonite	$\text{Cu}_{0.9}\text{Ag}_{0.5}\text{Pb}_{0.6}\text{Bi}_{2.5}\text{S}_5$	A	1978-033	USA	<i>Bulletin de Minéralogie</i> <b>102</b> (1979), 351	<i>Canadian Mineralogist</i> <b>18</b> (1980), 181
Cupropearceite	$[\text{Cu}_6\text{As}_2\text{S}_7][\text{Ag}_9\text{CuS}_4]$	A	2007-046	Kazakhstan	<i>Mineralogical Magazine</i> <b>71</b> (2007), 641	<i>American Mineralogist</i> <b>98</b> (2013), 1279
Cupropolybasite	$[\text{Cu}_6\text{Sb}_2\text{S}_7][\text{Ag}_9\text{CuS}_4]$	A	2008-004	Canada	<i>Mineralogical Magazine</i> <b>71</b> (2007), 641	<i>American Mineralogist</i> <b>98</b> (2013), 1279
Cuprorhodsite	$\text{CuRh}_2\text{S}_4$	A	1984-017	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 187	
Cuprorivaite	$\text{CaCuSi}_4\text{O}_{10}$	Rd	1962 s.p.	Italy	<i>Periodico di Mineralogia</i> <b>9</b> (1938), 333	<i>American Mineralogist</i> <b>47</b> (1962), 409
Cuprosklodowskite	$\text{Cu}(\text{UO}_2)_2(\text{SiO}_3\text{OH})_2 \cdot 6\text{H}_2\text{O}$	G	1933	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>56</b> (1933), B331	<i>American Mineralogist</i> <b>66</b> (1981), 610
Cuprospinel	$\text{Cu}^{2+}\text{Fe}^{3+}_2\text{O}_4$	A	1971-020	Canada	<i>Canadian Mineralogist</i> <b>11</b> (1973), 1003	<i>American Mineralogist</i> <b>100</b> (2015), 1752
Cuprostibite	$\text{Cu}_2(\text{Sb},\text{Ti})$	A ?	1969	Denmark (Greenland)	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>98</b> (1969), 716	
Cuprotungstite	$\text{Cu}^{2+}_3(\text{WO}_4)_2(\text{OH})_2$	G	1869	Mexico	Tableau minéralogique. Hatier, Paris (1869), 32	<i>Mineralogical Magazine</i> <b>43</b> (1979), 448
Curetonite	$\text{Ba}(\text{Al},\text{Ti})(\text{PO}_4)(\text{OH},\text{O})\text{F}$	A	1978-065	USA	<i>Mineralogical Record</i> <b>10</b> (1979), 219	<i>American Mineralogist</i> <b>79</b> (1994), 545
Curienite	$\text{Pb}(\text{UO}_2)_2(\text{VO}_4)_2 \cdot 5\text{H}_2\text{O}$	Rn	1967-049	Gabon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>91</b> (1968), 453	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 8
Curite	$\text{Pb}_{3+x}[(\text{UO}_2)_4\text{O}_{4+x}(\text{OH})_{3-x}]_2 \cdot 2\text{H}_2\text{O}$	G	1921	Democratic Republic of the Congo	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>173</b> (1921), 1186	<i>Canadian Mineralogist</i> <b>38</b> (2000), 727
Currierite	$\text{Na}_4\text{Ca}_3\text{MgAl}_4(\text{AsO}_3\text{OH})_{12} \cdot 9\text{H}_2\text{O}$	A	2016-030	Chile	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1141	
Cuspidine	$\text{Ca}_8(\text{Si}_2\text{O}_7)_2\text{F}_4$	G	1876	Italy	<i>Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche</i> <b>15</b> (1876), 208	<i>Canadian Mineralogist</i> <b>26</b> (1988), 933
Cuzticiticite	$\text{Fe}^{3+}_2\text{Te}^{6+}\text{O}_6 \cdot 3\text{H}_2\text{O}$	A	1980-071	Mexico	<i>Mineralogical Magazine</i> <b>46</b> (1982), 257	
Cyanochroite	$\text{K}_2\text{Cu}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	G	1855	Italy	Memoria sullo incendio vesuviano del mese di maggio 1855. Nobile, Napoli (1855)	<i>Mineralogica et Petrographica Acta</i> <b>14</b> (1968), 23
Cyanotrichite	$\text{Cu}_4\text{Al}_2(\text{SO}_4)(\text{OH})_{12}(\text{H}_2\text{O})_2$	A	1967 s.p.	Romania	Handbuch der Mineralogie, 2nd. ed. Schrag, Nürnberg (1839), 587	<i>Mineralogical Magazine</i> <b>79</b> (2015), 321
Cylindrite	$\text{FePb}_3\text{Sn}_4\text{Sb}_2\text{S}_{14}$	G	1893	Bolivia	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> <b>2</b> (1893), 125	<i>American Mineralogist</i> <b>77</b> (1992), 758
Cymrite	$\text{Ba}(\text{Si},\text{Al})_4(\text{O},\text{OH})_8 \cdot \text{H}_2\text{O}$	G	1949	United Kingdom	<i>Mineralogical Magazine</i> <b>28</b> (1949), 676	<i>Crystallography Reports</i> <b>55</b> (2010), 569
Cyprine	$\text{Ca}_{19}\text{Cu}^{2+}(\text{Al},\text{Mg})_{12}\text{Si}_{18}\text{O}_{69}(\text{OH})_9$	A	2015-044	South Africa	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 295	
Cyrllovite	$\text{NaFe}^{3+}_3(\text{PO}_4)_2(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	G	1953	Czech Republic	<i>Acta Academiae Scientiarum Naturalium Moravo-Silesiacae</i> <b>25</b> (1953), 325	<i>Mineralogy and Petrology</i> <b>37</b> (1987), 1
Czochralskiite	$\text{Na}_4\text{Ca}_3\text{Mg}(\text{PO}_4)_4$	A	2015-011	Poland (meteorite)	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 969	

Dachiardite-Ca	$\text{Ca}_2(\text{Si}_{20}\text{Al}_4)\text{O}_{48} \cdot 13\text{H}_2\text{O}$	Rn	1997 s.p.	Italy	<i>Atti della Società Toscana di Scienze Naturali, Processi Verbali</i> <b>22</b> (1906), 150	<i>Zeitschrift für Kristallographie</i> <b>166</b> (1984), 63
Dachiardite-K	$\text{K}_4(\text{Si}_{20}\text{Al}_4)\text{O}_{48} \cdot 13\text{H}_2\text{O}$	A	2015-041	Bulgaria	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>145(1)</b> (2016), 68	
Dachiardite-Na	$\text{Na}_4(\text{Si}_{20}\text{Al}_4)\text{O}_{48} \cdot 13\text{H}_2\text{O}$	Rn	1997 s.p.	Italy	<i>Contributions to Mineralogy and Petrology</i> <b>49</b> (1975) 63	
Dadsonite	$\text{Pb}_{23}\text{Sb}_{25}\text{S}_{60}\text{Cl}$	A	1968-011	Canada / Germany / USA	<i>Mineralogical Magazine</i> <b>37</b> (1969), 437	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1499
Dagenaisite	$\text{Zn}_3\text{Te}^{6+}\text{O}_6$	A	2017-017	USA	<i>Canadian Mineralogist</i> <b>55</b> (2017), 867	
Daliranite	$\text{PbHgAs}_2\text{S}_6$	A	2007-010	Iran	<i>Mineralogical Magazine</i> <b>73</b> (2009), 871	
Dalnegroite	$\text{Tl}_4\text{Pb}_2(\text{As},\text{Sb})_{20}\text{S}_{34}$	A	2009-058	Switzerland	<i>Mineralogical Magazine</i> <b>73</b> (2009), 1027	<i>Mineralogical Magazine</i> <b>74</b> (2010), 999
Dalyite	$\text{K}_2\text{ZrSi}_6\text{O}_{15}$	G	1952	United Kingdom	<i>Mineralogical Magazine</i> <b>29</b> (1952), 850	<i>Mineralogical Magazine</i> <b>80</b> (2016), 547
Damaraitite	$\text{Pb}_3\text{O}_2(\text{OH})\text{Cl}$	A	1989-013	Namibia	<i>Mineralogical Magazine</i> <b>54</b> (1990), 593	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 326
Damiaoite	$\text{PtIn}_2$	A	1995-041	China	<i>Acta Mineralogica Sinica</i> <b>71</b> (1997), 328	
Danalite	$\text{Be}_3\text{Fe}^{2+}_4(\text{SiO}_4)_3\text{S}$	G	1866	USA	<i>American Journal of Science and Arts</i> <b>92</b> (1866), 73	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1413
Danbaite	$\text{CuZn}_2$	A	1981-041	China	<i>Kexue Tongbao</i> <b>22</b> (1983), 1383	
Danburite	$\text{CaB}_2\text{Si}_2\text{O}_8$	G	1839	USA	<i>American Journal of Science and Arts</i> <b>35</b> (1839), 137	<i>Zeitschrift für Kristallographie</i> <b>173</b> (1985), 293
Danielsite	$(\text{Cu},\text{Ag})_{14}\text{HgS}_8$	A	1984-044	Australia	<i>American Mineralogist</i> <b>72</b> (1987), 401	<i>American Mineralogist</i> <b>73</b> (1988), 187
D'ansite	$\text{Na}_{21}\text{Mg}(\text{SO}_4)_{10}\text{Cl}_3$	Rn	2007 s.p.	Austria	<i>Naturwissenschaften</i> <b>45</b> (1958), 362	<i>Kexue Tongbao</i> <b>32</b> (1987), 478
D'ansite-(Fe)	$\text{Na}_{21}\text{Fe}(\text{SO}_4)_{10}\text{Cl}_3$	A	2011-065	Italy	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2773	
D'ansite-(Mn)	$\text{Na}_{21}\text{Mn}(\text{SO}_4)_{10}\text{Cl}_3$	A	2011-064	Italy	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2773	
Dantopaite	$\text{Ag}_5\text{Bi}_3\text{S}_{22}$	A	2008-058	Austria	<i>Canadian Mineralogist</i> <b>48</b> (2010), 467	
Daomanite	$\text{CuPtAsS}_2$	A ?	?	China	<i>Acta Geologica Sinica</i> <b>4</b> (1978), 320	<i>Acta Geologica Sinica</i> <b>75</b> (2001), 458
Daqingshanite-(Ce)	$\text{Sr}_3\text{Ce}(\text{PO}_4)(\text{CO}_3)_3$	A	1981-063	China	<i>Geochemistry</i> <b>2</b> (1983), 180	<i>Mineralogical Magazine</i> <b>58</b> (1994), 493
Darapiosite	$\text{KNa}_2\text{Mn}_2(\text{Li}_2\text{ZnSi}_{12})\text{O}_{30}$	A	1974-056	Tajikistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 583	<i>Canadian Mineralogist</i> <b>37</b> (1999), 769
Darapskite	$\text{Na}_3(\text{SO}_4)(\text{NO}_3) \cdot \text{H}_2\text{O}$	Rd	1967 s.p.	Chile	<i>Zeitschrift für Kristallographie</i> <b>19</b> (1891), 445	<i>American Mineralogist</i> <b>55</b> (1970), 1500
Dargaite	$\text{BaCa}_{12}(\text{SiO}_4)_4(\text{SO}_4)_2\text{O}_3$	A	2015-068	Israel	CNMNC Newsletter 28 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1859	
Darrellhenryite	$\text{Na}(\text{Al}_2\text{Li})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	A	2012-026	Czech Republic	<i>American Mineralogist</i> <b>98</b> (2013), 1886	
Dashkovaite	$\text{Mg}(\text{HCOO})_2 \cdot 2\text{H}_2\text{O}$	A	2000-006	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(6)</b> (2000), 49	
Datolite	$\text{CaB}(\text{SiO}_4)(\text{OH})$	G	1806	Norway	<i>Neues Allgemeines Journal der Chemie</i> <b>6</b> (1806), 107	<i>American Mineralogist</i> <b>95</b> (2010), 1413
Daubréeite	$\text{BiO}(\text{OH})$	G	1876	Bolivia	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>82</b> (1876), 922	<i>Mineralogical Magazine</i> <b>24</b> (1935), 49
Daubrélite	$\text{FeCr}_2\text{S}_4$	G	1876	Mexico	<i>American Journal of Science and Arts</i> <b>12</b> (1876), 107	<i>Arkiv för Mineralogi och Geologi</i> <b>17B(12)</b> (1943), 31

Davanite	$K_2TiSi_6O_{15}$	A	1982-100	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 95	
Davidite-(Ce)	$Ce(Y,U)Fe_2(Ti,Fe,Cr,V)_{18}(O,OH,F)_{38}$	Rn	1966 s.p.	Norway	<i>Norsk Geologisk Tidsskrift</i> <b>40</b> (1960), 277	<i>Bulletin de liaison de la Société Française de Minéralogie et de Cristallographie</i> <b>16</b> (2004), 76
Davidite-(La)	$La(Y,U)Fe_2(Ti,Fe,Cr,V)_{18}(O,OH,F)_{38}$	Rn	1987 s.p.	Australia	<i>Transactions of the Royal Society of South Australia</i> <b>30</b> (1906), 188	<i>American Mineralogist</i> <b>64</b> (1979), 1010
Davidlloydite	$Zn_3(AsO_4)_2 \cdot 4H_2O$	A	2011-053	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 45	
Davidsmithite	$(Ca, \square)_2Na_6Al_8Si_8O_{32}$	A	2016-070	Norway	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Davinciite	$Na_{12}K_3Ca_6Fe^{2+}_3Zr_3(Si_{26}O_{73}OH)Cl_2$	A	2011-019	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(2)</b> (2012), 10	<i>Doklady Chemistry</i> <b>424</b> (2009), 11
Davsite	$CaScAlSiO_6$	A	2008-030	Mexico (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 845	
Davreuxite	$Mn^{2+}Al_6Si_4O_{17}(OH)_2$	G	1878	Belgium	<i>Bulletin de l'Académie Royale de Belgique, Sér.II</i> <b>46</b> (1878), 240	<i>American Mineralogist</i> <b>69</b> (1984), 783
Davyne	$[(Na,K)_6(SO_4)_{0.5}Cl][Ca_2Cl_2][(Si_6Al_6O_{24})]$	G	1825	Italy	Prodromo della mineralogia vesuviana. Da' Torchi del Tramater, Napoli (1825)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 97
Dawsonite	$NaAl(CO_3)(OH)_2$	G	1874	Canada	<i>Canadian Naturalist and Quarterly Journal of Science</i> <b>7</b> (1874), 305	<i>Canadian Mineralogist</i> <b>9</b> (1967), 51
Deanessmithite	$Hg^{1+}_2Hg^{2+}_3S_2O(CrO_4)$	A	1991-001	USA	<i>Canadian Mineralogist</i> <b>31</b> (1993), 787	<i>Canadian Mineralogist</i> <b>35</b> (1997), 765
Debattistiite	$Ag_9Hg_{0.5}As_6S_{12}Te_2$	A	2011-098	Switzerland	<i>Mineralogical Magazine</i> <b>76</b> (2012), 743	
Decagonite	$Al_{71}Ni_{24}Fe_5$	A	2015-017	Russia (meteorite)	<i>American Mineralogist</i> <b>100</b> (2015), 2340	
Decrespignyite-(Y)	$Y_4Cu(CO_3)_4Cl(OH)_5 \cdot 2H_2O$	A	2001-027	Australia	<i>Mineralogical Magazine</i> <b>66</b> (2002), 181	
Deerite	$Fe^{2+}_6Fe^{3+}_3(Si_6O_{17})O_3(OH)_5$	A	1964-016	USA	<i>American Mineralogist</i> <b>50</b> (1965), 278	<i>American Mineralogist</i> <b>62</b> (1977), 990
Defernite	$Ca_6(CO_3)_{1.58}(Si_2O_7)_{0.21}(OH)_7[Cl_{0.50}(OH)_{0.08}(H_2O)_{0.42}]$	A	1978-057	Turkey	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 185	<i>American Mineralogist</i> <b>81</b> (1996), 625
Delafossite	$Cu^{1+}Fe^{3+}O_2$	G	1873	Russia	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>77</b> (1873), 211	
Delhayelite	$K_7Na_3Ca_5Al_2Si_{14}O_{38}F_4Cl_2$	A	1962 s.p.	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>32</b> (1959), 6	<i>Rendiconti della Società Italiana di Mineralogia e Petrologia</i> <b>26</b> (1970), 63
Delhuyarite-(Ce)	$Ce_4Mg(Fe^{3+},W)_3\square(Si_2O_7)_2O_6(OH)_2$	A	2016-091	Sweden	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Deliensite	$Fe^{2+}(UO_2)_2(SO_4)_2(OH)_2 \cdot 7H_2O$	A	1996-013	France	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1021	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2837
Delindeite	$Ba_2Ti_2(Na_2\square)Ti(Si_2O_7)_2(OH)_2(H_2O)_2O_2$	Rd	1987-004	USA	<i>Mineralogical Magazine</i> <b>51</b> (1987), 417	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1307
Dellaite	$Ca_6(Si_2O_7)(SiO_4)(OH)_2$	A	1964-005	United Kingdom	<i>Mineralogical Magazine</i> <b>34</b> (1965), 1	<i>Mineralogical Magazine</i> <b>75</b> (2011), 379
Deloneite	$(Na_{0.5}REE_{0.25}Ca_{0.25})(Ca_{0.75}REE_{0.25})Sr_{1.5}(CaNa_{0.25}REE_{0.25})(PO_4)_3F_{0.5}(OH)_{0.5}$	Rd	1995-036	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(5)</b> (1996), 83	<i>Doklady Akademii Nauk</i> <b>349</b> (1996), 354
Deloryite	$Cu_4(UO_2)Mo_2O_8(OH)_6$	A	1990-037	France	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 58	<i>Journal of Alloys and Compounds</i> <b>239</b> (1996), 23
Delrioite	$Sr(VO_3)_2 \cdot 4H_2O$	Rd	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 261	<i>American Mineralogist</i> <b>55</b> (1970), 185



Deltalumite	Al <sub>2</sub> O <sub>3</sub>	A	2016-027	Russia	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Delvauxite	CaFe <sup>3+</sup> <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>8</sub> ·4-5H <sub>2</sub> O	Q	1838	Belgium	<i>Bulletin de l'Académie Royale des Sciences de Belgique</i> <b>5</b> (1938), 296	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>26</b> (1979), 79
Demartinite	K <sub>2</sub> SiF <sub>6</sub>	A	2006-034	Italy	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1275	
Demesmaekerite	Pb <sub>2</sub> Cu <sub>5</sub> (UO <sub>2</sub> ) <sub>2</sub> (Se <sup>4+</sup> O <sub>3</sub> ) <sub>6</sub> (OH) <sub>6</sub> ·2H <sub>2</sub> O	A	1965-019	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>88</b> (1965), 422	<i>Acta Crystallographica</i> <b>C39</b> (1983), 824
Demicheleite-(Br)	BiSBr	Rn	2007-022	Italy	<i>American Mineralogist</i> <b>93</b> (2008), 1603	
Demicheleite-(Cl)	BiSCl	A	2008-020	Italy	<i>American Mineralogist</i> <b>94</b> (2009), 1045	
Demicheleite-(I)	BiSI	A	2009-049	Italy	<i>Mineralogical Magazine</i> <b>74</b> (2010), 141	
Denisovite	KCa <sub>2</sub> Si <sub>3</sub> O <sub>8</sub> F	A	1982-031	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 718	<i>IUCrJ</i> <b>4</b> (2017), 223
Denningite	CaMn <sup>2+</sup> Te <sup>4+</sup> <sub>4</sub> O <sub>10</sub>	A	1967 s.p.	Mexico	<i>Canadian Mineralogist</i> <b>7</b> (1963), 443	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>10</b> (1965), 241
Depmeierite	Na <sub>8</sub> [Al <sub>6</sub> Si <sub>6</sub> O <sub>24</sub> ](PO <sub>4</sub> ,CO <sub>3</sub> ) <sub>1-x</sub> ·3H <sub>2</sub> O (x < 0.5)	A	2009-075	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 63	
Derbylite	Fe <sup>3+</sup> <sub>4</sub> Ti <sup>4+</sup> <sub>3</sub> Sb <sup>3+</sup> O <sub>13</sub> (OH)	G	1897	Brazil	<i>Mineralogical Magazine</i> <b>11</b> (1897), 176	<i>Canadian Mineralogist</i> <b>21</b> (1987), 513
Derriksite	Cu <sub>4</sub> (UO <sub>2</sub> )(Se <sup>4+</sup> O <sub>3</sub> ) <sub>2</sub> (OH) <sub>6</sub>	A	1971-033	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 534	<i>Acta Crystallographica</i> <b>C39</b> (1983), 1605
Dervillite	Ag <sub>2</sub> AsS <sub>2</sub>	Rd	1983 s.p.	France	<i>Revue des Sciences Naturelles d'Auvergne</i> <b>7</b> (1941), 110	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3105
Desautelsite	Mg <sub>6</sub> Mn <sup>3+</sup> <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>16</sub> ·4H <sub>2</sub> O	A	1978-016	USA	<i>American Mineralogist</i> <b>64</b> (1979), 127	
Desclozite	PbZn(VO <sub>4</sub> )(OH)	G	1854	Argentina	<i>Annales de Chimie et de Physique</i> <b>41</b> (1854), 72	<i>Acta Crystallographica</i> <b>B35</b> (1979), 717
Despujolsite	Ca <sub>3</sub> Mn <sup>4+</sup> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	1967-039	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>91</b> (1968), 43	
Dessauite-(Y)	Sr(Y,U,Mn)Fe <sub>2</sub> (Ti,Fe,Cr,V) <sub>18</sub> (O,OH) <sub>38</sub>	A	1994-057	Italy	<i>American Mineralogist</i> <b>82</b> (1997), 807	
Destinezite	Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> )(SO <sub>4</sub> )(OH)·6H <sub>2</sub> O	Rd	2000 s.p.	Belgium	<i>Bulletin de la Société Belge de Géologie</i> <b>7</b> (1881), 117	<i>Clays and Clay Minerals</i> <b>47</b> (1999), 1
Deveroite-(Ce)	Ce <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ·10H <sub>2</sub> O	A	2013-003	Italy	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3019	
Devilline	CaCu <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	1971 s.p.	United Kingdom	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>59</b> (1864), 813	<i>Acta Crystallographica</i> <b>B28</b> (1972), 1182
Devitoite	[Ba <sub>6</sub> (PO <sub>4</sub> ) <sub>2</sub> (CO <sub>3</sub> )] [Fe <sup>2+</sup> <sub>7</sub> (OH) <sub>4</sub> Fe <sup>3+</sup> <sub>2</sub> O <sub>2</sub> (SiO <sub>3</sub> ) <sub>8</sub> ]	A	2009-010	USA	<i>Canadian Mineralogist</i> <b>48</b> (2010), 29	
Dewindtite	H <sub>2</sub> Pb <sub>3</sub> (UO <sub>2</sub> ) <sub>6</sub> O <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> ·12H <sub>2</sub> O	G	1922	Democratic Republic of the Congo	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>174</b> (1922), 623	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 399
Diaboleite	CuPb <sub>2</sub> Cl <sub>2</sub> (OH) <sub>4</sub>	Rn	2007 s.p.	United Kingdom	<i>Mineralogical Magazine</i> <b>20</b> (1923), 67	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1125
Diadochite	Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> )(SO <sub>4</sub> )(OH)·6H <sub>2</sub> O	G	1837	Germany	<i>Journal für Praktische Chemie</i> <b>10</b> (1837), 503	<i>Clays and Clay Minerals</i> <b>47</b> (1999), 1
Diamond	C	G	?	unknown	original paper?	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1063

Diaoyudaoite	NaAl <sub>11</sub> O <sub>17</sub>	A	1985-005	Taiwan	<i>Kuangwu Xuebao (Acta Mineralogica Sinica)</i> <b>6</b> (1986), 224	<i>Huaxue Xuebao</i> <b>50</b> (1992), 527
Diaphorite	Ag <sub>3</sub> Pb <sub>2</sub> Sb <sub>3</sub> S <sub>8</sub>	G	1871	Czech Republic / Germany	<i>Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften</i> <b>63</b> (1871), 130	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 137
Diaspore	AlO(OH)	G	1801	Russia	Traité de Minéralogie, Vol. 4. Chez Louis, Paris (1801)358	<i>Physics and Chemistry of Minerals</i> <b>5</b> (1979), 179
Dickinsonite-(KMnNa)	K(NaMn)CaNa <sub>3</sub> AlMn <sub>13</sub> (PO <sub>4</sub> ) <sub>12</sub> (OH) <sub>2</sub>	A	2005-048	USA	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Dickite	Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	G	1930	United Kingdom	<i>American Mineralogist</i> <b>15</b> (1930), 34	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 19
Dickthomssenite	MgV <sub>2</sub> O <sub>6</sub> ·7H <sub>2</sub> O	A	2000-047	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1691	
Diegogattaite	Na <sub>2</sub> CaCu <sub>2</sub> Si <sub>8</sub> O <sub>20</sub> ·H <sub>2</sub> O	A	2012-096	South Africa	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3155	
Dietrichite	ZnAl <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ·22H <sub>2</sub> O	G	1878	Romania	<i>Verhandlungen der Kaiserlich-Königlichen Geologischen Reichsanstalt</i> (1878), 189	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1043
Dietzeite	Ca <sub>2</sub> (IO <sub>3</sub> ) <sub>2</sub> (CrO <sub>4</sub> )·H <sub>2</sub> O	G	1894	Chile	<i>Zeitschrift für Kristallographie</i> <b>23</b> (1894), 588	<i>Canadian Mineralogist</i> <b>31</b> (1993), 313
Digenite	Cu <sub>1.8</sub> S	A	1962 s.p.	Germany	<i>Annalen der Physik und Chemie</i> <b>137</b> (1844), 671	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 591
Dimorphite	As <sub>4</sub> S <sub>3</sub>	G	1849	Italy	Memorie Geologiche sulla Campania. Gabinetto Bibliografico e Tipografico, Napoli (1849), 83	<i>Zeitschrift für Kristallographie</i> <b>138</b> (1973), 161
Dingdaohengite-(Ce)	(Ce,La) <sub>4</sub> Fe <sup>2+</sup> (Ti,Fe <sup>2+</sup> ,Mg,Fe <sup>3+</sup> ) <sub>2</sub> Ti <sub>2</sub> Si <sub>4</sub> O <sub>22</sub>	A	2005-014	China	<i>American Mineralogist</i> <b>93</b> (2008), 740	<i>Acta Mineralogica Sinica</i> <b>25</b> (2005), 313
Dinite	C <sub>20</sub> H <sub>36</sub>	G	1852	Italy	<i>Gazzetta Medica Italiana, Toscana, Ser. II</i> <b>4</b> (1852), 233	<i>European Journal of Mineralogy</i> <b>3</b> (1991), 855
Diopside	CaMgSi <sub>2</sub> O <sub>6</sub>	A	1988 s.p.	Italy	<i>Allgemeines Journal der Chemie</i> <b>4</b> (1800), 29	<i>American Mineralogist</i> <b>93</b> (2008), 177
Diopase	CuSiO <sub>3</sub> ·H <sub>2</sub> O	G	1798	Kazakhstan	<i>Journal des Mines</i> <b>5</b> (1797), 274	<i>Doklady Akademii Nauk SSSR</i> <b>239</b> (1978) 842
Dioskouriite	CaCu <sub>4</sub> Cl <sub>6</sub> (OH) <sub>4</sub> ·4H <sub>2</sub> O	A	2015-106	Russia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Direnzoite	NaK <sub>6</sub> MgCa <sub>2</sub> (Al <sub>13</sub> Si <sub>47</sub> )O <sub>120</sub> ·36H <sub>2</sub> O	A	2006-044	France	<i>American Mineralogist</i> <b>93</b> (2008), 95	
Dissakisite-(Ce)	CaCe(Al <sub>2</sub> Mg)[Si <sub>2</sub> O <sub>7</sub> ][SiO <sub>4</sub> ]O(OH)	A	1990-004	Antarctica	<i>American Mineralogist</i> <b>76</b> (1991), 1990	<i>Canadian Mineralogist</i> <b>31</b> (1993), 153
Dissakisite-(La)	CaLa(Al <sub>2</sub> Mg)[Si <sub>2</sub> O <sub>7</sub> ][SiO <sub>4</sub> ]O(OH)	A	2003-007	Italy	<i>American Mineralogist</i> <b>90</b> (2005), 1177	<i>American Mineralogist</i> <b>91</b> (2006), 104
Disulfodadsonite	Pb <sub>11</sub> Sb <sub>13</sub> S <sub>30</sub> (S <sub>2</sub> ) <sub>0.5</sub>	A	2011-076	Italy	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 1005	
Dittmarite	(NH <sub>4</sub> )Mg(PO <sub>4</sub> )·H <sub>2</sub> O	G	1887	Australia	<i>Chemical News and Journal of Industrial Science</i> <b>55</b> (1887), 215	
Diversilite-(Ce)	Na <sub>2</sub> Ba <sub>6</sub> Ce <sub>2</sub> Fe <sup>2+</sup> Ti <sub>3</sub> Si <sub>12</sub> O <sub>36</sub> (OH) <sub>10</sub> ·nH <sub>2</sub> O	A	2002-043	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(5)</b> (2003), 34	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(1)</b> (2005), 113
Dixenite	Cu <sup>1+</sup> Fe <sup>3+</sup> Mn <sup>2+</sup> <sub>14</sub> (As <sup>5+</sup> O <sub>4</sub> )(As <sup>3+</sup> O <sub>3</sub> ) <sub>5</sub> (SiO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	G	1920	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>42</b> (1920), 436	<i>American Mineralogist</i> <b>66</b> (1981), 1263
Djerfisherite	K <sub>6</sub> (Fe,Cu,Ni) <sub>25</sub> S <sub>26</sub> Cl	A	1965-028	South Africa (meteorite)	<i>Science</i> <b>153</b> (1966), 166	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1201
Djurleite	Cu <sub>31</sub> S <sub>16</sub>	A	1967 s.p.	Mexico	<i>American Mineralogist</i> <b>47</b> (1962), 1181	<i>Zeitschrift für Kristallographie</i> <b>150</b> (1979), 299
Dmisokolovite	K <sub>3</sub> Cu <sub>5</sub> AlO <sub>2</sub> (AsO <sub>4</sub> ) <sub>4</sub>	A	2013-079	Russia	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1737	

Dmisteinbergite	$\text{Ca}(\text{Al}_2\text{Si}_2\text{O}_8)$	A	1989-010	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(5)</b> (1990), 43	<i>American Mineralogist</i> <b>98</b> (2013), 1368
Dmitryivanovite	$\text{CaAl}_2\text{O}_4$	A	2006-035	Morocco (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 746	<i>Materials Research Bulletin</i> <b>15</b> (1980), 925
Dolerophanite	$\text{Cu}_2\text{O}(\text{SO}_4)$	G	1873	Italy	<i>Atti dell'Accademia delle Scienze Fisiche e Matematiche</i> <b>5</b> (1873), 22	<i>Monatshefte für Chemie</i> <b>116</b> (1985), 927
Dollaseite-(Ce)	$\text{CaCe}(\text{Mg}_2\text{Al})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{F}(\text{OH})$	Rd	1987 s.p.	Sweden	<i>Sveriges Geologiska Undersökning</i> <b>20</b> (1927), 1	<i>American Mineralogist</i> <b>73</b> (1988), 838
Dolomite	$\text{CaMg}(\text{CO}_3)_2$	G	1792	Italy	<i>Observations sur la Physique, sur l'Histoire Naturelle et sur les Arts</i> <b>40</b> (1792), 161	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1255
Doloresite	$\text{V}^{4+}_3\text{O}_4(\text{OH})_4$	G	1957	USA	<i>American Mineralogist</i> <b>42</b> (1957), 587	<i>American Mineralogist</i> <b>45</b> (1960), 1144
Domerokite	$\text{Cu}_4(\text{AsO}_4)(\text{AsO}_3\text{OH})(\text{OH})_3 \cdot \text{H}_2\text{O}$	A	2009-016	Australia	<i>Mineralogical Magazine</i> <b>77</b> (2013), 509	
Domeykite	$\text{Cu}_3\text{As}$	G	1845	Chile	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Zeitschrift für Kristallographie</i> <b>145</b> (1977), 334
Domeykite-β	$\text{Cu}_3\text{As}$	Rd	1949	Iran	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>78</b> (1949), 3	<i>Zeitschrift für Kristallographie</i> <b>122</b> (1965), 399
Donbassite	$\text{Al}_2(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2 \cdot \text{Al}_{2.33}(\text{OH})_6$	G	1940	Ukraine	<i>Comptes Rendus de l'Academie des Sciences de Russie</i> <b>28</b> (1940), 519	<i>Clays and Clay Minerals</i> <b>37</b> (1989), 193
Donharrisite	$\text{Ni}_8\text{Hg}_3\text{S}_9$	A	1987-007	Austria	<i>Canadian Mineralogist</i> <b>27</b> (1989), 257	
Donnayite-(Y)	$\text{NaSr}_3\text{CaY}(\text{CO}_3)_6 \cdot 3\text{H}_2\text{O}$	Rn	1978-007	Canada	<i>Canadian Mineralogist</i> <b>16</b> (1978), 335	<i>Acta Crystallographica</i> <b>C40</b> suppl. (1984), C257
Donpeacorite	$(\text{Mn}, \text{Mg})\text{MgSi}_2\text{O}_6$	A	1982-045	USA	<i>American Mineralogist</i> <b>69</b> (1984), 472	
Dorallcharite	$\text{TlFe}^{3+}_3(\text{SO}_4)_2(\text{OH})_6$	A	1992-041	Macedonia	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 255	
Dorfmanite	$\text{Na}_2(\text{PO}_3\text{OH}) \cdot 2\text{H}_2\text{O}$	A	1979-053	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 211	<i>Acta Crystallographica</i> <b>B33</b> (1977), 3449
Dorrite	$\text{Ca}_4[\text{Mg}_3\text{Fe}^{3+}_9]\text{O}_4[\text{Si}_3\text{Al}_8\text{Fe}^{3+}_{36}]$	A	1987-054	USA	<i>American Mineralogist</i> <b>73</b> (1988), 1440	<i>Journal of Mineralogy and Geochemistry</i> <b>193</b> (2016), 275
Douglasite	$\text{K}_2\text{Fe}^{2+}\text{Cl}_4 \cdot 2\text{H}_2\text{O}$	G	1880	Germany	<i>Berichte der Deutschen Chemischen Gesellschaft Berlin</i> <b>13</b> (1880), 2326	
Dovyrenite	$\text{Ca}_6\text{Zr}(\text{Si}_2\text{O}_7)_2(\text{OH})_4$	A	2007-002	Russia	<i>Mineralogia Polonica</i> <b>38</b> (2007), 15	<i>American Mineralogist</i> <b>93</b> (2008), 456
Downeyite	$\text{SeO}_2$	A	1974-063	USA	<i>American Mineralogist</i> <b>62</b> (1977), 316	
Doyleite	$\text{Al}(\text{OH})_3$	A	1980-041	Canada	<i>Canadian Mineralogist</i> <b>23</b> (1985), 21	<i>Zeitschrift für Kristallographie</i> <b>213</b> (1998), 96
Dozyite	$\text{Mg}_7\text{Al}_2(\text{Si}_4\text{Al}_2)\text{O}_{15}(\text{OH})_{12}$	A	1993-042	Indonesia	<i>American Mineralogist</i> <b>80</b> (1995), 65	<i>American Mineralogist</i> <b>81</b> (1996), 79
Dravertite	$\text{CuMg}(\text{SO}_4)_2$	A	2014-104	Russia	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 323	
Dravite	$\text{NaMg}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	G	1884	Slovenia	Lehrbuch der Mineralogie. Hölder, Wien (1884), 470	<i>Canadian Mineralogist</i> <b>49</b> (2011), 29
Dresserite	$\text{Ba}_2\text{Al}_4(\text{CO}_3)_4(\text{OH})_8 \cdot 3\text{H}_2\text{O}$	A	1968-027	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1969), 84	
Dreyerite	$\text{Bi}(\text{VO}_4)$	A	1978-077	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 151	
Drobecite	$\text{Cd}(\text{SO}_4) \cdot 4\text{H}_2\text{O}$	A	2002-034	Greece	20th General Meeting of IMA. Budapest, August 2010 (abstr.)	

Droninoite	$\text{Ni}_6\text{Fe}^{3+}_2\text{Cl}_2(\text{OH})_{16}\cdot 4\text{H}_2\text{O}$	A	2008-003	Russia (meteorite)	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>137(6)</b> (2008), 38	
Drugmanite	$\text{Pb}_2\text{Fe}^{3+}(\text{PO}_4)(\text{PO}_3\text{OH})(\text{OH})_2$	A	1978-081	Belgium	<i>Mineralogical Magazine</i> <b>43</b> (1979), 463	<i>Bulletin de Minéralogie</i> <b>111</b> (1988), 431
Drysdallite	$\text{MoSe}_2$	A	1973-027	Zambia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1973), 433	
Dualite	$\text{Na}_{30}(\text{Ca}, \text{Na}, \text{Ce}, \text{Sr})_{12}(\text{Na}, \text{Mn}, \text{Fe}, \text{Ti})_6\text{Zr}_3\text{Ti}_3\text{MnSi}_{51}\text{O}_{144}(\text{OH}, \text{H}_2\text{O}, \text{Cl})_9$	A	2005-019	Russia	<i>Proceedings of the Russian Mineralogical Society</i> <b>136(4)</b> (2007), 31	<i>Zeitschrift für Kristallographie</i> <b>214</b> (1999) 271
Dufrénite	$\text{Ca}_{0.5}\text{Fe}^{2+}\text{Fe}^{3+}_5(\text{PO}_4)_4(\text{OH})_6\cdot 2\text{H}_2\text{O}$	G	1833	Germany	Tableau des espèces minérales. Librairie Encyclopédique De Roret, Paris (1833), 20	<i>Mineralogical Magazine</i> <b>54</b> (1990), 419
Dufrénoysite	$\text{Pb}_2\text{As}_2\text{S}_5$	G	1845	Switzerland	<i>Annales de Chimie et de Physique</i> <b>14</b> (1845), 379	<i>Zeitschrift für Kristallographie</i> <b>130</b> (1969), 15
Duftite	$\text{PbCu}(\text{AsO}_4)(\text{OH})$	G	1920	Namibia	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1920), 289	<i>Mineralogical Magazine</i> <b>62</b> (1998), 121
Dugganite	$\text{Pb}_3\text{Zn}_3(\text{TeO}_6)(\text{AsO}_4)_2$	A	1978-034	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1016	<i>Canadian Mineralogist</i> <b>36</b> (1998), 823
Dukeite	$\text{Bi}^{3+}_{24}\text{Cr}^{6+}_8\text{O}_{57}(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	1999-021	Brazil	<i>American Mineralogist</i> <b>85</b> (2000), 1822	
Dumontite	$\text{Pb}_2(\text{UO}_2)_3\text{O}_2(\text{PO}_4)_2\cdot 5\text{H}_2\text{O}$	G	1924	Democratic Republic of the Congo	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>179</b> (1924), 693	<i>Bulletin de Minéralogie</i> <b>111</b> (1988), 439
Dumortierite	$\text{AlAl}_6\text{BSi}_3\text{O}_{18}$	Rd	2013 s.p.	France	<i>Bulletin de la Société Minéralogique de France</i> <b>4</b> (1881), 2	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 173
Dundasite	$\text{PbAl}_2(\text{CO}_3)_2(\text{OH})_4\cdot \text{H}_2\text{O}$	G	1894	Australia	Papers and Proceedings of the Royal Society of Tasmania for 1893. The Mercury, Hobart (1984), 26	<i>Mineralogical Magazine</i> <b>38</b> (1972), 564
Durangite	$\text{NaAl}(\text{AsO}_4)\text{F}$	G	1869	Mexico	<i>American Journal of Science and Arts</i> <b>98</b> (1869), 179	<i>Canadian Mineralogist</i> <b>23</b> (1985), 241
Duranusite	$\text{As}_4\text{S}$	A	1973-003	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>96</b> (1973), 131	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 147
Dusmatovite	$\text{KK}_2\text{Mn}_2(\text{Zn}_2\text{LiSi}_{12})\text{O}_{30}$	A	1994-010	Tajikistan	<i>Vestnik Moskovskogo Universiteta, Geologiya Seriya</i> <b>4</b> (1996), 54	<i>Doklady Akademii Nauk</i> <b>344</b> (1995), 607
Dussertite	$\text{BaFe}^{3+}_3(\text{AsO}_4)(\text{AsO}_3\text{OH})(\text{OH})_6$	Rd	1999 s.p.	Algeria	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>180</b> (1925), 299	<i>Mineralogical Magazine</i> <b>63</b> (1999), 17
Duttonite	$\text{V}^{4+}\text{O}(\text{OH})_2$	G	1957	USA	<i>American Mineralogist</i> <b>42</b> (1957), 455	<i>Acta Crystallographica</i> <b>11</b> (1958), 56
Dwornikite	$\text{Ni}(\text{SO}_4)\cdot \text{H}_2\text{O}$	A	1981-031	Peru	<i>Mineralogical Magazine</i> <b>46</b> (1982), 351	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 296
Dymkovite	$\text{Ni}(\text{UO}_2)_2(\text{As}^{3+}\text{O}_3)_2\cdot 7\text{H}_2\text{O}$	A	2010-087	Russia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 923	
Dypingite	$\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2\cdot 5\text{H}_2\text{O}$	A	1970-011	Norway	<i>American Mineralogist</i> <b>55</b> (1970), 1457	
Dyrnaesite-(La)	$\text{Na}_8\text{Ce}^{4+}(\text{La}, \text{REE})_2(\text{PO}_4)_6$	A	2014-070	Denmark (Greenland)	<i>Mineralogical Magazine</i> <b>81</b> (2017), 103	<i>Mineralogical Magazine</i> <b>81</b> (2017), 199
Dyscrasite	$\text{Ag}_{3+x}\text{Sb}_{1-x}$ ( $x \approx 0.2$ )	G	1832	Germany	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 613	<i>Canadian Mineralogist</i> <b>14</b> (1976), 139
Dzhalindite	$\text{In}(\text{OH})_3$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 445	<i>Journal of Inorganic and Nuclear Chemistry</i> <b>41</b> (1979), 277
Dzharkenite	$\text{FeSe}_2$	A	1993-054	Kazakhstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(1)</b> (1995), 85	

Dzhuluite	$\text{Ca}_3(\text{SbSn})(\text{Fe}^{3+}\text{O}_4)_3$	Rn	2010-064	Russia	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 231	
Dzierżanowskite	$\text{CaCu}_2\text{S}_2$	A	2014-032	Israel	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1073	
Eakerite	$\text{Ca}_2\text{Sn}^{4+}\text{Al}_2\text{Si}_6\text{O}_{18}(\text{OH})_2 \cdot 2\text{H}_2\text{O}$	A	1969-019	USA	<i>Mineralogical Record</i> <b>1</b> (1970), 92	<i>Acta Crystallographica</i> <b>E63</b> (2007), i47
Earlandite	$\text{Ca}_3(\text{C}_6\text{H}_5\text{O}_7)_2 \cdot 4\text{H}_2\text{O}$	G	1936	Antarctica	<i>Discovery Reports</i> <b>13</b> (1936), 67	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>637</b> (2011), 655
Earlshannonite	$\text{Mn}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	1983-010	USA	<i>Canadian Mineralogist</i> <b>22</b> (1984), 471	
Eastonite	$\text{KAlMg}_2(\text{Si}_2\text{Al}_2)\text{O}_{10}(\text{OH})_2$	Rd	1998 s.p.	USA	<i>American Journal of Science</i> <b>9</b> (1925), 309	<i>American Mineralogist</i> <b>72</b> (1987), 113
Ecandrewsite	$\text{ZnTiO}_3$	A	1978-082	Australia	<i>Mineralogical Magazine</i> <b>52</b> (1988), 237	<i>Acta Crystallographica</i> <b>B60</b> (2004), 496
Ecdemite	$\text{Pb}_6\text{As}^{3+}_2\text{O}_7\text{Cl}_4$	G	1877	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1877), 379	
Eckerite	$\text{Ag}_2\text{CuAsS}_3$	A	2014-063	Switzerland	<i>Mineralogical Magazine</i> <b>79</b> (2015), 687	
Eckermannite	$\text{NaNa}_2(\text{Mg}_4\text{Al})\text{Si}_8\text{O}_{22}(\text{OH})_2$	A	2013-136	Myanmar	<i>American Mineralogist</i> <b>100</b> (2015), 909	
Eckhardite	$(\text{Ca,Pb})\text{Cu}^{2+}\text{Te}^{6+}\text{O}_5(\text{H}_2\text{O})$	A	2012-085	USA	<i>American Mineralogist</i> <b>98</b> (2013), 1617	
Eclarite	$(\text{Cu,Fe})\text{Pb}_9\text{Bi}_{12}\text{S}_{28}$	A	1982-092	Austria	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>32</b> (1983), 103	<i>Canadian Mineralogist</i> <b>50</b> (2012), 371
Écrinsite	$\text{AgTi}_3\text{Pb}_4\text{As}_{11}\text{Sb}_9\text{S}_{36}$	A	2015-099	France	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 689	
Edenharterite	$\text{TiPbAs}_3\text{S}_6$	A	1987-026	Switzerland	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 1265	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>76</b> (1996), 147
Edenite	$\text{NaCa}_2\text{Mg}_5(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	USA	Grundriss der Mineralogie, mit Einschluss der Geognosie und Petrefactenkunde. Schrag, Nurnberg (1839), 410	<i>American Mineralogist</i> <b>65</b> (1980), 557
Edgarbaileyite	$\text{Hg}^{1+}_6\text{Si}_2\text{O}_7$	A	1988-028	USA	<i>Mineralogical Record</i> <b>21</b> (1990), 215	<i>American Mineralogist</i> <b>75</b> (1990), 1192
Edgarite	$\text{FeNb}_3\text{S}_6$	A	1995-017	Russia	<i>Contributions to Mineralogy and Petrology</i> <b>138</b> (2000), 229	
Edgrewite	$\text{Ca}_9(\text{SiO}_4)_4\text{F}_2$	A	2011-058	Russia	<i>American Mineralogist</i> <b>97</b> (2012), 1998	
Edingtonite	$\text{Ba}(\text{Si}_3\text{Al}_2)\text{O}_{10} \cdot 4\text{H}_2\text{O}$	G	1825	United Kingdom	<i>Edinburgh Journal of Science</i> <b>3</b> (1825), 316	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 373
Edoyleite	$\text{Hg}^{2+}_3(\text{Cl}^{6+}\text{O}_4)\text{S}_2$	A	1987-008	USA	<i>Mineralogical Record</i> <b>24</b> (1993), 471	<i>Canadian Mineralogist</i> <b>37</b> (1999), 113
Edtollite	$\text{K}_2\text{NaCu}_5\text{Fe}^{3+}\text{O}_2(\text{AsO}_4)_4$	A	2016-010	Russia	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Edwardsite	$\text{Cu}_3\text{Cd}_2(\text{SO}_4)_2(\text{OH})_6 \cdot 4\text{H}_2\text{O}$	A	2009-048	Australia	<i>Mineralogical Magazine</i> <b>74</b> (2010), 39	
Effenbergerite	$\text{BaCuSi}_4\text{O}_{10}$	A	1993-036	South Africa	<i>Mineralogical Magazine</i> <b>58</b> (1994), 663	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 411
Efremovite	$(\text{NH}_4)_2\text{Mg}_2(\text{SO}_4)_3$	A	1987-033a	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(3)</b> (1989), 84	
Eggletonite	$(\text{Na,K,Ca})_x\text{Mn}_6(\text{Si,Al})_{10}\text{O}_{24}(\text{OH})_4 \cdot n\text{H}_2\text{O}$ ( $x = 1-2$ ; $n = 7-11$ )	A	1982-059	USA	<i>Mineralogical Magazine</i> <b>48</b> (1984), 93	
Eglestonite	$([\text{Hg}^{1+}]_2)_3\text{OCl}_3(\text{OH})$	G	1904	USA	<i>Zeitschrift für Kristallographie</i> <b>39</b> (1904), 3	<i>American Mineralogist</i> <b>77</b> (1992), 839
Ehrleite	$\text{Ca}_2\text{ZnBe}(\text{PO}_4)_2(\text{PO}_3\text{OH}) \cdot 4\text{H}_2\text{O}$	A	1983-039	USA	<i>Canadian Mineralogist</i> <b>23</b> (1985), 507	<i>Canadian Mineralogist</i> <b>25</b> (1987), 767

Eifelite	$\text{KNa}_2(\text{MgNa})(\text{Mg}_3\text{Si}_{12})\text{O}_{30}$	A	1980-097	Germany	<i>Contributions to Mineralogy and Petrology</i> <b>82</b> (1983), 252	
Eirikite	$\text{KNa}_6\text{Be}_2(\text{Si}_{15}\text{Al}_3)\text{O}_{39}\text{F}_2$	A	2007-017	Norway	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 875	<i>American Mineralogist</i> <b>95</b> (2010), 519
Eitelite	$\text{Na}_2\text{Mg}(\text{CO}_3)_2$	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 326	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 230
Ekanite	$\text{Ca}_2\text{ThSi}_8\text{O}_{20}$	A	1967 s.p.	Sri Lanka	<i>Nature</i> <b>190</b> (1961), 997	<i>Canadian Mineralogist</i> <b>20</b> (1982), 65
Ekaterinite	$\text{Ca}_2\text{B}_4\text{O}_7\text{Cl}_2 \cdot 2\text{H}_2\text{O}$	A	1979-067	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 469	
Ekatite	$(\text{Fe}^{3+}, \text{Fe}^{2+}, \text{Zn})_{12}(\text{AsO}_3)_6(\text{AsO}_3, \text{SiO}_3\text{OH})_2(\text{OH})_6$	A	1998-024	Namibia	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 769	
Ekplexite	$(\text{Nb}, \text{Mo})\text{S}_2 \cdot (\text{Mg}_{1-x}\text{Al}_x)(\text{OH})_{2+x}$	A	2011-082	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 663	
Elbaite	$\text{Na}(\text{Al}_{1.5}\text{Li}_{1.5})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	G	1913	Italy	<i>Zeitschrift für Kristallographie</i> <b>53</b> (1913), 273	<i>Canadian Mineralogist</i> <b>32</b> (1994), 31
Elbrusite	$\text{Ca}_3(\text{U}^{6+}_{0.5}\text{Zr}_{1.5})(\text{Fe}^{3+}\text{O}_4)_3$	Rn	2009-051	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 1172	
Eldfellite	$\text{NaFe}^{3+}(\text{SO}_4)_2$	A	2007-051	Iceland	<i>Mineralogical Magazine</i> <b>73</b> (2009), 51	
Eldragónite	$\text{Cu}_6\text{BiSe}_4(\text{Se}_2)$	A	2010-077	Bolivia	<i>Canadian Mineralogist</i> <b>50</b> (2012), 281	
Eleomelanite	$(\text{K}_2\text{Pb})\text{Cu}_4\text{O}_2(\text{SO}_4)_4$	A	2015-118	Russia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Eleonoreite	$\text{Fe}^{3+}_6(\text{PO}_4)_4\text{O}(\text{OH})_4 \cdot 6\text{H}_2\text{O}$	A	2015-003	Germany	<i>Mineralogical Magazine</i> <b>81</b> (2017), 61	
Eliseevite	$\text{Na}_{1.5}\text{Li}\{\text{Ti}_2\text{O}_2[\text{Si}_4\text{O}_{10.5}(\text{OH})_{1.5}]\} \cdot 2\text{H}_2\text{O}$	A	2010-031	Russia	<i>American Mineralogist</i> <b>96</b> (2011), 1624	
Ellenbergerite	$\text{Mg}_6(\text{Mg}, \text{Ti}, \text{Zr}, \square)_2(\text{Al}, \text{Mg})_6\text{Si}_8\text{O}_{28}(\text{OH})_{10}$	A	1984-066	Italy	<i>Contributions to Mineralogy and Petrology</i> <b>92</b> (1986), 316	<i>Crystallography Reports</i> <b>52</b> (2007), 199
Ellingsenite	$\text{Na}_5\text{Ca}_6\text{Si}_{18}\text{O}_{38}(\text{OH})_{13} \cdot 6\text{H}_2\text{O}$	A	2009-041	Namibia	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1165	
Ellisite	$\text{Tl}_3\text{AsS}_3$	A	1977-041	USA	<i>American Mineralogist</i> <b>64</b> (1979), 701	<i>Zeitschrift für Kristallographie</i> <b>151</b> (1980), 249
Elpasolite	$\text{K}_2\text{NaAlF}_6$	G	1883	USA	<i>U.S. Geological Survey Bulletin</i> <b>20</b> (1883), 40	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 481
Elpidite	$\text{Na}_2\text{ZrSi}_6\text{O}_{15} \cdot 3\text{H}_2\text{O}$	G	1894	Denmark (Greenland)	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>16</b> (1894), 330	<i>American Mineralogist</i> <b>58</b> (1973), 106
Eltyubyuite	$\text{Ca}_{12}\text{Fe}^{3+}_{10}\text{Si}_4\text{O}_{32}\text{Cl}_6$	A	2011-022	Russia	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 221	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 137
Elyite	$\text{CuPb}_4(\text{SO}_4)_2(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	1971-043	USA	<i>American Mineralogist</i> <b>57</b> (1972), 364	<i>American Mineralogist</i> <b>85</b> (2000), 1816
Embreyite	$\text{Pb}_5(\text{CrO}_4)_2(\text{PO}_4)_2 \cdot \text{H}_2\text{O}$	A	1971-048	Russia	<i>Mineralogical Magazine</i> <b>38</b> (1972), 790	
Emeausite	$\text{Na}_2\text{LiFe}^{3+}\text{Si}_6\text{O}_{15}$	A	1977-021	Denmark (Greenland)	<i>Mineralogical Magazine</i> <b>42</b> (1978), 31	<i>Zeitschrift für Kristallographie</i> <b>147</b> (1978), 297
Emilite	$\text{Cu}_{10.7}\text{Pb}_{10.7}\text{Bi}_{21.3}\text{S}_{48}$	A	2001-015	Austria	<i>Canadian Mineralogist</i> <b>44</b> (2006), 459	<i>Canadian Mineralogist</i> <b>40</b> (2002), 239
Emmerichite	$\text{Ba}_2\text{Ti}_2\text{Na}_3\text{Fe}^{3+}(\text{Si}_2\text{O}_7)_2\text{O}_2\text{F}_2$	Rd	2013-064	Germany	<i>New Data on Minerals</i> <b>49</b> (2014), 5	<i>Zeitschrift für Kristallographie</i> <b>229</b> (2014), 1
Emmonsite	$\text{Fe}^{3+}_2(\text{Te}^{4+}\text{O}_3)_3 \cdot 2\text{H}_2\text{O}$	G	1885	USA	<i>Proceedings of the Colorado Scientific Society</i> <b>2</b> (1885), 20	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>18</b> (1972), 157
Emplectite	$\text{CuBiS}_2$	G	1855	Germany	Uebersicht der Resultate Mineralogischer Forschungen im Jahre 1853. Weigel, Leipzig (1855), 125	<i>American Mineralogist</i> <b>90</b> (2005), 162
Empressite	$\text{AgTe}$	Rd	1964 s.p.	USA	<i>American Journal of Science</i> <b>38</b> (1914), 163	<i>American Mineralogist</i> <b>89</b> (2004), 1043

Enargite	$\text{Cu}_3\text{AsS}_4$	G	1850	Peru	<i>Annalen der Physik und Chemie</i> <b>80</b> (1850), 383	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2002), 241
Engelhauptite	$\text{KCu}_3(\text{V}_2\text{O}_7)(\text{OH})_2\text{Cl}$	A	2013-009	Germany	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 705	
Englishite	$\text{K}_3\text{Na}_2\text{Ca}_{10}\text{Al}_{15}(\text{OH})_7(\text{PO}_4)_{21}\cdot 26\text{H}_2\text{O}$	G	1930	USA	<i>American Mineralogist</i> <b>15</b> (1930), 307	<i>Canadian Mineralogist</i> <b>22</b> (1984), 469
Enneasartorite	$\text{Ti}_6\text{Pb}_{32}\text{As}_{70}\text{S}_{140}$	A	2015-074	Switzerland	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 701	
Enstatite	$\text{Mg}_2\text{Si}_2\text{O}_6$	A	1988 s.p.	Czech Republic	<i>Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften</i> <b>16</b> (1855), 152	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 365
Eosphorite	$\text{Mn}^{2+}\text{Al}(\text{PO}_4)(\text{OH})_2\cdot \text{H}_2\text{O}$	G	1878	USA	<i>American Journal of Science and Arts</i> <b>116</b> (1878), 33	<i>American Mineralogist</i> <b>98</b> (2013), 1297
Ephesite	$\text{NaLiAl}_2(\text{Si}_2\text{Al}_2)\text{O}_{10}(\text{OH})_2$	A	1998 s.p.	Turkey	<i>American Journal of Science</i> <b>11</b> (1851), 53	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 275
Epididymite	$\text{Na}_2\text{Be}_2\text{Si}_6\text{O}_{15}\cdot \text{H}_2\text{O}$	G	1893	Denmark (Greenland)	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>15</b> (1893), 195	<i>American Mineralogist</i> <b>93</b> (2008), 1158
Epidote	$\text{Ca}_2(\text{Al}_2\text{Fe}^{3+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	G	1801	unknown	Traité de Minéralogie, Vol. 3. Chez Louis, Paris (1801), 102	<i>American Mineralogist</i> <b>95</b> (2010), 1237
Epidote-(Sr)	$\text{CaSr}(\text{Al}_2\text{Fe}^{3+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	A	2006-055	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>103</b> (2008), 400	
Epifanovite	$\text{NaCaCu}_5(\text{PO}_4)_4[\text{AsO}_2(\text{OH})_2]\cdot 7\text{H}_2\text{O}$	A	2016-063	Russia	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Epistilbite	$\text{Ca}_3[\text{Si}_{18}\text{Al}_6\text{O}_{48}]\cdot 16\text{H}_2\text{O}$	A	1997 s.p.	Iceland	<i>Annalen der Physik und Chemie</i> <b>6</b> (1826), 183	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 263
Epistolite	$(\text{Na}\square)\text{Nb}_2\text{Na}_3\text{Ti}(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2(\text{H}_2\text{O})_4$	Rd	2016 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 183	<i>Canadian Mineralogist</i> <b>42</b> (2004), 797
Epsomite	$\text{Mg}(\text{SO}_4)\cdot 7\text{H}_2\text{O}$	G	1806	United Kingdom	<i>Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts</i> <b>62</b> (1806), 319	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 449
Erazoite	$\text{Cu}_4\text{SnS}_6$	A	2014-061	Chile	<i>Journal of Mineralogy and Geochemistry</i> <b>194</b> (2017), 91	
Ercitite	$\text{NaMn}^{3+}(\text{PO}_4)(\text{OH})\cdot 2\text{H}_2\text{O}$	A	1999-036	Canada	<i>Canadian Mineralogist</i> <b>38</b> (2000), 893	<i>Canadian Mineralogist</i> <b>47</b> (2009), 173
Erdite	$\text{NaFeS}_2\cdot 2\text{H}_2\text{O}$	A	1977-048	USA	<i>American Mineralogist</i> <b>65</b> (1980), 509	<i>American Mineralogist</i> <b>65</b> (1980), 516
Ericaite	$\text{Fe}^{2+}_3\text{B}_7\text{O}_{13}\text{Cl}$	G	1950	Germany	<i>Aufschluss</i> <b>1</b> (1950), 24	<i>Chemie der Erde</i> <b>17</b> (1955), 211
Ericlaxmanite	$\text{Cu}_4\text{O}(\text{AsO}_4)_2$	A	2013-022	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1553	
Ericssonite	$\text{BaMn}^{2+}_2\text{Fe}^{3+}(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$	Rd	1966-013	Sweden	<i>Lithos</i> <b>4</b> (1971), 137	<i>Canadian Mineralogist</i> <b>52</b> (2014), 569
Erikapohlite	$\text{Cu}^{2+}_3(\text{Zn,Cu,Mg})_4\text{Ca}_2(\text{AsO}_4)_6\cdot 2\text{H}_2\text{O}$	A	2010-090	Namibia	<i>Journal of Mineralogy and Geochemistry</i> <b>190</b> (2013), 319	
Eringaite	$\text{Ca}_3\text{Sc}_2(\text{SiO}_4)_3$	A	2009-054	Russia	<i>Mineralogical Magazine</i> <b>74</b> (2010), 365	
Eriochalcite	$\text{CuCl}_2\cdot 2\text{H}_2\text{O}$	G	1870	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>9</b> (1870), 86	<i>Zeitschrift für Kristallographie</i> <b>189</b> (1989), 13
Erionite-Ca	$\text{Ca}_5[\text{Si}_{26}\text{Al}_{10}\text{O}_{72}]\cdot 30\text{H}_2\text{O}$	A	1997 s.p.	Japan	<i>American Mineralogist</i> <b>52</b> (1967), 1785	<i>American Mineralogist</i> <b>83</b> (1998), 590
Erionite-K	$\text{K}_{10}[\text{Si}_{26}\text{Al}_{10}\text{O}_{72}]\cdot 30\text{H}_2\text{O}$	A	1997 s.p.	USA	<i>American Mineralogist</i> <b>49</b> (1964), 30	<i>American Mineralogist</i> <b>83</b> (1998), 577
Erionite-Na	$\text{Na}_{10}[\text{Si}_{26}\text{Al}_{10}\text{O}_{72}]\cdot 30\text{H}_2\text{O}$	Rn	1997 s.p.	USA	<i>American Journal of Science</i> <b>156</b> (1898), 66	<i>Acta Crystallographica</i> <b>B33</b> (1977), 3265
Erlianite	$\text{Fe}^{2+}_4\text{Fe}^{3+}_2\text{Si}_6\text{O}_{15}(\text{OH})_8$	A	1985-042	China	<i>Mineralogical Magazine</i> <b>50</b> (1986), 285	

Erlichmanite	OsS <sub>2</sub>	A	1970-048	USA	<i>American Mineralogist</i> <b>56</b> (1971), 1501	<i>Zeitschrift für Kristallographie</i> <b>202</b> (1992), 161
Ernienickelite	NiMn <sup>4+</sup> <sub>3</sub> O <sub>7</sub> ·3H <sub>2</sub> O	A	1993-002	Australia	<i>Canadian Mineralogist</i> <b>32</b> (1994), 333	
Erniggliite	Tl <sub>2</sub> SnAs <sub>2</sub> S <sub>6</sub>	A	1987-025	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>72</b> (1992), 293	
Ernstburkeite	Mg(CH <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> ·12H <sub>2</sub> O	A	2010-059	Antarctica	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 79	
Ernstite	(Mn <sup>2+</sup> , Fe <sup>3+</sup> )Al(PO <sub>4</sub> )(OH, O) <sub>2</sub>	A	1970-012	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1970), 289	
Ershovite	K <sub>3</sub> Na <sub>4</sub> (Fe, Mn, Ti) <sub>2</sub> Si <sub>8</sub> O <sub>20</sub> (OH, O) <sub>4</sub> ·4H <sub>2</sub> O	A	1991-014	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(1)</b> (1993), 116	<i>Kristallografiya</i> <b>36</b> (1991), 892
Ertxiite	Na <sub>2</sub> Si <sub>4</sub> O <sub>9</sub>	A	1983-042	China	<i>Geochemistry</i> <b>4</b> (1985), 192	
Erythrite	Co <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·8H <sub>2</sub> O	G	1832	France / Germany ?	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 596	<i>Zeitschrift für Kristallographie</i> <b>222</b> (2007), 676
Erythrosiderite	K <sub>2</sub> Fe <sup>3+</sup> Cl <sub>5</sub> ·H <sub>2</sub> O	G	1872	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>5</b> (1873), 210	<i>Periodico di Mineralogia</i> <b>17</b> (1948), 59
Erzwiesite	Ag <sub>8</sub> Pb <sub>12</sub> Bi <sub>16</sub> S <sub>40</sub>	A	2012-082	Austria	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Eskebornite	CuFeSe <sub>2</sub>	G	1949	Germany	<i>Fortschritte der Mineralogie</i> <b>28</b> (1949), 69	<i>Materials Research Bulletin</i> <b>27</b> (1992), 367
Eskimoite	Ag <sub>7</sub> Pb <sub>10</sub> Bi <sub>15</sub> S <sub>36</sub>	A	1976-005	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>131</b> (1977), 56	<i>Mitteilungen der Österreichischen Mineralogischen Gesellschaft</i> <b>139</b> (1994), 135
Eskolaite	Cr <sub>2</sub> O <sub>3</sub>	G	1958	Finland	<i>American Mineralogist</i> <b>43</b> (1958), 1098	<i>Materials Research Bulletin</i> <b>29</b> (1994), 239
Esperanzaite	NaCa <sub>2</sub> Al <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> F <sub>4</sub> (OH)·2H <sub>2</sub> O	A	1998-025	Mexico	<i>Canadian Mineralogist</i> <b>37</b> (1999), 67	
Esperite	PbCa <sub>2</sub> (ZnSiO <sub>4</sub> ) <sub>3</sub>	A	1964-027	USA	<i>American Mineralogist</i> <b>50</b> (1965), 1170	<i>American Mineralogist</i> <b>95</b> (2010), 699
Esquireite	BaSi <sub>6</sub> O <sub>13</sub> ·7H <sub>2</sub> O	A	2014-066	USA	<i>Canadian Mineralogist</i> <b>53</b> (2015), 3	
Esseneite	CaFe <sup>3+</sup> AlSiO <sub>6</sub>	A	1985-048	USA	<i>American Mineralogist</i> <b>72</b> (1987), 148	
Ettringite	Ca <sub>6</sub> Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> (OH) <sub>12</sub> ·26H <sub>2</sub> O	A	1962 s.p.	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1874), 273	<i>Cement and Concrete Research</i> <b>36</b> (2006), 364
Eucairite	CuAgSe	G	1818	Sweden	<i>Afhandlingar i Fysik, Kemi och Mineralogi</i> <b>6</b> (1818), 140	<i>Zeitschrift für Kristallographie</i> <b>108</b> (1957), 389
Euchlorine	KNaCu <sub>3</sub> O(SO <sub>4</sub> ) <sub>3</sub>	G	1884	Italy	<i>Rendiconti della Regia Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>23</b> (1884), 158	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>161</b> (1990), 241
Euchroite	Cu <sub>2</sub> (AsO <sub>4</sub> )(OH)·3H <sub>2</sub> O	G	1823	Slovakia	Vollständige Charakteristik des Mineral-Systems. Arnoldischen Buchhandlung, Dresden (1823), 266	<i>Mineralogy and Petrology</i> <b>110</b> (2016), 877
Euclase	BeAlSiO <sub>4</sub> (OH)	G	1792	Brazil	<i>Observations sur la Physique, sur l'Histoire Naturelle et sur les Arts</i> <b>41</b> (1792), 155	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>72</b> (1992), 159
Eucryptite	LiAlSiO <sub>4</sub>	G	1880	USA	<i>American Journal of Science</i> <b>120</b> (1880), 258	<i>Zeitschrift für Kristallographie</i> <b>172</b> (1985), 147
Eudialyte	Na <sub>15</sub> Ca <sub>6</sub> Fe <sub>3</sub> Zr <sub>3</sub> Si(Si <sub>25</sub> O <sub>73</sub> )(O, OH, H <sub>2</sub> O) <sub>3</sub> (Cl, OH) <sub>2</sub>	A	2003 s.p.	Denmark (Greenland)	<i>Göttingische Gelehrte Anzeigen</i> <b>3</b> (1819), 1993	<i>Crystallography Reports</i> <b>54</b> (2009), 413



Eudymite	$\text{Na}_2\text{Be}_2\text{Si}_6\text{O}_{15}\cdot\text{H}_2\text{O}$	G	1887	Norway	<i>Nyt Magazin for Naturvidenskabena Kristiana</i> <b>31</b> (1887), 196	<i>American Mineralogist</i> <b>93</b> (2008), 1158
Eugenite	$\text{Ag}_{11}\text{Hg}_2$	A	1981-037	Poland	<i>Mineralogia Polonica</i> <b>17(2)</b> (1986), 3	
Eugsterite	$\text{Na}_4\text{Ca}(\text{SO}_4)_3\cdot 2\text{H}_2\text{O}$	A	1980-008	Kenya / Turkey	<i>American Mineralogist</i> <b>66</b> (1981), 632	
Eulytine	$\text{Bi}_4(\text{SiO}_4)_3$	G	1827	Germany	<i>Annalen der Physik und Chemie</i> <b>9</b> (1827), 275	<i>Zeitschrift für Kristallographie</i> <b>212</b> (1997), 48
Eurekadumpite	$(\text{Cu,Zn})_{16}(\text{Te}^{4+}\text{O}_3)_2(\text{AsO}_4)_3\text{Cl}(\text{OH})_{18}\cdot 7\text{H}_2\text{O}$	A	2009-072	USA	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 26	
Euxenite-(Y)	$(\text{Y,Ca,Ce,U,Th})(\text{Nb,Ta,Ti})_2\text{O}_6$	A	1987 s.p.	Norway	<i>Annalen der Physik und Chemie</i> <b>50</b> (1840), 149	<i>Zeitschrift für Kristallographie</i> <b>152</b> (1980), 69
Evansite	$\text{Al}_3(\text{PO}_4)(\text{OH})_6\cdot 8\text{H}_2\text{O}$	G	1864	Slovakia	<i>Philosophical Magazine and Journal of Science</i> <b>28</b> (1864), 341	<i>Canadian Mineralogist</i> <b>33</b> (1995), 59
Evdokimovite	$\text{Ti}_4(\text{VO})_3(\text{SO}_4)_5(\text{H}_2\text{O})_5$	A	2013-041	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1711	
Eveite	$\text{Mn}^{2+}_2(\text{AsO}_4)(\text{OH})$	A	1966-047	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>4</b> (1968), 473	<i>American Mineralogist</i> <b>53</b> (1968), 1841
Evenkite	$\text{C}_{23}\text{H}_{48}$	G	1953	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>88</b> (1953), 717	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(3)</b> (2004), 80
Eveslogite	$(\text{Ca,K,Na,Sr,Ba})_{48}(\text{Ti,Nb,Fe,Mn})_{12}(\text{OH})_{12}\text{Si}_{48}\text{O}_{144}(\text{OH,F,Cl})_{14}$	A	2001-023	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(1)</b> (2003), 59	
Ewaldite	$\text{Ba}(\text{Na,Ca,Y,Ce,K})(\text{CO}_3)_2\cdot 2.6\text{H}_2\text{O}$	A	1969-013	USA	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>15</b> (1971), 185	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>15</b> (1971), 201
Ewingite	$\text{Mg}_8\text{Ca}_8(\text{UO}_2)_{24}(\text{CO}_3)_{30}\text{O}_4(\text{OH})_{12}(\text{H}_2\text{O})_{138}$	A	2016-012	Czech Republic	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Eylettersite	$\text{Th}_{0.75}\text{Al}_3(\text{PO}_4)_2(\text{OH})_6$	A	1969-035	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>95</b> (1972), 98	
Eyselite	$\text{Fe}^{3+}\text{Ge}^{4+}_3\text{O}_7(\text{OH})$	A	2003-052	Namibia	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1771	
Ezcurrite	$\text{Na}_2\text{B}_5\text{O}_7(\text{OH})_3\cdot 2\text{H}_2\text{O}$	G	1957	Argentina	<i>Economic Geology</i> <b>52</b> (1957), 426	<i>American Mineralogist</i> <b>58</b> (1973), 110
Eztlite	$\text{Pb}_2\text{Fe}^{3+}_6(\text{Te}^{4+}\text{O}_3)_3(\text{Te}^{6+}\text{O}_6)(\text{OH})_{10}\cdot 8\text{H}_2\text{O}$	A	1980-072	Mexico	<i>Mineralogical Magazine</i> <b>46</b> (1982), 257	
Fabianite	$\text{CaB}_3\text{O}_5(\text{OH})$	A	1967 s.p.	Germany	<i>Kali und Steinsalz</i> <b>3</b> (1962), 285	<i>Zeitschrift für Kristallographie</i> <b>132</b> (1970), 241
Fabrièsite	$\text{Na}_3\text{Al}_3\text{Si}_3\text{O}_{12}\cdot 2\text{H}_2\text{O}$	Rn	2012-080	Myanmar	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 257	
Faheyite	$\text{Be}_2\text{Mn}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_4\cdot 6\text{H}_2\text{O}$	G	1953	Brazil	<i>American Mineralogist</i> <b>38</b> (1953), 263	<i>Canadian Mineralogist</i> <b>53</b> (2015), 199
Fahleite	$\text{CaZn}_5\text{Fe}^{3+}_2(\text{AsO}_4)_6\cdot 14\text{H}_2\text{O}$	A	1982-061	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 167	
Fairbankite	$\text{Pb}(\text{Te}^{4+}\text{O}_3)$	A	1979-003	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 453	
Fairchildite	$\text{K}_2\text{Ca}(\text{CO}_3)_2$	G	1947	USA	<i>American Mineralogist</i> <b>32</b> (1947), 607	<i>Zeitschrift für Kristallographie</i> <b>157</b> (1981), 199
Fairfieldite	$\text{Ca}_2\text{Mn}^{2+}(\text{PO}_4)_2\cdot 2\text{H}_2\text{O}$	G	1879	USA	<i>American Journal of Science and Arts</i> <b>17</b> (1879), 359	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1181
Faizievite	$\text{Li}_6\text{K}_2\text{Na}(\text{Ca}_6\text{Na})\text{Ti}_4(\text{Si}_6\text{O}_{18})_2(\text{Si}_{12}\text{O}_{30})\text{F}_2$	A	2006-037	Tajikistan	<i>New Data on Minerals</i> <b>42</b> (2007), 5	<i>Canadian Mineralogist</i> <b>46</b> (2008), 163
Falcondoite	$\text{Ni}_4\text{Si}_6\text{O}_{15}(\text{OH})_2\cdot 6\text{H}_2\text{O}$	A	1976-018	Dominican Republic	<i>Canadian Mineralogist</i> <b>14</b> (1976), 407	

Falkmanite	$Pb_3Sb_2S_6$	G	1940	Germany	<i>Neues Jahrbuch für Mineralogie, Abt. A Beih.</i> <b>75</b> (1940), 315	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 411
Falottaite	$MnC_2O_4 \cdot 3H_2O$	A	2013-044	Switzerland	<i>Schweizer Strahler</i> <b>3</b> (2016), 20	
Falsterite	$Ca_2MgMn^{2+}_2Fe^{2+}_2Fe^{3+}_2Zn_4(PO_4)_8(OH)_4(H_2O)_{14}$	A	2011-061	USA	<i>American Mineralogist</i> <b>97</b> (2012), 496	
Famatinite	$Cu_3SbS_4$	G	1873	Argentina	<i>Mineralogische Mittheilungen</i> <b>4</b> (1873), 219	<i>Zeitschrift für Kristallographie</i> <b>219</b> (2004), 20
Fangite	$Tl_3AsS_4$	A	1991-047	USA	<i>American Mineralogist</i> <b>78</b> (1993), 1096	
Fantappièite	$[Na_{82.5}Ca_{33}K_{16.5}]_{\Sigma=132}(Si_{99}Al_{99}O_{396})(SO_4)_{33} \cdot 6H_2O$	A	2008-006	Italy	<i>American Mineralogist</i> <b>95</b> (2010), 472	
Farneseite	$Na_{46}Ca_{10}(Si_{42}Al_{42}O_{168})(SO_4)_{12} \cdot 6H_2O$	A	2004-043	Italy	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 839	
Farringtonite	$Mg_3(PO_4)_2$	A	1967 s.p.	Canada	<i>Geochimica et Cosmochimica Acta</i> <b>24</b> (1961), 198	<i>Acta Chemica Scandinavica</i> <b>22</b> (1968), 1466
Fassinaite	$Pb_2(CO_3)(S_2O_3)$	A	2011-048	Italy	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2721	
Faujasite-Ca	$(Ca,Na,Mg)_2(Si,Al)_{12}O_{24} \cdot 15H_2O$	A	1997 s.p.	Germany	<i>American Mineralogist</i> <b>67</b> (1982), 794	<i>Materials Research Bulletin</i> <b>7</b> (1972), 1311
Faujasite-Mg	$(Mg,Na,K,Ca)_2(Si,Al)_{12}O_{24} \cdot 15H_2O$	A	1997 s.p.	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1975), 433	
Faujasite-Na	$(Na,Ca,Mg)_2(Si,Al)_{12}O_{24} \cdot 15H_2O$	Rn	1997 s.p.	Germany	<i>Annales des Mines, Ser. 4</i> <b>1</b> (1842), 395	<i>American Mineralogist</i> <b>49</b> (1964), 697
Faustite	$ZnAl_6(PO_4)_4(OH)_8 \cdot 4H_2O$	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 964	<i>Mineralogical Magazine</i> <b>64</b> (2000), 905
Favreauite	$PbBiCu_6O_4(SeO_3)_4(OH) \cdot H_2O$	A	2014-013	Bolivia	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 771	
Fayalite	$Fe^{2+}_2(SiO_4)$	G	1840	Portugal	<i>Annalen der Physik und Chemie</i> <b>51</b> (1840), 160	<i>American Mineralogist</i> <b>62</b> (1977), 286
Fedorite	$(K,Na)_{2.5}(Ca,Na)_7Si_{16}O_{38}(OH,F)_2 \cdot 3.5H_2O$	A	1967 s.p.	Russia	Caledonian Complex of Ultrabasic Alkaline Rocks and Carbonatites of the Kola Peninsula and Northern Karelia. Nedra Press, Leningrad (1965)	<i>Canadian Mineralogist</i> <b>39</b> (2001), 769
Fedorovskite	$Ca_2Mg_2B_4O_7(OH)_6$	A	1975-006	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 71	
Fedotovite	$K_2Cu_3O(SO_4)_3$	A	1986-013	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>299</b> (1988), 961	<i>Mineralogical Magazine</i> <b>55</b> (1991), 613
Feinglosite	$Pb_2Zn(AsO_4)_2 \cdot H_2O$	A	1995-013	Namibia	<i>Mineralogical Magazine</i> <b>61</b> (1997), 285	
Feitknechtite	$Mn^{3+}O(OH)$	A	1968 s.p.	USA	<i>American Mineralogist</i> <b>50</b> (1965), 1296	
Feklichevite	$Na_{11}Ca_9(Fe^{3+}, Fe^{2+})_2Zr_3Nb(Si_{25}O_{73})(OH, H_2O, Cl, O)_5$	A	2000-017	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 55	
Felbertalite	$Cu_2Pb_6Bi_8S_{19}$	A	1999-042	Austria	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 961	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 825
Felsöbányaite	$Al_4(SO_4)(OH)_{10} \cdot 4H_2O$	G	1854	Romania	<i>Sitzungsberichte der Mathematisch-Naturwissenschaftlichen Classe der Kaiserlichen Akademie der Wissenschaften</i> <b>12</b> (1854), 183	<i>Acta Mineralogica-Petrographica</i> <b>38</b> (1997), 5
Fenaksite	$KNaFe^{2+}Si_4O_{10}$	A	1962 s.p.	Russia	<i>Trudy Mineralogicheskogo Muzeya Akademii Nauk SSSR</i> <b>9</b> (1959), 152	<i>Doklady Akademii Nauk</i> <b>398</b> (2004), 1029
Fencooperite	$Ba_6Fe^{3+}_3Si_8O_{23}(CO_3)_2Cl_3 \cdot H_2O$	A	2000-023	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1059	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1065
Fengchengite	$Na_{12}\square_3Ca_6Fe^{3+}_3Zr_3Si(Si_{25}O_{73})(H_2O)_3(OH)_2$	A	2007-018a	China	<i>Acta Mineralogica Sinica</i> <b>37</b> (2017), 140	

Feodosiyite	$\text{Cu}_{11}\text{Mg}_2\text{Cl}_{18}(\text{OH})_8 \cdot 16\text{H}_2\text{O}$	A	2015-063	Russia	CNMNC Newsletter 28 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1859	
Ferberite	$\text{Fe}^{2+}(\text{WO}_4)$	G	1863	Spain	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1863), 641	<i>American Mineralogist</i> <b>56</b> (1971), 489
Ferchromide	$\text{Cr}_{1.5}\text{Fe}_{0.2}$	A	1984-022	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>115</b> (1986), 355	
Ferdowsiite	$\text{Ag}_8(\text{Sb}_5\text{As}_3)\text{S}_{16}$	A	2012-062	Iran	<i>Canadian Mineralogist</i> <b>51</b> (2013), 727	
Fergusonite-(Ce)	$\text{CeNbO}_4 \cdot 0.3\text{H}_2\text{O}$	Q	?	Ukraine	<i>Novye Dannye o Mineralakh</i> <b>33</b> (1986), 43	<i>American Mineralogist</i> <b>74</b> (1989), 946
Fergusonite-(Ce)- $\beta$	$\text{CeNbO}_4$	A	1975 s.p.	China	<i>Geochimica</i> <b>2</b> (1973), 86	
Fergusonite-(Nd)- $\beta$	$\text{NdNbO}_4$	A	1987 s.p.	China	<i>Scientia Geologica Sinica</i> <b>1</b> (1983), 78	
Fergusonite-(Y)	$\text{YNbO}_4$	A	1987 s.p.	Denmark (Greenland)	<i>Edinburgh Journal of Science</i> <b>2</b> (1825), 375	<i>Soviet Physics - Crystallography</i> <b>4</b> (1959), 796
Fergusonite-(Y)- $\beta$	$\text{YNbO}_4$	A	1987 s.p.	Tajikistan	<i>Geologiya Rudnykh Mestorozhdenii</i> <b>9</b> (1961), 28	<i>American Mineralogist</i> <b>95</b> (2010), 487
Ferhodsitite	$(\text{Fe}, \text{Rh}, \text{Ni}, \text{Ir}, \text{Cu}, \text{CoPt})_{9-x}\text{S}_8$	A	2009-056	Russia	<i>New Data on Minerals</i> <b>51</b> (2016), 8	
Fermitite	$\text{Na}_4(\text{UO}_2)(\text{SO}_4)_3 \cdot 3\text{H}_2\text{O}$	A	2014-068	USA	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1123	
Fernandinite	$(\text{Ca}, \text{Na}, \text{K})_{0.9}(\text{V}^{5+}, \text{V}^{4+}, \text{Fe}^{2+}, \text{Ti})_8\text{O}_{20} \cdot 4\text{H}_2\text{O}$	Rd	1994 s.p.	Peru	<i>Journal of the Washington Academy of Sciences</i> <b>5</b> (1915), 7	<i>Canadian Mineralogist</i> <b>32</b> (1994), 339
Feroxyhyte	$\text{Fe}^{3+}\text{O}(\text{OH})$	A	1975-032	Ukraine	<i>Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya</i> <b>5</b> (1976), 5	<i>Clay Minerals</i> <b>28</b> (1993), 209
Ferraioloite	$\text{MgMn}^{2+}_4(\text{Fe}^{2+}_{0.5}\text{Al}_{0.5})_4\text{Zn}_4(\text{PO}_4)_8(\text{OH})_4(\text{H}_2\text{O})_{20}$	A	2015-066	USA	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 655	
Ferrarisite	$\text{Ca}_5(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2 \cdot 9\text{H}_2\text{O}$	A	1979-020	France	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 533	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 541
Ferriakasaite-(La)	$\text{CaLaFe}^{3+}\text{AlMn}^{2+}(\text{Si}_2\text{O}_7)(\text{SiO}_4)\text{O}(\text{OH})$	A	2013-126	Japan	<i>Mineralogical Magazine</i> <b>79</b> (2015), 735	
Ferriallanite-(Ce)	$\text{CaCe}(\text{Fe}^{3+}\text{AlFe}^{2+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	A	2000-041	Mongolia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1641	
Ferriallanite-(La)	$\text{Ca}(\text{La}, \text{Ce}, \text{Th})(\text{Fe}^{3+}, \text{Al})(\text{Al}, \text{Fe}^{3+})(\text{Fe}^{2+}, \text{Mn}, \text{Ti}, \text{Mg})(\text{SiO}_4)(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$	A	2010-066	Germany	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 741	
Ferriandrosite-(La)	$\text{MnLaFe}^{3+}\text{AlMn}^{2+}(\text{Si}_2\text{O}_7)(\text{SiO}_4)\text{O}(\text{OH})$	A	2013-127	Japan	<i>Mineralogical Magazine</i> <b>79</b> (2015), 735	
Ferribushmakinite	$\text{Pb}_2\text{Fe}^{3+}(\text{PO}_4)(\text{VO}_4)(\text{OH})$	A	2014-055	USA	<i>Mineralogical Magazine</i> <b>79</b> (2015), 661	
Ferricopiapite	$\text{Fe}^{3+}_{0.67}\text{Fe}^{3+}_4(\text{SO}_4)_6(\text{OH})_2 \cdot 20\text{H}_2\text{O}$	G	1939	Chile	<i>American Mineralogist</i> <b>24</b> (1939), 182	<i>American Mineralogist</i> <b>58</b> (1973), 314
Ferricoronadite	$\text{Pb}(\text{Mn}^{4+}_6\text{Fe}^{3+}_2)\text{O}_{16}$	A	2015-093	Macedonia	CNMNC Newsletter 29 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 199	
Ferrierite-K	$(\text{K}, \text{Na})_5(\text{Si}_{31}\text{Al}_5)\text{O}_{72} \cdot 18\text{H}_2\text{O}$	A	1997 s.p.	USA	<i>American Mineralogist</i> <b>61</b> (1976), 60	
Ferrierite-Mg	$[\text{Mg}_2(\text{K}, \text{Na})_2\text{Ca}_{0.5}](\text{Si}_{29}\text{Al}_7)\text{O}_{72} \cdot 18\text{H}_2\text{O}$	Rn	1997 s.p.	Canada	<i>Transactions of the Royal Society of Canada Ser. 3</i> <b>12</b> (1918), 185	<i>Zeitschrift für Kristallographie</i> <b>178</b> (1987), 249
Ferrierite-Na	$(\text{Na}, \text{K})_5(\text{Si}_{31}\text{Al}_5)\text{O}_{72} \cdot 18\text{H}_2\text{O}$	A	1997 s.p.	USA	<i>American Mineralogist</i> <b>61</b> (1976), 60	
Ferri-fluoro-katophorite	$\text{Na}(\text{NaCa})(\text{Mg}_4\text{Fe}^{3+})(\text{Si}_7\text{Al})\text{O}_{22}\text{F}_2$	A	2015-096	Canada	CNMNC Newsletter 29 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 199	
Ferri-fluoro-leakeite	$\text{NaNa}_2(\text{Mg}_2\text{Fe}^{3+}_2\text{Li})\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Kazakhstan	<i>Mineralogical Magazine</i> <b>74</b> (2010), 521	<i>Mineralogical Magazine</i> <b>78</b> (2014), 861
Ferri-ghoseite	$\square(\text{NaMn}^{2+})(\text{Mg}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	India	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 1153	

Ferrihollandite	$\text{Ba}(\text{Mn}^{4+}_6\text{Fe}^{3+}_2)\text{O}_{16}$	A	2012 s.p.	India	<i>Transactions of the Mining and Geological Institute of India</i> <b>1</b> (1906), 69	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 171
Ferrihydrite	$\text{Fe}^{3+}_{10}\text{O}_{14}(\text{OH})_2$	A	1971-015	Kazakhstan	<i>Izvestiya Akademii Nauk SSSR</i> <b>4</b> (1973), 33	<i>American Mineralogist</i> <b>98</b> (2013), 848
Ferri-kaersutite	$\text{NaCa}_2(\text{Mg}_3\text{Fe}^{3+}\text{Ti})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{O}_2$	A	2014-051	Antarctica	<i>American Mineralogist</i> <b>101</b> (2016), 461	
Ferri-katophorite	$\text{Na}(\text{NaCa})(\text{Mg}_4\text{Fe}^{3+})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Russia	<i>Crystallography Reports</i> <b>48</b> (2003), 16	
Ferri-leakeite	$\text{NaNa}_2(\text{Mg}_2\text{Fe}^{3+}\text{Li})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	India	<i>American Mineralogist</i> <b>77</b> (1992), 1112	
Ferrilotharmeyerite	$\text{CaZnFe}^{3+}(\text{AsO}_4)_2(\text{OH})\cdot\text{H}_2\text{O}$	A	1986-024	Namibia	<i>Canadian Mineralogist</i> <b>30</b> (1992), 225	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 179
Ferrimolybdite	$\text{Fe}^{3+}_2(\text{Mo}^{6+}\text{O}_4)_3\cdot 7\text{H}_2\text{O}$	G	1913	Russia	K mineralogii Alekseevskogo rudnika Minusinskogo uezda. Moscow (1913), 26 p.	<i>American Mineralogist</i> <b>48</b> (1963), 14
Ferrinatrinite	$\text{Na}_3\text{Fe}^{3+}(\text{SO}_4)_3\cdot 3\text{H}_2\text{O}$	G	1889	Chile	<i>American Journal of Science</i> <b>38</b> (1889), 244	<i>Mineralogical Magazine</i> <b>41</b> (1977), 375
Ferri-obertiite	$\text{NaNa}_2(\text{Mg}_3\text{Fe}^{3+}\text{Ti})\text{Si}_8\text{O}_{22}\text{O}_2$	A	2015-079	Germany	<i>Mineralogical Magazine</i> <b>81</b> (2017), 641	
Ferri-pedrizite	$\text{NaLi}_2(\text{Mg}_2\text{Fe}^{3+}_2\text{Li})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Spain	<i>American Mineralogist</i> <b>87</b> (2002), 976	
Ferriperbøeite-(Ce)	$(\text{CaCe}_3)(\text{Fe}^{3+}\text{Al}_2\text{Fe}^{2+})(\text{Si}_2\text{O}_7)(\text{SiO}_4)_3\text{O}(\text{OH})_2$	A	2017-037	Sweden	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Ferripyrophyllite	$\text{Fe}^{3+}\text{Si}_2\text{O}_5(\text{OH})$	A	1978-062	Germany	<i>Chemie der Erde</i> <b>38</b> (1979), 324	<i>Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya</i> <b>2</b> (1980), 5
Ferrisepiolite	$(\text{Fe}^{3+}, \text{Fe}^{2+}, \text{Mg})_4[(\text{Si}, \text{Fe}^{3+})_6\text{O}_{15}](\text{O}, \text{OH})_2\cdot 6\text{H}_2\text{O}$	A	2010-061	China	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 177	
Ferrisicklerite	$\text{Li}_{1-x}(\text{Fe}^{3+}, \text{Mn}^{2+})(\text{PO}_4)$	G	1937	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>59</b> (1937), 77	<i>Acta Crystallographica</i> <b>B32</b> (1976), 2761
Ferristrunzite	$\text{Fe}^{3+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_3\cdot 5\text{H}_2\text{O}$	A	1986-023	Belgium	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 453	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 176
Ferrisurite	$\text{Pb}_{2.4}\text{Fe}^{3+}_2\text{Si}_4\text{O}_{10}(\text{CO}_3)_{1.7}(\text{OH})_3\cdot n\text{H}_2\text{O}$	A	1990-056	USA	<i>American Mineralogist</i> <b>77</b> (1992), 1107	
Ferrisymplesite	$\text{Fe}^{3+}_3(\text{AsO}_4)_2(\text{OH})_3\cdot 5\text{H}_2\text{O}$	Q	1924	Canada	<i>University of Toronto Studies, Geological Series</i> <b>17</b> (1924), 16	
Ferrivauxite	$\text{Fe}^{3+}\text{Al}_2(\text{PO}_4)_2(\text{OH})_3\cdot 5\text{H}_2\text{O}$	A	2014-003	Bolivia	<i>Mineralogical Magazine</i> <b>80</b> (2016), 311	
Ferri-winchite	$\square(\text{NaCa})(\text{Mg}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(3)</b> (2005), 74	<i>Canadian Mineralogist</i> <b>39</b> (2001), 171
Ferro-actinolite	$\square\text{Ca}_2(\text{Mg}_{2.5-0.6}\text{Fe}^{2+}_{2.5-5.0})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	unknown	<i>Sveriges Geologiska Undersökning</i> <b>40</b> (1946), 1	<i>American Mineralogist</i> <b>85</b> (2000), 1239
Ferroalluaudite	$\text{NaFe}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_3$	Rn	2007 s.p.	France / USA ?	<i>American Mineralogist</i> <b>42</b> (1957), 661	<i>Mineralogical Magazine</i> <b>43</b> (1979), 227
Ferroaluminoceladonite	$\text{KFe}^{2+}\text{AlSi}_4\text{O}_{10}(\text{OH})_2$	Rn	1995-019	New Zealand	<i>American Mineralogist</i> <b>82</b> (1997), 503	
Ferro-anthophyllite	$\square\text{Fe}^{2+}_2\text{Fe}^{2+}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	USA	<i>Proceedings of the United States National Museum</i> <b>59</b> (1921), 397	
Ferrobobfergusonite	$\text{Na}_2\text{Fe}^{2+}_5\text{Fe}^{3+}\text{Al}(\text{PO}_4)_6$	A	2017-006	USA	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Ferrobustamite	$\text{CaFe}^{2+}\text{Si}_2\text{O}_6$	G	1937	United Kingdom	<i>Mineralogical Magazine</i> <b>24</b> (1937), 569	<i>Zeitschrift für Kristallographie</i> <b>138</b> (1973), 419

Ferrocapholite	$\text{Fe}^{2+}\text{Al}_2\text{Si}_2\text{O}_6(\text{OH})_4$	G	1951	Indonesia	<i>American Mineralogist</i> <b>36</b> (1951), 736	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 337
Ferroccladonite	$\text{KFe}^{2+}\text{Fe}^{3+}\text{Si}_4\text{O}_{10}(\text{OH})_2$	A	1995-018	New Zealand	<i>American Mineralogist</i> <b>82</b> (1997), 503	
Ferrochiavennite	$\text{Ca}_{1-2}\text{Fe}[(\text{Si},\text{Al},\text{Be})_5\text{Be}_2\text{O}_{13}(\text{OH})_2]\cdot 2\text{H}_2\text{O}$	A	2012-039	Norway	<i>Canadian Mineralogist</i> <b>51</b> (2013), 285	<i>Canadian Mineralogist</i> <b>54</b> (2016), 21
Ferro-edenite	$\text{NaCa}_2\text{Fe}^{2+}_5(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Canada	<i>Sveriges Geologiska Undersökning</i> <b>40</b> (1946), 1	<i>Canadian Mineralogist</i> <b>23</b> (1985), 447
Ferroericssonite	$\text{BaFe}^{2+}_2\text{Fe}^{3+}(\text{Si}_2\text{O}_7)\text{O}(\text{OH})$	A	2010-025	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 587	<i>Canadian Mineralogist</i> <b>52</b> (2014), 569
Ferro-ferri-fluoro-leakeite	$\text{NaNa}_2(\text{Fe}^{2+}_2\text{Fe}^{3+}_2\text{Li})\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	USA	<i>American Mineralogist</i> <b>81</b> (1996), 226	
Ferro-ferri-hornblende	$\square\text{Ca}_2(\text{Fe}^{2+}_4\text{Fe}^{3+})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	A	2015-054	Italy	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1233	
Ferro-ferri-katophorite	$\text{Na}(\text{NaCa})(\text{Fe}^{2+}_4\text{Fe}^{3+})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	A	2016-008	Argentina	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Ferro-ferri-nybøite	$\text{NaNa}_2(\text{Fe}^{2+}_3\text{Fe}^{3+}_2)(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	A	2013-072	Canada	<i>Canadian Mineralogist</i> <b>52</b> (2014), 1019	<i>Canadian Mineralogist</i> <b>55</b> (2017), 515
Ferro-ferri-obertiite	$\text{NaNa}_2(\text{Fe}^{2+}_3\text{Fe}^{3+}\text{Ti})\text{Si}_8\text{O}_{22}\text{O}_2$	Rd	2012 s.p.	USA	<i>Canadian Mineralogist</i> <b>48</b> (2010), 301	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1253
Ferro-ferri-pedrizite	$\text{NaLi}_2(\text{Fe}^{2+}_2\text{Fe}^{3+}_2\text{Li})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Spain	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1345	
Ferro-fluoro-pedrizite	$\text{NaLi}_2(\text{Fe}^{2+}_2\text{Al}_2\text{Li})\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Russia	<i>Mineralogical Magazine</i> <b>73</b> (2009), 487	
Ferro-gedrite	$\square\text{Fe}^{2+}_2(\text{Fe}^{2+}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	France	<i>Geological Magazine</i> <b>76</b> (1939), 326	<i>Bulletin of the National Science Museum, Ser. C</i> <b>6</b> (1979), 107
Ferro-glaucophane	$\square\text{Na}_2(\text{Fe}^{2+}_3\text{Al}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Italy	<i>Journal of The Faculty of Sciences, University of Tokyo, Section II</i> <b>11</b> (1957), 57	<i>Canadian Mineralogist</i> <b>17</b> (1979), 1
Ferrohexahydrate	$\text{Fe}^{2+}(\text{SO}_4)\cdot 6\text{H}_2\text{O}$	A	1967 s.p.	Ukraine	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 490	
Ferrohögbomite-2N2S	$(\text{Fe},\text{Mg},\text{Zn},\text{Al})_3(\text{Al},\text{Ti},\text{Fe})_8\text{O}_{15}(\text{OH})$	A	2001-048	Algeria	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 957	<i>American Mineralogist</i> <b>67</b> (1982), 373
Ferro-holmquistite	$\square\text{Li}_2(\text{Fe}^{2+}_3\text{Al}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Australia	<i>American Mineralogist</i> <b>90</b> (2005), 1167	
Ferro-hornblende	$\square\text{Ca}_2(\text{Fe}^{2+}_4\text{Al})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	unknown	original paper?	
Ferroindialite	$(\text{Fe}^{2+},\text{Mg})_2\text{Al}_4\text{Si}_5\text{O}_{18}$	A	2013-016	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>143(1)</b> (2014), 46	
Ferro-katophorite	$\text{Na}(\text{NaCa})(\text{Fe}^{2+}_4\text{Al})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Norway	<i>Videnskabselskabets Skrifter. I. Matematisk-Naturvidenskabelig Klasse</i> <b>4</b> (1894), 27	
Ferrokentbrooksite	$\text{Na}_{15}\text{Ca}_6\text{Fe}^{2+}_3\text{Zr}_3\text{Nb}(\text{Si}_{25}\text{O}_{73})(\text{O},\text{OH},\text{H}_2\text{O})_3(\text{F},\text{Cl})_2$	A	1999-046	Canada	<i>Canadian Mineralogist</i> <b>41</b> (2003), 55	
Ferrokästerite	$\text{Cu}_2(\text{Fe},\text{Zn})\text{SnS}_4$	Rn	1985-012	United Kingdom	<i>Canadian Mineralogist</i> <b>27</b> (1989), 673	
Ferrokinoshitalite	$\text{BaFe}^{2+}_3(\text{Si}_2\text{Al}_2)\text{O}_{10}(\text{OH})_2$	A	1999-026	South Africa	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1445	
Ferrolaueite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2\cdot 8\text{H}_2\text{O}$	A	1987-046a	USA	<i>Australian Journal of Mineralogy</i> <b>16</b> (2012), 69	
Ferromerrillite	$\text{Ca}_9\text{NaFe}^{2+}(\text{PO}_4)_7$	A	2006-039	India (meteorite)	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 125	

Ferronickelplatinum	Pt <sub>2</sub> FeNi	A	1982-071	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 487	
Ferronigerite-2N1S	(Al,Fe,Zn) <sub>2</sub> (Al,Sn) <sub>6</sub> O <sub>11</sub> (OH)	Rn	2001 s.p.	Nigeria	<i>Mineralogical Magazine</i> <b>28</b> (1947), 118	<i>Crystallography Reports</i> <b>40</b> (1995), 587
Ferronigerite-6N6S	(Al,Fe,Zn) <sub>3</sub> (Al,Sn,Fe) <sub>8</sub> O <sub>15</sub> (OH)	Rn	2001 s.p.	Finland	<i>Bulletin of the Geological Society of Finland</i> <b>49</b> (1977), 151	<i>American Mineralogist</i> <b>64</b> (1979), 1255
Ferronordite-(Ce)	Na <sub>3</sub> SrCeFe <sup>2+</sup> Si <sub>6</sub> O <sub>17</sub>	A	1997-008	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(1)</b> (1998), 32	<i>Crystallography Reports</i> <b>44</b> (1999), 565
Ferronordite-(La)	Na <sub>3</sub> SrLaFe <sup>2+</sup> Si <sub>6</sub> O <sub>17</sub>	A	2000-015	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(2)</b> (2001), 53	
Ferro-pargasite	NaCa <sub>2</sub> (Fe <sup>2+</sup> <sub>4</sub> Al)(Si <sub>6</sub> Al <sub>2</sub> )O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	United Kingdom	<i>American Mineralogist</i> <b>46</b> (1961), 340	<i>American Mineralogist</i> <b>78</b> (1993), 746
Ferro-pedrizite	NaLi <sub>2</sub> (Fe <sup>2+</sup> <sub>2</sub> Al <sub>2</sub> Li)Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	A	2014-037	Russia	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 417	
Ferro-rhodonite	CaMn <sub>3</sub> Fe(Si <sub>5</sub> O <sub>15</sub> )	A	2016-016	Australia	<i>Physics and Chemistry of Minerals</i> <b>44</b> (2017), 323	
Ferro-rhodsite	FeRh <sub>2</sub> S <sub>4</sub>	A	1996-047	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(5)</b> (1999), 37	
Ferro-richterite	Na(NaCa)Fe <sup>2+</sup> <sub>5</sub> Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	unknown	<i>Årsbok Sveriges Geologiska Undersökning</i> <b>40</b> (1946), 16	
Ferro-rosemaryite	□NaFe <sup>2+</sup> Fe <sup>3+</sup> Al(PO <sub>4</sub> ) <sub>3</sub>	A	2003-063	Rwanda	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 749	
Ferrosaponite	Ca <sub>0.3</sub> (Fe <sup>2+</sup> ,Mg,Fe <sup>3+</sup> ) <sub>3</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	A	2002-028	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(2)</b> (2003), 68	
Ferroselite	FeSe <sub>2</sub>	G	1955	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>105</b> (1955), 812	<i>U.S.G.S. Professional Paper</i> <b>550-C</b> (1966), C133
Ferrosilite	Fe <sup>2+</sup> <sub>2</sub> Si <sub>2</sub> O <sub>6</sub>	Rn	1988 s.p.	unknown	<i>American Journal of Science</i> <b>30</b> (1935), 481	<i>American Mineralogist</i> <b>61</b> (1976), 38
Ferroskutterudite	FeAs <sub>3</sub>	A	2006-032	Russia	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>417</b> (2007), 1278	
Ferrostalderite	CuFe <sub>2</sub> TlAs <sub>2</sub> S <sub>6</sub>	A	2014-090	Switzerland	<i>Mineralogical Magazine</i> <b>80</b> (2016), 175	
Ferrostrunzite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·6H <sub>2</sub> O	A	1983-003	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 524	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 207
Ferrotaafeite-2N'2S	(Fe <sup>2+</sup> ,Mg,Zn) <sub>3</sub> Al <sub>8</sub> BeO <sub>16</sub>	A	2011-025	China	<i>Canadian Mineralogist</i> <b>50</b> (2012), 21	
Ferrotaafeite-6N'3S	BeFe <sup>2+</sup> <sub>2</sub> Al <sub>6</sub> O <sub>12</sub>	Rn	2001 s.p.	Finland	<i>Canadian Mineralogist</i> <b>19</b> (1981), 311	
Ferro-taramite	Na(NaCa)(Fe <sup>2+</sup> <sub>3</sub> Al <sub>2</sub> )(Si <sub>6</sub> Al <sub>2</sub> )O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	Norway	<i>American Mineralogist</i> <b>92</b> (2007), 1428	
Ferrotellurite	Fe(Te <sup>6+</sup> O <sub>4</sub> ) (?)	Q	1877	USA	<i>Proceedings of the American Philosophical Society</i> <b>17</b> (1877), 119	<i>American Journal of Science</i> <b>14</b> (1877), 423
Ferrotitanowodginite	Fe <sup>2+</sup> TiTa <sub>2</sub> O <sub>8</sub>	A	1998-028	Argentina	<i>American Mineralogist</i> <b>84</b> (1999), 773	
Ferrotchilinite	[FeS]·≈0.85[Fe <sup>2+</sup> (OH) <sub>2</sub> ]	A	2010-080	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(4)</b> (2012), 1	



Ferro-tschermakite	$\square\text{Ca}_2(\text{Fe}^{2+}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	A	2016-116	France	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Ferrottychite	$\text{Na}_6\text{Fe}^{2+}_2(\text{CO}_3)_4(\text{SO}_4)$	A	1980-050	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 600	
Ferrovalleriite	$2[(\text{Fe,Cu})\text{S}] \cdot 1.53[(\text{Fe,Al,Mg})(\text{OH})_2]$	A	2011-068	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(6)</b> (2012), 29	
Ferrovorontsovite	$(\text{Fe}_5\text{Cu})_{26}\text{TlAs}_4\text{S}_{12}$	A	2017-007	Russia	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Ferrowodginite	$\text{Fe}^{2+}\text{Sn}^{4+}\text{Ta}_2\text{O}_8$	A	1984-006	Finland	<i>Canadian Mineralogist</i> <b>30</b> (1992), 633	
Ferrowyllieite	$(\text{Na,Ca,Mn}^{2+})_2\text{Fe}^{2+}_2\text{Al}(\text{PO}_4)_3$	A	1979 s.p.	USA	<i>Mineralogical Record</i> <b>4</b> (1973), 131	<i>Mineralogical Magazine</i> <b>43</b> (1979), 227
Ferruccite	$\text{NaBF}_4$	G	1933	Italy	<i>Periodico di Mineralogia</i> <b>4</b> (1933), 410	<i>Acta Crystallographica</i> <b>B24</b> (1968), 1703
Fersmanite	$\text{Ca}_4(\text{Na,Ca})_4(\text{Ti,Nb})_4(\text{Si}_2\text{O}_7)_2\text{O}_8\text{F}_3$	G	1929	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>12</b> (1929), 297	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1421
Fersmite	$(\text{Ca,Ce,Na})(\text{Nb,Ta,Ti})_2(\text{O,OH,F})_6$	G	1946	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>52</b> (1946), 69	<i>Crystallography Reports</i> <b>46</b> (2001), 194
Feruvite	$\text{CaFe}^{2+}_3(\text{Al}_5\text{Mg})(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	A	1987-057	New Zealand	<i>Canadian Mineralogist</i> <b>27</b> (1989), 199	<i>Canadian Mineralogist</i> <b>52</b> (2014), 285
Fervanite	$\text{Fe}^{3+}_4\text{V}^{5+}_4\text{O}_{16} \cdot 5\text{H}_2\text{O}$	G	1933	USA	<i>American Mineralogist</i> <b>16</b> (1931), 273	<i>American Mineralogist</i> <b>75</b> (1990), 508
Fetiasite	$(\text{Fe}^{2+}, \text{Fe}^{3+}, \text{Ti}^{4+})_3\text{O}_2\text{As}^{3+}_2\text{O}_5$	A	1991-019	Italy / Switzerland	<i>American Mineralogist</i> <b>79</b> (1994), 996	
Fettelite	$[\text{Ag}_6\text{As}_2\text{S}_7][\text{Ag}_{10}\text{HgAs}_2\text{S}_8]$	A	1994-056	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1996), 313	<i>American Mineralogist</i> <b>96</b> (2011), 792
Feynmanite	$\text{Na}(\text{UO}_2)(\text{SO}_4)(\text{OH}) \cdot 3.5\text{H}_2\text{O}$	A	2017-035	USA	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Fianelite	$\text{Mn}^{2+}_2\text{V}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$	A	1995-016	Switzerland	<i>American Mineralogist</i> <b>81</b> (1996), 1270	
Fibroferrite	$\text{Fe}^{3+}(\text{SO}_4)(\text{OH}) \cdot 5\text{H}_2\text{O}$	G	1833	Chile	<i>Annalen der Physik und Chemie</i> <b>27</b> (1833), 309	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 943
Fichtelite	$\text{C}_{19}\text{H}_{34}$	G	1841	Germany	<i>Justus Liebigs Annalen der Chemie</i> <b>37</b> (1841), 304	<i>Canadian Mineralogist</i> <b>33</b> (1995), 7
Fiedlerite	$\text{Pb}_3\text{Cl}_4\text{F}(\text{OH}) \cdot \text{H}_2\text{O}$	Rd	1994 s.p.	Greece	<i>Sitzungsberichte der Niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn</i> <b>102</b> (1887), 149	<i>Mineralogical Magazine</i> <b>58</b> (1994), 69
Filatovite	$\text{K}(\text{Al,Zn})_2(\text{As,Si})_2\text{O}_8$	A	2002-052	Russia	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 533	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 537
Filipstadite	$(\text{Mn}^{2+}, \text{Mg})_2(\text{Sb}^{5+}, \text{Fe}^{3+})\text{O}_4$	A	1987-010	Sweden	<i>American Mineralogist</i> <b>73</b> (1988), 413	<i>American Mineralogist</i> <b>98</b> (2013), 361
Fillowite	$\text{Na}_2\text{CaMn}^{2+}_7(\text{PO}_4)_6$	G	1879	USA	<i>American Journal of Science and Arts</i> <b>17</b> (1879), 359	<i>American Mineralogist</i> <b>66</b> (1981), 827
Finchite	$\text{Sr}(\text{UO}_2)_2(\text{V}_2\text{O}_8) \cdot 5\text{H}_2\text{O}$	A	2017-052	USA	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Fingerite	$\text{Cu}_{11}\text{O}_2(\text{VO}_4)_6$	A	1983-064	El Salvador	<i>American Mineralogist</i> <b>70</b> (1985), 193	<i>American Mineralogist</i> <b>70</b> (1985), 197
Finnemanite	$\text{Pb}_5(\text{As}^{3+}\text{O}_3)_3\text{Cl}$	G	1923	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>45</b> (1923), 160	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>26</b> (1979), 95

Fischesserite	$\text{Ag}_3\text{AuSe}_2$	A	1971-010	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 381	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1733
Fivegite	$\text{K}_4\text{Ca}_2[\text{AlSi}_7\text{O}_{17}(\text{O}_{2-x}\text{OH}_x)][(\text{H}_2\text{O})_{2-x}(\text{OH})_x]\text{Cl}$ ( $x = 0-2$ )	A	2009-067	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 47	
Fizélyite	$\text{Ag}_5\text{Pb}_{14}\text{Sb}_{21}\text{S}_{48}$	G	1923	Romania	<i>Mathematikai és Természet-tudományi Értesítő</i> <b>40</b> (1923), 18	<i>Canadian Mineralogist</i> <b>47</b> (2009), 1257
Flagstaffite	$\text{C}_{10}\text{H}_{22}\text{O}_3$	G	1920	USA	<i>American Mineralogist</i> <b>5</b> (1920), 169	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1965), 19
Flamite	$\text{Ca}_{8-x}(\text{Na},\text{K})_x(\text{SiO}_4)_{4-x}(\text{PO}_4)_x$	A	2013-122	Israel	<i>Mineralogical Magazine</i> <b>79</b> (2015), 583	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 755
Fleischerite	$\text{Pb}_3\text{Ge}(\text{SO}_4)_2(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	A	1962 s.p.	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1960), 132	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>123</b> (1975), 160
Fleisstalite	$\text{Fe}^{2+}(\text{SO}_3) \cdot 3\text{H}_2\text{O}$	A	2016-038	Austria	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Fletcherite	$\text{CuNi}_2\text{S}_4$	A	1976-044	USA	<i>Economic Geology</i> <b>72</b> (1977), 480	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 35
Flinkite	$\text{Mn}^{2+}_2\text{Mn}^{3+}(\text{AsO}_4)(\text{OH})_4$	G	1889	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>11</b> (1889), 212	<i>Acta Crystallographica</i> <b>E57</b> (2001), i115
Flinteite	$\text{K}_2\text{ZnCl}_4$	A	2014-009	Russia	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 581	
Florencite-(Ce)	$\text{CeAl}_3(\text{PO}_4)_2(\text{OH})_6$	A	1987 s.p.	Brazil	<i>Nature</i> <b>61</b> (1899), 119	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 227
Florencite-(La)	$\text{LaAl}_3(\text{PO}_4)_2(\text{OH})_6$	A	1987 s.p.	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>18</b> (1980), 301	
Florencite-(Nd)	$\text{NdAl}_3(\text{PO}_4)_2(\text{OH})_6$	A	1987 s.p.	USA	<i>Mineralogical Record</i> <b>2</b> (1971), 166	
Florencite-(Sm)	$\text{SmAl}_3(\text{PO}_4)_2(\text{OH})_6$	A	2009-074	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 16	
Florenskyite	$\text{FeTiP}$	A	1999-013	Yemen (meteorite)	<i>American Mineralogist</i> <b>85</b> (2000), 1082	
Florensovite	$\text{Cu}(\text{Cr}_{1.5}\text{Sb}_{0.5})\text{S}_4$	A	1987-012	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(1)</b> (1990), 57	
Flörkeite	$(\text{K}_3\text{Ca}_2\text{Na})[\text{Al}_8\text{Si}_8\text{O}_{32}] \cdot 12\text{H}_2\text{O}$	A	2008-036	Germany	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 901	
Fluckite	$\text{CaMn}^{2+}(\text{AsO}_3\text{OH})_2 \cdot 2\text{H}_2\text{O}$	A	1978-054	France	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 122	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 129
Fluellite	$\text{Al}_2(\text{PO}_4)\text{F}_2(\text{OH}) \cdot 7\text{H}_2\text{O}$	G	1824	United Kingdom	<i>Annals of Philosophy</i> <b>8</b> (1824), 241	<i>American Mineralogist</i> <b>51</b> (1966), 1579
Fluoborite	$\text{Mg}_3(\text{BO}_3)\text{F}_3$	G	1926	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>48</b> (1926), 84	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>21</b> (1974), 94
Fluocerite-(Ce)	$\text{CeF}_3$	A	1987 s.p.	Sweden	Treatise on Mineralogy. Hezekiah Howe, New Haven (1832), 302	<i>Acta Crystallographica</i> <b>B32</b> (1976), 94
Fluocerite-(La)	$\text{LaF}_3$	A	1987 s.p.	Kazakhstan	<i>Trudy Mineralogicheskogo Muzeya Akademiyi Nauk SSSR</i> <b>19</b> (1969), 236	<i>Acta Crystallographica</i> <b>B41</b> (1985), 91
Fluorannite	$\text{KFe}^{2+}_3(\text{Si}_3\text{Al})\text{O}_{10}\text{F}_2$	A	1999-048	China	<i>Acta Petrologica et Mineralogica</i> <b>19</b> (2000), 355	



Fluorapatite	$\text{Ca}_5(\text{PO}_4)_3\text{F}$	Rn	2010 s.p.	Austria / Germany / Spain / Switzerland	<i>Annalen der Physik und Chemie</i> <b>85</b> (1827), 185	
Fluorapophyllite-(K)	$\text{KCa}_4\text{Si}_8\text{O}_{20}\text{F}\cdot 8\text{H}_2\text{O}$	Rn	1978 s.p.	India	Tableau Méthodique des Espèces Minérales, Première Partie. Levraut, Paris (1806), 266	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 845
Fluorapophyllite-(Na)	$\text{NaCa}_4\text{Si}_8\text{O}_{20}\text{F}\cdot 8\text{H}_2\text{O}$	Rn	1976-032	Japan	<i>American Mineralogist</i> <b>66</b> (1981), 410	<i>American Mineralogist</i> <b>66</b> (1981), 416
Fluorarrojadite-(BaFe)	$\text{Na}_2\text{CaBaFe}^{2+}\text{Fe}^{2+}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})\text{F}_2$	A	2005-058a	Morocco	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Fluorarrojadite-(BaNa)	$\text{BaNa}_4\text{CaFe}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})\text{F}_2$	A	2016-075	Slovakia	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Fluorbarytolamprophyllite	$(\text{Ba},\text{Sr})_2[(\text{Na},\text{Fe}^{2+})_3(\text{Ti},\text{Mg})\text{F}_2][\text{T}_{12}(\text{Si}_2\text{O}_7)_2\text{O}_2]$	A	2016-089	Russia	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Fluorbritholite-(Ce)	$(\text{Ce},\text{Ca})_5(\text{SiO}_4)_3\text{F}$	A	1991-027	Canada	<i>Journal of Wuhan University of Technology</i> <b>9(3)</b> (1994), 9	
Fluorbritholite-(Y)	$(\text{Y},\text{Ca})_5(\text{SiO}_4)_3\text{F}$	A	2009-005	Norway	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>188</b> (2011), 191	
Fluor-buergerite	$\text{NaFe}^{3+}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3\text{O}_3\text{F}$	Rd	1965-005	Mexico	<i>American Mineralogist</i> <b>51</b> (1966), 198	<i>Acta Crystallographica</i> <b>B25</b> (1969), 1524
Fluorcalciobritholite	$(\text{Ca},\text{REE})_5(\text{SiO}_4,\text{PO}_4)_3\text{F}$	A	2006-010	Russia	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 95	
Fluorcalciomicrolite	$(\text{Ca},\text{Na},\square)_2\text{Ta}_2\text{O}_6\text{F}$	A	2012-036	Brazil	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2989	
Fluorcalciopyrochlore	$(\text{Ca},\text{Na})_2(\text{Nb},\text{Ti})_2\text{O}_6\text{F}$	A	2013-055	China	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1285	
Fluorcalciroméite	$(\text{Ca},\text{Na})_2\text{Sb}^{5+}_2\text{O}_6\text{F}$	A	2012-093	Switzerland	<i>Mineralogical Magazine</i> <b>77</b> (2013), 467	
Fluorcanasite	$\text{K}_3\text{Na}_3\text{Ca}_5\text{Si}_{12}\text{O}_{30}\text{F}_4\cdot \text{H}_2\text{O}$	A	2007-031	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138</b> (2009), 52	
Fluorcaphite	$\text{SrCaCa}_3(\text{PO}_4)_3\text{F}$	A	1996-022	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(3)</b> (1997), 87	<i>Crystallography Reports</i> <b>41</b> (1996), 789
Fluorcarmoite-(BaNa)	$\text{Ba}\square\text{Na}_2\text{Na}_2\square\text{CaMg}_{13}\text{Al}(\text{PO}_4)_{11}(\text{PO}_3\text{OH})\text{F}_2$	A	2015-062	Italy	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	
Fluorchegemite	$\text{Ca}_7(\text{SiO}_4)_3\text{F}_2$	A	2011-112	Russia	<i>Canadian Mineralogist</i> <b>53</b> (2015), 325	
Fluor-dravite	$\text{NaMg}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{F}$	A	2009-089	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 57	
Fluor-elbaite	$\text{Na}(\text{Li}_{1.5}\text{Al}_{1.5})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{F}$	A	2011-071	Brazil	<i>American Mineralogist</i> <b>98</b> (2013), 297	
Fluorellestadite	$\text{Ca}_5(\text{SiO}_4)_{1.5}(\text{SO}_4)_{1.5}\text{F}$	Rd	1987-002	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 743	
Fluorite	$\text{CaF}_2$	G	?	unknown	original paper?	<i>Physics and Chemistry of Minerals</i> <b>29</b> (2002), 465
Fluorkyuygenite	$\text{Ca}_{12}\text{Al}_{14}\text{O}_{32}[(\text{H}_2\text{O})_4\text{F}_2]$	A	2013-043	Israel	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 123	
Fluorlamprophyllite	$(\text{SrNa})\text{Ti}_2\text{Na}_3\text{Ti}(\text{Si}_2\text{O}_7)_2\text{O}_2\text{F}_2$	Rd	2013-102	Brazil	CNMNC Newsletter 19 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 165	
Fluor-liddicoatite	$\text{Ca}(\text{Li}_2\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{F}$	Rd	1976-041	Madagascar	<i>American Mineralogist</i> <b>62</b> (1977), 1121	<i>American Mineralogist</i> <b>96</b> (2011), 895
Fluormayenite	$\text{Ca}_{12}\text{Al}_{14}\text{O}_{32}[\square_4\text{F}_2]$	A	2013-019	Israel	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 123	

Fluornatrocoussellite	$(\text{Na}_{1.5}\text{Ca}_{0.5})(\text{Mg}_{1.5}\text{Al}_{0.5})\text{F}_6\text{F}$	Rn	2009-070	Australia	<i>Australian Journal of Mineralogy</i> <b>15</b> (2009), 21	<i>Canadian Mineralogist</i> <b>55</b> (2017), 115
Fluornatromicrolite	$(\text{Na}_{1.5}\text{Bi}_{0.5})\text{Ta}_2\text{O}_6\text{F}$	A	1998-018	Brazil	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1105	
Fluornatropyrochlore	$(\text{Na}, \text{Pb}, \text{Ca}, \text{REE}, \text{U})_2\text{Nb}_2\text{O}_6\text{F}$	A	2013-056	China	<i>Canadian Mineralogist</i> <b>53</b> (2015), 455	
Fluoro-cannilloite	$\text{CaCa}_2(\text{Mg}_4\text{Al})(\text{Si}_5\text{Al}_3)\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Finland	<i>American Mineralogist</i> <b>81</b> (1996), 995	
Fluorocronite	$\text{PbF}_2$	A	2010-023	Russia	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 695	
Fluoro-edenite	$\text{NaCa}_2\text{Mg}_5(\text{Si}_7\text{Al})\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Italy	<i>American Mineralogist</i> <b>86</b> (2001), 1489	<i>Mineralogical Magazine</i> <b>78</b> (2014), 293
Fluorokinoshitalite	$\text{BaMg}_3\text{Al}_2\text{Si}_2\text{O}_{10}\text{F}_2$	A	2010-001	China	<i>Clay Science</i> <b>15</b> (2011), 13	
Fluoro-leakeite	$\text{NaNa}_2(\text{Mg}_2\text{Al}_2\text{Li})\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Sweden	<i>Mineralogical Magazine</i> <b>73</b> (2009), 817	
Fluoro-nybøite	$\text{NaNa}_2(\text{Mg}_3\text{Al}_2)(\text{Si}_7\text{Al})\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	China	<i>Mineralogical Magazine</i> <b>67</b> (2003), 769	
Fluoro-pargasite	$\text{NaCa}_2(\text{Mg}_4\text{Al})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	USA	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1423	<i>Mineralogical Magazine</i> <b>78</b> (2014), 293
Fluoro-pedrizite	$\text{NaLi}_2(\text{Mg}_2\text{Al}_2\text{Li})\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Russia	<i>American Mineralogist</i> <b>90</b> (2005), 732	
Fluorophlogopite	$\text{KMg}_3(\text{Si}_3\text{Al})\text{O}_{10}\text{F}_2$	A	2006-011	Italy	<i>American Mineralogist</i> <b>92</b> (2007), 1601	<i>American Mineralogist</i> <b>98</b> (2013), 1017
Fluoro-richterite	$\text{Na}(\text{NaCa})\text{Mg}_5\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(3)</b> (1993), 98	<i>Canadian Mineralogist</i> <b>53</b> (2015), 285
Fluoro-riebeckite	$\square\text{Na}_2(\text{Fe}^{2+}_3\text{Fe}^{3+}_2)\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	USA	<i>Canadian Mineralogist</i> <b>16</b> (1978), 187	
Fluoro-taramite	$\text{Na}(\text{NaCa})(\text{Mg}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	China	<i>American Mineralogist</i> <b>92</b> (2007), 1428	
Fluorotetraferriphlogopite	$\text{KMg}_3\text{Fe}^{3+}\text{Si}_3\text{O}_{10}\text{F}_2$	A	2010-002	China	<i>Clay Science</i> <b>15</b> (2011), 13	
Fluoro-tremolite	$\square\text{Ca}_2\text{Mg}_5\text{Si}_8\text{O}_{22}\text{F}_2$	A	2016-018	USA	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Fluorowardite	$\text{NaAl}_3(\text{PO}_4)_2(\text{OH})_2\text{F}_2 \cdot 2\text{H}_2\text{O}$	A	2012-016	USA	<i>American Mineralogist</i> <b>99</b> (2014), 804	
Fluorophosphohedyphane	$\text{Ca}_2\text{Pb}_3(\text{PO}_4)_3\text{F}$	Rn	2008-068	USA	<i>American Mineralogist</i> <b>96</b> (2011), 423	
Fluor-schorl	$\text{NaFe}^{2+}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{F}$	A	2010-067	Germany / Italy	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 163	
Fluorstrophite	$\text{SrCaSr}_3(\text{PO}_4)_3\text{F}$	Rn	2010 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>142</b> (1962), 439	<i>Soviet Physics - Crystallography</i> <b>32</b> (1987), 524
Fluor-tsilaisite	$\text{NaMn}^{2+}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{F}$	A	2012-044	Italy	<i>Mineralogical Magazine</i> <b>79</b> (2015), 89	
Fluor-uvite	$\text{CaMg}_3(\text{Al}_5\text{Mg})(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{F}$	Rd	2011 s.p.	Sri Lanka	<i>Chemie der Erde</i> <b>4</b> (1930), 208	<i>Mineralogical Record</i> <b>8</b> (1977), 100
Fluorvesuvianite	$\text{Ca}_{19}(\text{Al}, \text{Mg})_{13}(\text{SiO}_4)_{10}(\text{Si}_2\text{O}_7)_4\text{O}(\text{F}, \text{OH})_9$	A	2000-037	Russia	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1371	
Fluorwavellite	$\text{Al}_3(\text{PO}_4)_2(\text{OH})_2\text{F} \cdot 5\text{H}_2\text{O}$	A	2015-077	USA	<i>American Mineralogist</i> <b>102</b> (2017), 909	
Flurlite	$\text{Zn}_3\text{Mn}^{2+}\text{Fe}^{3+}(\text{PO}_4)_3(\text{OH})_2 \cdot 9\text{H}_2\text{O}$	A	2014-064	Germany	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1175	
Foggite	$\text{CaAl}(\text{PO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1973-067	USA	<i>American Mineralogist</i> <b>60</b> (1975), 957	<i>American Mineralogist</i> <b>60</b> (1975), 965
Fogoite-(Y)	$\text{Ca}_2\text{Y}_2\text{Na}_3\text{Ti}(\text{Si}_2\text{O}_7)_2(\text{OF})\text{F}_2$	Rd	2014-098	Portugal	CNMNC Newsletter 24 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 247	
Foitite	$\square(\text{Fe}^{2+}_2\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	A	1992-034	USA	<i>American Mineralogist</i> <b>78</b> (1993), 1299	<i>American Mineralogist</i> <b>96</b> (2011), 895
Folvikite	$\text{Sb}^{5+}\text{Mn}^{3+}(\text{Mg}, \text{Mn}^{2+})_{10}\text{O}_8(\text{BO}_3)_4$	A	2016-026	Sweden	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	

Fontanite	$\text{Ca}(\text{UO}_2)_3(\text{CO}_3)_2\text{O}_2 \cdot 6\text{H}_2\text{O}$	A	1991-034	France	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 1271	<i>American Mineralogist</i> <b>88</b> (2003), 962
Fontarnauite	$(\text{Na},\text{K})_2(\text{Sr},\text{Ca})(\text{SO}_4)[\text{B}_5\text{O}_8(\text{OH})](\text{H}_2\text{O})_2$	A	2009-096a	Turkey	<i>Canadian Mineralogist</i> <b>53</b> (2015), 803	
Foordite	$\text{Sn}^{2+}\text{Nb}_2\text{O}_6$	A	1984-070	Rwanda	<i>Canadian Mineralogist</i> <b>26</b> (1988), 889	<i>Canadian Mineralogist</i> <b>26</b> (1988), 899
Footemineite	$\text{Ca}_2\text{Mn}^{2+}_5\text{Be}_4(\text{PO}_4)_6(\text{OH})_4 \cdot 6\text{H}_2\text{O}$	A	2006-029	USA	<i>American Mineralogist</i> <b>93</b> (2008), 1	<i>Doklady Akademii Nauk, Earth Science Section</i> <b>416</b> (2007), 1053
Forêtite	$\text{Cu}_2\text{Al}_2(\text{AsO}_4)(\text{OH},\text{O},\text{H}_2\text{O})_6$	A	2011-100	France	<i>Mineralogical Magazine</i> <b>76</b> (2012), 769	
Formanite-(Y)	$\text{YTaO}_4$	A	1987 s.p.	Australia	Dana's System of Mineralogy, 7th ed., Vol. 1. Wiley, New York (1944), 757	<i>Acta Crystallographica</i> <b>23</b> (1967), 939
Formicaite	$\text{Ca}(\text{CHOO})_2$	A	1998-030	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(2)</b> (1998), 43	
Fornacite	$\text{CuPb}_2(\text{CrO}_4)(\text{AsO}_4)(\text{OH})$	G	1915	Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie</i> <b>38</b> (1915), 198	<i>Zeitschrift für Kristallographie</i> <b>124</b> (1967), 385
Forsterite	$\text{Mg}_2(\text{SiO}_4)$	G	1824	Italy	<i>Annals of Philosophy</i> <b>7</b> (1824), 61	<i>Zeitschrift für Kristallographie</i> <b>171</b> (1985), 291
Foshagite	$\text{Ca}_4(\text{SiO}_3)_3(\text{OH})_2$	G	1925	USA	<i>American Mineralogist</i> <b>10</b> (1925), 97	<i>Acta Crystallographica</i> <b>13</b> (1960), 785
Fougèrite	$\text{Fe}^{2+}_4\text{Fe}^{3+}_2(\text{OH})_{12}(\text{CO}_3) \cdot 3\text{H}_2\text{O}$	Rd	2003-057	France	<i>Clays and Clay Minerals</i> <b>55</b> (2007), 323	<i>Clays and Clay Minerals</i> <b>59</b> (2011), 3
Fourmarierite	$\text{Pb}_{1-x}\text{O}_{3-2x}(\text{UO}_2)_4(\text{OH})_{4+2x} \cdot 4\text{H}_2\text{O}$	G	1924	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>47</b> (1924), C41	<i>Canadian Mineralogist</i> <b>38</b> (2000), 737
Fowlerite	$(\text{Mn},\text{Zn})\text{SiO}_3$	Q	1832	USA	<i>American Journal of Science</i> <b>21</b> (1832), 321	<i>American Mineralogist</i> <b>90</b> (2005), 969
Fraipontite	$(\text{Zn},\text{Al})_3(\text{Si},\text{Al})_2\text{O}_5(\text{OH})_4$	G	1927	Belgium	<i>Annales de la Société Géologique de Belgique</i> <b>50</b> (1927), 106	<i>Bulletin de la Société Française de Minéralogie</i> <b>98</b> (1975), 235
Francevillite	$\text{Ba}(\text{UO}_2)_2(\text{VO}_4)_2 \cdot 5\text{H}_2\text{O}$	Rn	2007 s.p.	Gabon	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>245</b> (1957), 89	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 552
Franciscanite	$\text{Mn}^{2+}_6\text{V}^{5+}(\text{SiO}_4)_2(\text{O},\text{OH})_6$	A	1985-038	USA	<i>American Mineralogist</i> <b>71</b> (1986), 1522	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 493
Francisite	$\text{Cu}_3\text{Bi}(\text{Se}^{4+}\text{O}_3)_2\text{O}_2\text{Cl}$	A	1989-028	Australia	<i>American Mineralogist</i> <b>75</b> (1990), 1421	
Franckeite	$\text{Pb}_{21.7}\text{Sn}_{9.3}\text{Fe}_{4.0}\text{Sb}_{8.1}\text{S}_{56.9}$	G	1893	Bolivia	<i>Neues Jahrbuch für Mineralogie</i> <b>2</b> (1893), 114	<i>American Mineralogist</i> <b>96</b> (2011), 1686
Francoanellite	$\text{K}_3\text{Al}_5(\text{PO}_3\text{OH})_6(\text{PO}_4)_2 \cdot 12\text{H}_2\text{O}$	A	1974-051	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1976), 49	<i>Zeitschrift für Naturforschung</i> <b>B53</b> (1998), 711
Françoisite-(Ce)	$\text{Ce}(\text{UO}_2)_3\text{O}(\text{OH})(\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	2004-029	Switzerland / Australia	<i>American Mineralogist</i> <b>95</b> (2010), 1527	
Françoisite-(Nd)	$\text{Nd}(\text{UO}_2)_3\text{O}(\text{OH})(\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	1987-041	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>111</b> (1988), 443	<i>Mineralogical Magazine</i> <b>60</b> (1996), 665
Franconite	$\text{NaNb}_2\text{O}_5(\text{OH}) \cdot 3\text{H}_2\text{O}$	A	1981-006a	Canada	<i>Canadian Mineralogist</i> <b>22</b> (1984), 239	<i>Mineralogical Magazine</i> <b>78</b> (2014), 591
Frankamenite	$\text{K}_3\text{Na}_3\text{Ca}_5\text{Si}_{12}\text{O}_{30}(\text{F},\text{OH})_4 \cdot \text{H}_2\text{O}$	A	1994-050	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(2)</b> (1996), 106	<i>Mineralogical Magazine</i> <b>60</b> (1996), 897
Frankdicksonite	$\text{BaF}_2$	A	1974-015	USA	<i>American Mineralogist</i> <b>59</b> (1974), 885	
Frankhawthorneite	$\text{Cu}_2\text{Te}^{6+}\text{O}_4(\text{OH})_2$	A	1993-047	USA	<i>Canadian Mineralogist</i> <b>33</b> (1995), 641	<i>Canadian Mineralogist</i> <b>33</b> (1995), 649
Franklinfurnaceite	$\text{Ca}_2\text{Mn}^{2+}_3\text{Mn}^{3+}\text{Fe}^{3+}\text{Zn}_2\text{Si}_2\text{O}_{10}(\text{OH})_8$	A	1986-034	USA	<i>American Mineralogist</i> <b>72</b> (1987), 812	<i>American Mineralogist</i> <b>73</b> (1988), 876
Franklinite	$\text{ZnFe}^{3+}_2\text{O}_4$	G	1819	USA	<i>Annales des Mines</i> <b>4</b> (1819), 483	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 511

Franklinphilitite	$(K,Na)_4(Mn^{2+},Mg,Zn)_{48}(Si,Al)_{72}(O,OH)_{216}\cdot 6H_2O$	A	1990-050	USA	<i>Mineralogical Record</i> <b>23</b> (1992), 465	
Fransoletite	$Ca_3Be_2(PO_4)_2(PO_3OH)_2\cdot 4H_2O$	A	1982-096	USA	<i>Bulletin de Mineralogie</i> <b>106</b> (1983), 499	<i>American Mineralogist</i> <b>77</b> (1992), 848
Franzinite	$(Na,K)_{30}Ca_{10}(Si_{30}Al_{30})O_{120}(SO_4)_{10}\cdot 2H_2O$	A	1976-020	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 163	<i>Canadian Mineralogist</i> <b>38</b> (2000), 657
Freboldite	CoSe	G	1957	Germany	Mineralogische Tabellen, 3rd ed. (1957), 98	
Fredrikssonite	$Mg_2Mn^{3+}O_2(BO_3)$	A	1983-040	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>105</b> (1983), 335	<i>Canadian Mineralogist</i> <b>32</b> (1994), 397
Freedite	$Cu^{1+}Pb_8(As^{3+}O_3)_2O_3Cl_5$	A	1984-012	Sweden	<i>American Mineralogist</i> <b>70</b> (1985), 845	<i>Mineralogy and Petrology</i> <b>36</b> (1987), 85
Freibergite	$Ag_6[Cu_4Fe_2]Sb_4S_{12}$	G	1853	Germany	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 117	<i>Mineralogicheskii Zhurnal</i> <b>15</b> (1993), 9
Freieslebenite	$AgPbSbS_3$	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 563	<i>Zeitschrift für Kristallographie</i> <b>139</b> (1974), 85
Fresnoite	$Ba_2TiO(Si_2O_7)$	A	1964-012	USA	<i>American Mineralogist</i> <b>50</b> (1965), 314	<i>Zeitschrift für Kristallographie</i> <b>130</b> (1969), 438
Freudenbergite	$Na(Ti^{4+}_3Fe^{3+})O_8$	A	1967 s.p.	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1961), 12	<i>Acta Crystallographica</i> <b>B34</b> (1978), 255
Friedelite	$Mn^{2+}_8Si_6O_{15}(OH)_{10}$	G	1876	France	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>82</b> (1876), 1167	<i>Yamaguchi University, College of Arts Bulletin</i> <b>26</b> (1992), 51
Friedrichbeckeite	$K(\square Na)Mg_2(Be_2Mg)Si_{12}O_{30}$	A	2008-019	Germany	<i>Mineralogy and Petrology</i> <b>96</b> (2009), 221	
Friedrichite	$Cu_5Pb_5Bi_7S_{18}$	A	1977-031	Austria	<i>Canadian Mineralogist</i> <b>16</b> (1978), 127	<i>Canadian Mineralogist</i> <b>40</b> (2002), 849
Fritzscheite	$Mn^{2+}(UO_2)_2(VO_4,PO_4)_2\cdot 4H_2O$	G	1865	Czech Republic / Germany	<i>Berg- und Hüttenmännische Zeitung</i> <b>2</b> (1865), 301	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 320
Frohbergite	$FeTe_2$	G	1947	Canada	<i>University of Toronto Studies, Geological Series</i> <b>51</b> (1947), 35	<i>Anzeiger der Osterreichischen Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Klasse</i> <b>123</b> (1986), 123
Frolovite	$Ca[B(OH)_4]_2$	G	1957	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>86</b> (1957), 622	<i>Doklady Akademii Nauk SSSR</i> <b>202</b> (1972), 78
Frondelite	$Mn^{2+}Fe^{3+}_4(PO_4)_3(OH)_5$	G	1949	Brazil	<i>American Mineralogist</i> <b>34</b> (1949), 541	
Froodite	$PdBi_2$	G	1958	Canada	<i>Canadian Mineralogist</i> <b>6</b> (1958), 200	
Fuenzalidaite	$K_3Na_5Mg_5(IO_3)_6(SO_4)_6\cdot 6H_2O$	A	1993-021	Chile	<i>American Mineralogist</i> <b>79</b> (1994), 1003	
Fuettererite	$Pb_3Cu^{2+}_6Te^{6+}O_6(OH)_7Cl_5$	A	2011-111	USA	<i>American Mineralogist</i> <b>98</b> (2013), 506	
Fukalite	$Ca_4Si_2O_6(CO_3)(OH)_2$	A	1976-003	Japan	<i>Mineralogical Journal</i> <b>8</b> (1977), 374	<i>American Mineralogist</i> <b>94</b> (2009), 323
Fukuchilite	$Cu_3FeS_8$	A	1967-009	Japan	<i>Mineralogical Journal</i> <b>5</b> (1969), 399	<i>American Mineralogist</i> <b>74</b> (1989), 1168
Fülöppite	$Pb_3Sb_8S_{15}$	G	1929	Romania	<i>Mineralogical Magazine</i> <b>22</b> (1929), 179	<i>Acta Crystallographica</i> <b>B31</b> (1975), 151
Fupingquuite	$(Na,Mn^{2+},\square)_2Mn^{2+}_2Fe^{3+}(PO_4)_3$	A	2016-087	Argentina	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Furongite	$Al_4(UO_2)_4(PO_4)_6(OH)_2(H_2O)_{19.5}$	A	1982 s.p.	China	<i>Acta Geologica Sinica</i> <b>50</b> (1976), 203	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 517
Furutobeite	$(Cu,Ag)_6PbS_4$	A	1978-040	Japan	<i>Bulletin de Minéralogie</i> 104 (1981), 737	
Gabrielite	$Tl_2AgCu_2As_3S_7$	A	2002-053	Switzerland	<i>Canadian Mineralogist</i> <b>44</b> (2006), 135	<i>Canadian Mineralogist</i> <b>44</b> (2006), 141

Gabrielsonite	$\text{PbFe}(\text{AsO}_4)(\text{OH})$	A	1966-011	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>4</b> (1967), 401	
Gadolinite-(Ce)	$\text{Ce}_2\text{Fe}^{2+}\text{Be}_2\text{O}_2(\text{SiO}_4)_2$	A	1987 s.p.	Norway	<i>American Mineralogist</i> <b>63</b> (1978), 188	
Gadolinite-(Nd)	$\text{Nd}_2\text{Fe}^{2+}\text{Be}_2\text{O}_2(\text{SiO}_4)_2$	A	2016-013	Sweden	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Gadolinite-(Y)	$\text{Y}_2\text{Fe}^{2+}\text{Be}_2\text{O}_2(\text{SiO}_4)_2$	Rn	1987 s.p.	Sweden	Beiträge zur Chemischen Kenntniss der Mineralkörper, Vol. 3. Rottmann, Berlin (1802), 52	<i>American Mineralogist</i> <b>69</b> (1984), 948
Gagarinite-(Ce)	$\text{NaCaCeF}_6$	Rd	1993-038	Canada	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1299	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1111
Gagarinite-(Y)	$\text{NaCaYF}_6$	A	1967 s.p.	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>141</b> (1961), 954	<i>Canadian Mineralogist</i> <b>32</b> (1994), 563
Gageite	$\text{Mn}^{2+}_{21}\text{Si}_8\text{O}_{27}(\text{OH})_{20}$	G	1910	USA	<i>American Journal of Science</i> <b>30</b> (1910), 283	<i>American Mineralogist</i> <b>72</b> (1987), 382
Gahnite	$\text{ZnAl}_2\text{O}_4$	G	1807	Sweden	<i>Efemeriden der Berg- und Huttenkunde</i> <b>3</b> (1807), 75	<i>Zeitschrift für Kristallographie</i> <b>120</b> (1964), 476
Gaidonnayite	$\text{Na}_2\text{ZrSi}_3\text{O}_9 \cdot 2\text{H}_2\text{O}$	A	1973-008	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1974), 316	<i>Canadian Mineralogist</i> <b>24</b> (1986), 417
Gainesite	$\text{Na}_2(\text{Be},\text{Li})\text{Zr}_2(\text{PO}_4)_4 \cdot 1.5\text{H}_2\text{O}$	A	1978-020	USA	<i>American Mineralogist</i> <b>68</b> (1983), 1022	<i>Canadian Mineralogist</i> <b>32</b> (1994), 839
Gaitite	$\text{Ca}_2\text{Zn}(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1978-047	Namibia	<i>Canadian Mineralogist</i> <b>18</b> (1980), 197	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 353
Gajardoite	$\text{KCa}_{0.5}\text{As}^{3+}_4\text{O}_6\text{Cl}_2 \cdot 5\text{H}_2\text{O}$	A	2015-040	Chile	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1265	
Galaxite	$\text{Mn}^{2+}\text{Al}_2\text{O}_4$	G	1932	USA	<i>American Mineralogist</i> <b>17</b> (1932), 1	<i>American Mineralogist</i> <b>92</b> (2007), 1225
Galeite	$\text{Na}_{15}(\text{SO}_4)_5\text{ClF}_4$	A	1967 s.p.	USA	<i>Geological Society of America Bulletin</i> <b>66</b> (1955), 1658	<i>Mineralogical Magazine</i> <b>40</b> (1975), 357
Galena	$\text{PbS}$	G	?	unknown	original paper?	<i>Acta Crystallographica</i> <b>C43</b> (1987), 1443
Galenobismutite	$\text{PbBi}_2\text{S}_4$	G	1878	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>4</b> (1878), 109	<i>Physics and Chemistry of Minerals</i> <b>34</b> (2007), 467
Galgenbergite-(Ce)	$\text{CaCe}_2(\text{CO}_3)_4 \cdot \text{H}_2\text{O}$	A	1997-036	Austria	<i>Mitteilungen der Österreichischen Mineralogischen Gesellschaft</i> <b>143</b> (1998), 200	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 189
Galileite	$\text{NaFe}^{2+}_4(\text{PO}_4)_3$	A	1996-028	USA (meteorite)	<i>Meteoritics &amp; Planetary Science</i> <b>32</b> (1997), A155	
Galkhaite	$(\text{Hg}_5\text{Cu})\text{CsAs}_4\text{S}_{12}$	A	1971-029	Kyrgyzstan / Russia	<i>Doklady Akademii Nauk SSSR</i> <b>205</b> (1972), 1194	<i>Canadian Mineralogist</i> <b>52</b> (2014), 873
Galliskiite	$\text{Ca}_4\text{Al}_2(\text{PO}_4)_2\text{F}_8 \cdot 5\text{H}_2\text{O}$	A	2009-038	Argentina	<i>American Mineralogist</i> <b>95</b> (2010), 392	
Gallite	$\text{CuGaS}_2$	G	1958	Democratic Republic of the Congo / Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1958), 241	
Gallopeudantite	$\text{PbGa}_3(\text{AsO}_4)(\text{SO}_4)(\text{OH})_6$	A	1994-021	Namibia	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1305	
Galloplumbogummite	$\text{Pb}(\text{Ga},\text{Al},\text{Ge})_3(\text{PO}_4)_2(\text{OH})_6$	A	2010-088	Namibia	<i>Journal of Mineralogy and Geochemistry</i> <b>191</b> (2014), 301	
Galuskinite	$\text{Ca}_7(\text{SiO}_4)_3(\text{CO}_3)$	A	2010-075	Russia	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2631	
Gamagarite	$\text{Ba}_2\text{Fe}^{3+}(\text{VO}_4)_2(\text{OH})$	G	1943	South Africa	<i>American Mineralogist</i> <b>28</b> (1943), 329	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 295
Gananite	$\text{BiF}_3$	A	1983-006	China	<i>Acta Petrologica Mineralogica et Analytica</i> <b>3</b> (1984), 119	
Ganomalite	$\text{Pb}_9\text{Ca}_6(\text{Si}_2\text{O}_7)_4(\text{SiO}_4)\text{O}$	G	1876	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1876), 119	<i>Zeitschrift für Kristallographie</i> <b>212</b> (1997), 208

Ganophyllite	$(K,Na)_xMn^{2+}_6(Si,Al)_{10}O_{24}(OH)_4 \cdot nH_2O$ ( $x = 1-2$ ; $n = 7-11$ )	G	1890	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>12</b> (1890), 586	<i>American Mineralogist</i> <b>88</b> (2003), 1324
Ganterite	$Ba_{0.5}(Na,K)_{0.5}Al_2(Si_{2.5}Al_{1.5})O_{10}(OH)_2$	A	2000-033	Switzerland	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1271	
Gaotaiite	$Ir_3Te_8$	A	1993-017	China	<i>Acta Mineralogica Sinica</i> <b>15</b> (1995), 1	
Garavellite	$FeSbBiS_4$	A	1978-018	Italy	<i>Mineralogical Magazine</i> <b>43</b> (1979), 99	<i>Mineralogy and Petrology</i> <b>85</b> (2005), 131
Garmite	$CsLiMg_2(Si_4O_{10})F_2$	A	2017-008	Tajikistan	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Garrelsite	$NaBa_3B_7Si_2O_{16}(OH)_4$	G	1955	USA	<i>Geological Society of America Bulletin</i> <b>66</b> (1955), 1597	<i>Acta Crystallographica</i> <b>B32</b> (1976), 824
Garronite-Ca	$Ca_3(Al_6Si_{10}O_{32}) \cdot 14H_2O$	Rn	1997 s.p.	United Kingdom	<i>Mineralogical Magazine</i> <b>33</b> (1962), 173	<i>American Mineralogist</i> <b>77</b> (1992), 189
Garronite-Na	$Na_6(Al_6Si_{10}O_{32}) \cdot 8.5H_2O$	A	2015-015	Canada	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1549	
Gartrellite	$PbCuFe^{3+}(AsO_4)_2(OH) \cdot H_2O$	Rd	1988-039	Australia	<i>Australian Mineralogist</i> <b>4</b> (1989), 83	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 179
Garutiite	(Ni,Fe,Ir)	A	2008-055	Dominican Republic	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 293	
Garyansellite	$Mg_2Fe^{3+}(PO_4)_2(OH) \cdot 2H_2O$	A	1981-019	Canada	<i>American Mineralogist</i> <b>69</b> (1984), 207	<i>Doklady Earth Sciences</i> <b>467</b> (2016), 299
Gasparite-(Ce)	$Ce(AsO_4)$	A	1986-031	Italy	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>67</b> (1987), 103	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 111
Gaspéite	$Ni(CO_3)$	Rn	1965-029	Canada	<i>American Mineralogist</i> <b>51</b> (1966), 677	<i>Acta Crystallographica</i> <b>C42</b> (1986), 4
Gatedalite	$ZrMn^{2+}_2Mn^{3+}_4O_8(SiO_4)$	A	2013-091	Sweden	<i>Mineralogical Magazine</i> <b>79</b> (2015), 625	
Gatehouseite	$Mn^{2+}_5(PO_4)_2(OH)_4$	A	1992-016	Australia	<i>Mineralogical Magazine</i> <b>57</b> (1993), 309	
Gatelite-(Ce)	$(Ca,Ce)_4(Al,Mg,Fe)_4(Si_2O_7)(SiO_4)_3(O,F,OH)_3$	A	2001-050	France	<i>American Mineralogist</i> <b>88</b> (2003), 223	
Gatewayite	$Ca_6(As^{3+}V^{4+}_3V^{5+}_9As^{5+}_6O_{51}) \cdot 31H_2O$	A	2014-096	USA	<i>Canadian Mineralogist</i> <b>54</b> (2016), 145	
Gatumbaite	$CaAl_2(PO_4)_2(OH)_2 \cdot H_2O$	A	1976-019	Rwanda	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 561	
Gaodefroyite	$Ca_4Mn^{3+}_3(BO_3)_3(CO_3)O_3$	A	1964-006	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>87</b> (1964), 216	<i>Canadian Mineralogist</i> <b>46</b> (2008), 183
Gaultite	$Na_4Zn_2Si_7O_{18} \cdot 5H_2O$	A	1992-040	Canada	<i>Canadian Mineralogist</i> <b>32</b> (1994), 855	
Gauthierite	$KPb[(UO_2)_7O_5(OH)_7] \cdot 8H_2O$	A	2016-004	Democratic Republic of the Congo	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 129	
Gayite	$NaMnFe_5(PO_4)_4(OH)_6 \cdot 2H_2O$	A	2008-056	Argentina	<i>American Mineralogist</i> <b>95</b> (2010), 386	
Gaylussite	$Na_2Ca(CO_3)_2 \cdot 5H_2O$	G	1826	Venezuela	<i>Annales de Chimie et de Physique</i> <b>31</b> (1826), 270	<i>Atti della Accademia Nazionale dei Lincei</i> <b>44</b> (1968), 680
Gazeevite	$BaCa_6(SiO_4)_2(SO_4)_2O$	A	2015-037	Georgia / Israel	<i>Mineralogical Magazine</i> <b>81</b> (2017), 499	
Gearsutite	$CaAlF_4(OH) \cdot H_2O$	A	1962 s.p.	Denmark (Greenland)	A System of Mineralogy, 5th ed. Wiley, New York (1868), 130	<i>American Mineralogist</i> <b>85</b> (2000), 231
Gebhardite	$Pb_8As^{3+}_4O_{11}Cl_6$	A	1979-071	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 445	<i>Zeitschrift für Kristallographie</i> <b>159</b> (1982), 75
Gedrite	$\square Mg_2(Mg_3Al_2)(Si_6Al_2)O_{22}(OH)_2$	Rd	2012 s.p.	France	<i>Annales des Mines</i> <b>10</b> (1836), 582	
Geerite	$Cu_8S_5$	A	1978-024	USA	<i>Canadian Mineralogist</i> <b>18</b> (1980), 519	<i>Canadian Mineralogist</i> <b>23</b> (1985), 61

Geffroyite	$(\text{Cu,Fe,Ag})_9\text{Se}_8$	A	1980-090	France	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>29</b> (1982), 151	
Gehlenite	$\text{Ca}_2\text{Al}(\text{SiAl})\text{O}_7$	G	1815	Italy	<i>Journal of Chemical Physics</i> <b>15</b> (1815), 377	<i>American Mineralogist</i> <b>92</b> (2007), 1685
Geigerite	$\text{Mn}^{2+}_5(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 10\text{H}_2\text{O}$	A	1985-028	Switzerland	<i>American Mineralogist</i> <b>74</b> (1989), 676	
Geikielite	$\text{MgTiO}_3$	G	1893	Sri Lanka	<i>Mineralogical Magazine</i> <b>10</b> (1893), 145	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1099
Gelosaite	$\text{BiMo}^{6+}_{(2-5x)}\text{Mo}^{5+}_{6x}\text{O}_7(\text{OH}) \cdot \text{H}_2\text{O}$ ( $0 < x < 0.4$ )	A	2009-022	Italy	<i>American Mineralogist</i> <b>96</b> (2011), 268	
Geminite	$\text{Cu}^{2+}(\text{AsO}_3\text{OH}) \cdot \text{H}_2\text{O}$	A	1988-045	France	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>70</b> (1990), 309	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1111
Gengenbachite	$\text{KFe}_3(\text{H}_2\text{PO}_4)_2(\text{HPO}_4)_4 \cdot 6\text{H}_2\text{O}$	A	2001-003b	Germany	<i>Aufschluss</i> <b>58</b> (2007), 125	<i>Canadian Mineralogist</i> <b>51</b> (2013), 223
Genkinite	$\text{Pt}_4\text{Sb}_3$	A	1976-051	South Africa	<i>Canadian Mineralogist</i> <b>15</b> (1977), 389	<i>Canadian Mineralogist</i> <b>26</b> (1988), 979
Genplesite	$\text{Ca}_3\text{Sn}(\text{SO}_4)_2(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	A	2014-034	Russia	CNMNC Newsletter 21 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 797	
Genthelvite	$\text{Be}_3\text{Zn}_4(\text{SiO}_4)_3\text{S}$	G	1944	USA	<i>American Mineralogist</i> <b>29</b> (1944), 163	<i>American Mineralogist</i> <b>70</b> (1985), 186
Geocronite	$\text{Pb}_{14}(\text{Sb,As})_6\text{S}_{23}$	G	1841	Sweden	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> (1841), 184	<i>American Mineralogist</i> <b>61</b> (1976), 963
Georgbarsanovite	$\text{Na}_{12}(\text{Mn,Sr,REE})_3\text{Ca}_6\text{Fe}^{2+}_3\text{Zr}_3\text{NbSi}_{25}\text{O}_{76}\text{Cl}_2 \cdot \text{H}_2\text{O}$	A	2003-013	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(6)</b> (2005), 47	
Georgbokiite	$\text{Cu}_5\text{O}_2(\text{Se}^{4+}\text{O}_3)_2\text{Cl}_2$	A	1996-015	Russia	<i>Doklady Akademii Nauk</i> <b>364</b> (1999), 527	<i>Zeitschrift für Kristallographie</i> <b>214</b> (1999), 135
Georgechaoite	$\text{KNaZrSi}_3\text{O}_9 \cdot 2\text{H}_2\text{O}$	A	1984-024	USA	<i>Canadian Mineralogist</i> <b>23</b> (1985), 1	<i>Canadian Mineralogist</i> <b>23</b> (1985), 5
George-ericksenite	$\text{Na}_6\text{CaMg}(\text{IO}_3)_6(\text{CrO}_4)_2 \cdot 12\text{H}_2\text{O}$	Rn	1996-049	Chile	<i>American Mineralogist</i> <b>83</b> (1998), 390	
Georgeite	$\text{Cu}_2(\text{CO}_3)(\text{OH})_2$	Rd	1977-004	Australia	<i>Mineralogical Magazine</i> <b>43</b> (1979), 97	<i>Mineralogical Magazine</i> <b>55</b> (1991), 163
Georgerobinsonite	$\text{Pb}_4(\text{CrO}_4)_2(\text{OH})_2\text{FCl}$	A	2009-068	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 865	
Georgiadesite	$\text{Pb}_4(\text{As}^{3+}\text{O}_3)\text{Cl}_4(\text{OH})$	G	1907	Greece	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>145</b> (1907), 783	<i>Mineralogical Magazine</i> <b>64</b> (2000), 879
Gerasimovskite	$\text{Mn}^{2+}(\text{Ti,Nb})_5\text{O}_{12} \cdot 9\text{H}_2\text{O}$ (?)	G	1957	Russia	<i>Akademiya Nauk SSSR, Trudy Institut Mineralogii, Geokhimii i Kristalloghimii Redkikh Elementov</i> <b>1</b> (1957), 41	
Gertremmelite	$\text{ZnAl}_2(\text{AsO}_4)(\text{OH})_5$	A	1983-049a	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 1	
Gerenite-(Y)	$(\text{Ca,Na},\square)_2\text{Y}_3\text{Si}_6\text{O}_{18} \cdot 2\text{H}_2\text{O}$	A	1993-034	Canada	<i>Canadian Mineralogist</i> <b>36</b> (1998), 793	<i>Canadian Mineralogist</i> <b>36</b> (1998), 801
Gerhardtite	$\text{Cu}_2(\text{NO}_3)(\text{OH})_3$	G	1885	USA	<i>American Journal of Science</i> <b>130</b> (1885), 50	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1447
Germanite	$\text{Cu}_{13}\text{Fe}_2\text{Ge}_2\text{S}_{16}$	G	1922	Namibia	<i>Metall und Erz</i> <b>19</b> (1922), 324	<i>American Mineralogist</i> <b>69</b> (1984), 943
Germanocolusite	$\text{Cu}_{13}\text{VGe}_3\text{S}_{16}$	A	1991-044	Russia	<i>Vestnik Moskovskogo Universiteta, Ser. 4 Geologiya</i> <b>1992(6)</b> , 50	<i>New Data on Minerals</i> <b>38</b> (2003), 41
Gersdorffite- <i>P</i> 2 <sub>1</sub> 3	NiAsS	Rd	1986 s.p.	Austria	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Mineralogical Magazine</i> <b>36</b> (1967), 38
Gersdorffite- <i>Pa</i> 3	NiAsS	Rd	1986 s.p.	Austria	<i>Canadian Mineralogist</i> <b>24</b> (1986), 27	<i>American Mineralogist</i> <b>53</b> (1968), 290
Gersdorffite- <i>Pca</i> 2 <sub>1</sub>	NiAsS	Rd	1986 s.p.	Austria	<i>Canadian Mineralogist</i> <b>24</b> (1986), 27	<i>American Mineralogist</i> <b>67</b> (1982), 1058
Gerstleyite	$\text{Na}_2(\text{Sb,As})_8\text{S}_{13} \cdot 2\text{H}_2\text{O}$	G	1956	USA	<i>American Mineralogist</i> <b>41</b> (1956), 839	<i>Chemistry Letters</i> <b>10</b> (1981), 1327
Gerstmannite	$\text{Mn}^{2+}\text{MgZn}(\text{SiO}_4)(\text{OH})_2$	A	1975-030	USA	<i>American Mineralogist</i> <b>62</b> (1977), 51	

Geschieberite	$K_2(UO_2)(SO_4)_2 \cdot 2H_2O$	A	2014-006	Czech Republic	<i>Mineralogical Magazine</i> <b>79</b> (2015), 205	
Getchellite	$SbAsS_3$	A	1965-010	USA	<i>American Mineralogist</i> <b>50</b> (1965), 1817	<i>American Mineralogist</i> <b>89</b> (2004), 696
Geversite	$PtSb_2$	A	1967 s.p.	South Africa	<i>Mineralogical Magazine</i> <b>32</b> (1961), 833	
Ghiaraite	$CaCl_2 \cdot 4H_2O$	A	2012-072	Italy	<i>American Mineralogist</i> <b>99</b> (2014), 519	
Gianellaite	$(Hg_2N)_2(SO_4)(H_2O)_x$	A	1972-020	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 119	<i>Mineralogical Magazine</i> <b>80</b> (2016), 869
Gibbsite	$Al(OH)_3$	A	1962 s.p.	USA	<i>New-York Medical and Physical Journal</i> <b>1</b> (1822), 68	<i>Zeitschrift für Kristallographie</i> <b>139</b> (1974), 129
Giessenite	$(Cu,Fe)_2Pb_{26.4}(Bi,Sb)_{19.6}S_{57}$	A	1963-004	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>43</b> (1963), 471	<i>Canadian Mineralogist</i> <b>24</b> (1986), 21
Giftgrubeite	$CaMn_2Ca_2(AsO_4)_2(AsO_3OH)_2 \cdot 4H_2O$	A	2016-102	France	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Gilalite	$Cu_5Si_6O_{17} \cdot 7H_2O$	A	1979-021	USA	<i>Mineralogical Magazine</i> <b>43</b> (1980), 639	
Gillardite	$Cu_3NiCl_2(OH)_6$	A	2006-041	Australia	<i>Australian Journal of Mineralogy</i> <b>13</b> (2007), 15	<i>Canadian Mineralogist</i> <b>45</b> (2007), 317
Gillespite	$BaFe^{2+}Si_4O_{10}$	A	1922	USA	<i>Journal of the Washington Academy of Sciences</i> <b>12</b> (1922), 7	<i>American Mineralogist</i> <b>59</b> (1974), 1166
Gillulyite	$Tl_2As_{7.5}Sb_{0.3}S_{13}$	A	1989-029	USA	<i>American Mineralogist</i> <b>76</b> (1991), 653	<i>American Mineralogist</i> <b>84</b> (1999), 400
Gilmarite	$Cu^{2+}_3(AsO_4)(OH)_3$	A	1996-017	France	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 549	
Giniite	$Fe^{2+}Fe^{3+}_4(PO_4)_4(OH)_2 \cdot 2H_2O$	A	1977-017	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 49	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 561
Ginorite	$Ca_2B_{14}O_{20}(OH)_6 \cdot 5H_2O$	G	1934	Italy	<i>Periodico di Mineralogia</i> <b>5</b> (1934), 22	<i>American Mineralogist</i> <b>42</b> (1957), 56
Giorgiosite	$Mg_5(CO_3)_4(OH)_2 \cdot 5H_2O$	Q	1905	Greece	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>140</b> (1905), 1308	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1975), 196
Giraudite	$Cu_6[Cu_4(Fe,Zn)_2]As_4Se_{13}$	A	1980-089	France	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>29</b> (1982), 151	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1161
Girvasite	$NaCa_2Mg_3(PO_4)_2[PO_2(OH)_2](CO_3)(OH)_2 \cdot 4H_2O$	A	1988-046	Russia	<i>Mineralogicheskii Zhurnal</i> <b>12(3)</b> (1990), 79	<i>Doklady Akademii Nauk SSSR</i> <b>311</b> (1990), 1372
Gismondine	$Ca_2(Si_4Al_4)O_{16} \cdot 8H_2O$	A	1997 s.p.	Italy	<i>Taschenbuch für die gesammte Mineralogie</i> <b>11</b> (1817), 164	<i>Bulletin de Minéralogie</i> <b>107</b> (1984), 805
Gittinsite	$CaZrSi_2O_7$	A	1979-034	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 201	<i>Canadian Mineralogist</i> <b>27</b> (1989), 703
Giuseppettite	$Na_{42}K_{16}Ca_6Si_{48}Al_{48}O_{192}(SO_4)_{10}Cl_2 \cdot 5H_2O$	A	1979-064	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 103	<i>Microporous and Mesoporous Materials</i> <b>73</b> (2004), 129
Gjerdingenite-Ca	$K_2Ca(Nb,Ti)_4(Si_4O_{12})_2(O,OH)_4 \cdot 6H_2O$	A	2005-029	Russia	<i>Canadian Mineralogist</i> <b>45</b> (2007), 529	<i>Doklady Chemistry</i> <b>414</b> (2007), 109
Gjerdingenite-Fe	$K_2Fe(Nb,Ti)_4(Si_4O_{12})_2(O,OH)_4 \cdot 6H_2O$	A	2001-009	Norway	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1629	
Gjerdingenite-Mn	$K_2Mn(Nb,Ti)_4(Si_4O_{12})_2(O,OH)_4 \cdot 6H_2O$	A	2003-015	Norway	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 979	
Gjerdingenite-Na	$K_2Na(Nb,Ti)_4(Si_4O_{12})_2(OH,O)_4 \cdot 5H_2O$	A	2005-030	Canada	<i>Canadian Mineralogist</i> <b>45</b> (2007), 529	<i>Doklady Chemistry</i> <b>414</b> (2007), 109
Gladite	$CuPbBi_5S_9$	G	1924	Sweden	<i>Arkiv för Kemi, Mineralogi och Geologi</i> <b>9</b> (1924), 17	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1147
Gladusite	$Fe^{3+}_2Fe^{2+}_4(PO_4)(OH)_{11} \cdot H_2O$	A	1998-011	Russia	<i>Canadian Mineralogist</i> <b>38</b> (2000), 1477	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1121
Glagolevite	$Na(Mg,Al)_6(Si_3Al)O_{10}(OH,O)_8$	A	2001-064	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(1)</b> (2003), 67	<i>American Mineralogist</i> <b>89</b> (2004), 1138



Glauberite	$\text{Na}_2\text{Ca}(\text{SO}_4)_2$	G	1808	Spain	<i>Journal des Mines</i> <b>23</b> (1808), 5	<i>Zeitschrift für Kristallographie</i> <b>122</b> (1965), 175
Glaucocerinite	$(\text{Zn}_{1-x}\text{Al}_x)(\text{SO}_4)_{x/2}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ ( $x < 0.5$ , $n > 3x/2$ )	G	1932	Greece	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> <b>1</b> (1932), 13	<i>Mineralogical Magazine</i> <b>49</b> (1985), 583
Glaucocroite	$\text{CaMn}^{2+}(\text{SiO}_4)$	G	1899	USA	<i>American Journal of Science</i> <b>8</b> (1899), 339	<i>American Mineralogist</i> <b>63</b> (1978), 365
Glaucodot	$(\text{Co}_{0.5}\text{Fe}_{0.5})\text{AsS}$	G	1849	Chile	<i>Annalen der Physik und Chemie</i> <b>153</b> (1849), 127	<i>American Mineralogist</i> <b>93</b> (2008), 1183
Glaucophane	$\square\text{Na}_2(\text{Mg}_3\text{Al}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Greece	<i>Journal für Praktische Chemie</i> <b>34</b> (1845), 238	<i>American Mineralogist</i> <b>53</b> (1968), 1156
Glaukosphaerite	$\text{CuNi}(\text{CO}_3)(\text{OH})_2$	A	1972-028	Australia	<i>Mineralogical Magazine</i> <b>39</b> (1974), 737	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 787
Glucine	$\text{CaBe}_4(\text{PO}_4)_2(\text{OH})_4 \cdot 0.5\text{H}_2\text{O}$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 691	
Glushinskite	$\text{Mg}(\text{C}_2\text{O}_4) \cdot 2\text{H}_2\text{O}$	Rd	1987 s.p.	Russia	<i>Izvestiya Akademii Nauk SSSR</i> (1960), 93	<i>Mineralogical Magazine</i> <b>43</b> (1980), 837
Gmelinite-Ca	$\text{Ca}_2(\text{Si}_8\text{Al}_4)\text{O}_{24} \cdot 11\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1978), 310	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1982), 145
Gmelinite-K	$\text{K}_4(\text{Si}_8\text{Al}_4)\text{O}_{24} \cdot 11\text{H}_2\text{O}$	A	1999-039	Russia / Italy	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 65	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 504
Gmelinite-Na	$\text{Na}_4(\text{Si}_8\text{Al}_4)\text{O}_{24} \cdot 11\text{H}_2\text{O}$	Rn	1997 s.p.	United Kingdom / Italy	<i>Edinburgh Journal of Sciences</i> <b>2</b> (1825), 262	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1982), 145
Gobbinsite	$\text{Na}_5(\text{Si}_{11}\text{Al}_5)\text{O}_{32} \cdot 11\text{H}_2\text{O}$	A	1980-070	United Kingdom	<i>Mineralogical Magazine</i> <b>46</b> (1982), 365	<i>American Mineralogist</i> <b>95</b> (2010), 481
Godlevskite	$(\text{Ni},\text{Fe})_9\text{S}_8$	A	1968-032	Russia	<i>Geologiya Rudnykh Mestorozhdeniy</i> <b>11</b> (1969), 115	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 863
Godovikovite	$(\text{NH}_4)\text{Al}(\text{SO}_4)_2$	A	1987-019	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>117</b> (1988), 208	<i>Annales De Chimie - Science Des Materiaux</i> <b>33</b> (2008), 379
Goedkenite	$\text{Sr}_2\text{Al}(\text{PO}_4)_2(\text{OH})$	A	1974-004	USA	<i>American Mineralogist</i> <b>60</b> (1975), 957	
Goethite	$\text{FeO}(\text{OH})$	A	1980 s.p.	Germany	Tabellen über das gesammte Mineralreich. Göpferdt, Jena (1806), 46	<i>American Mineralogist</i> <b>84</b> (1999), 895
Gold	Au	G	?	unknown	original paper?	<i>Journal of Materials Science</i> <b>23</b> (1988), 757
Goldfieldite	$\text{Cu}_{10}\text{Te}_4\text{S}_{13}$	Rd	1998 s.p.	USA	<i>U.S. Geological Survey Professional Paper</i> <b>66</b> (1909), 165	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1115
Goldichite	$\text{KFe}^{3+}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 469	<i>American Mineralogist</i> <b>56</b> (1971), 1917
Goldmanite	$\text{Ca}_3\text{V}^{3+}_2(\text{SiO}_4)_3$	A	1963-003	USA	<i>American Mineralogist</i> <b>49</b> (1964), 644	<i>American Mineralogist</i> <b>56</b> (1971), 791
Goldquarryite	$\text{CuCd}_2\text{Al}_3(\text{PO}_4)_4\text{F}_3 \cdot 10\text{H}_2\text{O}$	A	2001-058	USA	<i>Mineralogical Record</i> <b>34</b> (2003), 237	<i>Canadian Mineralogist</i> <b>42</b> (2004), 753
Golyshevite	$\text{Na}_{10}\text{Ca}_9\text{Zr}_3\text{Fe}_2\text{SiNb}(\text{Si}_3\text{O}_9)_2(\text{Si}_9\text{O}_{27})_2(\text{OH})_3(\text{CO}_3) \cdot \text{H}_2\text{O}$	A	2004-039	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(6)</b> (2005), 36	<i>Crystallography Reports</i> <b>50</b> (2005), 539
Gonnardite	$(\text{Na},\text{Ca})_2(\text{Si},\text{Al})_5\text{O}_{10} \cdot 3\text{H}_2\text{O}$	Rd	1997 s.p.	France	<i>Bulletin de la Société Minéralogique de France</i> <b>19</b> (1896), 426	<i>Materials Science Forum</i> <b>79-82</b> (1991), 845
Gonyerite	$\text{Mn}^{2+}_5\text{Fe}^{3+}(\text{Si}_3\text{Fe}^{3+}\text{O}_{10})(\text{OH})_8$	G	1955	Sweden	<i>American Mineralogist</i> <b>40</b> (1955), 1090	
Goosecreekite	$\text{Ca}(\text{Si}_6\text{Al}_2)\text{O}_{16} \cdot 5\text{H}_2\text{O}$	A	1980-004	USA	<i>Canadian Mineralogist</i> <b>18</b> (1980), 323	<i>American Mineralogist</i> <b>71</b> (1986), 1494
Gorbunovite	$\text{CsLi}_2(\text{Ti},\text{Fe})\text{Si}_4\text{O}_{10}(\text{F},\text{OH},\text{O})_2$	A	2017-040	Tajikistan	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	

Gorceixite	BaAl <sub>3</sub> (PO <sub>4</sub> )(PO <sub>3</sub> OH)(OH) <sub>6</sub>	G	1906	Brazil	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>25</b> (1906), 335	<i>Canadian Mineralogist</i> <b>44</b> (2006), 155
Gordaite	NaZn <sub>4</sub> (SO <sub>4</sub> )(OH) <sub>6</sub> Cl·6H <sub>2</sub> O	A	1996-006	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1997), 155	<i>Zeitschrift für Kristallographie</i> <b>212</b> (1997), 704
Gordonite	MgAl <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	G	1930	USA	<i>American Mineralogist</i> <b>15</b> (1930), 307	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 265
Görgeyite	K <sub>2</sub> Ca <sub>5</sub> (SO <sub>4</sub> ) <sub>6</sub> ·H <sub>2</sub> O	G	1953	Austria	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1953), 35	<i>American Mineralogist</i> <b>89</b> (2004), 266
Gormanite	Fe <sup>2+</sup> <sub>3</sub> Al <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>6</sub> ·2H <sub>2</sub> O	A	1977-030	Canada	<i>Canadian Mineralogist</i> <b>19</b> (1981), 381	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 719
Gortdrumite	Cu <sub>18</sub> FeHg <sub>6</sub> S <sub>16</sub>	A	1979-039	Ireland	<i>Mineralogical Magazine</i> <b>47</b> (1983), 35	
Goryainovite	Ca <sub>2</sub> (PO <sub>4</sub> )Cl	A	2015-090	Sweden	CNMNC Newsletter 29 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 199	
Goslarite	Zn(SO <sub>4</sub> )·7H <sub>2</sub> O	G	1845	Germany	Handbuch der bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 490	
Gottardiite	Na <sub>3</sub> Mg <sub>3</sub> Ca <sub>5</sub> Al <sub>19</sub> Si <sub>117</sub> O <sub>272</sub> ·93H <sub>2</sub> O	A	1994-054	Antarctica	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 687	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 69
Gottlobite	CaMg(VO <sub>4</sub> )(OH)	A	1998-066	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 444	
Götzenite	Ca <sub>4</sub> NaCa <sub>2</sub> Ti(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (OF)F <sub>2</sub>	Rd	2016 s.p.	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>31</b> (1957), 503	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 957
Goudeyite	Cu <sub>6</sub> Al(AsO <sub>4</sub> ) <sub>3</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	1978-015	USA	<i>American Mineralogist</i> <b>63</b> (1978), 704	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>61</b> (1981), 173
Gowerite	Ca[B <sub>5</sub> O <sub>8</sub> (OH)][B(OH) <sub>3</sub> ]·3H <sub>2</sub> O	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 911	<i>American Mineralogist</i> <b>57</b> (1972), 381
Goyazite	SrAl <sub>3</sub> (PO <sub>4</sub> )(PO <sub>3</sub> OH)(OH) <sub>6</sub>	Rd	1999 s.p.	Brazil	<i>Bulletin de la Société Minéralogique de France</i> <b>7</b> (1884), 204	<i>Mineralogical Journal</i> <b>13</b> (1987), 390
Graemite	Cu <sup>2+</sup> (Te <sup>4+</sup> O <sub>3</sub> )·H <sub>2</sub> O	A	1974-022	USA	<i>Mineralogical Record</i> <b>6</b> (1975), 32	
Graeserite	Fe <sup>3+</sup> <sub>4</sub> Ti <sub>3</sub> As <sup>3+</sup> O <sub>13</sub> (OH)	A	1996-010	Switzerland	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1083	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>78</b> (1998), 1
Graftonite	Fe <sup>2+</sup> Fe <sup>2+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub>	Rd	1900	USA	<i>American Journal of Science</i> <b>159</b> (1900), 20	<i>American Mineralogist</i> <b>53</b> (1968), 742
Graftonite-(Ca)	CaFe <sup>2+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub>	A	2017-048	Poland	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Graftonite-(Mn)	MnFe <sup>2+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub>	A	2017-050	Poland	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Gramaccioliite-(Y)	(Pb,Sr)(Y,Mn)Fe <sup>3+</sup> <sub>2</sub> (Ti,Fe <sup>3+</sup> ) <sub>18</sub> O <sub>38</sub>	A	2001-034	Italy	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 171	
Grandaite	Sr <sub>2</sub> Al(AsO <sub>4</sub> ) <sub>2</sub> (OH)	A	2013-059	Italy	<i>Mineralogical Magazine</i> <b>78</b> (2014), 757	
Grandidierite	MgAl <sub>3</sub> O <sub>2</sub> (BO <sub>3</sub> )(SiO <sub>4</sub> )	G	1902	Madagascar	<i>Bulletin de la Société Française de Minéralogie</i> <b>25</b> (1902), 85	<i>American Mineralogist</i> <b>92</b> (2007), 863
Grandreefite	Pb <sub>2</sub> (SO <sub>4</sub> )F <sub>2</sub>	A	1988-016	USA	<i>American Mineralogist</i> <b>74</b> (1989), 927	<i>American Mineralogist</i> <b>76</b> (1991), 278
Grandviewite	Cu <sub>3</sub> Al <sub>9</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>29</sub>	A	2007-004	USA	<i>Australian Journal of Mineralogy</i> <b>14</b> (2008), 51	

Grantsite	$(\text{Na,Ca})_{2+x}(\text{V}^{5+}, \text{V}^{4+})_6\text{O}_{16}\cdot 4\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>49</b> (1964), 1511	
Graphite	C	G	1789	unknown	<i>Bergmannisches Journal</i> <b>1</b> (1789), 369	<i>Australian Journal of Chemistry</i> <b>42</b> (1989), 479
Graťjanite	$\text{MnBi}_2\text{S}_4$	A	2013-076	Romania	<i>American Mineralogist</i> <b>99</b> (2014), 1163	
Gratonite	$\text{Pb}_9\text{As}_4\text{S}_{15}$	G	1939	Peru	<i>American Mineralogist</i> <b>24</b> (1939), 136	<i>Zeitschrift für Kristallographie</i> <b>128</b> (1969), 321
Grattarolaite	$\text{Fe}^{3+}_3\text{O}_3(\text{PO}_4)$	A	1995-037	Italy	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 1101	<i>Journal of Solid State Chemistry</i> <b>47</b> (1983), 245
Graulichite-(Ce)	$\text{CeFe}^{3+}_3(\text{AsO}_4)_2(\text{OH})_6$	A	2002-001	Belgium	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 733	
Gravegliaite	$\text{Mn}^{2+}(\text{S}^{4+}\text{O}_3)\cdot 3\text{H}_2\text{O}$	A	1990-020	Italy	<i>Zeitschrift für Kristallographie</i> <b>197</b> (1991), 97	
Grayite	$(\text{Th,Pb,Ca})(\text{PO}_4)\cdot \text{H}_2\text{O}$	G	1957	Zimbabwe	<i>Geological Survey of Great Britain</i> (1957), 67	
Grechishchevite	$\text{Hg}_3\text{S}_2\text{BrCl}_{0.5}\text{I}_{0.5}$	A	1988-027	Russia	<i>Geologiya i Geofizika</i> <b>30</b> (1989), 61	
Greenalite	$(\text{Fe}^{2+}, \text{Fe}^{3+})_{2-3}\text{Si}_2\text{O}_5(\text{OH})_4$	G	1903	USA	<i>U.S. Geological Survey Monograph</i> <b>43</b> (1903)	<i>Canadian Mineralogist</i> <b>20</b> (1982), 1
Greenlizardite	$(\text{NH}_4)\text{Na}(\text{UO}_2)_2(\text{SO}_4)_2(\text{OH})_2\cdot 4\text{H}_2\text{O}$	A	2017-001	USA	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Greenockite	CdS	G	1840	United Kingdom	<i>The Edinburgh New Philosophical Journal</i> <b>28</b> (1840), 390	<i>Physical Review B</i> <b>48</b> (1993), 4335
Greenwoodite	$\text{Ba}_{2-x}(\text{V}^{3+}\text{OH})_x\text{V}^{3+}_9(\text{Fe}^{3+}, \text{Fe}^{2+})_2\text{Si}_2\text{O}_{22}$	A	2010-007	Canada	<i>Canadian Mineralogist</i> <b>50</b> (2012), 1233	
Gregoryite	$\text{Na}_2(\text{CO}_3)$	A	1981-045	Tanzania	<i>Lithos</i> <b>13</b> (1980), 213	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>137(4)</b> (2008), 101
Greifensteinite	$\text{Ca}_2\text{Be}_4\text{Fe}^{2+}_5(\text{PO}_4)_6(\text{OH})_4\cdot 6\text{H}_2\text{O}$	A	2001-044	Germany	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(4)</b> (2002), 47	<i>Doklady Chemistry</i> <b>383</b> (2002), 78
Greigite	$\text{Fe}^{2+}\text{Fe}^{3+}_2\text{S}_4$	A	1963-007	USA	<i>American Mineralogist</i> <b>49</b> (1964), 543	<i>Mineralogical Magazine</i> <b>81</b> (2017), 857
Grenmarite	$\text{Na}_2\text{Zr}_2\text{Na}_2\text{MnZr}(\text{Si}_2\text{O}_7)_2\text{O}_2\text{F}_2$	Rd	2003-024	Norway	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 971	
Griceite	LiF	A	1986-043	Canada	<i>Canadian Mineralogist</i> <b>27</b> (1989), 125	
Grigorievite	$\text{Cu}_3\text{Fe}^{3+}_2\text{Al}_2(\text{VO}_4)_6$	A	2012-047	Russia	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 667	
Grimaldiite	CrO(OH)	A	1967-036	Guyana	<i>U.S. Geological Survey Professional Paper</i> <b>887</b> (1976), 1	<i>Mineralogical Magazine</i> <b>48</b> (1984), 560
Grimselite	$\text{K}_3\text{Na}(\text{UO}_2)(\text{CO}_3)_3\cdot \text{H}_2\text{O}$	A	1971-040	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>52</b> (1972), 93	<i>Mineralogical Magazine</i> <b>76</b> (2012), 443
Griphite	$\text{Ca}(\text{Mn}^{2+}, \text{Na}, \text{Li})_6\text{Fe}^{2+}\text{Al}_2(\text{PO}_4)_6(\text{F}, \text{OH})_2$	G	1891	USA	<i>American Journal of Science</i> <b>141</b> (1891), 415	<i>Bulletin de Minéralogie</i> <b>101</b> (1978), 543
Grischunite	$\text{NaCa}_2\text{Mn}^{2+}_5\text{Fe}^{3+}(\text{AsO}_4)_6\cdot 2\text{H}_2\text{O}$	A	1981-028	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>64</b> (1984), 1	<i>American Mineralogist</i> <b>72</b> (1987), 1225
Groatite	$\text{NaCaMn}_2(\text{PO}_4)[\text{PO}_3(\text{OH})]_2$	A	2008-054	Canada	<i>Canadian Mineralogist</i> <b>47</b> (2009), 1225	
Grootfonteinite	$\text{Pb}_3\text{O}(\text{CO}_3)_2$	A	2015-051	Namibia	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	

Grossite	$\text{CaAl}_4\text{O}_7$	A	1993-052	Algeria (meteorite) / Israel	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 591	
Grossmanite	$\text{Ca}(\text{Ti}^{3+}, \text{Mg}, \text{Ti}^{4+})\text{AlSiO}_6$	A	2008-042a	Mexico (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 1491	
Grossular	$\text{Ca}_3\text{Al}_2(\text{SiO}_4)_3$	A	1962 s.p.	Russia	Handbuch der Mineralogie, Vol. 1. Craz & Gerlach (1811), 479	<i>American Mineralogist</i> <b>56</b> (1971), 791
Groutite	$\text{Mn}^{3+}\text{O}(\text{OH})$	G	1945	USA	<i>American Mineralogist</i> <b>32</b> (1947), 654	<i>Journal of Solid State Chemistry</i> <b>133</b> (1997), 486
Grumantite	$\text{NaSi}_2\text{O}_4(\text{OH})\cdot\text{H}_2\text{O}$	A	1985-029	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 244	<i>Zeitschrift für Kristallographie</i> <b>185</b> (1988), 612
Grumiplucite	$\text{HgBi}_2\text{S}_4$	A	1997-021	Italy	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1321	<i>Acta Crystallographica</i> <b>B36</b> (1980), 1300
Grundmannite	$\text{CuBiSe}_2$	A	2015-038	Bolivia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 467	
Grunerite	$\square\text{Fe}^{2+}_2\text{Fe}^{2+}_5\text{Si}_6\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	France	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 62	<i>Mineralogical Society of America Special Paper</i> <b>2</b> (1969), 95
Gruzdevite	$\text{Cu}_6\text{Hg}_3\text{Sb}_4\text{S}_{12}$	A	1980-053	Kyrgyzstan	<i>Doklady Akademii Nauk SSSR</i> <b>261</b> (1981), 971	
Guanacoite	$\text{Cu}_2\text{Mg}_3(\text{OH})_4(\text{AsO}_4)_2\cdot 4\text{H}_2\text{O}$	A	2003-021	Chile	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 813	
Guanajuatite	$\text{Bi}_2\text{Se}_3$	G	1873	Mexico	<i>La República</i> <b>6(40)</b> (1873), 3	<i>Kristallografiya</i> <b>18</b> (1973), 173
Guanine	$\text{C}_5\text{H}_3(\text{NH}_2)\text{N}_4\text{O}$	A	1973-056	Peru	<i>Mineralogical Magazine</i> <b>39</b> (1974), 889	<i>Acta Crystallographica</i> <b>B27</b> (1971), 2358
Guarinoite	$\text{Zn}_6(\text{SO}_4)(\text{OH})_{10}\cdot 5\text{H}_2\text{O}$	A	1991-005	France	<i>Archives de Sciences de Genève</i> <b>46</b> (1993), 37	<i>Journal of Solid State Chemistry</i> <b>182</b> (2009), 2350
Gudmundite	$\text{FeSbS}$	G	1928	Sweden	<i>Zeitschrift für Kristallographie</i> <b>68</b> (1928), 87	<i>American Mineralogist</i> <b>24</b> (1939), 183
Guérinite	$\text{Ca}_5(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2\cdot 9\text{H}_2\text{O}$	Rn	2007 s.p.	Germany	<i>Materialy Vsesoyuznogo Nauchno-Issledovatel'skogo Geologicheskogo Instituta</i> <b>45</b> (1961), 113	<i>Acta Crystallographica</i> <b>B30</b> (1974), 1789
Guettardite	$\text{Pb}_8(\text{Sb}_{0.56}\text{As}_{0.44})_{16}\text{S}_{32}$	A	1966-018	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	<i>Canadian Mineralogist</i> <b>50</b> (2012), 253
Gugiaite	$\text{Ca}_2\text{BeSi}_2\text{O}_7$	A	1983-072	China	<i>Scientia Sinica</i> <b>11</b> (1962), 977	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>143</b> (1982), 210
Guidottiite	$\text{Mn}_2\text{Fe}^{3+}(\text{SiFe}^{3+})\text{O}_5(\text{OH})_4$	A	2009-061	South Africa	<i>Clays and Clay Minerals</i> <b>58</b> (2010), 364	
Guildite	$\text{CuFe}^{3+}(\text{SO}_4)_2(\text{OH})\cdot 4\text{H}_2\text{O}$	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 203	<i>American Mineralogist</i> <b>63</b> (1978), 478
Guilleminite	$\text{Ba}(\text{UO}_2)_3(\text{Se}^{4+}\text{O}_3)_2\text{O}_2\cdot 3\text{H}_2\text{O}$	A	1964-031	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>88</b> (1965), 132	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1103
Guimarãesite	$\text{Ca}_2\text{Be}_4\text{Zn}_5(\text{PO}_4)_6(\text{OH})_4\cdot 6\text{H}_2\text{O}$	A	2006-028	Brazil	<i>New Data on Minerals</i> <b>42</b> (2007), 11	
Gunningite	$\text{Zn}(\text{SO}_4)\cdot\text{H}_2\text{O}$	A	1962 s.p.	Canada	<i>Canadian Mineralogist</i> <b>7</b> (1962), 209	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 296
Günterblässite	$(\text{K}, \text{Ca}, \text{Ba}, \text{Na}, \square)_3\text{Fe}[(\text{Si}, \text{Al})_{13}\text{O}_{25}(\text{OH}, \text{O})_4]\cdot 7\text{H}_2\text{O}$	A	2011-032	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(1)</b> (2012), 71	<i>Doklady Chemistry</i> <b>442</b> (2012), 57
Gunterite	$\text{Na}_4(\text{H}_2\text{O})_{16}(\text{H}_2\text{V}_{10}\text{O}_{28})\cdot 6\text{H}_2\text{O}$	A	2011-001	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1243	
Gupeite	$\text{Fe}_3\text{Si}$	A	1983-087	China	<i>Acta Petrologica Mineralogica et Analytica</i> <b>3</b> (1984), 231	

Gurimite	Ba <sub>3</sub> (VO <sub>4</sub> ) <sub>2</sub>	A	2013-032	Israel	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1009	
Gustavite	AgPbBi <sub>3</sub> S <sub>6</sub>	A	1967-048	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>10</b> (1970), 173	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 537
Gutkovaite-Mn	CaK <sub>2</sub> Mn(Ti,Nb) <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (O,OH) <sub>4</sub> ·5H <sub>2</sub> O	A	2001-038	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(2)</b> (2002), 51	<i>Crystallography Reports</i> <b>46</b> (2001), 415
Guyanaite	CrO(OH)	A	1967-034	Guyana	<i>U.S. Geological Survey Professional Paper</i> <b>887</b> (1976), 1	<i>Journal of Solid State Chemistry</i> <b>19</b> (1976), 299
Gwihabaite	(NH <sub>4</sub> )(NO <sub>3</sub> )	A	1994-011	Botswana	<i>Bulletin of the South African Speleological Association</i> <b>36</b> (1996), 19	
Gypsum	Ca(SO <sub>4</sub> )·2H <sub>2</sub> O	G	?	unknown	original paper?	<i>American Mineralogist</i> <b>93</b> (2008), 1530
Gyrolite	NaCa <sub>16</sub> (Si <sub>23</sub> Al)O <sub>60</sub> (OH) <sub>8</sub> ·14H <sub>2</sub> O	G	1851	United Kingdom	<i>Philosophical Magazine and Journal of Science</i> <b>1</b> (1851), 111	<i>Mineralogical Magazine</i> <b>52</b> (1988), 377
Gysinite-(Nd)	PbNd(CO <sub>3</sub> ) <sub>2</sub> (OH)·H <sub>2</sub> O	A	1981-046	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>70</b> (1985), 1314	<i>Zeitschrift für Kristallographie</i> <b>171</b> (1985), 155
Haapalaite	2[(Fe,Ni)S]·1.61[(Mg,Fe)(OH) <sub>2</sub> ]	A	1972-021	Finland	<i>Bulletin of the Geological Society of Finland</i> <b>45</b> (1973), 103	
Hafnon	Hf(SiO <sub>4</sub> )	A	1974-018	Mozambique	<i>Contributions to Mineralogy and Petrology</i> <b>48</b> (1974), 73	<i>American Mineralogist</i> <b>67</b> (1982), 804
Hagendorfite	NaCaMn <sup>2+</sup> Fe <sup>2+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub>	G	1954	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1954), 252	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 915
Haggertyite	BaFe <sup>2+</sup> <sub>4</sub> Fe <sup>3+</sup> <sub>2</sub> Ti <sub>5</sub> MgO <sub>19</sub>	A	1996-054	USA	<i>American Mineralogist</i> <b>83</b> (1998), 1323	
Häggite	V <sup>3+</sup> V <sup>4+</sup> O <sub>2</sub> (OH) <sub>3</sub>	G	1958	USA	<i>American Mineralogist</i> <b>45</b> (1960), 1144	<i>Journal of Mineralogy and Geochemistry</i> <b>192</b> (2015), 33
Haidingerite	Ca(AsO <sub>3</sub> OH)·H <sub>2</sub> O	G	1827	Czech Republic	<i>Edinburgh Journal of Science</i> <b>6</b> (1827), 317	<i>Acta Crystallographica</i> <b>B28</b> (1972), 209
Haigerachite	KFe <sup>3+</sup> <sub>3</sub> (H <sub>2</sub> PO <sub>4</sub> ) <sub>6</sub> (HPO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	A	1997-049	Germany	<i>Aufschluss</i> <b>50</b> (1999), 1	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>623</b> (1997), 1708
Haineaultite	(Na,Ca) <sub>5</sub> Ca(Ti,Nb) <sub>5</sub> Si <sub>12</sub> O <sub>34</sub> (OH,F) <sub>8</sub> ·5H <sub>2</sub> O	A	1997-015	Canada	<i>Canadian Mineralogist</i> <b>42</b> (2004), 769	
Hainite-(Y)	(Ca <sub>3</sub> Y)Na(NaCa)Ti(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (OF)F <sub>2</sub>	Rd	2016 s.p.	Czech Republic	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>13</b> (1893), 465	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1273
Haiweeite	Ca(UO <sub>2</sub> ) <sub>2</sub> (Si <sub>5</sub> O <sub>12</sub> )(OH) <sub>2</sub> ·6H <sub>2</sub> O	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 839	<i>American Mineralogist</i> <b>98</b> (2013), 718
Hakite	Cu <sub>6</sub> [Cu <sub>4</sub> Hg <sub>2</sub> ]Sb <sub>4</sub> Se <sub>13</sub>	A	1970-019	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 45	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1115
Halamishite	Ni <sub>5</sub> P <sub>4</sub>	A	2013-105	Israel	CNMNC Newsletter 19 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 165	
Håleniusite-(La)	LaOF	A	2003-028	Sweden	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1097	
Halite	NaCl	G	1847	unknown	Generum et Specierum Mineralium, Secundum Ordines Naturales Digestorum Synopsis. Anton, Halle (1847), 288	<i>Canadian Mineralogist</i> <b>28</b> (1990), 299
Hallimondite	Pb <sub>2</sub> (UO <sub>2</sub> )(AsO <sub>4</sub> ) <sub>2</sub> ·nH <sub>2</sub> O	A	1965-008	Germany	<i>American Mineralogist</i> <b>50</b> (1965), 1143	<i>American Mineralogist</i> <b>90</b> (2005), 240
Halloysite-10Å	Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> ·2H <sub>2</sub> O	G	1934	Algeria / Poland	<i>Angewandte Chemie</i> <b>47</b> (1934), 539	<i>American Mineralogist</i> <b>66</b> (1981), 997
Halloysite-7Å	Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	G	1826	Belgium	<i>Annales de Chimie et de Physique</i> <b>32</b> (1826), 332	<i>American Mineralogist</i> <b>40</b> (1955), 1110

Halotrichite	$\text{Fe}^{2+}\text{Al}_2(\text{SO}_4)_4 \cdot 22\text{H}_2\text{O}$	G	1839	unknown	Grundriss der Mineralogie, mit Einschluss der Geognosie und Petrefactenkunde. Schrag, Nurnberg (1839), 691	<i>Acta Geologica Hungarica</i> <b>29</b> (1986), 389
Halurgite	$\text{Mg}_2[\text{B}_4\text{O}_5(\text{OH})_4]_2 \cdot \text{H}_2\text{O}$	A	1967 s.p.	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>143</b> (1962), 693	<i>Kristallografiya</i> <b>9</b> (1964), 735
Hamborgite	$\text{Be}_2(\text{BO}_3)(\text{OH})$	G	1890	Norway	<i>Zeitschrift für Kristallographie</i> <b>16</b> (1890), 65	<i>American Mineralogist</i> <b>97</b> (2012), 1891
Hammarite	$\text{Cu}_2\text{Pb}_2\text{Bi}_4\text{S}_9$	G	1924	Sweden	<i>Arkiv för Kemi, Mineralogi och Geologi</i> <b>9</b> (1924), 1	<i>Canadian Mineralogist</i> <b>14</b> (1976), 536
Hanawaltite	$\text{Hg}^{1+}_6\text{Hg}^{2+}\text{O}_3\text{Cl}_2$	A	1994-036	USA	<i>Powder Diffraction</i> <b>11</b> (1996), 45	
Hancockite	$\text{CaPb}(\text{Al}_2\text{Fe}^{3+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	Rn	2006 s.p.	USA	<i>American Journal of Science</i> <b>8</b> (1899), 339	<i>American Mineralogist</i> <b>56</b> (1971), 447
Hanjiangite	$\text{Ba}_2\text{Ca}(\text{V}^{3+}\text{Al})(\text{AlSi}_3\text{O}_{10})(\text{OH})_2\text{F}(\text{CO}_3)_2$	A	2009-082	China	<i>American Mineralogist</i> <b>97</b> (2012), 281	
Hanksite	$\text{KNa}_{22}(\text{SO}_4)_9(\text{CO}_3)_2\text{Cl}$	G	1885	USA	<i>American Journal of Science</i> <b>130</b> (1885), 133	<i>American Mineralogist</i> <b>58</b> (1973), 799
Hannayite	$(\text{NH}_4)_2\text{Mg}_3(\text{PO}_3\text{OH})_4 \cdot 8\text{H}_2\text{O}$	G	1879	Australia	<i>Verhandlungen des naturhistorischen Vereins der preussischen Rheinlande und Westfalens</i> <b>36</b> (1879), 4	<i>Acta Crystallographica</i> <b>B32</b> (1976), 2842
Hannebachite	$\text{Ca}(\text{SO}_3) \cdot 0.5\text{H}_2\text{O}$	A	1983-056	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 241	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>401</b> (1973), 1
Hansblockite	$(\text{Cu},\text{Hg})(\text{Bi},\text{Pb})\text{Se}_2$	A	2015-103	Bolivia	<i>Mineralogical Magazine</i> <b>81</b> (2017), 629	
Hansesmarkite	$\text{Ca}_2\text{Mn}_2\text{Nb}_6\text{O}_{19} \cdot 20\text{H}_2\text{O}$	A	2015-067	Norway	<i>Mineralogical Magazine</i> <b>81</b> (2017), 543	
Hapkeite	$\text{Fe}_2\text{Si}$	A	2003-014	Oman	<i>Lunar and Planetary Science</i> <b>34</b> (2003), #1818	
Haradaite	$\text{SrV}^{4+}\text{Si}_2\text{O}_7$	A	1963-011	Japan	<i>Mineralogical Journal</i> <b>5</b> (1967), 98	<i>Proceedings of the Japan Academy, Ser. B</i> <b>58(2)</b> (1974), 21
Hardystonite	$\text{Ca}_2\text{ZnSi}_2\text{O}_7$	G	1899	USA	<i>Proceedings of the American Academy of Arts and Sciences</i> <b>34</b> (1899), 479	<i>Zeitschrift für Kristallographie</i> <b>130</b> (1969), 427
Harkerite	$\text{Ca}_{12}\text{Mg}_4\text{Al}(\text{CO}_3)_5(\text{BO}_3)_3(\text{SiO}_4)_4 \cdot \text{H}_2\text{O}$	G	1951	United Kingdom	<i>Geological Magazine</i> <b>85</b> (1948), 213	<i>American Mineralogist</i> <b>62</b> (1977), 263
Harmotome	$\text{Ba}_2(\text{Si}_{12}\text{Al}_4)\text{O}_{32} \cdot 12\text{H}_2\text{O}$	A	1997 s.p.	Germany	Traité de Minéralogie, Vol. 3. Louis, Paris (1801), 191	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 861
Harmunite	$\text{CaFe}_2\text{O}_4$	A	2012-045	Israel	<i>American Mineralogist</i> <b>99</b> (2014), 965	
Harrisonite	$\text{CaFe}^{2+}_6(\text{SiO}_4)_2(\text{PO}_4)_2$	A	1991-010	Canada	<i>Canadian Mineralogist</i> <b>31</b> (1993), 775	<i>Canadian Mineralogist</i> <b>31</b> (1993), 781
Harstigitite	$\text{Ca}_6\text{Be}_4\text{Mn}^{2+}(\text{SiO}_4)_2(\text{Si}_2\text{O}_7)_2(\text{OH})_2$	G	1886	Sweden	<i>Bihang till Kongl. Svenska Vetenskaps- Akademiens Handlingar</i> <b>12</b> (1886), 59	<i>Zeitschrift für Kristallographie</i> <b>177</b> (1986), 143
Hartite	$\text{C}_{20}\text{H}_{34}$	G	1841	Austria	<i>Annalen der Physik und Chemie</i> <b>54</b> (1841), 261	<i>American Mineralogist</i> <b>83</b> (1998), 1340
Hashemite	$\text{Ba}(\text{CrO}_4)$	A	1978-006	Jordan	<i>American Mineralogist</i> <b>68</b> (1983), 1223	<i>Acta Crystallographica</i> <b>C43</b> (1987), 1467
Hastingsite	$\text{NaCa}_2(\text{Fe}^{2+}_4\text{Fe}^{3+})(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Canada	<i>American Journal of Science</i> <b>151</b> (1896), 210	<i>American Mineralogist</i> <b>74</b> (1989), 1097
Hatchite	$\text{AgTlPbAs}_2\text{S}_5$	G	1912	Switzerland	<i>Mineralogical Magazine</i> <b>16</b> (1912), 287	<i>Zeitschrift für Kristallographie</i> <b>125</b> (1967), 249
Hatertite	$\text{Na}_2(\text{Ca},\text{Na})(\text{Fe}^{3+},\text{Cu})_2(\text{AsO}_4)_3$	A	2012-048	Russia	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 683	
Hatrurite	$\text{Ca}_3\text{SiO}_5$	G	1977	Israel	<i>Geological Survey of Israel Bulletin</i> <b>70</b> (1977), 35	<i>Powder Diffraction</i> <b>8</b> (1993), 138

Hauchecornite	$\text{Ni}_9\text{BiSbS}_8$	Rd	1975-006a	Germany	<i>Jahrbuch der Königlich Preussischen Geologischen Landesanstalt und Bergakademie zu Berlin</i> <b>12</b> (1893), 91	<i>Mineralogical Magazine</i> <b>43</b> (1980), 873
Hauckite	$\text{Fe}^{3+}_3\text{Mg}_{24}\text{Zn}_{18}(\text{SO}_4)_4(\text{CO}_3)_2(\text{OH})_{81}$	A	1979-012	USA	<i>American Mineralogist</i> <b>65</b> (1980), 192	
Hauerite	$\text{MnS}_2$	G	1846	Slovakia	<i>Berichte Über die Mittheilungen von Freunden der Naturwissenschaften in Wien</i> <b>7</b> (1846), 2	<i>Zeitschrift für Kristallographie</i> <b>199</b> (1992), 13
Hausmannite	$\text{Mn}^{2+}\text{Mn}^{3+}_2\text{O}_4$	G	1828	Germany	<i>Philosophical Magazine</i> <b>4</b> (1828), 96	<i>Mineralogy and Petrology</i> <b>37</b> (1987), 15
Haüyne	$\text{Na}_3\text{Ca}(\text{Si}_3\text{Al}_3)\text{O}_{12}(\text{SO})_4$	G	1807	Italy	<i>Journal des Mines</i> <b>21</b> (1807), 365	<i>Mineralogical Magazine</i> <b>68</b> (2004), 499
Hawleyite	$\text{CdS}$	G	1955	Canada	<i>American Mineralogist</i> <b>40</b> (1955), 555	
Hawthorneite	$\text{BaMgTi}_3\text{Cr}_4\text{Fe}^{2+}_2\text{Fe}^{3+}_2\text{O}_{19}$	A	1988-019	South Africa	<i>American Mineralogist</i> <b>74</b> (1989), 668	<i>American Mineralogist</i> <b>72</b> (1987), 633
Haxonite	$(\text{Fe},\text{Ni})_{23}\text{C}_6$	A	1971-001	Mexico (meteorite) / USA (meteorite)	<i>Nature</i> <b>229</b> (1971), 61	
Haycockite	$\text{Cu}_4\text{Fe}_5\text{S}_8$	A	1971-028	South Africa	<i>American Mineralogist</i> <b>57</b> (1972), 689	<i>Acta Crystallographica</i> <b>B31</b> (1975), 2105
Haydeelite	$\text{Cu}_3\text{Mg}(\text{OH})_6\text{Cl}_2$	A	2006-046	Chile	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>184</b> (2007), 39	<i>Acta Crystallographica</i> <b>B63</b> (2007), 157
Haynesite	$(\text{UO}_2)_3(\text{Se}^{4+}\text{O}_3)_2(\text{OH})_2 \cdot 5\text{H}_2\text{O}$	A	1990-023	USA	<i>Canadian Mineralogist</i> <b>29</b> (1991), 561	
Hazenite	$\text{KNaMg}_2(\text{PO}_4)_2 \cdot 14\text{H}_2\text{O}$	A	2007-061	USA	<i>American Mineralogist</i> <b>96</b> (2011), 675	
Heazlewoodite	$\text{Ni}_3\text{S}_2$	G	1897	Australia	Report of the Secretary for Mines. William Grahame, Hobart (1897), 47	<i>American Mineralogist</i> <b>62</b> (1977), 341
Hechtsbergite	$\text{Bi}_2\text{O}(\text{VO}_4)(\text{OH})$	A	1995-050	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1997), 271	
Hectorfloresite	$\text{Na}_9(\text{IO}_3)(\text{SO}_4)_4$	A	1987-050a	Chile	<i>American Mineralogist</i> <b>74</b> (1989), 1207	
Hectorite	$\text{Na}_{0.3}(\text{Mg},\text{Li})_3\text{Si}_4\text{O}_{10}(\text{F},\text{OH})_2 \cdot n\text{H}_2\text{O}$	Q	1941	USA	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>247</b> (1941), 65	<i>Clays and Clay Minerals</i> <b>18</b> (1970), 139
Hedegaardite	$(\text{Ca},\text{Na})_9(\text{Ca},\text{Na})\text{Mg}(\text{PO}_4)_6(\text{PO}_3\text{OH})$	A	2014-069	Chile	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	
Hedenbergite	$\text{CaFe}^{2+}\text{Si}_2\text{O}_6$	A	1988 s.p.	Sweden	Nouveau Système de Minéralogie. Méquignon-Marvis, Paris (1819), 269	<i>American Mineralogist</i> <b>92</b> (2007), 1492
Hedleyite	$\text{Bi}_7\text{Te}_3$	G	1945	Canada	<i>University of Toronto Studies, Geological Series</i> <b>49</b> (1945), 55	<i>Canadian Mineralogist</i> <b>45</b> (2007), 665
Hedyphane	$\text{Ca}_2\text{Pb}_3(\text{AsO}_4)_3\text{Cl}$	A	1980 s.p.	Sweden	<i>Journal für Chemie und Physik</i> <b>60</b> (1830), 310	<i>American Mineralogist</i> <b>69</b> (1984), 920
Heftetjernite	$\text{ScTaO}_4$	A	2006-056	Norway	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 309	
Heideite	$(\text{Fe},\text{Cr})_{1.15}(\text{Ti},\text{Fe})_2\text{S}_4$	A	1973-062	India (meteorite)	<i>American Mineralogist</i> <b>59</b> (1974), 465	
Heidornite	$\text{Na}_2\text{Ca}_3\text{B}_5\text{O}_8(\text{SO}_4)_2(\text{OH})_2\text{Cl}$	G	1956	Germany	<i>Beiträge zur Mineralogie und Petrographie</i> <b>5</b> (1956), 177	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1967), 157
Heinrichite	$\text{Ba}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 10\text{H}_2\text{O}$	G	1958	USA / Germany	<i>American Mineralogist</i> <b>43</b> (1958), 1134	<i>Canadian Mineralogist</i> <b>43</b> (2005), 721
Heisenbergite	$(\text{UO}_2)(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	2010-076	Germany	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>189</b> (2012), 117	
Hejtmanite	$\text{Ba}_2\text{Mn}^{2+}_4\text{Ti}_2(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2\text{F}_2$	Rd	1989-038	Zambia	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 35	<i>Mineralogical Magazine</i> <b>80</b> (2016), 841
Heklaite	$\text{KNaSiF}_6$	A	2008-052	Iceland	<i>Mineralogical Magazine</i> <b>74</b> (2010), 147	
Heliophyllite	$\text{Pb}_6\text{As}_2\text{O}_7\text{Cl}_4$	Q	1888	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>45</b> (1888), 574	<i>Acta Mineralogica Sinica</i> <b>5</b> (1985), 216



Hellandite-(Ce)	$(Ca, REE)_4Ce_2Al□_2(B_4Si_4O_{22})(OH)_2$	A	2001-019	Italy	<i>American Mineralogist</i> <b>87</b> (2002), 745	<i>American Mineralogist</i> <b>84</b> (1999), 913
Hellandite-(Y)	$(Ca, REE)_4Y_2Al□_2(B_4Si_4O_{22})(OH)_2$	A	2000 s.p.	Norway	<i>Nyt Magazin for Naturvidenska-Berne Kristiania</i> <b>41</b> (1903), 213	<i>American Mineralogist</i> <b>87</b> (2002), 745
Hellyerite	$Ni(CO_3) \cdot 6H_2O$	A	1962 s.p.	Australia	<i>American Mineralogist</i> <b>44</b> (1959), 533	
Helmutwinklerite	$PbZn_2(AsO_4)_2 \cdot 2H_2O$	A	1979-010	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 118	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 179
Helvine	$Be_3Mn^{2+}_4(SiO_4)_3S$	G	1817	Germany	Letztes Mineral-System. Craz und Gerlach und Carl Gerold, Freiberg und Wien (1817), 29	<i>American Mineralogist</i> <b>70</b> (1985), 186
Hematite	$Fe_2O_3$	A	1971 s.p.	unknown	original paper?	<i>Acta Crystallographica</i> <b>B50</b> (1994), 435
Hematolite	$(Mn, Mg, Al)_{15}(AsO_4)_2(AsO_3)(OH)_{23}$	G	1884	Sweden	<i>Svenska Vetenskaps-Akademiens Stockholm, Öfv.</i> <b>41</b> (1884), 85	<i>American Mineralogist</i> <b>63</b> (1978), 150
Hematophanite	$Pb_4Fe^{3+}_3O_8(Cl, OH)$	G	1928	Sweden	<i>Zeitschrift für Kristallographie</i> <b>68</b> (1928), 87	<i>Mineralogical Magazine</i> <b>39</b> (1973), 49
Hemihedrite	$ZnPb_{10}(CrO_4)_6(SiO_4)_2(OH)_2$	A	1967-011	USA	<i>American Mineralogist</i> <b>55</b> (1970), 1088	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1021
Hemimorphite	$Zn_4(Si_2O_7)(OH)_2 \cdot H_2O$	A	1962 s.p.	Romania	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 67	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 803
Hemleyite	$FeSiO_3$	A	2016-085	China	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Hemloite	$(Ti, V^{3+}, Fe^{3+}, Al)_{12}As^{3+}_2O_{23}(OH)$	A	1987-015	Canada	<i>Canadian Mineralogist</i> <b>27</b> (1989), 427	
Hemusite	$Cu^{1+}_4Cu^{2+}_2SnMoS_8$	A	1968-038	Bulgaria	<i>American Mineralogist</i> <b>56</b> (1971), 1847	<i>Mineralogy and Petrology</i> <b>45</b> (1991), 11-17
Hendekasartorite	$Tl_2Pb_{48}As_{82}S_{172}$	A	2015-075	Switzerland	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 701	
Hendersonite	$Ca_{1.3}(V^{5+}, V^{4+})_6O_{16} \cdot 6H_2O$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 1252	
Hendricksite	$KZn_3(Si_3Al)O_{10}(OH)_2$	A	1965-027	USA	<i>American Mineralogist</i> <b>51</b> (1966), 1107	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>34</b> (1985), 1
Heneuite	$CaMg_5(PO_4)_3(CO_3)(OH)$	A	1983-057	Norway	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 343	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 351
Henmilite	$Ca_2Cu[B(OH)_4]_2(OH)_4$	A	1981-050	Japan	<i>American Mineralogist</i> <b>71</b> (1986), 1234	
Hennomartinite	$SrMn^{3+}_2(Si_2O_7)(OH)_2 \cdot H_2O$	A	1992-033	South Africa	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>73</b> (1993), 349	<i>American Mineralogist</i> <b>81</b> (1996), 9
Henritermierite	$Ca_3Mn^{3+}_2(SiO_4)_2(OH)_4$	Rn	1968-029	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>92</b> (1969), 185	<i>American Mineralogist</i> <b>86</b> (2001), 147
Henryite	$Cu_4Ag_3Te_4$	A	1982-094	USA	<i>Bulletin de Minéralogie</i> <b>106</b> (1983), 511	
Henrymeyerite	$Ba(Ti_7Fe^{2+})O_{16}$	A	1999-016	Russia	<i>Canadian Mineralogist</i> <b>38</b> (2000), 617	
Hentschelite	$CuFe^{3+}_2(PO_4)_2(OH)_2$	A	1985-057	Germany	<i>American Mineralogist</i> <b>72</b> (1987), 404	<i>Acta Crystallographica</i> <b>C43</b> (1987), 1855
Hephaistosite	$TlPb_2Cl_5$	A	2006-043	Italy	<i>Canadian Mineralogist</i> <b>46</b> (2008), 701	<i>Mineralogy and Petrology</i> <b>96</b> (2009), 121
Heptasartorite	$Tl_7Pb_{22}As_{55}S_{108}$	A	2015-073	Switzerland	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 701	
Herbertsmithite	$Cu_3Zn(OH)_6Cl_2$	A	2003-041	Chile	<i>Mineralogical Magazine</i> <b>68</b> (2004), 527	<i>Journal of the American Chemical Society</i> <b>132</b> (2010), 16185



Hercynite	$\text{Fe}^{2+}\text{Al}_2\text{O}_4$	G	1839	Czech Republic	Verhandlungen der Gesellschaft des Vaterländischen Museums in Böhmen. Gottlieb Haase, Prague (1839), 19	<i>American Mineralogist</i> <b>94</b> (2009), 657
Herderite	$\text{CaBe}(\text{PO}_4)\text{F}$	G	1828	Germany	<i>Philosophical Magazine</i> <b>4</b> (1828), 1	<i>American Mineralogist</i> <b>93</b> (2008), 1545
Hereroite	$[\text{Pb}_{32}(\text{O}, \square)_{21}](\text{AsO}_4)_2[(\text{Si}, \text{As}, \text{V}, \text{Mo})\text{O}_4]_2\text{Cl}_{10}$	A	2011-027	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 883	<i>American Mineralogist</i> <b>98</b> (2013), 248
Hermannjahnite	$\text{CuZn}(\text{SO}_4)_2$	A	2015-050	Russia	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	
Hermannroseite	$\text{CaCu}(\text{PO}_4)(\text{OH})$	A	2010-006	Namibia	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>188</b> (2011), 135	
Herzenbergite	$\text{SnS}$	G	1934	Bolivia	<i>Neues Jahrbuch für Mineralogie</i> <b>68A</b> (1934), 292	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1903
Hessite	$\text{Ag}_2\text{Te}$	G	1843	Kazakhstan	Grundzüge eines Systemes der Krystallogologie. Literarisches Comptoir, Zurich Und Winterthur (1843)	<i>Zeitschrift für Kristallographie</i> <b>112</b> (1959), 44
Hetaerolite	$\text{ZnMn}^{3+}_2\text{O}_4$	G	1877	USA	<i>American Journal of Science and Arts</i> <b>114</b> (1877), 423	<i>Physical Review B</i> <b>60</b> (1999), 12651
Heterogenite	$\text{Co}^{3+}\text{O}(\text{OH})$	A	1967 s.p.	Germany	<i>Journal für Praktische Chemie</i> <b>5</b> (1872), 401	<i>Mineralogical Magazine</i> <b>39</b> (1973), 152
Heteromorphite	$\text{Pb}_7\text{Sb}_8\text{S}_{19}$	G	1849	Germany	<i>Annalen der Physik und Chemie</i> <b>77</b> (1849), 240	<i>Zeitschrift für Kristallographie</i> <b>151</b> (1980), 193
Heterosite	$\text{Fe}^{3+}(\text{PO}_4)$	G	1826	France	<i>Annales des Sciences Naturelles</i> <b>8</b> (1826), 334	<i>American Mineralogist</i> <b>57</b> (1972), 45
Heulandite-Ba	$(\text{Ba}, \text{Ca}, \text{K})_5(\text{Si}_{27}\text{Al}_9)\text{O}_{72} \cdot 22\text{H}_2\text{O}$	A	2003-001	Norway	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 143	
Heulandite-Ca	$(\text{Ca}, \text{Na}, \text{K})_5(\text{Si}_{27}\text{Al}_9)\text{O}_{72} \cdot 26\text{H}_2\text{O}$	Rn	1997 s.p.	United Kingdom	<i>Edinburgh Philosophy Journal</i> <b>6</b> (1822), 112	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 497
Heulandite-K	$(\text{K}, \text{Ca}, \text{Na})_5(\text{Si}_{27}\text{Al}_9)\text{O}_{72} \cdot 26\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>Periodico di Mineralogia</i> <b>38</b> (1969), 237	<i>American Mineralogist</i> <b>82</b> (1997), 517
Heulandite-Na	$(\text{Na}, \text{Ca}, \text{K})_6(\text{Si}, \text{Al})_{36}\text{O}_{72} \cdot 22\text{H}_2\text{O}$	A	1997 s.p.	USA	<i>Proceedings of the U.S. National Museum</i> <b>64</b> (1924), 1	<i>American Mineralogist</i> <b>57</b> (1972), 1463
Heulandite-Sr	$(\text{Sr}, \text{Ca}, \text{Na})_5(\text{Si}_{27}\text{Al}_9)\text{O}_{72} \cdot 24\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1982), 541	<i>American Mineralogist</i> <b>88</b> (2003), 527
Hewettite	$\text{CaV}^{5+}_6\text{O}_{16} \cdot 9\text{H}_2\text{O}$	G	1914	Peru	<i>Proceedings of the American Philosophical Society</i> <b>53</b> (1914), 31	
Hexacelsian	$\text{Ba}(\text{Al}_2\text{Si}_2\text{O}_8)$	A	2015-045	Israel	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1009	
Hexaferrum	$(\text{Fe}, \text{Os}, \text{Ru}, \text{Ir})$	A	1995-032	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(5)</b> (1998), 41	
Hexahydrite	$\text{Mg}(\text{SO}_4) \cdot 6\text{H}_2\text{O}$	G	1911	Canada	<i>Geological Survey of Canada, Summary Report 1910</i> (1911), 256	<i>Acta Crystallographica</i> <b>17</b> (1964), 235
Hexahydroborite	$\text{Ca}[\text{B}(\text{OH})_4]_2 \cdot 2\text{H}_2\text{O}$	A	1977-015	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 691	<i>Doklady Akademii Nauk SSSR</i> <b>228</b> (1976), 1337
Hexamolybdenum	$(\text{Mo}, \text{Ru}, \text{Fe}, \text{Ir}, \text{Os})$	A	2007-029	Mexico (meteorite)	<i>American Mineralogist</i> <b>99</b> (2014), 654	
Heyerdahlite	$\text{Na}_3\text{Mn}_7\text{Ti}_2(\text{Si}_4\text{O}_{12})_2\text{O}_2(\text{OH})_4\text{F}(\text{H}_2\text{O})_2$	A	2016-108	Norway	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Heyite	$\text{Pb}_5\text{Fe}^{2+}_2\text{O}_4(\text{VO}_4)_2$	A	1971-042	USA	<i>Mineralogical Magazine</i> <b>39</b> (1973), 65	
Heyrovskýite	$\text{Pb}_6\text{Bi}_2\text{S}_9$	A	1970-022	Czech Republic	<i>Mineralium Deposita</i> <b>6</b> (1971), 133	<i>American Mineralogist</i> <b>96</b> (2011), 1120

Hezuolinite	(Sr,REE) <sub>4</sub> Zr(Ti,Fe <sup>3+</sup> ,Fe <sup>2+</sup> ) <sub>2</sub> Ti <sub>2</sub> O <sub>8</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub>	A	2010-045	China	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 189	
Hiärneite	(Ca,Mn <sup>2+</sup> ,Na) <sub>2</sub> (Zr,Mn <sup>3+</sup> ) <sub>5</sub> (Sb,Ti,Fe) <sub>2</sub> O <sub>16</sub>	A	1996-040	Sweden	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 843	
Hibbingite	Fe <sup>2+</sup> <sub>2</sub> (OH) <sub>3</sub> Cl	A	1991-036	USA	<i>American Mineralogist</i> <b>79</b> (1994), 555	
Hibonite	(Ca,Ce)(Al,Ti,Mg) <sub>12</sub> O <sub>19</sub>	G	1956	Madagascar	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>242</b> (1956), 2845	<i>Mineralogical Magazine</i> <b>74</b> (2010), 871
Hibonite-(Fe)	(Fe,Mg)Al <sub>12</sub> O <sub>19</sub>	A	2009-027	Mexico (meteorite)	<i>American Mineralogist</i> <b>95</b> (2010), 188	
Hidalgoite	PbAl <sub>3</sub> (SO <sub>4</sub> )(AsO <sub>4</sub> )(OH) <sub>6</sub>	Rd	1987 s.p.	Mexico	<i>American Mineralogist</i> <b>38</b> (1953), 1218	
Hielscherite	Ca <sub>6</sub> Si <sub>2</sub> [(SO <sub>4</sub> ) <sub>2</sub> (SO <sub>3</sub> ) <sub>2</sub> (OH) <sub>12</sub> ].22H <sub>2</sub> O	A	2011-037	Germany	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1133	
Hieratite	K <sub>2</sub> SiF <sub>6</sub>	G	1882	Italy	<i>Transunti dell'Accademia dei Lincei, Serie III</i> <b>6</b> (1882), 141	<i>American Mineralogist</i> <b>57</b> (1972), 287
Hilairite	Na <sub>2</sub> ZrSi <sub>3</sub> O <sub>9</sub> .3H <sub>2</sub> O	A	1972-019	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1974), 237	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 495
Hilarionite	Fe <sup>3+</sup> <sub>2</sub> (SO <sub>4</sub> )(AsO <sub>4</sub> )(OH).6H <sub>2</sub> O	A	2011-089	Greece	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>142(5)</b> (2013), 30	
Hilgardite	Ca <sub>2</sub> B <sub>5</sub> O <sub>9</sub> Cl.H <sub>2</sub> O	G	1937	United Kingdom	<i>American Mineralogist</i> <b>22</b> (1937), 1052	<i>Acta Crystallographica</i> <b>C50</b> (1994), 653
Hillebrandite	Ca <sub>2</sub> SiO <sub>3</sub> (OH) <sub>2</sub>	G	1908	Mexico	<i>American Journal of Science</i> <b>176</b> (1908), 545	<i>American Mineralogist</i> <b>80</b> (1995), 841
Hillesheimite	(K,Ca,Ba,□) <sub>2</sub> (Mg,Fe,Ca,□) <sub>2</sub> [(Si,Al) <sub>13</sub> O <sub>23</sub> (OH) <sub>6</sub> ](OH).8H <sub>2</sub> O	A	2011-080	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(3)</b> (2012), 29	
Hillite	Ca <sub>2</sub> Zn(PO <sub>4</sub> ) <sub>2</sub> .2H <sub>2</sub> O	A	2003-005	Australia	<i>Canadian Mineralogist</i> <b>41</b> (2003), 981	
Hingganite-(Ce)	BeCe(SiO <sub>4</sub> )(OH)	A	2004-004	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>102</b> (2007), 1	
Hingganite-(Y)	BeY(SiO <sub>4</sub> )(OH)	Rn	1981-052	China	<i>Yanshi Kuangwu Ji Ceshi</i> <b>3</b> (1984), 46	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1105
Hingganite-(Yb)	BeYb(SiO <sub>4</sub> )(OH)	A	1982-041	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>270</b> (1983), 1188	<i>Kristallografiya</i> <b>28</b> (1983), 457
Hinsdalite	PbAl <sub>3</sub> (SO <sub>4</sub> )(PO <sub>4</sub> )(OH) <sub>6</sub>	Rd	1987 s.p.	USA	<i>Journal of the Washington Academy of Sciences</i> <b>1</b> (1911), 25	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 513
Hiortdahlite	(Na,Ca) <sub>2</sub> Ca <sub>4</sub> Zr(Mn,Ti,Fe)(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (F,O) <sub>4</sub>	A	1987 s.p.	Norway	<i>Nyt Magazin for Naturvidenskaberne</i> <b>31</b> (1888), 232	<i>Mineralogy and Petrology</i> <b>37</b> (1987), 25
Hisingerite	Fe <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> .2H <sub>2</sub> O	G	1819	Sweden	Nouveau Système de Minéralogie. Méquignon-Marvis, Paris (1819), 210	<i>Clays and Clay Minerals</i> <b>46</b> (1998), 400
Hizenite-(Y)	Ca <sub>2</sub> Y <sub>6</sub> (CO <sub>3</sub> ) <sub>11</sub> .14H <sub>2</sub> O	A	2011-030	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>108</b> (2013), 161	
Hloušekite	(Ni,Co)Cu <sub>4</sub> (AsO <sub>4</sub> ) <sub>2</sub> (AsO <sub>3</sub> OH) <sub>2</sub> .9H <sub>2</sub> O	A	2013-048	Czech Republic	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1341	
Hocartite	Ag <sub>2</sub> FeSnS <sub>4</sub>	A	1967-046	Bolivia / France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>91</b> (1968), 383	
Hochelagaite	CaNb <sub>4</sub> O <sub>11</sub> .8H <sub>2</sub> O	A	1983-088	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 449	
Hodgesmithite	(Cu,Zn) <sub>6</sub> Zn(SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>10</sub> .3H <sub>2</sub> O	A	2015-112	Australia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Hodgkinsonite	Zn <sub>2</sub> Mn <sup>2+</sup> (SiO <sub>4</sub> )(OH) <sub>2</sub>	G	1913	USA	<i>Journal of the Washington Academy of Sciences</i> <b>3</b> (1913), 474	<i>Zeitschrift für Kristallographie</i> <b>119</b> (1963), 117
Hodrušite	Cu <sub>8</sub> Bi <sub>12</sub> S <sub>22</sub>	Rn	1969-025	Slovakia	<i>Mineralogical Magazine</i> <b>37</b> (1971), 641	<i>Canadian Mineralogist</i> <b>41</b> (2004), 1481

Hoelite	$C_{14}H_8O_2$	G	1922	Norway	<i>Resultater av de Norske Statsunderstøttede Spitsbergenekspeditioner 1</i> (1922), 9	<i>Acta Crystallographica</i> <b>22</b> (1967), 439
Hoganite	$Cu(CH_3COO)_2 \cdot H_2O$	A	2001-029	Australia	<i>Mineralogical Magazine</i> <b>66</b> (2002), 459	<i>Spectrochimica Acta A</i> <b>67</b> (2007), 48
Hogarthite	$(Na,K)_2CaTi_2Si_{10}O_{26} \cdot 8H_2O$	A	2009-043	Canada	<i>Canadian Mineralogist</i> <b>53</b> (2015), 13	
Høgtuvaite	$Ca_4[Fe^{2+}_6Fe^{3+}_6]O_4[Si_8Be_2Al_2O_{36}]$	A	1990-051	Norway	<i>Canadian Mineralogist</i> <b>32</b> (1994), 439	
Hohmannite	$Fe^{3+}_2O(SO_4)_2 \cdot 8H_2O$	G	1888	Chile	<i>Mineralogische und petrographische Mitteilungen</i> <b>9</b> (1888), 397	<i>Mineralogical Magazine</i> <b>79</b> (2015), 11
Holdawayite	$Mn^{2+}_6(CO_3)_2(OH)_7(Cl,OH)$	A	1986-001	Namibia	<i>American Mineralogist</i> <b>73</b> (1988), 632	
Holdenite	$Mn^{2+}_6Zn_3(AsO_4)_2(SiO_4)(OH)_8$	G	1927	USA	<i>American Mineralogist</i> <b>12</b> (1927), 144	<i>American Mineralogist</i> <b>62</b> (1977), 513
Holfertite	$(UO_2)_{1.75}Ca_{0.25}TiO_4 \cdot 3H_2O$	A	2003-009	USA	<i>Mineralogical Record</i> <b>37</b> (2006), 311	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1545
Hollandite	$Ba(Mn^{4+}_6Mn^{3+}_2)O_{16}$	Rd	2012 s.p.	India	<i>Mineralogical Journal</i> <b>13</b> (1986), 119	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1056
Hollingworthite	RhAsS	A	1964-029	South Africa	<i>American Mineralogist</i> <b>50</b> (1965), 1068	<i>Mineralium Deposita</i> <b>22</b> (1987), 178
Hollisterite	$Al_3Fe$	A	2016-034	Russia (meteorite)	<i>American Mineralogist</i> <b>102</b> (2017), 690	
Holmquistite	$\square Li_2(Mg_3Al_2)Si_8O_{22}(OH)_2$	Rd	2012 s.p.	Sweden	<i>Sitzungsberichte der Heidelberger Akademie der Wissenschaften</i> (1913), 3	<i>American Mineralogist</i> <b>90</b> (2005), 1167
Holtedahllite	$Mg_{12}(PO_3OH,CO_3)(PO_4)_5(OH,O)_6$	A	1976-054	Norway	<i>Lithos</i> <b>12</b> (1979), 283	<i>Mineralogy and Petrology</i> <b>40</b> (1989), 91
Holtite	$(Ta_{0.6}\square_{0.4})Al_6BSi_3O_{18}$	Rd	1969-029	Australia	<i>Mineralogical Magazine</i> <b>38</b> (1971), 21	<i>Mineralogical Magazine</i> <b>53</b> (1989), 457
Holtstamite	$Ca_3Al_2(SiO_4)_2(OH)_4$	A	2003-047	South Africa	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 375	
Homilite	$Ca_2Fe^{2+}B_2Si_2O_{10}$	G	1876	Norway	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1876), 229	<i>Acta Crystallographica</i> <b>C41</b> (1985), 13
Honeaite	$Au_3TITe_2$	A	2015-060	Australia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 979	<i>Mineralogical Magazine</i> <b>81</b> (2017), 611
Honessite	$(Ni_{1-x}Fe^{3+x})(SO_4)_{x/2}(OH)_{2 \cdot n}H_2O$ ( $x < 0.5$ , $n < 3x/2$ )	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 995	<i>Mineralogical Magazine</i> <b>44</b> (1981), 339
Hongheite	$Ca_{19}Fe^{2+}Al_4(Fe^{3+},Mg,Al)_8(\square,B)_4BSi_{18}O_{69}(O,OH)_9$	A	2017-027	China	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Hongshiite	PtCu	A	1988-xxx	China	<i>Acta Geologica Sinica</i> <b>2</b> (1974), 202	<i>Canadian Mineralogist</i> <b>40</b> (2002), 711
Honzaitite	$Ni_2(AsO_3OH)_2 \cdot 5H_2O$	A	2014-105	Czech Republic	CNMNC Newsletter 25 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 529	
Hopeite	$Zn_3(PO_4)_2 \cdot 4H_2O$	G	1826	Belgium	<i>Transactions of the Royal Society of Edinburgh</i> <b>10</b> (1826), 107	<i>American Mineralogist</i> <b>61</b> (1976), 987
Horákite	$(Bi_7O_7OH)[(UO_2)_4(PO_4)_2(AsO_4)_2(OH)_2] \cdot 3.5H_2O$	A	2017-033	Czech Republic	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Hörnesite	$Mg_3(AsO_4)_2 \cdot 8H_2O$	G	1860	Romania	<i>Jahrbuch der Kaiserlich-Königlichen Geologischen Reichsanstalt</i> <b>11</b> (1860), 10	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1966), 349
Horomanite	$Fe_6Ni_3S_8$	A	2007-037	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>106</b> (2011), 204	
Horváthite-(Y)	$NaY(CO_3)F_2$	A	1996-032	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 743	
Hotsonite	$Al_5(SO_4)(PO_4)(OH)_{10} \cdot 8H_2O$	A	1983-033	South Africa	<i>American Mineralogist</i> <b>69</b> (1984), 979	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119</b> (1990), 121

Housleyite	$\text{Pb}_6\text{CuTe}_4\text{O}_{18}(\text{OH})_2$	A	2009-024	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1337	
Howardevansite	$\text{NaCu}^{2+}\text{Fe}^{3+}_2(\text{VO}_4)_3$	A	1987-011	El Salvador	<i>American Mineralogist</i> <b>73</b> (1988), 181	
Howieite	$\text{Na}(\text{Fe}^{2+}, \text{Fe}^{3+}, \text{Al}, \text{Mg})_{12}(\text{Si}_6\text{O}_{17})_2(\text{O}, \text{OH})_{10}$	A	1964-017	USA	<i>American Mineralogist</i> <b>50</b> (1965), 278	<i>American Mineralogist</i> <b>59</b> (1974), 86
Howlite	$\text{Ca}_2\text{SiB}_5\text{O}_9(\text{OH})_5$	G	1868	Canada	A System of Mineralogy, 5th ed. Wiley, New York (1868), 598	<i>American Mineralogist</i> <b>73</b> (1988), 1138
Hsianghualite	$\text{Li}_2\text{Ca}_3\text{Be}_3(\text{SiO}_4)_3\text{F}_2$	A	1997 s.p.	China	<i>Ti-chih-yueh-k'an</i> <b>7</b> (1958), 35	<i>Doklady Akademii Nauk SSSR</i> <b>316</b> (1991), 624
Huanghoite-(Ce)	$\text{BaCe}(\text{CO}_3)_2\text{F}$	A	1967 s.p.	China	<i>Scientia Sinica</i> <b>10</b> (1961), 1007	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1993), 163
Huangite	$\text{Ca}_{0.5}\text{Al}_3(\text{SO}_4)_2(\text{OH})_6$	A	1991-009	Chile	<i>American Mineralogist</i> <b>77</b> (1992), 1275	<i>Mineralogical Journal</i> <b>20</b> (1998), 1
Huanzalaite	$\text{Mg}(\text{WO}_4)$	A	2009-018	Peru	<i>Canadian Mineralogist</i> <b>48</b> (2010), 105	
Hubeite	$\text{Ca}_2\text{Mn}^{2+}\text{Fe}^{3+}\text{Si}_4\text{O}_{12}(\text{OH}) \cdot 2\text{H}_2\text{O}$	A	2000-022	China	<i>Mineralogical Record</i> <b>33</b> (2002), 465	<i>Canadian Mineralogist</i> <b>42</b> (2004), 825
Hübnerite	$\text{Mn}^{2+}(\text{WO}_4)$	G	1865	USA	<i>Berg- und Hüttenmännische Zeitung</i> <b>24</b> (1865), 370	<i>Zeitschrift für Kristallographie</i> <b>207</b> (1993), 193
Huemulite	$\text{Na}_4\text{MgV}^{5+}_{10}\text{O}_{28} \cdot 24\text{H}_2\text{O}$	A	1965-012	Argentina	<i>American Mineralogist</i> <b>51</b> (1966), 1	<i>Canadian Mineralogist</i> <b>49</b> (2011), 849
Huenite	$\text{Cu}_4(\text{MoO}_4)_3(\text{OH})_2$	A	2015-122	Chile	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Hügelite	$\text{Pb}_2(\text{UO}_2)_3(\text{AsO}_4)_2\text{O}_2 \cdot 5\text{H}_2\text{O}$	G	1913	Germany	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>51</b> (1913), 278	<i>Mineralogical Magazine</i> <b>67</b> (2003), 1109
Hughesite	$\text{Na}_3\text{AlV}_{10}\text{O}_{28} \cdot 22\text{H}_2\text{O}$	A	2009-035a	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1253	
Huizingite-(Al)	$(\text{NH}_4)_9\text{Al}_3(\text{SO}_4)_8(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	2015-014	USA	<i>American Mineralogist</i> <b>101</b> (2016), 2095	
Hulsite	$\text{Fe}^{2+}_2\text{Fe}^{3+}\text{O}_2(\text{BO}_3)$	G	1908	USA	<i>American Journal of Science</i> <b>25</b> (1908), 323	<i>American Mineralogist</i> <b>61</b> (1976), 116
Humberstonite	$\text{K}_3\text{Na}_7\text{Mg}_2(\text{SO}_4)_6(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	A	1967-015	Chile	<i>American Mineralogist</i> <b>55</b> (1970), 1518	<i>Canadian Mineralogist</i> <b>32</b> (1994), 381
Humboldtine	$\text{Fe}^{2+}(\text{C}_2\text{O}_4) \cdot 2\text{H}_2\text{O}$	G	1821	Czech Republic	<i>Annales de Chimie et de Physique</i> <b>18</b> (1821), 207	<i>Physics and Chemistry of Minerals</i> <b>35</b> (2008), 467
Humite	$\text{Mg}_7(\text{SiO}_4)_3(\text{F}, \text{OH})_2$	G	1813	Italy	Catalogue de la collection minéralogique particulière du Comte de Bournon. Juigné, London (1813), 32	<i>American Mineralogist</i> <b>56</b> (1971), 1155
Hummerite	$\text{KMgV}^{5+}_5\text{O}_{14} \cdot 8\text{H}_2\text{O}$	G	1951	USA	<i>American Mineralogist</i> <b>36</b> (1951), 326	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1429
Hunchunite	$\text{Au}_2\text{Pb}$	A	1991-033	China	<i>Acta Mineralogica Sinica</i> <b>12</b> (1992), 319	
Hundholmenite-(Y)	$(\text{Y}, \text{REE}, \text{Ca}, \text{Na})_{15}(\text{Al}, \text{Fe}^{3+})\text{Ca}_x\text{As}^{3+}_{1-x}(\text{Si}, \text{As}^{5+})\text{Si}_6\text{B}_3(\text{O}, \text{F})_{48}$	A	2006-005	Norway	<i>Mineralogical Magazine</i> <b>71</b> (2007), 179	
Hungchaoite	$\text{MgB}_4\text{O}_5(\text{OH})_4 \cdot 7\text{H}_2\text{O}$	A	1967 s.p.	China	<i>Scientia Sinica</i> <b>13</b> (1964), 525	<i>American Mineralogist</i> <b>62</b> (1977), 1135
Huntite	$\text{CaMg}_3(\text{CO}_3)_4$	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 4	<i>American Mineralogist</i> <b>71</b> (1986), 163
Hureaulite	$\text{Mn}^{2+}_5(\text{PO}_3\text{OH})_2(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	Rn	2007 s.p.	France	<i>Annales de Chimie et de Physique</i> <b>3</b> (1825), 302	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 93
Hurlbutite	$\text{CaBe}_2(\text{PO}_4)_2$	G	1952	USA	<i>American Mineralogist</i> <b>37</b> (1952), 931	<i>American Mineralogist</i> <b>59</b> (1974), 1267
Hutcheonite	$\text{Ca}_3\text{Ti}_2(\text{SiAl}_2)\text{O}_{12}$	A	2013-029	Mexico (meteorite)	<i>American Mineralogist</i> <b>99</b> (2014), 667	
Hutchinsonite	$\text{TlPbAs}_5\text{S}_9$	G	1905	Switzerland	<i>Mineralogical Magazine</i> <b>14</b> (1905), 72	<i>Zeitschrift für Kristallographie</i> <b>209</b> (1994), 475
Huttonite	$\text{Th}(\text{SiO}_4)$	G	1951	New Zealand	<i>American Mineralogist</i> <b>36</b> (1951), 60	<i>Acta Crystallographica</i> <b>B34</b> (1978), 1074
Hyalotekite	$(\text{Ba}, \text{Pb}, \text{K})_4(\text{Ca}, \text{Y})_2(\text{B}, \text{Be})_2(\text{Si}, \text{B})_2\text{Si}_8\text{O}_{28}\text{F}$	G	1877	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1877), 382	<i>Mineralogical Magazine</i> <b>62</b> (1998), 77

Hydrobasaluminite	$\text{Al}_4(\text{SO}_4)(\text{OH})_{10} \cdot 15\text{H}_2\text{O}$	G	1948	United Kingdom	<i>Nature</i> <b>162</b> (1948), 565	<i>Mineralogical Magazine</i> <b>43</b> (1980), 931
Hydrobiotite	$\text{K}(\text{Mg}, \text{Fe}^{2+})_6(\text{Si}, \text{Al})_8\text{O}_{20}(\text{OH})_4 \cdot n\text{H}_2\text{O}$	Rd	1983 s.p.	Czech Republic	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>6</b> (1882), 321	<i>American Mineralogist</i> <b>68</b> (1983), 420
Hydroboracite	$\text{CaMg}[\text{B}_3\text{O}_4(\text{OH})_3]_2 \cdot 3\text{H}_2\text{O}$	G	1834	Kazakhstan	<i>Annalen der Physik und Chemie</i> <b>31</b> (1834), 49	<i>Canadian Mineralogist</i> <b>16</b> (1978), 75
Hydrocalumite	$\text{Ca}_4\text{Al}_2(\text{OH})_{12}(\text{Cl}, \text{CO}_3, \text{OH})_2 \cdot 4\text{H}_2\text{O}$	G	1934	United Kingdom	<i>Mineralogical Magazine</i> <b>23</b> (1934), 607	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 462
Hydrocerussite	$\text{Pb}_3(\text{CO}_3)_2(\text{OH})_2$	G	1877	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1877), 376	<i>Acta Crystallographica</i> <b>C58</b> (2002), i82
Hydrochlorborite	$\text{Ca}_2\text{B}_3\text{O}_3(\text{OH})_4 \cdot \text{BO}(\text{OH})_3\text{Cl} \cdot 7\text{H}_2\text{O}$	G	1965	China	<i>Acta Geologica Sinica</i> <b>45</b> (1965), 209	<i>American Mineralogist</i> <b>62</b> (1977), 147
Hydrodelhayelite	$\text{KCa}_2(\text{Si}_7\text{Al})\text{O}_{17}(\text{OH})_2 \cdot 6\text{H}_2\text{O}$	A	1979-023	Russia	<i>New data on minerals of the USSR</i> <b>28</b> (1979), 172	
Hydrodresserite	$\text{BaAl}_2(\text{CO}_3)_2(\text{OH})_4 \cdot 3\text{H}_2\text{O}$	A	1976-036	Canada	<i>Canadian Mineralogist</i> <b>15</b> (1977), 399	<i>Canadian Mineralogist</i> <b>20</b> (1982), 253
Hydroglauberite	$\text{Na}_{10}\text{Ca}_3(\text{SO}_4)_8 \cdot 6\text{H}_2\text{O}$	A	1968-026	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>98</b> (1969), 59	
Hydrohalite	$\text{NaCl} \cdot 2\text{H}_2\text{O}$	G	1847	Austria	Handbuch der Mineralogie. Vandenhoeck und Ruprecht, Göttingen (1847), 1458	<i>Acta Crystallographica</i> <b>B30</b> (1974), 2363
Hydrohetaerolite	$\text{HZnMn}^{3+}_{1.7}\text{O}_4$	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 297	<i>American Mineralogist</i> <b>41</b> (1956), 268
Hydrohonessite	$(\text{Ni}_{1-x}\text{Fe}^{3+x})(\text{SO}_4)_{x/2}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ ( $x < 0.5$ , $n > 3x/2$ )	A	1980-037a	Australia	<i>Mineralogical Magazine</i> <b>44</b> (1981), 333	<i>Mineralogical Magazine</i> <b>44</b> (1981), 339
Hydrokenoelsmoreite	$\square_2\text{W}_2\text{O}_6(\text{H}_2\text{O})$	Rd	2010 s.p.	Australia	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1061	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1195
Hydrokenomicrolite	$(\square, \text{H}_2\text{O})_2\text{Ta}_2(\text{O}, \text{OH})_6(\text{H}_2\text{O})$	A	2011-103	Brazil	<i>American Mineralogist</i> <b>98</b> (2013), 292	
Hydrokenopyrochlore	$\square_2\text{Nb}_2\text{O}_4(\text{OH})_2(\text{H}_2\text{O})$	A	2017-005	Madagascar	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Hydrokenoralstonite	$\square_2\text{Al}_2\text{F}_6(\text{H}_2\text{O})$	Rn	1871	Denmark (Greenland)	<i>American Journal of Science and Arts</i> <b>102</b> (1871), 30	<i>Canadian Mineralogist</i> <b>55</b> (2017), 115
Hydromagnesite	$\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	G	1828	USA	Kongl. Vetenskaps-Academiens Handlingar for År 1827. Norstedt, Stockholm (1828), 17	<i>Acta Crystallographica</i> <b>B33</b> (1977), 1273
Hydrombobomkulite	$(\text{Ni}, \text{Cu})\text{Al}_4(\text{NO}_3)_2(\text{SO}_4)(\text{OH})_{12} \cdot 14\text{H}_2\text{O}$	A	1979-079a	South Africa	<i>Annals of the Geological Survey of South Africa</i> <b>14</b> (1980), 1	
Hydroniumjarosite	$(\text{H}_3\text{O})\text{Fe}^{3+}_3(\text{SO}_4)_2(\text{OH})_6$	Rd	1987 s.p.	Poland	<i>Bulletin de l'Academie Polonaise des Sciences, Serie des Sciences Geologiques et Geographiques</i> <b>8</b> (1960), 95	<i>Mineralogical Magazine</i> <b>78</b> (2014), 535
Hydroniumpharmacoalumite	$(\text{H}_3\text{O})\text{Al}_4(\text{AsO}_4)_3(\text{OH})_4 \cdot 4.5\text{H}_2\text{O}$	A	2012-050	Spain	<i>Journal of Mineralogy and Geochemistry</i> <b>192</b> (2015), 169	
Hydroniumpharmacosiderite	$(\text{H}_3\text{O})\text{Fe}^{3+}_4(\text{AsO}_4)_3(\text{OH})_4 \cdot 4\text{H}_2\text{O}$	A	2010-014	United Kingdom	<i>Mineralogical Magazine</i> <b>74</b> (2010), 863	
Hydropascoite	$\text{Ca}_3(\text{V}_{10}\text{O}_{28}) \cdot 24\text{H}_2\text{O}$	A	2016-032	USA	<i>Canadian Mineralogist</i> <b>55</b> (2017), 207	
Hydropyrochlore	$(\text{H}_2\text{O}, \square)_2\text{Nb}_2(\text{O}, \text{OH})_6(\text{H}_2\text{O})$	Rd	2010 s.p.	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>63</b> (1978), 528	<i>Canadian Mineralogist</i> <b>48</b> (2010), 673
Hydroromarchite	$\text{Sn}^{2+}_3\text{O}_2(\text{OH})_2$	A	1969-007	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1971), 916	<i>Canadian Mineralogist</i> <b>41</b> (2003), 649
Hydroscarbroite	$\text{Al}_{14}(\text{CO}_3)_3(\text{OH})_{36} \cdot n\text{H}_2\text{O}$	Q	1960	United Kingdom	<i>Mineralogical Magazine</i> <b>32</b> (1960), 353	<i>Journal of The Russell Society</i> <b>1</b> (1982), 9

Hydrotalcite	$Mg_6Al_2(CO_3)(OH)_{16} \cdot 4H_2O$	A	2016 s.p.	Norway	<i>Journal für Praktische Chemie</i> <b>27</b> (1842), 375	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1023
Hydroterskite	$Na_2ZrSi_6O_{12}(OH)_6$	A	2015-042	Canada	<i>Canadian Mineralogist</i> <b>53</b> (2015), 821	
Hydrotungstite	$WO_2(OH)_2 \cdot H_2O$	G	1944	Bolivia	<i>American Mineralogist</i> <b>29</b> (1944), 192	<i>Bulletin of the Geological Society of Finland</i> <b>43</b> (1971), 89
Hydrowoodwardite	$(Cu_{1-x}Al_x)(SO_4)_{x/2}(OH)_2 \cdot nH_2O$ ( $x < 0.5$ , $n > 3x/2$ )	A	1996-038	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1999), 75	
Hydroxyapophyllite-(K)	$KCa_4Si_8O_{20}(OH,F) \cdot 8H_2O$	Rn	1978 s.p.	USA	<i>American Mineralogist</i> <b>63</b> (1978), 196	
Hydroxycalcimicrolite	$Ca_{1.5}Ta_2O_6(OH)$	A	2013-073	Brazil	<i>Mineralogical Magazine</i> <b>81</b> (2017), 555	
Hydroxycalciopyrochlore	$(Ca,Na,U,\square)_2(Nb,Ti)_2O_6(OH)$	A	2011-026	China	<i>Acta Geologica Sinica</i> <b>88</b> (2014), 748	
Hydroxycalcioroméite	$(Ca,Sb^{3+})_2(Sb^{5+},Ti)_2O_6(OH)$	Rd	2010 s.p.	Brazil	<i>Mineralogical Magazine</i> <b>11</b> (1895), 80	<i>Canadian Mineralogist</i> <b>48</b> (2010), 673
Hydroxycancrinite	$(Na,Ca,K)_8(Al_6Si_6O_{24})(OH,CO_3)_2 \cdot 2H_2O$	A	1990-014	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(1)</b> (1992), 100	
Hydroxyferroméite	$(Fe^{2+}_{1.5}\square_{0.5})Sb^{5+}_2O_6(OH)$	A	2016-006	France	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 307	
Hydroxykenoelsmoreite	$(\square,Pb)_2(W,Fe^{3+},Al)_2(O,OH)_6(OH)$	A	2016-056	Burundi	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 491	
Hydroxykenomicrolite	$(\square,Na,Sb^{3+})_2Ta_2O_6(OH)$	Rd	2010 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 345	<i>Canadian Mineralogist</i> <b>48</b> (2010), 673
Hydroxykenopyrochlore	$(\square,Ce,Ba)_2(Nb,Ti)_2O_6(OH,F)$	A	2017-030a	Brazil	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Hydroxylapatite	$Ca_5(PO_4)_3OH$	Rn	2010 s.p.	Switzerland	<i>Annales des Mines</i> <b>10</b> (1856), 65	<i>Science</i> <b>180</b> (1973), 1055
Hydroxylbastnäsité-(Ce)	$Ce(CO_3)(OH)$	Rn	1987 s.p.	Russia	<i>Doklady Akademii Nauk SSSR, Earth Science Sections</i> <b>159</b> (1964), 1048	<i>American Mineralogist</i> <b>93</b> (2008), 698
Hydroxylbastnäsité-(Nd)	$Nd(CO_3)(OH)$	Rn	1984-060	Montenegro	<i>Mineralogical Magazine</i> <b>49</b> (1985), 717	
Hydroxylborite	$Mg_3(BO_3)(OH)_3$	A	2005-054	Russia	<i>Proceedings of the Russian Mineralogical Society</i> <b>136(1)</b> (2007), 69	
Hydroxylchondrodite	$Mg_5(SiO_4)_2(OH)_2$	A	2010-019	Russia	<i>Doklady Earth Sciences</i> <b>436</b> (2011), 230	
Hydroxylclinohumite	$Mg_9(SiO_4)_4(OH)_2$	A	1998-065	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(5)</b> (1999), 64	<i>Zeitschrift für Kristallographie</i> <b>215</b> (2000), 169
Hydroxyledgrewite	$Ca_9(SiO_4)_4(OH)_2$	A	2011-113	Russia	<i>American Mineralogist</i> <b>97</b> (2012), 1998	
Hydroxyllellstadite	$Ca_5(SiO_4)_{1.5}(SO_4)_{1.5}OH$	Rn	2010 s.p.	USA	<i>American Mineralogist</i> <b>22</b> (1937), 977	<i>American Mineralogist</i> <b>91</b> (2006), 1927
Hydroxylgugiaite	$(Ca_3\square)_{24}(Si_{3.5}Be_{2.5})_{22}O_{11}(OH)_3$	A	2016-009	Norway	<i>Canadian Mineralogist</i> <b>55</b> (2017), 207	
Hydroxylherderite	$CaBe(PO_4)(OH)$	Rn	2007 s.p.	USA	<i>American Journal of Science</i> <b>147</b> (1894), 329	<i>Mineralogical Magazine</i> <b>78</b> (2014), 723
Hydroxylwagnerite	$Mg_2(PO_4)(OH)$	A	2004-009	Italy	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 553	
Hydroxymanganopyrochlore	$(Mn,Th,Na,Ca,REE)_2(Nb,Ti)_2O_6(OH)$	A	2012-005	Germany	<i>Doklady Earth Sciences</i> <b>449</b> (2013), 342	
Hydrozincite	$Zn_5(CO_3)_2(OH)_6$	G	1853	Austria	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 26	<i>Acta Crystallographica</i> <b>17</b> (1964), 1051
Hylbrownite	$Na_3MgP_3O_{10} \cdot 12H_2O$	A	2010-054	Australia	<i>Mineralogical Magazine</i> <b>77</b> (2013), 385	
Hypercinnabar	HgS	A	1977 s.p.	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1143	

Hyršlite	$Pb_8As_{10}Sb_6S_{32}$	A	2016-097	Peru	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Hyttsjöite	$Pb_{18}Ba_2Ca_5Mn^{2+}_2Fe^{3+}_2Si_{30}O_{90}Cl \cdot 6H_2O$	A	1993-056	Sweden	<i>American Mineralogist</i> <b>81</b> (1996), 743	
Ianbruceite	$Zn_2(AsO_4)(OH)(H_2O) \cdot 2H_2O$	A	2011-049	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1119	
Iangreyite	$Ca_2Al_7(PO_4)_2(PO_3OH)_2(OH,F)_{15} \cdot 8H_2O$	A	2009-087	USA	<i>Mineralogical Magazine</i> <b>75</b> (2011), 327	
Ianthinite	$U^{4+}_2(UO_2)_4O_6(OH)_4 \cdot 9H_2O$	G	1925	Democratic Republic of the Congo	<i>Natuurwetenschappelijk Tijdschrift voor Nederlandsch-Indie</i> <b>7</b> (1925), 97	<i>Journal of Nuclear Materials</i> <b>249</b> (1997), 199
Ice	$H_2O$	G	?	unknown	original paper?	<i>Acta Crystallographica</i> <b>B41</b> (1985), 169
Ice-VII	$H_2O$	A	2017-029	Botswana	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Ichnusaite	$Th(MoO_4)_2 \cdot 3H_2O$	A	2013-087	Italy	<i>American Mineralogist</i> <b>99</b> (2014), 2089	
Icosahedrite	$Al_{63}Cu_{24}Fe_{13}$	A	2010-042	Russia (meteorite)	<i>American Mineralogist</i> <b>96</b> (2011), 928	
Idaite	$Cu_3FeS_4$	G	1958	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1958), 142	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1063
Idrialite	$C_{22}H_{14}$	G	1832	Slovenia	<i>Annales de Chimie et de Physique</i> <b>50</b> (1832), 182	<i>American Mineralogist</i> <b>94</b> (2009), 1325
Imoriite-(Y)	$Y_2(SiO_4)(CO_3)$	A	1967-033	Japan	<i>Geological Survey of Japan</i> <b>39</b> (1968), 85	<i>Canadian Mineralogist</i> <b>34</b> (1996), 817
Ikaite	$Ca(CO_3) \cdot 6H_2O$	A	1962-005	Denmark (Greenland)	<i>Naturens Verden</i> (1963), 168	<i>Zeitschrift für Kristallographie</i> <b>163</b> (1983), 227
Ikanite	$(Na,H_3O)_{15}(Ca,Mn,REE)_6Fe^{3+}_2Zr_3Si_{24}O_{66}(O,OH)_6Cl \cdot nH_2O$	A	2000-010	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(5)</b> (2003), 22	<i>Crystallography Reports</i> <b>48</b> (2003), 717
Ikunolite	$Bi_4S_3$	A	1962 s.p.	Japan	<i>Mineralogical Journal</i> <b>2</b> (1959), 397	
Ilesite	$Mn^{2+}(SO_4) \cdot 4H_2O$	G	1881	USA	<i>American Chemical Journal</i> <b>3</b> (1881), 420	<i>Acta Crystallographica</i> <b>E58</b> (2002), i121
Ilímaussite-(Ce)	$(Ba,Na)_{10}K_3Na_{4.5}Ce_5(Nb,Ti)_6O_6(Si_{12}O_{36})(Si_9O_{18})(O,OH)_{24}$	A	1965-025	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>181(7)</b> (1968), 3	<i>Canadian Mineralogist</i> <b>42</b> (2004), 787
Ilinskite	$NaCu_5O_2(Se^{4+}O_3)_2Cl_3$	A	1996-027	Russia	<i>Doklady Akademii Nauk</i> <b>353</b> (1997), 641	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 235
Iirneyite	$Mg_{0.5}[ZnMn^{3+}(TeO_3)_3] \cdot 4.5H_2O$	A	2015-046	Russia	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	
Ilmajokite	$(Na,Ce,Ba)_{10}Ti_5Si_{14}O_{22}(OH)_{44} \cdot nH_2O$	A	1971-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>101</b> (1972), 75	
Ilmenite	$Fe^{2+}Ti^{4+}O_3$	G	1827	Russia	<i>Archiv für die Gesamte Naturlehre</i> <b>10</b> (1827), 1	<i>Physics and Chemistry of Minerals</i> <b>34</b> (2007), 307
Ilsemannite	$Mo_3O_8 \cdot nH_2O$ (?)	Q	1871	Austria	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1871), 566	<i>American Mineralogist</i> <b>36</b> (1951), 609
Itisite	$HgAgSbCl$	A	1994-031	France	<i>Archives de Sciences de Genève</i> <b>50</b> (1997), 1	
Ilvaite	$CaFe^{3+}Fe^{2+}_2O(Si_2O_7)(OH)$	G	1811	Italy	Vollständiges Handbuch der Oryktognosie, Erster Theil. Halle (1811), 356	<i>Physics and Chemistry of Minerals</i> <b>32</b> (2005), 388



Ilyukhinite	$(\text{H}_2\text{O}, \text{Na})_{14}\text{Ca}_6\text{Mn}_2\text{Zr}_3\text{Si}_{26}\text{O}_{72}(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	A	2015-065	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>145(4)</b> (2016), 44	
Imandrite	$\text{Na}_{12}\text{Ca}_3\text{Fe}^{3+}_2\text{Si}_{12}\text{O}_{36}$	A	1979-025	Russia	<i>Mineralogiceskij Zhurnal</i> <b>1</b> (1979), 89	<i>Doklady Akademii Nauk SSSR</i> <b>252</b> (1980), 618
Imayoshiite	$\text{Ca}_3\text{Al}(\text{CO}_3)[\text{B}(\text{OH})_4](\text{OH})_6 \cdot 12\text{H}_2\text{O}$	A	2013-069	Japan	<i>Mineralogical Magazine</i> <b>79</b> (2015), 413	
Imhofite	$\text{Ti}_{5,8}\text{As}_{15,4}\text{S}_{26}$	A	1971 s.p.	Switzerland	<i>Chimia</i> <b>19</b> (1965), 499	<i>Zeitschrift für Kristallographie</i> <b>144</b> (1976), 323
Imiterite	$\text{Ag}_2\text{HgS}_2$	Rn	1983-038	Morocco	<i>Bulletin de Mineralogie</i> <b>108</b> (1985), 457	
Imogolite	$\text{Al}_2\text{SiO}_3(\text{OH})_4$	Rd	1987 s.p.	Japan	<i>Soil Science and Plant Nutrition</i> <b>8(3)</b> (1962), 114	<i>Mineralogical Magazine</i> <b>51</b> (1987), 327
Inaglyite	$\text{PbCu}_3\text{Ir}_8\text{S}_{16}$	A	1983-054	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 712	
Incomsartorite	$\text{Ti}_6\text{Pb}_{144}\text{As}_{246}\text{S}_{516}$	A	2016-035	Switzerland	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Inderborite	$\text{CaMg}[\text{B}_3\text{O}_3(\text{OH})_5]_2 \cdot 6\text{H}_2\text{O}$	G	1941	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>33</b> (1941), 254	<i>Canadian Mineralogist</i> <b>32</b> (1994), 533
Inderite	$\text{MgB}_3\text{O}_3(\text{OH})_5 \cdot 5\text{H}_2\text{O}$	A	1962 s.p.	Kazakhstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>66(2)</b> (1937), 315	<i>American Mineralogist</i> <b>97</b> (2012), 1858
Indialite	$\text{Mg}_2\text{Al}_3(\text{AlSi}_5)\text{O}_{18}$	G	1954	India	<i>Proceedings of the Japan Academy</i> <b>30</b> (1954), 746	<i>Zeitschrift für Kristallographie</i> <b>190</b> (1990), 271
Indigirite	$\text{Mg}_2\text{Al}_2(\text{CO}_3)_4(\text{OH})_2 \cdot 15\text{H}_2\text{O}$	A	1971-012	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>100</b> (1971), 178	
Indite	$\text{FeIn}_2\text{S}_4$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 445	<i>Journal of Physics and Chemistry of Solids</i> <b>39</b> (1978), 1105
Indium	In	A	1968 s.p.	Russia	<i>Geochemistry, mineralogy, and genetic types of deposits of rare elements</i> <b>2</b> (1964), 568	
Inesite	$\text{Ca}_2\text{Mn}^{2+}_7\text{Si}_{10}\text{O}_{28}(\text{OH})_2 \cdot 5\text{H}_2\text{O}$	G	1887	Germany	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>39</b> (1887), 829	<i>American Mineralogist</i> <b>63</b> (1978), 563
Ingersonite	$\text{Ca}_3\text{Mn}^{2+}\text{Sb}^{5+}_4\text{O}_{14}$	A	1986-021	Sweden	<i>American Mineralogist</i> <b>73</b> (1988), 405	<i>American Mineralogist</i> <b>92</b> (2007), 947
Ingodite	$\text{Bi}_2\text{TeS}$	A	1980-045	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 594	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 31
Innelite	$\text{Ba}_4\text{Ti}_2\text{Na}(\text{NaCa})\text{Ti}(\text{Si}_2\text{O}_7)_2[(\text{SO}_4)(\text{PO}_4)]\text{O}_2[\text{O}(\text{OH})]$	Rd	2016 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>141</b> (1961), 1198	<i>Kristallografiya</i> <b>16</b> (1971), 87
Innsbruckite	$\text{Mn}_{33}(\text{Si}_2\text{O}_5)_{14}(\text{OH})_{38}$	A	2013-038	Austria	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1613	
Insizwaite	$\text{PtBi}_2$	A	1971-031	South Africa	<i>Mineralogical Magazine</i> <b>38</b> (1972), 794	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>620</b> (1994), 393
Intersilite	$\text{Na}_6\text{Mn}(\text{Ti}, \text{Nb})\text{Si}_{10}(\text{O}, \text{OH})_{28} \cdot 4\text{H}_2\text{O}$	A	1995-033	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(4)</b> (1996), 79	<i>Crystallography Reports</i> <b>41</b> (1996) 239
Inyoite	$\text{CaB}_3\text{O}_3(\text{OH})_5 \cdot 4\text{H}_2\text{O}$	G	1914	USA	<i>Journal of the Washington Academy of Sciences</i> <b>4</b> (1914), 354	<i>Acta Crystallographica</i> <b>12</b> (1959), 162



Iodargyrite	Agl	A	1962 s.p.	Mexico	Cours de Minéralogie (Histoire naturelle). Masson, Paris (1859)	<i>Canadian Mineralogist</i> <b>35</b> (1997), 23
Iowaite	$Mg_6Fe^{3+}_2(OH)_{16}Cl_2 \cdot 4H_2O$	A	1967-002	USA	<i>American Mineralogist</i> <b>52</b> (1967), 1261	<i>Mineralogical Magazine</i> <b>58</b> (1994), 79
Iquiqueite	$K_3Na_4Mg(CrO_4)B_{24}O_{39}(OH) \cdot 12H_2O$	A	1984-019	Chile	<i>American Mineralogist</i> <b>71</b> (1986), 830	
Iranite	$CuPb_{10}(CrO_4)_6(SiO_4)_2(OH)_2$	A	1980 s.p.	Iran	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>86</b> (1963), 133	<i>Acta Crystallographica</i> <b>C63</b> (2007), i122
Iraqite-(La)	$KCa_2(La,Ce,Th)Si_8O_{20}$	A	1973-041	Iraq	<i>Mineralogical Magazine</i> <b>40</b> (1976), 441	
Irarsite	IrAsS	A	1966-028	South Africa	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>95</b> (1966), 700	<i>Mineralium Deposita</i> <b>22</b> (1987), 178
Irhtemite	$Ca_4Mg(AsO_4)_2(AsO_3OH)_2 \cdot 4H_2O$	A	1971-034	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>95</b> (1972), 365	
Iridarsenite	IrAs <sub>2</sub>	A	1973-021	Papua New Guinea	<i>Canadian Mineralogist</i> <b>12</b> (1974), 280	
Iridium	Ir	Rd	1991 s.p.	Russia ?	<i>Philosophical Transactions of the Royal Society of London</i> <b>94</b> (1804), 411	<i>Canadian Mineralogist</i> <b>29</b> (1991), 231
Iriginite	$(UO_2)Mo^{6+}_2O_7 \cdot 3H_2O$	G	1957	Russia	Mineraly Urana Spravochnik (Uranium Minerals Handbook). Moscow (1957)	<i>Canadian Mineralogist</i> <b>38</b> (2000), 847
Irinarassite	$Ca_3Sn_2(SiAl_2)O_{12}$	A	2010-073	Russia	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2857	
Iron	Fe	G	?	unknown	original paper?	
Irtysite	$Na_2Ta_4O_{11}$	A	1984-025	Kazakhstan	<i>Mineralogicheskii Zhurnal</i> <b>7(3)</b> (1985), 87	
Iseite	$Mn_2Mo_3O_8$	A	2012-020	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>108</b> (2014), 37	
Ishiharaite	(Cu,Ga,Fe,In,Zn)S	A	2013-119	Argentina	<i>Canadian Mineralogist</i> <b>52</b> (2014), 969	
Ishikawaite	(U,Fe,Y)NbO <sub>4</sub>	G	1922	Japan	<i>Journal of the Chemical Society of Japan</i> <b>29</b> (1922), 648	<i>Mineralogical Magazine</i> <b>63</b> (1999), 27
Isoclasite	$Ca_2(PO_4)(OH) \cdot 2H_2O$	Q	1870	Czech Republic	<i>Journal für Praktische Chemie, Neue Folge</i> <b>2</b> (1870), 125	
Isocubanite	$CuFe_2S_3$	A	1983 s.p.	Pacific Ocean	<i>Mineralogical Magazine</i> <b>52</b> (1988), 509	<i>Zeitschrift für Kristallographie</i> <b>140</b> (1974), 240
Isoferroplatinum	Pt <sub>3</sub> Fe	A	1974-012a	Canada	<i>Canadian Mineralogist</i> <b>13</b> (1975), 117	<i>Doklady Akademii Nauk, Earth Science Sections</i> <b>407</b> (2006), 335
Isokite	$CaMg(PO_4)F$	G	1955	Zambia	<i>Mineralogical Magazine</i> <b>30</b> (1955), 681	<i>Acta Crystallographica</i> <b>C63</b> (2007), i89
Isolueshite	NaNbO <sub>3</sub>	A	1995-024	Russia	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 483	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 597
Isomertieite	$Pd_{11}Sb_2As_2$	A	1973-057	Brazil	<i>Mineralogical Magazine</i> <b>39</b> (1974), 528	<i>Canadian Mineralogist</i> <b>54</b> (2016), 511
Isovite	$(Cr,Fe)_{23}C_6$	A	1996-039	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(5)</b> (1998), 26	
Itelmenite	$Na_4Mg_3Cu_3(SO_4)_8$	A	2015-047	Russia	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	
Itoigawaite	$SrAl_2Si_2O_7(OH)_2 \cdot H_2O$	A	1998-034	Japan	<i>Mineralogical Magazine</i> <b>63</b> (1999), 909	
Itoite	$Pb_3GeO_2(SO_4)_2(OH)_2$	A	1962 s.p.	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1960), 132	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>123</b> (1975), 160
Itsiite	$Ba_2Ca(BSi_2O_7)_2$	A	2013-085	Canada	<i>Canadian Mineralogist</i> <b>52</b> (2014), 401	
Ivanyukite-Cu	$Cu[Ti_4O_2(OH)_2(SiO_4)_3] \cdot 7H_2O$	A	2007-043	Russia	<i>American Mineralogist</i> <b>94</b> (2009), 1450	

Ivanyukite-K	$K_2[Ti_4O_2(OH)_2(SiO_4)_3] \cdot 9H_2O$	A	2007-042	Russia	<i>American Mineralogist</i> <b>94</b> (2009), 1450	
Ivanyukite-Na	$Na_2[Ti_4O_2(OH)_2(SiO_4)_3] \cdot 6H_2O$	A	2007-041	Russia	<i>American Mineralogist</i> <b>94</b> (2009), 1450	
Ivsite	$Na_3H(SO_4)_2$	A	2013-138	Russia	<i>Doklady Earth Sciences</i> <b>468</b> (2016), 632	
Iwakiite	$Mn^{2+}Fe^{3+}_2O_4$	A	1974-049	Japan	<i>Mineralogical Journal</i> <b>9</b> (1979), 383	<i>Zeitschrift für Kristallographie</i> <b>185</b> (1988), 605
Iwashiroite-(Y)	$YTaO_4$	A	2003-053	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>101</b> (2006), 170	<i>Acta Crystallographica</i> <b>23</b> (1967), 939
Iwateite	$Na_2BaMn(PO_4)_2$	A	2013-034	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>109</b> (2014), 34	
Ixiolite	$(Ta,Mn,Nb)O_2$	Rd	1962 s.p.	Finland	<i>Annalen der Physik und Chemie</i> <b>11</b> (1857), 625	<i>Canadian Mineralogist</i> <b>14</b> (1976), 540
Iyoite	$MnCuCl(OH)_3$	A	2013-130	Japan	<i>Mineralogical Magazine</i> <b>81</b> (2017), 485	
Izoklakeite	$Pb_{26,4}(Cu,Fe)_2(Sb,Bi)_{19,6}S_{57}$	A	1983-065	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 1	<i>American Mineralogist</i> <b>72</b> (1987), 821
Jáchymovite	$(UO_2)_8(SO_4)(OH)_{14} \cdot 13H_2O$	A	1994-025	Czech Republic	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>170</b> (1996), 155	
Jacobsite	$Mn^{2+}Fe^{3+}_2O_4$	A	1982 s.p.	Sweden	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>69</b> (1869), 168	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 31
Jacquediétrichite	$Cu_2BO(OH)_5$	A	2003-012	Morocco	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 361	
Jacutingaite	$Pt_2HgSe_3$	A	2010-078	Brazil	<i>Canadian Mineralogist</i> <b>50</b> (2012), 431	<i>Canadian Mineralogist</i> <b>50</b> (2012), 441
Jadarite	$LiNaB_3SiO_7(OH)$	A	2006-036	Serbia	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 575	<i>Acta Crystallographica</i> <b>B63</b> (2007), 396
Jadeite	$NaAlSi_2O_6$	A	1988 s.p.	Burma	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>56</b> (1863), 861	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1593
Jaffeite	$Ca_6Si_2O_7(OH)_6$	A	1987-056	Namibia	<i>American Mineralogist</i> <b>74</b> (1989), 1203	<i>Crystallography Reports</i> <b>38</b> (1993), 464
Jagoite	$Pb_{18}Fe^{3+}_4[Si_4(Si,Fe^{3+})_6][Pb_4Si_{16}(Si,Fe)_4]O_{82}Cl_6$	G	1957	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>2</b> (1957), 315	<i>American Mineralogist</i> <b>66</b> (1981), 852
Jagowerite	$BaAl_2(PO_4)_2(OH)_2$	A	1973-001	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 135	<i>American Mineralogist</i> <b>59</b> (1974), 291
Jagüéite	$Cu_2Pd_3Se_4$	Rn	2002-060	Argentina	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1745	<i>Canadian Mineralogist</i> <b>44</b> (2006), 497
Jahnsite-(CaFeMg)	$CaFe^{2+}Mg_2Fe^{3+}_2(PO_4)_4(OH)_2 \cdot 8H_2O$	A	2013-111	Australia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 991	
Jahnsite-(CaMnFe)	$CaMn^{2+}Fe^{2+}_2Fe^{3+}_2(PO_4)_4(OH)_2 \cdot 8H_2O$	Rd	1978 s.p.	USA	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	
Jahnsite-(CaMnMg)	$CaMn^{2+}Mg_2Fe^{3+}_2(PO_4)_4(OH)_2 \cdot 8H_2O$	Rd	1973-022	USA	<i>American Mineralogist</i> <b>59</b> (1974), 48	<i>American Mineralogist</i> <b>59</b> (1974), 964
Jahnsite-(CaMnMn)	$CaMn^{2+}Mn^{2+}_2Fe^{3+}_2(PO_4)_4(OH)_2 \cdot 8H_2O$	A	1987-020a	Portugal	<i>American Mineralogist</i> <b>75</b> (1990), 401	
Jahnsite-(MnMnMn)	$Mn^{2+}Mn^{2+}Mn^{2+}_2Fe^{3+}_2(PO_4)_4(OH)_2 \cdot 8H_2O$	Rd	1978 s.p.	USA	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	
Jahnsite-(NaFeMg)	$NaFe^{3+}Mg_2Fe^{3+}_2(PO_4)_4(OH)_2 \cdot 8H_2O$	A	2007-016	USA	<i>American Mineralogist</i> <b>93</b> (2008), 940	
Jaipurite	$CoS$	Q	1880	India	<i>Doklady Akademii Nauk SSSR</i> <b>303</b> (1988), 1206	
Jakobssonite	$CaAlF_5$	A	2011-036	Iceland	<i>Mineralogical Magazine</i> <b>76</b> (2012), 751	
Jalpaite	$Ag_3CuS_2$	G	1858 ?	Mexico	<i>Berg- und Hüttenmannische Zeitung</i> <b>17</b> (1858), 85	<i>Australian Journal of Chemistry</i> <b>45</b> (1992), 1441
Jamborite	$Ni^{2+}_{1-x}Co^{3+}_x(OH)_{2-x}(SO_4)_x \cdot nH_2O$ [ $x \leq 1/3$ ; $n \leq (1-x)$ ]	A	2014 s.p.	Italy	<i>American Mineralogist</i> <b>58</b> (1973), 835	<i>Canadian Mineralogist</i> <b>53</b> (2015), 791
Jamesite	$Pb_2ZnFe^{3+}_2(Fe^{3+},Zn)_4(AsO_4)_4(OH)_8(OH,O)_2$	A	1978-079	Namibia	<i>Chemie der Erde</i> <b>40</b> (1981), 105	

Jamesonite	$\text{Pb}_4\text{FeSb}_6\text{S}_{14}$	G	1825	United Kingdom	Treatise on Mineralogy, or the Natural History of the Mineral Kingdom, Vol. 1. Constable, Edinburgh (1825), 451	<i>Zeitschrift für Kristallographie</i> <b>109</b> (1957), 161
Janggunitite	$(\text{Mn}^{4+}, \text{Mn}^{2+}, \text{Fe}^{3+})_6\text{O}_8(\text{OH})_6$	A	1975-011	South Korea	<i>Mineralogical Magazine</i> <b>41</b> (1977), 519	
Janhaugite	$\text{Na}_3\text{Mn}^{2+}_3\text{Ti}_2(\text{Si}_2\text{O}_7)_2(\text{O}, \text{OH}, \text{F})_4$	A	1981-018	Norway	<i>American Mineralogist</i> <b>68</b> (1983), 1216	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 7
Jankovičite	$\text{Ti}_5\text{Sb}_9(\text{As}, \text{Sb})_4\text{S}_{22}$	A	1993-050	Macedonia	<i>Mineralogy and Petrology</i> <b>53</b> (1995), 125	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 479
Jarandolite	$\text{CaB}_3\text{O}_4(\text{OH})_3$	A	1995-020c	Serbia	<i>New Data on Minerals</i> <b>39</b> (2004), 26	<i>Crystallography Reports</i> <b>39</b> (1994), 991
Jarlite	$\text{Na}_2(\text{Sr}, \text{Na})_{14}(\text{Mg}, \square)_2\text{Al}_{12}\text{F}_{64}(\text{OH})_4$	G	1933	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>92</b> (1933), 2	<i>Canadian Mineralogist</i> <b>30</b> (1992), 449
Jarosewichite	$\text{Mn}^{3+}\text{Mn}^{2+}_3(\text{AsO}_4)(\text{OH})_6$	A	1981-060	USA	<i>American Mineralogist</i> <b>67</b> (1982), 1043	
Jarosite	$\text{KFe}^{3+}_3(\text{SO}_4)_2(\text{OH})_6$	Rd	1987 s.p.	Spain	<i>Berg- und Hüttenmannische Zeitung</i> <b>11</b> (1852), 68	<i>American Mineralogist</i> <b>95</b> (2010), 1590
Jaskólskiite	$\text{Cu}_x\text{Pb}_{2-x}(\text{Sb}, \text{Bi})_{2-x}\text{S}_5$ ( $x \approx 0.15$ )	A	1982-057	Sweden	<i>Canadian Mineralogist</i> <b>22</b> (1984), 481	<i>Zeitschrift für Kristallographie</i> <b>171</b> (1985), 179
Jasmundite	$\text{Ca}_{11}\text{O}_2(\text{SiO}_4)_4\text{S}$	A	1981-047	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 337	<i>Acta Crystallographica</i> <b>B37</b> (1981), 803
Jasrouxite	$\text{Ag}_{16}\text{Pb}_4(\text{Sb}_{25}\text{As}_{15})_{\Sigma 40}\text{S}_{72}$	A	2012-058	France	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 1031	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 145
Jaszczakite	$[\text{Bi}_3\text{S}_3][\text{AuS}_2]$	A	2016-077	Hungary	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 673	
Javorieite	$\text{KFeCl}_3$	A	2016-020	Slovakia	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Jeanbandyite	$\text{Fe}^{3+}\text{Sn}(\text{OH})_5\text{O}$	A	1980-043	Bolivia	<i>Mineralogical Record</i> <b>13</b> (1982), 235	<i>Mineralogical Magazine</i> <b>81</b> (2017), 297
Jedwabite	$\text{Fe}_7\text{Ta}_3$	A	1995-043	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(2)</b> (1997), 100	
Jeffbenite	$\text{Mg}_3\text{Al}_2\text{Si}_3\text{O}_{12}$	A	2014-097	Brazil	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1219	
Jeffreyite	$(\text{Ca}, \text{Na})_2(\text{Be}, \text{Al})\text{Si}_2(\text{O}, \text{OH})_7$	A	1982-095	Canada	<i>Canadian Mineralogist</i> <b>22</b> (1984), 443	
Jennite	$\text{Ca}_9(\text{Si}_3\text{O}_9)_2(\text{OH})_6 \cdot 8\text{H}_2\text{O}$	A	1965-021	USA	<i>American Mineralogist</i> <b>51</b> (1966), 56	<i>Cement and Concrete Research</i> <b>34</b> (2004), 1481
Jensenite	$\text{Cu}^{2+}_3\text{Te}^{6+}\text{O}_6 \cdot 2\text{H}_2\text{O}$	A	1994-043	USA	<i>Canadian Mineralogist</i> <b>34</b> (1996), 49	<i>Canadian Mineralogist</i> <b>34</b> (1996), 55
Jentschite	$\text{TiPbAs}_2\text{SbS}_6$	A	1993-025	Switzerland	<i>Mineralogical Magazine</i> <b>61</b> (1997), 131	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>76</b> (1996), 147
Jeppeite	$(\text{K}, \text{Ba})_2(\text{Ti}, \text{Fe}^{3+})_6\text{O}_{13}$	A	1980-080	Australia	<i>Mineralogical Magazine</i> <b>48</b> (1984), 263	<i>Australian Journal of Chemistry</i> <b>30</b> (1977), 1195
Jeremejevite	$\text{Al}_6(\text{BO}_3)_5\text{F}_3$	G	1883	Russia	<i>Bulletin de la Société Minéralogique de France</i> <b>6</b> (1883), 20	<i>Zeitschrift für Kristallographie</i> <b>165</b> (1983), 255
Jerrygibbsite	$\text{Mn}^{2+}_9(\text{SiO}_4)_4(\text{OH})_2$	A	1981-059	USA	<i>American Mineralogist</i> <b>69</b> (1984), 546	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 410
Jervisite	$\text{NaSc}^{3+}\text{Si}_2\text{O}_6$	A	1980-012	Italy	<i>American Mineralogist</i> <b>67</b> (1982), 599	<i>Periodico di Mineralogia</i> <b>75</b> (2006), 189
Ježekite	$\text{Na}_8[(\text{UO}_2)(\text{CO}_3)_3](\text{SO}_4)_2 \cdot 3\text{H}_2\text{O}$	A	2014-079	Czech Republic	<i>Journal of Geosciences</i> <b>60</b> (2015), 259	
Jianshuiite	$\text{MgMn}^{4+}_3\text{O}_7 \cdot 3\text{H}_2\text{O}$	A	1990-019	China	<i>Acta Mineralogica Sinica</i> <b>12(1)</b> (1992), 69	<i>American Mineralogist</i> <b>101</b> (2016), 414
Jimboite	$\text{Mn}^{2+}_3(\text{BO}_3)_2$	A	1963-002	Japan	<i>Proceedings of the Japan Academy, ser. B</i> <b>39</b> (1963), 170	<i>Mineralogical Journal</i> <b>4</b> (1965), 380
Jimthompsonite	$\text{Mg}_5\text{Si}_6\text{O}_{16}(\text{OH})_2$	A	1977-011	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1000	<i>American Mineralogist</i> <b>63</b> (1978), 1053

Jinshajiangite	BaNaFe <sup>2+</sup> <sub>4</sub> Ti <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> O <sub>2</sub> (OH) <sub>2</sub> F	Rd	1981-061	China	<i>Geochemistry (China)</i> <b>1</b> (1982), 458	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1185
Jixianite	(Pb, □) <sub>2</sub> (W, Fe <sup>3+</sup> ) <sub>2</sub> (O, OH) <sub>7</sub>	Q	2013 s.p.	China	<i>Acta Geologica Sinica</i> <b>53</b> (1979), 46	
Joanneumite	Cu(C <sub>3</sub> N <sub>3</sub> O <sub>3</sub> H <sub>2</sub> ) <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub>	A	2012-001	Chile	<i>Mineralogical Magazine</i> <b>81</b> (2017), 155	
Joaquinite-(Ce)	NaBa <sub>2</sub> Fe <sup>2+</sup> Ti <sub>2</sub> Ce <sub>2</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> O <sub>2</sub> (OH)·H <sub>2</sub> O	Rd	2001 s.p.	USA	<i>Bulletin of the University of California, Department of Geology</i> <b>5</b> (1909), 331	<i>American Mineralogist</i> <b>60</b> (1975), 872
Joegoldsteinite	MnCr <sub>2</sub> S <sub>4</sub>	A	2015-049	USA	<i>American Mineralogist</i> <b>101</b> (2016), 1217	
Joëlbruggerite	Pb <sub>3</sub> Zn <sub>3</sub> Sb <sup>5+</sup> As <sub>2</sub> O <sub>13</sub> (OH)	A	2008-034	USA	<i>American Mineralogist</i> <b>94</b> (2009), 1012	
Joesmithite	Pb <sup>2+</sup> Ca <sub>2</sub> (Mg <sub>3</sub> Fe <sup>3+</sup> ) <sub>2</sub> (Si <sub>6</sub> Be <sub>2</sub> )O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>4</b> (1968), 487	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 97
Johachidolite	CaAlB <sub>3</sub> O <sub>7</sub>	Rd	1977 s.p.	North Korea	<i>Scientific Papers of the Institute of Physical and Chemical Research</i> <b>39</b> (1942), 300	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 965
Johannite	Cu(UO <sub>2</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	G	1830	Czech Republic	<i>Edinburgh Journal of Science</i> <b>3</b> (1830), 306	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>30</b> (1982), 47
Johannsenite	CaMnSi <sub>2</sub> O <sub>6</sub>	A	1988 s.p.	Italy / USA	<i>American Mineralogist</i> <b>23</b> (1938), 575	<i>American Mineralogist</i> <b>52</b> (1967), 709
Johillerite	NaCuMg <sub>3</sub> (AsO <sub>4</sub> ) <sub>3</sub>	A	1980-014	Namibia	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>29</b> (1982), 169	<i>Canadian Mineralogist</i> <b>42</b> (2004), 717
Johnbaumite	Ca <sub>5</sub> (AsO <sub>4</sub> ) <sub>3</sub> (OH)	A	1980 s.p.	USA	<i>American Mineralogist</i> <b>65</b> (1980), 1143	<i>American Mineralogist</i> <b>98</b> (2013), 1580
Johninnesite	Na <sub>2</sub> Mn <sup>2+</sup> <sub>9</sub> Mg <sub>7</sub> (AsO <sub>4</sub> ) <sub>2</sub> (Si <sub>6</sub> O <sub>17</sub> ) <sub>2</sub> (OH) <sub>8</sub>	A	1985-046	Namibia	<i>Mineralogical Magazine</i> <b>50</b> (1986), 667	<i>American Mineralogist</i> <b>79</b> (1994), 991
Johnsenite-(Ce)	Na <sub>12</sub> Ce <sub>3</sub> Ca <sub>6</sub> Mn <sub>3</sub> Zr <sub>3</sub> WSi <sub>25</sub> O <sub>73</sub> (CO <sub>3</sub> )(OH) <sub>2</sub>	A	2004-026	Canada	<i>Canadian Mineralogist</i> <b>44</b> (2006), 105	
Johnsomervilleite	Na <sub>10</sub> Ca <sub>6</sub> Mg <sub>18</sub> Fe <sup>2+</sup> <sub>25</sub> (PO <sub>4</sub> ) <sub>36</sub>	A	1979-032	United Kingdom	<i>Mineralogical Magazine</i> <b>43</b> (1980), 833	
Johntomaite	BaFe <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>3</sub>	A	1999-009	Australia	<i>Mineralogy and Petrology</i> <b>70</b> (2000), 1	
Johnwalkite	K(Mn <sup>2+</sup> , Fe <sup>3+</sup> ) <sub>2</sub> (Nb, Ta)O <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> ·2(H <sub>2</sub> O, OH)	A	1985-008	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 115	
Jôkokuite	Mn <sup>2+</sup> (SO <sub>4</sub> )·5H <sub>2</sub> O	A	1976-045	Japan	<i>Mineralogical Journal</i> <b>9</b> (1978), 28	<i>Zeitschrift für Naturforschung</i> <b>A37</b> (1982), 581
Joliotite	(UO <sub>2</sub> )(CO <sub>3</sub> )·2H <sub>2</sub> O	A	1974-014	Germany	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>56</b> (1976), 167	
Jolliffeite	NiAsSe	A	1989-011	Canada	<i>Canadian Mineralogist</i> <b>29</b> (1991), 411	
Jonassonite	Au(Bi, Pb) <sub>5</sub> S <sub>4</sub>	A	2004-031	Hungary	<i>Canadian Mineralogist</i> <b>44</b> (2006) 1127	
Jonesite	KBa <sub>2</sub> Ti <sub>2</sub> (Si <sub>5</sub> Al)O <sub>18</sub> ·nH <sub>2</sub> O	A	1976-040	USA	<i>Mineralogical Record</i> <b>8</b> (1977), 453	<i>American Mineralogist</i> <b>89</b> (2004), 314
Joosteite	Mn <sup>2+</sup> Mn <sup>3+</sup> O(PO <sub>4</sub> )	A	2005-013	Namibia	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>183</b> (2007), 197	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>184</b> (2007), 225
Jordanite	Pb <sub>14</sub> (As, Sb) <sub>6</sub> S <sub>23</sub>	G	1864	Switzerland	<i>Annalen der Physik und Chemie</i> <b>122</b> (1864), 371	<i>Zeitschrift für Kristallographie</i> <b>139</b> (1974), 161
Jordisite	MoS <sub>2</sub>	G	1909	Germany	<i>Zeitschrift für Chemie und Industrie der Kolloide</i> <b>4</b> (1909), 190	<i>American Mineralogist</i> <b>86</b> (2001), 852
Jørgensenite	Na <sub>2</sub> Sr <sub>14</sub> Na <sub>2</sub> Al <sub>12</sub> F <sub>64</sub> (OH) <sub>4</sub>	A	1995-046	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>35</b> (1997), 175	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1509
Jörgkellerite	Na <sub>3</sub> Mn <sup>3+</sup> <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (CO <sub>3</sub> )O <sub>2</sub> ·5H <sub>2</sub> O	A	2015-020	Tanzania	<i>Mineralogy and Petrology</i> <b>111</b> (2017), 373	
Joséite-A	Bi <sub>4</sub> TeS <sub>2</sub>	Q	1853	Brazil	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 121	<i>Canadian Mineralogist</i> <b>45</b> (2007), 665
Joséite-B	Bi <sub>4</sub> Te <sub>2</sub> S	Q	1949	Canada	<i>American Mineralogist</i> <b>34</b> (1949), 342	<i>Canadian Mineralogist</i> <b>45</b> (2007), 665

Joteite	$\text{Ca}_2\text{CuAl}(\text{AsO}_4)[\text{AsO}_3(\text{OH})]_2(\text{OH})_2 \cdot 5\text{H}_2\text{O}$	A	2012-091	Chile	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2811	
Jouravskite	$\text{Ca}_3\text{Mn}^{4+}(\text{SO}_4)(\text{CO}_3)(\text{OH})_6 \cdot 12\text{H}_2\text{O}$	A	1965-009	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>88</b> (1965), 254	<i>Acta Crystallographica</i> <b>B25</b> (1969), 1943
Juabite	$\text{CaCu}_{10}(\text{Te}^{4+}\text{O}_3)_4(\text{AsO}_4)_4(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	1996-001	USA	<i>Mineralogical Magazine</i> <b>61</b> (1997), 139	<i>Canadian Mineralogist</i> <b>38</b> (2000), 809
Juangodoyite	$\text{Na}_2\text{Cu}(\text{CO}_3)_2$	A	2004-036	Chile	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>182</b> (2005), 11	<i>Acta Crystallographica</i> <b>B42</b> (1986), 430
Juanitaite	$(\text{Cu}, \text{Ca}, \text{Fe})_{10}\text{Bi}(\text{AsO}_4)_4(\text{OH})_{11} \cdot 2\text{H}_2\text{O}$	A	1999-022	USA	<i>Mineralogical Record</i> <b>31</b> (2000), 301	
Juanite	$\text{Ca}_{10}(\text{Mg}, \text{Fe}^{2+})_4(\text{Si}, \text{Al})_{13}(\text{O}, \text{OH})_{39} \cdot 4\text{H}_2\text{O} (?)$	Q	1932	USA	<i>American Mineralogist</i> <b>17</b> (1932), 343	<i>Geologiya i Geofizika</i> <b>12</b> (1971), 62
Juansilvaite	$\text{Na}_5\text{Al}_3[\text{AsO}_3(\text{OH})]_4[\text{AsO}_2(\text{OH})_2]_2(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	A	2015-080	Chile	<i>Mineralogical Magazine</i> <b>81</b> (2017), 619	
Julgoldite-(Fe <sup>2+</sup> )	$\text{Ca}_2\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$	Rn	1966-033	Sweden	<i>Lithos</i> <b>4</b> (1971), 93	<i>Mineralogical Magazine</i> <b>39</b> (1973), 271
Julgoldite-(Fe <sup>3+</sup> )	$\text{Ca}_2\text{Fe}^{3+}\text{Fe}^{3+}_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)\text{O}(\text{OH}) \cdot \text{H}_2\text{O}$	Rn	1973 s.p.	Sweden	<i>Canadian Mineralogist</i> <b>12</b> (1973), 219	<i>American Mineralogist</i> <b>88</b> (2003), 1084
Julgoldite-(Mg)	$\text{Ca}_2\text{MgFe}^{3+}_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$	Rn	1973 s.p.	Japan	<i>Canadian Mineralogist</i> <b>12</b> (1973), 219	
Julienite	$\text{Na}_2\text{Co}(\text{SCN})_4 \cdot 8\text{H}_2\text{O}$	Rn	2007 s.p.	Democratic Republic of the Congo	<i>Natuurwetenschappelijk Tijdschrift</i> <b>10(2)</b> (1928), 58	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1084
Jungite	$\text{Ca}_2\text{Zn}_4\text{Fe}^{3+}_8(\text{PO}_4)_9(\text{OH})_9 \cdot 16\text{H}_2\text{O}$	A	1977-034	Germany	<i>Aufschluss</i> <b>31</b> (1980), 55	
Junitoite	$\text{CaZn}_2\text{Si}_2\text{O}_7 \cdot \text{H}_2\text{O}$	A	1975-042	USA	<i>American Mineralogist</i> <b>61</b> (1976), 1255	<i>Acta Crystallographica</i> <b>E68</b> (2012), i73
Junoite	$\text{Cu}_2\text{Pb}_3\text{Bi}_8(\text{S}, \text{Se})_{16}$	A	1974-011	Australia	<i>Economic Geology</i> <b>70</b> (1975), 369	<i>American Mineralogist</i> <b>60</b> (1975), 548
Juonniite	$\text{CaMgSc}(\text{PO}_4)_2(\text{OH}) \cdot 4\text{H}_2\text{O}$	A	1996-060	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(4)</b> (1997), 80	
Jurbanite	$\text{Al}(\text{SO}_4)(\text{OH}) \cdot 5\text{H}_2\text{O}$	A	1974-023	USA	<i>American Mineralogist</i> <b>61</b> (1976), 1	<i>Zeitschrift für Kristallographie</i> <b>173</b> (1985), 33
Jusite	$\text{Na}_2\text{Ca}_{15}\text{Al}_4\text{Si}_{16}\text{O}_{54} \cdot 17\text{H}_2\text{O}$	Q	1943	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> <b>A49</b> (1943), 178	<i>Mineralogical Abstracts</i> <b>9</b> (1944), 37
Kaatialaite	$\text{Fe}^{3+}(\text{H}_2\text{AsO}_4)_3 \cdot 5\text{H}_2\text{O}$	A	1982-021	Finland	<i>American Mineralogist</i> <b>69</b> (1984), 383	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1402
Kadyrelite	$([\text{Hg}^{1+}]_2)_3\text{OBr}_3(\text{OH})$	A	1986-042	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 733	<i>American Mineralogist</i> <b>77</b> (1992), 839
Kaersutite	$\text{NaCa}_2(\text{Mg}_3\text{AlTi}^{4+})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{O}_2$	Rd	2012 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>7</b> (1893), 27	<i>Mineralogical Magazine</i> <b>39</b> (1973), 390
Kahlerite	$\text{Fe}^{2+}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 12\text{H}_2\text{O}$	G	1953	Austria	<i>Der Karinthin</i> <b>23</b> (1953), 277	
Kainite	$\text{KMg}(\text{SO}_4)\text{Cl} \cdot 3\text{H}_2\text{O}$	G	1865	Germany	<i>Berg- und Huttenmannische Zeitung</i> <b>24</b> (1865), 79	<i>American Mineralogist</i> <b>57</b> (1972), 1325
Kainosite-(Y)	$\text{Ca}_2\text{Y}_2(\text{SiO}_3)_4(\text{CO}_3) \cdot \text{H}_2\text{O}$	A	1987 s.p.	Norway	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>8</b> (1886), 143	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 153
Kainotropite	$\text{Cu}_4\text{Fe}^{3+}\text{O}_2(\text{V}_2\text{O}_7)(\text{VO}_4)$	A	2015-053	Russia	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	
Kalborsite	$\text{K}_6\text{Al}_4\text{BSi}_6\text{O}_{20}(\text{OH})_4\text{Cl}$	A	1979-033	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>252</b> (1980), 1465	<i>Doklady Akademii Nauk SSSR</i> <b>252</b> (1980), 611
Kaloorlieite	$\text{As}_2\text{Te}_3$	A	2015-119	Australia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Kalborite	$\text{KMg}_2\text{B}_{12}\text{O}_{16}(\text{OH})_{10} \cdot 4\text{H}_2\text{O}$	G	1889	Germany	<i>Chemiker-Zeitung</i> <b>73</b> (1889), 1188	<i>Canadian Mineralogist</i> <b>32</b> (1994), 885
Kalicinite	$\text{KH}(\text{CO}_3)$	G	1865	Switzerland	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>60</b> (1865), 918	<i>American Mineralogist</i> <b>88</b> (2003), 1446

Kalifersite	$K_5Fe^{3+}_7Si_{20}O_{50}(OH)_6 \cdot 12H_2O$	A	1996-007	Russia	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 865	
Kalininite	$ZnCr_2S_4$	A	1984-028	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 622	<i>Physics and Chemistry of Minerals</i> <b>24</b> (1997), 597
Kalinite	$KAl(SO_4)_2 \cdot 11H_2O$	D?	1868	unknown	A System of Mineralogy, 5th ed. Wiley, New York (1868), 652	
Kaliochalcite	$KCu_2(SO_4)_2[(OH)(H_2O)]$	A	2013-037	Russia	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 597	
Kaliophilite	$KAlSiO_4$	G	1887	Italy	<i>Mineralogische und Petrographische Mittheilungen</i> <b>8</b> (1887), 113	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 1209
Kalistrontite	$K_2Sr(SO_4)_2$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 712	
Kalithallite	$K_3Ti^{3+}Cl_6 \cdot 2H_2O$	A	2017-044	Russia	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Kalsilite	$KAlSiO_4$	G	1942	Uganda	<i>Mineralogical Magazine</i> <b>26</b> (1942), 218	<i>American Mineralogist</i> <b>95</b> (2010), 1024
Kalungaite	$PdAsSe$	A	2004-047	Brazil	<i>Mineralogical Magazine</i> <b>70</b> (2006), 123	<i>Journal of Solid State Chemistry</i> <b>162</b> (2001), 69
Kamaishilite	$Ca_2(SiAl_2)O_6(OH)_2$	A	1980-052	Japan	<i>Proceedings of the Japan Academy</i> <b>57B</b> (1981), 239	
Kamarizaite	$Fe^{3+}_3(AsO_4)_2(OH)_3 \cdot 3H_2O$	A	2008-017	Greece	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(3)</b> (2009), 100	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 71
Kambaldaite	$NaNi_4(CO_3)_3(OH)_3 \cdot 3H_2O$	A	1982-098	Australia	<i>American Mineralogist</i> <b>70</b> (1985), 419	<i>American Mineralogist</i> <b>70</b> (1985), 423
Kamchatkite	$KCu_3O(SO_4)_2Cl$	A	1987-018	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>117</b> (1988), 459	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 499
Kamenevite	$K_2TiSi_3O_9 \cdot H_2O$	A	2017-021	Russia	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Kamiokite	$Fe^{2+}_2Mo^{4+}_3O_8$	A	1975-003	Japan	<i>Mineralogical Journal</i> <b>12</b> (1985), 393	<i>Acta Crystallographica</i> <b>C42</b> (1986), 9
Kamitugaite	$PbAl(UO_2)_5(PO_4)_2(OH)_9 \cdot 9.5H_2O$	Rn	1983-030	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>107</b> (1984), 15	
Kamotoite-(Y)	$Y_2O_4(UO_2)_4(CO_3)_3 \cdot 14H_2O$	Rn	1985-051	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>109</b> (1986), 643	<i>Mineralogical Magazine</i> <b>81</b> (2017), 653
Kampelite	$Ba_6Mg_3Sc_8(PO_4)_{12}(OH)_6 \cdot 7H_2O$	A	2016-084	Russia	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Kampfite	$Ba_{12}(Si_{11}Al_5)O_{31}(CO_3)_8Cl_5$	A	2000-003	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1053	<i>Canadian Mineralogist</i> <b>45</b> (2007), 935
Kamphaugite-(Y)	$CaY(CO_3)_2(OH) \cdot H_2O$	A	1987-043	Norway	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 679	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 685
Kanemite	$HNaSi_2O_5 \cdot 3H_2O$	A	1971-050	Chad	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>95</b> (1972), 371	<i>Mineralogical Magazine</i> <b>79</b> (2015), 103
Kangite	$(Sc, Ti, Al, Zr, Mg, Ca, \square)_2O_3$	A	2011-092	Mexico (meteorite)	<i>American Mineralogist</i> <b>98</b> (2013), 870	

Kaňkite	$\text{Fe}^{3+}(\text{AsO}_4) \cdot 3.5\text{H}_2\text{O}$	A	1975-005	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1976), 426	<i>Mineralogical Journal</i> <b>12</b> (1984), 6
Kannanite	$\text{Ca}_4\text{Al}_4(\text{MgAl})(\text{VO}_4)(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})(\text{OH})_6$	A	2015-100	Japan	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Kanoite	$\text{MnMgSi}_2\text{O}_6$	A	1977-020	Japan	<i>Journal of the Geological Society of Japan</i> <b>83</b> (1977), 537	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 953
Kanonaite	$\text{Mn}^{3+}\text{AlOSiO}_4$	A	1976-047	Zambia	<i>Contributions to Mineralogy and Petrology</i> <b>66</b> (1978), 325	<i>Zeitschrift für Kristallographie</i> <b>155</b> (1981), 81
Kanonerovite	$\text{Na}_3\text{MnP}_3\text{O}_{10} \cdot 12\text{H}_2\text{O}$	A	1997-016	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2002), 117	<i>Acta Crystallographica</i> <b>C43</b> (1987), 4
Kaolinite	$\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$	A	1980 s.p.	China	<i>Clays and Clay Minerals</i> <b>28</b> (1980), 97	<i>Mineralogical Magazine</i> <b>27</b> (1946), 242
Kapellasite	$\text{Cu}_3\text{Zn}(\text{OH})_6\text{Cl}_2$	A	2005-009	Greece	<i>Mineralogical Magazine</i> <b>70</b> (2006), 329	
Kapitsaite-(Y)	$\text{Ba}_4\text{Y}_2\text{Si}_8\text{B}_4\text{O}_{28}\text{F}$	A	1998-057	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(6)</b> (2000), 42	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 74
Kapundaite	$\text{CaNaFe}^{3+}_4(\text{PO}_4)_4(\text{OH})_3 \cdot 5\text{H}_2\text{O}$	A	2009-047	Australia	<i>American Mineralogist</i> <b>95</b> (2010), 754	
Kapustinite	$\text{Na}_6\text{ZrSi}_6\text{O}_{16}(\text{OH})_2$	A	2003-018	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(6)</b> (2003), 1	<i>Doklady Earth Sciences</i> <b>397</b> (2004), 658
Karasugite	$\text{SrCaAlF}_7$	A	1993-013	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 209	
Karchevskyite	$\text{Mg}_{18}\text{Al}_9(\text{OH})_{54}\text{Sr}_2(\text{CO}_3)_9(\text{H}_2\text{O})_6(\text{H}_3\text{O})_5$	A	2005-015a	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(5)</b> (2007), 52	
Karelianite	$\text{V}_2\text{O}_3$	A	1967 s.p.	Finland	<i>American Mineralogist</i> <b>48</b> (1963), 33	<i>Journal of Applied Physics</i> <b>51</b> (1980), 5362
Karenwebberite	$\text{Na}(\text{Fe}^{2+}, \text{Mn}^{2+})(\text{PO}_4)$	A	2011-015	Italy	<i>American Mineralogist</i> <b>98</b> (2013), 767	
Karibibite	$\text{Fe}^{3+}_3(\text{As}^{3+}\text{O}_2)_4(\text{As}^{3+}_2\text{O}_5)(\text{OH})$	A	1973-007	Namibia	<i>Lithos</i> <b>6</b> (1973), 265	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1191
Karlite	$(\text{Mg}, \text{Al})_{6.5}(\text{BO}_3)_3(\text{OH})_4(\square, \text{Cl})_{0.5}$	A	1980-030	Austria	<i>American Mineralogist</i> <b>66</b> (1981), 872	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 253
Karnasurtite-(Ce)	$\text{CeTiAlSi}_2\text{O}_7(\text{OH})_4 \cdot 3\text{H}_2\text{O}$	Q	1987 s.p.	Russia	<i>Trudy Institut Mineralogii, Geokhimii, Kristalloghimii Redkikh Elementov, Akademiia Nauk SSSR</i> <b>2</b> (1959), 95	
Karpenkoite	$\text{Co}_3(\text{V}_2\text{O}_7)(\text{OH})_2 \cdot 2\text{H}_2\text{O}$	A	2014-092	USA	<i>Journal of Geosciences</i> <b>60</b> (2015), 251	
Karpinskite	$(\text{Mg}, \text{Ni})_2\text{Si}_2\text{O}_5(\text{OH})_2$ (?)	Q	1956	Russia	<i>Kora Vyvetrivaniya</i> <b>2</b> (1956), 124	<i>Bulletin of the Geological Society of Denmark</i> <b>20</b> (1970), 492
Karpovite	$\text{Ti}_2\text{VO}(\text{SO}_4)_2(\text{H}_2\text{O})$	A	2013-040	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1699	
Karupmøllerite-Ca	$(\text{Na}, \text{Ca}, \text{K})_2\text{Ca}(\text{Nb}, \text{Ti})_4(\text{Si}_4\text{O}_{12})_2(\text{O}, \text{OH})_4 \cdot 7\text{H}_2\text{O}$	A	2001-028	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2002), 433	<i>Doklady Akademii Nauk</i> <b>375</b> (2000), 487
Kasatkinite	$\text{Ba}_2\text{Ca}_8\text{B}_5\text{Si}_8\text{O}_{32}(\text{OH})_3 \cdot 6\text{H}_2\text{O}$	A	2011-045	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(3)</b> (2012), 39	
Kashinite	$\text{Ir}_2\text{S}_3$	A	1982-036	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 617	
Kaskasite	$(\text{Mo}, \text{Nb})\text{S}_2 \cdot (\text{Mg}_{1-x}\text{Al}_x)(\text{OH})_{2+x}$	A	2013-025	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 663	
Kasolite	$\text{Pb}(\text{UO}_2)(\text{SiO}_4) \cdot \text{H}_2\text{O}$	A	1980 s.p.	Democratic Republic of the Congo	<i>Comptes rendus hebdomadaires des séances de l'Académie des Sciences</i> <b>173</b> (1921), 1476	<i>Crystal Structure Communications</i> <b>6</b> (1977), 617



Kassite	$\text{CaTi}_2\text{O}_4(\text{OH})_2$	A	1968 s.p.	Russia	The Caledonian complex of the ultrabasic alkaline rocks and carbonatites of the Kola Peninsula and northern Karelia. Izdatelstvo "Nedra", Moscow (1965), 368	<i>American Mineralogist</i> <b>76</b> (1991), 283
Kastningite	$\text{Mn}^{2+}\text{Al}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	1997-033	Germany	<i>Lapis</i> <b>24(6)</b> (1999), 39	<i>Zeitschrift für Kristallographie</i> <b>214</b> (1999), 465
Katayamalite	$\text{KLi}_3\text{Ca}_7\text{Ti}_2(\text{SiO}_3)_{12}(\text{OH})_2$	A	1982-004	Japan	<i>Mineralogical Journal</i> <b>11</b> (1983), 261	<i>Acta Crystallographica</i> <b>E69</b> (2013), i41
Katerinopoulosite	$(\text{NH}_4)_2\text{Zn}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	2017-004	Greece	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Katiarsite	$\text{KTiO}(\text{AsO}_4)$	A	2014-025	Russia	<i>Mineralogical Magazine</i> <b>80</b> (2016), 639	
Katoite	$\text{Ca}_3\text{Al}_2(\text{OH})_{12}$	A	1982-080	Italy	<i>Bulletin de Minéralogie</i> <b>107</b> (1984), 605	<i>Bulletin de Minéralogie</i> <b>108</b> (1985), 1
Katophorite	$\text{Na}(\text{NaCa})(\text{Mg}_4\text{Al})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	A	2013-140	Myanmar	<i>Mineralogical Magazine</i> <b>79</b> (2015), 355	
Katoptrite	$\text{Mn}^{2+}_{13}\text{Al}_4\text{Sb}^{5+}_2\text{O}_{20}(\text{SiO}_4)_2$	G	1917	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>39</b> (1917), 426	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>127</b> (1976), 47
Kawazulite	$\text{Bi}_2\text{Te}_2\text{Se}$	A	1968-014	Japan	<i>Geological Survey of Japan</i> (1970), 87	<i>Canadian Mineralogist</i> <b>19</b> (1981), 341
Kayrobertsonite	$\text{MnAl}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 6\text{H}_2\text{O}$	A	2015-029	Germany	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 649	
Kazakhstanite	$\text{Fe}^{3+}_5\text{V}^{4+}_3\text{V}^{5+}_{12}\text{O}_{39}(\text{OH})_9 \cdot 9\text{H}_2\text{O}$	A	1988-044	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(5)</b> (1989), 95	
Kazakovite	$\text{Na}_6\text{Mn}^{2+}\text{TiSi}_6\text{O}_{18}$	A	1973-061	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 342	<i>Doklady Akademii Nauk SSSR</i> <b>245</b> (1979), 106
Kazanskyite	$\text{Ba}\square\text{TiNbNa}_3\text{Ti}(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2(\text{H}_2\text{O})_2$	Rd	2011-007	Russia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 473	
Keckite	$\text{CaMn}(\text{Fe}^{3+}, \text{Mn})_2\text{Fe}^{3+}_2(\text{PO}_4)_4(\text{OH})_3 \cdot 7\text{H}_2\text{O}$	A	1977-028	Germany	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>134</b> (1979), 183	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1445
Kegelite	$\text{Pb}_4\text{Al}_2\text{Si}_4\text{O}_{10}(\text{SO}_4)(\text{CO}_3)_2(\text{OH})_4$	Rd	1974-042	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1976), 110	<i>American Mineralogist</i> <b>75</b> (1990), 702
Kegginite	$\text{Pb}_3\text{Ca}_3[\text{AsV}_{12}\text{O}_{40}(\text{VO})] \cdot 20\text{H}_2\text{O}$	A	2015-114	USA	<i>American Mineralogist</i> <b>102</b> (2017), 461	
Keilite	$\text{FeS}$	A	2001-053	Canada (meteorite)	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1687	<i>American Mineralogist</i> <b>92</b> (2007), 204
Keithconnite	$\text{Pd}_{20}\text{Te}_7$	A	1978-032	USA	<i>Canadian Mineralogist</i> <b>17</b> (1979), 589	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Keiviite-(Y)	$\text{Y}_2\text{Si}_2\text{O}_7$	A	1984-054	Russia	<i>Mineralogiceskij Zhurnal</i> <b>7</b> (1985), 79	<i>Journal of Applied Crystallography</i> <b>44</b> (2011), 846
Keiviite-(Yb)	$\text{Yb}_2\text{Si}_2\text{O}_7$	A	1982-065	Russia	<i>Mineralogiceskij Zhurnal</i> <b>5</b> (1983), 94	<i>Soviet Physics Doklady</i> <b>31</b> (1986), 930
Keldyshite	$\text{Na}_2\text{ZrSi}_2\text{O}_7$	A	1975-034	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>142</b> (1962), 916	<i>Doklady Akademii Nauk SSSR</i> <b>238</b> (1978), 573
Kellyite	$(\text{Mn}^{2+}, \text{Mg}, \text{Al})_3(\text{Si}, \text{Al})_2\text{O}_5(\text{OH})_4$	A	1974-002	USA	<i>American Mineralogist</i> <b>59</b> (1974), 1153	
Kelyanite	$\text{Hg}_{12}\text{SbO}_6\text{BrCl}_2$	A	1981-013	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 330	<i>American Mineralogist</i> <b>93</b> (2008), 1666
Kemmlitzite	$\text{SrAl}_3(\text{AsO}_4)(\text{SO}_4)(\text{OH})_6$	Rd	1967-021	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1969), 201	<i>Mineralogical Magazine</i> <b>74</b> (2010), 919
Kempite	$\text{Mn}^{2+}_2\text{Cl}(\text{OH})_3$	G	1924	USA	<i>American Journal of Science</i> <b>8</b> (1924), 145	
Kenhsuite	$\text{Hg}_3\text{S}_2\text{Cl}_2$	A	1996-026	USA	<i>Canadian Mineralogist</i> <b>36</b> (1998), 201	



Kenoplumbomicrolite	$(\text{Pb}, \square)_2\text{Ta}_2\text{O}_6[\square, (\text{OH}), \text{O}]$	A	2015-007a	Russia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Kenotobermorite	$\text{Ca}_4\text{Si}_6\text{O}_{15}(\text{OH})_2(\text{H}_2\text{O})_2 \cdot 3\text{H}_2\text{O}$	A	2014 s.p.	South Africa	<i>Mineralogical Magazine</i> <b>79</b> (2015), 485	
Kentbrooksit	$(\text{Na}, \text{REE})_{15}(\text{Ca}, \text{REE})_6\text{Mn}_3\text{Zr}_3\text{Nb}(\text{Si}_{25}\text{O}_{73})(\text{O}, \text{OH}, \text{H}_2\text{O})_3(\text{F}, \text{Cl})_2$	A	1996-023	Denmark (Greenland)	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 207	
Kentrolite	$\text{Pb}_2\text{Mn}^{3+}_2\text{O}_2(\text{Si}_2\text{O}_7)$	G	1881	Sweden	<i>Zeitschrift für Krystallographie und Mineralogie</i> <b>5</b> (1881), 32	<i>American Mineralogist</i> <b>93</b> (2008), 573
Kenyaite	$\text{Na}_2\text{Si}_{22}\text{O}_{41}(\text{OH})_8 \cdot 6\text{H}_2\text{O}$	A	1967-018	Kenya	<i>Science</i> <b>157</b> (1967), 1177	<i>American Mineralogist</i> <b>68</b> (1983), 818
Kerimasite	$\text{Ca}_3\text{Zr}_2(\text{SiFe}^{3+}_2)\text{O}_{12}$	A	2009-029	Tanzania	<i>Mineralogical Magazine</i> <b>74</b> (2010), 803	<i>Mineralogical Magazine</i> <b>79</b> (2015), 715
Kermesite	$\text{Sb}_2\text{OS}_2$	G	1843	Germany	Practical mineralogy. Bailliere, London (1843), 61	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 557
Kernite	$\text{Na}_2\text{B}_4\text{O}_6(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	G	1927	USA	<i>American Mineralogist</i> <b>12</b> (1927), 24	<i>American Mineralogist</i> <b>58</b> (1973), 21
Kësterite	$\text{Cu}_2\text{ZnSnS}_4$	G	1956	Russia	<i>Trudy Vsesouznogo Magadansk Nauchno-Issledovatel'skii Institut Magadan</i> <b>2</b> (1956), 76	<i>Canadian Mineralogist</i> <b>41</b> (2003), 639
Kettnerite	$\text{CaBiO}(\text{CO}_3)\text{F}$	G	1956	Czech Republic	<i>Casopis pro Mineralogii a Geologii</i> <b>1</b> (1956), 195	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 411
Keutschite	$\text{Cu}_2\text{AgAsS}_4$	A	2014-038	Peru	CNMNC Newsletter 21 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 797	
Keyite	$\text{Cu}^{2+}_3\text{Zn}_4\text{Cd}_2(\text{AsO}_4)_6 \cdot 2\text{H}_2\text{O}$	A	1975-002	Namibia	<i>Mineralogical Record</i> <b>8</b> (1977), 87	<i>Canadian Mineralogist</i> <b>34</b> (1996), 623
Keystoneite	$\text{Mg}_{0.5}\text{NiFe}^{3+}(\text{Te}^{4+}\text{O}_3)_3 \cdot 4.5\text{H}_2\text{O}$	A	1987-049	USA	<i>Joint Annual Meeting of the Geological and Mineralogical Associations of Canada, Program Abstracts</i> <b>13</b> (1988), A4	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 509
Khademite	$\text{Al}(\text{SO}_4)\text{F} \cdot 5\text{H}_2\text{O}$	Rd	1973-028	Iran	<i>Comptes Rendus des Seances de l'Académie des Sciences, Série C</i> <b>277</b> (1973), 1585	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 19
Khaidarkanite	$\text{Cu}_4\text{Al}_3(\text{OH})_{14}\text{F}_3 \cdot 2\text{H}_2\text{O}$	A	1998-013	Kyrgyzstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(3)</b> (1999), 58	<i>Canadian Mineralogist</i> <b>47</b> (2009), 635
Khamrabaevite	TiC	A	1983-059	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 697	
Khanneshite	$(\text{Na}, \text{Ca})_3(\text{Ba}, \text{Sr}, \text{Ce}, \text{Ca})_3(\text{CO}_3)_5$	A	1981-025	Afghanistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 321	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(2)</b> (1998), 92
Kharaelakhite	$(\text{Cu}, \text{Pt}, \text{Pb}, \text{Fe}, \text{Ni})_9\text{S}_8$	A	1983-080	Russia	<i>Mineralogicheskij Zhurnal</i> <b>7</b> (1985), 78	
Khatyrkite	$\text{CuAl}_2$	A	1983-085	Russia (meteorite)	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 90	
Khesinite	$\text{Ca}_4(\text{Mg}_2\text{Fe}^{3+}_{10})\text{O}_4(\text{Fe}^{3+}_{10}\text{Si}_2)\text{O}_{36}$	A	2014-033	Israel	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 101	
Khibinskit	$\text{K}_2\text{ZrSi}_2\text{O}_7$	A	1973-014	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 110	<i>Doklady Akademii Nauk SSSR</i> <b>231</b> (1976), 1351
Khinite	$\text{Cu}^{2+}_3\text{PbTe}^{6+}\text{O}_6(\text{OH})_2$	A	1978-035	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1016	<i>Mineralogical Magazine</i> <b>72</b> (2008), 763
Khmaralite	$\text{Mg}_4(\text{Mg}_3\text{Al}_9)\text{O}_4[\text{Si}_5\text{Be}_2\text{Al}_5\text{O}_{36}]$	A	1998-027	Antarctica	<i>American Mineralogist</i> <b>84</b> (1999), 1650	<i>American Mineralogist</i> <b>89</b> (2004), 627
Khomyakovite	$\text{Na}_{12}\text{Sr}_3\text{Ca}_6\text{Fe}_3\text{Zr}_3\text{W}(\text{Si}_{25}\text{O}_{73})(\text{O}, \text{OH}, \text{H}_2\text{O})_3(\text{Cl}, \text{OH})_2$	A	1998-042	Canada	<i>Canadian Mineralogist</i> <b>37</b> (1999), 993	

Khorixasite	$(\text{Bi}_{0.67}\square_{0.33})\text{Cu}(\text{VO}_4)(\text{OH})$	A	2016-048	Namibia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Khristovite-(Ce)	$\text{CaCe}(\text{MgAlMn}^{2+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{F}(\text{OH})$	A	1991-055	Kyrgyzstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(3)</b> (1993), 103	<i>Soviet Physics - Crystallography</i> <b>36</b> (1991), 172
Khvorovite	$\text{Pb}_4\text{Ca}_2[\text{Si}_8\text{B}_2(\text{Si},\text{B})_2\text{O}_{28}]\text{F}$	A	2014-050	Tajikistan	<i>Mineralogical Magazine</i> <b>79</b> (2015), 949	
Kiddcreekite	$\text{Cu}_6\text{WSnS}_8$	A	1982-106	Canada	<i>Canadian Mineralogist</i> <b>22</b> (1984), 227	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1517
Kidwellite	$\text{NaFe}^{3+}_{9+x}(\text{PO}_4)_6(\text{OH})_{11}\cdot 3\text{H}_2\text{O}$ ( $x \approx 0.33$ )	A	1974-024	USA	<i>Mineralogical Magazine</i> <b>42</b> (1978), 137	<i>Mineralogical Magazine</i> <b>68</b> (2004), 147
Kieftite	$\text{CoSb}_3$	A	1991-052	Sweden	<i>Canadian Mineralogist</i> <b>32</b> (1994), 179	
Kieserite	$\text{Mg}(\text{SO}_4)\cdot\text{H}_2\text{O}$	A	1967 s.p.	Germany	<i>Nova Acta Leopoldina</i> <b>27</b> (1860), 634	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>157</b> (1987), 121
Kihlmanite-(Ce)	$\text{Ce}_2\text{TiO}_2(\text{SiO}_4)(\text{HCO}_3)_2(\text{H}_2\text{O})$	A	2012-081	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 483	
Kilchoanite	$\text{Ca}_6(\text{SiO}_4)(\text{Si}_3\text{O}_{10})$	G	1961	United Kingdom	<i>Nature</i> <b>189</b> (1961), 743	<i>Mineralogical Magazine</i> <b>38</b> (1971), 26
Killalaite	$\text{Ca}_{6.4}[\text{H}_{0.6}\text{Si}_2\text{O}_7]_2(\text{OH})_2$	A	1973-033	Ireland	<i>Mineralogical Magazine</i> <b>39</b> (1974), 544	<i>Mineralogical Magazine</i> <b>41</b> (1977), 363
Kimrobinsonite	$\text{Ta}(\text{OH})_3(\text{O},\text{CO}_3)$	A	1983-023	Australia	<i>Canadian Mineralogist</i> <b>23</b> (1985), 573	
Kimuraite-(Y)	$\text{CaY}_2(\text{CO}_3)_4\cdot 6\text{H}_2\text{O}$	A	1984-073	Japan	<i>American Mineralogist</i> <b>71</b> (1986), 1028	
Kimzeyite	$\text{Ca}_3\text{Zr}_2(\text{SiAl}_2)\text{O}_{12}$	A	1967 s.p.	USA	<i>Science</i> <b>127</b> (1958), 1343	<i>American Mineralogist</i> <b>65</b> (1980), 188
Kingite	$\text{Al}_3(\text{PO}_4)_2\text{F}_2(\text{OH})\cdot 7\text{H}_2\text{O}$	G	1957	Australia	<i>Mineralogical Magazine</i> <b>31</b> (1957), 351	<i>Canadian Mineralogist</i> <b>42</b> (2004), 135
Kingsmountite	$\text{Ca}_4\text{Fe}^{2+}\text{Al}_4(\text{PO}_4)_6(\text{OH})_4\cdot 12\text{H}_2\text{O}$	A	1978-041	USA	<i>Canadian Mineralogist</i> <b>17</b> (1979), 579	
Kingstonite	$\text{Rh}_3\text{S}_4$	A	1993-046	Ethiopia	<i>Mineralogical Magazine</i> <b>69</b> (2005), 447	
Kinchilite	$\text{Mg}_{0.5}\text{Mn}^{2+}\text{Fe}^{3+}(\text{Te}^{4+}\text{O}_3)_3\cdot 4.5\text{H}_2\text{O}$	A	1979-031	Japan	<i>Mineralogical Journal</i> <b>10</b> (1981), 333	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 509
Kinoite	$\text{Ca}_2\text{Cu}_2\text{Si}_3\text{O}_{10}\cdot 2\text{H}_2\text{O}$	A	1969-037	USA	<i>American Mineralogist</i> <b>55</b> (1970), 709	<i>American Mineralogist</i> <b>56</b> (1971), 193
Kinoshitalite	$\text{BaMg}_3(\text{Si}_2\text{Al}_2\text{O}_{10})(\text{OH})_2$	A	1973-011	Japan	<i>Chigaku Kenkyu</i> <b>24</b> (1973), 181	<i>American Mineralogist</i> <b>85</b> (2000), 242
Kintoreite	$\text{PbFe}^{3+}_3(\text{PO}_4)(\text{PO}_3\text{OH})(\text{OH})_6$	A	1992-045	Australia	<i>Mineralogical Magazine</i> <b>59</b> (1995), 143	<i>American Mineralogist</i> <b>94</b> (2009), 676
Kipushite	$\text{Cu}_6(\text{PO}_4)_2(\text{OH})_6\cdot\text{H}_2\text{O}$	A	1983-046	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>23</b> (1985), 35	
Kircherite	$[\text{Na}_5\text{Ca}_2\text{K}](\text{Si}_6\text{Al}_6\text{O}_{24})(\text{SO}_4)_2\cdot 0.33\text{H}_2\text{O}$	A	2009-084	Italy	<i>American Mineralogist</i> <b>97</b> (2012), 1494	
Kirchhoffite	$\text{CsBSi}_2\text{O}_6$	A	2009-094	Tajikistan	<i>Canadian Mineralogist</i> <b>50</b> (2012), 523	
Kirkiite	$\text{Pb}_{10}\text{Bi}_3\text{As}_3\text{S}_{19}$	A	1984-030	Greece	<i>Bulletin de Minéralogie</i> <b>108</b> (1985), 667	<i>Canadian Mineralogist</i> <b>44</b> (2006), 177
Kirschsteinite	$\text{CaFe}^{2+}(\text{SiO}_4)$	G	1957	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>31</b> (1957), 698	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 969
Kitagohaite	$\text{Pt}_7\text{Cu}$	A	2013-114	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>78</b> (2014), 739	
Kitkaite	$\text{NiTeSe}$	A	1968 s.p.	Finland	<i>American Mineralogist</i> <b>50</b> (1965), 581	
Kittatinnyite	$\text{Ca}_2\text{Mn}^{2+}\text{Mn}^{3+}_2(\text{SiO}_4)_2(\text{OH})_4\cdot 9\text{H}_2\text{O}$	A	1982-083	USA	<i>American Mineralogist</i> <b>68</b> (1983), 1029	
Kladnoite	$\text{C}_6\text{H}_4(\text{CO})_2\text{NH}$	G	1942	Czech Republic	<i>Rozpravy České Akademie</i> <b>52</b> (1942), 4 p.	<i>Acta Crystallographica</i> <b>B28</b> (1972), 415
Klajite	$\text{MnCu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2\cdot 9\text{H}_2\text{O}$	A	2010-004	Hungary	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 829	<i>Mineralogical Magazine</i> <b>78</b> (2014), 119
Klaprothite	$\text{Na}_6(\text{UO}_2)(\text{SO}_4)_4(\text{H}_2\text{O})_4$	A	2015-087	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 753	
Klebsbergite	$\text{Sb}^{3+}_4\text{O}_4(\text{SO}_4)(\text{OH})_2$	Rd	1980 s.p.	Romania	<i>Matematikai és Természet-tudományi Értesítő</i> <b>46</b> (1929), 19	<i>American Mineralogist</i> <b>100</b> (2015), 602

Kleberite	$\text{Fe}^{3+}\text{Ti}_6\text{O}_{11}(\text{OH})_5$	A	2012-023	Germany	<i>Mineralogical Magazine</i> <b>77</b> (2013), 45	
Kleemanite	$\text{ZnAl}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	A	1978-043	Australia	<i>Mineralogical Magazine</i> <b>43</b> (1979), 93	
Kleinite	$(\text{Hg}_2\text{N})(\text{Cl},\text{SO}_4) \cdot n\text{H}_2\text{O}$	G	1905	USA	<i>Sitzungsberichte der Königlich Preussischen Akademie der Wissenschaften</i> <b>21</b> (1905), 1091	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1996), 49
Klöchite	$(\text{Fe}^{2+}\text{Fe}^{3+})\square_2\text{KZn}_3(\text{Si}_{12}\text{O}_{30})$	A	2007-054	Austria	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1115	
Klockmannite	$\text{Cu}_{5.2}\text{Se}_6$	G	1928	Argentina	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1928), 225	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 167
Klyuchevskite	$\text{K}_3\text{Cu}_3\text{Fe}^{3+}\text{O}_2(\text{SO}_4)_4$	A	1987-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(1)</b> (1989), 70	<i>Mineralogical Magazine</i> <b>56</b> (1992), 411
Knasibfite	$\text{K}_3\text{Na}_4(\text{SiF}_6)_3(\text{BF}_4)$	A	2006-042	Italy	<i>Canadian Mineralogist</i> <b>46</b> (2008), 447	
Knorringite	$\text{Mg}_3\text{Cr}_2(\text{SiO}_4)_3$	A	1968-010	Lesotho	<i>American Mineralogist</i> <b>53</b> (1968), 1833	<i>American Mineralogist</i> <b>95</b> (2010), 59
Koashvite	$\text{Na}_6\text{CaTiSi}_6\text{O}_{18}$	A	1973-026	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 559	<i>Mineralogicheskii Zhurnal</i> <b>2(5)</b> (1980), 40
Kobeite-(Y)	$(\text{Y},\text{U})(\text{Ti},\text{Nb})_2(\text{O},\text{OH})_6$ (?)	A	1987 s.p.	Japan	<i>Journal of the Geological Society of Japan</i> <b>56</b> (1950), 509	<i>Mineralogical Journal</i> <b>3</b> (1961), 139
Kobellite	$\text{Pb}_{11}(\text{Cu},\text{Fe})_2(\text{Bi},\text{Sb})_{15}\text{S}_{35}$	G	1841	Sweden	<i>Svenska Vetenskaps-Akademiens Handlingar</i> (1841), 188	<i>Journal of Mineralogy and Geochemistry</i> <b>191</b> (2013), 109
Kobokoboite	$\text{Al}_6(\text{PO}_4)_4(\text{OH})_6 \cdot 11\text{H}_2\text{O}$	A	2009-057	Democratic Republic of the Congo	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 305	
Kobyrashevite	$\text{Cu}_5(\text{SO}_4)_2(\text{OH})_6 \cdot 4\text{H}_2\text{O}$	A	2011-066	Russia	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 201	
Kochite	$\text{Ca}_2\text{MnZrNa}_3\text{Ti}(\text{Si}_2\text{O}_7)_2(\text{OF})\text{F}_2$	Rd	2002-012	Denmark (Greenland)	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 551	
Kochkarite	$\text{PbBi}_4\text{Te}_7$	A	1988-030	Russia	<i>Geologiya Rudnykh Mestorozhdenii</i> <b>31</b> (1989), 98	
Kochsándorite	$\text{CaAl}_2(\text{CO}_3)_2(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	2004-037	Hungary	<i>Canadian Mineralogist</i> <b>45</b> (2007), 483	
Koehlinite	$\text{Bi}_2\text{MoO}_6$	G	1914	Germany	<i>Journal of the Washington Academy of Sciences</i> <b>4</b> (1914), 354	<i>Acta Crystallographica</i> <b>C40</b> (1984), 2001
Koenenite	$\text{Na}_4\text{Mg}_9\text{Al}_4\text{Cl}_{12}(\text{OH})_{22}$	G	1902	Germany	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1902), 493	<i>Zeitschrift für Kristallographie</i> <b>126</b> (1968), 7
Kogarkoite	$\text{Na}_3(\text{SO}_4)\text{F}$	A	1970-038	Russia	<i>American Mineralogist</i> <b>58</b> (1973), 116	<i>Mineralogical Magazine</i> <b>43</b> (1980), 753
Kojonenite	$\text{Pd}_{7-x}\text{SnTe}_2$ ( $0.3 \leq x \leq 0.8$ )	A	2013-132	USA	<i>American Mineralogist</i> <b>100</b> (2015), 447	
Kokchetavite	$\text{K}(\text{AlSi}_3\text{O}_8)$	A	2004-011	Kazakhstan	<i>Contributions to Mineralogy and Petrology</i> <b>148</b> (2004), 380	
Kokinosite	$\text{Na}_2\text{Ca}_2(\text{V}_{10}\text{O}_{28}) \cdot 24\text{H}_2\text{O}$	A	2013-099	USA	<i>Canadian Mineralogist</i> <b>52</b> (2014), 15	
Koksharovite	$\text{CaMg}_2\text{Fe}^{3+}_4(\text{VO}_4)_6$	A	2012-092	Russia	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 667	
Koktaite	$(\text{NH}_4)_2\text{Ca}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$	G	1948	Czech Republic	<i>Acta Academiae Scientiarum Naturalium Moravo-Silesiaca</i> <b>20</b> (1948), 1	
Kolarite	$\text{PbTeCl}_2$	A	1983-081	India	<i>Canadian Mineralogist</i> <b>23</b> (1985), 501	
Kolbeckite	$\text{Sc}(\text{PO}_4) \cdot 2\text{H}_2\text{O}$	A	1987 s.p.	Germany	<i>Jahrbuch für das Berg- und Hüttenwesen im Sachsen</i> <b>100</b> (1926), 73	<i>Acta Crystallographica</i> <b>C63</b> (2007), i91

Kolfanite	$\text{Ca}_2\text{Fe}^{3+}_3\text{O}_2(\text{AsO}_4)_3 \cdot 2\text{H}_2\text{O}$	A	1981-017	Russia	<i>Mineralogicheskii Zhurnal</i> <b>4(2)</b> (1982), 90	
Kolicite	$\text{Zn}_4\text{Mn}^{2+}_7(\text{AsO}_4)_2(\text{SiO}_4)_2(\text{OH})_8$	A	1978-076	USA	<i>American Mineralogist</i> <b>64</b> (1979), 708	<i>American Mineralogist</i> <b>65</b> (1980), 483
Kolitschite	$\text{Pb}[\text{Zn}_{0.5}, \square_{0.5}]\text{Fe}_3(\text{AsO}_4)_2(\text{OH})_6$	A	2008-063	Australia	<i>Australian Journal of Mineralogy</i> <b>14</b> (2008), 63	
Kolovratite	$(\text{Ni}, \text{Zn})_x(\text{VO}_4) \cdot n\text{H}_2\text{O}$	Q	1922	Kyrgyzstan	<i>Comptes Rendus de l'Academie des Sciences de Russie</i> (1922), 37	<i>Canadian Mineralogist</i> <b>7</b> (1962), 311
Kolskyite	$(\text{Ca}\square)\text{Ti}_2\text{Na}_2\text{Ti}_2(\text{Si}_2\text{O}_7)_2\text{O}_4(\text{H}_2\text{O})_7$	Rd	2013-005	Russia	<i>Canadian Mineralogist</i> <b>51</b> (2013), 921	
Kolwezite	$(\text{Cu}, \text{Co})_2(\text{CO}_3)(\text{OH})_2$	Rn	1979-017	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 179	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 787
Kolymite	$\text{Cu}_7\text{Hg}_6$	A	1979-046	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 206	
Komarovite	$(\text{Ca}, \text{Sr}, \text{Na})_{6-x}(\text{Nb}, \text{Ti})_6(\text{Si}_4\text{O}_{12})(\text{O}, \text{OH}, \text{F})_{16} \cdot n\text{H}_2\text{O}$	A	1971-011	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>100</b> (1971), 599	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2002), 497
Kombatite	$\text{Pb}_{14}\text{O}_9(\text{VO}_4)_2\text{Cl}_4$	A	1985-056	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 519	<i>American Mineralogist</i> <b>79</b> (1994), 550
Komkovite	$\text{BaZrSi}_3\text{O}_9 \cdot 3\text{H}_2\text{O}$	A	1988-032	Russia	<i>Mineralogicheskii Zhurnal</i> <b>12(3)</b> (1990), 69	<i>Doklady Akademii Nauk SSSR</i> <b>320</b> (1991), 1384
Konderite	$\text{PbCu}_3\text{Rh}_8\text{S}_{16}$	A	1983-053	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 703	
Koninckite	$\text{Fe}^{3+}(\text{PO}_4) \cdot 3\text{H}_2\text{O}$	G	1884	Belgium	<i>Société Géologique de Belgique, Mémoires</i> , <b>11</b> (1883-1884), 274	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1159
Kononovite	$\text{NaMg}(\text{SO}_4)\text{F}$	A	2013-116	Russia	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 575	
Konyaite	$\text{Na}_2\text{Mg}(\text{SO}_4)_2 \cdot 5\text{H}_2\text{O}$	A	1981-003	Turkey	<i>American Mineralogist</i> <b>67</b> (1982), 1035	<i>American Mineralogist</i> <b>94</b> (2009), 1005
Koragoite	$\text{Mn}^{2+}_2\text{Mn}^{3+}\text{Nb}_2(\text{Nb}, \text{Ta})_3\text{W}_2\text{O}_{20}$	A	1994-049	Tajikistan	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>353A</b> (1996), 341	<i>Kristallografiya</i> <b>40</b> (1995), 469
Koritnigite	$\text{Zn}(\text{AsO}_3\text{OH}) \cdot \text{H}_2\text{O}$	A	1978-008	Namibia	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>26</b> (1979), 51	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>138</b> (1980), 316
Kornelite	$\text{Fe}^{3+}_2(\text{SO}_4)_3 \cdot 7\text{H}_2\text{O}$ (?)	G	1888	Slovakia	<i>Magyar Tudományos Akadémia Értesítője</i> <b>22</b> (1888), 131	<i>American Mineralogist</i> <b>94</b> (2009), 1620
Kornerupine	$(\text{Mg}, \text{Fe}^{2+}, \text{Al}, \square)_{10}(\text{Si}, \text{Al}, \text{B})_5\text{O}_{21}(\text{OH}, \text{F})_2$ (?)	G	1884	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>7</b> (1884), 19	<i>American Mineralogist</i> <b>84</b> (1999), 566
Korobitsynite	$(\text{Na}, \square)_4\text{Ti}_2(\text{Si}_4\text{O}_{12})(\text{O}, \text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	1998-019	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(3)</b> (1999), 72	
Korshunovskite	$\text{Mg}_2\text{Cl}(\text{OH})_3 \cdot 4\text{H}_2\text{O}$	A	1980-083	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 324	<i>Acta Crystallographica</i> <b>6</b> (1953), 40
Korzhinskite	$\text{CaB}_2\text{O}_4 \cdot 0.5\text{H}_2\text{O}$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 555	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(4)</b> (1996), 60
Kosmochlor	$\text{NaCl}^{3+}\text{Si}_2\text{O}_6$	A	1988 s.p.	Mexico	<i>Zeitschrift für Krystallographie und Mineralogie</i> <b>27</b> (1897), 586	<i>American Mineralogist</i> <b>88</b> (2003), 1025

Kosnarite	$\text{KZr}_2(\text{PO}_4)_3$	A	1991-022	USA	<i>American Mineralogist</i> <b>78</b> (1993), 653	<i>Zeitschrift für Kristallographie</i> <b>130</b> (1969), 148
Kostovite	$\text{AuCuTe}_4$	A	1965-002	Bulgaria	<i>American Mineralogist</i> <b>51</b> (1966), 29	<i>Geochemistry, Mineralogy, Petrology</i> <b>42</b> (2005), 1
Kostylevite	$\text{K}_2\text{ZrSi}_3\text{O}_9 \cdot \text{H}_2\text{O}$	A	1982-053	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 469	<i>Doklady Akademii Nauk SSSR</i> <b>256</b> (1981), 1860
Kotoite	$\text{Mg}_3(\text{BO}_3)_2$	G	1939	North Korea	<i>Mineralogische und Petrographische Mitteilungen</i> <b>50</b> (1939), 441	<i>Zeitschrift für Kristallographie</i> <b>166</b> (1984), 129
Kottenheimite	$\text{Ca}_3\text{Si}(\text{SO}_4)_2(\text{OH})_6 \cdot 12\text{H}_2\text{O}$	A	2011-038	Germany	<i>Canadian Mineralogist</i> <b>50</b> (2012), 55	
Köttigite	$\text{Zn}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	G	1850	Germany	A System of Mineralogy, 3rd ed. Putnam, New York (1850), 487	<i>American Mineralogist</i> <b>64</b> (1979), 376
Kotulskite	$\text{Pd}(\text{Te},\text{Bi})_{2-x}$ ( $x \approx 0.4$ )	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 33	
Koutekite	$\text{Cu}_5\text{As}_2$	G	1958	Czech Republic	<i>Nature</i> <b>181</b> (1958), 1553	<i>Journal of the Less-Common Metals</i> <b>23</b> (1971), 231
Kovdorskite	$\text{Mg}_2(\text{PO}_4)(\text{OH}) \cdot 3\text{H}_2\text{O}$	A	1979-066	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 341	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(6)</b> (1990), 92
Kozoite-(La)	$\text{La}(\text{CO}_3)(\text{OH})$	A	2002-054	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>98</b> (2003), 137	
Kozoite-(Nd)	$\text{Nd}(\text{CO}_3)(\text{OH})$	A	1998-063	Japan	<i>American Mineralogist</i> <b>85</b> (2000), 1076	<i>Materials Research Bulletin</i> <b>9</b> (1974), 1577
Kozyrevskite	$\text{Cu}_4\text{O}(\text{AsO}_4)_2$	A	2013-023	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1553	
Kraisslite	$\text{Zn}_3(\text{Mn},\text{Mg})_{25}(\text{Fe}^{3+},\text{Al})(\text{As}^{3+}\text{O}_3)_2[(\text{Si},\text{As}^{5+})\text{O}_4]_{10}(\text{OH})_{16}$	A	1977-003	USA	<i>American Mineralogist</i> <b>63</b> (1978), 938	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2819
Krashennikovite	$\text{KNa}_2\text{CaMg}(\text{SO}_4)_3\text{F}$	A	2011-044	Russia	<i>American Mineralogist</i> <b>97</b> (2012), 1788	
Krásnoite	$\text{Ca}_3\text{Al}_{7.7}\text{Si}_3\text{P}_4\text{O}_{22.9}(\text{OH})_{13.3}\text{F}_2 \cdot 8\text{H}_2\text{O}$	A	2011-040	Czech Republic / USA	<i>Mineralogical Magazine</i> <b>76</b> (2012), 625	
Krasnovite	$\text{Ba}(\text{Al},\text{Mg})(\text{PO}_4,\text{CO}_3)(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1991-020	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(3)</b> (1996), 110	
Kratochvílite	$\text{C}_{13}\text{H}_{10}$	G	1937	Czech Republic	<i>Rozpravy Ceske Akademie, Kl II</i> <b>47</b> (1937), 6 p.	<i>Mineralien-Welt</i> <b>6(4)</b> (1995), 25
Krausite	$\text{KFe}^{3+}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$	G	1931	USA	<i>American Mineralogist</i> <b>16</b> (1931), 352	<i>American Mineralogist</i> <b>71</b> (1986), 202
Krauskopfite	$\text{BaSi}_2\text{O}_5 \cdot 3\text{H}_2\text{O}$	A	1964-008	USA	<i>American Mineralogist</i> <b>50</b> (1965), 314	<i>Atti della Accademia Nazionale dei Lincei, Ser. VIII</i> <b>42</b> (1967), 859
Krautite	$\text{Mn}(\text{AsO}_3\text{OH}) \cdot \text{H}_2\text{O}$	A	1974-028	Romania	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>98</b> (1975), 78	<i>American Mineralogist</i> <b>64</b> (1979), 1248
Kravtsovite	$\text{PdAg}_2\text{S}$	A	2016-092	Russia	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 597	
Kremersite	$(\text{NH}_4)_2\text{Fe}^{3+}\text{Cl}_5 \cdot \text{H}_2\text{O}$	G	1853	Italy	Das Mohs'sche Mineralsystem. Gerold, Wien (1853)	<i>Australian Journal of Chemistry</i> <b>31</b> (1978), 2717
Krennerite	$\text{Au}_3\text{AgTe}_8$	G	1877	Romania	<i>Zeitschrift für Krystallographie und Mineralogie</i> <b>1</b> (1877), 614	<i>Canadian Mineralogist</i> <b>50</b> (2012), 119
Krettnichite	$\text{PbMn}^{3+}_2(\text{VO}_4)_2(\text{OH})_2$	A	1998-044	Germany	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 145	

Kribergite	$\text{Al}_5(\text{PO}_4)_3(\text{SO}_4)(\text{OH})_4 \cdot 4\text{H}_2\text{O}$	G	1945	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>67</b> (1945), 78	<i>Mineralogical Magazine</i> <b>53</b> (1989), 385
Krieselite	$\text{Al}_2(\text{GeO}_4)\text{F}_2$	A	2000-043a	Namibia	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>187</b> (2010), 33	
Krinovite	$\text{Na}_4[\text{Mg}_8\text{Cr}^{3+}_4]\text{O}_4[\text{Si}_{12}\text{O}_{36}]$	A	1967-016	USA (meteorite)	<i>Science</i> <b>161</b> (1968), 786	<i>Zeitschrift für Kristallographie</i> <b>187</b> (1989), 133
Kristiansenite	$\text{Ca}_2\text{ScSn}(\text{Si}_2\text{O}_7)(\text{Si}_2\text{O}_6\text{OH})$	A	2000-051	Norway	<i>Mineralogy and Petrology</i> <b>75</b> (2002), 89	<i>Zeitschrift für Kristallographie</i> <b>216</b> (2001), 442
Krivovichevite	$\text{Pb}_3\text{Al}(\text{OH})_6(\text{SO}_4)(\text{OH})$	A	2004-053	Russia	<i>Canadian Mineralogist</i> <b>45</b> (2007), 451	<i>Canadian Mineralogist</i> <b>47</b> (2009), 153
Kröhnkite	$\text{Na}_2\text{Cu}(\text{SO}_4)_2 \cdot 2\text{H}_2\text{O}$	G	1879	Chile	Mineralojía. Librería Central de Servat I CA, Santiago (1879), 250	<i>Acta Crystallographica</i> <b>B31</b> (1975), 1753
Krotite	$\text{CaAl}_2\text{O}_4$	A	2010-038	Morocco (meteorite)	<i>American Mineralogist</i> <b>96</b> (2011), 709	
Kroupaite	$\text{KPb}_{0.5}[(\text{UO}_2)_8\text{O}_4(\text{OH})_{10}] \cdot 10\text{H}_2\text{O}$	A	2017-031	Czech Republic	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Krupkaite	$\text{PbCuBi}_3\text{S}_6$	A	1974-020	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1974), 533	<i>Canadian Mineralogist</i> <b>46</b> (2008), 525
Krut'aite	$\text{CuSe}_2$	A	1972-001	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>95</b> (1972), 475	<i>Acta Chemica Scandinavica</i> <b>A28</b> (1974), 996
Krutovite	$\text{NiAs}_2$	A	1975-009	Czech Republic	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 59	<i>Inorganic Chemistry</i> <b>7</b> (1968), 389
Kryachkoite	$(\text{Al,Cu})_6(\text{Fe,Cu})$	A	2016-062	Russia (meteorite)	<i>American Mineralogist</i> <b>102</b> (2017), 690	
Kryzhanovskite	$(\text{Fe}^{3+}, \text{Mn}^{2+})_3(\text{PO}_4)_2(\text{OH}, \text{H}_2\text{O})_3$	G	1950	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>72</b> (1950), 763	<i>Mineralogical Magazine</i> <b>43</b> (1980), 789
Ktenasite	$(\text{Cu,Zn})_5(\text{SO}_4)_2(\text{OH})_6 \cdot 6\text{H}_2\text{O}$	G	1950	Greece	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>1</b> (1950), 342	<i>Zeitschrift für Kristallographie</i> <b>147</b> (1978), 129
Kuannersuite-(Ce)	$\text{NaCeBa}_3(\text{PO}_4)_3\text{F}_{0.5}\text{Cl}_{0.5}$	A	2002-013	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>42</b> (2004), 95	
Kudriavite	$(\text{Cd,Pb})\text{Bi}_2\text{S}_4$	A	2003-011	Russia	<i>Canadian Mineralogist</i> <b>43</b> (2005), 695	<i>Canadian Mineralogist</i> <b>45</b> (2007), 437
Kudryavtsevaite	$\text{Na}_3\text{MgFe}^{3+}\text{Ti}_4\text{O}_{12}$	A	2012-078	Botswana	<i>Mineralogical Magazine</i> <b>77</b> (2013), 327	
Kukharenkoite-(Ce)	$\text{Ba}_2\text{Ce}(\text{CO}_3)_3\text{F}$	A	1995-040	Canada / Russia	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 1327	
Kukharenkoite-(La)	$\text{Ba}_2\text{La}(\text{CO}_3)_3\text{F}$	A	2002-019	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(3)</b> (2003), 55	
Kukisvumite	$\text{Na}_6\text{ZnTi}_4\text{O}_4(\text{SiO}_3)_8 \cdot 4\text{H}_2\text{O}$	A	1989-052	Russia	<i>Mineralogicheskii Zhurnal</i> <b>13(2)</b> (1991), 63	<i>Zeitschrift für Kristallographie</i> <b>215</b> (2000), 352
Kuksite	$\text{Pb}_3\text{Zn}_3\text{TeO}_6(\text{PO}_4)_2$	A	1989-018	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(5)</b> (1990), 50	<i>American Mineralogist</i> <b>95</b> (2010), 933
Kulanite	$\text{BaFe}^{2+}_2\text{Al}_2(\text{PO}_4)_3(\text{OH})_3$	A	1975-012	Canada	<i>Canadian Mineralogist</i> <b>14</b> (1976), 127	<i>Canadian Mineralogist</i> <b>32</b> (1994), 15
Kuliginite	$\text{Fe}_3\text{Mg}(\text{OH})_6\text{Cl}_2$	A	2016-049	Russia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Kuliokite-(Y)	$\text{Y}_4\text{Al}(\text{SiO}_4)_2(\text{OH})_2\text{F}_5$	A	1984-064	Russia	<i>Mineralogicheskii Zhurnal</i> <b>8(2)</b> (1986), 94	<i>Soviet Physics Doklady</i> <b>31</b> (1986), 601

Kulkeite	$\text{Na}_{0.3}\text{Mg}_8\text{Al}(\text{Si},\text{Al})_8\text{O}_{20}(\text{OH})_{10}$	A	1980-031	Algeria	<i>Contributions to Mineralogy and Petrology</i> <b>80</b> (1982), 103	
Kullerudite	$\text{NiSe}_2$	A	1967 s.p.	Finland	<i>Comptes Rendus de la Société Géologique de Finlande</i> <b>36</b> (1964), 113	
Kumdykolite	$\text{Na}(\text{AlSi}_3\text{O}_8)$	A	2007-049	Kazakhstan	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 1325	<i>American Mineralogist</i> <b>98</b> (2013), 1070
Kummerite	$\text{Mn}^{2+}\text{Fe}^{3+}\text{Al}(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	2015-036	Germany	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1243	
Kumtyubeite	$\text{Ca}_5(\text{SiO}_4)_2\text{F}_2$	A	2008-045	Russia	<i>American Mineralogist</i> <b>94</b> (2009), 1361	
Kunatite	$\text{CuFe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	2007-057	Australia	<i>Australian Journal of Mineralogy</i> <b>14</b> (2008), 3	
Kupčikite	$\text{Cu}_{3.4}\text{Fe}_{0.6}\text{Bi}_5\text{S}_{10}$	A	2001-017	Austria	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1155	
Kupletskite	$\text{K}_2\text{NaMn}^{2+}_7\text{Ti}_2\text{Si}_8\text{O}_{26}(\text{OH})_4\text{F}$	G	1956	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>108</b> (1956), 933	<i>Mineralogical Magazine</i> <b>70</b> (2006), 565
Kupletskite-(Cs)	$\text{Cs}_2\text{NaMn}^{2+}_7\text{Ti}_2\text{Si}_8\text{O}_{26}(\text{OH})_4\text{F}$	Rn	1970-009	Tajikistan	<i>Doklady Akademii Nauk SSSR</i> <b>197</b> (1971), 1394	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1
Kuramite	$\text{Cu}_3\text{SnS}_4$	A	1979-013	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>108</b> (1979), 564	
Kuranakhite	$\text{PbMn}^{4+}\text{Te}^{6+}\text{O}_6$	A	1974-030	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 310	
Kuratite	$\text{Ca}_2(\text{Fe}^{2+}_5\text{Ti})\text{O}_2[\text{Si}_4\text{Al}_2\text{O}_{18}]$	A	2013-109	Argentina (meteorite)	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1067	
Kurchatovite	$\text{CaMgB}_2\text{O}_5$	A	1965-034	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>95</b> (1966), 203	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 277
Kurgantaite	$\text{CaSrB}_5\text{O}_9\text{Cl} \cdot \text{H}_2\text{O}$	Rd	2000 s.p.	Kazakhstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 71	
Kurilite	$\text{Ag}_8\text{Te}_3\text{Se}$	A	2009-080	Russia	<i>Mineralogical Magazine</i> <b>74</b> (2010), 463	<i>Canadian Mineralogist</i> <b>53</b> (2015), 159
Kurnakovite	$\text{MgB}_3\text{O}_3(\text{OH})_5 \cdot 5\text{H}_2\text{O}$	G	1940	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>28</b> (1940), 638	<i>American Mineralogist</i> <b>97</b> (2012), 1858
Kurumsakite	$\text{Zn}_8\text{Al}_8\text{V}^{5+}_2\text{Si}_5\text{O}_{35} \cdot 27\text{H}_2\text{O}$ (?)	Q	1954	Kazakhstan	<i>Izvestiya Akademii Nauk SSSR</i> <b>134(19)</b> (1954), 116	
Kusachiite	$\text{Cu}^{2+}\text{Bi}^{3+}_2\text{O}_4$	A	1992-024	Japan	<i>Mineralogical Magazine</i> <b>59</b> (1995), 545	<i>Journal of Physics: Condensed Matter</i> <b>2</b> (1990), 2205
Kushiroite	$\text{CaAlAlSiO}_6$	A	2008-059	Antarctica (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 1479	
Kutinaite	$\text{Ag}_6\text{Cu}_{14}\text{As}_7$	A	1969-034	Czech Republic	<i>American Mineralogist</i> <b>55</b> (1970), 1083	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1099
Kutnohorite	$\text{CaMn}^{2+}(\text{CO}_3)_2$	G	1903	Czech Republic	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1903), 338	<i>American Mineralogist</i> <b>100</b> (2015), 2242
Kuzelite	$\text{Ca}_4\text{Al}_2(\text{OH})_{12}(\text{SO}_4) \cdot 6\text{H}_2\text{O}$	A	1996-053	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1997), 423	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 136
Kuzmenkoite-Mn	$\text{K}_2\text{MnTi}_4(\text{Si}_4\text{O}_{12})_2(\text{OH})_4 \cdot 5-6\text{H}_2\text{O}$	Rn	1998-058	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(4)</b> (1999), 42	<i>Crystallography Reports</i> <b>45</b> (2000), 759
Kuzmenkoite-Zn	$\text{K}_2\text{ZnTi}_4(\text{Si}_4\text{O}_{12})_2(\text{OH})_4 \cdot 6-8\text{H}_2\text{O}$	A	2001-037	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(2)</b> (2002), 45	

Kuzminite	HgBr	A	1986-005	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>115</b> (1986), 595	
Kuznetsovite	Hg <sup>1+</sup> <sub>2</sub> Hg <sup>2+</sup> (AsO <sub>4</sub> )Cl	A	1980-009	Kyrgyzstan / Russia	<i>Doklady Akademii Nauk SSSR</i> <b>255</b> (1980), 1963	<i>Kristallografiya</i> <b>36</b> (1991), 731
Kvanefeldite	Na <sub>4</sub> CaSi <sub>6</sub> O <sub>14</sub> (OH) <sub>2</sub>	A	1982-079	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>22</b> (1984), 465	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 505
Kyanite	Al <sub>2</sub> OSiO <sub>4</sub>	A	1967 s.p.	Austria	<i>Bergmannisches Journal</i> <b>1</b> (1789), 369	<i>American Mineralogist</i> <b>91</b> (2006), 740
Kyanoxalite	Na <sub>7</sub> (Al <sub>5-6</sub> Si <sub>6-7</sub> O <sub>24</sub> )(C <sub>2</sub> O <sub>4</sub> ) <sub>0.5-1.0</sub> ·5H <sub>2</sub> O	A	2008-041	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(6)</b> (2009), 18	
Kyawthuite	Bi <sup>3+</sup> Sb <sup>5+</sup> O <sub>4</sub>	A	2015-078	Myanmar	<i>Mineralogical Magazine</i> <b>81</b> (2017), 477	
Kyrgyzstanite	ZnAl <sub>4</sub> (SO <sub>4</sub> )(OH) <sub>12</sub> ·3H <sub>2</sub> O	A	2004-024	Kyrgyzstan	<i>New Data on Minerals</i> <b>40</b> (2005), 23	
Kyzylkumite	Ti <sub>2</sub> V <sup>3+</sup> O <sub>5</sub> (OH)	A	1980-081	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 607	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>144(2)</b> (2015), 48
Laachite	(Ca,Mn) <sub>2</sub> Zr <sub>2</sub> Nb <sub>2</sub> TiFeO <sub>14</sub>	A	2012-100	Germany	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 103	
Labuntsovite-Fe	Na <sub>4</sub> K <sub>4</sub> Fe <sup>2+</sup> <sub>2</sub> Ti <sub>8</sub> O <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>4</sub> (OH) <sub>4</sub> ·10-12H <sub>2</sub> O	A	1998-051a	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(4)</b> (2001), 36	
Labuntsovite-Mg	Na <sub>4</sub> K <sub>4</sub> Mg <sub>2</sub> Ti <sub>8</sub> O <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>4</sub> (OH) <sub>4</sub> ·10-12H <sub>2</sub> O	A	1998-050a	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(4)</b> (2001), 36	
Labuntsovite-Mn	Na <sub>4</sub> K <sub>4</sub> Mn <sup>2+</sup> <sub>2</sub> Ti <sub>8</sub> O <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>4</sub> (OH) <sub>4</sub> ·10-12H <sub>2</sub> O	Rn	2000 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>101</b> (1955), 1113	<i>Kristallografiya</i> <b>18</b> (1973), 950
Labyrinthite	(Na,K,Sr) <sub>35</sub> Ca <sub>12</sub> Fe <sub>3</sub> Zr <sub>6</sub> TiSi <sub>51</sub> O <sub>144</sub> (O,OH,H <sub>2</sub> O) <sub>9</sub> Cl <sub>3</sub>	A	2002-065	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(2)</b> (2006), 38	<i>Crystallography Reports</i> <b>46</b> (2001), 752
Lacroixite	NaAl(PO <sub>4</sub> )F	G	1914	Germany	<i>Bulletin de la Société Française de Minéralogie</i> <b>37</b> (1914), 157	<i>American Mineralogist</i> <b>70</b> (1985), 849
Laffittite	AgHgAs <sub>3</sub>	A	1973-031	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>97</b> (1974), 48	<i>American Mineralogist</i> <b>68</b> (1983), 235
Laflammeite	Pd <sub>3</sub> Pb <sub>2</sub> S <sub>2</sub>	A	2000-014	Finland	<i>Canadian Mineralogist</i> <b>40</b> (2002), 671	
Laforêtite	AgInS <sub>2</sub>	A	1995-006	France	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 891	
Lafossaite	TiCl	A	2003-032	Italy	<i>Mineralogical Record</i> <b>37</b> (2006), 165	
Lagalyite	Ca <sub>2x</sub> Mn <sub>1-x</sub> O <sub>2</sub> ·1.5-2H <sub>2</sub> O (x = 0.05-0.08)	A	2016-106	Germany	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Lahnsteinite	Zn <sub>4</sub> (SO <sub>4</sub> )(OH) <sub>6</sub> ·3H <sub>2</sub> O	A	2012-002	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>142(1)</b> (2013), 39	<i>Crystallography Reports</i> <b>57</b> (2012), 737
Laihunite	(Fe <sup>3+</sup> ,Fe <sup>2+</sup> ,□) <sub>2</sub> (SiO <sub>4</sub> )	A	1988-xxx	China	<i>Geochimica</i> <b>2</b> (1976), 95	<i>American Mineralogist</i> <b>71</b> (1986), 1455
Laitakarite	Bi <sub>4</sub> (Se,S) <sub>3</sub>	A	1967 s.p.	Finland	<i>Geologi</i> <b>3</b> (1959), 11	<i>Doklady Akademii Nauk SSSR</i> <b>303</b> (1988), 1468
Lakargiite	CaZrO <sub>3</sub>	A	2007-014	Russia	<i>American Mineralogist</i> <b>93</b> (2008), 1903	
Lakebogaite	NaCaFe <sub>2</sub> H(UO <sub>2</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	2007-001	Australia	<i>American Mineralogist</i> <b>93</b> (2008), 691	



Lalondeite	$(\text{Na,Ca})_6(\text{Ca,Na})_3\text{Si}_{16}\text{O}_{38}(\text{F,OH})_2 \cdot 3\text{H}_2\text{O}$	A	2002-026	Canada	<i>Canadian Mineralogist</i> <b>47</b> (2009), 181	
Lammerite	$\text{Cu}_3(\text{AsO}_4)_2$	A	1980-016	Bolivia	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>28</b> (1981), 157	<i>American Mineralogist</i> <b>71</b> (1986), 206
Lammerite-β	$\text{Cu}_3(\text{AsO}_4)_2$	A	2009-002	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140</b> (2011), 46	
Lamprophyllite	$(\text{SrNa})\text{Ti}_2\text{Na}_3\text{Ti}(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2$	Rd	2016 s.p.	Russia	<i>Bulletin de la Société de Géographie de Finlande</i> <b>11(2)</b> (1894), 101	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 711
Lanarkite	$\text{Pb}_2\text{O}(\text{SO}_4)$	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 366	<i>Zeitschrift für Kristallographie</i> <b>132</b> (1970), 99
Landauite	$(\text{Na,Pb})(\text{Mn}^{2+}, \text{Y})(\text{Zn,Fe})_2(\text{Ti,Fe}^{3+}, \text{Nb})_{18}(\text{O,OH,F})\text{O}_{38}$	A	1965-033	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>166</b> (1966), 1420	<i>Canadian Mineralogist</i> <b>16</b> (1978), 63
Landesite	$\text{Mn}^{2+}_9\text{Fe}^{3+}_3(\text{PO}_4)_8(\text{OH})_3 \cdot 9\text{H}_2\text{O}$	Rd	1964 s.p.	USA	<i>American Mineralogist</i> <b>15</b> (1930), 375	<i>Mineralogical Magazine</i> <b>43</b> (1980), 789
Långbanite	$\text{Mn}^{2+}_4\text{Mn}^{3+}_9\text{Sb}^{5+}\text{O}_{16}(\text{SiO}_4)_2$	A	1971 s.p.	Sweden	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>13</b> (1888), 1	<i>American Mineralogist</i> <b>76</b> (1991), 1408
Långbanshyttanite	$\text{Pb}_2\text{Mn}_2\text{Mg}(\text{AsO}_4)_2(\text{OH})_4 \cdot 6\text{H}_2\text{O}$	A	2010-071	Sweden	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 675	
Langbeinite	$\text{K}_2\text{Mg}_2(\text{SO}_4)_3$	G	1891	Germany	<i>Zeitschrift für Angewandte Chemie</i> (1891), 356	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1979), 182
Langisite	$\text{CoAs}$	A	1968-023	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1969), 597	<i>Acta Chemica Scandinavica</i> <b>A38</b> (1984), 687
Langite	$\text{Cu}_4(\text{SO}_4)(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	G	1864	United Kingdom	<i>Philosophical Magazine and Journal of Science</i> <b>28</b> (1864), 403	<i>Acta Crystallographica</i> <b>C40</b> (1984), 1309
Lanmuchangite	$\text{TlAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	A	2001-018	China	<i>Acta Mineralogica Sinica</i> <b>21</b> (2001), 271	<i>Acta Crystallographica</i> <b>B56</b> (2000), 204
Lannonite	$\text{HCa}_4\text{Mg}_2\text{Al}_4(\text{SO}_4)_8\text{F}_9 \cdot 32\text{H}_2\text{O}$	A	1979-069	USA	<i>Mineralogical Magazine</i> <b>47</b> (1983), 37	
Lansfordite	$\text{Mg}(\text{CO}_3) \cdot 5\text{H}_2\text{O}$	G	1888	USA	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>14</b> (1888), 255	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1063
Lanthanite-(Ce)	$\text{Ce}_2(\text{CO}_3)_3 \cdot 8\text{H}_2\text{O}$	A	1983-055	United Kingdom	<i>American Mineralogist</i> <b>70</b> (1985), 411	
Lanthanite-(La)	$\text{La}_2(\text{CO}_3)_3 \cdot 8\text{H}_2\text{O}$	A	1987 s.p.	Sweden	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 500	<i>American Mineralogist</i> <b>62</b> (1977), 142
Lanthanite-(Nd)	$\text{Nd}_2(\text{CO}_3)_3 \cdot 8\text{H}_2\text{O}$	A	1979-074	Brazil	<i>Geological Survey of Canada</i> <b>1C</b> (1980), 141	<i>Acta Crystallographica</i> <b>E69</b> (2013), i15
Lapeyreite	$\text{Cu}_3\text{O}[\text{AsO}_3(\text{OH})]_2 \cdot \text{H}_2\text{O}$	A	2003-023b	France	<i>American Mineralogist</i> <b>95</b> (2010), 171	
Laphamite	$\text{As}_2(\text{Se,S})_3$	A	1985-021	USA	<i>Mineralogical Magazine</i> <b>50</b> (1986), 279	<i>Canadian Mineralogist</i> <b>46</b> (2008), 269
Lapieite	$\text{CuNiSbS}_3$	A	1983-002	Canada	<i>Canadian Mineralogist</i> <b>22</b> (1984), 561	
Laplandite-(Ce)	$\text{Na}_4\text{CeTiPSi}_7\text{O}_{22} \cdot 5\text{H}_2\text{O}$	A	1974-005	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 571	
Laptevite-(Ce)	$\text{NaFe}^{2+}(\text{REE}_7\text{Ca}_5\text{Y}_3)(\text{SiO}_4)_4(\text{Si}_3\text{B}_2\text{PO}_{18})(\text{BO}_3)\text{F}_{11}$	A	2011-081	Tajikistan	<i>New Data on Minerals</i> <b>48</b> (2013), 5	<i>Zeitschrift für Kristallographie</i> <b>228</b> (2013), 550
Larderellite	$(\text{NH}_4)\text{B}_5\text{O}_7(\text{OH})_2 \cdot \text{H}_2\text{O}$	G	1854	Italy	<i>Journal of Science and Arts, Series II</i> <b>17</b> (1854), 129	<i>Acta Crystallographica</i> <b>B25</b> (1969), 2264
Larisaite	$\text{Na}(\text{H}_3\text{O})(\text{UO}_2)_3(\text{Se}^{4+}\text{O}_3)_2\text{O}_2 \cdot 4\text{H}_2\text{O}$	A	2002-061	USA	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 367	
Larnite	$\text{Ca}_2(\text{SiO}_4)$	G	1929	United Kingdom	<i>Mineralogical Magazine</i> <b>22</b> (1929), 77	<i>Acta Crystallographica</i> <b>B33</b> (1977), 1696

Larosite	$(\text{Cu,Ag})_{21}\text{PbBiS}_{13}$	A	1971-014	Canada	<i>Canadian Mineralogist</i> <b>11</b> (1972), 886	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1569
Larsenite	$\text{ZnPb}(\text{SiO}_4)$	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 334	<i>Zeitschrift für Kristallographie</i> <b>124</b> (1967), 115
Lasalite	$\text{Na}_2\text{Mg}_2\text{V}_{10}\text{O}_{28}\cdot 20\text{H}_2\text{O}$	A	2007-005	USA	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1365	
Latiumite	$(\text{Ca,K})_4(\text{Si,Al})_5\text{O}_{11}(\text{SO}_4,\text{CO}_3)$	G	1953	Italy	<i>Mineralogical Magazine</i> <b>30</b> (1953), 39	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 167
Latrappite	$\text{Ca}_2\text{NbFe}^{3+}\text{O}_6$	Rd	2016 s.p.	Canada	<i>Canadian Mineralogist</i> <b>8</b> (1964), 121	<i>Canadian Mineralogist</i> <b>36</b> (1998), 107
Lauzeite	$\text{Mn}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2\cdot 8\text{H}_2\text{O}$	G	1954	Germany	<i>Naturwissenschaften</i> <b>41</b> (1954), 2	<i>Mineralogical Magazine</i> <b>79</b> (2015), 309
Laumontite	$\text{CaAl}_2\text{Si}_4\text{O}_{12}\cdot 4\text{H}_2\text{O}$	A	1997 s.p.	France	Handbuch der Oryktognosie. Mohn & Winter, Heidelberg (1821), 448	<i>Zeolites</i> <b>13</b> (1993), 249
Launayite	$\text{CuPb}_{10}(\text{Sb,As})_{13}\text{S}_{20}$	A	1966-021	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	<i>Mineralogical Record</i> <b>13</b> (1982), 93
Laurelite	$\text{Pb}_7\text{F}_{12}\text{Cl}_2$	A	1988-020a	USA	<i>American Mineralogist</i> <b>74</b> (1989), 927	<i>American Mineralogist</i> <b>81</b> (1996), 1277
Laurentianite	$[\text{NbO}(\text{H}_2\text{O})]_3(\text{Si}_2\text{O}_7)_2[\text{Na}(\text{H}_2\text{O})_2]_3$	A	2010-018	Canada	<i>Canadian Mineralogist</i> <b>50</b> (2012), 1265	
Laurionite	$\text{PbCl}(\text{OH})$	G	1887	Greece	<i>Annalen des Kaiserlich-Königlichen Naturhistorischen Hofmuseums</i> <b>2</b> (1887), 185	<i>Zeitschrift für Kristallographie</i> <b>141</b> (1975), 246
Laurite	$\text{RuS}_2$	G	1866	Indonesia	<i>Nachrichten von der Königliche Gesellschaft der Wissenschaftern und der Georg-Augusts-Universität</i> (1866), 155	<i>Acta Crystallographica</i> <b>C46</b> (1990), 2003
Lausenite	$\text{Fe}^{3+}_2(\text{SO}_4)_3\cdot 5\text{H}_2\text{O}$	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 203	<i>American Mineralogist</i> <b>90</b> (2005), 411
Lautarite	$\text{Ca}(\text{IO}_3)_2$	G	1891	Chile	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>19</b> (1891), 447	<i>Acta Crystallographica</i> <b>B34</b> (1978), 84
Lautenthalite	$\text{PbCu}_4(\text{SO}_4)_2(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	1983-029	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1993), 401	
Lautite	$\text{CuAsS}$	G	1881	Germany	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>3</b> (1881), 515	<i>Acta Crystallographica</i> <b>E64</b> (2008), i22
Lavendulan	$\text{NaCaCu}_5(\text{AsO}_4)_4\text{Cl}\cdot 5\text{H}_2\text{O}$	G	1853	Czech Republic	<i>Journal für Praktische Chemie</i> <b>10</b> (1853), 505	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 75
Låvenite	$(\text{Na,Ca})_4(\text{Mn}^{2+},\text{Fe}^{2+})_2(\text{Zr,Ti,Nb})_2(\text{Si}_2\text{O}_7)_2(\text{O,F})_4$	G	1884	Norway	<i>Geologiska Föreningen i Stockholm Förhandlingar</i> <b>7</b> (1884), 598	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>28</b> (1981), 99
Lavinskyite	$\text{K}(\text{LiCu})\text{Cu}_6(\text{Si}_4\text{O}_{11})_2(\text{OH})_4$	A	2012-028	South Africa	<i>American Mineralogist</i> <b>99</b> (2014), 525	
Lavoisierite	$\text{Mn}^{2+}_8[\text{Al}_{10}(\text{Mn}^{3+}\text{Mg})][\text{Si}_{11}\text{P}]\text{O}_{44}(\text{OH})_{12}$	A	2012-009	Italy	<i>Physics and Chemistry of Minerals</i> <b>40</b> (2013), 239	
Lavrentievite	$\text{Hg}_3\text{S}_2\text{Cl}_2$	A	1984-020	Russia	<i>Geologiya i Geofizika</i> <b>7</b> (1984), 54	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1239
Lawrencite	$\text{FeCl}_2$	G	1877	USA	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>84</b> (1877), 66	<i>Journal of Physics and Chemistry of Solids</i> <b>36</b> (1975), 401
Lawsonbauerite	$\text{Mn}^{2+}_9\text{Zn}_4(\text{SO}_4)_2(\text{OH})_{22}\cdot 8\text{H}_2\text{O}$	A	1979-004	USA	<i>American Mineralogist</i> <b>64</b> (1979), 949	<i>American Mineralogist</i> <b>67</b> (1982), 1029
Lawsonite	$\text{CaAl}_2(\text{Si}_2\text{O}_7)(\text{OH})_2\cdot \text{H}_2\text{O}$	G	1895	USA	<i>University of California, Department of Geology Bulletin</i> <b>1</b> (1895), 301	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 63
Lazarenkoite	$\text{CaFe}^{3+}\text{As}^{3+}_3\text{O}_7\cdot 3\text{H}_2\text{O}$	A	1980-076	Russia	<i>Mineralogicheskii Zhurnal</i> <b>3(3)</b> (1981), 92	<i>Probl. Kristalloghim. Genezisa Miner</i> (1986), 145
Lazaridisite	$\text{Cd}_3(\text{SO}_4)_3\cdot 8\text{H}_2\text{O}$	A	2012-043	Greece	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	

Lazulite	$MgAl_2(PO_4)_2(OH)_2$	A	1967 s.p.	Austria	Beiträge zur Chemischen Kenntniss der Mineralkörper, Vol. 1. Decker, Berlin (1795), 197	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 410
Lazurite	$Na_3Ca(Si_3Al_3)O_{12}S$	G	1891	Afghanistan	<i>Zeitschrift für Krystallographie und Mineralogie</i> <b>18</b> (1891), 209	<i>Acta Crystallographica</i> <b>C41</b> (1985), 827
Lead	Pb	G	?	unknown	<i>Journal of Applied Physics</i> <b>20</b> (1949), 726	<i>Canadian Mineralogist</i> <b>46</b> (2008), 73
Leadamalgam	$HgPb_2$	A	1981-042	China	<i>Dizhi Lunping [Geological Review]</i> 27 (1981), 108	
Leadhillite	$Pb_4(SO_4)(CO_3)_2(OH)_2$	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 366	<i>American Mineralogist</i> <b>90</b> (2005), 1641
Lechatelierite	$SiO_2$	Q	1915	unknown	<i>Bulletin de la Société Française de Minéralogie</i> <b>38</b> (1915), 182	
Lecontite	$(NH_4)Na(SO_4) \cdot 2H_2O$	G	1858	Honduras	<i>American Journal of Science and Arts</i> <b>26</b> (1858), 273	<i>Acta Crystallographica</i> <b>22</b> (1967), 683
Lecoqite-(Y)	$Na_3Y(CO_3)_3 \cdot 6H_2O$	A	2008-069	Canada	<i>Canadian Mineralogist</i> <b>48</b> (2010), 95	
Leesite	$K(H_2O)_2[(UO_2)_4O_2(OH)_5] \cdot 3H_2O$	A	2016-064	USA	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Lefontite	$Fe_2Al_2Be(PO_4)_2(OH)_6$	A	2014-075	Brazil	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	
Legrandite	$Zn_2(AsO_4)(OH) \cdot H_2O$	G	1932	Mexico	<i>Mineralogical Magazine</i> <b>23</b> (1932), 175	<i>Canadian Mineralogist</i> <b>51</b> (2013), 233
Leguernite	$Bi_{12.67}O_{14}(SO_4)_5$	A	2013-051	Italy	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1629	
Lehnerite	$Mn^{2+}(UO_2)_2(PO_4)_2 \cdot 8H_2O$	A	1986-032	Germany	<i>Aufschluss</i> <b>39</b> (1988), 209	
Leifite	$Na_7Be_2(Si_{15}Al_3)O_{39}(F,OH)_2$	Rd	2002 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>51</b> (1915), 429	<i>Canadian Mineralogist</i> <b>40</b> (2002), 183
Leightonite	$K_2Ca_2Cu(SO_4)_4 \cdot 2H_2O$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 34	<i>American Mineralogist</i> <b>87</b> (2002), 721
Leisingite	$CuMg_2Te^{6+}O_6 \cdot 6H_2O$	A	1995-011	USA	<i>Mineralogical Magazine</i> <b>60</b> (1996), 653	<i>Canadian Mineralogist</i> <b>35</b> (1997), 759
Leiteite	$ZnAs^{3+}_2O_4$	A	1976-026	Namibia	<i>Mineralogical Record</i> <b>8</b> (1977), 95	<i>American Mineralogist</i> <b>72</b> (1987), 629
Lemanskiite	$NaCaCu_5(AsO_4)_4Cl \cdot 5H_2O$	A	1999-037	Chile	<i>Canadian Mineralogist</i> <b>44</b> (2006), 523	
Lemleinite-Ba	$Na_4K_4Ba_{2+x}Ti_8(Si_4O_{12})_4(OH, O)_8 \cdot 8H_2O$	A	1998-052a	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 36	<i>Doklady Akademii Nauk</i> <b>357</b> (1997), 64
Lemleinite-K	$Na_4K_8Ti_8(Si_4O_{12})_4(OH, O)_8 \cdot 8H_2O$	Rn	1997-003	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(5)</b> (1999), 54	<i>Doklady Akademii Nauk</i> <b>351</b> (1996), 207
Lemoynite	$Na_2CaZr_2Si_{10}O_{26} \cdot 5-6H_2O$	A	1968-013	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1969), 585	<i>Canadian Mineralogist</i> <b>14</b> (1976), 132
Lenaite	$AgFeS_2$	A	1994-008	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(5)</b> (1995), 85	<i>Canadian Mineralogist</i> <b>44</b> (2006), 207
Lengenbachite	$Ag_4Cu_2Pb_{18}As_{12}S_{39}$	G	1905	Switzerland	<i>Mineralogical Magazine</i> <b>14</b> (1905), 72	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>166</b> (1994), 169
Leningradite	$PbCu_3(VO_4)_2Cl_2$	A	1988-014	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>310</b> (1990), 1434	<i>Canadian Mineralogist</i> <b>45</b> (2007), 445
Lennilenapeite	$K_7(Mg, Mn^{2+}, Fe^{2+}, Zn)_{48}(Si, Al)_{72}(O, OH)_{216} \cdot 16H_2O$	A	1982-085	USA	<i>Canadian Mineralogist</i> <b>22</b> (1984), 259	
Lenoblite	$V^{4+}_2O_4 \cdot 2H_2O$	A	1970-002	Gabon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 235	
Leogangite	$Cu_{10}(AsO_4)_4(SO_4)(OH)_6 \cdot 8H_2O$	A	1998-032	Austria	<i>Mineralogy and Petrology</i> <b>81</b> (2004), 187	

Leonardsenite	MgAlF <sub>5</sub> ·2H <sub>2</sub> O	A	2011-059	Iceland	<i>Canadian Mineralogist</i> <b>51</b> (2013), 377	
Leonite	K <sub>2</sub> Mg(SO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	G	1896	Germany	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>48</b> (1896), 632	<i>American Mineralogist</i> <b>86</b> (2001), 1282
Leószilárdite	Na <sub>6</sub> Mg(UO <sub>2</sub> ) <sub>2</sub> (CO <sub>3</sub> ) <sub>6</sub> ·6H <sub>2</sub> O	A	2015-128	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1039	
Lepersonnite-(Gd)	CaGd <sub>2</sub> (UO <sub>2</sub> ) <sub>24</sub> (CO <sub>3</sub> ) <sub>8</sub> Si <sub>4</sub> O <sub>28</sub> ·60H <sub>2</sub> O	A	1981-036	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>20</b> (1982), 231	
Lepidocrocite	Fe <sup>3+</sup> O(OH)	A	1980 s.p.	Czech Republic	Handbuch der Mineralogie. Vandenhoeck und Ruprecht, Göttingen (1813)	<i>Journal of Chemical Physics</i> <b>3</b> (1935), 420
Lepkhenelmitite-Zn	Ba <sub>2</sub> Zn(Ti,Nb) <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (O,OH) <sub>4</sub> ·7H <sub>2</sub> O	A	2003-003	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(1)</b> (2004), 49	
Lermontovite	U <sup>4+</sup> (PO <sub>4</sub> ) <sub>3</sub> (OH)·H <sub>2</sub> O	G	1956	Russia	Handbook for Determination of Uranium Minerals. Gosgeoltekhizdat, Moscow (1956), 199	<i>Mineralogicheskii Zhurnal</i> <b>5</b> (1983), 82
Lesukite	Al <sub>2</sub> (OH) <sub>5</sub> Cl·2H <sub>2</sub> O	A	1996-004	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(2)</b> (1997), 104	
Letovicite	(NH <sub>4</sub> ) <sub>3</sub> H(SO <sub>4</sub> ) <sub>2</sub>	G	1932	Czech Republic	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>83</b> (1932), 117	<i>Acta Crystallographica</i> <b>B41</b> (1985), 209
Leucite	K(AlSi <sub>2</sub> O <sub>6</sub> )	A	1997 s.p.	Italy	<i>Bergmannisches Journal</i> <b>2</b> (1791), 483	<i>American Mineralogist</i> <b>93</b> (2008), 1588
Leucophanite	NaCaBeSi <sub>2</sub> O <sub>6</sub> F	G	1840	Norway	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> (1840), 191	<i>Mineralogical Magazine</i> <b>71</b> (2007), 625
Leucophoenicite	Mn <sup>2+</sup> <sub>7</sub> (SiO <sub>4</sub> ) <sub>3</sub> (OH) <sub>2</sub>	G	1899	USA	<i>American Journal of Science</i> <b>8</b> (1899), 339	<i>American Mineralogist</i> <b>55</b> (1970), 1146
Leucophosphite	KFe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH)·2H <sub>2</sub> O	G	1932	Australia	<i>Journal of the Royal Society of Western Australia</i> <b>18</b> (1932), 69	<i>American Mineralogist</i> <b>57</b> (1972), 397
Leucosphenite	Na <sub>4</sub> BaTi <sub>2</sub> B <sub>2</sub> Si <sub>10</sub> O <sub>30</sub>	G	1901	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 137	<i>Doklady Akademii Nauk SSSR</i> <b>257</b> (1981), 1128
Leucostaurite	Pb <sub>2</sub> [B <sub>5</sub> O <sub>9</sub> ]Cl·0.5H <sub>2</sub> O	A	2007-047	Chile	<i>American Mineralogist</i> <b>97</b> (2012), 1206	
Levantite	KCa <sub>3</sub> Al <sub>2</sub> (SiO <sub>4</sub> )(Si <sub>2</sub> O <sub>7</sub> )(PO <sub>4</sub> )	A	2017-010	Israel	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Leverettite	Cu <sub>3</sub> CoCl <sub>2</sub> (OH) <sub>6</sub>	A	2013-011	Chile	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3047	
Levinsonite-(Y)	YAl(SO <sub>4</sub> ) <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> )·12H <sub>2</sub> O	A	1996-057	USA	<i>Geochimica et Cosmochimica Acta</i> <b>65</b> (2001), 1101	
Lévyclaudite	Pb <sub>8</sub> Cu <sub>3</sub> Sn <sub>7</sub> (Bi,Sb) <sub>3</sub> S <sub>28</sub>	A	1989-034	Greece	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 711	<i>Acta Crystallographica</i> <b>B62</b> (2006), 775
Lévyne-Ca	Ca <sub>3</sub> (Si <sub>12</sub> Al <sub>6</sub> )O <sub>36</sub> ·18H <sub>2</sub> O	Rn	1997 s.p.	Denmark (Faroe Islands)	<i>Edinburgh Journal of Science</i> <b>2</b> (1825), 323	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>22</b> (1975), 117
Lévyne-Na	Na <sub>6</sub> (Si <sub>12</sub> Al <sub>6</sub> )O <sub>36</sub> ·18H <sub>2</sub> O	Rn	1997 s.p.	Japan	<i>Geological Survey of Japan Memoirs</i> <b>11</b> (1974), 283	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2887
Leydetite	Fe(UO <sub>2</sub> )(SO <sub>4</sub> ) <sub>2</sub> ·11H <sub>2</sub> O	A	2012-065	France	<i>Mineralogical Magazine</i> <b>77</b> (2013), 429	
Liandratite	U <sup>6+</sup> Nb <sub>2</sub> O <sub>8</sub>	A	1975-039	Madagascar	<i>American Mineralogist</i> <b>63</b> (1978), 941	
Liberite	Li <sub>2</sub> Be(SiO <sub>4</sub> )	A	1967 s.p.	China	<i>Acta Geologica Sinica</i> <b>44</b> (1964), 334	<i>Journal of Mineralogy and Geochemistry</i> <b>191</b> (2014), 311

Libethenite	$\text{Cu}_2(\text{PO}_4)(\text{OH})$	G	1823	Slovakia	Vollständige Charakteristik des Mineral-Systems. Arnoldische, Dresden (1823), 266	<i>Canadian Mineralogist</i> <b>16</b> (1978), 153
Liebauite	$\text{Ca}_3\text{Cu}_5\text{Si}_9\text{O}_{26}$	A	1990-040	Germany	<i>Zeitschrift für Kristallographie</i> <b>200</b> (1992), 115	
Liebenbergite	$\text{Ni}_2(\text{SiO}_4)$	A	1972-033	South Africa	<i>American Mineralogist</i> <b>58</b> (1973), 733	<i>American Mineralogist</i> <b>81</b> (1996), 1519
Liebermannite	$\text{KAlSi}_3\text{O}_8$	A	2013-128	Nigeria (meteorite)	<i>Meteoritics &amp; Planetary Sciences</i> (2017), 1	
Liebigite	$\text{Ca}_2(\text{UO}_2)(\text{CO}_3)_3 \cdot 11\text{H}_2\text{O}$	G	1848	Turkey	<i>American Journal of Science and Arts</i> <b>5</b> (1848), 336	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>30</b> (1982), 277
Likasite	$\text{Cu}_3(\text{NO}_3)(\text{OH})_5 \cdot 2\text{H}_2\text{O}$	G	1955	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>78</b> (1955), 84	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 101
Lileyite	$\text{Ba}_2\text{Ti}_2\text{Na}_2\text{Fe}^{2+}\text{Mg}(\text{Si}_2\text{O}_7)_2\text{O}_2\text{F}_2$	Rd	2011-021	Germany	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 181	
Lillianite	$\text{Pb}_{3-2x}\text{Ag}_x\text{Bi}_{2+x}\text{S}_6$	G	1889	USA	<i>Zeitschrift für Kristallographie</i> <b>17</b> (1889), 67	<i>Canadian Mineralogist</i> <b>44</b> (2006), 159
Lime	$\text{CaO}$	G	1882	Italy	<i>Memorie della Società Italiana di Scienze Matematiche e Fisiche, detta dei XL, Serie III</i> <b>4</b> (1882), 34 p.	<i>Physics and Chemistry of Minerals</i> <b>27</b> (1999), 103
Linarite	$\text{CuPb}(\text{SO}_4)(\text{OH})_2$	G	1822	Spain	<i>Annals of Philosophy</i> <b>4</b> (1822), 117	<i>Canadian Mineralogist</i> <b>47</b> (2009), 649
Lindackerite	$\text{Cu}_5(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 9\text{H}_2\text{O}$	Rd	1995 s.p.	Czech Republic	<i>Jahrbuch der Kaiserlich Königlichen Geologischen Reichsanstalt</i> <b>4</b> (1853), 221	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1035
Lindbergite	$\text{Mn}(\text{C}_2\text{O}_4) \cdot 2\text{H}_2\text{O}$	A	2003-029	Brazil	<i>American Mineralogist</i> <b>89</b> (2004), 1087	<i>Physics and Chemistry of Minerals</i> <b>35</b> (2008), 467
Lindgrenite	$\text{Cu}_3(\text{Mo}^{6+}\text{O}_4)_2(\text{OH})_2$	G	1935	Chile	<i>American Mineralogist</i> <b>20</b> (1935), 484	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 234
Lindqvistite	$\text{Pb}_2\text{Mn}^{2+}\text{Fe}^{3+}_{16}\text{O}_{27}$	A	1991-038	Sweden	<i>American Mineralogist</i> <b>78</b> (1993), 1304	
Lindsleyite	$(\text{Ba},\text{Sr})(\text{Zr},\text{Ca})(\text{Fe},\text{Mg})_2(\text{Ti},\text{Cr},\text{Fe})_{18}\text{O}_{38}$	A	1982-086	South Africa	<i>American Mineralogist</i> <b>68</b> (1983), 494	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1083
Lindströmite	$\text{Pb}_3\text{Cu}_3\text{Bi}_7\text{S}_{15}$	A	1975-005a	Sweden	<i>American Mineralogist</i> <b>61</b> (1976), 15	<i>Canadian Mineralogist</i> <b>46</b> (2008), 525
Línkite	$\text{K}_2\text{Ca}_3[(\text{UO}_2)(\text{CO}_3)_3]_2 \cdot 7\text{H}_2\text{O}$	A	2012-066	Czech Republic	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Lingunite	$\text{NaAlSi}_3\text{O}_8$	A	2004-054	China (meteorite)	<i>Earth and Planetary Science Letters</i> <b>246</b> (2006), 317	<i>International Geology Review</i> <b>49</b> (2007), 854
Linnaeite	$\text{Co}^{2+}\text{Co}^{3+}_2\text{S}_4$	G	1845	Sweden	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 560	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>239</b> (1938), 85
Lintisite	$\text{Na}_3\text{LiTi}_2\text{O}_2(\text{SiO}_3)_4 \cdot 2\text{H}_2\text{O}$	A	1989-025	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(3)</b> (1990), 76	<i>Zeitschrift für Kristallographie</i> <b>193</b> (1990), 137
Linzhiite	$\text{FeSi}_2$	A	2010-011	China	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 1047	
Liottite	$\text{Na}_{16}\text{Ca}_8\text{Si}_{18}\text{Al}_{18}\text{O}_{72}(\text{SO}_4)_5\text{Cl}_4$	A	1975-036	Italy	<i>American Mineralogist</i> <b>62</b> (1977), 321	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1021
Lipscombite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2$	G	1962	Brazil	<i>American Mineralogist</i> <b>47</b> (1962), 353	<i>American Mineralogist</i> <b>74</b> (1989), 456
Lipuite	$\text{KNa}_8\text{Mn}^{3+}_5\text{Mg}_{0.5}[\text{Si}_{12}\text{O}_{30}(\text{OH})_4](\text{PO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	2014-085	South Africa	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	

Liroconite	$\text{Cu}_2\text{Al}(\text{AsO}_4)(\text{OH})_4 \cdot 4\text{H}_2\text{O}$	G	1825	United Kingdom	Treatise on Mineralogy vol. 1. Archibald Constable, Edinburgh (1825), 416	<i>Acta Crystallographica</i> <b>C47</b> (1991), 916
Lisetite	$\text{Na}_2\text{CaAl}_4(\text{SiO}_4)_4$	A	1985-017	Norway	<i>American Mineralogist</i> <b>71</b> (1986), 1372	<i>American Mineralogist</i> <b>71</b> (1986), 1378
Lishizhenite	$\text{ZnFe}^{3+}_2(\text{SO}_4)_4 \cdot 14\text{H}_2\text{O}$	A	1989-002	China	<i>Acta Mineralogica Sinica</i> <b>10</b> (1990), 299	<i>Kexue Tongbao</i> <b>33</b> (1988), 1783
Lisiguangite	$\text{CuPtBiS}_3$	A	2007-003	China	<i>Acta Geologica Sinica</i> <b>83</b> (2009), 238	
Lisitsynite	$\text{KBSi}_2\text{O}_6$	A	2000-008	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(6)</b> (2000), 35	Applied Mineralogy. Balkema, Rotterdam (2000), 245
Liskeardite	$(\text{Al,Fe})_{32}(\text{AsO}_4)_{18}(\text{OH})_{42}(\text{H}_2\text{O})_{22} \cdot 52\text{H}_2\text{O}$	G	1878	United Kingdom	<i>Nature</i> <b>18</b> (1878), 426	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3125
Lisikirchnerite	$\text{Pb}_6\text{Al}(\text{OH})_8\text{Cl}_2(\text{NO}_3)_5 \cdot 2\text{H}_2\text{O}$	A	2015-064	Argentina	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	
Litharge	$\text{PbO}$	G	1917	USA	<i>American Mineralogist</i> <b>2</b> (1917), 18	<i>Journal of Solid State Chemistry</i> <b>57</b> (1985), 343
Lithiomarsturite	$\text{LiMn}^{2+}_2\text{Ca}_2\text{Si}_5\text{O}_{14}(\text{OH})$	A	1988-035	USA	<i>American Mineralogist</i> <b>75</b> (1990), 409	<i>Acta Crystallographica</i> <b>E67</b> (2011), i73
Lithiophilite	$\text{LiMn}^{2+}(\text{PO}_4)$	G	1878	USA	<i>American Journal of Science and Arts</i> <b>116</b> (1878), 33	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1105
Lithiophorite	$(\text{Al,Li})(\text{Mn}^{4+}, \text{Mn}^{3+})\text{O}_2(\text{OH})_2$	G	1870	Germany	<i>Journal für Praktische Chemie</i> <b>110</b> (1870), 203	<i>American Mineralogist</i> <b>79</b> (1994), 370
Lithiophosphate	$\text{Li}_3(\text{PO}_4)$	G	1957	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>112</b> (1957), 124	<i>Journal of Solid State Chemistry</i> <b>115</b> (1995), 313
Lithiotantite	$\text{LiTa}_3\text{O}_8$	A	1982-022	Kazakhstan	<i>Mineralogiceskiy Zhurnal</i> <b>5(1)</b> (1983), 91	<i>Acta Crystallographica</i> <b>E68</b> (2012), i27
Lithiowodginite	$\text{LiTa}_3\text{O}_8$	A	1988-011	Kazakhstan	<i>Mineralogiceskiy Zhurnal</i> <b>12(1)</b> (1990), 94	<i>Canadian Mineralogist</i> <b>30</b> (1992), 597
Lithosite	$\text{K}_3\text{Al}_2\text{Si}_4\text{O}_{12}(\text{OH})$	A	1982-049	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 218	<i>Soviet Physics Doklady</i> <b>31</b> (1986), 941
Litidionite	$\text{KNaCuSi}_4\text{O}_{10}$	Rn	2014 s.p.	Italy	<i>Atti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>19</b> (1880), 175	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 387
Litochlebite	$\text{Ag}_2\text{PbBi}_4\text{Se}_8$	A	2009-036	Czech Republic	<i>Canadian Mineralogist</i> <b>49</b> (2011), 639	
Litvinskite	$\text{Na}_3\text{ZrSi}_6\text{O}_{13}(\text{OH})_5$	A	1999-017	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(1)</b> (2000), 45	<i>Crystallography Reports</i> <b>46</b> (2001), 190
Liveingite	$\text{Pb}_{20}\text{As}_{24}\text{S}_{56}$	G	1901	Switzerland	<i>Cambridge Philosophical Society, Proceedings</i> <b>11</b> (1901), 239	<i>Zeitschrift für Kristallographie</i> <b>131</b> (1970), 356
Liversidgeite	$\text{Zn}_6(\text{PO}_4)_4 \cdot 7\text{H}_2\text{O}$	A	2008-048	Australia	<i>American Mineralogist</i> <b>95</b> (2010), 397	
Livingstonite	$\text{HgSb}_4\text{S}_6(\text{S})_2$	G	1874	Mexico	<i>American Journal of Science and Arts</i> <b>108</b> (1874), 145	<i>Zeitschrift für Kristallographie</i> <b>141</b> (1975), 174
Lizardite	$\text{Mg}_3\text{Si}_2\text{O}_5(\text{OH})_4$	G	1956	United Kingdom	<i>Mineralogical Magazine</i> <b>31</b> (1956), 107	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1045
Lobanovite	$\text{K}_2\text{Na}(\text{Fe}^{2+}_4\text{Mg}_2\text{Na})\text{Ti}_2(\text{Si}_4\text{O}_{12})_2\text{O}_2(\text{OH})_4$	A	2015 s.p.	Russia	<i>Mineralogical Magazine</i> <b>81</b> (2017), 175	
Lokkaite-(Y)	$\text{CaY}_4(\text{CO}_3)_7 \cdot 9\text{H}_2\text{O}$	A	1969-045	Finland	<i>Bulletin of the Geological Society of Finland</i> <b>43</b> (1971), 67	
Löllingite	$\text{FeAs}_2$	G	1845	Austria	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 169
Lombardoite	$\text{Ba}_2\text{Mn}^{3+}(\text{AsO}_4)_2(\text{OH})$	A	2016-058	Italy	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Lomonosovite	$\text{Na}_6\text{Na}_2\text{Ti}_2\text{Na}_2\text{Ti}_2(\text{Si}_2\text{O}_7)_2(\text{PO}_4)_2\text{O}_4$	Rd	1967 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>70</b> (1950), 83	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1207

Londonite	$\text{CsBe}_4\text{Al}_4(\text{B}_{11}\text{Be})\text{O}_{28}$	A	1999-014	Madagascar	<i>Canadian Mineralogist</i> <b>39</b> (2001), 747	<i>Canadian Mineralogist</i> <b>48</b> (2010), 241
Loncreekite	$(\text{NH}_4)\text{Fe}^{3+}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	A	1982-063	South Africa	<i>Annals of the Geological Survey of South Africa</i> <b>17</b> (1983), 29	
Lonsdaleite	C	A	1966-044	USA	<i>Nature</i> <b>214</b> (1967), 587	<i>Journal of Chemical Physics</i> <b>46</b> (1967), 3437
Loparite-(Ce)	$(\text{Na,Ce,Sr})(\text{Ce,Th})(\text{Ti,Nb})_2\text{O}_6$	A	1987 s.p.	Russia	<i>Transactions of the Northern Scientific and Economic Expedition</i> <b>16</b> (1923), 16	<i>Canadian Mineralogist</i> <b>38</b> (2000), 145
Lopatkaite	$\text{Pb}_5\text{Sb}_3\text{AsS}_{11}$	A	2012-083	Canada	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Lópezite	$\text{K}_2\text{Cr}_2\text{O}_7$	Rn	2007 s.p.	Chile	<i>American Mineralogist</i> <b>22</b> (1937), 929	<i>Acta Crystallographica</i> <b>C56</b> (2000), 629
Lorándite	$\text{TiAsS}_2$	Rn	2007 s.p.	Macedonia	<i>Mathematikai és Természet-tudományi Értésítő</i> <b>12</b> (1894), 473	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>168</b> (1995), 213
Loranskite-(Y)	$(\text{Y,Ce,Ca})(\text{Zr,Ta})_2\text{O}_6$ (?)	A	1987 s.p.	Russia	<i>Zeitschrift für Kristallographie</i> <b>31</b> (1899), 505	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>250</b> (1960), 3032
Lorenzenite	$\text{Na}_2\text{Ti}_2\text{O}_3(\text{Si}_2\text{O}_6)$	G	1901	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 9	<i>American Mineralogist</i> <b>72</b> (1987), 173
Loseyite	$\text{Mn}^{2+}_4\text{Zn}_3(\text{CO}_3)_2(\text{OH})_{10}$	G	1929	USA	<i>American Mineralogist</i> <b>14</b> (1929), 150	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1323
Lotharmeyerite	$\text{CaZn}_2(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	Rd	1982-060	Mexico	<i>Mineralogical Record</i> <b>14</b> (1983), 35	<i>Acta Crystallographica</i> <b>E68</b> (2012), i9
Loudounite	$\text{NaCa}_5\text{Zr}_4\text{Si}_{16}\text{O}_{40}(\text{OH})_{11} \cdot 8\text{H}_2\text{O}$	A	1982-013	USA	<i>Canadian Mineralogist</i> <b>21</b> (1983), 37	
Loughlinite	$\text{Na}_2\text{Mg}_3\text{Si}_6\text{O}_{16} \cdot 8\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>45</b> (1960), 270	<i>Fortschritte der Mineralogie</i> <b>40</b> (1962), 50
Lourenswalsite	$(\text{K,Ba})_2\text{Ti}_4(\text{Si,Al})_6\text{O}_{14}(\text{OH})_{12}$	A	1987-005	USA	<i>Mineralogical Magazine</i> <b>51</b> (1987), 417	
Lovdarite	$\text{K}_2\text{Na}_6\text{Be}_4\text{Si}_{14}\text{O}_{36} \cdot 9\text{H}_2\text{O}$	A	1972-009	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>213</b> (1973), 429	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 809
Loveringite	$(\text{Ca,Ce,La})(\text{Zr,Fe})(\text{Mg,Fe})_2(\text{Ti,Fe,Cr,Al})_{18}\text{O}_{38}$	A	1977-023	Australia	<i>American Mineralogist</i> <b>63</b> (1978), 28	<i>Canadian Mineralogist</i> <b>17</b> (1979), 635
Lovozerite	$\text{Na}_3\text{CaZrSi}_6\text{O}_{15}(\text{OH})_3$	G	1939	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>25</b> (1939), 753	<i>Crystallography Reports</i> <b>46</b> (2001), 937
Löweite	$\text{Na}_{12}\text{Mg}_7(\text{SO}_4)_{13} \cdot 15\text{H}_2\text{O}$	G	1847	Austria	<i>Abhandlungen der Böhmisches Gesellschaft der Wissenschaften</i> <b>4</b> (1847), 663	<i>American Mineralogist</i> <b>55</b> (1970), 378
Luanheite	$\text{Ag}_3\text{Hg}$	A	1983-083	China	<i>Acta Mineralogica Sinica</i> <b>4</b> (1984), 97	
Luanshiweiite	$\text{KLiAl}_{1.5}(\text{Si}_{3.5}\text{Al}_{0.5})\text{O}_{10}(\text{OH})_2$	A	2011-102	China	<i>Acta Mineralogica Sinica</i> <b>33</b> (2013), 713	
Luberoite	$\text{Pt}_5\text{Se}_4$	A	1990-047	Democratic Republic of the Congo	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 683	<i>Journal of the Less Common Metals</i> <b>55</b> (1977), 185
Lucabindiite	$(\text{K,NH}_4)\text{As}_4\text{O}_6(\text{Cl,Br})$	A	2011-010	Italy	<i>American Mineralogist</i> <b>98</b> (2013), 470	
Lucasite-(Ce)	$\text{CeTi}_2\text{O}_5(\text{OH})$	A	1986-020	Australia	<i>American Mineralogist</i> <b>72</b> (1987), 1006	
Lucchesiite	$\text{CaFe}^{2+}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	A	2015-043	Sri Lanka / Czech Republic	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1	<i>Canadian Mineralogist</i> <b>52</b> (2014), 285
Luddenite	$\text{Cu}_2\text{Pb}_2\text{Si}_5\text{O}_{14} \cdot 14\text{H}_2\text{O}$	A	1981-032	USA	<i>Mineralogical Magazine</i> <b>46</b> (1982), 363	
Ludjibaite	$\text{Cu}_5(\text{PO}_4)_2(\text{OH})_4$	A	1987-009	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>111</b> (1988), 167	<i>American Mineralogist</i> <b>66</b> (1981), 169
Ludlamite	$\text{Fe}^{2+}_3(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	G	1885	United Kingdom	<i>Mineralogical Magazine</i> <b>6</b> (1885), 23	<i>Journal of Chemical Physics</i> <b>44</b> (1966), 2223
Ludlockite	$\text{PbFe}^{3+}_4\text{As}^{3+}_{10}\text{O}_{22}$	A	1969-046	Namibia	<i>Mineralogical Society of Japan Special Paper</i> <b>1</b> (1970), 264	<i>Canadian Mineralogist</i> <b>34</b> (1996), 79



Ludwigite	$Mg_2Fe^{3+}O_2(BO_3)$	G	1874	Romania	<i>Mineralogische Mittheilungen</i> (1874), 59	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1343
Lueshite	$NaNbO_3$	A	1962 s.p.	Democratic Republic of the Congo	<i>Académie Royal des Sciences d'Outre-Mer, Bulletin des Séances</i> <b>5</b> (1959), 1251	<i>Journal of the American Chemical Society</i> <b>132</b> (2010), 8732
Luetheite	$Cu_2Al_2(AsO_4)_2(OH)_4 \cdot H_2O$	A	1976-011	USA	<i>Mineralogical Magazine</i> <b>41</b> (1977), 27	<i>Mineralogical Magazine</i> <b>64</b> (2000), 25
Luinaite-(OH)	$(Na, \square)(Fe^{2+}, Mg)_3Al_6(BO_3)_3Si_6O_{18}(OH)_4$	A	2009-046	Australia	nyp	<i>Norsk Bergverksmuseet Skrift</i> <b>50</b> (2013), 23-41
Lukechangite-(Ce)	$Na_3Ce_2(CO_3)_4F$	A	1996-033	Canada	<i>American Mineralogist</i> <b>82</b> (1997), 1255	
Lukkulaisvaaraite	$Pd_{14}Ag_2Te_9$	A	2013-115	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1743	
Lukrahnite	$CaCuFe^{3+}(AsO_4)_2(OH, H_2O)_2$	A	1999-030	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 481	
Lulzacite	$Sr_2Fe^{2+}_3Al_4(PO_4)_4(OH)_{10}$	A	1998-039	France	<i>Comptes Rendus de l'Académie des Sciences, Sér. Ila</i> <b>330</b> (2000), 317	<i>Comptes Rendus de l'Académie des Sciences, Série IIC</i> <b>3</b> (2000), 301
Lüneburgite	$Mg_3[B_2(OH)_6(PO_4)_2] \cdot 6H_2O$	G	1870	Germany	<i>Sitzungsberichte der Königlich Bayerische Akademie der Wissenschaften zu München</i> <b>1</b> (1870), 291	<i>American Mineralogist</i> <b>76</b> (1991), 1400
Lunijianlaite	$Li_{0.7}Al_{6.2}(Si_7Al)O_{20}(OH, O)_{10}$	A	1989-056	China	<i>Acta Mineralogica Sinica</i> <b>10</b> (1990), 289	<i>Acta Mineralogica Sinica</i> <b>12</b> (1992), 7
Lun'okite	$MgMn^{2+}Al(PO_4)_2(OH) \cdot 4H_2O$	A	1982-058	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 232	
Luobusaite	$Fe_{0.84}Si_2$	A	2005-052a	China	<i>Acta Geologica Sinica</i> <b>80</b> (2007), 1487	
Luogufengite	$Fe_2O_3$	A	2016-005	USA	<i>American Mineralogist</i> <b>102</b> (2017), 711	
Lusernaite-(Y)	$Y_4Al(CO_3)_2(OH, F)_{11} \cdot 6H_2O$	A	2011-108	Italy	<i>American Mineralogist</i> <b>98</b> (2013), 1315	
Luzonite	$Cu_3AsS_4$	G	1874	Philippines	<i>Mineralogische Mittheilungen</i> (1874), 257	<i>Zeitschrift für Kristallographie</i> <b>124</b> (1967), 1
Lyonsite	$Cu^{2+}_3Fe^{3+}_4(VO_4)_6$	A	1986-041	El Salvador	<i>American Mineralogist</i> <b>72</b> (1987), 1000	
Macaulayite	$Fe^{3+}_{24}Si_4O_{43}(OH)_2$	A	1981-062	United Kingdom	<i>Mineralogical Magazine</i> <b>48</b> (1984), 127	
Macdonaldite	$BaCa_4Si_{16}O_{36}(OH)_2 \cdot 10H_2O$	A	1964-010	USA	<i>American Mineralogist</i> <b>50</b> (1965), 314	<i>Atti della Accademia Nazionale dei Lincei, Serie 8</i> <b>45</b> (1968), 399
Macedonite	$PbTiO_3$	A	1970-010	Macedonia	<i>American Mineralogist</i> <b>56</b> (1971), 378	<i>Acta Crystallographica</i> <b>B34</b> (1978), 1065
Macfallite	$Ca_2Mn^{3+}_3(SiO_4)(Si_2O_7)(OH)_3$	A	1974-057	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 325	<i>American Mineralogist</i> <b>93</b> (2008), 1851
Machatschkiite	$Ca_6(AsO_4)(AsO_3OH)_3(PO_4) \cdot 15H_2O$	A	1976-010	Germany	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>24</b> (1977), 125	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>30</b> (1982), 145
Machiite	$Al_2Ti_3O_9$	A	2016-067	Australia	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Mackayite	$Fe^{3+}Te^{4+}_2O_5(OH)$	G	1944	USA	<i>American Mineralogist</i> <b>29</b> (1944), 211	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 145
Mackinawite	$(Fe, Ni)_{1+x}S$ ( $x = 0-0.07$ )	A	1967 s.p.	USA	<i>U.S. Geological Survey Professional Paper</i> <b>475-D</b> (1964), 64	<i>Mineralogical Magazine</i> <b>59</b> (1995), 677
Macphersonite	$Pb_4(SO_4)(CO_3)_2(OH)_2$	A	1982-105	United Kingdom	<i>Mineralogical Magazine</i> <b>48</b> (1984), 227	<i>Mineralogical Magazine</i> <b>62</b> (1998), 451
Macquartite	$Cu_2Pb_7(CrO_4)_4(SiO_4)_2(OH)_2$	A	1979-037	USA	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 530	
Madocite	$Pb_{19}(Sb, As)_{16}S_{43}$	A	1966-015	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 7	<i>Mineralogical Record</i> <b>13</b> (1982), 93
Magadiite	$Na_2Si_{14}O_{29} \cdot 11H_2O$	A	1967-017	Kenya	<i>Science</i> <b>157</b> (1967), 1177	<i>Clays and Clay Minerals</i> <b>36</b> (1988), 409
Magbasite	$KBaFe^{3+}Mg_7Si_8O_{22}(OH)_2F_6$	A	1968 s.p.	China	<i>Doklady Akademii Nauk SSSR</i> <b>163</b> (1965), 718	<i>Mineralogical Magazine</i> <b>78</b> (2014), 29



Maghagendorfite	$(\text{Na}, \square)\text{MgMn}^{2+}(\text{Fe}^{2+}, \text{Fe}^{3+})_2(\text{PO}_4)_3$	A	1979 s.p.	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 227	
Maghemite	$\text{Fe}_2\text{O}_3$	G	1927	South Africa	<i>Economic Geology</i> <b>22</b> (1927), 845	<i>Physics and Chemistry of Minerals</i> <b>22</b> (1995), 21
Maghrebite	$\text{MgAl}_2(\text{AsO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	2005-044	Morocco	<i>Lapis</i> <b>31</b> (2006), 69	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 717
Magnesio-arfvedsonite	$\text{NaNa}_2(\text{Mg}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}(\text{OH})_2$	A	2013-137	Myanmar	<i>Mineralogical Magazine</i> <b>79</b> (2015), 253	
Magnesioaubertite	$\text{MgAl}(\text{SO}_4)_2\text{Cl} \cdot 14\text{H}_2\text{O}$	A	1982-015	Italy	<i>Aufschluss</i> <b>39</b> (1988), 97	
Magnesiobeltrandoite-2N3S	$(\text{Mg}_6\text{Al}_2)(\text{Al}_{18}\text{Fe}^{3+}_2)\text{O}_{38}(\text{OH})_2$	A	2016-073	Italy	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Magnesiocanutite	$\text{NaMnMg}_2[\text{AsO}_4]_2[\text{AsO}_2(\text{OH})_2]$	A	2016-057	Chile	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Magnesiocarpholite	$\text{MgAl}_2\text{Si}_2\text{O}_6(\text{OH})_4$	A	1978-027	France	<i>American Journal of Science</i> <b>283-A</b> (1983), 72	<i>American Mineralogist</i> <b>66</b> (1981), 1080
Magnesiochloritoid	$\text{MgAl}_2\text{O}(\text{SiO}_4)(\text{OH})_2$	Rn	1987 s.p.	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>43</b> (1963), 269	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 67
Magnesiochlorophoenicite	$\text{Mg}_3\text{Zn}_2(\text{AsO}_4)(\text{OH}, \text{O})_6$	Rd	1981 s.p.	USA	<i>U.S. Geological Survey Professional Paper</i> <b>180</b> (1935), 124	<i>Canadian Mineralogist</i> <b>19</b> (1981), 333
Magnesiochromite	$\text{MgCr}_2\text{O}_4$	G	1873	Germany	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>25</b> (1873), 394	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1305
Magnesiocopiapite	$\text{MgFe}^{3+}_4(\text{SO}_4)_6(\text{OH})_2 \cdot 20\text{H}_2\text{O}$	G	1938	USA	<i>American Mineralogist</i> <b>23/2</b> (1938), 3	<i>Mineralogical Magazine</i> <b>71</b> (2007), 553
Magnesiocoulsonite	$\text{MgV}_2\text{O}_4$	A	1994-034	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(4)</b> (1995), 91	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>500</b> (1983), 188
Magnesiodumortierite	$\text{MgAl}_6\text{BSi}_3\text{O}_{17}(\text{OH})$	Rd	1992-050	Italy	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 167	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 525
Magnesio-ferri-fluoro-hornblende	$\square\text{Ca}_2(\text{Mg}_4\text{Fe}^{3+})(\text{Si}_7\text{Al})\text{O}_{22}\text{F}_2$	A	2014-091	Italy	<i>Mineralogical Magazine</i> <b>80</b> (2016), 269	
Magnesioferrite	$\text{MgFe}^{3+}_2\text{O}_4$	G	1859	Italy	<i>Annalen der Physik und Chemie</i> <b>107</b> (1859), 451	<i>American Mineralogist</i> <b>90</b> (2005), 219
Magnesio-fluoro-arfvedsonite	$\text{NaNa}_2(\text{Mg}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(6)</b> (2000), 28	
Magnesio-fluoro-hastingsite	$\text{NaCa}_2(\text{Mg}_4\text{Fe}^{3+})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Romania	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 503	
Magnesio-foitite	$\square(\text{Mg}_2\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	Rd	1998-037	Japan	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1439	<i>Canadian Mineralogist</i> <b>44</b> (2006), 959
Magnesio-hastingsite	$\text{NaCa}_2(\text{Mg}_4\text{Fe}^{3+})(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Canada	<i>American Mineralogist</i> <b>13</b> (1928), 287	<i>Zeitschrift für Kristallographie</i> <b>156</b> (1981), 197
Magnesiohatertite	$(\text{Na}, \text{Ca})_2\text{Ca}(\text{Mg}, \text{Fe}^{3+})_2(\text{AsO}_4)_3$	A	2016-078	Russia	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Magnesiohögbomite-2N2S	$(\text{Mg}, \text{Fe}, \text{Al}, \text{Ti})_{22}(\text{O}, \text{OH})_{32}$	Rn	2001 s.p.	Sweden	<i>Bulletin of the Geological Institution of the University of Upsala</i> <b>15</b> (1917), 289	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 389
Magnesiohögbomite-2N3S	$(\text{Mg}, \text{Fe}, \text{Zn}, \text{Ti})_4(\text{Al}, \text{Fe})_{10}\text{O}_{19}(\text{OH})$	Rn	2001 s.p.	Tanzania	<i>Mineralogical Magazine</i> <b>33</b> (1963), 563	<i>American Mineralogist</i> <b>87</b> (2002), 277
Magnesiohögbomite-2N4S	$[(\text{Mg}_{8.43}\text{Fe}^{2+}_{1.57})_{\Sigma=10}\text{Al}_{22}\text{Ti}^{4+}_2\text{O}_{46}(\text{OH})_2]$	A	2010-084	Antarctica	<i>American Mineralogist</i> <b>97</b> (2012), 268	
Magnesiohögbomite-6N6S	$(\text{Mg}, \text{Al}, \text{Fe})_3(\text{Al}, \text{Ti})_8\text{O}_{15}(\text{OH})$	Rn	2001 s.p.	Tanzania	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 401	<i>American Mineralogist</i> <b>87</b> (2002), 277

Magnesiohornblende	$\square\text{Ca}_2(\text{Mg}_4\text{Al})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	A	2017-059	Namibia	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Magnesiohulsite	$\text{Mg}_2\text{Fe}^{3+}\text{O}_2(\text{BO}_3)$	A	1983-074	China	<i>Acta Mineralogica Sinica</i> <b>5</b> (1985), 97	<i>Acta Petrologica et Mineralogica</i> <b>10</b> (1991), 339
Magnesiokoritnigite	$\text{Mg}(\text{AsO}_3\text{OH})\cdot\text{H}_2\text{O}$	A	2013-049	Chile	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3081	
Magnesioleydetite	$\text{Mg}(\text{UO}_2)(\text{SO}_4)_2\cdot 11\text{H}_2\text{O}$	A	2017-063	USA	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Magnesioneptunite	$\text{KNa}_2\text{Li}(\text{Mg},\text{Fe})_2\text{Ti}_2\text{Si}_8\text{O}_{24}$	A	2009-009	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140(1)</b> (2011), 47	
Magnesionigerite-2N1S	$(\text{Mg},\text{Al},\text{Zn})_2(\text{Al},\text{Sn})_6\text{O}_{11}(\text{OH})$	Rn	2001 s.p.	China	<i>Earth Science - Journal of Wuhan College of Geology</i> <b>14</b> (1989), 413	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 389
Magnesionigerite-6N6S	$(\text{Mg},\text{Al},\text{Zn})_3(\text{Al},\text{Sn},\text{Fe})_6\text{O}_{15}(\text{OH})$	Rn	2001 s.p.	China	<i>Earth Science - Journal of Wuhan College of Geology</i> <b>14</b> (1989), 413	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 389
Magnesiopascoite	$\text{Ca}_2\text{MgV}^{5+}_{10}\text{O}_{28}\cdot 16\text{H}_2\text{O}$	A	2007-025	USA	<i>Canadian Mineralogist</i> <b>46</b> (2008), 679	
Magnesio-riebeckite	$\square\text{Na}_2(\text{Mg}_3\text{Fe}^{3+}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<i>Journal of the Geological Society of Japan</i> <b>63</b> (1957), 698	<i>Acta Crystallographica</i> <b>2</b> (1949), 312
Magnesorowlandite-(Y)	$\text{Y}_4(\text{Mg},\text{Fe})(\text{Si}_2\text{O}_7)_2\text{F}_2$	A	2012-010	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>109</b> (2014), 109	
Magnesiostaurolite	$\text{Mg}(\text{Mg},\text{Li})_3(\text{Al},\text{Mg})_{18}\text{Si}_8\text{O}_{44}(\text{OH})_4$	A	1992-035	Italy	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 167	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 453
Magnesiotaaffeite-2N'2S	$\text{Mg}_3\text{BeAl}_8\text{O}_{16}$	Rn	2001 s.p.	Sri Lanka	<i>Mineralogical Magazine</i> <b>29</b> (1951), 765	<i>Canadian Mineralogist</i> <b>50</b> (2012), 21
Magnesiotaaffeite-6N'3S	$\text{Mg}_2\text{BeAl}_6\text{O}_{12}$	Rn	2001 s.p.	Australia	<i>Mineralogical Magazine</i> <b>36</b> (1967), 305	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 393
Magnesiovesuvianite	$\text{Ca}_{19}\text{Mg}(\text{Al}_{10}\text{Mg}_2)\text{Si}_{18}\text{O}_{68}(\text{OH})_{10}$	A	2015-104	Macedonia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Magnesiovoltaite	$\text{K}_2\text{Mg}_5\text{Fe}^{3+}_3\text{Al}(\text{SO}_4)_{12}\cdot 18\text{H}_2\text{O}$	A	2015-095	Chile	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 1005	
Magnesiozippeite	$\text{Mg}(\text{UO}_2)_2(\text{SO}_4)\text{O}_2\cdot 3.5\text{H}_2\text{O}$	Rd	1971-007	USA	<i>Canadian Mineralogist</i> <b>14</b> (1976), 429	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 211
Magnesite	$\text{Mg}(\text{CO}_3)$	A	1962 s.p.	Italy	<i>Mineralogische Tabellen</i> , 2nd ed. Rottmann, Berlin (1808), 48	<i>Physics and Chemistry of Minerals</i> <b>24</b> (1997), 122
Magnetite	$\text{Fe}^{2+}\text{Fe}^{3+}_2\text{O}_4$	G	1845	?	<i>Handbuch der Bestimmenden Mineralogie</i> . Braumüller and Seidel, Wien (1845), 546	<i>Physics and Chemistry of Minerals</i> <b>34</b> (2007), 627
Magnetoplumbite	$\text{PbFe}^{3+}_{12}\text{O}_{19}$	G	1925	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>47</b> (1925), 283	<i>American Mineralogist</i> <b>74</b> (1989), 1186
Magnioursilite	$\text{Mg}_4(\text{UO}_2)_4(\text{Si}_2\text{O}_5)_5(\text{OH})_6\cdot 20\text{H}_2\text{O}$	G	1957	Tajikistan	<i>Atomnaya Energiya Voprosy Geologii Urana, Supplement</i> <b>6</b> (1957), 61	
Magnolite	$\text{Hg}^{1+}_2(\text{Te}^{4+}\text{O}_3)$	G	1877	USA	<i>American Philosophical Society</i> <b>17</b> (1877), 113	<i>Canadian Mineralogist</i> <b>27</b> (1989), 133
Magnussonite	$\text{Mn}^{2+}_{10}\text{As}^{3+}_6\text{O}_{18}(\text{OH},\text{Cl})_2$	Rd	1984 s.p.	Sweden	<i>Arkiv för Kemi, Mineralogi och Geologi</i> <b>2</b> (1957), 133	<i>American Mineralogist</i> <b>69</b> (1984), 800
Mahnertite	$(\text{Na},\text{Ca},\text{K})\text{Cu}_3(\text{AsO}_4)_2\text{Cl}\cdot 5\text{H}_2\text{O}$	A	1994-035	France	<i>Archives de Sciences de Genève</i> <b>49</b> (1996), 119	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 687
Maikainite	$\text{Cu}_{10}\text{Fe}_3\text{MoGe}_3\text{S}_{16}$	A	1992-038	Kazakhstan	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>393A</b> (2003), 1329	

Majakite	PdNiAs	A	1974-038	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 698	
Majindeite	Mg <sub>2</sub> Mo <sub>3</sub> O <sub>8</sub>	A	2012-079	Mexico (meteorite)	<i>American Mineralogist</i> <b>101</b> (2016), 1161	
Majorite	Mg <sub>3</sub> (MgSi)(SiO <sub>4</sub> ) <sub>3</sub>	A	1969-018	Australia	<i>Science</i> <b>168</b> (1970), 832	<i>American Mineralogist</i> <b>79</b> (1994), 581
Makarochkinite	Ca <sub>4</sub> [Fe <sup>2+</sup> <sub>8</sub> Fe <sup>3+</sup> <sub>2</sub> Ti <sub>2</sub> ]O <sub>4</sub> [Si <sub>8</sub> Be <sub>2</sub> Al <sub>2</sub> O <sub>36</sub> ]	A	2002-009a	Russia	<i>American Mineralogist</i> <b>90</b> (2005), 1402	<i>Kristallografiya</i> <b>35</b> (1990), 1388
Makatite	Na <sub>2</sub> Si <sub>4</sub> O <sub>8</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	A	1969-003	Kenya	<i>American Mineralogist</i> <b>55</b> (1970), 358	<i>Zeitschrift für Kristallographie</i> <b>159</b> (1982), 203
Mäkinenite	NiSe	A	1967 s.p.	Finland	<i>Comptes Rendus de la Société Géologique de Finlande</i> <b>36</b> (1964), 113	
Makovickyite	Cu <sub>1.12</sub> Ag <sub>0.81</sub> Pb <sub>0.27</sub> Bi <sub>5.35</sub> S <sub>9</sub>	A	1986-027	Austria / Romania	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>168</b> (1994), 147	<i>Canadian Mineralogist</i> <b>46</b> (2008), 515
Malachite	Cu <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>2</sub>	G	?	unknown	<i>Mineralogia, eller Mineralriktet</i> . Lars Salvius, Stockholm (1747), 279	<i>Zeitschrift für Kristallographie</i> <b>145</b> (1977), 412
Malanite	CuPt <sub>2</sub> S <sub>4</sub>	A	1995-003	China	<i>Acta Geologica Sinica</i> <b>70</b> (1996), 309	
Malayaite	CaSnO(SiO <sub>4</sub> )	A	1964-024	Malaysia	<i>Mineralogical Magazine</i> <b>35</b> (1965), 622	<i>American Mineralogist</i> <b>81</b> (1996), 595
Maldonite	Au <sub>2</sub> Bi	G	1869	Australia	<i>Neues Jahrbuch</i> <b>3</b> (1969), 287	<i>Zeitschrift für Kristallographie</i> <b>90</b> (1935), 322
Maleevite	BaB <sub>2</sub> Si <sub>2</sub> O <sub>8</sub>	A	2002-027	Tajikistan	<i>Canadian Mineralogist</i> <b>42</b> (2004), 107	
Malmoodite	Fe <sup>2+</sup> Zr(PO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	Rn	1992-001	USA	<i>American Mineralogist</i> <b>78</b> (1993), 437	<i>Mineralogical Magazine</i> <b>59</b> (1995), 166
Malinkoite	NaBSiO <sub>4</sub>	A	2000-009	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(6)</b> (2000), 35	<i>Canadian Mineralogist</i> <b>39</b> (2001), 159
Malladrite	Na <sub>2</sub> SiF <sub>6</sub>	G	1926	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Serie VI</i> <b>4</b> (1926), 171	
Mallardite	Mn(SO <sub>4</sub> )·7H <sub>2</sub> O	G	1879	USA	<i>Bulletin de la Société Française de Minéralogie</i> <b>2</b> (1879), 117	<i>Journal of the Japanese Association of Mineralogists Petrologists and Economic Geologists</i> <b>74</b> (1979), 406
Mallestigite	Pb <sub>3</sub> Sb(SO <sub>4</sub> )(AsO <sub>4</sub> )(OH) <sub>6</sub> ·3H <sub>2</sub> O	A	1996-043	Austria	<i>Mitteilungen der Österreichischen Mineralogischen Gesellschaft</i> <b>143</b> (1998), 225	
Malyshevite	PdCuBiS <sub>3</sub>	A	2006-012	Russia	<i>New Data on Minerals</i> <b>41</b> (2006), 14	
Mambertiite	BiMo <sup>5+</sup> <sub>2.8</sub> O <sub>8</sub> (OH)	A	2013-098	Italy	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 405	
Mammothite	Pb <sub>6</sub> Cu <sub>4</sub> AlSb <sup>5+</sup> O <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> Cl <sub>4</sub> (OH) <sub>16</sub>	A	1983-076a	USA	<i>Mineralogical Record</i> <b>16</b> (1985), 117	<i>Canadian Mineralogist</i> <b>52</b> (2014), 687
Manaksite	KNaMn <sup>2+</sup> Si <sub>4</sub> O <sub>10</sub>	A	1990-024	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(1)</b> (1992), 112	<i>Minerals as Advanced Materials I</i> . Springer, Berlin (2008), 153
Manandonite	Li <sub>2</sub> Al <sub>4</sub> (Si <sub>2</sub> AlB)O <sub>10</sub> (OH) <sub>8</sub>	G	1912	Madagascar	<i>Bulletin de la Société Française de Minéralogie</i> <b>35</b> (1912), 223	<i>American Mineralogist</i> <b>80</b> (1995), 387
Mandarinoite	Fe <sup>3+</sup> <sub>2</sub> (Se <sup>4+</sup> O <sub>3</sub> ) <sub>3</sub> ·6H <sub>2</sub> O	A	1977-049	Bolivia	<i>Canadian Mineralogist</i> <b>16</b> (1978), 605	<i>Canadian Mineralogist</i> <b>22</b> (1984), 475
Manekiite	(Na□)Ca <sub>2</sub> Fe <sup>2+</sup> <sub>2</sub> (Fe <sup>3+</sup> Mg)Mn <sub>2</sub> (PO <sub>4</sub> ) <sub>6</sub> ·2H <sub>2</sub> O	A	2015-056	Poland	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	
Manganarsite	Mn <sup>2+</sup> <sub>3</sub> As <sup>3+</sup> <sub>2</sub> O <sub>4</sub> (OH) <sub>4</sub>	A	1985-037	Sweden	<i>American Mineralogist</i> <b>71</b> (1986), 1517	
Manganbabingtonite	Ca <sub>2</sub> Mn <sup>2+</sup> Fe <sup>3+</sup> Si <sub>5</sub> O <sub>14</sub> (OH)	A	1971 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>169</b> (1966), 434	

Manganbelyankinite	$Mn^{2+}(Ti,Nb)_5O_{12} \cdot 9H_2O$	Q	1957	Russia	<i>Akademiya Nauk SSSR, Trudy Institut Mineralogii, Geokhimii i Kristalokhimii Redkikh Elementov</i> <b>1</b> (1957), 41	
Manganberzeliite	$(NaCa_2)Mn^{2+}_2(AsO_4)_3$	G	1894	Sweden	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>23</b> (1894), 590	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1081
Mangangordonite	$Mn^{2+}Al_2(PO_4)_2(OH)_2 \cdot 8H_2O$	A	1989-023	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 169	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 265
Manganhumite	$Mn^{2+}_7(SiO_4)_3(OH)_2$	A	1969-021	Sweden	<i>Mineralogical Magazine</i> <b>42</b> (1978), 133	<i>American Mineralogist</i> <b>63</b> (1978), 874
Manganiakasakaite-(La)	$CaLaMn^{3+}AlMn^{2+}(Si_2O_7)(SiO_4)O(OH)$	A	2017-028	Italy	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Manganiandrosite-(Ce)	$MnCe(Mn^{3+}AlMn^{2+})[Si_2O_7][SiO_4]O(OH)$	A	2002-049	Italy	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 569	
Manganiandrosite-(La)	$MnLa(Mn^{3+}AlMn^{2+})[Si_2O_7][SiO_4]O(OH)$	Rn	1994-048	Greece	<i>American Mineralogist</i> <b>81</b> (1996), 735	
Manganiceladonite	$KMgMn^{3+}Si_4O_{10}(OH)_2$	A	2015-052	Italy	<i>Mineralogical Magazine</i> <b>81</b> (2017), 167	
Mangani-dellaventuraite	$NaNa_2(MgMn^{3+}_2Ti^{4+}Li)Si_8O_{22}O_2$	Rd	2012 s.p.	India	<i>American Mineralogist</i> <b>90</b> (2005), 304	
Manganilvaite	$CaFe^{2+}Fe^{3+}Mn^{2+}(Si_2O_7)O(OH)$	A	2002-016	Bulgaria	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1027	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1043
Mangani-obertiite	$NaNa_2(Mg_3Mn^{3+}Ti^{4+})Si_8O_{22}O_2$	Rd	2012 s.p.	Germany	<i>American Mineralogist</i> <b>85</b> (2000), 236	CNMNC Newsletter 22 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 1241
Manganite	$Mn^{3+}O(OH)$	G	1826	Germany	<i>Edinburgh Journal of Science</i> <b>4</b> (1826), 41	<i>Journal of Solid State Chemistry</i> <b>133</b> (1997), 486
Manganiotharmeyerite	$CaMn^{3+}_2(AsO_4)_2(OH)_2$	A	2001-026	Switzerland	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1597	
Manganoblöditite	$Na_2Mn(SO_4)_2 \cdot 4H_2O$	A	2012-029	USA	<i>Mineralogical Magazine</i> <b>77</b> (2013), 367	
Manganochromite	$Mn^{2+}Cr_2O_4$	A	1975-020	Australia	<i>American Mineralogist</i> <b>63</b> (1978), 1166	<i>Journal of Applied Physics</i> <b>37</b> (1966), 1436
Manganoeudialyte	$Na_{14}Ca_6Mn_3Zr_3[Si_{26}O_{72}(OH)_2](H_2O,Cl,O,OH)_6$	A	2009-039	Brazil	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 35	
Mangano-ferri-eckermannite	$NaNa_2(Mn^{2+}_4Fe^{3+})Si_8O_{22}(OH)_2$	Rd	2012 s.p.	Japan	<i>Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists</i> <b>62</b> (1969), 311	<i>Acta Crystallographica</i> <b>E66</b> (2010), i83
Manganohörsesite	$Mn^{2+}_3(AsO_4)_2 \cdot 8H_2O$	Rn	2007 s.p.	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>1</b> (1951), 333	
Manganokaskasite	$(Mo,Nb)S_2 \cdot (Mn_{1-x}Al_x)(OH)_{2+x}$	A	2013-026	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 663	
Manganokhomyakovite	$Na_{12}Sr_3Ca_6Mn_3Zr_3W(Si_{25}O_{73})(O,OH,H_2O)_3(Cl,OH)_2$	A	1998-043	Canada	<i>Canadian Mineralogist</i> <b>37</b> (1999), 993	
Manganokukisvumite	$Na_6MnTi_4Si_8O_{28} \cdot 4H_2O$	A	2002-029	Canada	<i>Canadian Mineralogist</i> <b>42</b> (2004), 781	
Manganolangbeinite	$K_2Mn^{2+}_2(SO_4)_3$	G	1924	Italy	<i>Rendiconti dell'Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>30</b> (1924), 123	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Classe di Scienze Fisiche, Matematiche e Naturali, Serie VIII</i> <b>2</b> (1947), 451
Mangano-mangani-ungarettiite	$NaNa_2(Mn^{2+}_2Mn^{3+}_3)Si_8O_{22}O_2$	Rd	2012 s.p.	Australia	<i>American Mineralogist</i> <b>80</b> (1995), 165	
Manganonaujakasite	$Na_6Mn^{2+}Al_4Si_8O_{26}$	A	1999-031	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(4)</b> (2000), 48	
Manganoneptunite	$KNa_2LiMn^{2+}_2Ti_2Si_8O_{24}$	Rn	2007 s.p.	Russia	<i>Transactions of the Northern Scientific and Economic Expedition</i> <b>16</b> (1923), 16	<i>Geology of Ore Deposits</i> <b>49</b> (2007), 835

Manganonordite-(Ce)	$\text{Na}_3\text{SrCeMn}^{2+}\text{Si}_6\text{O}_{17}$	A	1997-007	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(1)</b> (1998), 32	<i>Crystallography Reports</i> <b>44</b> (1999), 565
Manganocubite	$\text{AgMnAsS}_3$	A	2011-008	Peru	<i>American Mineralogist</i> <b>97</b> (2012), 1199	
Manganosegelerite	$\text{Mn}^{2+}_2\text{Fe}^{3+}(\text{PO}_4)_2(\text{OH})\cdot 4\text{H}_2\text{O}$	A	1984-055	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(2)</b> (1992), 95	
Manganosite	$\text{MnO}$	G	1874	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>2</b> (1874), 179	<i>Journal of Solid State Chemistry</i> <b>58</b> (1985), 56
Manganostibite	$\text{Mn}^{2+}_7\text{Sb}^{5+}\text{As}^{5+}\text{O}_{12}$	G	1874	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>7</b> (1884), 210	<i>American Mineralogist</i> <b>55</b> (1970), 1489
Manganotychite	$\text{Na}_6\text{Mn}^{2+}_2(\text{CO}_3)_4(\text{SO}_4)$	A	1989-039	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(5)</b> (1990), 46	
Manganvesuvianite	$\text{Ca}_{19}\text{Mn}^{3+}\text{Al}_{10}\text{Mg}_2(\text{SiO}_4)_{10}(\text{Si}_2\text{O}_7)_4\text{O}(\text{OH})_9$	A	2000-040	South Africa	<i>Mineralogical Magazine</i> <b>66</b> (2002), 137	
Mangazite	$\text{Al}_2(\text{SO}_4)(\text{OH})_4\cdot 3\text{H}_2\text{O}$	A	2005-021a	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(4)</b> (2006), 20	
Manitobaite	$\text{Na}_{16}\text{Mn}^{2+}_{25}\text{Al}_8(\text{PO}_4)_{30}$	A	2008-064	Canada	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1455	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1221
Manjiroite	$\text{Na}(\text{Mn}^{4+}_7\text{Mn}^{3+})\text{O}_{16}$	A	1966-009	Japan	<i>Journal of the Japanese Association of Mineralogists, Petrologists, and Economic Geologists</i> <b>58</b> (1967), 39	
Mannardite	$\text{Ba}(\text{Ti}_6\text{V}^{3+}_2)\text{O}_{16}$	A	1983-013	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 55	<i>Canadian Mineralogist</i> <b>24</b> (1986), 67
Mansfieldite	$\text{Al}(\text{AsO}_4)\cdot 2\text{H}_2\text{O}$	G	1948	USA	<i>American Mineralogist</i> <b>33</b> (1948), 122	<i>Acta Crystallographica</i> <b>E65</b> (2009), i6
Mantienneite	$\text{KMg}_2\text{Al}_2\text{Ti}(\text{PO}_4)_4(\text{OH})_3\cdot 15\text{H}_2\text{O}$	A	1983-048	Cameroon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>107</b> (1984), 737	
Maohokite	$\text{MgFe}_2\text{O}_4$	A	2017-047	China	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Maoniupingite-(Ce)	$(\text{Ce}, \text{Ca})_4(\text{Fe}^{3+}, \text{Ti}, \text{Fe}^{2+}, \square)(\text{Ti}, \text{Fe}^{3+}, \text{Fe}^{2+}, \text{Nb})_4\text{Si}_4\text{O}_{22}$	A	2003-017	China	<i>Chenji Yu Tetisi Dizhi</i> <b>25</b> (2005), 210	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 969
Mapimite	$\text{Zn}_2\text{Fe}^{3+}_3(\text{AsO}_4)_3(\text{OH})_4\cdot 10\text{H}_2\text{O}$	A	1978-070	Mexico	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 582	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1040
Mapiquiroite	$(\text{Sr}, \text{Pb})(\text{U}, \text{Y})\text{Fe}_2(\text{Ti}, \text{Fe}^{3+})_{18}\text{O}_{38}$	A	2013-010	Italy	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 427	
Marathonite	$\text{Pd}_{25}\text{Ge}_9$	A	2016-080	Canada	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Marcasite	$\text{FeS}_2$	G	1845	unknown	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Physics and Chemistry of Minerals</i> <b>7</b> (1981), 177
Marcobaldiite	$\text{Pb}_{12}(\text{Sb}_3\text{As}_2\text{Bi})_{26}\text{S}_{21}$	A	2015-109	Italy	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Marécottite	$\text{Mg}_3\text{O}_6(\text{UO}_2)_8(\text{SO}_4)_4(\text{OH})_2\cdot 28\text{H}_2\text{O}$	A	2001-056	Switzerland	<i>American Mineralogist</i> <b>88</b> (2003), 676	<i>Mineralogical Magazine</i> <b>79</b> (2015), 649
Margaritasite	$\text{Cs}_2(\text{UO}_2)_2(\text{VO}_4)_2\cdot \text{H}_2\text{O}$	A	1980-093	Mexico	<i>American Mineralogist</i> <b>67</b> (1982), 1273	
Margarite	$\text{CaAl}_2\text{Si}_2\text{Al}_2\text{O}_{10}(\text{OH})_2$	A	1998 s.p.	Austria	Oryctographie der Gefürsteten Grafschaft Tirols. Wagner, Innsbruck (1821), 32	<i>American Mineralogist</i> <b>60</b> (1975), 1023
Margarosanite	$\text{Ca}_2\text{PbSi}_3\text{O}_9$	G	1916	USA	<i>American Journal of Science</i> <b>42</b> (1916), 159	<i>Journal of Mineralogy and Geochemistry</i> <b>193</b> (2016), 205

Marialite	$\text{Na}_4\text{Al}_3\text{Si}_9\text{O}_{24}\text{Cl}$	G	1866	Italy	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>18</b> (1866), 634	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1527
Marianoite	$\text{Na}_2\text{Ca}_4(\text{Nb,Zr})_2(\text{Si}_2\text{O}_7)_2(\text{O,F})_4$	A	2005-005a	Canada	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1023	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1275
Maričite	$\text{NaFe}^{2+}(\text{PO}_4)$	A	1976-024	Canada	<i>Canadian Mineralogist</i> <b>15</b> (1977), 396	<i>Canadian Mineralogist</i> <b>15</b> (1977), 518
Maricopaite	$\text{Ca}_2\text{Pb}_7(\text{Si}_{36}\text{Al}_{12})\text{O}_{99} \cdot n(\text{H}_2\text{O,OH})$	A	1985-036	USA	<i>Canadian Mineralogist</i> <b>26</b> (1988), 309	<i>American Mineralogist</i> <b>79</b> (1994), 175
Mariinskite	$\text{BeCr}_2\text{O}_4$	A	2011-057	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(6)</b> (2012), 43	<i>Crystallography Reports</i> <b>59</b> (2014), 30
Marinaite	$\text{Cu}_2\text{Fe}^{3+}\text{O}_2(\text{BO}_3)$	A	2016-021	Russia	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Marinellite	$\text{Na}_{42}\text{Ca}_6\text{Al}_{36}\text{Si}_{36}\text{O}_{144}(\text{SO}_4)_8\text{Cl}_2 \cdot 6\text{H}_2\text{O}$	A	2002-021	Italy	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1019	
Markascherite	$\text{Cu}_3(\text{MoO}_4)(\text{OH})_4$	A	2010-051	USA	<i>American Mineralogist</i> <b>97</b> (2012), 197	
Markcooperite	$\text{Pb}_2(\text{UO}_2)\text{TeO}_6$	A	2009-045	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1554	<i>Zeitschrift für Kristallographie</i> <b>125</b> (1967), 459
Markeyite	$\text{Ca}_9(\text{UO}_2)_4(\text{CO}_3)_{13} \cdot 28\text{H}_2\text{O}$	A	2016-090	USA	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779
Markhininite	$\text{TlBi}(\text{SO}_4)_2$	A	2012-040	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1687	
Marklite	$\text{Cu}_5(\text{CO}_3)_2(\text{OH})_6 \cdot 6\text{H}_2\text{O}$	A	2015-101	Germany	CNMNC Newsletter 29 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 199	
Marokite	$\text{CaMn}^{3+}_2\text{O}_4$	A	1963-005	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>86</b> (1963), 359	<i>Journal of Alloys and Compounds</i> <b>353</b> (2003), 5
Marrite	$\text{AgPbAsS}_3$	G	1905	Switzerland	<i>Mineralogical Magazine</i> <b>14</b> (1905), 72	<i>Zeitschrift für Kristallographie</i> <b>125</b> (1967), 459
Marrucciite	$\text{Hg}_3\text{Pb}_{16}\text{Sb}_{18}\text{S}_{46}$	A	2006-015	Italy	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 267	<i>Acta Crystallographica</i> <b>E63</b> (2007), i190
Marshallussmanite	$\text{NaCaMnSi}_3\text{O}_8(\text{OH})$	A	2013-067	South Africa	CNMNC Newsletter 18 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 3249	
Marshite	$\text{CuI}$	G	1892	Australia	<i>Proceedings of the Royal Society of New South Wales</i> <b>26</b> (1892), 328	<i>Canadian Mineralogist</i> <b>35</b> (1997), 785
Marsturite	$\text{NaCaMn}^{2+}_3\text{Si}_5\text{O}_{14}(\text{OH})$	A	1977-047	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1187	<i>American Mineralogist</i> <b>99</b> (2014), 1462
Marthozite	$\text{Cu}^{2+}(\text{UO}_2)_3(\text{Se}^{4+}\text{O}_3)_2\text{O}_2 \cdot 8\text{H}_2\text{O}$	A	1968-016	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>92</b> (1969), 278	<i>Canadian Mineralogist</i> <b>39</b> (2001), 797
Martinandresite	$\text{Ba}_2(\text{Al}_4\text{Si}_{12}\text{O}_{32}) \cdot 10\text{H}_2\text{O}$	A	2017-038	Switzerland	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Martinite	$(\text{Na}, \square, \text{Ca})_{12}\text{Ca}_4(\text{Si,S,B})_{14}\text{B}_2\text{O}_{38}(\text{OH,Cl})_2\text{F}_2 \cdot 4\text{H}_2\text{O}$	A	2001-059	Canada	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1281	
Martyite	$\text{Zn}_3\text{V}_2\text{O}_7(\text{OH})_2 \cdot 2\text{H}_2\text{O}$	A	2007-026	USA	<i>Canadian Mineralogist</i> <b>46</b> (2008), 687	
Marumoite	$\text{Pb}_{32}\text{As}_{40}\text{S}_{92}$	A	1998-004	Switzerland	<i>Le Règne Minéral</i> <b>30</b> (1999), 33	<i>Mineral Deposit Research: Meeting the Global Challenge</i> <b>1</b> (2005), 695
Maruyamaite	$\text{K}(\text{MgAl}_2)(\text{Al}_5\text{Mg})(\text{BO}_3)_3(\text{Si}_6\text{O}_{18})(\text{OH})_3\text{O}$	A	2013-123	Kazakhstan	<i>American Mineralogist</i> <b>101</b> (2016), 355	
Mascagnite	$(\text{NH}_4)_2(\text{SO}_4)$	G	1800	Italy	<i>Mineralogische Tabellen</i> . Rottmann, Berlin (1800), 79 p.	<i>Physica Status Solidi</i> <b>A99</b> (1987), 131
Maslovite	$\text{PtBiTe}$	A	1978-002	Russia	<i>Geologiya Rudnykh Mestorozhdeniy</i> <b>21</b> (1979), 94	<i>American Mineralogist</i> <b>74</b> (1989), 1168

Massicot	PbO	G	1841	Germany	Nouveau Manuel Complet de Minéralogie. Roret, Paris (1841), 346	<i>Acta Crystallographica</i> <b>C41</b> (1985), 1281
Masutomilite	KLiAlMn <sup>2+</sup> (Si <sub>3</sub> Al)O <sub>10</sub> (F,OH) <sub>2</sub>	A	1974-046	Japan	<i>Mineralogical Journal</i> <b>8</b> (1976), 95	<i>Mineralogical Journal</i> <b>13</b> (1986), 13
Masuyite	Pb(UO <sub>2</sub> ) <sub>3</sub> O <sub>3</sub> (OH) <sub>2</sub> ·3H <sub>2</sub> O	G	1947	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>70</b> (1947), B212	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1483
Mathesiusite	K <sub>5</sub> (UO <sub>2</sub> ) <sub>4</sub> (SO <sub>4</sub> ) <sub>4</sub> (VO <sub>5</sub> )(H <sub>2</sub> O) <sub>4</sub>	A	2013-046	Czech Republic	<i>American Mineralogist</i> <b>99</b> (2014), 625	
Mathewrogersite	Pb <sub>7</sub> FeAl <sub>3</sub> GeSi <sub>12</sub> O <sub>36</sub> (OH, H <sub>2</sub> O) <sub>6</sub>	A	1984-042	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 203	
Mathiasite	(K, Ba, Sr)(Zr, Fe)(Mg, Fe) <sub>2</sub> (Ti, Cr, Fe) <sub>18</sub> O <sub>38</sub>	A	1982-087	South Africa	<i>American Mineralogist</i> <b>68</b> (1983), 494	<i>Acta Crystallographica</i> <b>C39</b> (1983), 421
Matildite	AgBiS <sub>2</sub>	A	1982 s.p.	Peru	I metalli. Nistri, Pisa (1883), 136	<i>Acta Crystallographica</i> <b>12</b> (1959), 46
Matiolite	NaMgAl <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>6</sub> ·2H <sub>2</sub> O	A	2005-011	Brazil	<i>American Mineralogist</i> <b>91</b> (2006), 1932	
Matlockite	PbClF	G	1851	United Kingdom	<i>Philosophical Magazine, Series IV</i> <b>2</b> (1851), 120	<i>Mineralogical Magazine</i> <b>60</b> (1996), 833
Matsubaraite	Sr <sub>4</sub> Ti <sub>5</sub> O <sub>8</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub>	A	2000-027	Japan	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 1119	
Mattagamite	CoTe <sub>2</sub>	A	1972-003	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 55	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>239</b> (1938), 126
Matteuccite	NaH(SO <sub>4</sub> )·H <sub>2</sub> O	G	1952	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Serie VIII</i> <b>12</b> (1952), 23	<i>Atti dell'Accademia delle Scienze di Torino</i> <b>109</b> (1975), 531
Mattheddeite	Pb <sub>5</sub> (SiO <sub>4</sub> ) <sub>1.5</sub> (SO <sub>4</sub> ) <sub>1.5</sub> Cl	A	1985-019	United Kingdom	<i>Scottish Journal of Geology</i> <b>23</b> (1987), 1	<i>Mineralogical Magazine</i> <b>70</b> (2006), 265
Matulaite	Fe <sup>3+</sup> Al <sub>7</sub> (PO <sub>4</sub> ) <sub>4</sub> (PO <sub>3</sub> OH) <sub>2</sub> (OH) <sub>8</sub> (H <sub>2</sub> O) <sub>8</sub> ·8H <sub>2</sub> O	Rd	1977-013	USA	<i>Aufschluss</i> <b>31</b> (1980), 55	<i>Mineralogical Magazine</i> <b>76</b> (2012), 517
Matyhite	Ca <sub>18</sub> (Ca, □) <sub>2</sub> Fe <sup>2+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>14</sub>	A	2015-121	Argentina	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Maucherite	Ni <sub>11</sub> As <sub>8</sub>	G	1913	Germany	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1913), 225	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 855
Mavlyanovite	Mn <sub>5</sub> Si <sub>3</sub>	A	2008-026	Uzbekistan	<i>Mineralogical Magazine</i> <b>73</b> (2009), 43	
Mawbyite	PbFe <sup>3+</sup> <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	A	1988-049	Australia	<i>American Mineralogist</i> <b>74</b> (1989), 1377	<i>Mineralogical Magazine</i> <b>61</b> (1997), 685
Mawsonite	Cu <sub>6</sub> Fe <sub>2</sub> SnS <sub>8</sub>	A	1964-030	Australia	<i>American Mineralogist</i> <b>50</b> (1965), 900	<i>Canadian Mineralogist</i> <b>14</b> (1976), 529
Maxwellite	NaFe <sup>3+</sup> (AsO <sub>4</sub> )F	A	1987-044	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 363	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1995), 97
Mayingite	IrBiTe	A	1993-016	China	<i>Acta Mineralogica Sinica</i> <b>15</b> (1995), 5	
Mazzettiite	Ag <sub>3</sub> HgPbSbTe <sub>5</sub>	A	2004-003	USA	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1739	
Mazzite-Mg	Mg <sub>5</sub> (Si <sub>26</sub> Al <sub>10</sub> )O <sub>72</sub> ·30H <sub>2</sub> O	A	1973-045	France	<i>Contributions to Mineralogy and Petrology</i> <b>45</b> (1974), 99	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 5
Mazzite-Na	Na <sub>8</sub> (Si <sub>28</sub> Al <sub>8</sub> )O <sub>72</sub> ·30H <sub>2</sub> O	A	2003-058	USA	<i>American Mineralogist</i> <b>90</b> (2005), 1186	
Mbobomkulite	(Ni, Cu)Al <sub>4</sub> (NO <sub>3</sub> , SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>12</sub> ·3H <sub>2</sub> O	A	1979-078	South Africa	<i>Annals of the Geological Survey of South Africa</i> <b>14</b> (1980), 1	
Mcallisterite	Mg <sub>2</sub> [B <sub>6</sub> O <sub>7</sub> (OH) <sub>6</sub> ] <sub>2</sub> ·9H <sub>2</sub> O	A	1963-012	USA	<i>American Mineralogist</i> <b>50</b> (1965), 629	<i>Atti dell'Accademia Nazionale dei Lincei, Rendiconti</i> <b>47</b> (1969), 352
Mcalpineite	Cu <sub>3</sub> Te <sup>6+</sup> O <sub>6</sub>	A	1992-025	USA	<i>Mineralogical Magazine</i> <b>58</b> (1994), 417	<i>American Mineralogist</i> <b>98</b> (2013), 1899
Mcauslanite	Fe <sup>2+</sup> <sub>3</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> (PO <sub>3</sub> OH)F·18H <sub>2</sub> O	A	1986-051	Canada	<i>Canadian Mineralogist</i> <b>26</b> (1988), 917	
Mcbirneyite	Cu <sub>3</sub> (VO <sub>4</sub> ) <sub>2</sub>	A	1985-007	El Salvador	<i>Journal of Volcanology and Geothermal Research</i> <b>33</b> (1987), 183	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1546
Mcconnellite	Cu <sup>1+</sup> CrO <sub>2</sub>	A	1967-037	Guyana	<i>U.S. Geological Survey Professional Paper</i> <b>887</b> (1976), 1	<i>Journal of the American Chemical Society</i> <b>77</b> (1955), 896
Mccrillsite	NaCs(Be, Li)Zr <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> ·1·2H <sub>2</sub> O	A	1991-023	USA	<i>Canadian Mineralogist</i> <b>32</b> (1994), 839	



Mcgillite	$Mn^{2+}_8Si_6O_{15}(OH)_8Cl_2$	A	1979-024	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 31	<i>Canadian Mineralogist</i> <b>22</b> (1984), 265
Mcgovernite	$Mn_{19}Zn_3(AsO_3)(AsO_4)_3(SiO_4)_3(OH)_{21}$	G	1927	USA	<i>American Mineralogist</i> <b>12</b> (1927), 373	<i>American Mineralogist</i> <b>65</b> (1980), 957
Mcguinnessite	$CuMg(CO_3)(OH)_2$	A	1977-027	USA	<i>Mineralogical Record</i> <b>12</b> (1981), 143	<i>Zeitschrift für Kristallographie, suppl.</i> <b>23</b> (2006), 505
Mckelveyite-(Y)	$NaBa_3(Ca,U)Y(CO_3)_6 \cdot 3H_2O$	Rd	1964-025	USA	<i>American Mineralogist</i> <b>50</b> (1965), 593	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(5)</b> (1990), 76
Mckinstryite	$(Ag,Cu)_2S$	A	1966-012	Canada	<i>Economic Geology</i> <b>61</b> (1966), 1383	<i>Mineralogical Magazine</i> <b>74</b> (2010), 73
Mcnearite	$NaCa_5(AsO_4)(AsO_3OH)_4 \cdot 4H_2O$	A	1980-017	France	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>61</b> (1981), 1	
Medaite	$Mn^{2+}_6V^{5+}Si_5O_{18}(OH)$	A	1979-062	Italy	<i>American Mineralogist</i> <b>67</b> (1982), 85	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1972
Medenbachite	$Bi_2Fe^{3+}Cu^{2+}(AsO_4)_2O(OH)_3$	A	1993-048	Germany	<i>American Mineralogist</i> <b>81</b> (1996), 505	
Meerschautite	$(Ag,Cu)_{5,5}Pb_{42,4}(Sb,As)_{45,1}S_{112}O_{0,8}$	A	2013-061	Italy	<i>Mineralogical Magazine</i> <b>80</b> (2016), 675	
Megacyclite	$KNa_8Si_9O_{18}(OH)_9 \cdot 19H_2O$	A	1991-015	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(1)</b> (1993), 125	<i>New Data on Minerals</i> <b>42</b> (2007), 81
Megakalsilite	$KAlSiO_4$	A	2001-008	Russia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 961	
Megawite	$CaSnO_3$	A	2009-090	Russia	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2563	<i>Physics and Chemistry of Minerals</i> <b>36</b> (2009), 403
Meieranite	$Na_2Sr_3MgSi_6O_{17}$	A	2015-009	South Africa	CNMNC Newsletter 25 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 529	
Meierite	$Ba_{44}Si_{66}Al_{30}O_{192}Cl_{25}(OH)_{33}$	A	2014-039	Canada	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1249	
Meionite	$Ca_4Al_6Si_6O_{24}(CO_3)$	G	1801	Italy	Traité de Minéralogie, Vol. 2. Chez Louis, Partis (1801), 586	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1527
Meisserite	$Na_5(UO_2)(SO_4)_3(SO_3OH)(H_2O)$	A	2013-039	USA	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2975	
Meixnerite	$Mg_6Al_2(OH)_{16}(OH)_2 \cdot 4H_2O$	A	1974-003	Austria	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>22</b> (1975), 79	<i>Aufschluss</i> <b>49</b> (1998), 230
Mejillonesite	$NaMg_2(PO_3OH)(PO_4)(OH) \cdot H_5O_2$	A	2010-068	Chile	<i>American Mineralogist</i> <b>97</b> (2012), 19	
Melanarsite	$K_3Cu_7Fe^{3+}O_4(AsO_4)_4$	A	2014-048	Russia	<i>Mineralogical Magazine</i> <b>80</b> (2016), 855	
Melanocerite-(Ce)	$Ce_5(SiO_4,BO_4)_3(OH,O)$	Q	1887	Norway	<i>Geologiska Föreningen i Stockholm Förhandlingar</i> <b>9</b> (1887), 247	<i>Trudy Mineralogicheskogo Muzeya, Akademiya Nauk SSSR</i> <b>21</b> (1972), 12
Melanophlogite	$C_2H_{17}O_5 \cdot Si_{46}O_{92}$	Rd	1962 s.p.	Italy	<i>Neues Jahrbuch für Mineralogie</i> (1876), 250	<i>American Mineralogist</i> <b>93</b> (2008), 88
Melanostibite	$Mn^{2+}(Sb^{5+},Fe^{3+})O_3$	A	1971 s.p.	Sweden	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>21</b> (1893), 246	<i>American Mineralogist</i> <b>53</b> (1968), 1104
Melanotekite	$Pb_2Fe^{3+}_2O_2(Si_2O_7)$	G	1880	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>37(6)</b> (1880), 53	<i>American Mineralogist</i> <b>93</b> (2008), 573
Melanothallite	$Cu_2OCl_2$	G	1870	Italy	<i>Rendiconti della Regia Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>9</b> (1870), 86	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1185
Melanovanadate	$Ca(V^{5+},V^{4+})_4O_{10} \cdot 5H_2O$	G	1921	Peru	<i>Proceedings of the National Academy of Sciences</i> <b>7</b> (1921), 249	<i>American Mineralogist</i> <b>72</b> (1987), 637
Melanterite	$Fe(SO_4) \cdot 7H_2O$	G	1850	unknown	Handbuch der Bestimmenden Mineralogie, 2nd ed. Braumüller and Seidel, Wien (1850), 489	<i>Canadian Mineralogist</i> <b>41</b> (2003), 937



Melcherite	BaCa <sub>2</sub> MgNb <sub>6</sub> O <sub>19</sub> ·6H <sub>2</sub> O	A	2015-018	Brazil	CNMNC Newsletter 25 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 529	
Meliphanite	Ca <sub>4</sub> (Na,Ca) <sub>4</sub> Be <sub>4</sub> AlSi <sub>7</sub> O <sub>24</sub> (F,O) <sub>4</sub>	G	1852	Norway	<i>Journal für Praktische Chemie</i> <b>55</b> (1852), 449	<i>Canadian Mineralogist</i> <b>40</b> (2002), 971
Melkovite	CaFe <sup>3+</sup> <sub>2</sub> Mo <sub>5</sub> O <sub>10</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>12</sub> ·8H <sub>2</sub> O	A	1968-033	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>98</b> (1969), 207	
Melliniite	(Ni,Fe) <sub>4</sub> P	A	2005-027	Morocco (meteorite)	<i>American Mineralogist</i> <b>91</b> (2006), 451	
Mellite	Al <sub>2</sub> C <sub>6</sub> (COO) <sub>6</sub> ·16H <sub>2</sub> O	G	1793	Germany	Systema Naturae per Regna Tria Naturae, Vol. 3. Georg Emanuel Beer, Lipsia (1793), 282	<i>Journal of Solid State Chemistry</i> <b>92</b> (1991), 101
Mellizinkalite	K <sub>3</sub> Zn <sub>2</sub> Cl <sub>7</sub>	A	2014-010	Russia	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 247	
Melonite	NiTe <sub>2</sub>	G	1868	USA	<i>American Journal of Science</i> <b>45</b> (1868), 313	<i>American Mineralogist</i> <b>31</b> (1946), 204
Mélonjosephite	CaFe <sup>2+</sup> Fe <sup>3+</sup> (PO <sub>4</sub> ) <sub>2</sub> (OH)	A	1973-012	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>96</b> (1973), 135	<i>American Mineralogist</i> <b>62</b> (1977), 60
Menchettiite	Pb <sub>5</sub> Mn <sub>3</sub> Ag <sub>2</sub> Sb <sub>6</sub> As <sub>4</sub> S <sub>24</sub>	A	2011-009	Peru	<i>American Mineralogist</i> <b>97</b> (2012), 440	
Mendeleevite-(Ce)	Cs <sub>6</sub> (Ce,REE,Ca) <sub>30</sub> (Si <sub>70</sub> O <sub>175</sub> )(OH,F,H <sub>2</sub> O) <sub>35</sub>	A	2009-092	Tajikistan	<i>Doklady Earth Sciences</i> <b>452</b> (2013), 1023	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2583
Mendeleevite-(Nd)	Cs <sub>6</sub> (Nd,REE,Ca) <sub>30</sub> (Si <sub>70</sub> O <sub>175</sub> )(OH,F,H <sub>2</sub> O) <sub>35</sub>	A	2015-031	Tajikistan	<i>Mineralogical Magazine</i> <b>81</b> (2017), 113	
Mendigite	Mn <sub>2</sub> Mn <sub>2</sub> MnCa(Si <sub>3</sub> O <sub>9</sub> ) <sub>2</sub>	A	2014-007	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>144(2)</b> (2015), 48	
Mendipite	Pb <sub>3</sub> O <sub>2</sub> Cl <sub>2</sub>	G	1839	United Kingdom	Grundriss der Mineralogie, mit Einschluss der Geognosie und Petrefactenkunde. Schrag, Nurnberg (1839), 604	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 563
Mendozavilite-KCa	[K <sub>2</sub> (H <sub>2</sub> O) <sub>15</sub> Ca(H <sub>2</sub> O) <sub>6</sub> ][Mo <sub>8</sub> P <sub>2</sub> Fe <sup>3+</sup> <sub>3</sub> O <sub>34</sub> (OH) <sub>3</sub> ]	A	2011-088	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
Mendozavilite-NaCu	[Na <sub>2</sub> (H <sub>2</sub> O) <sub>15</sub> Cu(H <sub>2</sub> O) <sub>6</sub> ][Mo <sub>8</sub> P <sub>2</sub> Fe <sup>3+</sup> <sub>3</sub> O <sub>34</sub> (OH) <sub>3</sub> ]	A	2011-039	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
Mendozavilite-NaFe	[Na <sub>2</sub> (H <sub>2</sub> O) <sub>15</sub> Fe <sup>3+</sup> (H <sub>2</sub> O) <sub>6</sub> ][Mo <sub>8</sub> P <sub>2</sub> Fe <sup>3+</sup> <sub>3</sub> O <sub>35</sub> (OH) <sub>2</sub> ]	A	1982-009	Mexico	<i>Boletín de Mineralogía</i> <b>2(1)</b> (1986), 13	<i>Australian Journal of Mineralogy</i> <b>8</b> (2002), 11
Mendozite	NaAl(SO <sub>4</sub> ) <sub>2</sub> ·11H <sub>2</sub> O	G	1868	Argentina	A System of Mineralogy, 5th ed. Wiley, New York (1868), 653	<i>American Mineralogist</i> <b>57</b> (1972), 1081
Meneghinite	Pb <sub>13</sub> CuSb <sub>7</sub> S <sub>24</sub>	G	1852	Italy	<i>Atti dell'Accademia dei Georgofili</i> <b>30</b> (1852), 84	<i>Comptes Rendus de l'Academie des Sciences, Geoscience</i> <b>334</b> (2002), 529
Menezesite	Ba <sub>3</sub> MgZr <sub>4</sub> Nb <sub>12</sub> O <sub>42</sub> ·12H <sub>2</sub> O	A	2005-023	Brazil	<i>American Mineralogist</i> <b>93</b> (2008), 81	
Mengxianminite	Ca <sub>2</sub> Sn <sub>2</sub> Mg <sub>3</sub> Al <sub>8</sub> [(BO <sub>3</sub> )(BeO <sub>4</sub> )O <sub>6</sub> ] <sub>2</sub>	A	2015-070	China	<i>American Mineralogist</i> <b>102</b> (2017), 2136	
Meniaylovite	Ca <sub>4</sub> AlSi(SiO <sub>4</sub> )F <sub>13</sub> ·12H <sub>2</sub> O	A	2002-050	Russia	<i>Vulkanologiya i Seismologiya</i> <b>2</b> (2004), 3	<i>American Mineralogist</i> <b>66</b> (1981), 392
Menshikovite	Pd <sub>3</sub> Ni <sub>2</sub> As <sub>3</sub>	A	1993-057	Russia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 679	
Menzerite-(Y)	(CaY <sub>2</sub> )Mg <sub>2</sub> (SiO <sub>4</sub> ) <sub>3</sub>	A	2009-050	Canada	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1157	
Mercallite	KH(SO <sub>4</sub> )	G	1935	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei</i> <b>21</b> (1935), 385	<i>Acta Crystallographica</i> <b>B32</b> (1976), 1875
Mercury	Hg	G	?	unknown	original paper?	
Mereheadite	Pb <sub>47</sub> O <sub>24</sub> (OH) <sub>13</sub> Cl <sub>25</sub> (BO <sub>3</sub> ) <sub>2</sub> (CO <sub>3</sub> )	A	1996-045	United Kingdom	<i>Mineralogical Magazine</i> <b>62</b> (1998), 687	<i>Mineralogical Magazine</i> <b>73</b> (2009), 103

Mereiterite	$K_2Fe^{2+}(SO_4)_2 \cdot 4H_2O$	A	1993-045	Greece	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 559	
Merelaniite	$Pb_4Mo_4VSbS_{15}$	A	2016-042	Tanzania	<i>Minerals</i> <b>6</b> (2016), 115	
Merenskyite	$PdTe_2$	A	1965-016	South Africa	<i>Mineralogical Magazine</i> <b>35</b> (1966), 815	
Meridianiite	$Mg(SO_4) \cdot 11H_2O$	A	2007-011	Canada	<i>American Mineralogist</i> <b>92</b> (2007), 1756	
Merlinoite	$K_5Ca_2(Si_{23}Al_9)O_{64} \cdot 24H_2O$	A	1976-046	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 355	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 371
Merrhueite	$(K,Na)_2(Fe^{2+},Mg)_5Si_{12}O_{30}$	A	1965-020	Romania	<i>Science</i> <b>149</b> (1965), 972	<i>Acta Crystallographica</i> <b>28</b> (1972), 267
Merrillite	$Ca_9NaMg(PO_4)_7$	Rd	1976 s.p.	Italy (meteorite) / India (meteorite) / Poland (meteorite) / USA (meteorite)	<i>American Mineralogist</i> <b>2</b> (1917), 119	<i>American Mineralogist</i> <b>100</b> (2015), 2753
Mertieite-I	$Pd_{5+x}(Sb,As)_{2-x}$ ( $x = 0.1-0.2$ )	Rd	1971-016	USA	<i>American Mineralogist</i> <b>58</b> (1973), 1	<i>Canadian Mineralogist</i> <b>13</b> (1975), 321
Mertieite-II	$Pd_8(Sb,As)_3$	G	?	USA	<i>American Mineralogist</i> <b>58</b> (1973), 1	<i>Canadian Mineralogist</i> <b>13</b> (1975), 321
Merwinite	$Ca_3Mg(SiO_4)_2$	G	1921	USA	<i>American Mineralogist</i> <b>6</b> (1921), 143	<i>American Mineralogist</i> <b>57</b> (1972), 1355
Mesaite	$CaMn^{2+}_5(V_2O_7)_3 \cdot 12H_2O$	A	2015-069	USA	CNMNC Newsletter 28 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1859	
Mesolite	$Na_2Ca_2(Si_9Al_6)O_{30} \cdot 8H_2O$	A	1997 s.p.	Iceland ?	<i>Journal für Chemie und Physik</i> <b>8</b> (1813), 353	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 571
Messelite	$Ca_2Fe^{2+}(PO_4)_2 \cdot 2H_2O$	A	1890	Germany	<i>Zeitschrift für Kristallographie</i> <b>17</b> (1890), 93	<i>Zeitschrift für Kristallographie</i> <b>218</b> (2003), 553
Meta-aluminite	$Al_2(SO_4)(OH)_4 \cdot 5H_2O$	A	1967-013	USA	<i>American Mineralogist</i> <b>53</b> (1968), 717	<i>Zeitschrift für Kristallographie</i> <b>151</b> (1980), 141
Meta-alunogen	$Al_2(SO_4)_3 \cdot 14H_2O$	Q	1942	Chile	<i>Academy of Natural Science of Philadelphia, Notulae Naturae</i> <b>101</b> (1942)	<i>Mineralogical Magazine</i> <b>63</b> (1999), 413
Meta-ankoleite	$K(UO_2)(PO_4) \cdot 3H_2O$	A	1963-013	Uganda	<i>Bulletin of the Geological Survey of Great Britain</i> <b>25</b> (1966), 49	
Meta-autunite	$Ca(UO_2)_2(PO_4)_2 \cdot 6H_2O$	G	1904	USA	<i>Bulletin de la Société Française de Minéralogie</i> <b>27</b> (1904), 222	<i>American Mineralogist</i> <b>90</b> (2005), 1308
Metaborite	$HBO_2$	A	1967 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>93</b> (1964), 629	<i>Acta Crystallographica</i> <b>C56</b> (2000), 276
Metacalcioranoite	$(Ca,Na,Ba)U_2O_7 \cdot 2H_2O$	A	1971-054	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 75	
Metacinnabar	$HgS$	G	1870	USA	<i>Journal für Praktische Chemie</i> <b>110</b> (1870), 319	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 957
Metadelrioite	$SrCa(VO_3)_2(OH)_2$	A	1967-006	USA	<i>American Mineralogist</i> <b>55</b> (1970), 185	
Metahaiweeite	$Ca(UO_2)_2Si_6O_{15} \cdot nH_2O$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 839	
Metaheinrichite	$Ba(UO_2)_2(AsO_4)_2 \cdot 8H_2O$	G	1958	USA / Germany	<i>American Mineralogist</i> <b>43</b> (1958), 1134	
Metahewettite	$CaV^{5+}_6O_{16} \cdot 3H_2O$	G	1914	USA	<i>Proceedings of the American Philosophical Society</i> <b>53</b> (1914), 31	<i>Canadian Mineralogist</i> <b>7</b> (1962), 219
Metahohmannite	$Fe^{3+}_2O(SO_4)_2 \cdot 4H_2O$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 669	<i>American Mineralogist</i> <b>89</b> (2004), 265
Metakahlerite	$Fe^{2+}(UO_2)_2(AsO_4)_2 \cdot 8H_2O$	G	1958	Germany	<i>Jahreshefte des Geologischen Landesamtes in Baden-Württemberg</i> <b>3</b> (1958), 17	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1699

Metakirchheimerite	$\text{Co}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	G	1958	Germany	<i>Jahreshefte des Geologischen Landesamtes in Baden-Württemberg</i> <b>3</b> (1958), 17	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1699
Metaköttigite	$(\text{Zn}, \text{Fe}^{3+})_3(\text{AsO}_4)_2 \cdot 8(\text{H}_2\text{O}, \text{OH})$	A	1979-077	Mexico	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1982), 506	
Metalodèveite	$\text{Zn}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 10\text{H}_2\text{O}$	A	1972-014	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>95</b> (1972), 360	
Metamunirite	$\text{NaV}^{5+}\text{O}_3$	A	1990-044	USA	<i>Mineralogical Magazine</i> <b>55</b> (1991), 509	<i>Acta Crystallographica</i> <b>B40</b> (1984), 102
Metanatroautunite	$\text{Na}(\text{UO}_2)(\text{PO}_4) \cdot 3\text{H}_2\text{O}$	Rn	1987 s.p.	Tajikistan	<i>Soviet Journal of Atomic Energy</i> <b>3</b> (1957), 1068	<i>American Mineralogist</i> <b>97</b> (2012), 735
Metanováčekite	$\text{Mg}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	Rn	2007 s.p.	Germany	<i>Jahreshefte des Geologischen Landesamt Baden-Württemberg</i> <b>3</b> (1958), 17	
Metarauchite	$\text{Ni}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	A	2008-050	Czech Republic	<i>Canadian Mineralogist</i> <b>48</b> (2010), 335	
Metarossite	$\text{CaV}^{5+}_2\text{O}_6 \cdot 2\text{H}_2\text{O}$	G	1927	USA	<i>Proceedings of the United States National Museum</i> <b>72</b> (1927), 1	<i>Canadian Mineralogist</i> <b>6</b> (1960), 448
Metasaléeite	$\text{Mg}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	G	1950	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>35</b> (1950), 525	
Metaschoderite	$\text{Al}(\text{PO}_4) \cdot 3\text{H}_2\text{O}$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 637	
Metaschoepite	$(\text{UO}_2)_6\text{O}_2(\text{OH})_{12} \cdot 10\text{H}_2\text{O}$	G	1960	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>45</b> (1960), 1026	<i>Acta Crystallographica</i> <b>B56</b> (2000), 577
Metasideronatriite	$\text{Na}_2\text{Fe}^{3+}(\text{SO}_4)_2(\text{OH}) \cdot \text{H}_2\text{O}$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 733	<i>American Mineralogist</i> <b>95</b> (2010), 329
Metastibnite	$\text{Sb}_2\text{S}_3$	G	1888	USA	<i>Proceedings of the American Philosophical Society</i> <b>25</b> (1888), 170	<i>Revue de Chimie Minérale</i> <b>20</b> (1983), 196
Metastudtite	$\text{UO}_4 \cdot 2\text{H}_2\text{O}$	A	1981-055	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>68</b> (1983), 456	
Metaswitzerite	$\text{Mn}^{2+}_3(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	Rd	1981-027a	USA	<i>American Mineralogist</i> <b>71</b> (1986), 1221	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>26</b> (1979), 255
Metatamboite	$\text{Fe}^{3+}_3(\text{OH})(\text{H}_2\text{O})_2(\text{SO}_4)(\text{Te}^{4+}\text{O}_3)_3[\text{Te}^{4+}\text{O}(\text{OH})_2](\text{H}_2\text{O})$	A	2016-060	Chile	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Metathénardite	$\text{Na}_2(\text{SO}_4)$	A	2015-102	Russia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Metatorbernite	$\text{Cu}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	G	1916	United Kingdom	<i>Mineralogical Magazine</i> <b>17</b> (1916), 326	<i>American Mineralogist</i> <b>95</b> (2010), 1132
Metatyuyamunite	$\text{Ca}(\text{UO}_2)_2(\text{VO}_4)_2 \cdot 3\text{H}_2\text{O}$	G	1954	USA	<i>Bulletin of the United States Geological Survey</i> <b>1009-B</b> (1954), 37	<i>American Mineralogist</i> <b>41</b> (1956), 187
Metauramphite	$(\text{NH}_4)_2(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$	Q	1957 ?	Russia	<i>Voprosy Geologii Urana</i> (1957), 67	<i>Mineralogical Record</i> <b>39</b> (2008), 131
Metauranocircite-I	$\text{Ba}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$	Rn	2007 s.p.	Germany	<i>Bulletin de la Société Française de Minéralogie</i> <b>27</b> (1904), 222	<i>Doklady Chemistry</i> <b>389</b> (2003), 58
Metauranopilite	$(\text{UO}_2)_6(\text{SO}_4)(\text{OH})_{10} \cdot 5\text{H}_2\text{O}$	Rn	2007 s.p.	Czech Republic	<i>Ceská Spolecnost Nauk, Trída Matematiko-Prírodovedecká Vestník</i> <b>2</b> (1935), 1	<i>American Mineralogist</i> <b>37</b> (1952), 950
Metauranospinite	$\text{Ca}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	Rn	2007 s.p.	Germany	<i>Jahreshefte des Geologischen Landesamtes in Baden-Württemberg</i> <b>3</b> (1958), 17	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>9</b> (1965), 252

Metavandendriesscheite	$\text{PbU}_7\text{O}_{22}\cdot n\text{H}_2\text{O}$	G	1960	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>45</b> (1960), 1026	
Metavanmeersscheite	$\text{U}(\text{UO}_2)_3(\text{PO}_4)_2(\text{OH})_6\cdot 2\text{H}_2\text{O}$	A	1981-010	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 125	
Metavanuralite	$\text{Al}(\text{UO}_2)_2(\text{VO}_4)_2(\text{OH})\cdot 8\text{H}_2\text{O}$	A	1970-003	Gabon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 242	
Metavariscite	$\text{Al}(\text{PO}_4)\cdot 2\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>10</b> (1925), 23	<i>Acta Crystallographica</i> <b>B29</b> (1973), 2292
Metavauxite	$\text{Fe}^{2+}\text{Al}_2(\text{PO}_4)_2(\text{OH})_2\cdot 8\text{H}_2\text{O}$	G	1927	Bolivia	<i>American Mineralogist</i> <b>12</b> (1927), 264	<i>Naturwissenschaften</i> <b>54</b> (1967), 561
Metavivianite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2\cdot 6\text{H}_2\text{O}$	A	1973-049	USA	<i>American Mineralogist</i> <b>59</b> (1974), 896	<i>Mineralogical Magazine</i> <b>76</b> (2012), 743
Metavoltine	$\text{K}_2\text{Na}_6\text{Fe}^{2+}\text{Fe}^{3+}_6\text{O}_2(\text{SO}_4)_{12}\cdot 18\text{H}_2\text{O}$	G	1883	Iran	<i>Sitzungsberichte der Mathematisch-Naturwissenschaftlichen Classe der Kaiserlichen Akademie der Wissenschaften</i> <b>87</b> (1883), 141	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>23</b> (1976), 155
Metazellerite	$\text{Ca}(\text{UO}_2)(\text{CO}_3)_2\cdot 3\text{H}_2\text{O}$	A	1965-032	USA	<i>American Mineralogist</i> <b>51</b> (1966), 1567	
Metazeunerite	$\text{Cu}(\text{UO}_2)_2(\text{AsO}_4)_2\cdot 8\text{H}_2\text{O}$	G	1937	Germany	<i>Geochemist's and Mineralogist's Compendium</i> (1937) 173	<i>Canadian Mineralogist</i> <b>41</b> (2003), 489
Meurigite-K	$\text{KFe}^{3+}_8(\text{PO}_4)_6(\text{OH})_7\cdot 6.5\text{H}_2\text{O}$	Rn	1995-022	USA	<i>Mineralogical Magazine</i> <b>60</b> (1996), 787	<i>American Mineralogist</i> <b>92</b> (2007), 1518
Meurigite-Na	$[\text{Na}(\text{H}_2\text{O})_{2.5}][\text{Fe}^{3+}_8(\text{PO}_4)_6(\text{OH})_7(\text{H}_2\text{O})_4]$	A	2007-024	USA	<i>American Mineralogist</i> <b>94</b> (2009), 720	
Meyerhofferite	$\text{CaB}_3\text{O}_3(\text{OH})_5\cdot \text{H}_2\text{O}$	G	1914	USA	<i>Journal of the Washington Academy of Sciences</i> <b>4</b> (1914), 354	<i>Canadian Mineralogist</i> <b>31</b> (1993), 305
Meymacite	$\text{WO}_3\cdot 2\text{H}_2\text{O}$	Rd	1965 s.p.	France	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>79</b> (1874), 639	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>88</b> (1965), 613
Mgriite	$(\text{Cu},\text{Fe})_3\text{AsSe}_3$	A	1980-100	Germany	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 215	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Mianningite	$(\square, \text{Pb}, \text{Ce}, \text{Na})(\text{U}^{4+}, \text{Mn}, \text{U}^{6+})\text{Fe}^{3+}_2(\text{Ti}, \text{Fe}^{3+})_{18}\text{O}_{38}$	A	2014-072	China	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 331	
Miargyrite	$\text{AgSbS}_2$	G	1829	Germany	<i>Annalen der Physik und Chemie</i> <b>15</b> (1829), 451	<i>American Mineralogist</i> <b>87</b> (2002), 753
Miassite	$\text{Rh}_{17}\text{S}_{15}$	A	1997-029	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(2)</b> (2001), 41	<i>Acta Crystallographica</i> <b>15</b> (1962), 1198
Micheelsenite	$(\text{Ca}, \text{Y})_3\text{Al}(\text{PO}_3\text{OH})(\text{CO}_3)(\text{OH})_6\cdot 12\text{H}_2\text{O}$	A	1999-033	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 337	
Michenerite	$\text{PdBiTe}$	Rd	1971-006a	Canada	<i>Canadian Mineralogist</i> <b>6</b> (1958), 200	<i>Canadian Mineralogist</i> <b>12</b> (1973), 61
Microcline	$\text{K}(\text{AlSi}_3\text{O}_8)$	G	1830	Norway	<i>Journal für Chemie und Physik</i> <b>60</b> (1830), 316	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 263
Microsommitite	$[(\text{Na}, \text{K})_6(\text{SO}_4)][\text{Ca}_2\text{Cl}_2][(\text{Si}_6\text{Al}_6\text{O}_{24})]$	G	1872	Italy	<i>Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche</i> <b>11</b> (1872), 210	<i>Physics and Chemistry of Minerals</i> <b>28</b> (2001), 509
Middendorfitite	$\text{K}_3\text{Na}_2\text{Mn}_5\text{Si}_{12}(\text{O}, \text{OH})_{36}\cdot 2\text{H}_2\text{O}$	A	2005-028	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(3)</b> (2006), 42	
Middlebackite	$\text{Cu}_2\text{C}_2\text{O}_4(\text{OH})_2$	A	2015-115	Australia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	

Mieite-(Y)	$Y_4Ti(SiO_4)_2O[F,(OH)]_6$	A	2014-020	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>110</b> (2015), 135	
Miersite	AgI	G	1898	Australia	<i>Nature</i> <b>57</b> (1898), 574	<i>Mineralogical Magazine</i> <b>62</b> (1998), 471
Miessite	$Pd_{11}Te_2Se_2$	A	2006-013	Finland	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1221	
Miguelromeroite	$Mn_5(AsO_3OH)_2(AsO_4)_2(H_2O)_4$	A	2008-066	Mexico	<i>American Mineralogist</i> <b>94</b> (2009), 1535	
Miharaite	$PbCu_4FeBiS_6$	A	1976-012	Japan	<i>American Mineralogist</i> <b>65</b> (1980), 784	<i>Doklady Akademii Nauk SSSR</i> <b>299</b> (1988), 123
Mikasaite	$Fe^{3+}_2(SO_4)_3$	A	1992-015	Japan	<i>Mineralogical Magazine</i> <b>58</b> (1994), 649	<i>Zeitschrift für Kristallographie</i> <b>144</b> (1976), 341
Milarite	$KCa_2(Be_2AlSi_{12})O_{30} \cdot H_2O$	G	1870	Switzerland	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1870), 80	<i>European Journal of Mineralogy</i> <b>1</b> (1989), 353
Millerite	NiS	G	1845	Czech Republic	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Physics and Chemistry of Minerals</i> <b>31</b> (2004), 321
Millisite	$NaCaAl_6(PO_4)_4(OH)_9 \cdot 3H_2O$	G	1930	USA	<i>American Mineralogist</i> <b>15</b> (1930), 307	<i>American Mineralogist</i> <b>45</b> (1960), 547
Millosevichite	$Al_2(SO_4)_3$	G	1913	Italy	<i>Rendiconti dell'Accademia dei Lincei, Classe di Scienze Fisiche, Matematiche e Naturali, Serie V</i> <b>22</b> (1913), 303	<i>Zeitschrift für Kristallographie</i> <b>204</b> (1993), 57
Millsite	$CuTeO_3 \cdot 2H_2O$	A	2015-086	Norway	CNMNC Newsletter 29 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 199	
Milotaite	PdSbSe	A	2003-056	Czech Republic	<i>Canadian Mineralogist</i> <b>43</b> (2005), 689	
Mimetite	$Pb_5(AsO_4)_3Cl$	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845)	<i>Canadian Mineralogist</i> <b>29</b> (1991), 369
Minasgeraisite-(Y)	$CaBe_2Y_2Si_2O_{10}$	A	1983-090	Brazil	<i>American Mineralogist</i> <b>71</b> (1986), 603	
Minasragrite	$V^{4+}O(SO_4) \cdot 5H_2O$	G	1915	Peru	<i>Journal of the Washington Academy of Sciences</i> <b>5</b> (1915), 7	<i>Acta Crystallographica</i> <b>B35</b> (1979), 1545
Mineevite-(Y)	$Na_{25}BaY_2(CO_3)_{11}(HCO_3)_4(SO_4)_2F_2Cl$	A	1991-048	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(6)</b> (1992), 138	
Minehillite	$(K,Na)_2Ca_{28}Zn_5Al_4Si_{40}O_{112}(OH)_{16}$	A	1983-001	USA	<i>American Mineralogist</i> <b>69</b> (1984), 1150	<i>American Mineralogist</i> <b>80</b> (1995), 173
Minguzzite	$K_3Fe^{3+}(C_2O_4)_3 \cdot 3H_2O$	G	1955	Italy	<i>Accademia Nazionale dei Lincei, Rendiconti della Classe di Scienze Fisiche, Matematiche e Naturali</i> <b>18</b> (1955), 392	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>81</b> (1958), 245
Minium	$Pb^{2+}_2Pb^{4+}O_4$	G	1806	Germany	<i>Philosophical Transactions of the Royal Society of London</i> <b>96</b> (1806), 267	<i>Journal of Solid State Chemistry</i> <b>23</b> (1978), 327
Minjiangite	$BaBe_2(PO_4)_2$	A	2013-021	China	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1195	
Minnesotaite	$Fe^{2+}_3Si_4O_{10}(OH)_2$	G	1944	USA	<i>American Mineralogist</i> <b>29</b> (1944), 363	<i>Canadian Mineralogist</i> <b>24</b> (1986), 479
Minohlite	$(Cu,Zn)_7(SO_4)_2(OH)_{10} \cdot 8H_2O$	A	2012-035	Japan	<i>Mineralogical Magazine</i> <b>77</b> (2013), 335	
Minrecordite	$CaZn(CO_3)_2$	A	1980-096	Namibia	<i>Mineralogical Record</i> <b>13</b> (1982), 131	
Minyulite	$KAl_2(PO_4)_2F \cdot 4H_2O$	G	1933	Australia	<i>Journal of the Royal Society of Western Australia</i> <b>19</b> (1933), 13	<i>American Mineralogist</i> <b>62</b> (1977), 256
Mirabilite	$Na_2(SO_4) \cdot 10H_2O$	G	1845	unknown	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 488	<i>Physics and Chemistry of Minerals</i> <b>36</b> (2009), 29
Misakiite	$Cu_3Mn(OH)_6Cl_2$	A	2013-131	Japan	<i>Mineralogical Magazine</i> <b>81</b> (2017), 485	

Misenite	$K_8(SO_4)(SO_3OH)_6$	G	1849	Italy	<i>Atti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>8</b> (1849), 322	<i>U.S. Geological Survey Bulletin</i> <b>679</b> (1921), 111
Miserite	$K_{1.5-x}(Ca, Y, REE)_5[Si_6O_{15}][Si_2O_7](OH, F)_2 \cdot yH_2O$	G	1950	USA	<i>American Mineralogist</i> <b>35</b> (1950), 911	<i>Doklady Earth Sciences</i> <b>406</b> (2006), 74
Mitridatite	$Ca_2Fe^{3+}_3O_2(PO_4)_3 \cdot 3H_2O$	G	1914	Ukraine	<i>Zapiski Krymskogo Obshchestva Estestvoispytatelei</i> <b>4</b> (1914), 104	<i>Inorganic Chemistry</i> <b>16</b> (1977), 1096
Mitryaevaite	$Al_5(PO_4)_2[(P, S)O_3(OH, O)]_2F_2(OH)_2 \cdot 14.5H_2O$	A	1991-035	Kazakhstan	<i>Canadian Mineralogist</i> <b>39</b> (2001), 179	
Mitscherlichite	$K_2CuCl_4 \cdot 2H_2O$	G	1925	Italy	<i>Annali del Reale Osservatorio Vesuviano, Serie III</i> <b>2</b> (1925), 7	<i>Acta Crystallographica</i> <b>B26</b> (1970), 827
Mixite	$Cu_6Bi(AsO_4)_3(OH)_6 \cdot 3H_2O$	G	1880	Czech Republic	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>4</b> (1880), 277	<i>Physics and Chemistry of Minerals</i> <b>24</b> (1997), 411
Miyahisaite	$(Sr, Ca)_2Ba_3(PO_4)_3F$	A	2011-043	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>107</b> (2012), 121	
Moctezumite	$Pb(UO_2)(Te^{4+}O_3)_2$	A	1965-004	Mexico	<i>American Mineralogist</i> <b>50</b> (1965), 1158	<i>American Mineralogist</i> <b>78</b> (1993), 835
Modderite	CoAs	G	1923	South Africa	<i>Journal of the Chemical, Metallurgical and Mining Society of South Africa</i> <b>24</b> (1923), 90	<i>Acta Crystallographica</i> <b>B40</b> (1984), 14
Moëloite	$Pb_6Sb_6S_{14}(S)_3$	A	1998-045	Italy	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 599	
Mogánite	$SiO_2 \cdot nH_2O$	Rn	1999-035	Spain	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 21	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 693
Mogovidite	$Na_9(Ca, Na)_{12}Fe_2Zr_3Si_{25}O_{72}(CO_3)(OH)_4$	A	2004-040	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(6)</b> (2005), 36	<i>Doklady Akademii Nauk</i> <b>400</b> (2005), 640
Mohite	$Cu_2SnS_3$	A	1981-015	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 110	
Möhnite	$(NH_4)K_2Na(SO_4)_2$	A	2014-101	Chile	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 643	
Mohrite	$(NH_4)_2Fe^{2+}(SO_4)_2 \cdot 6H_2O$	A	1964-023	Italy	<i>Accademia Nazionale dei Lincei, Rendiconti della Classe di Scienze Fisiche, Matematiche e Naturali, Serie VIII</i> <b>36</b> (1964), 524	<i>Acta Crystallographica</i> <b>22</b> (1967), 775
Moissanite	SiC	G	1905	USA (meteorite)	<i>American Journal of Science</i> <b>19</b> (1905), 396	<i>American Mineralogist</i> <b>92</b> (2007), 403
Mojaveite	$Cu_6[Te^{6+}O_4(OH)_2](OH)_7Cl$	A	2013-120	USA	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1325	
Molinelloite	$Cu(H_2O)(OH)V^{4+}O(V^{5+}O_4)$	A	2016-055	Italy	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Moluranite	$H_4U^{4+}(UO_2)_3(MoO_4)_7 \cdot 18H_2O$	G	1959	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>88</b> (1959), 564	
Molybdenite	MoS <sub>2</sub>	G	1796	unknown	<i>Elements of Mineralogy, Vol. 2.</i> Elmsly, London (1796), 319	<i>American Mineralogist</i> <b>55</b> (1970), 1857
Molybdite	MoO <sub>3</sub>	Rd	1963 s.p.	Czech Republic	<i>Acta Universitatis Carolinae Geologica</i> <b>1</b> (1963), 1	
Molybdoformacite	$CuPb_2(MoO_4)(AsO_4)(OH)$	A	1982-062	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 289	
Molybdomenite	$PbSe^{4+}O_3$	Rn	2007 s.p.	Argentina	<i>Bulletin de la Société Minéralogique de France</i> <b>5</b> (1882), 90	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2003), 145

Molybdophyllite	$\text{Pb}_8\text{Mg}_9[\text{Si}_{10}\text{O}_{28}(\text{OH})_8\text{O}_2(\text{CO}_3)_3]\cdot\text{H}_2\text{O}$	G	1901	Sweden	<i>Bulletin of the Geological Institution of the University of Upsala</i> <b>5</b> (1901), 81	<i>Mineralogical Magazine</i> <b>76</b> (2012), 493
Molysite	$\text{FeCl}_3$	G	1868	Italy	A System of Mineralogy, 5th ed. (1868), 118	<i>Journal of Applied Crystallography</i> <b>22</b> (1989), 173
Momoiite	$\text{Mn}^{2+}_3\text{V}^{3+}_2(\text{SiO}_4)_3$	A	2009-026	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>105</b> (2010), 92	
Monazite-(Ce)	$\text{Ce}(\text{PO}_4)$	Rn	1987 s.p.	Russia	<i>Journal für Chemie und Physik</i> <b>55</b> (1829), 301	<i>American Mineralogist</i> <b>80</b> (1995), 21
Monazite-(La)	$\text{La}(\text{PO}_4)$	Rn	1966 s.p.	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>49</b> (1945), 353	<i>American Mineralogist</i> <b>80</b> (1995), 21
Monazite-(Nd)	$\text{Nd}(\text{PO}_4)$	A	1986-052	Italy	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>67</b> (1987), 103	<i>American Mineralogist</i> <b>80</b> (1995), 21
Monazite-(Sm)	$\text{Sm}(\text{PO}_4)$	A	2001-001	Canada	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1649	<i>American Mineralogist</i> <b>80</b> (1995), 21
Moncheite	$\text{Pt}(\text{Te},\text{Bi})_2$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 33	<i>Geochimica</i> (1975), 184
Monetite	$\text{Ca}(\text{PO}_3\text{OH})$	G	1882	Puerto Rico	<i>American Journal of Science</i> <b>23</b> (1882), 400	<i>Acta Crystallographica</i> <b>B33</b> (1977), 1223
Mongolite	$\text{Ca}_4\text{Nb}_6\text{Si}_5\text{O}_{24}(\text{OH})_{10}\cdot 6\text{H}_2\text{O}$	A	1983-027	Mongolia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 374	
Monimolite	$\text{Pb}_2\text{Sb}^{5+}_2\text{O}_7$	Q	2013 s.p.	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>22</b> (1865), 227	
Monipite	$\text{MoNiP}$	A	2007-033	Mexico (meteorite)	<i>American Mineralogist</i> <b>99</b> (2014), 198	<i>Acta Crystallographica</i> <b>B33</b> (1977), 2820
Monohydrocalcite	$\text{Ca}(\text{CO}_3)\cdot\text{H}_2\text{O}$	G	1964	Kyrgyzstan	<i>Kristallografiya</i> <b>9</b> (1964), 109	<i>American Mineralogist</i> <b>93</b> (2008), 1014
Montanite	$\text{Bi}^{3+}_2\text{Te}^{6+}\text{O}_6\cdot 2\text{H}_2\text{O}$	Q	1868	USA	<i>American Journal of Science</i> <b>45</b> (1868), 318	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>255</b> (1980), 968
Montbrayite	$(\text{Au},\text{Sb})_2\text{Te}_3$	G	1946	Canada	<i>American Mineralogist</i> <b>31</b> (1946), 515	<i>Nature Physical Science</i> <b>231</b> (1971), 67
Montdorite	$\text{KFe}^{2+}_{1.5}\text{Mn}^{2+}_{0.5}\text{Mg}_{0.5}\text{Si}_4\text{O}_{10}(\text{F},\text{OH})_2$	Rd	1998 s.p.	France	<i>Contributions to Mineralogy and Petrology</i> <b>68</b> (1979), 117	<i>Canadian Mineralogist</i> <b>36</b> (1998), 905
Montebrasite	$\text{LiAl}(\text{PO}_4)(\text{OH})$	G	1871	France	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>73</b> (1871), 306	<i>American Mineralogist</i> <b>75</b> (1990), 992
Monteponite	$\text{CdO}$	G	1946	Italy	<i>Economic Geology</i> <b>41</b> (1946), 761	<i>Physics and Chemistry of Minerals</i> <b>26</b> (1999), 644
Monteregianite-(Y)	$\text{KNa}_2\text{YSi}_8\text{O}_{19}\cdot 5\text{H}_2\text{O}$	A	1972-026	Canada	<i>Canadian Mineralogist</i> <b>16</b> (1978), 561	<i>American Mineralogist</i> <b>72</b> (1987), 365
Montesommaite	$\text{K}_9(\text{Si}_{23}\text{Al}_9)\text{O}_{64}\cdot 10\text{H}_2\text{O}$	A	1988-038	Italy	<i>American Mineralogist</i> <b>75</b> (1990), 1415	
Montetrisaite	$\text{Cu}_6(\text{SO}_4)(\text{OH})_{10}\cdot 2\text{H}_2\text{O}$	A	2007-009	Italy	<i>Canadian Mineralogist</i> <b>47</b> (2009), 143	
Montgomeryite	$\text{Ca}_4\text{MgAl}_4(\text{PO}_4)_6(\text{OH})_4\cdot 12\text{H}_2\text{O}$	G	1940	USA	<i>American Mineralogist</i> <b>25</b> (1940), 315	<i>American Mineralogist</i> <b>59</b> (1974), 843
Monticellite	$\text{CaMg}(\text{SiO}_4)$	G	1831	Italy	<i>Philosophical Magazine</i> <b>10</b> (1831), 256	<i>American Mineralogist</i> <b>72</b> (1987), 748
Montmorillonite	$(\text{Na},\text{Ca})_{0.3}(\text{Al},\text{Mg})_2\text{Si}_4\text{O}_{10}(\text{OH})_2\cdot n\text{H}_2\text{O}$	G	1847	France	<i>Bulletin de la Société Géologique de France</i> <b>4</b> (1847), 168	<i>Physics and Chemistry of Minerals</i> <b>35</b> (2008), 49
Montroseite	$(\text{V}^{3+},\text{Fe}^{2+},\text{V}^{4+})\text{O}(\text{OH})$	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 1235	<i>American Mineralogist</i> <b>40</b> (1955), 861
Montroyalite	$\text{Sr}_4\text{Al}_8(\text{CO}_3)_3(\text{OH})_{26}\cdot 10\text{H}_2\text{O}$	A	1985-001	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 455	

Montroydite	HgO	G	1903	USA	<i>American Journal of Science</i> <b>16</b> (1903), 259	<i>Acta Chemica Scandinavica</i> <b>18</b> (1964), 1305
Mooihoekite	Cu <sub>9</sub> Fe <sub>9</sub> S <sub>16</sub>	A	1971-019	South Africa	<i>American Mineralogist</i> <b>57</b> (1972), 689	<i>Acta Crystallographica</i> <b>B29</b> (1973), 2365
Moolooite	Cu(C <sub>2</sub> O <sub>4</sub> )·nH <sub>2</sub> O	A	1980-082	Australia	<i>Mineralogical Magazine</i> <b>50</b> (1986), 295	<i>Inorganic Chemistry</i> <b>19</b> (1980), 2074
Mooreite	Mg <sub>15</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>26</sub> ·8H <sub>2</sub> O	G	1929	USA	<i>American Mineralogist</i> <b>14</b> (1929), 165	<i>Acta Crystallographica</i> <b>B36</b> (1980), 1304
Moorhouseite	Co(SO <sub>4</sub> )·6H <sub>2</sub> O	A	1963-008	Canada	<i>Canadian Mineralogist</i> <b>8</b> (1965), 166	<i>Acta Crystallographica</i> <b>C44</b> (1988), 599
Mopungite	NaSb <sup>5+</sup> (OH) <sub>6</sub>	A	1982-020	USA	<i>Mineralogical Record</i> <b>16</b> (1985): 73	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 431
Moraesite	Be <sub>2</sub> (PO <sub>4</sub> )(OH)·4H <sub>2</sub> O	G	1953	Brazil	<i>American Mineralogist</i> <b>38</b> (1953), 1126	<i>Zeitschrift für Kristallographie</i> <b>201</b> (1992), 253
Moraskoite	Na <sub>2</sub> Mg(PO <sub>4</sub> )F	A	2013-084	Poland (meteorite)	<i>Mineralogical Magazine</i> <b>79</b> (2015), 387	
Mordenite	(Na <sub>2</sub> ,Ca,K <sub>2</sub> ) <sub>4</sub> (Al <sub>8</sub> Si <sub>40</sub> )O <sub>96</sub> ·28H <sub>2</sub> O	A	1997 s.p.	Canada	<i>Journal of the Chemical Society</i> <b>17</b> (1864), 100	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 485
Moreauite	Al <sub>3</sub> (UO <sub>2</sub> )(PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>2</sub> ·13H <sub>2</sub> O	A	1984-010	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>108</b> (1985), 9	
Morelandite	Ca <sub>2</sub> Ba <sub>3</sub> (AsO <sub>4</sub> ) <sub>3</sub> Cl	A	1977-035	Sweden	<i>Canadian Mineralogist</i> <b>16</b> (1978), 601	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 163
Morenosite	Ni(SO <sub>4</sub> )·7H <sub>2</sub> O	G	1850	Spain	A System of Mineralogy, 3rd ed. Wiley, New York (1850), 679	<i>Acta Crystallographica</i> <b>B53</b> (1997), 325
Morimotoite	Ca <sub>3</sub> (TiFe <sup>2+</sup> )(SiO <sub>4</sub> ) <sub>3</sub>	A	1992-017	Japan	<i>Mineralogical Magazine</i> <b>59</b> (1995), 115	
Morinite	NaCa <sub>2</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH)F <sub>4</sub> ·2H <sub>2</sub> O	A	1967 s.p.	France	<i>Bulletin de la Société Française de Minéralogie</i> <b>14</b> (1891), 187	<i>Canadian Mineralogist</i> <b>17</b> (1979), 93
Morozeviczite	Pb <sub>3</sub> Ge <sub>1-x</sub> S <sub>4</sub>	A	1974-036	Poland	<i>Rudy i Metale Niezależne</i> <b>20</b> (1975), 288	
Morrisonite	Ca <sub>11</sub> (As <sup>3+</sup> V <sup>4+</sup> <sub>2</sub> V <sup>5+</sup> <sub>10</sub> As <sup>5+</sup> <sub>6</sub> O <sub>51</sub> ) <sub>2</sub> ·78H <sub>2</sub> O	A	2014-088	USA	<i>Canadian Mineralogist</i> <b>54</b> (2016), 145	
Mosandrite-(Ce)	(Ca <sub>3</sub> REE)[(H <sub>2</sub> O) <sub>2</sub> Ca <sub>0.5</sub> □ <sub>0.5</sub> ]Ti(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub>	Rd	2016 s.p.	Norway	<i>Jahres-Bericht über die Fortschritte der Chemie und Mineralogie</i> <b>21</b> (1842), 178	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2753
Moschelite	HgI	A	1987-038	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 524	<i>Acta Crystallographica</i> <b>E68</b> (2012), i11
Moschellandsbergite	Ag <sub>2</sub> Hg <sub>3</sub>	G	1938	Germany	<i>American Mineralogist</i> <b>23</b> (1938), 761	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 903
Mosesite	(Hg <sub>2</sub> N)Cl	G	1910	USA	<i>American Journal of Science</i> <b>30</b> (1910), 202	<i>American Mineralogist</i> <b>38</b> (1953), 1225
Moskvinit-(Y)	Na <sub>2</sub> KYSi <sub>6</sub> O <sub>15</sub>	A	2002-031	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(6)</b> (2003), 15	<i>Mineralogical Magazine</i> <b>80</b> (2016), 31
Mössbauerite	Fe <sup>3+</sup> <sub>6</sub> O <sub>4</sub> (OH) <sub>8</sub> (CO <sub>3</sub> )·3H <sub>2</sub> O	A	2012-049	France	<i>Mineralogical Magazine</i> <b>78</b> (2014), 447	
Mottanaite-(Ce)	Ca <sub>4</sub> (CeCa)AlBe <sub>2</sub> (Si <sub>4</sub> B <sub>4</sub> O <sub>22</sub> )O <sub>2</sub>	A	2001-020	Italy	<i>American Mineralogist</i> <b>87</b> (2002), 739	
Mottramite	PbCu(VO <sub>4</sub> )(OH)	G	1876	United Kingdom	<i>Proceedings of the Royal Society of London</i> <b>25</b> (1876), 109	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1119
Motukoreaite	Mg <sub>6</sub> Al <sub>3</sub> (OH) <sub>18</sub> [Na(H <sub>2</sub> O) <sub>6</sub> ](SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	Q	1976-033	New Zealand	<i>Mineralogical Magazine</i> <b>41</b> (1977), 389	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 263
Mounanaite	PbFe <sup>3+</sup> <sub>2</sub> (VO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	A	1968-031	Gabon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>92</b> (1969), 196	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 179



Mountainite	$\text{KNa}_2\text{Ca}_2[\text{Si}_8\text{O}_{19}(\text{OH})]\cdot 6\text{H}_2\text{O}$	G	1957	South Africa	<i>Mineralogical Magazine</i> <b>31</b> (1957), 611	<i>Zeitschrift für Kristallographie</i> <b>224</b> (2009), 389
Mountkeithite	$(\text{Mg}_{1-x}\text{Fe}^{3+}_x)(\text{SO}_4)_{x/2}(\text{OH})_2\cdot n\text{H}_2\text{O}$ ( $x < 0.5$ , $n > 3x/2$ )	A	1980-038	Australia	<i>Mineralogical Magazine</i> <b>44</b> (1981), 345	
Mourite	$(\text{UO}_2)(\text{Mo}^{6+})_5\text{O}_{16}\cdot 5\text{H}_2\text{O}$	A	1967 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 67	<i>Geokhimia</i> <b>10</b> (1980), 1557
Moydite-(Y)	$\text{YB}(\text{OH})_4(\text{CO}_3)$	A	1985-025	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 665	<i>Canadian Mineralogist</i> <b>24</b> (1986), 675
Mozartite	$\text{CaMn}^{3+}(\text{SiO}_4)(\text{OH})$	A	1991-016	Italy	<i>Canadian Mineralogist</i> <b>31</b> (1993), 331	<i>American Mineralogist</i> <b>82</b> (1997), 841
Mozgovaite	$\text{PbBi}_4(\text{S}, \text{Se})_7$	A	1998-060	Italy	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1499	
Mpororoite	$\text{Al}_2\text{O}(\text{WO}_4)_2\cdot 6\text{H}_2\text{O}$	A	1970-037	Uganda	<i>Bulletin of the Geological Society of Finland</i> <b>44</b> (1972), 107	<i>Mineralogical Magazine</i> <b>48</b> (1984), 397
Mrázekite	$\text{Bi}_2\text{Cu}_3(\text{PO}_4)_2\text{O}_2(\text{OH})_2\cdot 2\text{H}_2\text{O}$	A	1990-045	Slovakia	<i>Canadian Mineralogist</i> <b>30</b> (1992), 215	<i>Canadian Mineralogist</i> <b>32</b> (1994), 365
Mroseite	$\text{CaTe}^{4+}\text{O}_2(\text{CO}_3)$	A	1974-032	Mexico	<i>Canadian Mineralogist</i> <b>13</b> (1975), 286	<i>Canadian Mineralogist</i> <b>13</b> (1975), 383
Mückeite	$\text{CuNiBiS}_3$	A	1988-018	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 193	<i>Acta Crystallographica</i> <b>C46</b> (1990), 127
Muirite	$\text{Ba}_{10}\text{Ca}_2\text{Mn}^{2+}\text{TiSi}_{10}\text{O}_{30}(\text{OH}, \text{Cl}, \text{F})_{10}$	A	1964-013	USA	<i>American Mineralogist</i> <b>50</b> (1965), 1314	<i>Doklady Akademii Nauk SSSR</i> <b>221</b> (1975), 343
Mukhinite	$\text{Ca}_2(\text{Al}_2\text{V}^{3+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	A	1968-035	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>185</b> (1969), 1342	
Mullite	$\text{Al}_{4+2x}\text{Si}_{2-2x}\text{O}_{10-x}$ ( $x \approx 0.4$ )	G	1924	United Kingdom	<i>Journal of the Washington Academy of Sciences</i> <b>14</b> (1924), 183	<i>American Mineralogist</i> <b>76</b> (1991), 332
Mummeite	$\text{Cu}_{0.58}\text{Ag}_{3.11}\text{Pb}_{1.10}\text{Bi}_{6.65}\text{S}_{13}$	A	1986-025	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 555	
Munakataite	$\text{Pb}_2\text{Cu}_2(\text{Se}^{4+}\text{O}_3)(\text{SO}_4)(\text{OH})_4$	A	2007-012	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>103</b> (2008), 327	<i>Mineralogical Magazine</i> <b>74</b> (2010), 991
Mundite	$\text{Al}(\text{UO}_2)_3(\text{PO}_4)_2(\text{OH})_3\cdot 5.5\text{H}_2\text{O}$	A	1980-075	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 669	
Mundrabbillite	$(\text{NH}_4)_2\text{Ca}(\text{PO}_3\text{OH})_2\cdot \text{H}_2\text{O}$	A	1978-058	Australia	<i>Mineralogical Magazine</i> <b>47</b> (1983), 80	
Munirite	$\text{NaV}^{5+}\text{O}_3\cdot 1.9\text{H}_2\text{O}$	A	1982-038	Pakistan	<i>Mineralogical Magazine</i> <b>47</b> (1983), 391	<i>Acta Chemica Scandinavica</i> <b>A31</b> (1979), 579
Murakamiite	$\text{Ca}_2\text{LiSi}_3\text{O}_8(\text{OH})$	A	2016-066	Japan	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Murashkoite	$\text{FeP}$	A	2012-071	Israel	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Murataite-(Y)	$(\text{Y}, \text{Na})_6\text{Zn}(\text{Zn}, \text{Fe}^{3+})_4(\text{Ti}, \text{Nb}, \text{Na})_{12}\text{O}_{29}(\text{O}, \text{F}, \text{OH})_{10}\text{F}_4$	A	1972-007	USA	<i>American Mineralogist</i> <b>59</b> (1974), 172	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1223
Murchisite	$\text{Cr}_5\text{S}_6$	A	2010-003	Australia (meteorite)	<i>American Mineralogist</i> <b>96</b> (2011), 1905	
Murdochite	$\text{Cu}_{12}\text{Pb}_2\text{O}_{15}\text{Cl}_2$	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 905	<i>Acta Crystallographica</i> <b>C39</b> (1983), 1143
Murmanite	$\text{Na}_2\text{Ti}_2\text{Na}_2\text{Ti}_2(\text{Si}_2\text{O}_7)_2\text{O}_4(\text{H}_2\text{O})_4$	Rd	2016 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>52</b> (1930), 731	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1207
Murunskite	$\text{K}_2(\text{Cu}, \text{Fe})_4\text{S}_4$	A	1980-064	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 468	<i>Doklady Akademii Nauk, Earth Science Section</i> <b>424</b> (2009), 139
Muscovite	$\text{KAl}_2(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2$	A	1998 s.p.	unknown	A System of Mineralogy, 3rd ed. Putnam, New York (1859), 356	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1017

Museumite	$[\text{Pb}_2(\text{Pb},\text{Sb})_2\text{S}_8][(\text{Te},\text{Au})_2]$	A	2003-039	Romania	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 835	
Mushistonite	$\text{Cu}^{2+}\text{Sn}^{4+}(\text{OH})_6$	A	1982-068	Tajikistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 612	<i>Journal of Solid State Chemistry</i> <b>17</b> (1976), 399
Muskoxite	$\text{Mg}_7\text{Fe}^{3+}_4(\text{OH})_{26}\cdot\text{H}_2\text{O}$ (?)	Q	1967-043	Canada	<i>American Mineralogist</i> <b>54</b> (1969), 684	
Muthmannite	$\text{AuAgTe}_2$	G	1911	Romania	<i>Zeitschrift für Kristallographie</i> <b>49</b> (1911), 246	<i>American Mineralogist</i> <b>89</b> (2004), 1505
Mutinaite	$\text{Na}_3\text{Ca}_4\text{Al}_{11}\text{Si}_{85}\text{O}_{192}\cdot 60\text{H}_2\text{O}$	A	1996-025	Antarctica	<i>Zeolites</i> <b>19</b> (1997), 318	<i>Zeolites</i> <b>19</b> (1997), 323
Mutnovskite	$\text{Pb}_2\text{AsS}_3(\text{I},\text{Cl},\text{Br})$	A	2004-032	Russia	<i>American Mineralogist</i> <b>91</b> (2006), 21	<i>Journal of Solid State Chemistry</i> <b>18</b> (2008), 306
Nabalamprophyllite	$(\text{BaNa})\text{Ti}_2\text{Na}_3\text{Ti}(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2$	Rd	2001-060	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(1)</b> (2004), 59	<i>Doklady Chemistry</i> <b>368</b> (228), 228
Nabaphite	$\text{NaBa}(\text{PO}_4)\cdot 9\text{H}_2\text{O}$	A	1981-058	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>266</b> (1982), 707	<i>Doklady Akademii Nauk SSSR</i> <b>266</b> (1982), 624
Nabesite	$\text{Na}_2\text{BeSi}_4\text{O}_{10}\cdot 4\text{H}_2\text{O}$	A	2000-024	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>40</b> (2002), 173	<i>American Mineralogist</i> <b>95</b> (2010), 519
Nabiasite	$\text{BaMn}_9(\text{VO}_4)_6(\text{OH})_2$	A	1997-050	France	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 879	
Nabimusaite	$\text{KCa}_{12}(\text{SiO}_4)_4(\text{SO}_4)_2\text{O}_2\text{F}$	A	2012-057	Israel	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1061	
Nabokoite	$\text{Cu}_7\text{Te}^{4+}\text{O}_4(\text{SO}_4)_5\cdot \text{KCl}$	A	1985-013a	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 358	<i>Mineralogy and Petrology</i> <b>38</b> (1998), 291
Nacaphite	$\text{Na}_2\text{Ca}(\text{PO}_4)\text{F}$	A	1979-026	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 50	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1275
Nacareniobsite-(Ce)	$(\text{Ca}_3\text{REE})\text{Na}_3\text{Nb}(\text{Si}_2\text{O}_7)_2(\text{OF})\text{F}_2$	Rd	1987-040	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 84	<i>Canadian Mineralogist</i> <b>51</b> (2013), 313
Nacrite	$\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$	G	1807	Germany	Traité Élémentaire de Minéralogie. Crapelet, Paris (1807), 505	<i>Crystallography Reports</i> <b>53</b> (2008), 76
Nadorite	$\text{PbSb}^{3+}\text{O}_2\text{Cl}$	G	1870	Algeria	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>71</b> (1870), 237	<i>Periodico di Mineralogia</i> <b>42</b> (1973), 335
Nafertisite	$\text{Na}_3\text{Fe}^{2+}_{10}\text{Ti}_2(\text{Si}_6\text{O}_{17})_2\text{O}_2(\text{OH})_6\text{F}(\text{H}_2\text{O})_2$	A	1994-007	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(6)</b> (1995), 101	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 667
Nagashimalite	$\text{Ba}_4(\text{V}^{3+},\text{Ti})_4(\text{O},\text{OH})_2[\text{B}_2\text{Si}_8\text{O}_{27}]\text{Cl}$	A	1977-045	Japan	<i>Mineralogical Journal</i> <b>10</b> (1980), 122	<i>Mineralogical Journal</i> <b>10</b> (1980), 131
Nagelschmidite	$\text{Ca}_7(\text{SiO}_4)_2(\text{PO}_4)_2$	A	1987 s.p.	Israel	<i>Geological Survey of Israel, Bulletin</i> <b>70</b> (1977), 1	
Nagyágite	$[\text{Pb}_3(\text{Pb},\text{Sb})_3\text{S}_6](\text{Au},\text{Te})_3$	G	1845	Romania	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 563	<i>American Mineralogist</i> <b>84</b> (1999), 669
Nahcolite	$\text{NaH}(\text{CO}_3)$	G	1929	Italy	<i>Atti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Serie III</i> <b>3</b> (1929), 223	<i>Acta Crystallographica</i> <b>15</b> (1962), 77
Nahpoite	$\text{Na}_2(\text{PO}_3\text{OH})$	A	1981-002	Canada	<i>Canadian Mineralogist</i> <b>19</b> (1981), 373	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>501</b> (1983), 95

Nakauriite	$\text{Cu}_8(\text{SO}_4)_4(\text{CO}_3)(\text{OH})_6 \cdot 48\text{H}_2\text{O}$	A	1976-016	Japan	<i>Journal of the Japanese Association of Mineralogists, Petrologists, and Economic Geologists</i> <b>71</b> (1976), 183	
Naldrettite	$\text{Pd}_2\text{Sb}$	A	2004-007	Canada	<i>Mineralogical Magazine</i> <b>69</b> (2005), 89	<i>Journal of the Less-Common Metals</i> <b>19</b> (1969), 300
Nalipoite	$\text{NaLi}_2(\text{PO}_4)$	A	1990-030	Canada	<i>Canadian Mineralogist</i> <b>29</b> (1991), 565	<i>Canadian Mineralogist</i> <b>29</b> (1991), 569
Nalivkinite	$\text{Li}_2\text{NaFe}^{2+}_7\text{Ti}_2(\text{Si}_4\text{O}_{12})_2\text{O}_2(\text{OH})_4\text{F}(\text{H}_2\text{O})_2$	A	2006-038	Tajikistan	<i>Canadian Mineralogist</i> <b>46</b> (2008), 651	<i>Canadian Mineralogist</i> <b>54</b> (2016), 33
Namansilite	$\text{NaMn}^{3+}\text{Si}_2\text{O}_6$	A	1989-026	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(1)</b> (1992), 89	<i>Mineralogical Magazine</i> <b>57</b> (1993), 533
Nambulite	$\text{LiMn}^{2+}_4\text{Si}_5\text{O}_{14}(\text{OH})$	A	1971-032	Japan	<i>Mineralogical Journal</i> <b>7</b> (1972), 29	<i>American Mineralogist</i> <b>99</b> (2014), 1462
Namibite	$\text{Cu}(\text{BiO})_2(\text{VO}_4)(\text{OH})$	A	1981-024	Namibia	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>61</b> (1981), 7	<i>American Mineralogist</i> <b>85</b> (2000), 1298
Namuwite	$\text{Zn}_4(\text{SO}_4)(\text{OH})_6 \cdot 4\text{H}_2\text{O}$	A	1981-020	United Kingdom	<i>Mineralogical Magazine</i> <b>46</b> (1982), 51	<i>American Mineralogist</i> <b>81</b> (1996), 238
Nanlingite	$\text{Na}(\text{Ca}_5\text{Li})\text{Mg}_{12}(\text{AsO}_3)_2[\text{Fe}^{2+}(\text{AsO}_3)_6]\text{F}_{14}$	A	1985-xxx ?	China	<i>Geochimica</i> <b>2</b> (1976), 107	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 63
Nanpingite	$\text{CsAl}_2(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2$	A	1987-006	China	<i>Acta Petrologica et Mineralogica</i> <b>7</b> (1988), 49	<i>American Mineralogist</i> <b>81</b> (1996), 105
Nantokite	$\text{CuCl}$	G	1868	Chile	<i>Berg- und Hüttenmännische Zeitung</i> <b>27</b> (1868), 3	<i>Physical Review B</i> <b>50</b> (1994), 5868
Naquite	$\text{FeSi}$	A	2010-010	China	<i>Acta Geologica Sinica</i> <b>86</b> (2012), 553	
Narsarsukite	$\text{Na}_2(\text{Ti}, \text{Fe}^{3+})\text{Si}_4(\text{O}, \text{F})_{11}$	A	1967 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 154	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 143
Nashite	$\text{Na}_3\text{Ca}_2[(\text{V}^{4+}\text{V}^{5+}_9)\text{O}_{28}] \cdot 24\text{H}_2\text{O}$	A	2011-105	USA	<i>Canadian Mineralogist</i> <b>51</b> (2013), 27	
Nasinite	$\text{Na}_2\text{B}_5\text{O}_8(\text{OH}) \cdot 2\text{H}_2\text{O}$	A	1967 s.p.	Italy	<i>Accademia Nazionale dei Lincei, Rendiconti della Classe di Scienze Fisiche, Matematiche e Naturali, Serie VIII</i> <b>30</b> (1962), 74	<i>Acta Crystallographica</i> <b>B31</b> (1975), 2405
Nasledovite	$\text{PbMn}^{2+}_3\text{Al}_4\text{O}_5(\text{SO}_4)(\text{CO}_3)_4 \cdot 5\text{H}_2\text{O}$	Q	1958	Tajikistan	<i>Doklady Akademii Nauk Uzbekistan SSR</i> <b>5</b> (1958), 13	
Nasonite	$\text{Ca}_4\text{Pb}_6(\text{Si}_2\text{O}_7)_3\text{Cl}_2$	G	1899	USA	<i>American Journal of Science</i> <b>8</b> (1899), 339	<i>American Mineralogist</i> <b>56</b> (1971), 1174
Nastrophite	$\text{NaSr}(\text{PO}_4) \cdot 9\text{H}_2\text{O}$	A	1980-051	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 604	<i>Soviet Physics Doklady</i> <b>26</b> (1981), 1023
Nataliyamalikite	TII	A	2016-022	Russia	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Natalyite	$\text{NaV}^{3+}\text{Si}_2\text{O}_6$	A	1984-053	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 630	<i>American Mineralogist</i> <b>87</b> (2002), 709
Natanite	$\text{Fe}^{2+}\text{Sn}^{4+}(\text{OH})_6$	A	1980-028	Tajikistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 492	<i>Acta Crystallographica</i> <b>13</b> (1960), 601
Natisite	$\text{Na}_2\text{TiO}(\text{SiO}_4)$	A	1974-035	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 314	<i>Acta Crystallographica</i> <b>B34</b> (1978), 905
Natrite	$\text{Na}_2(\text{CO}_3)$	A	1981-005	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 220	<i>American Mineralogist</i> <b>95</b> (2010), 574

Natroalunite	$\text{NaAl}_3(\text{SO}_4)_2(\text{OH})_6$	Rd	1987 s.p.	USA	<i>American Journal of Science</i> <b>164</b> (1902), 211	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1982), 534
Natroboltwoodite	$\text{Na}(\text{UO}_2)(\text{SiO}_3\text{OH})\cdot\text{H}_2\text{O}$	Rn	2007 s.p.	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>221</b> (1975), 195	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1069
Natrochalcite	$\text{NaCu}_2(\text{SO}_4)_2(\text{OH})\cdot\text{H}_2\text{O}$	G	1908	Chile	<i>American Journal of Science</i> <b>176</b> (1908), 342	<i>Zeitschrift für Kristallographie</i> <b>206</b> (1993), 7
Natrodufrénite	$\text{NaFe}^{2+}\text{Fe}^{3+}_5(\text{PO}_4)_4(\text{OH})_6\cdot 2\text{H}_2\text{O}$	A	1981-033	France	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 321	
Natroglaucocerinite	$\text{Zn}_6\text{Al}_3(\text{OH})_{18}[\text{Na}(\text{H}_2\text{O})_6](\text{SO}_4)_2\cdot 6\text{H}_2\text{O}$	Q	1995-025	Greece	nyp	<i>Zeitschrift für Kristallographie, suppl.</i> <b>9</b> (1995), 252
Natrojarosite	$\text{NaFe}^{3+}_3(\text{SO}_4)_2(\text{OH})_6$	Rd	1987 s.p.	USA	<i>American Journal of Science</i> <b>14</b> (1902), 211	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2775
Natrolemonite	$\text{Na}_4\text{Zr}_2\text{Si}_{10}\text{O}_{26}\cdot 9\text{H}_2\text{O}$	A	1996-063	Canada	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1295	
Natrolite	$\text{Na}_2(\text{Si}_3\text{Al}_2)\text{O}_{10}\cdot 2\text{H}_2\text{O}$	A	1997 s.p.	Germany	<i>Gesellschaft Naturforschender Freunde zu Berlin, Neue Schriften</i> <b>4</b> (1803), 957	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 305
Natron	$\text{Na}_2(\text{CO}_3)\cdot 10\text{H}_2\text{O}$	A	1967 s.p.	unknown	<i>Mineralogia, eller Mineralriktet. Salvius, Stockholm</i> (1747), 174	<i>Acta Crystallographica</i> <b>B25</b> (1969), 2656
Natronambulite	$\text{NaMn}^{2+}_4\text{Si}_5\text{O}_{14}(\text{OH})$	A	1981-034	Japan	<i>Mineralogical Journal</i> <b>12</b> (1985), 332	<i>American Mineralogist</i> <b>99</b> (2014), 1462
Natroniobite	$\text{NaNbO}_3$	Q	1960	Russia	<i>Vses. Nauchno-Issled. Geol. Inst.</i> (1960) 114	
Natropalermoite	$\text{Na}_2\text{SrAl}_4(\text{PO}_4)_4(\text{OH})_4$	A	2013-118	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 833	
Natropharmacoalumite	$\text{NaAl}_4(\text{AsO}_4)_3(\text{OH})_4\cdot 4\text{H}_2\text{O}$	A	2010-009	Spain	<i>Mineralogical Magazine</i> <b>74</b> (2010), 929	
Natropharmacosiderite	$\text{Na}_2\text{Fe}^{3+}_4(\text{AsO}_4)_3(\text{OH})_5\cdot 7\text{H}_2\text{O}$	Rn	1983-025	Australia	<i>Mineralogical Record</i> <b>16</b> (1985), 121	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1477
Natrophillite	$\text{NaMn}^{2+}(\text{PO}_4)$	G	1890	USA	<i>American Journal of Science</i> <b>39</b> (1890), 205	<i>American Mineralogist</i> <b>57</b> (1972), 1333
Natrophosphate	$\text{Na}_7(\text{PO}_4)_2\text{F}\cdot 19\text{H}_2\text{O}$	A	1971-041	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>101</b> (1972), 80	<i>Kristallografiya</i> <b>37</b> (1992), 1559
Natrosilite	$\text{Na}_2\text{Si}_2\text{O}_5$	A	1974-043	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 317	<i>Acta Crystallographica</i> <b>B24</b> (1968), 1077
Natrotantite	$\text{Na}_2\text{Ta}_4\text{O}_{11}$	A	1980-026	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 338	<i>Bulletin de Minéralogie</i> <b>108</b> (1985), 541
Natrotitanite	$(\text{Na}_{0.5}\text{Y}_{0.5})\text{TiO}(\text{SiO}_4)$	A	2011-033	Kazakhstan	<i>Mineralogical Magazine</i> <b>76</b> (2012), 37	
Natrourosopinite	$\text{Na}_2(\text{UO}_2)_2(\text{AsO}_4)_2\cdot 5\text{H}_2\text{O}$	Rn	2007 s.p.	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>114</b> (1957), 634	
Natroxalate	$\text{Na}_2(\text{C}_2\text{O}_4)$	A	1994-053	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(1)</b> (1996), 126	<i>Acta Crystallographica</i> <b>B37</b> (1981), 938
Natrozippeite	$\text{Na}_5(\text{UO}_2)_8(\text{SO}_4)_4\text{O}_5(\text{OH})_3\cdot 12\text{H}_2\text{O}$	A	1971-004	USA	<i>Canadian Mineralogist</i> <b>14</b> (1976), 429	<i>Canadian Mineralogist</i> <b>41</b> (2003), 687
Naujakasite	$\text{Na}_6\text{Fe}^{2+}\text{Al}_4\text{Si}_8\text{O}_{26}$	G	1933	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>92(9)</b> (1933), 1	<i>Gronlands Geologiske Undersogelse Bulletin</i> <b>116</b> (1975), 11
Naumannite	$\text{Ag}_2\text{Se}$	G	1828	Germany	<i>Annalen der Physik und Chemie</i> <b>14</b> (1828), 471	<i>Acta Crystallographica</i> <b>E67</b> (2011), i45
Navajoite	$(\text{V}^{5+}, \text{Fe}^{3+})_{10}\text{O}_{24}\cdot 12\text{H}_2\text{O}$	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 207	<i>American Mineralogist</i> <b>75</b> (1990), 508
Nchwaningite	$\text{Mn}_2\text{SiO}_3(\text{OH})_2\cdot \text{H}_2\text{O}$	A	1994-002	South Africa	<i>American Mineralogist</i> <b>80</b> (1995), 377	
Nealite	$\text{Pb}_4\text{Fe}(\text{AsO}_3)_2\text{Cl}_4\cdot 2\text{H}_2\text{O}$	A	1979-050	Greece	<i>Mineralogical Record</i> <b>11</b> (1980), 299	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 193

Nechelyustovite	$(\text{Na}\square)\square_2\text{Ba}_4\text{Ti}_4\text{Nb}_4(\text{Na}_{11}\square)\text{Ti}_4(\text{Si}_2\text{O}_7)_8\text{O}_8(\text{OH})_8(\text{H}_2\text{O})_{12}$	Rd	2006-021	Russia	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 251	<i>Mineralogical Magazine</i> <b>73</b> (2009), 753
Nefedovite	$\text{Na}_5\text{Ca}_4(\text{PO}_4)_4\text{F}$	A	1982-048	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 479	<i>Doklady Akademii Nauk SSSR</i> <b>278</b> (1984), 353
Negevite	$\text{NiP}_2$	A	2013-104	Israel	CNMNC Newsletter 19 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 165	
Neighborite	$\text{NaMgF}_3$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>46</b> (1961), 379	<i>Physics and Chemistry of Minerals</i> <b>34</b> (2007), 705
Nekoite	$\text{Ca}_3\text{Si}_6\text{O}_{15}\cdot 7\text{H}_2\text{O}$	G	1956	USA	<i>Mineralogical Magazine</i> <b>31</b> (1956), 5	<i>American Mineralogist</i> <b>65</b> (1980), 1270
Nekrasovite	$\text{Cu}_{13}\text{VSn}_3\text{S}_{16}$	A	1983-051	Uzbekistan	<i>Mineralogicheskii Zhurnal</i> <b>6(2)</b> (1984), 88	
Nelenite	$\text{Mn}^{2+}_{16}\text{As}^{3+}_3\text{Si}_{12}\text{O}_{36}(\text{OH})_{17}$	A	1982-011	USA	<i>Mineralogical Magazine</i> <b>48</b> (1984), 271	
Neltnerite	$\text{CaMn}^{3+}_6\text{O}_8(\text{SiO}_4)$	A	1979-059	Morocco	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 161	<i>European Journal of Mineralogy</i> <b>3</b> (1991), 567
Nenadkevichite	$(\text{Na}, \square)_8\text{Nb}_4(\text{Si}_4\text{O}_{12})_2(\text{O}, \text{OH})_4\cdot 8\text{H}_2\text{O}$	G	1955	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>100</b> (1955), 1159	<i>Acta Crystallographica</i> <b>B29</b> (1973), 1432
Neotocite	$(\text{Mn}, \text{Fe})\text{SiO}_3\cdot \text{H}_2\text{O}$ (?)	G	1849	Sweden	Über das Atomistisch-Chemische Mineral System. Gröndahl, Helsingfors (1849), 110	<i>Mineralogical Magazine</i> <b>42</b> (1978), 279
Nepheline	$\text{NaAlSiO}_4$	G	1801	Italy	Traité de Minéralogie, Vol. 3. Louis, Paris (1801), 186	<i>Canadian Mineralogist</i> <b>48</b> (2010), 69
Népouite	$\text{Ni}_3\text{Si}_2\text{O}_5(\text{OH})_4$	G	1907	France (New Caledonia)	<i>Bulletin de la Société Française de Minéralogie</i> <b>30</b> (1907), 17	<i>American Mineralogist</i> <b>60</b> (1975), 863
Nepskoeite	$\text{Mg}_4\text{Cl}(\text{OH})_7\cdot 6\text{H}_2\text{O}$	A	1996-016	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(1)</b> (1998), 41	
Neptunite	$\text{KNa}_2\text{LiFe}^{2+}_2\text{Ti}_2\text{Si}_8\text{O}_{24}$	G	1893	Denmark (Greenland)	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>15</b> (1893), 195	<i>Acta Crystallographica</i> <b>21</b> (1966), 200
Neskevaaraite-Fe	$\text{NaK}_3\text{Fe}(\text{Ti}, \text{Nb})_4(\text{Si}_4\text{O}_{12})_2(\text{O}, \text{OH})_4\cdot 6\text{H}_2\text{O}$	A	2002-007	Russia	<i>New Data on Minerals</i> <b>38</b> (2003), 9	
Nesquehonite	$\text{Mg}(\text{CO}_3)\cdot 3\text{H}_2\text{O}$	G	1890	USA	<i>American Journal of Science</i> <b>39</b> (1890), 121	<i>Mineralogy and Petrology</i> <b>70</b> (2000), 153
Nestolaite	$\text{CaSeO}_3\cdot \text{H}_2\text{O}$	A	2013-074	USA	<i>Mineralogical Magazine</i> <b>78</b> (2014), 497	
Neustädtelite	$\text{Bi}_2\text{Fe}^{3+}(\text{Fe}^{3+}, \text{Co})_2(\text{O}, \text{OH})_4(\text{AsO}_4)_2$	A	1998-016	Germany	<i>American Mineralogist</i> <b>87</b> (2002), 726	
Nevadaite	$(\text{Cu}^{2+}, \square, \text{Al}, \text{V}^{3+})_6\text{Al}_8(\text{PO}_4)_8\text{F}_8(\text{OH})_2\cdot 22\text{H}_2\text{O}$	A	2002-035	USA	<i>Canadian Mineralogist</i> <b>42</b> (2004), 741	
Nevskite	$\text{Bi}(\text{Se}, \text{S})$	A	1983-026	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 351	
Newberyite	$\text{Mg}(\text{PO}_3\text{OH})\cdot 3\text{H}_2\text{O}$	G	1879	Australia	<i>Bulletin de la Société Minéralogique de France</i> <b>2</b> (1879), 79	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>32</b> (1983), 187
Neyite	$\text{Ag}_2\text{Cu}_6\text{Pb}_{25}\text{Bi}_{26}\text{S}_{68}$	A	1968-017	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1969), 90	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1365
Nežilovite	$\text{PbZn}_2\text{Mn}^{4+}_2\text{Fe}^{3+}_8\text{O}_{19}$	A	1994-020	Macedonia	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1287	
Niahite	$(\text{NH}_4)\text{Mn}^{2+}(\text{PO}_4)\cdot \text{H}_2\text{O}$	A	1977-022	Malaysia	<i>Mineralogical Magazine</i> <b>47</b> (1983), 79	<i>Inorganic Chemistry</i> <b>34</b> (1995), 3917
Nickel	Ni	A	1966-039	France (New Caledonia)	<i>Geologiya Rudnykh Mestorozhdenii</i> <b>2</b> (1968), 32	<i>Economic Geology</i> <b>76</b> (1981), 1686
Nickelaustinite	$\text{CaNi}(\text{AsO}_4)(\text{OH})$	A	1985-002	Morocco	<i>Canadian Mineralogist</i> <b>25</b> (1987), 401	

Nickelbischofite	$\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$	A	1978-056	Canada	<i>Canadian Mineralogist</i> <b>17</b> (1979), 107	<i>Journal of Chemical Physics</i> <b>50</b> (1969), 4690
Nickelblödite	$\text{Na}_2\text{Ni}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	A	1976-014	Australia	<i>Mineralogical Magazine</i> <b>41</b> (1977), 37	
Nickelboussingaultite	$(\text{NH}_4)_2\text{Ni}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	1975-037	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 710	
Nickelhexahydrate	$\text{Ni}(\text{SO}_4) \cdot 6\text{H}_2\text{O}$	A	1968 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>93</b> (1965), 534	<i>Acta Crystallographica</i> <b>C44</b> (1988), 1869
Nickeline	NiAs	A	1967 s.p.	unknown	Traité Élémentaire de Minéralogie, 2nd ed. Verdrière, Paris (1832), 586	<i>Journal of Physics C: Solid State Physics</i> <b>21</b> (1988), 4007
Nickellotharmeyerite	$\text{CaNi}_2(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1999-008	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 558	
Nickelphosphide	$\text{Ni}_3\text{P}$	A	1998-023	USA (meteorite)	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(3)</b> (1999), 64	<i>Mineralogical Magazine</i> <b>67</b> (2003), 783
Nickelpicromerite	$\text{K}_2\text{Ni}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	2012-053	Russia	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 143	
Nickelschneebergite	$\text{BiNi}_2(\text{AsO}_4)_2(\text{OH}) \cdot \text{H}_2\text{O}$	A	1999-028	Germany	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 115	
Nickelskutterudite	$(\text{Ni}, \text{Co}, \text{Fe})\text{As}_3$	Rn	2007 s.p.	Germany	<i>Annalen der Physik und Chemie</i> <b>64</b> (1845), 184	<i>American Mineralogist</i> <b>102</b> (2017), 205
Nickeltalmessite	$\text{Ca}_2\text{Ni}(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	2008-051	Morocco	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(4)</b> (2009), 32	
Nickeltsumcorite	$\text{Pb}(\text{Ni}, \text{Fe}^{3+})_2(\text{AsO}_4)_2(\text{H}_2\text{O}, \text{OH})_2$	A	2013-117	Greece	<i>Mineralogical Magazine</i> <b>80</b> (2016), 337	
Nickelzippeite	$\text{Ni}_2(\text{UO}_2)_6(\text{SO}_4)_3(\text{OH})_{10} \cdot 16\text{H}_2\text{O}$	A	1971-005	Czech Republic	<i>Canadian Mineralogist</i> <b>14</b> (1976), 429	
Nickenichite	$(\text{Na}, \text{Ca}, \text{Cu})_{1.6}(\text{Mg}, \text{Fe}^{3+}, \text{Al})_3(\text{AsO}_4)_3$	A	1992-014	Germany	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 153	
Nicksobolevite	$\text{Cu}_7(\text{SeO}_3)_2\text{O}_2\text{Cl}_6$	A	2012-097	Russia	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 439	
Niedermayrite	$\text{Cu}_4\text{Cd}(\text{SO}_4)_2(\text{OH})_6 \cdot 4\text{H}_2\text{O}$	A	1997-024	Greece	<i>Mineralogy and Petrology</i> <b>63</b> (1998), 19	
Nielsbohrite	$(\text{K}, \text{U}, \square)(\text{UO}_2)_3(\text{AsO}_4)(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	2002-045b	Germany	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 515	
Nielsenite	$\text{PdCu}_3$	A	2004-046	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>46</b> (2008), 709	<i>Journal of the Physical Society of Japan</i> <b>28</b> (1970), 1005
Nierite	$\text{Si}_3\text{N}_4$	A	1994-032	Azerbaijan (meteorite)	<i>Meteoritics</i> <b>30</b> (1995), 387	<i>Materials Research Bulletin</i> <b>9</b> (1974), 917
Nifontovite	$\text{Ca}_3[\text{BO}(\text{OH})_2]_6 \cdot 2\text{H}_2\text{O}$	A	1967 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>139</b> (1961), 188	<i>Soviet Physics Doklady</i> <b>23</b> (1978), 159
Niggliite	PtSn	G	1936	South Africa	<i>Transactions of the Geological Society of South Africa</i> <b>39</b> (1936), 81	<i>Mineralogical Magazine</i> <b>38</b> (1972), 794
Niigataite	$\text{CaSrAl}_3[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	Rn	2001-055	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>98</b> (2003), 118	
Nikischerite	$\text{Fe}^{2+}_6\text{Al}_3(\text{OH})_{18}[\text{Na}(\text{H}_2\text{O})_6](\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	2001-039	Bolivia	<i>Mineralogical Record</i> <b>34</b> (2003), 155	<i>Canadian Mineralogist</i> <b>41</b> (2003), 79
Niksergievite	$\text{Ba}_2\text{Al}_3(\text{Si}, \text{Al})_4\text{O}_{10}(\text{CO}_3)(\text{OH})_6 \cdot n\text{H}_2\text{O}$	A	2002-036	Kazakhstan	<i>American Mineralogist</i> <b>90</b> (2005), 1163	
Nimite	$(\text{Ni}, \text{Mg}, \text{Al})_6(\text{Si}, \text{Al})_4\text{O}_{10}(\text{OH})_8$	A	1971 s.p.	South Africa	<i>American Mineralogist</i> <b>55</b> (1970), 18	
Ningyoite	$(\text{U}, \text{Ca}, \text{Ce})_2(\text{PO}_4)_2 \cdot 1-2\text{H}_2\text{O}$	A	1962 s.p.	Japan	<i>American Mineralogist</i> <b>44</b> (1959), 633	<i>Canadian Mineralogist</i> <b>19</b> (1981), 325
Ningerite	MgS	A	1966-036	Azerbaijan (meteorite)	<i>Science</i> <b>155</b> (1967), 451	<i>Geochimica et Cosmochimica Acta</i> <b>52</b> (1988), 877

Nioboeschynite-(Ce)	(Ce,Ca)(Nb,Ti) <sub>2</sub> (O,OH) <sub>6</sub>	Rn	1987 s.p.	Russia	<i>Trudy Institut Mineralogii, Geokhimi, Kristalokhimi Redkikh Elementov, Akademiia Nauk SSSR</i> <b>4</b> (1960), 51	<i>American Mineralogist</i> <b>60</b> (1975), 309
Nioboeschynite-(Y)	(Y,REE,Ca,Th,Fe)(Nb,Ti,Ta) <sub>2</sub> (O,OH) <sub>6</sub>	A	2003-038a	Canada	<i>Canadian Mineralogist</i> <b>46</b> (2008), 395	
Niobocarbide	NbC	A	1995-035	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(1)</b> (1997), 76	
Nioboholtite	(Nb <sub>0.6</sub> □ <sub>0.4</sub> )Al <sub>6</sub> BSi <sub>3</sub> O <sub>18</sub>	A	2012-068	Poland	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2841	
Niobokupletskite	K <sub>2</sub> NaMn <sub>7</sub> (Nb,Zr,Ti) <sub>2</sub> Si <sub>8</sub> O <sub>26</sub> (OH,O,F) <sub>5</sub>	A	1999-032	Canada	<i>Canadian Mineralogist</i> <b>38</b> (2000), 627	
Niobophyllite	K <sub>2</sub> NaFe <sup>2+</sup> <sub>7</sub> (Nb,Ti) <sub>2</sub> Si <sub>8</sub> O <sub>26</sub> (OH) <sub>4</sub> (F,O)	A	1964-001	Canada	<i>Canadian Mineralogist</i> <b>8</b> (1964), 40	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1
Niocalite	Ca <sub>7</sub> Nb(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> O <sub>3</sub> F	G	1956	Canada	<i>American Mineralogist</i> <b>41</b> (1956), 785	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>30</b> (1982), 249
Nisbite	NiSb <sub>2</sub>	A	1969-017	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1970), 232	<i>Acta Chemica Scandinavica</i> <b>A33</b> (1979), 469
Nisnite	Ni <sub>3</sub> Sn	A	2009-083	Canada	<i>Canadian Mineralogist</i> <b>49</b> (2011), 651	
Nissonite	Cu <sub>2</sub> Mg <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·5H <sub>2</sub> O	A	1966-026	USA	Geological Society of America, Annual Meetings, Abstracts (1966), 145	<i>American Mineralogist</i> <b>75</b> (1990), 1170
Niter	K(NO <sub>3</sub> )	G	?	unknown	original paper?	<i>Acta Crystallographica</i> <b>C59</b> (2003), i139
Nitratine	Na(NO <sub>3</sub> )	A	1980 s.p.	Chile	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 488	<i>Zeitschrift für Kristallographie</i> <b>148</b> (1978), 101
Nitrobarite	Ba(NO <sub>3</sub> ) <sub>2</sub>	G	1882	Chile	<i>American Naturalist</i> <b>16</b> (1882), 78	<i>Acta Crystallographica</i> <b>C39</b> (1983), 952
Nitrocalcite	Ca(NO <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	G	1835	USA	Treatise on Mineralogy Vol. 2, 1st ed. Howe and Herrick & Noyes, New Haven (1835), 84	<i>Acta Crystallographica</i> <b>B33</b> (1977), 1861
Nitromagnesite	Mg(NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	G	1835	USA	Treatise on Mineralogy Vol. 2, 1st ed. Howe and Herrick & Noyes, New Haven (1835), 85	<i>Acta Crystallographica</i> <b>B35</b> (1979), 354
Niveolanite	NaBe(CO <sub>3</sub> )(OH)·2H <sub>2</sub> O	A	2007-032	Canada	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1343	
Nizamoffite	Mn <sup>2+</sup> Zn <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub>	A	2012-076	USA	<i>American Mineralogist</i> <b>98</b> (2013), 1893	
Nobleite	CaB <sub>6</sub> O <sub>9</sub> (OH) <sub>2</sub> ·3H <sub>2</sub> O	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>46</b> (1961), 560	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 825
Noelbensonite	BaMn <sup>3+</sup> <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> (OH) <sub>2</sub> ·H <sub>2</sub> O	Rd	1994-058	Australia	<i>Mineralogical Magazine</i> <b>60</b> (1996), 369	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 185
Nolanite	(V <sup>3+</sup> ,Fe <sup>3+</sup> ,Fe <sup>2+</sup> ) <sub>10</sub> O <sub>14</sub> (OH) <sub>2</sub>	G	1957	Canada	<i>American Mineralogist</i> <b>42</b> (1957), 619	<i>American Mineralogist</i> <b>68</b> (1983), 833
Nolzeite	Na(Mn,□) <sub>2</sub> [Si <sub>3</sub> (B,Si)O <sub>9</sub> ](OH) <sub>2</sub> ·2H <sub>2</sub> O	A	2014-086	Canada	<i>Mineralogical Magazine</i> <b>81</b> (2017), 183	
Nontronite	Na <sub>0.3</sub> Fe <sup>3+</sup> <sub>2</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ·nH <sub>2</sub> O	A	1962 s.p.	France	<i>Annales de Chimie et de Physique</i> <b>36</b> (1827), 22	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 753
Noonkanbahite	NaKBaTi <sub>2</sub> (Si <sub>4</sub> O <sub>12</sub> )O <sub>2</sub>	A	2009-059	Germany	<i>Mineralogical Magazine</i> <b>74</b> (2010), 441	
Norbergite	Mg <sub>3</sub> (SiO <sub>4</sub> )F <sub>2</sub>	G	1926	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>48</b> (1926), 84	<i>Physics and Chemistry of Minerals</i> <b>35</b> (2008), 559
Nordenskiöldine	CaSn(BO <sub>3</sub> ) <sub>2</sub>	G	1887	Norway	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>9</b> (1887), 255	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 111
Nordgauite	MnAl <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (F,OH) <sub>2</sub> ·5.5H <sub>2</sub> O	A	2010-040	Germany	<i>Mineralogical Magazine</i> <b>75</b> (2011), 269	
Nordite-(Ce)	Na <sub>3</sub> SrCeZnSi <sub>6</sub> O <sub>17</sub>	Rn	1966 s.p.	Russia	<i>Geokhimiya</i> <b>4</b> (1958), 398	<i>American Mineralogist</i> <b>55</b> (1970), 1167
Nordite-(La)	Na <sub>3</sub> SrLaZnSi <sub>6</sub> O <sub>17</sub>	Rn	1987 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>32</b> (1941), 496	<i>American Mineralogist</i> <b>55</b> (1970), 1167

Nordstrandite	Al(OH) <sub>3</sub>	A	1967 s.p.	Malaysia	<i>Nature</i> <b>196</b> (1962), 264	<i>Acta Crystallographica</i> <b>B26</b> (1970), 649
Nordströmite	Pb <sub>3</sub> CuBi <sub>7</sub> (S,Se) <sub>14</sub>	A	1978-073	Sweden	<i>American Mineralogist</i> <b>65</b> (1980), 789	<i>Canadian Mineralogist</i> <b>18</b> (1980), 343
Norilskite	(Pd,Ag) <sub>7</sub> Pb <sub>4</sub>	A	2015-008	Russia	<i>Mineralogical Magazine</i> <b>81</b> (2017), 531	
Normandite	Na <sub>2</sub> Ca <sub>2</sub> (Mn,Fe) <sub>2</sub> (Ti,Nb,Zr) <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> O <sub>2</sub> F <sub>2</sub>	A	1990-021	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1035	<i>Canadian Mineralogist</i> <b>38</b> (2000), 641
Norrishite	KLiMn <sup>3+</sup> <sub>2</sub> Si <sub>4</sub> O <sub>10</sub> O <sub>2</sub>	A	1989-019	Australia	<i>American Mineralogist</i> <b>74</b> (1989), 1360	<i>American Mineralogist</i> <b>76</b> (1991), 266
Norsethite	BaMg(CO <sub>3</sub> ) <sub>2</sub>	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>46</b> (1961), 420	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1589
Northupite	Na <sub>3</sub> Mg(CO <sub>3</sub> ) <sub>2</sub> Cl	G	1895	USA	<i>American Journal of Science</i> <b>50</b> (1895), 480	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>22</b> (1975), 158
Nosean	Na <sub>8</sub> (Si <sub>6</sub> Al <sub>6</sub> )O <sub>24</sub> (SO <sub>4</sub> )·H <sub>2</sub> O	G	1815	Germany	<i>Beiträge zur Chemischen Kenntniss der Mineralkörper</i> , Vol. 6. Nicolaischen, Berlin (1815), 371	<i>Canadian Mineralogist</i> <b>27</b> (1989), 165
Nováčekite-I	Mg(UO <sub>2</sub> ) <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O	Rn	2007 s.p.	Germany	<i>American Mineralogist</i> <b>36</b> (1951), 680	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1699
Nováčekite-II	Mg(UO <sub>2</sub> ) <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·10H <sub>2</sub> O	Rn	2007 s.p.	Germany	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>9</b> (1964), 111	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1699
Novákite	(Cu,Ag) <sub>21</sub> As <sub>10</sub>	A	1967 s.p.	Czech Republic	<i>American Mineralogist</i> <b>46</b> (1961), 885	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>34</b> (1985), 167
Novgorodovaite	Ca <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> )Cl <sub>2</sub> ·2H <sub>2</sub> O	A	2000-039	Kazakhstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(4)</b> (2001), 32	<i>Doklady Akademii Nauk</i> <b>381</b> (2001) 353
Novodneprite	AuPb <sub>3</sub>	A	2002-032a	Kazakhstan	<i>Doklady Natsional'noy Akademii Nauk Respubliki Kazakhstan</i> <b>5</b> (2006), 46	
Novograbenovite	(NH <sub>4</sub> ,K)MgCl <sub>3</sub> ·6H <sub>2</sub> O	A	2017-060	Russia	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Nowackiite	Cu <sub>6</sub> Zn <sub>3</sub> As <sub>4</sub> S <sub>12</sub>	A	1971 s.p.	Switzerland	<i>Chimia</i> <b>19</b> (1965), 500	<i>Zeitschrift für Kristallographie</i> <b>124</b> (1967), 352
Nsutite	Mn <sup>2+</sup> <sub>x</sub> Mn <sup>4+</sup> <sub>1-x</sub> O <sub>2-2x</sub> (OH) <sub>2x</sub>	A	1967 s.p.	Ghana	<i>American Mineralogist</i> <b>47</b> (1962), 246	<i>Nature</i> <b>304</b> (1983), 143
Nuffieldite	Cu <sub>1.4</sub> Pb <sub>2.4</sub> Bi <sub>2.4</sub> Sb <sub>0.2</sub> S <sub>7</sub>	A	1967-003	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1968), 439	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1497
Nukundamite	Cu <sub>3.4</sub> Fe <sub>0.6</sub> S <sub>4</sub>	A	1978-037	Fiji	<i>Mineralogical Magazine</i> <b>43</b> (1979), 193	<i>American Mineralogist</i> <b>66</b> (1981), 398
Nullaginite	Ni <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>2</sub>	A	1978-011	Australia	<i>Canadian Mineralogist</i> <b>19</b> (1981), 315	
Numanoite	Ca <sub>4</sub> CuB <sub>4</sub> O <sub>6</sub> (OH) <sub>6</sub> (CO <sub>3</sub> ) <sub>2</sub>	A	2005-050	Japan	<i>Canadian Mineralogist</i> <b>45</b> (2007), 307	
Nuragheite	Th(MoO <sub>4</sub> ) <sub>2</sub> ·H <sub>2</sub> O	A	2013-088	Italy	<i>American Mineralogist</i> <b>100</b> (2015), 267	
Nuwaite	Ni <sub>6</sub> GeS <sub>2</sub>	A	2013-018	Mexico (meteorite)	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Nybøite	NaNa <sub>2</sub> (Mg <sub>3</sub> Al <sub>2</sub> )(Si <sub>7</sub> Al)O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	Norway	<i>Mineralogical Magazine</i> <b>67</b> (2003), 769	
Nyerereite	Na <sub>2</sub> Ca(CO <sub>3</sub> ) <sub>2</sub>	A	1963-014	Tanzania	<i>Zeitschrift für Kristallographie</i> <b>145</b> (1977), 73	
Nyholmite	Cd <sub>3</sub> Zn <sub>2</sub> (AsO <sub>3</sub> OH) <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	A	2008-047	Australia	<i>Mineralogical Magazine</i> <b>73</b> (2009), 723	
Oboyerite	H <sub>6</sub> Pb <sub>6</sub> (Te <sup>4+</sup> O <sub>3</sub> ) <sub>3</sub> (Te <sup>6+</sup> O <sub>6</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1979-009	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 453	
Obradovcicite-KCu	[K <sub>2</sub> (H <sub>2</sub> O) <sub>17</sub> Cu(H <sub>2</sub> O) <sub>6</sub> ][Mo <sub>8</sub> As <sub>2</sub> Fe <sup>3+</sup> <sub>3</sub> O <sub>34</sub> (OH) <sub>3</sub> ]	Rn	1978-061	Chile	<i>Mineralogical Magazine</i> <b>50</b> (1986), 283	
Obradovcicite-NaCu	[Na <sub>2</sub> (H <sub>2</sub> O) <sub>17</sub> Cu(H <sub>2</sub> O) <sub>6</sub> ][Mo <sub>8</sub> As <sub>2</sub> Fe <sup>3+</sup> <sub>3</sub> O <sub>34</sub> (OH) <sub>3</sub> ]	A	2011-079	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
Obradovcicite-NaNa	[Na <sub>2</sub> (H <sub>2</sub> O) <sub>16</sub> Na(H <sub>2</sub> O) <sub>6</sub> ][Mo <sub>8</sub> As <sub>2</sub> Fe <sup>3+</sup> <sub>3</sub> O <sub>33</sub> (OH) <sub>4</sub> ]	A	2011-046	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	



O'danielite	$H_2NaZn_3(AsO_4)_3$	A	1979-040	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 155	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 395
Odigitriaite	$CsNa_5Ca_5[Si_{14}B_2O_{38}]F_2$	A	2015-028	Tajikistan	<i>Mineralogical Magazine</i> <b>81</b> (2017), 113	
Odinite	$(Fe^{3+}, Mg, Al, Fe^{2+})_{2.5}(Si, Al)_2O_5(OH)_4$	A	1988-015	Guinea	<i>Clay Minerals</i> <b>23</b> (1988), 237	
Odintsovite	$K_2Na_4Ca_3Ti_2Be_4Si_{12}O_{38}$	A	1994-052	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(5)</b> (1995), 92	<i>Doklady Chemistry</i> <b>340</b> (1995), 49
Oenite	$CoSbAs$	A	1995-007	Sweden	<i>Canadian Mineralogist</i> <b>36</b> (1998), 855	
Offretite	$KCaMg(Si_{13}Al_5)O_{36} \cdot 15H_2O$	A	1997 s.p.	France	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>111</b> (1890), 1002	<i>American Mineralogist</i> <b>83</b> (1998), 590
Oftedalite	$KSc_2\Box_2Be_3Si_{12}O_{30}$	A	2003-045a	Norway	<i>Canadian Mineralogist</i> <b>44</b> (2006), 943	
Ogdensburgite	$Ca_2Fe^{3+}_4Zn(AsO_4)_4(OH)_6 \cdot 6H_2O$	A	1980-054	USA	<i>Mineralogical Record</i> <b>12</b> (1981), 369	<i>American Mineralogist</i> <b>72</b> (1987), 409
Ohmilite	$Sr_3(Ti, Fe^{3+})(Si_2O_6)_2(O, OH) \cdot 2H_2O$	A	1974-031	Japan	<i>Mineralogical Journal</i> <b>7</b> (1973), 298	<i>American Mineralogist</i> <b>68</b> (1983), 811
Ojuelaite	$ZnFe^{3+}_2(AsO_4)_2(OH)_2 \cdot 4H_2O$	A	1979-035	Mexico	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 582	<i>Mineralogical Magazine</i> <b>60</b> (1996), 519
Okanoganite-(Y)	$(Y, REE, Ca, Na, Th)_{16}(Fe^{3+}, Ti)(Si, B, P)_{10}(O, OH)_{38}F_{10}$	A	1979-048	USA	<i>American Mineralogist</i> <b>65</b> (1980), 1138	<i>American Mineralogist</i> <b>89</b> (2004), 1540
Okayamalite	$Ca_2B_2SiO_7$	A	1997-002	Japan	<i>Mineralogical Magazine</i> <b>62</b> (1998), 703	<i>American Mineralogist</i> <b>85</b> (2000), 1512
Okenite	$Ca_{10}Si_{18}O_{46} \cdot 18H_2O$	G	1828	Denmark (Greenland)	<i>Archiv für die Gesamte Naturlehre</i> <b>14</b> (1828), 333	<i>American Mineralogist</i> <b>68</b> (1983), 614
Okhotskite	$Ca_2(Mn, Mg)(Mn^{3+}, Al, Fe^{3+})_2(Si_2O_7)(SiO_4)(OH)_2 \cdot H_2O$	A	1985-010a	Japan	<i>Mineralogical Magazine</i> <b>71</b> (1987), 611	<i>Mineralogy and Petrology</i> <b>77</b> (2003), 25
Okruschite	$Ca_2Mn^{2+}_5Be_4(AsO_4)_6(OH)_4 \cdot 6H_2O$	A	2013-097	Germany	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 589	
Oldhamite	$CaS$	G	1870	India	<i>Philosophical Transactions of the Royal Society</i> <b>160</b> (1870), 195	<i>Zeitschrift für Physikalische Chemie</i> <b>128</b> (1927), 135
Olekminkite	$Sr_2(CO_3)_2$	A	1989-047	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>120(3)</b> (1991), 89	
Olenite	$NaAl_3Al_6(Si_6O_{18})(BO_3)_3O_3(OH)$	A	1985-006	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>115</b> (1986), 119	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 935
Olgite	$(Ba, Sr)(Na, Sr, REE)_2Na(PO_4)_2$	A	1979-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1980), 347	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1521
Olivenite	$Cu_2(AsO_4)(OH)$	G	1820	United Kingdom	A System of Mineralogy, Vol. 2. Archibald Constable, Edinburgh (1820), 331	<i>Acta Crystallographica</i> <b>E64</b> (2008), i60
Olkhonskite	$Cr_2Ti_3O_9$	A	1993-035	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>123(4)</b> (1994), 98	
Olmite	$CaMn[SiO_3(OH)](OH)$	A	2006-026	South Africa	<i>Mineralogical Magazine</i> <b>71</b> (2007), 193	
Olmsteadite	$KFe^{2+}_2NbO_2(PO_4)_2 \cdot 2H_2O$	A	1974-034	USA	<i>American Mineralogist</i> <b>61</b> (1976), 5	
Olsacherite	$Pb_2(Se^{6+}O_4)(SO_4)$	A	1969-009	Bolivia	<i>American Mineralogist</i> <b>54</b> (1969), 1519	
Olshanskyite	$Ca_2[B_3O_3(OH)_6]OH \cdot 3H_2O$	A	1968-025	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>184</b> (1969), 1398	<i>Canadian Mineralogist</i> <b>39</b> (2001), 137

Olympite	$\text{LiNa}_5(\text{PO}_4)_2$	A	1979-065	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 476	<i>Crystallography Reports</i> <b>39</b> (1994), 35
Omariniite	$\text{Cu}_8\text{Fe}_2\text{ZnGe}_2\text{S}_{12}$	A	2016-050	Argentina	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1151	
Omeiite	$\text{OsAs}_2$	A	1985-xxx	China	<i>Acta Geologica Sinica</i> <b>52</b> (1978), 163	<i>Acta Chemica Scandinavica</i> <b>A31</b> (1977), 253
Ominelite	$\text{Fe}^{2+}\text{Al}_3\text{O}_2(\text{BO}_3)(\text{SiO}_4)$	A	1999-025	Japan	<i>American Mineralogist</i> <b>87</b> (2002), 160	<i>American Mineralogist</i> <b>92</b> (2007), 863
Omongwaite	$\text{Na}_2\text{Ca}_5(\text{SO}_4)_6 \cdot 3\text{H}_2\text{O}$	A	2003-054b	Namibia	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1307	
Omphacite	$(\text{Ca},\text{Na})(\text{Mg},\text{Fe},\text{Al})\text{Si}_2\text{O}_6$	A	1988 s.p.	Germany	Handbuch Der Mineralogie, Vol. 2. Craz und Gerlach, Freiberg (1815), 302	<i>American Mineralogist</i> <b>97</b> (2012), 407
Omsite	$\text{Ni}_2\text{Fe}^{3+}(\text{OH})_6[\text{Sb}(\text{OH})_6]$	A	2012-025	France	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1347	
Ondrušite	$\text{CaCu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 10\text{H}_2\text{O}$	A	2008-010	Czech Republic	<i>Canadian Mineralogist</i> <b>49</b> (2011), 885	
Oneillite	$\text{Na}_{15}\text{Ca}_3\text{Mn}_3\text{Fe}_3\text{Zr}_3\text{Nb}(\text{Si}_{25}\text{O}_{73})(\text{O},\text{OH},\text{H}_2\text{O})_3(\text{OH},\text{Cl})_2$	A	1998-064	Canada	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1295	<i>Canadian Mineralogist</i> <b>37</b> (1999), 865
Onoratoite	$\text{Sb}_8\text{O}_{11}\text{Cl}_2$	A	1967-032	Italy	<i>Mineralogical Magazine</i> <b>36</b> (1968), 1037	<i>Solid State Sciences</i> <b>8</b> (2006), 849
Oosterboschite	$(\text{Pd},\text{Cu})_7\text{Se}_5$	A	1970-016	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 476	
Opal	$\text{SiO}_2 \cdot n\text{H}_2\text{O}$	G	?	unknown	original paper?	<i>American Mineralogist</i> <b>92</b> (2007), 1325
Ophirite	$\text{Ca}_2\text{Mg}_4[\text{Zn}_2\text{Mn}^{3+}_2(\text{H}_2\text{O})_2(\text{Fe}^{3+}\text{W}_9\text{O}_{34})_2] \cdot 46\text{H}_2\text{O}$	A	2013-017	USA	<i>American Mineralogist</i> <b>99</b> (2014), 1045	
Oppenheimerite	$\text{Na}_2(\text{UO}_2)(\text{SO}_4)_2 \cdot 3\text{H}_2\text{O}$	A	2014-073	USA	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1123	
Orcelite	$\text{Ni}_{5-x}\text{As}_2$ ( $x = 0.23$ )	A	1962 s.p.	France (New Caledonia)	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>249</b> (1959), 1771	<i>Journal of the Less-Common Metals</i> <b>22</b> (1970), 445
Ordoñezite	$\text{ZnSb}^{5+}_2\text{O}_6$	G	1955	Mexico	<i>American Mineralogist</i> <b>40</b> (1955), 64	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1207
Örebroite	$\text{Mn}^{2+}_3(\text{Fe}^{3+},\text{Sb}^{5+})(\text{SiO}_4)(\text{O},\text{OH})_3$	A	1985-039	Sweden	<i>American Mineralogist</i> <b>71</b> (1986), 1522	
Oregonite	$\text{FeNi}_2\text{As}_2$	A	1962 s.p.	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1959), 239	
Organovaite-Mn	$\text{K}_2\text{MnNb}_4(\text{Si}_4\text{O}_{12})_2\text{O}_4 \cdot 5-7\text{H}_2\text{O}$	A	2000-031	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(2)</b> (2001), 46	
Organovaite-Zn	$\text{K}_2\text{Zn}(\text{Nb},\text{Ti})_4(\text{Si}_4\text{O}_{12})_2(\text{O},\text{OH})_4 \cdot 6\text{H}_2\text{O}$	A	2001-006	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(1)</b> (2002), 29	
Orickite	$\text{CuFeS}_2 \cdot n\text{H}_2\text{O}$	A	1978-059	USA	<i>American Mineralogist</i> <b>68</b> (1983), 245	
Orientite	$\text{Ca}_8\text{Mn}^{3+}_{10}(\text{SiO}_4)_3(\text{Si}_3\text{O}_{10})_3(\text{OH})_{10} \cdot 4\text{H}_2\text{O}$	G	1921	Cuba	<i>American Journal of Science</i> <b>1</b> (1921), 491	<i>American Mineralogist</i> <b>71</b> (1986), 176
Orlandite	$\text{Pb}_3\text{Cl}_4(\text{Se}^{4+}\text{O}_3) \cdot \text{H}_2\text{O}$	A	1998-038	Italy	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1493	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1147
Orlovite	$\text{KLi}_2\text{TiSi}_4\text{O}_{11}\text{F}$	A	2009-006	Tajikistan	<i>New Data on Minerals</i> <b>46</b> (2011), 13	
Orlymanite	$\text{Ca}_4\text{Mn}^{2+}_3\text{Si}_8\text{O}_{20}(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	A	1988-029	South Africa	<i>American Mineralogist</i> <b>75</b> (1990), 923	
Orpiment	$\text{As}_2\text{S}_3$	G	?	unknown	original paper?	<i>Zeitschrift für Kristallographie</i> <b>136</b> (1972), 48
Orschallite	$\text{Ca}_3(\text{S}^{4+}\text{O}_3)_2(\text{SO}_4) \cdot 12\text{H}_2\text{O}$	A	1990-041	Germany	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 167	
Orthobrannerite	$\text{U}^{4+}\text{U}^{6+}\text{Ti}_4\text{O}_{12}(\text{OH})_2$	A	1982 s.p.	China	<i>Acta Geologica Sinica</i> <b>52</b> (1978), 241	
Orthoclase	$\text{K}(\text{AlSi}_3\text{O}_8)$	A	1962 s.p.	unknown	Vollständige Charakteristik des Mineral-Systems. Arnoldische, Dresden (1823), 271	<i>American Mineralogist</i> <b>58</b> (1973), 500
Orthojoaquinite-(Ce)	$\text{NaBa}_2\text{Fe}^{2+}\text{Ce}_2\text{Ti}_2(\text{SiO}_3)_8\text{O}_2(\text{O},\text{OH}) \cdot \text{H}_2\text{O}$	A	1979-081b	USA	<i>American Mineralogist</i> <b>67</b> (1982), 809	

Orthojoaquinite-(La)	$\text{NaBa}_2\text{Fe}^{2+}\text{La}_2\text{Ti}_2(\text{SiO}_3)_8\text{O}_2(\text{OH},\text{O},\text{F})\cdot\text{H}_2\text{O}$	Rd	2000 s.p.	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>39</b> (2001), 757	
Orthominasragrite	$\text{V}^{4+}\text{O}(\text{SO}_4)\cdot 5\text{H}_2\text{O}$	A	2000-018	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1325	
Orthopinakiolite	$\text{Mg}_2\text{Mn}^{3+}\text{O}_2(\text{BO}_3)$	A	1962 s.p.	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>2</b> (1960), 551	<i>Canadian Mineralogist</i> <b>16</b> (1978), 475
Orthoserpierite	$\text{CaCu}_4(\text{SO}_4)_2(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	1983-022a	France	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>65</b> (1985), 1	
Orthowalpurkite	$(\text{UO}_2)\text{Bi}_4\text{O}_4(\text{AsO}_4)_2\cdot 2\text{H}_2\text{O}$	A	1994-024	Germany	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 1313	
Osakaite	$\text{Zn}_4(\text{SO}_4)(\text{OH})_6\cdot 5\text{H}_2\text{O}$	A	2006-049	Japan	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1511	<i>Acta Crystallographica</i> <b>B42</b> (1986), 32
Osarizawaite	$\text{Pb}(\text{Al}_2\text{Cu}^{2+})(\text{SO}_4)_2(\text{OH})_6$	Rd	1987 s.p.	Japan	<i>Mineralogical Journal</i> <b>3</b> (1961), 181	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 401
Osarsite	OsAsS	A	1971-025	USA	<i>American Mineralogist</i> <b>57</b> (1972), 1029	
Osbornite	TiN	G	1870	India (meteorite)	<i>Philosophical Transactions of the Royal Society of London</i> <b>160</b> (1870), 189	<i>Acta Chemica Scandinavica</i> <b>32</b> (1978), 89
Oscarkempffite	$\text{Ag}_{10}\text{Pb}_4(\text{Sb}_{17}\text{Bi}_9)\text{S}_{48}$	A	2011-029	Bolivia	<i>Mineralogical Magazine</i> <b>80</b> (2016), 809	
Oskarssonite	$\text{AlF}_3$	A	2012-088	Iceland	<i>Mineralogical Magazine</i> <b>78</b> (2014), 215	
Osmium	Os	Rd	1991 s.p.	Indonesia	<i>Philosophical Transactions of the Royal Society of London</i> <b>329</b> (1804), 411	<i>Bulletin de la Societe Française de Minéralogie et de Cristallographie</i> <b>84</b> (1961) 312
Osumilite	$\text{KFe}_2(\text{Al}_5\text{Si}_{10})\text{O}_{30}$	G	1956	Japan	<i>American Mineralogist</i> <b>41</b> (1956), 104	<i>American Mineralogist</i> <b>73</b> (1988), 585
Osumilite-(Mg)	$\text{KMg}_2\text{Al}_3(\text{Al}_2\text{Si}_{10})\text{O}_{30}$	A	2011-083	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(4)</b> (2012), 27	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 713
Oswaldpeetersite	$(\text{UO}_2)_2(\text{CO}_3)(\text{OH})_2\cdot 4\text{H}_2\text{O}$	A	2000-034	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1685	
Otavite	$\text{Cd}(\text{CO}_3)$	G	1906	Namibia	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1906), 388	<i>American Mineralogist</i> <b>92</b> (2007), 829
Otjissimeite	$\text{PbGe}_4\text{O}_9$	A	1978-080	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 49	
Ottemannite	$\text{Sn}_2\text{S}_3$	A	1968 s.p.	Bolivia	<i>Fortschritte der Mineralogie</i> <b>42</b> (1966), 211	<i>Acta Crystallographica</i> <b>B38</b> (1982), 3022
Ottensite	$\text{Na}_3(\text{Sb}_2\text{O}_3)_3(\text{SbS}_3)\cdot 3\text{H}_2\text{O}$	A	2006-014	China	<i>Mineralogical Record</i> <b>38</b> (2007), 77	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 431
Ottohahnite	$\text{Na}_6(\text{UO}_2)_2(\text{SO}_4)_5(\text{H}_2\text{O})_7\cdot 1.5\text{H}_2\text{O}$	A	2015-098	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 753	
Ottoite	$\text{Pb}_2\text{TeO}_5$	A	2009-063	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1329	
Otréélite	$\text{Mn}^{2+}\text{Al}_2\text{O}(\text{SiO}_4)(\text{OH})_2$	G	1842	Belgium	<i>Annales des Mines</i> <b>2</b> (1842), 357	<i>Bulletin de Minéralogie</i> <b>101</b> (1978), 548
Otwayite	$\text{Ni}_2(\text{CO}_3)(\text{OH})_2\cdot \text{H}_2\text{O}$	A	1976-028	Australia	<i>American Mineralogist</i> <b>62</b> (1977), 999	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>183</b> (2006), 107
Oulankaite	$\text{Pd}_5\text{Cu}_4\text{SnTe}_2\text{S}_2$	A	1990-055	Russia	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 311	<i>Canadian Mineralogist</i> <b>42</b> (2004), 439
Ourayite	$\text{Ag}_3\text{Pb}_4\text{Bi}_5\text{S}_{13}$	A	1976-007	USA	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>131</b> (1977), 56	<i>Canadian Mineralogist</i> <b>22</b> (1984), 565
Oursinite	$\text{Co}(\text{UO}_2)_2(\text{SiO}_3\text{OH})_2\cdot 6\text{H}_2\text{O}$	A	1982-051	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>106</b> (1983), 305	<i>American Mineralogist</i> <b>91</b> (2006), 333

Ovamboite	$\text{Cu}_{10}\text{Fe}_3\text{WGe}_3\text{S}_{16}$	A	1992-039	Namibia	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>393A</b> (2003), 1329	
Overite	$\text{CaMgAl}(\text{PO}_4)_2(\text{OH}) \cdot 4\text{H}_2\text{O}$	G	1940	USA	<i>American Mineralogist</i> <b>25</b> (1940), 315	<i>American Mineralogist</i> <b>62</b> (1977), 692
Owensite	$(\text{Ba,Pb})_6(\text{Cu}^{1+}, \text{Fe}, \text{Ni})_{25}\text{S}_{27}$	A	1993-061	Canada	<i>Canadian Mineralogist</i> <b>33</b> (1995), 665	<i>Canadian Mineralogist</i> <b>33</b> (1995), 671
Owyheeite	$\text{Ag}_3\text{Pb}_{10}\text{Sb}_{11}\text{S}_{28}$	G	1921	USA	<i>American Mineralogist</i> <b>6</b> (1921), 82	<i>Canadian Mineralogist</i> <b>53</b> (2015), 879
Oxammite	$(\text{NH}_4)_2(\text{C}_2\text{O}_4) \cdot \text{H}_2\text{O}$	G	1870	Peru	<i>Rural Carolinian</i> <b>1</b> (1870), 469	<i>Acta Crystallographica</i> <b>B28</b> (1972), 3340
Oxo-magnesian-hastingsite	$\text{NaCa}_2(\text{Mg}_2\text{Fe}^{3+})_3(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{O}_2$	Rd	2012 s.p.	Tanzania	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2773	
Oxo-mangani-leakeite	$\text{NaNa}_2(\text{Mn}^{3+}_4\text{Li})\text{Si}_8\text{O}_{22}\text{O}_2$	A	2015-035	Australia	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1013	
Oxycalciochlorite	$\text{Ca}_2\text{Nb}_2\text{O}_6\text{O}$	Rd	2010 s.p.	Czech Republic	<i>Canadian Mineralogist</i> <b>17</b> (1979), 583	<i>Canadian Mineralogist</i> <b>48</b> (2010), 673
Oxycalcioroméite	$\text{Ca}_2\text{Sb}^{5+}_2\text{O}_7$	A	2012-022	Italy	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3027	
Oxy-chromium-dravite	$\text{NaCr}_3(\text{Cr}_4\text{Mg}_2)(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	A	2011-097	Russia	<i>American Mineralogist</i> <b>97</b> (2012), 2024	
Oxy-dravite	$\text{Na}(\text{Al}_2\text{Mg})(\text{Al}_5\text{Mg})(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	A	2012-004a	Kenya	<i>American Mineralogist</i> <b>98</b> (2013), 1442	<i>Mineralogical Magazine</i> <b>78</b> (2014), 681
Oxy-foitite	$\square(\text{Fe}^{2+}\text{Al}_2)\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	A	2016-069	Australia	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Oxykinoshitalite	$\text{BaMg}_2\text{Ti}^{4+}\text{O}_2(\text{Si}_2\text{Al}_2)\text{O}_{10}$	A	2004-013	Brazil	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1501	
Oxynatromicrolite	$(\text{Na,Ca,U})_2(\text{Ta,Nb})_2\text{O}_6(\text{O,F})$	A	2013-063	China	<i>Mineralogical Magazine</i> <b>81</b> (2017), 743	
Oxyphlogopite	$\text{K}(\text{Mg,Ti,Fe})_3[(\text{Si,Al})_4\text{O}_{10}](\text{O,F})_2$	A	2009-069	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(3)</b> (2010), 31	
Oxyplumboroméite	$\text{Pb}_2\text{Sb}_2\text{O}_7$	A	2013-042	Sweden	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2931	
Oxy-schorl	$\text{Na}(\text{Fe}^{2+}_2\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	A	2011-011	Czech Republic / Slovakia	<i>American Mineralogist</i> <b>98</b> (2013), 485	
Oxystannomicrolite	$\text{Sn}_2\text{Ta}_2\text{O}_6\text{O}$	Rd	2010 s.p.	Finland	<i>Bulletin de la Commission Géologique de Finlande</i> <b>229</b> (1967), 173	<i>Canadian Mineralogist</i> <b>48</b> (2010), 673
Oxystibiomicrolite	$(\text{Sb}^{3+}, \text{Ca})_2\text{Ta}_2\text{O}_6\text{O}$	Rd	2010 s.p.	Sweden	<i>Geologiska Foreningens i Stockholm Forhandlingar</i> <b>109</b> (1987), 105	<i>Canadian Mineralogist</i> <b>48</b> (2010), 673
Oxy-vanadium-dravite	$\text{NaV}_3(\text{V}_4\text{Mg}_2)(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	Rd	2012 s.p.	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(2)</b> (2001), 59	<i>American Mineralogist</i> <b>98</b> (2013), 501
Oxyvanite	$\text{V}^{3+}_2\text{V}^{4+}\text{O}_5$	A	2008-044	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(3)</b> (2009), 70	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 885
Oyelite	$\text{Ca}_{10}\text{B}_2\text{Si}_8\text{O}_{29} \cdot 12\text{H}_2\text{O}$	A	1980-103	Japan	<i>Journal of the Japanese Association of Mineralogists, Petrologists, and Economic Geologists</i> <b>79</b> (1984), 267	
Ozerovaité	$\text{Na}_2\text{KAl}_3(\text{AsO}_4)_4$	A	2016-019	Russia	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Pääkkönenite	$\text{Sb}_2\text{AsS}_2$	A	1980-063	Finland	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 480	<i>American Mineralogist</i> <b>80</b> (1995), 1054
Paarite	$\text{Cu}_{1.7}\text{Pb}_{1.7}\text{Bi}_{6.3}\text{S}_{12}$	A	2001-016	Austria	<i>Canadian Mineralogist</i> <b>43</b> (2005), 909	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1377
Pabstite	$\text{BaSnSi}_3\text{O}_9$	A	1964-022	USA	<i>American Mineralogist</i> <b>50</b> (1965), 1164	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 16
Paceite	$\text{CaCu}(\text{CH}_3\text{COO})_4 \cdot 6\text{H}_2\text{O}$	A	2001-030	Australia	<i>Mineralogical Magazine</i> <b>66</b> (2002), 459	<i>Spectrochimica Acta</i> <b>A67</b> (2007), 649

Pachnolite	NaCaAlF <sub>6</sub> ·H <sub>2</sub> O	G	1863	Denmark (Greenland)	<i>Annalen der Chemie und Pharmacie</i> <b>127</b> (1863), 61	
Packratite	Ca <sub>11</sub> (As <sup>3+</sup> V <sup>5+</sup> <sub>10</sub> V <sup>4+</sup> <sub>2</sub> As <sup>5+</sup> <sub>6</sub> O <sub>51</sub> ) <sub>2</sub> ·83H <sub>2</sub> O	A	2014-059	USA	<i>Canadian Mineralogist</i> <b>54</b> (2016), 145	
Padëraite	Cu <sub>7</sub> [(Cu,Ag) <sub>0.33</sub> Pb <sub>1.33</sub> Bi <sub>11.33</sub> ]S <sub>22</sub>	A	1983-091	Romania	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 557	<i>Canadian Mineralogist</i> <b>24</b> (1986), 513
Padmaite	PdBiSe	A	1990-048	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>120(3)</b> (1991), 85	
Paganoite	NiBi <sup>3+</sup> O(AsO <sub>4</sub> )	A	1999-043	Germany	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 167	
Pahasapaite	Li <sub>8</sub> (Ca,Li,K) <sub>10</sub> Be <sub>24</sub> (PO <sub>4</sub> ) <sub>24</sub> ·38H <sub>2</sub> O	A	1983-060b	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 433	<i>American Mineralogist</i> <b>74</b> (1989), 1195
Painite	CaZrAl <sub>9</sub> O <sub>15</sub> (BO <sub>3</sub> )	G	1957	Burma	<i>Mineralogical Magazine</i> <b>31</b> (1957), 420	<i>American Mineralogist</i> <b>89</b> (2004), 610
Pakhomovskiyite	Co <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> ·8H <sub>2</sub> O	A	2004-021	Russia	<i>Canadian Mineralogist</i> <b>44</b> (2006), 117	
Palarstanide	Pd <sub>5</sub> (Sn,As) <sub>2</sub>	A	1976-058	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 487	
Palenzonaite	(NaCa <sub>2</sub> )Mn <sup>2+</sup> <sub>2</sub> (VO <sub>4</sub> ) <sub>3</sub>	A	1986-011	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 136	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1081
Palermoite	Li <sub>2</sub> SrAl <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>4</sub>	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 354	<i>American Mineralogist</i> <b>60</b> (1975), 460
Palladinite	PdO	Q	1837	Brazil	<i>Journal für Praktische Chemie</i> <b>11</b> (1837), 311	<i>Canadian Mineralogist</i> <b>36</b> (1998), 887
Palladium	Pd	G	1804	Brazil	<i>Philosophical Transactions of the Royal Society of London</i> <b>94</b> (1804), 419	
Palladoarsenide	Pd <sub>2</sub> As	A	1973-005	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 104	<i>Journal of the Less-Common Metals</i> <b>19</b> (1969), 300
Palladobismutharsenide	Pd <sub>2</sub> (As,Bi)	A	1975-017	USA	<i>Canadian Mineralogist</i> <b>14</b> (1976), 410	
Palladodymite	Pd <sub>2</sub> As	A	1997-028	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(2)</b> (1999), 39	
Palladogermanide	Pd <sub>2</sub> Ge	A	2016-086	Canada	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Palladosilicide	Pd <sub>2</sub> Si	A	2014-080	Tanzania / South Africa	<i>Mineralogical Magazine</i> <b>79</b> (2015), 295	
Palladseite	Pd <sub>17</sub> Se <sub>15</sub>	A	1975-026	Brazil	<i>Mineralogical Magazine</i> <b>41</b> (1977), 123	<i>Acta Crystallographica</i> <b>15</b> (1962), 713
Palmierite	K <sub>2</sub> Pb(SO <sub>4</sub> ) <sub>2</sub>	G	1907	Italy	<i>Bulletin de la Société Mineralogique de France</i> <b>30</b> (1907), 219	<i>Powder Diffraction</i> <b>16</b> (2001), 92
Palygorskite	(Mg,Al) <sub>2</sub> Si <sub>4</sub> O <sub>10</sub> (OH)·4H <sub>2</sub> O	G	1862	Russia	<i>Russisch-kaiserlichen Gesellschaft für die Gesamte Mineralogie</i> (1862), 102	<i>American Mineralogist</i> <b>93</b> (2008), 667
Panasqueiraite	CaMg(PO <sub>4</sub> )(OH)	A	1978-063	Portugal	<i>Canadian Mineralogist</i> <b>19</b> (1981), 389	
Panethite	(Na,Ca,K) <sub>1-x</sub> (Mg,Fe <sup>2+</sup> ,Mn)PO <sub>4</sub>	A	1966-035	USA	<i>Geochimica et Cosmochimica Acta</i> <b>31</b> (1967), 1711	
Panguite	(Ti,Al,Sc,Mg,Zr,Ca) <sub>1.8</sub> O <sub>3</sub>	A	2010-057	Mexico (meteorite)	<i>American Mineralogist</i> <b>97</b> (2012), 1219	
Panichiite	(NH <sub>4</sub> ) <sub>2</sub> SnCl <sub>6</sub>	A	2008-005	Italy	<i>Canadian Mineralogist</i> <b>47</b> (2009), 367	

Pansnerite	$K_3Na_3(Fe^{3+},Al)_6(AsO_4)_8$	A	2016-103	Russia	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Panunzite	$K_3Na(AlSiO_4)_4$	A	1978-050	Italy	<i>American Mineralogist</i> <b>73</b> (1988), 420	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 322
Paolovite	$Pd_2Sn$	A	1972-025	Russia	<i>Geologiya Rudnykh Mestorozhdeniy</i> <b>16</b> (1974), 98	
Papagoite	$CaCuAlSi_2O_6(OH)_3$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>45</b> (1960), 599	<i>Mineralogy and Petrology</i> <b>37</b> (1987), 89
Paqueite	$Ca_3TiSi_2(Al, Ti, Si)_3O_{14}$	A	2013-053	Mexico (meteorite)	CNMNC Newsletter 17 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2997	
Para-alumohydrocalcite	$CaAl_2(CO_3)_2(OH)_4 \cdot 6H_2O$	A	1976-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 336	
Parabrandtite	$Ca_2Mn^{2+}(AsO_4)_2 \cdot 2H_2O$	A	1986-009	USA	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>157</b> (1987), 113	
Parabutlerite	$Fe^{3+}(SO_4)(OH) \cdot 2H_2O$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 669	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 185
Paracelsian	$Ba(Al_2Si_2O_8)$	G	1905	Italy	<i>Rendiconti del Regio Istituto Lombardo di Scienze e Lettere, Serie II</i> <b>38</b> (1905), 636	<i>American Mineralogist</i> <b>70</b> (1985), 969
Paracoquimbite	$Fe^{3+}_2(SO_4)_3 \cdot 9H_2O$	G	1933	Chile	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>197</b> (1933), 1132	<i>American Mineralogist</i> <b>56</b> (1971), 1567
Paracostibite	$CoSbS$	A	1969-023	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1970), 232	<i>Canadian Mineralogist</i> <b>13</b> (1975), 188
Paradamite	$Zn_2(AsO_4)(OH)$	G	1956	Mexico	<i>Science</i> <b>123</b> (1956), 1039	<i>American Mineralogist</i> <b>65</b> (1980), 353
Paradocrasite	$Sb_2(Sb,As)_2$	A	1969-011	Australia	<i>American Mineralogist</i> <b>56</b> (1971), 1127	
Parádsasvárite	$Zn_2(CO_3)(OH)_2$	A	2012-077	Hungary	<i>Mineralogy and Petrology</i> <b>109</b> (2015), 405	
Paraershovite	$Na_3K_3Fe^{3+}_2(Si_4O_{10}OH)_2(OH)_2(H_2O)_4$	A	2009-025	Russia	<i>Canadian Mineralogist</i> <b>48</b> (2010), 279	
Parafransoletite	$Ca_3Be_2(PO_4)_2(PO_3OH)_2 \cdot 4H_2O$	A	1989-049	USA	<i>American Mineralogist</i> <b>77</b> (1992), 843	<i>American Mineralogist</i> <b>77</b> (1992), 848
Parageorgbokiite	$Cu_5O_2(SeO_3)_2Cl_2$	A	2006-001	Russia	<i>Proceedings of the Russian Mineralogical Society</i> <b>135(4)</b> (2006), 24	<i>Canadian Mineralogist</i> <b>45</b> (2007), 929
Paragonite	$NaAl_2(Si_3Al)O_{10}(OH)_2$	A	1998 s.p.	Switzerland	<i>Annalen der Chemie und Pharmacie</i> <b>46</b> (1843), 325	<i>Physics and Chemistry of Minerals</i> <b>27</b> (2000), 377
Paraguanajuatite	$Bi_2Se_3$	G	1948	Mexico	<i>Bolletín de Mineralogia de Mexico</i> <b>20</b> (1948), 1	<i>Journal of Physics and Chemistry of Solids</i> <b>24</b> (1963), 479
Parahopeite	$Zn_3(PO_4)_2 \cdot 4H_2O$	G	1908	Zambia	<i>Mineralogical Magazine</i> <b>15</b> (1908), 1	<i>Zeitschrift für Kristallographie</i> <b>130</b> (1969), 261
Parakeldyshite	$Na_2ZrSi_2O_7$	A	1975-035	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>237</b> (1977), 703	<i>Crystallography Reports</i> <b>52</b> (2007), 1066
Parakuzmenkoite-Fe	$(K,Ba)_8Fe_4Ti_{16}(Si_4O_{12})_8(OH,O)_{16} \cdot 20-28H_2O$	A	2001-007	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(6)</b> (2001), 63	
Paralabuntsovite-Mg	$Na_8K_8Mg_4Ti_{16}(Si_4O_{12})_8(OH,O)_{16} \cdot 20-24H_2O$	A	2000 s.p.	USA	<i>Bulletin of the Geological Society of America</i> <b>64</b> (1958), 1614	
Paralaurionite	$PbCl(OH)$	G	1899	Greece	<i>Mineralogical Magazine</i> <b>12</b> (1899), 102	<i>Mineralogical Magazine</i> <b>57</b> (1993), 323
Paralstonite	$BaCa(CO_3)_2$	A	1979-015	USA	<i>Geological Survey of Canada Paper</i> <b>79-1C</b> (1979), 99	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 353
Paramelaconite	$Cu^{1+}_2Cu^{2+}_2O_3$	G	1891	USA	<i>Proceedings of the Academy of Natural Sciences of Philadelphia</i> (1891), 284	<i>American Mineralogist</i> <b>63</b> (1978), 180

Paramendozavilite	$\text{NaAl}_4\text{Fe}_7(\text{PO}_4)_5(\text{PMo}_{12}\text{O}_{40})(\text{OH})_{16}\cdot 56\text{H}_2\text{O}$	A	1982-010	Mexico	<i>Boletín de Mineralogía</i> <b>2(1)</b> (1986), 13	
Paramontroseite	$\text{VO}_2$	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 861	
Paranatisite	$\text{Na}_2\text{TiO}(\text{SiO}_4)$	A	1990-016	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(6)</b> (1992), 133	<i>Canadian Mineralogist</i> <b>40</b> (2002), 947
Paranatroilite	$\text{Na}_2(\text{Si}_3\text{Al}_2)\text{O}_{10}\cdot 3\text{H}_2\text{O}$	A	1978-017	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 85	<i>American Mineralogist</i> <b>90</b> (2005), 252
Paraniite-(Y)	$(\text{Ca}, \text{Y}, \text{Dy})_2\text{Y}(\text{WO}_4)_2(\text{AsO}_4)$	A	1992-018	Italy	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>74</b> (1994), 155	<i>Acta Crystallographica</i> <b>C48</b> (1992), 1357
Paraotwayite	$\text{Ni}(\text{OH})_{2-x}(\text{SO}_4, \text{CO}_3)_{0.5x}$	A	1984-045a	Australia	<i>Canadian Mineralogist</i> <b>25</b> (1987), 409	
Parapierrotite	$\text{TiSb}_5\text{S}_8$	A	1974-059	Macedonia	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>22</b> (1975), 200	<i>Zeitschrift für Kristallographie</i> <b>151</b> (1980), 203
Pararammelsbergite	$\text{NiAs}_2$	G	1940	Canada	<i>American Mineralogist</i> <b>25</b> (1940), 561	<i>American Mineralogist</i> <b>57</b> (1972), 1
Pararealgar	$\text{As}_4\text{S}_4$	A	1980-034	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 525	<i>American Mineralogist</i> <b>80</b> (1995), 400
Pararobertsite	$\text{Ca}_2\text{Mn}^{3+}_3(\text{PO}_4)_3\text{O}_2\cdot 3\text{H}_2\text{O}$	A	1987-039	USA	<i>Canadian Mineralogist</i> <b>27</b> (1989), 451	<i>American Mineralogist</i> <b>85</b> (2000), 1302
Pararsenolamprite	As	A	1999-047	Japan	<i>Mineralogical Magazine</i> <b>65</b> (2001), 807	
Parascandolaite	$\text{KMgF}_3$	A	2013-092	Italy	<i>Physics and Chemistry of Minerals</i> <b>41</b> (2014), 403	
Paraschachnerite	$\text{Ag}_3\text{Hg}_2$	A	1971-056	Germany	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>117</b> (1972), 1	<i>Mineralogical Magazine</i> <b>51</b> (1987), 318
Paraschoepite	$\text{UO}_3\cdot (2-x)\text{H}_2\text{O}$	Q	1947	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>32</b> (1947), 344	
Parascholzite	$\text{CaZn}_2(\text{PO}_4)_2\cdot 2\text{H}_2\text{O}$	A	1980-056	Germany	<i>American Mineralogist</i> <b>66</b> (1981), 843	<i>Zeitschrift für Kristallographie</i> <b>198</b> (1992), 239
Parascorodite	$\text{Fe}^{3+}(\text{AsO}_4)\cdot 2\text{H}_2\text{O}$	A	1996-061	Czech Republic	<i>American Mineralogist</i> <b>84</b> (1999), 1439	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 1003
Parasibirskite	$\text{Ca}_2\text{B}_2\text{O}_5\cdot \text{H}_2\text{O}$	A	1996-051	Japan	<i>Mineralogical Magazine</i> <b>62</b> (1998), 521	<i>Journal of Mineralogical and Petrological Sciences</i> <b>105</b> (2010), 70
Parasterryite	$\text{Ag}_4\text{Pb}_{20}(\text{Sb}, \text{As})_{24}\text{S}_{58}$	A	2010-033	Italy	<i>Canadian Mineralogist</i> <b>49</b> (2011), 623	<i>Acta Crystallographica</i> <b>B68</b> (2012), 480
Parasymplesite	$\text{Fe}^{2+}_3(\text{AsO}_4)_2\cdot 8\text{H}_2\text{O}$	G	1954	Japan	<i>Proceedings of the Japan Academy</i> <b>30</b> (1954), 318	<i>Bulletin de Minéralogie</i> <b>100</b> (1977), 310
Paratacamite	$\text{Cu}^{2+}_3(\text{Cu}, \text{Zn})(\text{OH})_6\text{Cl}_2$	G	1906	Chile	<i>Mineralogical Magazine</i> <b>14</b> (1906), 170	<i>Acta Crystallographica</i> <b>B31</b> (1975), 183
Paratacamite-(Mg)	$\text{Cu}_3(\text{Mg}, \text{Cu})\text{Cl}_2(\text{OH})_6$	A	2013-014	Chile	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3113	
Paratacamite-(Ni)	$\text{Cu}_3(\text{Ni}, \text{Cu})\text{Cl}_2(\text{OH})_6$	A	2013-013	Chile	<i>Australian Journal of Mineralogy</i> <b>17</b> (2013), 39	
Paratellurite	$\text{TeO}_2$	A	1962 s.p.	Mexico	<i>American Mineralogist</i> <b>45</b> (1960), 1272	<i>Kristallografiya</i> <b>32</b> (1987), 609
Paratimroseite	$\text{Pb}_2\text{Cu}_4(\text{TeO}_6)_2(\text{H}_2\text{O})_2$	A	2009-065	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1560	
Paratooite-(La)	$(\text{La}, \text{Ca}, \text{Na}, \text{Sr})_6\text{Cu}(\text{CO}_3)_8$	A	2005-020	Australia	<i>Mineralogical Magazine</i> <b>70</b> (2006), 131	
Paratsepinite-Ba	$(\text{Ba}, \text{Na}, \text{K})_{2-x}(\text{Ti}, \text{Nb})_2(\text{Si}_4\text{O}_{12})(\text{OH}, \text{O})_2\cdot 4\text{H}_2\text{O}$	A	2002-006	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(1)</b> (2003), 38	
Paratsepinite-Na	$(\text{Na}, \text{Sr}, \text{K}, \text{Ca})_2(\text{Ti}, \text{Nb})_2(\text{Si}_4\text{O}_{12})(\text{O}, \text{OH})_2\cdot 4\text{H}_2\text{O}$	A	2003-008	Russia	<i>Crystallography Reports</i> <b>49</b> (2004), 946	
Paraumbite	$\text{K}_3\text{Zr}_2\text{H}(\text{Si}_3\text{O}_9)_2\cdot 3\text{H}_2\text{O}$	A	1982-007	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 461	
Paravauxite	$\text{Fe}^{2+}\text{Al}_2(\text{PO}_4)_2(\text{OH})_2\cdot 8\text{H}_2\text{O}$	G	1922	Bolivia	<i>Science</i> <b>56</b> (1922), 50	<i>Mineralogical Magazine</i> <b>78</b> (2014), 841



Paravinogradovite	$(\text{Na}, \square)_2(\text{Ti}^{4+}, \text{Fe}^{3+})_4(\text{Si}_2\text{O}_6)_2(\text{Si}_3\text{AlO}_{10})(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	2002-033	Russia	<i>Canadian Mineralogist</i> <b>41</b> (2003), 989	
Parawulfite	$\text{K}_5\text{Na}_3\text{Cu}_8\text{O}_4(\text{SO}_4)_8$	A	2013-036	Russia	<i>Canadian Mineralogist</i> <b>52</b> (2014), 699	
Pargasite	$\text{NaCa}_2(\text{Mg}_4\text{Al})(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Finland	<i>Taschenbuch für die gesammte Mineralogie mit Hinsicht auf die neuesten Entdeckungen</i> <b>9</b> (1815), 301	<i>Canadian Mineralogist</i> <b>53</b> (2015), 497
Parisite-(Ce)	$\text{CaCe}_2(\text{CO}_3)_3\text{F}_2$	A	1987 s.p.	Colombia	<i>Annalen der Chemie und Pharmacie</i> <b>53</b> (1845), 147	<i>American Mineralogist</i> <b>85</b> (2000), 251
Parisite-(La)	$\text{CaLa}_2(\text{CO}_3)_3\text{F}_2$	A	2016-031	Brazil	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Parkerite	$\text{Ni}_3(\text{Bi}, \text{Pb})_2\text{S}_2$	G	1937	South Africa	<i>Transactions of the Geological Society of South Africa</i> <b>39</b> (1937), 81	<i>American Mineralogist</i> <b>58</b> (1973), 435
Parkinsonite	$\text{Pb}_7\text{MoO}_9\text{Cl}_2$	A	1991-030	United Kingdom	<i>Mineralogical Magazine</i> <b>58</b> (1994), 59	<i>Mineralogical Magazine</i> <b>74</b> (2010), 269
Parnauite	$\text{Cu}_9(\text{AsO}_4)_2(\text{SO}_4)(\text{OH})_{10} \cdot 7\text{H}_2\text{O}$	A	1978-014	USA	<i>American Mineralogist</i> <b>63</b> (1978), 704	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 693
Parsettenite	$(\text{K}, \text{Na}, \text{Ca})_{7.5}(\text{Mn}, \text{Mg})_{49}\text{Si}_{72}\text{O}_{168}(\text{OH})_{50} \cdot n\text{H}_2\text{O}$	G	1923	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>3</b> (1923), 227	<i>American Mineralogist</i> <b>79</b> (1994), 426
Parsonsite	$\text{Pb}_2(\text{UO}_2)(\text{PO}_4)_2$	G	1923	Democratic Republic of the Congo	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>176</b> (1923), 171	<i>American Mineralogist</i> <b>85</b> (2000), 801
Parthéite	$\text{Ca}_2(\text{Si}_4\text{Al}_4)\text{O}_{15}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	1978-026	Turkey	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>59</b> (1979), 5	<i>American Mineralogist</i> <b>97</b> (2012), 1866
Parwanite	$\text{NaMg}_4\text{Al}_8(\text{PO}_4)_8(\text{CO}_3)(\text{OH})_7 \cdot 30\text{H}_2\text{O}$	A	1986-036a	Australia	<i>Australian Journal of Mineralogy</i> <b>13</b> (2007), 23	<i>Inorganic Chemistry</i> <b>18</b> (1979), 2331
Parwelite	$\text{Mn}^{2+}_{10}\text{Sb}^{5+}_2\text{As}^{5+}_2\text{Si}_2\text{O}_{24}$	A	1966-023	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>4</b> (1968), 467	
Pašavaite	$\text{Pd}_3\text{Pb}_2\text{Te}_2$	A	2007-059	Russia	<i>Canadian Mineralogist</i> <b>47</b> (2009), 53	
Pascoite	$\text{Ca}_3\text{V}^{5+}_{10}\text{O}_{28} \cdot 17\text{H}_2\text{O}$	G	1914	Peru	<i>Proceedings of the American Philosophical Society</i> <b>53</b> (1914), 31	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1379
Paseroite	$\text{Pb}(\text{Mn}^{2+}, \square)(\text{Fe}^{3+}, \square)_2(\text{V}^{5+}, \text{Ti}^{4+}, \square)_{18}\text{O}_{38}$	A	2011-069	Italy	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 1061	
Patrónite	$\text{VS}_4$	Rn	2007 s.p.	Peru	<i>Engineering and Mining Journal</i> <b>82</b> (1906), 385	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1972), 339
Pattersonite	$\text{PbFe}_3(\text{PO}_4)_2(\text{OH})_5 \cdot \text{H}_2\text{O}$	A	2005-049	Germany	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 281	
Paufferite	$\text{VO}(\text{SO}_4)$	A	2005-004	Russia	<i>Canadian Mineralogist</i> <b>45</b> (2007), 921	
Pauladamsite	$\text{Cu}_4(\text{SeO}_3)(\text{SO}_4)(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	A	2015-005	USA	<i>Mineralogical Magazine</i> <b>80</b> (2016), 949	
Paulingite-Ca	$(\text{Ca}, \text{K}, \text{Na}, \text{Ba}, \square)_{10}(\text{Si}, \text{Al})_{42}\text{O}_{84} \cdot 34\text{H}_2\text{O}$	Rn	1997 s.p.	USA	<i>American Mineralogist</i> <b>67</b> (1982), 799	<i>Mineralogical Magazine</i> <b>61</b> (1997), 591
Paulingite-K	$(\text{K}, \text{Ca}, \text{Na}, \text{Ba}, \square)_{10}(\text{Si}, \text{Al})_{42}\text{O}_{84} \cdot 34\text{H}_2\text{O}$	Rn	1997 s.p.	USA	<i>American Mineralogist</i> <b>45</b> (1960), 79	<i>Science</i> <b>154</b> (1966), 1004
Paulkellerite	$\text{Bi}^{3+}_2\text{Fe}^{3+}_2\text{O}_2(\text{PO}_4)(\text{OH})_2$	A	1987-031	Germany	<i>American Mineralogist</i> <b>73</b> (1988), 870	<i>American Mineralogist</i> <b>73</b> (1988), 873
Paulkerrite	$\text{KMg}_2\text{TiFe}^{3+}_2(\text{PO}_4)_4(\text{OH})_3 \cdot 15\text{H}_2\text{O}$	A	1983-014	USA	<i>Mineralogical Record</i> <b>15</b> (1984), 303	
Paulmooreite	$\text{Pb}_2\text{As}^{3+}_2\text{O}_5$	A	1978-004	Sweden	<i>American Mineralogist</i> <b>64</b> (1979), 352	<i>American Mineralogist</i> <b>65</b> (1980), 340
Pauloabibite	$\text{NaNbO}_3$	A	2012-090	Brazil	<i>American Mineralogist</i> <b>100</b> (2015), 442	
Paulscherrerite	$(\text{UO}_2)(\text{OH})_2$	A	2008-022	Australia	<i>American Mineralogist</i> <b>96</b> (2011), 229	
Pautovite	$\text{CsFe}_2\text{S}_3$	A	2004-005	Russia	<i>Canadian Mineralogist</i> <b>43</b> (2005), 965	
Pavlovskyite	$\text{Ca}_8(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})$	A	2010-063	Russia	<i>American Mineralogist</i> <b>97</b> (2012), 503	



Pavonite	AgBi <sub>3</sub> S <sub>5</sub>	G	1954	Bolivia	<i>American Mineralogist</i> <b>39</b> (1954), 409	<i>Canadian Mineralogist</i> <b>15</b> (1977), 339
Paxite	CuAs <sub>2</sub>	A	1967 s.p.	Czech Republic	<i>Acta Universitatis Carolinae Geologica</i> (1962), 77	
Pearceite	[Ag <sub>9</sub> CuS <sub>4</sub> ][(Ag,Cu) <sub>6</sub> (As,Sb) <sub>2</sub> S <sub>7</sub> ]	Rd	2006 s.p.	USA	<i>American Journal of Science</i> <b>152</b> (1896), 17	<i>Acta Crystallographica</i> <b>B62</b> (2006), 212
Peatite-(Y)	Li <sub>4</sub> Na <sub>12</sub> (Y,Na,Ca,REE) <sub>12</sub> (PO <sub>4</sub> ) <sub>12</sub> (CO <sub>3</sub> ) <sub>4</sub> (F,OH) <sub>8</sub>	A	2009-020	Canada	<i>Canadian Mineralogist</i> <b>51</b> (2013), 569	
Pecoraite	Ni <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	A	1969-005	Australia	<i>Science</i> <b>165</b> (1969), 59	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 513
Pectolite	NaCa <sub>2</sub> Si <sub>3</sub> O <sub>8</sub> (OH)	G	1828	Italy	<i>Archiv für die Gesamte Naturlehre</i> <b>13</b> (1828), 385	<i>Zeitschrift für Kristallographie</i> <b>222</b> (2007), 696
Peisleyite	Na <sub>3</sub> Al <sub>16</sub> (PO <sub>4</sub> ) <sub>10</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>17</sub> ·20H <sub>2</sub> O	A	1981-053	Australia	<i>Mineralogical Magazine</i> <b>46</b> (1982), 449	
Pekoite	CuPbBi <sub>11</sub> S <sub>18</sub>	A	1975-014	Australia	<i>Canadian Mineralogist</i> <b>14</b> (1976), 322	
Pekovite	SrB <sub>2</sub> Si <sub>2</sub> O <sub>8</sub>	A	2003-035	Tajikistan	<i>Canadian Mineralogist</i> <b>42</b> (2004), 107	
Péligotite	Na <sub>6</sub> (UO <sub>2</sub> )(SO <sub>4</sub> ) <sub>4</sub> (H <sub>2</sub> O) <sub>4</sub>	A	2015-088	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 753	
Pellouxite	(Cu,Ag) <sub>2</sub> Pb <sub>21</sub> Sb <sub>23</sub> S <sub>55</sub> ClO	A	2001-033	Italy	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 839	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 845
Pellyite	Ba <sub>2</sub> CaFe <sup>2+</sup> <sub>2</sub> Si <sub>6</sub> O <sub>17</sub>	A	1970-035	Canada	<i>Canadian Mineralogist</i> <b>11</b> (1972), 444	<i>American Mineralogist</i> <b>61</b> (1976), 67
Penberthycroftite	[Al <sub>6</sub> (AsO <sub>4</sub> ) <sub>3</sub> (OH) <sub>9</sub> (H <sub>2</sub> O) <sub>5</sub> ]·8H <sub>2</sub> O	A	2015-025	United Kingdom	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1149	
Penfieldite	Pb <sub>2</sub> Cl <sub>3</sub> (OH)	G	1892	Greece	<i>American Journal of Science</i> <b>44</b> (1892), 260	<i>Mineralogical Magazine</i> <b>59</b> (1995), 341
Penikisite	BaMg <sub>2</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>3</sub>	A	1976-023	Canada	<i>Canadian Mineralogist</i> <b>15</b> (1977), 393	<i>Acta Crystallographica</i> <b>E69</b> (2013), i4
Penkviksite	Na <sub>2</sub> TiSi <sub>4</sub> O <sub>11</sub> ·2H <sub>2</sub> O	A	1973-016	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>217</b> (1974), 1161	<i>American Mineralogist</i> <b>79</b> (1994), 1185
Pennantite	Mn <sup>2+</sup> <sub>5</sub> Al(Si <sub>3</sub> Al)O <sub>10</sub> (OH) <sub>8</sub>	G	1946	United Kingdom	<i>Mineralogical Magazine</i> <b>27</b> (1946), 217	<i>Canadian Mineralogist</i> <b>21</b> (1983), 545
Penobsquisite	Ca <sub>2</sub> Fe <sup>2+</sup> [B <sub>9</sub> O <sub>13</sub> (OH) <sub>6</sub> ]Cl·4H <sub>2</sub> O	A	1995-014	Canada	<i>Canadian Mineralogist</i> <b>34</b> (1996), 657	
Penroseite	(Ni,Co,Cu)Se <sub>2</sub>	G	1926	Bolivia	<i>Proceedings of the Academy of Natural Sciences of Philadelphia</i> <b>77</b> (1926) 317	<i>Acta Chemica Scandinavica</i> <b>23</b> (1969), 2325
Pentagonite	CaV <sup>4+</sup> OSi <sub>4</sub> O <sub>10</sub> ·4H <sub>2</sub> O	A	1971-039	USA	<i>American Mineralogist</i> <b>58</b> (1973), 405	<i>American Mineralogist</i> <b>58</b> (1973), 412
Pentahydrate	Mg(SO <sub>4</sub> )·5H <sub>2</sub> O	G	1951	USA	The System of Mineralogy, Vol. II, 7th ed. Wiley, New York (1951), 492	<i>Acta Crystallographica</i> <b>B28</b> (1972), 1448
Pentahydroborite	CaB <sub>2</sub> O(OH) <sub>6</sub> ·2H <sub>2</sub> O	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>90</b> (1961), 673	<i>Soviet Physics - Crystallography</i> <b>22</b> (1977), 35
Pentlandite	(Ni,Fe) <sub>9</sub> S <sub>8</sub>	G	1856	United Kingdom	Traité de Minéralogie, Vol. 2. Dalmont, Paris (1856), 549	<i>American Mineralogist</i> <b>91</b> (2006), 1442
Penzhinite	(Ag,Cu) <sub>4</sub> Au(S,Se) <sub>4</sub>	A	1982-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 356	
Perossiite-(Ce)	(Ce,La)(Al <sub>3</sub> O) <sub>2/3</sub> B <sub>4</sub> O <sub>10</sub>	Rd	1990-002	Italy	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 53	<i>American Mineralogist</i> <b>85</b> (2000), 586
Perbøeite-(Ce)	(CaCe <sub>3</sub> )(Al <sub>3</sub> Fe <sup>2+</sup> )(Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> ) <sub>3</sub> O(OH) <sub>2</sub>	A	2011-055	Norway	<i>American Mineralogist</i> <b>99</b> (2014), 157	
Percleveite-(Ce)	Ce <sub>2</sub> Si <sub>2</sub> O <sub>7</sub>	A	2002-023	Sweden	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 725	
Peretaite	CaSb <sup>3+</sup> <sub>4</sub> O <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O	A	1979-068	Italy	<i>American Mineralogist</i> <b>65</b> (1980), 936	<i>American Mineralogist</i> <b>65</b> (1980), 940
Perettiite-(Y)	Y <sub>2</sub> Mn <sup>2+</sup> <sub>4</sub> Fe <sup>2+</sup> Si <sub>2</sub> B <sub>8</sub> O <sub>24</sub>	A	2014-109	Myanmar	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 793	
Perhamite	Ca <sub>3</sub> Al <sub>7.7</sub> Si <sub>3</sub> P <sub>4</sub> O <sub>23.5</sub> (OH) <sub>14.1</sub> ·8H <sub>2</sub> O	A	1975-019	USA	<i>Mineralogical Magazine</i> <b>41</b> (1977), 437	<i>Mineralogical Magazine</i> <b>70</b> (2006), 201

Periclase	MgO	G	1841	Italy	Memorie mineralogiche e geologiche della Campania. Napoli (1841), 16	<i>Acta Crystallographica</i> <b>B54</b> (1998), 8
Perite	PbBiO <sub>2</sub> Cl	A	1962 s.p.	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>2</b> (1960), 565	<i>Australian Journal of Mineralogy</i> <b>9</b> (2003), 87
Perlialite	K <sub>9</sub> NaCa(Si <sub>24</sub> Al <sub>12</sub> )O <sub>72</sub> ·15H <sub>2</sub> O	A	1982-032	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 607	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 749
Perloffite	BaMn <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>3</sub>	A	1976-002	USA	<i>Mineralogical Record</i> <b>8</b> (1977), 112	<i>Mineralogical Magazine</i> <b>75</b> (2011), 317
Permingeatite	Cu <sub>3</sub> SbSe <sub>4</sub>	A	1971-003	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 162	<i>Canadian Mineralogist</i> <b>52</b> (2014), 501
Perovskite	CaTiO <sub>3</sub>	G	1839	Russia	<i>Annalen der Physik und Chemie</i> <b>48</b> (1839), 551	<i>Acta Crystallographica</i> <b>E64</b> (2008), i65
Perraultite	BaNamn <sub>4</sub> Ti <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> O <sub>2</sub> (OH) <sub>2</sub> F	Rd	1984-033	Canada	<i>Canadian Mineralogist</i> <b>29</b> (1991), 355	<i>Crystallography Reports</i> <b>43</b> (1998), 401
Perrierite-(Ce)	Ce <sub>4</sub> MgFe <sup>3+</sup> <sub>2</sub> Ti <sub>2</sub> O <sub>8</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub>	A	1987 s.p.	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Serie VIII</i> <b>9</b> (1950), 361	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1647
Perrierite-(La)	(La,Ce,Ca) <sub>4</sub> (Fe <sup>2+</sup> ,Mn)(Ti,Fe <sup>3+</sup> ,Al) <sub>4</sub> [(Si <sub>2</sub> O <sub>7</sub> )O <sub>4</sub> ] <sub>2</sub>	A	2010-089	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140(6)</b> (2011), 34	
Perrouditite	Ag <sub>4</sub> Hg <sub>5</sub> S <sub>5</sub> (I,Br) <sub>2</sub> Cl <sub>2</sub>	A	1986-035	France	<i>American Mineralogist</i> <b>72</b> (1987), 1251	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>181</b> (2005), 1
Perryite	(Ni,Fe) <sub>8</sub> (Si,P) <sub>3</sub>	A	1968 s.p.	Malawi / Oman (meteorite)	<i>Mineralogical Magazine</i> <b>36</b> (1968), 850	<i>Acta Crystallographica</i> <b>C47</b> (1991), 1358
Pertlikite	K <sub>2</sub> (Fe <sup>2+</sup> ,Mg) <sub>2</sub> (Mg,Fe <sup>3+</sup> ) <sub>4</sub> Fe <sup>3+</sup> <sub>2</sub> Al(SO <sub>4</sub> ) <sub>12</sub> ·18H <sub>2</sub> O	A	2005-055	Iran	<i>Canadian Mineralogist</i> <b>46</b> (2008), 661	
Pertsevite-(F)	Mg <sub>2</sub> (BO <sub>3</sub> )F	A	2002-030	Russia	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1007	
Pertsevite-(OH)	Mg <sub>2</sub> (BO <sub>3</sub> )(OH)	A	2008-060	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 953	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 951
Petalite	LiAlSi <sub>4</sub> O <sub>10</sub>	G	1800	Sweden	<i>Allgemeines Journal der Chemie</i> <b>4</b> (1800), 28	<i>Zeitschrift für Kristallographie</i> <b>160</b> (1982), 159
Petarasite	Na <sub>5</sub> Zr <sub>2</sub> Si <sub>6</sub> O <sub>18</sub> (Cl,OH)·2H <sub>2</sub> O	A	1979-063	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 497	<i>Canadian Mineralogist</i> <b>18</b> (1980), 503
Petedunnite	CaZnSi <sub>2</sub> O <sub>6</sub>	A	1983-073	USA	<i>American Mineralogist</i> <b>72</b> (1987), 157	<i>American Mineralogist</i> <b>97</b> (2012), 739
Peterandresenite	Mn <sub>4</sub> Nb <sub>6</sub> O <sub>19</sub> ·14H <sub>2</sub> O	A	2012-084	Norway	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 567	
Peterbaylissite	Hg <sub>3</sub> (CO <sub>3</sub> )(OH)·2H <sub>2</sub> O	A	1993-041	USA	<i>Canadian Mineralogist</i> <b>33</b> (1995), 47	
Petersenite-(Ce)	Na <sub>4</sub> Ce <sub>2</sub> (CO <sub>3</sub> ) <sub>5</sub>	A	1992-048	Canada	<i>Canadian Mineralogist</i> <b>32</b> (1994), 405	
Petersite-(Ce)	Cu <sub>6</sub> Ce(PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	2014-002	USA	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1505	
Petersite-(Y)	Cu <sub>6</sub> Y(PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	1981-064	USA	<i>American Mineralogist</i> <b>67</b> (1982), 1039	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 487
Petewilliamsite	(Ni,Co) <sub>30</sub> (As <sub>2</sub> O <sub>7</sub> ) <sub>15</sub>	A	2002-059	Germany	<i>Mineralogical Magazine</i> <b>68</b> (2004), 231	
Petitjeanite	Bi <sub>3</sub> O(PO <sub>4</sub> ) <sub>2</sub> (OH)	A	1992-013	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1993), 487	
Petříčekite	CuSe <sub>2</sub>	A	2015-111	Czech Republic	<i>Minerals</i> <b>6</b> (2016), 33	
Petrovicite	Cu <sub>3</sub> HgPbBiSe <sub>5</sub>	A	1975-010	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>99</b> (1976), 310	
Petrovskaitite	AuAgS	A	1983-079	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 602	

Petrukite	$(\text{Cu,Ag})_2(\text{Fe,Zn})(\text{Sn,In})\text{S}_4$	A	1985-052	Canada / Japan	<i>Canadian Mineralogist</i> <b>27</b> (1989), 673	
Petscheckite	$\text{U}^{4+}\text{Fe}^{2+}\text{Nb}_2\text{O}_8$	A	1975-038	Madagascar	<i>American Mineralogist</i> <b>63</b> (1978), 941	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2004), 163
Petterdite	$\text{PbCr}_2(\text{CO}_3)_2(\text{OH})_4\cdot\text{H}_2\text{O}$	A	1999-034	Australia	<i>Canadian Mineralogist</i> <b>38</b> (2000), 1467	
Petzite	$\text{Ag}_3\text{AuTe}_2$	G	1845	Romania	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 556	<i>American Mineralogist</i> <b>44</b> (1959), 693
Pezzottaite	$\text{CsLiBe}_2\text{Al}_2\text{Si}_6\text{O}_{18}$	A	2003-022	Madagascar	<i>Gems &amp; Gemology</i> <b>39</b> (2003), 284	<i>Mineralogical Record</i> <b>35</b> (2004), 369
Pharmacoalumite	$\text{KAl}_4(\text{AsO}_4)_3(\text{OH})_4\cdot 6.5\text{H}_2\text{O}$	Rn	1980-002	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 97	<i>Mineralogical Magazine</i> <b>74</b> (2010), 929
Pharmacolite	$\text{Ca}(\text{AsO}_3\text{OH})\cdot 2\text{H}_2\text{O}$	G	1800	Germany	Mineralogische Tabellen. Rottmann, Berlin (1800), 75	<i>Acta Crystallographica</i> <b>B27</b> (1971), 349
Pharmacosiderite	$\text{KFe}^{3+}_4(\text{AsO}_4)_3(\text{OH})_4\cdot 6-7\text{H}_2\text{O}$	G	1813	United Kingdom	Handbuch der Mineralogie, Vol. 3. Vandenhoek und Ruprecht, Göttingen (1813), 1065	<i>Mineralogical Magazine</i> <b>74</b> (2010), 487
Pharmazincite	$\text{KZn}(\text{AsO}_4)$	A	2014-015	Russia	<i>Mineralogical Magazine</i> <b>81</b> (2017), 1001	
Phaunouxite	$\text{Ca}_3(\text{AsO}_4)_2\cdot 11\text{H}_2\text{O}$	A	1980-062	France	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 327	<i>Acta Crystallographica</i> <b>B39</b> (1983), 4
Phenakite	$\text{Be}_2(\text{SiO}_4)$	G	1833	Russia	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> (1833), 160	<i>Physics and Chemistry of Minerals</i> <b>13</b> (1986), 69
Philipsbornite	$\text{PbAl}_3(\text{AsO}_4)(\text{AsO}_3\text{OH})(\text{OH})_6$	A	1981-029	Australia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1982), 1	
Philipsburgite	$(\text{Cu,Zn})_6(\text{AsO}_4,\text{PO}_4)_2(\text{OH})_6\cdot\text{H}_2\text{O}$	A	1984-029	USA	<i>Canadian Mineralogist</i> <b>23</b> (1985), 255	<i>Mineralogical Magazine</i> <b>52</b> (1988), 529
Phillipsite-Ca	$\text{Ca}_3(\text{Si}_{10}\text{Al}_6)\text{O}_{32}\cdot 12\text{H}_2\text{O}$	A	1997 s.p.	USA	<i>American Mineralogist</i> <b>54</b> (1969), 182	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 827
Phillipsite-K	$\text{K}_6(\text{Si}_{10}\text{Al}_6)\text{O}_{32}\cdot 12\text{H}_2\text{O}$	A	1997 s.p.	Italy	Handbuch der Mineralogie. von Veit, Leipzig (1897)	<i>Acta Crystallographica</i> <b>B30</b> (1974), 2426
Phillipsite-Na	$\text{Na}_6(\text{Si}_{10}\text{Al}_6)\text{O}_{32}\cdot 12\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>Annals of Philosophy</i> <b>10</b> (1825), 361	<i>American Mineralogist</i> <b>57</b> (1972), 1125
Philolithite	$\text{Pb}_{12}\text{O}_6\text{Mn}_7(\text{SO}_4)(\text{CO}_3)_4\text{Cl}_4(\text{OH})_{12}$	A	1996-020	Sweden	<i>Mineralogical Record</i> <b>29</b> (1998), 201	<i>American Mineralogist</i> <b>85</b> (2000), 810
Philoxenite	$(\text{K,Na,Pb})_4(\text{Na,Ca})_2(\text{Mg,Cu})_3(\text{Fe}^{3+}_{0.5}\text{Al}_{0.5})(\text{SO}_4)_8$	A	2015-108	Russia	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Philrothite	$\text{TlAs}_3\text{S}_5$	A	2013-066	Switzerland	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1	
Phlogopite	$\text{KMg}_3(\text{AlSi}_3\text{O}_{10})(\text{OH})_2$	G	1841	unknown	Vollständiges Handbuch der Mineralogie, Vol. 2. Arnoldische, Dresden-Leipzig (1841), 398	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1333
Phoenicochroite	$\text{Pb}_2\text{O}(\text{CrO}_4)$	A	1980 s.p.	Russia	Grundriss der Mineralogie, mit Einschluss der Geognosie und Petrefactenkunde. Schrag, Nurnberg (1839), 612	<i>American Mineralogist</i> <b>55</b> (1970), 784
Phosgenite	$\text{Pb}_2(\text{CO}_3)\text{Cl}_2$	G	1841	unknown	Vollständiges Handbuch der Mineralogie, Vol. 2. Arnoldische, Dresden-Leipzig (1841), 183	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>21</b> (1974), 101
Phosinaite-(Ce)	$\text{Na}_{13}\text{Ca}_2\text{Ce}(\text{SiO}_3)_4(\text{PO}_4)_4$	A	1973-058	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 567	<i>Canadian Mineralogist</i> <b>34</b> (1996), 107
Phosphammite	$(\text{NH}_4)_2(\text{PO}_3\text{OH})$	G	1870	Peru	<i>The Rural Carolinian</i> <b>1</b> (1870), 469	<i>Mineralogical Magazine</i> <b>39</b> (1973), 346
Phosphoellenbergerite	$(\text{Mg},\square)_2\text{Mg}_{12}(\text{PO}_4,\text{PO}_3\text{OH})_6(\text{PO}_3\text{OH},\text{CO}_3)_2(\text{OH})_6$	A	1994-006	Italy	<i>American Mineralogist</i> <b>81</b> (1996), 385	
Phosphoferrite	$\text{Fe}^{2+}_3(\text{PO}_4)_2\cdot 3\text{H}_2\text{O}$	Rd	1980 s.p.	Germany	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>55</b> (1920), 523	<i>Inorganic Chemistry</i> <b>15</b> (1976), 316

Phosphofibrite	$(\text{H}_2\text{O},\text{K})_{3.5}\text{Fe}^{3+}_8(\text{PO}_4)_6(\text{OH})_7 \cdot 5\text{H}_2\text{O}$	A	1982-082	Germany	<i>Chemie der Erde</i> <b>43</b> (1984), 11	<i>American Mineralogist</i> <b>94</b> (2009), 720
Phosphogartrellite	$\text{PbCuFe}^{3+}(\text{PO}_4)_2(\text{OH},\text{H}_2\text{O})_2$	A	1996-035	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 111	
Phosphohedyphane	$\text{Ca}_2\text{Pb}_3(\text{PO}_4)_3\text{Cl}$	A	2005-026	Chile	<i>American Mineralogist</i> <b>91</b> (2006), 1909	
Phosphoinnelite	$\text{Na}_3\text{Ba}_4\text{Ti}_3\text{Si}_4\text{O}_{14}(\text{PO}_4)_2\text{O}_2\text{F}$	A	2005-022	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(3)</b> (2006), 52	
Phosphophyllite	$\text{Zn}_2\text{Fe}^{2+}(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	G	1920	Germany	<i>Zeitschrift für Krystallographie und Mineralogie</i> <b>55</b> (1920), 523	<i>American Mineralogist</i> <b>62</b> (1977), 812
Phosphorösslerite	$\text{Mg}(\text{PO}_3\text{OH}) \cdot 7\text{H}_2\text{O}$	G	1939	Austria	<i>Centralblatt für Mineralogie</i> (1939), 142	<i>Zeitschrift für Kristallographie</i> <b>137</b> (1973), 246
Phosphosiderite	$\text{Fe}^{3+}(\text{PO}_4) \cdot 2\text{H}_2\text{O}$	Rn	1967 s.p.	Germany	<i>Zeitschrift für Krystallographie und Mineralogie</i> <b>17</b> (1890), 555	<i>American Mineralogist</i> <b>51</b> (1966), 168
Phosphovanadylite-Ba	$\text{Ba}[\text{V}^{4+}_4\text{P}_2\text{O}_{12}(\text{OH})_4] \cdot 12\text{H}_2\text{O}$	Rn	1996-037	USA	<i>American Mineralogist</i> <b>83</b> (1998), 889	
Phosphovanadylite-Ca	$\text{Ca}[\text{V}^{4+}_4\text{P}_2\text{O}_{12}(\text{OH})_4] \cdot 12\text{H}_2\text{O}$	A	2011-101	USA	<i>American Mineralogist</i> <b>98</b> (2013), 439	
Phosphowalpurkite	$(\text{UO}_2)\text{Bi}_4\text{O}_4(\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	2001-062	Czech Republic	<i>Canadian Mineralogist</i> <b>42</b> (2004), 963	
Phosphuranylite	$\text{KCa}(\text{H}_3\text{O})_3(\text{UO}_2)_7(\text{PO}_4)_4\text{O}_4 \cdot 8\text{H}_2\text{O}$	G	1879	USA	<i>American Chemical Journal</i> <b>1</b> (1879), 87	<i>Acta Crystallographica</i> <b>B47</b> (1991), 439
Phuralumite	$\text{Al}_2(\text{UO}_2)_3(\text{PO}_4)_2(\text{OH})_6 \cdot 10\text{H}_2\text{O}$	A	1978-044	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>102</b> (1979), 333	<i>Acta Crystallographica</i> <b>B35</b> (1979), 1880
Phurcalite	$\text{Ca}_2(\text{UO}_2)_3\text{O}_2(\text{PO}_4)_2 \cdot 7\text{H}_2\text{O}$	A	1977-040	Germany	<i>Bulletin de Minéralogie</i> <b>101</b> (1978), 356	<i>Canadian Mineralogist</i> <b>29</b> (1991), 95
Phylloreline	$\text{C}_{18}\text{H}_{18}$	Q	1839	Denmark ?	Kongelige Danske Videnskabernes Selskab Forhandling (1839)	Mineralogische Tabellen, 5th ed. Akademische Verlagsgesellschaft, Leipzig (1970), 496
Phyllotungstite	$\text{HCaFe}^{3+}_3(\text{WO}_4)_6 \cdot 10\text{H}_2\text{O}$	A	1984-018	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 529	
Piccoliite	$\text{NaCaMn}^{3+}_2(\text{AsO}_4)_2\text{O}(\text{OH})$	A	2017-016	Italy	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Pickeringite	$\text{MgAl}_2(\text{SO}_4)_4 \cdot 22\text{H}_2\text{O}$	G	1844	Chile	<i>American Journal of Science and Arts</i> <b>46</b> (1844), 360	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 1131
Picotpaulite	$\text{TlFe}_2\text{S}_3$	A	1970-031	Macedonia	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 545	<i>Acta Chimica Slovenica</i> <b>55</b> (2008), 801
Picromerite	$\text{K}_2\text{Mg}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	1982 s.p.	Italy	Memoria sullo incendio vesuviano del mese di Maggio 1855. Nobile, Napoli (1855), 192	<i>Zeitschrift für Kristallographie</i> <b>122</b> (1965), 161
Picropharmacolite	$\text{Ca}_4\text{Mg}(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2 \cdot 11\text{H}_2\text{O}$	G	1819	Germany	<i>Annalen der Physik</i> <b>61</b> (1819), 177	<i>American Mineralogist</i> <b>66</b> (1981), 385
Pieczkaite	$\text{Mn}_5(\text{PO}_4)_3\text{Cl}$	A	2014-005	Canada	<i>American Mineralogist</i> <b>100</b> (2015), 1047	
Piemontite	$\text{Ca}_2(\text{Al}_2\text{Mn}^{3+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	A	1962 s.p.	Italy	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 74	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 23
Piemontite-(Pb)	$\text{CaPbAl}_2\text{Mn}^{3+}[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	A	2011-087	Macedonia	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>189</b> (2012), 275	
Piemontite-(Sr)	$\text{CaSr}(\text{Al}_2\text{Mn}^{3+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	Rn	1989-031	Italy	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 519	
Piergorite-(Ce)	$\text{Ca}_8\text{Ce}_2\text{AlLiSi}_6\text{B}_8\text{O}_{36}(\text{OH})_2$	A	2005-008	Italy	<i>American Mineralogist</i> <b>91</b> (2006), 1170	

Pierrotite	$Tl_2(Sb,As)_{10}S_{16}$	A	1969-036	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 66	<i>Zeitschrift für Kristallographie</i> <b>165</b> (1983), 209
Pigeonite	$(Mg,Fe,Ca)_2Si_2O_6$	A	1988 s.p.	USA	<i>American Geologist</i> <b>26</b> (1900), 204	<i>American Mineralogist</i> <b>88</b> (2003), 1115
Pigotite	$Al_4C_6H_5O_{10} \cdot 13H_2O$ (?)	Q	1840	United Kingdom	<i>Philosophical Magazine</i> <b>17</b> (1840), 382	
Pilawite-(Y)	$Ca_2Y_2Al_4(SiO_4)_4O_2(OH)_2$	A	2013-125	Poland	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1143	
Pillaite	$Pb_9Sb_{10}S_{23}ClO_{0.5}$	A	1997-042	Italy	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 605	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 779
Pilsenite	$Bi_4Te_3$	Rd	1982 s.p.	Hungary	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 121	<i>Acta Crystallographica</i> <b>B35</b> (1979), 147
Pinakiolite	$(Mg,Mn)_2(Mn^{3+},Sb^{5+})O_2(BO_3)$	G	1890	Sweden	<i>Zeitschrift für Kristallographie</i> <b>18</b> (1890), 361	<i>American Mineralogist</i> <b>59</b> (1974), 985
Pinalite	$Pb_3(WO_4)OCl_2$	A	1988-025	USA	<i>American Mineralogist</i> <b>74</b> (1989), 934	<i>American Mineralogist</i> <b>85</b> (2000), 806
Pinchite	$Hg_5O_4Cl_2$	A	1973-052	USA	<i>Canadian Mineralogist</i> <b>12</b> (1974), 417	<i>American Mineralogist</i> <b>79</b> (1994), 1199
Pingguite	$Bi_6Te^{4+}_2O_{13}$	A	1993-019	China	<i>Acta Mineralogica Sinica</i> <b>14</b> (1994), 315	
Pinnoite	$MgB_2O(OH)_6$	G	1884	Germany	<i>Berichte der Deutschen Chemischen Gesellschaft</i> <b>17</b> (1884), 1584	<i>Soviet Physics - Crystallography</i> <b>28</b> (1983), 475
Pintadoite	$Ca_2V^{5+}_2O_7 \cdot 9H_2O$	Q	1914	USA	<i>Journal of the Washington Academy of Sciences</i> <b>4</b> (1914), 576	
Piretite	$Ca(UO_2)_3(Se^{4+}O_3)_2(OH)_4 \cdot 4H_2O$	A	1996-002	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1317	
Pirquitasite	$Ag_2ZnSnS_4$	A	1980-091	Argentina	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 229	<i>Acta Crystallographica</i> <b>E69</b> (2013), i8
Pirssonite	$Na_2Ca(CO_3)_2 \cdot 2H_2O$	A	1896	USA	<i>American Journal of Science</i> <b>152</b> (1896), 123	<i>Journal of Mineralogy and Geochemistry</i> <b>190</b> (2013), 221
Pisekrite-(Y)	$(Y,As,Ca,Fe,U)(Nb,Ti,Ta)O_4$	Q	1923	Czech Republic	<i>Časopis pro Mineralogii a Geologii</i> <b>1</b> (1923), 2	<i>Lithos</i> <b>5</b> (1972), 93
Pitiglianoite	$K_2Na_6(Si_6Al_6)O_{24}(SO_4) \cdot 2H_2O$	A	1990-012	Italy	<i>American Mineralogist</i> <b>76</b> (1991), 2003	<i>Microporous and Mesoporous Materials</i> <b>99</b> (2007), 225
Pitticite	$[Fe,AsO_4,SO_4,H_2O]$ (?)	Q	1813	Germany	Handbuch der Mineralogie, Vol. 1. Vandenhoek und Ruprecht, Göttingen (1813), 285	<i>Mineralogical Magazine</i> <b>46</b> (1982), 261
Pittongite	$(Na,H_2O)_{0.7}(W,Fe^{3+})(O,OH)_3$	A	2005-034a	Australia	<i>Canadian Mineralogist</i> <b>45</b> (2007), 857	<i>Journal of Solid State Chemistry</i> <b>179</b> (2006), 3860
Piypite	$K_4Cu_4O_2(SO_4)_4 \cdot (Na,Cu)Cl$	A	1982-097	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>275</b> (1984), 714	<i>Mineralogical Magazine</i> <b>64</b> (2000), 1099
Pizgrischite	$(Cu,Fe)Cu_{14}PbBi_{17}S_{34}$	A	2001-002	Switzerland	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1229	
Plagionite	$Pb_5Sb_8S_{17}$	G	1833	Germany	<i>Annalen der Physik</i> <b>2</b> (1833), 421	<i>Zeitschrift für Kristallographie</i> <b>139</b> (1974), 351
Plancheite	$Cu_8(Si_4O_{11})_2(OH)_4 \cdot H_2O$	Rd	1967 s.p.	Republic of the Congo	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>146</b> (1908), 722	<i>American Mineralogist</i> <b>62</b> (1977), 491
Planerite	$Al_6(PO_4)_2(PO_3OH)_2(OH)_8 \cdot 4H_2O$	Rd	1998 s.p.	Russia	<i>Bulletin de la Société Impériale des Naturalistes de Moscou</i> <b>35</b> (1862), 240	<i>Mineralogical Magazine</i> <b>62</b> (1998), 63
Plášilite	$Na(UO_2)(SO_4)(OH) \cdot 2H_2O$	A	2014-021	USA	<i>Journal of Geosciences</i> <b>60</b> (2015), 1	
Platarsite	$PtAsS$	A	1976-050	South Africa	<i>Canadian Mineralogist</i> <b>15</b> (1977), 385	<i>Canadian Mineralogist</i> <b>17</b> (1979), 117
Platinum	Pt	G	1750	Colombia	<i>Philosophical Transactions of the Royal Society of London</i> <b>46</b> (1750), 584	<i>Canadian Mineralogist</i> <b>30</b> (1992), 955

Plattnerite	PbO <sub>2</sub>	G	1845	United Kingdom	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 499	<i>Acta Crystallographica</i> <b>B36</b> (1980), 2394
Plavnoite	K <sub>0,8</sub> Mn <sub>0,6</sub> [(UO <sub>2</sub> ) <sub>2</sub> O <sub>2</sub> (SO <sub>4</sub> )]·3.5H <sub>2</sub> O	A	2015-059	Czech Republic	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 117	
Playfairite	Pb <sub>16</sub> (Sb,As) <sub>19</sub> S <sub>44</sub> Cl	A	1966-019	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	
Plimerite	ZnFe <sup>3+</sup> <sub>4</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>5</sub>	A	2008-013	Australia	<i>Mineralogical Magazine</i> <b>73</b> (2009), 131	
Plombièreite	Ca <sub>4</sub> Si <sub>6</sub> O <sub>16</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ·(Ca·5H <sub>2</sub> O)	Rd	2014 s.p.	France	<i>Annales des Mines</i> <b>13</b> (1858), 227	<i>Journal of the American Ceramic Society</i> <b>88</b> (2005), 505
Plumboagardite	(Pb,REE,Ca)Cu <sub>6</sub> (AsO <sub>4</sub> ) <sub>3</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	2003-031a	Germany	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>181</b> (2005), 219	
Plumboferrite	Pb <sub>2</sub> (Fe <sup>3+</sup> ,Mn <sup>2+</sup> ,Mg) <sub>11</sub> O <sub>19</sub>	G	1881	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>38</b> (1881), 27	<i>American Mineralogist</i> <b>80</b> (1995), 1065
Plumbogummite	PbAl <sub>3</sub> (PO <sub>4</sub> )(PO <sub>3</sub> OH)(OH) <sub>6</sub>	Rd	1999 s.p.	France	Nouveau Système de Minéralogie. Méquignon-Marvis, Paris (1819), 282	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 513
Plumbojarosite	Pb <sub>0,5</sub> Fe <sup>3+</sup> <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	Rd	1987 s.p.	USA	<i>American Journal of Science</i> <b>14</b> (1902), 211	<i>Canadian Mineralogist</i> <b>48</b> (2010), 651
Plumbonacrite	Pb <sub>5</sub> (CO <sub>3</sub> ) <sub>3</sub> O(OH) <sub>2</sub>	Rd	1889	United Kingdom	<i>Mineralogical Magazine</i> <b>8</b> (1889), 200	<i>Mineralogical Magazine</i> <b>64</b> (2000), 1069
Plumbopalladinite	Pd <sub>3</sub> Pb <sub>2</sub>	A	1970-020	Russia	<i>Geologiya Rudnykh Mestorozhdeniy</i> <b>5</b> (1970), 63	
Plumbopharmacosiderite	Pb <sub>0,5</sub> Fe <sup>3+</sup> <sub>4</sub> (AsO <sub>4</sub> ) <sub>3</sub> (OH) <sub>4</sub> ·5H <sub>2</sub> O	A	2016-109	Italy	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Plumbophyllite	Pb <sub>2</sub> Si <sub>4</sub> O <sub>10</sub> ·H <sub>2</sub> O	A	2008-025	USA	<i>American Mineralogist</i> <b>94</b> (2009), 1198	
Plumboselite	Pb <sub>3</sub> O <sub>2</sub> (SeO <sub>3</sub> )	A	2010-028	Namibia	<i>Mineralogy and Petrology</i> <b>101</b> (2011), 75	
Plumbotellurite	Pb(Te <sup>4+</sup> O <sub>3</sub> )	A	1980-102	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>262</b> (1982), 1231	
Plumbotsumite	Pb <sub>5</sub> Si <sub>4</sub> O <sub>8</sub> (OH) <sub>10</sub>	A	1979-049	Namibia	<i>Chemie der Erde</i> <b>41</b> (1982), 1	
Plumosite	Pb <sub>2</sub> Sb <sub>2</sub> S <sub>5</sub>	Q	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845)	<i>Geologia Carpathica</i> <b>48</b> (1997), 387
Podlesnoite	Ca <sub>2</sub> Ba(CO <sub>3</sub> ) <sub>2</sub> F <sub>2</sub>	A	2006-033	Russia	<i>Mineralogical Record</i> <b>39</b> (2008), 137	<i>Zeitschrift für Kristallographie</i> <b>222</b> (2007), 474
Poitevinite	Cu(SO <sub>4</sub> )·H <sub>2</sub> O	A	1963-010	Canada	<i>Canadian Mineralogist</i> <b>8</b> (1964), 109	<i>Canadian Mineralogist</i> <b>32</b> (1994), 873
Pokrovskite	Mg <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>2</sub>	A	1982-054	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 90	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 787
Polarite	Pd(Bi,Pb)	A	1969-032	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>98</b> (1969), 708	<i>Journal of the Less-Common Metals</i> <b>66</b> (1979), 1
Poldervaartite	Ca(Ca,Mn)(SiO <sub>3</sub> OH)(OH)	A	1992-012	South Africa	<i>American Mineralogist</i> <b>78</b> (1993), 1082	<i>Acta Crystallographica</i> <b>C50</b> (1994), 996
Polezhaevaite-(Ce)	NaSrCeF <sub>6</sub>	A	2009-015	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 1080	
Polhemusite	(Zn,Hg)S	A	1972-017	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1153	
Polkanovite	Rh <sub>12</sub> As <sub>7</sub>	A	1997-030	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(2)</b> (1998), 60	<i>Journal of the Less-Common Metals</i> <b>108</b> (1985), 353
Polkovicite	(Fe,Pb) <sub>3</sub> (Ge,Fe) <sub>1-x</sub> S <sub>4</sub>	A	1974-037	Poland	<i>Rudy i Metale Niezlezne</i> <b>20</b> (1975), 288	

Polloneite	$\text{AgPb}_{46}\text{As}_{26}\text{Sb}_{23}\text{S}_{120}$	A	2014-093	Italy	CNMNC Newsletter 24 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 247	
Pollucite	$\text{Cs}(\text{Si}_2\text{Al})\text{O}_6 \cdot n\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>Annalen der Physik und Chemie</i> <b>69</b> (1846), 436	<i>Zeitschrift für Kristallographie</i> <b>223</b> (2008), 584
Polyakovite-(Ce)	$(\text{Ce}, \text{Ca})_4\text{MgCr}_2(\text{Ti}, \text{Nb})_2\text{Si}_4\text{O}_{22}$	A	1998-029	Russia	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1095	
Polybasite	$[\text{Ag}_9\text{CuS}_4][(\text{Ag}, \text{Cu})_6(\text{Sb}, \text{As})_2\text{S}_7]$	Rd	2006 s.p.	Mexico / Germany	<i>Annalen der Physik und Chemie</i> <b>15</b> (1829), 573	<i>American Mineralogist</i> <b>94</b> (2009), 151
Polycrase-(Y)	$\text{Y}(\text{Ti}, \text{Nb})_2(\text{O}, \text{OH})_6$	A	1987 s.p.	Norway	<i>Annales der Physik und Chemie</i> <b>62</b> (1844), 480	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1847
Polydymite	$\text{Ni}^{2+}\text{Ni}^{3+}_2\text{S}_4$	G	1876	Germany	<i>Journal für Praktische Chemie</i> <b>122</b> (1876), 397	<i>American Mineralogist</i> <b>70</b> (1985), 1036
Polyhalite	$\text{K}_2\text{Ca}_2\text{Mg}(\text{SO}_4)_4 \cdot 2\text{H}_2\text{O}$	G	1817	United Kingdom	Exotic Mineralogy, Vol. 2. Arding and Merrett, London (1817), 101	<i>Acta Crystallographica</i> <b>E61</b> (2005), i135
Polyolithionite	$\text{KLi}_2\text{AlSi}_4\text{O}_{10}\text{F}_2$	A	1998 s.p.	Denmark (Greenland)	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>9</b> (1884), 243	<i>American Mineralogist</i> <b>92</b> (2007), 1395
Polyphite	$\text{Na}_6(\text{Na}_4\text{Ca}_2)_2\text{Na}_2\text{Ti}_2\text{Na}_2\text{Ti}_2(\text{Si}_2\text{O}_7)_2(\text{PO}_4)_6\text{O}_4\text{F}_4$	Rd	1990-025	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(1)</b> (1992), 105	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1527
Ponomarevite	$\text{K}_4\text{Cu}_4\text{OCl}_{10}$	A	1986-040	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>300</b> (1988), 1197	<i>Doklady Akademii Nauk SSSR</i> <b>304</b> (1989), 427
Popovite	$\text{Cu}_5\text{O}_2(\text{AsO}_4)_2$	A	2013-060	Russia	<i>Mineralogical Magazine</i> <b>79</b> (2015), 133	
Poppiite	$\text{Ca}_2(\text{V}^{3+}, \text{Fe}^{3+}, \text{Mg})\text{V}^{3+}_2(\text{Si}, \text{Al})_3(\text{O}, \text{OH})_{14}$	A	2005-018	Italy	<i>American Mineralogist</i> <b>91</b> (2006), 584	
Portlandite	$\text{Ca}(\text{OH})_2$	G	1933	United Kingdom	<i>Mineralogical Magazine</i> <b>23</b> (1933), 419	<i>Acta Crystallographica</i> <b>B49</b> (1993), 812
Posnjakite	$\text{Cu}_4(\text{SO}_4)(\text{OH})_6 \cdot \text{H}_2\text{O}$	A	1967-001	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>96</b> (1967), 58	<i>Zeitschrift für Kristallographie</i> <b>149</b> (1979), 249
Postite	$\text{Mg}(\text{H}_2\text{O})_6\text{Al}_2(\text{OH})_2(\text{H}_2\text{O})_8(\text{V}_{10}\text{O}_{28}) \cdot 13\text{H}_2\text{O}$	A	2011-060	USA	<i>Canadian Mineralogist</i> <b>50</b> (2012), 45	
Potarite	$\text{PdHg}$	G	1928	Guyana	<i>Mineralogical Magazine</i> <b>21</b> (1928), 397	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Potassic-arfvedsonite	$\text{KNa}_2(\text{Fe}^{2+}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Denmark (Greenland) / Russia	Neues Jahrbuch für Mineralogie Monatshefte (2004), 555	<i>Canadian Mineralogist</i> <b>14</b> (1976), 346
Potassic-carpholite	$\text{K}(\text{Mn}^{2+}, \text{Li})_2\text{Al}_4\text{Si}_4\text{O}_{12}(\text{OH}, \text{F})_8$	A	2002-064	USA	<i>Canadian Mineralogist</i> <b>42</b> (2004), 121	
Potassic-chloro-hastingsite	$\text{KCa}_2(\text{Fe}^{2+}_4\text{Fe}^{3+})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{Cl}_2$	Rd	2012 s.p.	Azerbaijan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(6)</b> (2005), 31	
Potassic-chloro-pargasite	$\text{KCa}_2(\text{Mg}_4\text{Al})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{Cl}_2$	Rd	2012 s.p.	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(2)</b> (2002), 58	
Potassic-ferri-leakeite	$\text{KNa}_2(\text{Mg}_2\text{Fe}^{3+}_2\text{Li})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>97</b> (2002), 177	
Potassic-ferro-ferri-sadanagaite	$\text{KCa}_2(\text{Fe}^{2+}_3\text{Fe}^{3+}_2)(\text{Si}_5\text{Al}_3)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>128(4)</b> (1999), 50	<i>Canadian Mineralogist</i> <b>38</b> (2000), 669
Potassic-ferro-ferri-taramite	$\text{K}(\text{NaCa})(\text{Fe}^{2+}_3\text{Fe}^{3+}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Tanzania	<i>Mineralogical Magazine</i> <b>33</b> (1964), 1057	
Potassic-ferro-pargasite	$\text{KCa}_2(\text{Fe}^{2+}_4\text{Al})(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>104</b> (2009), 374	
Potassic-ferro-sadanagaite	$\text{KCa}_2(\text{Fe}^{2+}_3\text{Al}_2)(\text{Si}_5\text{Al}_3)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<i>American Mineralogist</i> <b>69</b> (1984), 465	

Potassic-ferro-taramite	$K(\text{NaCa})(\text{Fe}^{2+}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Spain	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 1005	
Potassic-fluoro-hastingsite	$\text{KCa}_2(\text{Fe}^{2+}_4\text{Fe}^{3+})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	USA	<i>Canadian Mineralogist</i> <b>47</b> (2009), 909	
Potassic-fluoro-pargasite	$\text{KCa}_2(\text{Mg}_4\text{Al})\text{Si}_6\text{Al}_2\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Madagascar	<i>Mineralogical Magazine</i> <b>74</b> (2010), 961	
Potassic-fluoro-richterite	$\text{K}(\text{NaCa})\text{Mg}_5\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Serie IX</i> <b>3</b> (1992), 239	<i>Canadian Mineralogist</i> <b>36</b> (1998), 181
Potassic-magnesio-arfvedsonite	$\text{KNa}_2(\text{Mg}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}(\text{OH})_2$	A	2016-083	Bulgaria	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Potassic-magnesio-fluoro-arfvedsonite	$\text{KNa}_2(\text{Mg}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Canada	<i>Canadian Mineralogist</i> <b>25</b> (1987), 739	<i>Mineralogical Magazine</i> <b>74</b> (2010), 951
Potassic-magnesio-hastingsite	$\text{KCa}_2(\text{Mg}_4\text{Fe}^{3+})(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(2)</b> (2006), 49	
Potassic-mangani-leakeite	$\text{KNa}_2(\text{Mg}_2\text{Mn}^{3+}_2\text{Li})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	South Africa	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>73</b> (1993), 349	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 143
Potassic-pargasite	$\text{KCa}_2(\text{Mg}_4\text{Al})(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Finland	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1535	
Potassic-sadanagaite	$\text{KCa}_2(\text{Mg}_3\text{Al}_2)(\text{Si}_5\text{Al}_3)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<i>American Mineralogist</i> <b>69</b> (1984), 465	<i>Canadian Mineralogist</i> <b>46</b> (2008), 151
Pottsite	$(\text{Pb}_3\text{Bi})\text{Bi}(\text{VO}_4)_4 \cdot \text{H}_2\text{O}$	A	1986-045	USA	<i>Mineralogical Magazine</i> <b>52</b> (1988), 389	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 137
Poubaite	$\text{PbBi}_2(\text{Se,Te,S})_4$	A	1975-015	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1978), 9	<i>Kristallografiya</i> <b>13</b> (1968), 258
Poudretteite	$\text{KNa}_2(\text{B}_3\text{Si}_{12})\text{O}_{30}$	A	1986-028	Canada	<i>Canadian Mineralogist</i> <b>25</b> (1987), 763	
Poughite	$\text{Fe}^{3+}_2(\text{Te}^{4+}\text{O}_3)_2(\text{SO}_4) \cdot 3\text{H}_2\text{O}$	A	1966-048	Mexico	<i>American Mineralogist</i> <b>53</b> (1968), 1075	<i>Journal of Geosciences</i> <b>56</b> (2011), 235
Povondraite	$\text{NaFe}^{3+}_3(\text{Fe}^{3+}_4\text{Mg}_2)(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3\text{O}$	Rn	1990 s.p.	Bolivia	<i>American Mineralogist</i> <b>64</b> (1979), 945	<i>American Mineralogist</i> <b>78</b> (1993), 433
Powellite	$\text{Ca}(\text{MoO}_4)$	G	1891	USA	<i>American Journal of Science</i> <b>41</b> (1891), 138	<i>Journal of Physics and Chemistry of Solids</i> <b>46</b> (1985), 253
Poyarkovite	$\text{Hg}_3\text{OCl}$	A	1980-099	Kyrgyzstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 501	<i>Canadian Mineralogist</i> <b>37</b> (1999), 119
Pradetite	$\text{CoCu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 9\text{H}_2\text{O}$	Rd	1991-046	France	<i>Archives de Sciences de Genève</i> <b>48</b> (1995), 239	<i>Archives de Sciences de Genève</i> <b>60</b> (2007), 51
Prehnite	$\text{Ca}_2\text{Al}(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2$	G	1789	South Africa	<i>Bergmannisches Journal</i> <b>1</b> (1789), 369	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 561
Preisingerite	$\text{Bi}_3\text{O}(\text{AsO}_4)_2(\text{OH})$	A	1981-016	Argentina	<i>American Mineralogist</i> <b>67</b> (1982), 833	
Preiswerkite	$\text{NaAlMg}_2(\text{Si}_2\text{Al}_2)\text{O}_{10}(\text{OH})_2$	A	1979-008	Switzerland	<i>American Mineralogist</i> <b>65</b> (1980), 1134	<i>American Mineralogist</i> <b>78</b> (1993), 1290
Preobrazhenskite	$\text{Mg}_3\text{B}_{11}\text{O}_{15}(\text{OH})_9$	G	1956	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>111</b> (1956), 1087	<i>Canadian Mineralogist</i> <b>32</b> (1994), 387
Pretulite	$\text{Sc}(\text{PO}_4)$	A	1996-024	Austria	<i>American Mineralogist</i> <b>83</b> (1998), 625	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1657
Prewittite	$\text{KPb}_{1.5}\text{ZnCu}_6\text{O}_2(\text{SeO}_3)_2\text{Cl}_{10}$	A	2002-041	Russia	<i>American Mineralogist</i> <b>98</b> (2013), 463	
Příbramite	$\text{CuSbSe}_2$	A	2015-127	Czech Republic	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 653	
Priceite	$\text{Ca}_2\text{B}_5\text{O}_7(\text{OH})_5 \cdot \text{H}_2\text{O}$	G	1873	USA	<i>American Journal of Science</i> <b>6</b> (1873), 126	<i>Canadian Mineralogist</i> <b>49</b> (2011), 823



Priderite	$K(Ti_7Fe^{3+})O_{16}$	G	1951	Australia	<i>Mineralogical Magazine</i> <b>29</b> (1951), 496	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1056
Pringleite	$Ca_9B_{26}O_{34}(OH)_{24}Cl_4 \cdot 13H_2O$	A	1992-010	Canada	<i>Canadian Mineralogist</i> <b>31</b> (1993), 795	<i>Canadian Mineralogist</i> <b>32</b> (1994), 1
Prismatine	$(Mg,Al,Fe)_6Al_4(Si,Al)_4(B,Si,Al)(O,OH,F)_{22}$	Rd	1996 s.p.	Germany	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>38</b> (1886), 704	<i>Mineralogical Magazine</i> <b>60</b> (1996), 483
Probertite	$NaCaB_5O_7(OH)_4 \cdot 3H_2O$	G	1929	USA	<i>American Mineralogist</i> <b>14</b> (1929), 427	<i>Acta Crystallographica</i> <b>B38</b> (1982), 3072
Proshchenkoite-(Y)	$(Y,REE,Ca,Na,Mn)_{15}Fe^{2+}Ca(P,Si)Si_6B_3(O,F)_{48}$	A	2008-007	Russia	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1071	
Prosopite	$CaAl_2(F,OH)_8$	G	1853	Germany	<i>Annalen der Physik und Chemie</i> <b>90</b> (1853), 315	<i>Journal of Structural Chemistry</i> <b>14</b> (1973), 345
Prosperite	$Ca_2Zn_4(AsO_4)_4 \cdot H_2O$	A	1978-028	Namibia	<i>Canadian Mineralogist</i> <b>17</b> (1979), 87	<i>Zeitschrift für Kristallographie</i> <b>158</b> (1982), 33
Protasite	$Ba(UO_2)_3O_3(OH)_2 \cdot 3H_2O$	A	1984-001	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>50</b> (1986), 125	<i>American Mineralogist</i> <b>72</b> (1987), 1230
Proto-anthophyllite	$\square Mg_2Mg_5Si_8O_{22}(OH)_2$	Rd	2012 s.p.	Japan	<i>American Mineralogist</i> <b>88</b> (2003), 1718	
Protochabournéite	$Tl_2Pb(Sb,As)_{10}S_{17}$	A	2011-054	Italy	<i>Canadian Mineralogist</i> <b>51</b> (2013), 475	
Protoenstatite	$Mg_2Si_2O_6$	A	2016-117	USA	<i>American Mineralogist</i> <b>102</b> (2017), 2146	
Proto-ferro-anthophyllite	$\square Fe^{2+}_2Fe^{2+}_5Si_8O_{22}(OH)_2$	Rd	2012 s.p.	USA	<i>Physics and Chemistry of Minerals</i> <b>25</b> (1988), 366	<i>Journal of Mineralogical and Petrological Sciences</i> <b>97</b> (2002), 127
Proto-ferro-suenoite	$\square Mn^{2+}_2Fe^{2+}_5Si_8O_{22}(OH)_2$	Rd	2012 s.p.	Japan	<i>Physics and Chemistry of Minerals</i> <b>25</b> (1998), 366	<i>Journal of Mineralogical and Petrological Sciences</i> <b>97</b> (2002), 127
Proudite	$Cu_2Pb_{16}Bi_{20}(S,Se)_{47}$	A	1975-028	Australia	<i>American Mineralogist</i> <b>61</b> (1976), 839	<i>Canadian Mineralogist</i> <b>47</b> (2009), 25
Proustite	$Ag_3AsS_3$	G	1832	unknown	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 445	<i>Phase Transition</i> <b>6</b> (1985), 1
Przhevalskite	$Pb(UO_2)_2(PO_4)_2 \cdot 4H_2O$	Q	1946	Tajikistan	original paper?	
Pseudoboleite	$Pb_{31}Cu_{24}Cl_{62}(OH)_{48}$	Rn	2007 s.p.	Mexico	<i>Bulletin du Muséum d'Histoire Naturelle</i> <b>1</b> (1895), 39	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 113
Pseudobrookite	$(Fe^{3+}_2Ti)O_5$	Rd	1988 s.p.	Romania	<i>Mineralogische und Petrographische Mittheilungen</i> <b>1</b> (1878), 77	<i>American Mineralogist</i> <b>84</b> (1999), 130
Pseudocotunnite	$K_2PbCl_4$ (?)	Q	1873	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Ser. I</i> <b>6</b> (1873), 1	<i>Rendiconti della Società Mineralogica Italiana</i> <b>8</b> (1952), 58
Pseudograndreefite	$Pb_6(SO_4)F_{10}$	A	1988-017	USA	<i>American Mineralogist</i> <b>74</b> (1989), 927	
Pseudojohannite	$Cu_3(OH)_2[(UO_2)_4O_4(SO_4)_2] \cdot 12H_2O$	A	2000-019	Czech Republic	<i>American Mineralogist</i> <b>91</b> (2006), 929	<i>American Mineralogist</i> <b>97</b> (2012), 1796
Pseudolaueite	$Mn^{2+}Fe^{3+}_2(PO_4)_2(OH)_2 \cdot 8H_2O$	G	1956	Germany	<i>Naturwissenschaften</i> <b>43</b> (1956), 128	<i>American Mineralogist</i> <b>54</b> (1969), 1312
Pseudolyonsite	$Cu_3(VO_4)_2$	A	2009-062	Russia	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 475	
Pseudomalachite	$Cu_5(PO_4)_2(OH)_4$	G	1813	Germany	Handbuch der Mineralogie, Vol. 3. Vandenhoek und Ruprecht, Göttingen (1813), 1036	<i>American Mineralogist</i> <b>62</b> (1977), 1042
Pseudorutile	$Fe^{3+}_2Ti^{4+}_3O_9$	Rd	1994 s.p.	Australia	<i>Nature</i> <b>211</b> (1966), 179	<i>Mineralogical Magazine</i> <b>58</b> (1994), 597

Pseudosinhalite	Mg <sub>2</sub> Al <sub>3</sub> B <sub>2</sub> O <sub>9</sub> (OH)	A	1997-014	Russia	<i>Contributions to Mineralogy and Petrology</i> <b>133</b> (1998), 382	<i>Contributions to Mineralogy and Petrology</i> <b>128</b> (1997), 261
Pseudowollastonite	CaSiO <sub>3</sub>	A	1962 s.p.	unknown	original paper?	<i>American Mineralogist</i> <b>84</b> (1999), 929
Pucherite	Bi(VO <sub>4</sub> )	G	1871	Germany	<i>Journal für Praktische Chemie</i> <b>117</b> (1871), 227	<i>Zeitschrift für Kristallographie</i> <b>169</b> (1984), 289
Pumpellyite-(Al)	Ca <sub>2</sub> Al <sub>3</sub> (Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> )(OH, O) <sub>2</sub> ·H <sub>2</sub> O	A	2005-016	Belgium	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 247	
Pumpellyite-(Fe <sup>2+</sup> )	Ca <sub>2</sub> Fe <sup>2+</sup> Al <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> )(OH, O) <sub>2</sub> ·H <sub>2</sub> O	Rn	1973 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>165</b> (1965), 136	
Pumpellyite-(Fe <sup>3+</sup> )	Ca <sub>2</sub> (Fe <sup>3+</sup> , Mg)Al <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> )(OH, O) <sub>2</sub> ·H <sub>2</sub> O	Rn	1973 s.p.	Italy	<i>Periodico di Mineralogia</i> <b>41</b> (1972), 273	
Pumpellyite-(Mg)	Ca <sub>2</sub> MgAl <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> )(OH) <sub>2</sub> ·H <sub>2</sub> O	Rn	1973 s.p.	USA	<i>American Mineralogist</i> <b>10</b> (1925), 412	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 333
Pumpellyite-(Mn <sup>2+</sup> )	Ca <sub>2</sub> Mn <sup>2+</sup> Al <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> )(OH) <sub>2</sub> ·H <sub>2</sub> O	Rn	1980-006	Japan	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 396	
Puninite	Na <sub>2</sub> Cu <sub>3</sub> O(SO <sub>4</sub> ) <sub>3</sub>	A	2015-012	Russia	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 499	
Punkaruavite	Li{Ti <sub>2</sub> (OH) <sub>2</sub> [Si <sub>4</sub> O <sub>11</sub> (OH)]}·H <sub>2</sub> O	A	2008-018	Russia	<i>Canadian Mineralogist</i> <b>48</b> (2010), 41	
Purpurite	(Mn <sup>3+</sup> , Fe <sup>3+</sup> )(PO <sub>4</sub> )	G	1905	USA	<i>American Journal of Science</i> <b>20</b> (1905), 146	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>60</b> (1938), 67
Pushcharovskite	K <sub>0.6</sub> Cu <sub>18</sub> [AsO <sub>2</sub> (OH) <sub>2</sub> ] <sub>4</sub> [AsO <sub>3</sub> OH] <sub>10</sub> (AsO <sub>4</sub> )(OH) <sub>9.6</sub> ·18.6H <sub>2</sub> O	A	1995-048	France	<i>Archives de Sciences de Genève</i> <b>50</b> (1997), 177	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 95
Putnisite	SrCa <sub>4</sub> Cr <sup>3+</sup> <sub>8</sub> (CO <sub>3</sub> ) <sub>8</sub> (SO <sub>4</sub> )(OH) <sub>16</sub> ·25H <sub>2</sub> O	A	2011-106	Australia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 131	
Putoranite	Cu <sub>1.1</sub> Fe <sub>1.2</sub> S <sub>2</sub>	A	1979-054	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 335	
Putzite	(Cu, Ag) <sub>8</sub> GeS <sub>6</sub>	A	2002-024	Argentina	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1757	
Pyatenkoite-(Y)	Na <sub>5</sub> YTiSi <sub>6</sub> O <sub>18</sub> ·6H <sub>2</sub> O	A	1995-034	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(4)</b> (1996), 72	<i>Doklady Chemistry</i> <b>351</b> (1996), 283
Pyracmonite	(NH <sub>4</sub> ) <sub>3</sub> Fe(SO <sub>4</sub> ) <sub>3</sub>	A	2008-029	Italy	<i>Canadian Mineralogist</i> <b>48</b> (2010), 307	
Pyrargyrite	Ag <sub>3</sub> SbS <sub>3</sub>	G	1831	unknown	Handbuch der Mineralogie. Schrag, Nürnberg (1831), 388	<i>Journal of Geosciences</i> <b>55</b> (2010), 161
Pyrite	FeS <sub>2</sub>	G	?	unknown	original paper?	<i>American Mineralogist</i> <b>62</b> (1977), 1168
Pyroaurite	Mg <sub>6</sub> Fe <sup>3+</sup> <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>16</sub> ·4H <sub>2</sub> O	Rd	1865	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> (1865), 605	<i>Mineralogical Magazine</i> <b>36</b> (1967), 465
Pyrobelonite	PbMn <sup>2+</sup> VO <sub>4</sub> (OH)	G	1919	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>41</b> (1919), 433	<i>Acta Crystallographica</i> <b>E57</b> (2001), i119
Pyrochroite	Mn <sup>2+</sup> (OH) <sub>2</sub>	G	1864	Sweden	<i>Annalen der Physik und Chemie</i> <b>122</b> (1864), 181	<i>Physics and Chemistry of Minerals</i> <b>25</b> (1998), 130
Pyrolusite	MnO <sub>2</sub>	A	1982 s.p.	Czech Republic	<i>Edinburgh Journal of Science</i> <b>9</b> (1827), 304	<i>Izvestiya Akademii Nauk SSSR</i> <b>15</b> (1951), 179
Pyromorphite	Pb <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> Cl	G	1813	Germany	Handbuch der Mineralogie, Vol. 3. Vandenhoek und Ruprecht, Göttingen (1813), 1090	<i>American Mineralogist</i> <b>97</b> (2012), 415
Pyrope	Mg <sub>3</sub> Al <sub>2</sub> (SiO <sub>4</sub> ) <sub>3</sub>	G	1803	Czech Republic	Handbuch der Mineralogie nach A. G. Werner. Siegfried Lebrécht Crusius, Leipzig (1803), 62	<i>American Mineralogist</i> <b>56</b> (1971), 791
Pyrophanite	Mn <sup>2+</sup> TiO <sub>3</sub>	G	1890	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>12</b> (1890), 567	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1099

Pyrophyllite	$\text{Al}_2\text{Si}_4\text{O}_{10}(\text{OH})_2$	G	1829	Russia	<i>Annalen der Physik und Chemie</i> <b>15</b> (1829), 592	<i>American Mineralogist</i> <b>66</b> (1981), 350
Pyrosmalite-(Fe)	$\text{Fe}^{2+}_8\text{Si}_6\text{O}_{15}(\text{OH})_{10}$	Rn	1987 s.p.	Sweden	<i>Mineralogical Magazine</i> <b>51</b> (1987), 174	
Pyrosmalite-(Mn)	$\text{Mn}^{2+}_8\text{Si}_6\text{O}_{15}(\text{OH},\text{Cl})_{10}$	Rn	2007 s.p.	USA	<i>American Mineralogist</i> <b>38</b> (1953), 755	<i>Canadian Mineralogist</i> <b>21</b> (1983), 1
Pyrostilpnite	$\text{Ag}_3\text{SbS}_3$	G	1868	Germany	A System of Mineralogy, 5th ed. Wiley, New York (1868)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1968), 145
Pyroxferroite	$\text{Fe}^{2+}\text{SiO}_3$	A	1970-001	Moon	<i>Geochimica et Cosmochimica Acta, Suppl. - Proceedings of the Apollo XI Lunar Science Conference</i> <b>1</b> (1970), 65	<i>Proceedings of the Second Lunar Science Conference</i> <b>1</b> (1971), 47
Pyroxmangite	$\text{Mn}^{2+}\text{SiO}_3$	G	1913	USA	<i>American Journal of Science</i> <b>36</b> (1913), 169	<i>American Mineralogist</i> <b>93</b> (2008), 1921
Pyrrhotite	$\text{Fe}_7\text{S}_8$	G	1835	Japan	<i>Journal für Praktische Chemie</i> <b>4</b> (1835), 249	<i>American Mineralogist</i> <b>95</b> (2010), 148
Qandilite	$(\text{Mg},\text{Fe}^{3+})_2(\text{Ti},\text{Fe}^{3+},\text{Al})\text{O}_4$	A	1980-046	Iraq	<i>Mineralogical Magazine</i> <b>49</b> (1985), 739	<i>Acta Crystallographica</i> <b>B45</b> (1989), 542
Qaqarssukite-(Ce)	$\text{BaCe}(\text{CO}_3)_2\text{F}$	A	2004-019	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1137	
Qatranaitite	$\text{CaZn}_2(\text{OH})_6(\text{H}_2\text{O})_2$	A	2016-024	Jordan	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Qilianshanite	$\text{NaH}_4(\text{CO}_3)(\text{BO}_3)\cdot 2\text{H}_2\text{O}$	A	1992-008	China	<i>Acta Mineralogica Sinica</i> <b>13</b> (1993), 97	<i>Geological Review</i> <b>40</b> (1994), 347
Qingheiite	$\text{Na}_2\text{MnMgAl}(\text{PO}_4)_3$	A	1981-051	China	<i>Acta Mineralogica Sinica</i> <b>3</b> (1983), 161	<i>Scientia Sinica</i> <b>B26</b> (1983), 876
Qingheiite-(Fe <sup>2+</sup> )	$\text{Na}_2\text{Fe}^{2+}\text{MgAl}(\text{PO}_4)_3$	A	2009-076	Brazil	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 459	
Qingsongite	BN	A	2013-030	China	<i>American Mineralogist</i> <b>99</b> (2014), 764	
Qitianlingite	$\text{Fe}^{2+}_2\text{Nb}_2\text{W}^{6+}\text{O}_{10}$	A	1983-075	China	<i>Acta Mineralogica Sinica</i> <b>5</b> (1985), 193	<i>Kexue Tongbao</i> <b>33</b> (1988), 856
Quadratite	$\text{AgCdAsS}_3$	A	1994-038	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>78</b> (1998), 489	<i>American Mineralogist</i> <b>98</b> (2013), 236
Quadridavynite	$[(\text{Na},\text{K})_6\text{Cl}_2][\text{Ca}_2\text{Cl}_2][(\text{Si}_6\text{Al}_6\text{O}_{24})]$	A	1990-054	Italy	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 481	
Quadruphite	$\text{Na}_6\text{Na}_2(\text{CaNa})_2\text{Na}_2\text{Ti}_2\text{Na}_2\text{Ti}_2(\text{Si}_2\text{O}_7)_2(\text{PO}_4)_4\text{O}_4\text{F}_2$	Rd	1990-026	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(1)</b> (1992), 105	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1275
Quartz	$\text{SiO}_2$	A	1967 s.p.	unknown	original paper?	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 63
Queitite	$\text{Zn}_2\text{Pb}_4(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{SO}_4)$	A	1978-029	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1979), 203	<i>Zeitschrift für Kristallographie</i> <b>151</b> (1980), 287
Quenselite	$\text{PbMn}^{3+}\text{O}_2(\text{OH})$	G	1925	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>47</b> (1925), 377	<i>Zeitschrift für Kristallographie</i> <b>134</b> (1971), 321
Quenstedtite	$\text{Fe}^{3+}_2(\text{SO}_4)_3\cdot 11\text{H}_2\text{O}$	G	1889	Chile	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>15</b> (1889), 11	<i>American Mineralogist</i> <b>59</b> (1974), 582
Quetzalcoatlite	$\text{Cu}^{2+}_3\text{Zn}_6\text{Te}^{6+}_2\text{O}_{12}(\text{OH})_6\cdot (\text{Ag},\text{Pb},\square)\text{Cl}$	A	1973-010	Mexico	<i>Mineralogical Magazine</i> <b>39</b> (1973), 261	<i>American Mineralogist</i> <b>85</b> (2000), 604
Quijarroite	$\text{Cu}_6\text{HgPb}_2\text{Bi}_4\text{Se}_{12}$	A	2016-052	Bolivia	<i>Minerals</i> <b>6</b> (2016), 123	
Quintinite	$\text{Mg}_4\text{Al}_2(\text{OH})_{12}(\text{CO}_3)\cdot 3\text{H}_2\text{O}$	A	1992-028	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1541	<i>Crystallography Reports</i> <b>41</b> (1996), 972
Qusongite	WC	A	2007-034	China	<i>American Mineralogist</i> <b>94</b> (2009), 387	<i>Acta Crystallographica</i> <b>14</b> (1961), 200
Raadeite	$\text{Mg}_7(\text{PO}_4)_2(\text{OH})_8$	A	1996-034	Norway	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 319	
Rabbittite	$\text{Ca}_3\text{Mg}_3(\text{UO}_2)_2(\text{CO}_3)_6(\text{OH})_4\cdot 18\text{H}_2\text{O}$	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 201	

Rabejacite	$\text{Ca}_2[(\text{UO}_2)_4\text{O}_4(\text{SO}_4)_2](\text{H}_2\text{O})_8$	A	1992-043	France	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 873	<i>Mineralogical Magazine</i> <b>78</b> (2014), 1249
Raberite	$\text{Ti}_5\text{Ag}_4\text{As}_6\text{SbS}_{15}$	A	2012-017	Switzerland	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1153	
Radhakrishnaite	$\text{PbTe}_3(\text{Cl},\text{S})_2$	A	1983-082	India	<i>Canadian Mineralogist</i> <b>23</b> (1985), 501	
Radovanite	$\text{Cu}_2\text{Fe}^{3+}[\text{As}^{5+}\text{O}_4][\text{As}^{3+}\text{O}_2(\text{OH})]_2 \cdot \text{H}_2\text{O}$	A	2000-001	France	<i>Archives de Sciences de Genève</i> <b>55</b> (2002), 47	
Radtkeite	$\text{Hg}_3\text{S}_2\text{Cl}$	A	1989-030	USA	<i>American Mineralogist</i> <b>76</b> (1991), 1715	<i>Canadian Mineralogist</i> <b>42</b> (2004), 87
Raguinite	$\text{TiFeS}_2$	A	1968-022	Macedonia	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>92</b> (1969), 38	<i>Journal of Physics and Chemistry of Solids</i> <b>50</b> (1989), 297
Raisaite	$\text{CuMg}[\text{Te}^{6+}\text{O}_4(\text{OH})_2] \cdot 6\text{H}_2\text{O}$	A	2014-046	Russia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 459	
Raite	$\text{Na}_3\text{Mn}^{2+}_3\text{Ti}_{0.25}(\text{Si}_8\text{O}_{20})(\text{OH})_2 \cdot 10\text{H}_2\text{O}$	A	1972-010	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 54	<i>Crystallography Reports</i> <b>44</b> (1999), 565
Rajite	$\text{CuTe}^{4+}_2\text{O}_5$	A	1978-039	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 91	<i>Acta Crystallographica</i> <b>B29</b> (1973), 963
Rakovanite	$\text{Na}_3[\text{H}_3[\text{V}_{10}\text{O}_{28}]] \cdot 15\text{H}_2\text{O}$	A	2010-052	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 595	
Ralphcannonite	$\text{AgZn}_2\text{TiAs}_2\text{S}_6$	A	2014-077	Switzerland	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1089	
Ramanite-(Cs)	$\text{CsB}_5\text{O}_6(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	A	2007-007	Italy	<i>American Mineralogist</i> <b>93</b> (2008), 1034	<i>Acta Crystallographica</i> <b>C40</b> (1984), 1114
Ramanite-(Rb)	$\text{RbB}_5\text{O}_6(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	A	2007-006	Italy	<i>American Mineralogist</i> <b>93</b> (2008), 1034	<i>Acta Crystallographica</i> <b>C40</b> (1984), 217
Rambergite	$\text{MnS}$	A	1995-028	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>118</b> (1996), A53	<i>Acta Crystallographica</i> <b>E57</b> (2001), i92
Ramdohrite	$\text{Pb}_{5.9}\text{Fe}_{0.1}\text{Mn}_{0.1}\text{In}_{0.1}\text{Cd}_{0.2}\text{Ag}_{2.8}\text{Sb}_{10.8}\text{S}_{24}$	G	1930	Bolivia	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> <b>8</b> (1930), 365	<i>American Mineralogist</i> <b>98</b> (2013), 773
Rameauite	$\text{K}_2\text{Ca}(\text{UO}_2)_6\text{O}_6(\text{OH})_4 \cdot 6\text{H}_2\text{O}$	A	1971-045	France	<i>Mineralogical Magazine</i> <b>38</b> (1972), 781	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 959
Ramikite-(Y)	$\text{Li}_4(\text{Na},\text{Ca})_{12}(\text{Y},\text{Ca},\text{REE})_6\text{Zr}_6(\text{PO}_4)_{12}(\text{CO}_3)_4\text{O}_4[(\text{OH}),\text{F}]_4$	A	2009-021	Canada	<i>Canadian Mineralogist</i> <b>51</b> (2013), 569	
Rammelsbergite	$\text{NiAs}_2$	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Acta Chemica Scandinavica</i> <b>A33</b> (1979), 469
Ramsbeckite	$\text{Cu}_{15}(\text{SO}_4)_4(\text{OH})_{22} \cdot 6\text{H}_2\text{O}$	A	1984-067	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 550	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 38
Ramsdellite	$\text{MnO}_2$	G	1943	USA	<i>Economic Geology</i> <b>38</b> (1943), 269	<i>American Mineralogist</i> <b>89</b> (2004), 969
Ranciéite	$(\text{Ca},\text{Mn}^{2+})_{0.2}(\text{Mn}^{4+},\text{Mn}^{3+})\text{O}_2 \cdot 0.6\text{H}_2\text{O}$	G	1859	France	Cours de Minéralogie, vol. 2. Masson, Toulouse (1859), 329	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 163
Rankachite	$\text{Ca}_{0.5}(\text{V}^{4+},\text{V}^{5+})(\text{W}^{6+},\text{Fe}^{3+})_2\text{O}_8(\text{OH}) \cdot 2\text{H}_2\text{O}$	A	1983-044	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 289	
Rankamaite	$(\text{Na},\text{K})_3(\text{Ta},\text{Nb},\text{Al})_{11}(\text{O},\text{OH})_{31}$	A	1968-002	Democratic Republic of the Congo	<i>Bulletin of the Geological Society of Finland</i> <b>41</b> (1969), 47	<i>American Mineralogist</i> <b>96</b> (2011), 1455
Rankinite	$\text{Ca}_3\text{Si}_2\text{O}_7$	G	1942	United Kingdom	<i>Mineralogical Magazine</i> <b>26</b> (1942), 190	<i>Mineralogical Journal</i> <b>8</b> (1976), 240
Ransomite	$\text{CuFe}^{3+}_2(\text{SO}_4)_4 \cdot 6\text{H}_2\text{O}$	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 203	<i>American Mineralogist</i> <b>55</b> (1970), 729
Ranunculite	$\text{Al}(\text{UO}_2)(\text{PO}_3\text{OH})(\text{OH})_3 \cdot 4\text{H}_2\text{O}$	A	1978-067	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>43</b> (1979), 321	
Rapidcreekite	$\text{Ca}_2(\text{SO}_4)(\text{CO}_3) \cdot 4\text{H}_2\text{O}$	A	1984-035	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 51	<i>Canadian Mineralogist</i> <b>34</b> (1996), 99

Rappoldite	$\text{PbCo}_2(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1998-015	Germany	<i>Mineralogical Magazine</i> <b>64</b> (2000), 1109	
Raslakite	$\text{Na}_{15}\text{Ca}_3\text{Fe}_3(\text{Na,Zr})_3\text{Zr}_3(\text{Si,Nb})\text{Si}_{25}\text{O}_{73}(\text{OH,H}_2\text{O})_3(\text{Cl,OH})$	A	2002-067	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(5)</b> (2003), 22	<i>Doklady Chemistry</i> <b>374</b> (2000), 195
Raspite	$\text{Pb}(\text{WO}_4)$	G	1897	Australia	<i>Annalen des Kaiserlich-Königlichen Naturhistorischen Hofmuseums</i> <b>12</b> (1897), 33	<i>American Mineralogist</i> <b>99</b> (2014), 1507
Rastsvetaevite	$\text{Na}_{27}\text{K}_8\text{Ca}_{12}\text{Fe}_3\text{Zr}_6\text{Si}_{52}\text{O}_{144}(\text{OH,O})_6\text{Cl}_2$	A	2000-028	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(1)</b> (2006), 49	
Rasvumite	$\text{KFe}_2\text{S}_3$	A	1970-028	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>99</b> (1970), 712	<i>American Mineralogist</i> <b>65</b> (1980), 477
Rathite	$\text{Ag}_2\text{Pb}_{12-x}\text{Ti}_{x/2}\text{As}_{18+x/2}\text{S}_{40}$	G	1896	Switzerland	<i>Zeitschrift für Kristallographie</i> <b>26</b> (1896), 593	<i>Zeitschrift für Kristallographie</i> <b>217</b> (2002), 581
Rathite-IV	$\text{Pb}_3\text{As}_5\text{S}_{10}$	Q	1964	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>44</b> (1964), 5	
Rauchite	$\text{Ni}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 10\text{H}_2\text{O}$	A	2010-037	Russia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 913	
Rauenthalite	$\text{Ca}_3(\text{AsO}_4)_2 \cdot 10\text{H}_2\text{O}$	A	1964-007	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>87</b> (1964), 169	<i>Acta Crystallographica</i> <b>B39</b> (1983), 4
Rauvite	$\text{Ca}(\text{UO}_2)_2\text{V}_{10}\text{O}_{28} \cdot 16\text{H}_2\text{O}$	Q	1922	USA	<i>Engineering and Mining Journal - Press</i> <b>114</b> (1922), 272	
Ravatite	$\text{C}_{14}\text{H}_{10}$	A	1992-019	Tajikistan	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 699	<i>Acta Crystallographica</i> <b>B46</b> (1990), 830
Raygranite	$\text{Pb}_{10}\text{Zn}(\text{SO}_4)_6(\text{SiO}_4)_2(\text{OH})_2$	A	2013-001	USA	<i>Canadian Mineralogist</i> <b>54</b> (2016), 625	
Rayite	$(\text{Ag,Tl})_2\text{Pb}_8\text{Sb}_8\text{S}_{21}$	A	1982-029	India	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 296	
Realgar	$\text{AsS}$	G	1747	unknown	<i>Mineralogia, eller Mineralriktet</i> . Salvius, Stockholm (1747)	<i>American Mineralogist</i> <b>94</b> (2009), 451
Rebulite	$\text{Ti}_5\text{Sb}_5\text{As}_8\text{S}_{22}$	Rd	2008 s.p.	Macedonia	<i>Zeitschrift für Kristallographie</i> <b>160</b> (1982), 109	
Rectorite	$(\text{Na,Ca})\text{Al}_4(\text{Si,Al})_8\text{O}_{20}(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Journal of Science</i> <b>42</b> (1891), 11	<i>American Mineralogist</i> <b>51</b> (1966), 1035
Redcanyonite	$(\text{NH}_4)_2\text{Mn}[(\text{UO}_2)_4\text{O}_4(\text{SO}_4)_2](\text{H}_2\text{O})_4$	A	2016-082	USA	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Reddingite	$\text{Mn}^{2+}_3(\text{PO}_4)_2 \cdot 3\text{H}_2\text{O}$	Rd	1980 s.p.	USA	<i>American Journal of Science and Arts</i> <b>116</b> (1878), 33	<i>Mineralogical Magazine</i> <b>43</b> (1980), 789
Redgillite	$\text{Cu}_6(\text{SO}_4)(\text{OH})_{10} \cdot \text{H}_2\text{O}$	A	2004-016	United Kingdom	<i>Mineralogical Magazine</i> <b>69</b> (2005), 973	
Redingtonite	$\text{Fe}^{2+}\text{Cr}_2(\text{SO}_4)_4 \cdot 22\text{H}_2\text{O}$	Q	1888	USA	<i>U.S. Geological Survey Monograph</i> <b>13</b> (1888), 279	
Redledgeite	$\text{Ba}(\text{Ti}_6\text{Cr}^{3+}_2)\text{O}_{16}$	A	1967 s.p.	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1961), 107	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1531
Redondite	$\text{Al}(\text{PO}_4) \cdot 2\text{H}_2\text{O}$	Q	1967 s.p.	United Kingdom	<i>American Journal of Science</i> <b>47</b> (1869), 428	
Reederite-(Y)	$(\text{Na,Mn})_{15}\text{Y}_2(\text{CO}_3)_9(\text{SO}_3\text{F})\text{Cl}$	A	1994-012	Canada	<i>American Mineralogist</i> <b>80</b> (1995), 1059	
Reedmergnerite	$\text{NaBSi}_3\text{O}_8$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>45</b> (1960), 188	<i>American Mineralogist</i> <b>84</b> (1999), 333
Reevesite	$\text{Ni}_6\text{Fe}^{3+}_2(\text{CO}_3)(\text{OH})_{16} \cdot 4\text{H}_2\text{O}$	A	1966-025	Australia	<i>American Mineralogist</i> <b>52</b> (1967), 1190	<i>Clay Minerals</i> <b>33</b> (1998), 285

Refikite	$C_{20}H_{32}O_2$	G	1852	Italy	<i>Journal des Connaissances Médicales Pratique et de Pharmacologie</i> (1852) 52	<i>Mineralogical Magazine</i> <b>79</b> (2015), 59
Reichenbachite	$Cu_5(PO_4)_2(OH)_4$	A	1985-044	Germany	<i>American Mineralogist</i> <b>72</b> (1987), 404	<i>American Mineralogist</i> <b>62</b> (1977), 115
Reidite	$Zr(SiO_4)$	A	2001-013	USA / Barbados	<i>American Mineralogist</i> <b>87</b> (2002), 562	
Reinerite	$Zn_3(AsO_3)_2$	G	1958	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1958), 160	<i>American Mineralogist</i> <b>62</b> (1977), 1129
Reinhardbraunsite	$Ca_5(SiO_4)_2(OH)_2$	A	1980-032	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 119	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>31</b> (1983), 137
Rémondite-(Ce)	$Na_3(Ce,La,Ca,Na,Sr)_3(CO_3)_5$	Rn	1987-035	Cameroon	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>307</b> (1988), 915	<i>Acta Crystallographica</i> <b>C45</b> (1989), 185
Rémondite-(La)	$Na_3(La,Ce,Ca)_3(CO_3)_5$	Rn	1999-006	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(1)</b> (2000), 53	
Renardite	$Pb(UO_2)_4(PO_4)_2(OH)_4 \cdot 7H_2O$	Q	1928	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie</i> <b>51</b> (1928), 247	<i>American Mineralogist</i> <b>39</b> (1954), 448
Rengeite	$Sr_4Ti_4ZrO_8(Si_2O_7)_2$	A	1998-055	Japan	<i>Mineralogical Magazine</i> <b>65</b> (2001), 111	<i>Journal of Mineralogical and Petrological Sciences</i> <b>97</b> (2002), 7
Renierite	$(Cu^{1+},Zn)_{11}Fe_4(Ge^{4+},As^{5+})_2S_{16}$	Rn	2007 s.p.	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>72</b> (1948), 19	<i>American Mineralogist</i> <b>74</b> (1989), 1177
Reppiaite	$Mn^{2+}_5(VO_4)_2(OH)_4$	A	1991-007	Italy	<i>Zeitschrift für Kristallographie</i> <b>201</b> (1992), 223	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 77
Retgersite	$Ni(SO_4) \cdot 6H_2O$	G	1949	Peru	<i>American Mineralogist</i> <b>34</b> (1949), 188	<i>Acta Crystallographica</i> <b>B43</b> (1987), 319
Retzian-(Ce)	$Mn^{2+}_2Ce(AsO_4)(OH)_4$	Rd	1982 s.p.	Sweden	<i>Bulletin of the Geological Institute of Upsala</i> <b>2</b> (1894), 54	
Retzian-(La)	$Mn^{2+}_2La(AsO_4)(OH)_4$	A	1983-077	USA	<i>Mineralogical Magazine</i> <b>48</b> (1984), 533	
Retzian-(Nd)	$Mn^{2+}_2Nd(AsO_4)(OH)_4$	A	1982 s.p.	USA	<i>American Mineralogist</i> <b>67</b> (1982), 841	
Revdite	$Na_{16}Si_{16}O_{27}(OH)_{26} \cdot 28H_2O$	A	1979-082	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 565	<i>Kristallografiya</i> <b>37</b> (1992), 1177
Reyerite	$Na_2Ca_{14}Al_2Si_{22}O_{58}(OH)_8 \cdot 6H_2O$	G	1906	Denmark (Greenland)	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>25</b> (1906), 519	<i>Mineralogical Magazine</i> <b>52</b> (1988), 247
Reynoldsite	$Pb_2Mn^{4+}_2O_5(CrO_4)$	A	2011-051	USA / Australia	<i>American Mineralogist</i> <b>97</b> (2012), 1187	
Rhabdophane-(Ce)	$Ce(PO_4) \cdot H_2O$	Rn	1987 s.p.	United Kingdom	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>3</b> (1878), 191	
Rhabdophane-(La)	$La(PO_4) \cdot H_2O$	Rn	1987 s.p.	USA	<i>American Journal of Science</i> <b>25</b> (1883), 459	
Rhabdophane-(Nd)	$Nd(PO_4) \cdot H_2O$	Rn	1966 s.p.	USA	<i>Geological Society of America Bulletin</i> <b>68</b> (1957), 1744	
Rhabdophane-(Y)	$Y(PO_4) \cdot H_2O$	A	2011-031	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>107</b> (2012), 110	
Rheniite	$ReS_2$	A	1999-004a	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(5)</b> (2005), 32	
Rhodarsenide	$Rh_2As$	A	1996-030	Serbia	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 1321	

Rhodesite	$\text{KHCa}_2\text{Si}_8\text{O}_{19}\cdot 5\text{H}_2\text{O}$	G	1957	South Africa	<i>Mineralogical Magazine</i> <b>31</b> (1957), 607	<i>Zeitschrift für Kristallographie</i> <b>199</b> (1992), 25
Rhodium	Rh	A	1974-012	USA	<i>Canadian Mineralogist</i> <b>12</b> (1974), 399	<i>Philosophical Magazine</i> <b>15</b> (1933), 472
Rhodizite	$\text{KBe}_4\text{Al}_4(\text{B}_{11}\text{Be})\text{O}_{28}$	G	1834	Russia	<i>Annalen der Physik und Chemie</i> <b>33</b> (1834), 253	<i>Mineralogical Magazine</i> <b>50</b> (1986), 163
Rhodochrosite	$\text{Mn}(\text{CO}_3)$	A	1962 s.p.	Romania	Handbuch der Mineralogie, Vol. 1. Vandenhoeck und Ruprecht, Göttingen (1813), 1081	<i>Acta Crystallographica</i> <b>B51</b> (1995), 929
Rhodonite	$\text{Mn}^{2+}\text{SiO}_3$	A	1980 s.p.	unknown	<i>Journal für Chemie und Physik</i> <b>26</b> (1819), 108	<i>American Mineralogist</i> <b>90</b> (2005), 969
Rhodostannite	$(\text{Cu,Ag})_2\text{FeSn}_3\text{S}_8$	A	1968-018	Bolivia	<i>Mineralogical Magazine</i> <b>36</b> (1968), 1045	<i>Acta Crystallographica</i> <b>B35</b> (1979), 2195
Rhodplumbsite	$\text{Rh}_3\text{Pb}_2\text{S}_2$	A	1982-043	Russia	<i>Mineralogicheskii Zhurnal</i> <b>5</b> (1983), 87	
Rhomboclase	$(\text{H}_6\text{O}_2)\text{Fe}^{3+}(\text{SO}_4)_2\cdot 2\text{H}_2\text{O}$	G	1891	Slovakia	<i>Akadémiai Értesítő</i> <b>2</b> (1891), 96	<i>Canadian Mineralogist</i> <b>47</b> (2009), 625
Rhönite	$\text{Ca}_4[\text{Mg}_8\text{Fe}^{3+}_2\text{Ti}_2]\text{O}_4[\text{Si}_6\text{Al}_6\text{O}_{36}]$	Rn	2007 s.p.	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> <b>24</b> (1907), 475	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 203
Ribbeite	$\text{Mn}^{2+}_5(\text{SiO}_4)_2(\text{OH})_2$	A	1985-045	Namibia	<i>American Mineralogist</i> <b>72</b> (1987), 213	<i>American Mineralogist</i> <b>78</b> (1993), 190
Richardsollyite	$\text{TlPbAsS}_3$	A	2016-043	Switzerland	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 679	
Richellite	$\text{CaFe}^{3+}_2(\text{PO}_4)_2(\text{OH, F})_2$	Q	1883	Belgium	<i>Annales de la Société Géologique de Belgique, Mémoires</i> <b>10</b> (1883), 36	<i>American Mineralogist</i> <b>48</b> (1963), 300
Richelsdorffite	$\text{Ca}_2\text{Cu}_5\text{Sb}^{5+}(\text{AsO}_4)_4(\text{OH})_6\text{Cl}\cdot 6\text{H}_2\text{O}$	A	1982-019	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 145	<i>Zeitschrift für Kristallographie</i> <b>179</b> (1987), 323
Richtite	$(\text{Fe}^{3+}, \text{Mg})_x\text{Pb}^{2+}_{8.6}(\text{UO}_2)_{36}\text{O}_{36}(\text{OH})_{24}\cdot 41\text{H}_2\text{O}$	G	1947	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>70</b> (1947), B212	<i>American Mineralogist</i> <b>102</b> (2017), 1771
Richterite	$\text{Na}(\text{NaCa})\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Sweden	<i>Berg- und Huttenmannische Zeitung</i> <b>24</b> (1865), 364	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 425
Rickardite	$\text{Cu}_{3-x}\text{Te}_2$	G	1903	USA	<i>American Journal of Science</i> <b>15</b> (1903), 69	<i>American Mineralogist</i> <b>34</b> (1949), 441
Rickturnerite	$\text{Pb}_7\text{O}_4[\text{Mg}(\text{OH})_4](\text{OH})\text{Cl}_3$	A	2010-034	United Kingdom	<i>Mineralogical Magazine</i> <b>76</b> (2012), 59	
Riebeckite	$\square\text{Na}_2(\text{Fe}^{2+}_3\text{Fe}^{3+}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Yemen	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>40</b> (1888), 138	<i>Geological Society of America, Special Paper</i> <b>82</b> (1965), 31
Riesite	$\text{TiO}_2$	A	2015-110a	Germany	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Rietveldite	$\text{Fe}(\text{UO}_2)(\text{SO}_4)_2(\text{H}_2\text{O})_5$	A	2016-081	USA / Germany / Czech Republic	<i>Journal of Geosciences</i> <b>62</b> (2017), 107	
Rilandite	$\text{Cr}_6\text{SiO}_{11}\cdot 5\text{H}_2\text{O}$ (?)	Q	1933	USA	<i>American Mineralogist</i> <b>18</b> (1933), 195	
Rimkorolgit	$\text{BaMg}_5(\text{PO}_4)_4\cdot 8\text{H}_2\text{O}$	A	1990-032	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(1)</b> (1995), 90	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 397
Ringwoodite	$\text{Mg}_2(\text{SiO}_4)$	A	1968-036	Australia	<i>Nature</i> <b>221</b> (1969), 943	<i>American Mineralogist</i> <b>97</b> (2012), 573
Rinkite-(Ce)	$(\text{Ca}_3\text{REE})\text{Na}(\text{NaCa})\text{Ti}(\text{Si}_2\text{O}_7)_2(\text{OF})\text{F}_2$	Rd	2016 s.p.	Denmark (Greenland)	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>9</b> (1884), 243	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2755



Rinkite-(Y)	$\text{Na}_2\text{Ca}_4\text{YTi}(\text{Si}_2\text{O}_7)_2\text{OF}_3$	A	2017-043	Tajikistan	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Rinmanite	$\text{Mg}_2\text{Fe}_4\text{Zn}_2\text{Sb}_2\text{O}_{14}(\text{OH})_2$	A	2000-036	Sweden	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1675	
Rinneite	$\text{K}_3\text{NaFe}^{2+}\text{Cl}_6$	G	1909	Germany	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1909), 72	<i>Acta Crystallographica</i> <b>C56</b> (2000), e228
Riomarinaite	$\text{Bi}(\text{SO}_4)(\text{OH})\cdot\text{H}_2\text{O}$	A	2000-004	Italy	<i>Aufschluss</i> <b>56</b> (2005), 53	<i>Acta Crystallographica</i> <b>B38</b> (1982), 2879
Riotintoite	$\text{Al}(\text{SO}_4)(\text{OH})\cdot 3\text{H}_2\text{O}$	A	2015-085	Chile	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1293	
Rippite	$\text{K}_2(\text{Nb},\text{Ti})_2(\text{Si}_4\text{O}_{12})\text{O}(\text{O},\text{F})$	A	2016-025	Russia	CNMNC Newsletter 32 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 915	
Rittmannite	$(\text{Mn}^{2+},\text{Ca})\text{Mn}^{2+}(\text{Fe}^{2+},\text{Mn}^{2+},\text{Mg})_2(\text{Al},\text{Fe}^{3+})_2(\text{PO}_4)_4(\text{OH})_2\cdot 8\text{H}_2\text{O}$	A	1987-048	Portugal	<i>Canadian Mineralogist</i> <b>27</b> (1989), 447	
Rivadavite	$\text{Na}_6\text{Mg}[\text{B}_6\text{O}_7(\text{OH})_{6,4}]\cdot 10\text{H}_2\text{O}$	A	1966-010	Argentina	<i>American Mineralogist</i> <b>52</b> (1967), 326	<i>Naturwissenschaften</i> <b>69</b> (1973), 350
Riversideite	$\text{Ca}_5\text{Si}_6\text{O}_{16}(\text{OH})_2\cdot 2\text{H}_2\text{O}$	Q	2014 s.p.	USA	<i>Bulletin of the Department of Geology of the University of California</i> <b>10</b> (1917), 327	<i>Mineralogical Magazine</i> <b>30</b> (1954), 293
Roaldite	$(\text{Fe},\text{Ni})_4\text{N}$	A	1980-079	Australia	<i>Lunar and Planetary Sciences</i> <b>12</b> (1981), 112	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Robertsite	$\text{Ca}_2\text{Mn}^{3+}_3\text{O}_2(\text{PO}_4)_3\cdot 3\text{H}_2\text{O}$	A	1973-024	USA	<i>American Mineralogist</i> <b>59</b> (1974), 48	<i>Acta Crystallographica</i> <b>E68</b> (2012), i74
Robinsonite	$\text{Pb}_4\text{Sb}_6\text{S}_{13}$	G	1952	USA	<i>American Mineralogist</i> <b>37</b> (1952), 438	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2004), 49
Rockbridgeite	$\text{Fe}^{2+}\text{Fe}^{3+}_4(\text{PO}_4)_3(\text{OH})_5$	G	1949	USA	<i>American Mineralogist</i> <b>34</b> (1949), 513	<i>Acta Crystallographica</i> <b>C62</b> (2006), i24
Rodalquilarite	$\text{H}_3\text{Fe}^{3+}_2(\text{Te}^{4+}\text{O}_3)_4\text{Cl}$	A	1967-040	Spain	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>91</b> (1968), 28	<i>Journal of Geosciences</i> <b>56</b> (2011), 235
Rodolicoite	$\text{Fe}^{3+}(\text{PO}_4)$	A	1995-038	Italy	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 1101	<i>Zeitschrift für Kristallographie</i> <b>177</b> (1986), 139
Roebbingite	$\text{Ca}_6\text{Mn}^{2+}\text{Pb}_2(\text{Si}_3\text{O}_9)_2(\text{SO}_4)_2(\text{OH})_2\cdot 4\text{H}_2\text{O}$	G	1897	USA	<i>American Journal of Science</i> <b>153</b> (1897), 413	<i>American Mineralogist</i> <b>69</b> (1984), 1173
Roedderite	$\text{KNaMg}_2(\text{Mg}_3\text{Si}_{12})\text{O}_{30}$	A	1965-023	Azerbaijan	<i>American Mineralogist</i> <b>51</b> (1966), 949	<i>European Journal of Mineralogy</i> <b>1</b> (1989), 715
Rogermitchellite	$\text{Na}_6\text{Sr}_{12}\text{Ba}_2\text{Zr}_{13}\text{Si}_{39}\text{B}_4\text{O}_{123}(\text{OH})_6\cdot 20\text{H}_2\text{O}$	A	2003-019	Canada	<i>Canadian Mineralogist</i> <b>48</b> (2010), 267	
Roggianite	$\text{Ca}_2\text{BeAl}_2\text{Si}_4\text{O}_{13}(\text{OH})_2\cdot n\text{H}_2\text{O}$ ( $n < 2.5$ )	A	1968-015	Italy	<i>Clay Minerals</i> <b>8</b> (1969), 107	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 307
Rohaite	$(\text{Ti},\text{Pb},\text{K})_2\text{Cu}_{8,7}\text{Sb}_2\text{S}_4$	A	1973-043	Denmark (Greenland)	<i>Bulletin Grønlands Geologiske Undersøgelse</i> <b>126</b> (1978), 23	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>138</b> (1980), 122
Rokühnite	$\text{FeCl}_2\cdot 2\text{H}_2\text{O}$	A	1979-036	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 125	<i>Journal of Chemical Physics</i> <b>42</b> (1965), 898
Rollandite	$\text{Cu}_3(\text{AsO}_4)_2\cdot 4\text{H}_2\text{O}$	A	1998-001	France	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 1045	
Romanèchite	$(\text{Ba},\text{H}_2\text{O})_2(\text{Mn}^{4+},\text{Mn}^{3+})_5\text{O}_{10}$	A	1982 s.p.	France	Collection de Minéralogie du Muséum d'Histoire Naturelle. Laboratoire de Minéralogie, Paris (1900), 28	<i>American Mineralogist</i> <b>73</b> (1988), 1155
Romanorlovite	$\text{K}_{11}\text{Cu}_9\text{Cl}_{25}(\text{OH})_4\cdot 2\text{H}_2\text{O}$	A	2014-011	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>145(4)</b> (2016), 36	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>145(4)</b> (2016), 92
Romarchite	$\text{SnO}$	A	1969-006	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1971), 916	<i>Acta Crystallographica</i> <b>B36</b> (1980), 2763



Römerite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{SO}_4)_4 \cdot 14\text{H}_2\text{O}$	G	1858	Germany	<i>Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften</i> <b>28</b> (1858), 272	<i>American Mineralogist</i> <b>55</b> (1970), 78
Rondorfite	$\text{Ca}_8\text{Mg}(\text{SiO}_4)_4\text{Cl}_2$	A	1997-013	Germany	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>179</b> (2004), 265	<i>Crystallography Reports</i> <b>53</b> (2008), 199
Rongibbsite	$\text{Pb}_2(\text{Si}_4\text{Al})\text{O}_{11}(\text{OH})$	A	2010-055	USA	<i>American Mineralogist</i> <b>98</b> (2013), 236	
Ronneburgite	$\text{K}_2\text{MnV}_4\text{O}_{12}$	A	1998-069	Germany	<i>American Mineralogist</i> <b>86</b> (2001), 1081	
Röntgenite-(Ce)	$\text{Ca}_2\text{Ce}_3(\text{CO}_3)_5\text{F}_3$	A	1987 s.p.	Denmark (Greenland)	<i>American Mineralogist</i> <b>38</b> (1953), 868	<i>American Mineralogist</i> <b>78</b> (1993), 415
Rooseveltite	$\text{Bi}(\text{AsO}_4)$	G	1946	Bolivia	<i>Facultad Nacional Ingeniera, Universidad Tecnica Oruro, Boletin</i> <b>1</b> (1946), 10	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1559
Roquesite	$\text{CuInS}_2$	Rn	1962-001	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>86</b> (1963), 7	<i>Journal of Chemical Physics</i> <b>59</b> (1973), 5415
Rorisite	$\text{CaClF}$	A	1989-015	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(3)</b> (1990), 73	<i>Acta Crystallographica</i> <b>B33</b> (1977), 2790
Rosasite	$\text{CuZn}(\text{CO}_3)(\text{OH})_2$	G	1908	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Classe di Scienze Fisiche, Matematiche e Naturali, Serie V</i> <b>17</b> (1908), 723	<i>Zeitschrift für Kristallographie, suppl.</i> <b>23</b> (2006), 505
Roscherite	$\text{Ca}_2\text{Mn}^{2+}_5\text{Be}_4(\text{PO}_4)_6(\text{OH})_4 \cdot 6\text{H}_2\text{O}$	G	1914	Germany	<i>Bulletin International, Classe des Sciences Mathématiques Naturelles et de la Médecine</i> <b>19</b> (1914), 108	<i>Doklady Chemistry</i> <b>403</b> (2005), 160
Roscoelite	$\text{KV}^{3+}_2(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2$	A	1998 s.p.	USA	<i>American Journal of Science</i> <b>12</b> (1876), 31	<i>Clays and Clay Minerals</i> <b>51</b> (2003), 301
Roselite	$\text{Ca}_2\text{Co}(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	G	1824	Germany	<i>Annals of Philosophy</i> <b>8</b> (1824), 439	<i>Canadian Mineralogist</i> <b>15</b> (1977), 36
Roselite-β	$\text{Ca}_2\text{Co}(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	G	1955	Germany	<i>American Mineralogist</i> <b>40</b> (1955), 828	<i>Zeitschrift für Kristallographie</i> <b>219</b> (2004), 341
Rosemaryite	$\text{NaMn}^{2+}\text{Fe}^{3+}\text{Al}(\text{PO}_4)_3$	A	1979 s.p.	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 227	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 775
Rosenbergite	$\text{Al}[\text{F}_{0.5}(\text{H}_2\text{O})_{0.5}]_4 \cdot \text{H}_2\text{O}$	A	1992-046	Italy	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 1167	<i>American Mineralogist</i> <b>73</b> (1988), 855
Rosenbuschite	$\text{Ca}_6\text{Zr}_2\text{Na}_6\text{ZrTi}(\text{Si}_2\text{O}_7)_4(\text{OF})_2\text{F}_4$	Rd	2016 s.p.	Norway	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>9</b> (1887), 247	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1203
Rosenhahnite	$\text{Ca}_3\text{Si}_3\text{O}_8(\text{OH})_2$	A	1965-030	USA	<i>American Mineralogist</i> <b>52</b> (1967), 336	<i>American Mineralogist</i> <b>62</b> (1977), 503
Roshchinite	$(\text{Ag,Cu})_{19}\text{Pb}_{10}\text{Sb}_{51}\text{S}_{96}$	A	1989-006	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>312</b> (1990), 197	
Rosiaite	$\text{PbSb}_2\text{O}_6$	A	1995-021	Italy	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 487	
Rosickýite	S	G	1931	Czech Republic	<i>Zeitschrift für Kristallographie</i> <b>80</b> (1931), 174	<i>Acta Crystallographica</i> <b>C49</b> (1993), 125
Rosièresite	$[\text{Pb,Cu,Al,PO}_4,\text{H}_2\text{O}]$ (?)	Q	1910	France	<i>Minéralogie de la France ed des ses colonies, Vol. 4. Beranger, Paris</i> (1910), 532	
Rossiantonite	$\text{Al}_3(\text{PO}_4)(\text{SO}_4)_2(\text{OH})_2(\text{H}_2\text{O})_{10} \cdot 4\text{H}_2\text{O}$	A	2012-056	Venezuela	<i>American Mineralogist</i> <b>98</b> (2013), 1899	
Rossite	$\text{Ca}(\text{VO}_3)_2 \cdot 4\text{H}_2\text{O}$	G	1927	USA	<i>Proceedings of the United States National Museum</i> <b>72</b> (1927), 1	<i>Canadian Mineralogist</i> <b>7</b> (1963), 713

Rösslerite	Mg(AsO <sub>3</sub> OH)·7H <sub>2</sub> O	G	1861	Germany	<i>Jahresbericht der Wetterauischen Gesellschaft für die Gesamte Naturkunde zu Hanau</i> (1861), 32	<i>Acta Crystallographica</i> <b>B29</b> (1973), 286
Rossmannite	□(Al <sub>2</sub> Li)Al <sub>6</sub> (Si <sub>6</sub> O <sub>18</sub> )(BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> (OH)	A	1996-018	Czech Republic	<i>American Mineralogist</i> <b>83</b> (1998), 896	
Rossovskyite	(Fe <sup>3+</sup> , Ta)(Nb, Ti)O <sub>4</sub>	A	2014-056	Mongolia	<i>Physics and Chemistry of Minerals</i> <b>42</b> (2015), 825	
Rostite	Al(SO <sub>4</sub> )(OH)·5H <sub>2</sub> O	Rd	1988 s.p.	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1979), 193	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 476
Rouaite	Cu <sub>2</sub> (NO <sub>3</sub> )(OH) <sub>3</sub>	A	1999-010	France	<i>Riviéra Scientifique</i> <b>85</b> (2001), 3	<i>Zeitschrift für Kristallographie</i> <b>165</b> (1983), 127
Roubaultite	Cu <sub>2</sub> O <sub>2</sub> (UO <sub>2</sub> ) <sub>3</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	A	1970-030	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 550	<i>Acta Crystallographica</i> <b>C41</b> (1985), 654
Roumaite	(Nb, Ti)(Ca, Na, □) <sub>3</sub> (Ca, REE) <sub>4</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (OH)F <sub>3</sub>	A	2008-024	Guinea	<i>Canadian Mineralogist</i> <b>48</b> (2010), 17	
Rouseite	Pb <sub>2</sub> Mn <sup>2+</sup> (AsO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1984-071	Sweden	<i>American Mineralogist</i> <b>71</b> (1986), 1034	
Routhierite	TiCuHg <sub>2</sub> As <sub>2</sub> S <sub>6</sub>	A	1973-030	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>97</b> (1974), 48	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 163
Rouvilleite	Na <sub>3</sub> CaMn <sup>2+</sup> (CO <sub>3</sub> ) <sub>3</sub> F	A	1989-050	Canada	<i>Canadian Mineralogist</i> <b>29</b> (1991), 107	<i>Soviet Physics - Crystallography</i> <b>36</b> (1991), 14
Rouxelite	Cu <sub>2</sub> HgPb <sub>22</sub> Sb <sub>28</sub> S <sub>64</sub> (O, S) <sub>2</sub>	A	2002-062	Italy	<i>Canadian Mineralogist</i> <b>43</b> (2005), 919	<i>Mineralogical Magazine</i> <b>78</b> (2014), 651
Roweite	Ca <sub>2</sub> Mn <sup>2+</sup> <sub>2</sub> B <sub>4</sub> O <sub>7</sub> (OH) <sub>6</sub>	G	1937	USA	<i>American Mineralogist</i> <b>22</b> (1937), 301	<i>American Mineralogist</i> <b>59</b> (1974), 60
Rowlandite-(Y)	Fe <sup>2+</sup> Y <sub>4</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> F <sub>2</sub>	A	1987 s.p.	USA	<i>American Journal of Science</i> <b>42</b> (1891), 430	<i>Canadian Mineralogist</i> <b>6</b> (1961), 576
Rowleyite	[Na(NH <sub>4</sub> , K) <sub>9</sub> Cl <sub>4</sub> ][V <sup>5+,4+</sup> <sub>2</sub> (P, As)O <sub>8</sub> ] <sub>6</sub> ·n[H <sub>2</sub> O, Na, NH <sub>4</sub> , K, Cl]	A	2016-037	USA	<i>American Mineralogist</i> <b>102</b> (2017), 1037	
Roxbyite	Cu <sub>9</sub> S <sub>5</sub>	A	1986-010	Australia	<i>Mineralogical Magazine</i> <b>52</b> (1988), 323	<i>Canadian Mineralogist</i> <b>50</b> (2012), 423
Roymillerite	Pb <sub>24</sub> Mg <sub>9</sub> (Si <sub>10</sub> O <sub>28</sub> )(CO <sub>3</sub> ) <sub>10</sub> (BO <sub>3</sub> )(SiO <sub>4</sub> )(OH) <sub>13</sub> O <sub>5</sub>	A	2016-061	Namibia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Rozenite	Fe <sup>2+</sup> (SO <sub>4</sub> )·4H <sub>2</sub> O	Rd	1963 s.p.	Poland	<i>Bulletin de l'Académie Polonaise des Sciences, Série des Sciences Chimiques Géologiques et Géographiques</i> <b>8</b> (1960), 97	<i>Acta Crystallographica</i> <b>15</b> (1962), 815
Rozhdestvenskayaite	Ag <sub>10</sub> Zn <sub>2</sub> Sb <sub>4</sub> S <sub>13</sub>	A	2016-094	Mexico	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	
Ruffite	Ca <sub>2</sub> Cu(AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	2009-077	Chile	<i>Canadian Mineralogist</i> <b>49</b> (2011), 877	
Ruarsite	RuAsS	A	1980 s.p.	China	<i>Kexue Tongbao</i> <b>24</b> (1979), 310	
Rubicline	Rb(AlSi <sub>3</sub> O <sub>8</sub> )	A	1996-058	Italy	<i>American Mineralogist</i> <b>83</b> (1998), 1335	<i>Mineralogical Magazine</i> <b>65</b> (2001), 523
Rubinite	Ca <sub>3</sub> Ti <sup>3+</sup> <sub>2</sub> Si <sub>3</sub> O <sub>12</sub>	A	2016-110	Italy (meteorite) / Mexico (meteorite)	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Rucklidgeite	PbBi <sub>2</sub> Te <sub>4</sub>	A	1975-029	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 62	
Rudabányaite	(Ag <sub>2</sub> Hg <sub>2</sub> )(AsO <sub>4</sub> )Cl	A	2016-088	Hungary	CNMNC Newsletter 35 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 209; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 149	

Rudashevskyite	(Fe,Zn)S	A	2005-017	Azerbaijan (meteorite)	<i>American Mineralogist</i> <b>93</b> (2008), 902	
Rudenkoite	Sr <sub>3</sub> Al <sub>3.5</sub> Si <sub>3.5</sub> O <sub>10</sub> (OH,O) <sub>8</sub> Cl <sub>2</sub> ·H <sub>2</sub> O	A	2003-060	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(3)</b> (2004), 37	
Rüdlingerite	Mn <sup>2+</sup> <sub>2</sub> V <sup>5+</sup> As <sup>5+</sup> O <sub>7</sub> ·2H <sub>2</sub> O	A	2016-054a	Switzerland	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Ruifrancoite	Ca <sub>2</sub> (□,Mn) <sub>2</sub> (Fe <sup>3+</sup> ,Mn,Mg) <sub>4</sub> Be <sub>4</sub> (PO <sub>4</sub> ) <sub>6</sub> (OH) <sub>6</sub> ·4H <sub>2</sub> O	A	2005-061a	Brazil	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1263	
Ruitenbergit	Ca <sub>9</sub> B <sub>26</sub> O <sub>34</sub> (OH) <sub>24</sub> Cl <sub>4</sub> ·13H <sub>2</sub> O	A	1992-011	Canada	<i>Canadian Mineralogist</i> <b>31</b> (1993), 795	<i>Canadian Mineralogist</i> <b>32</b> (1994), 1
Ruizite	Ca <sub>2</sub> Mn <sup>3+</sup> <sub>2</sub> Si <sub>4</sub> O <sub>11</sub> (OH) <sub>4</sub> ·2H <sub>2</sub> O	A	1977-007	USA	<i>Mineralogical Magazine</i> <b>41</b> (1977), 429	<i>American Mineralogist</i> <b>70</b> (1985), 171
Rumseyite	[Pb <sub>2</sub> OF]Cl	A	2011-091	United Kingdom	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1247	
Rusakovite	(Fe,Al) <sub>5</sub> (VO <sub>4</sub> ) <sub>2</sub> (OH) <sub>9</sub> ·3H <sub>2</sub> O	A	1962 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>89</b> (1960), 440	
Rusinovite	Ca <sub>10</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>3</sub> Cl <sub>2</sub>	A	2010-072	Russia	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 837	
Russellite	Bi <sub>2</sub> WO <sub>6</sub>	G	1938	United Kingdom	<i>Mineralogical Magazine</i> <b>25</b> (1938), 41	<i>Mineralogical Magazine</i> <b>56</b> (1992), 399
Russoite	(NH <sub>4</sub> )ClAs <sub>2</sub> O <sub>3</sub> (H <sub>2</sub> O) <sub>0.5</sub>	A	2015-105	Italy	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Rustenburgit	Pt <sub>3</sub> Sn	A	1974-040	South Africa	<i>Canadian Mineralogist</i> <b>13</b> (1975), 146	
Rustumite	Ca <sub>10</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (SiO <sub>4</sub> )(OH) <sub>2</sub> Cl <sub>2</sub>	A	1964-004	United Kingdom	<i>Mineralogical Magazine</i> <b>34</b> (1965), 1	<i>American Mineralogist</i> <b>98</b> (2013), 493
Ruthenarsenite	(Ru,Ni)As	A	1973-020	Papua New Guinea	<i>Canadian Mineralogist</i> <b>12</b> (1974), 280	
Rutheniridosmine	(Ir,Os,Ru)	Rd	1973 s.p.	Japan	<i>Canadian Mineralogist</i> <b>12</b> (1973), 104	<i>Canadian Mineralogist</i> <b>29</b> (1991), 231
Ruthenium	Ru	A	1974-013	Japan	<i>Mineralogical Journal</i> <b>7</b> (1974), 438	
Rutherfordine	(UO <sub>2</sub> )(CO <sub>3</sub> )	A	1962 s.p.	Tanzania	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1906), 761	<i>Canadian Mineralogist</i> <b>37</b> (1999), 929
Rutile	TiO <sub>2</sub>	G	1803	Spain	Handbuch der Mineralogie, Vol. 1. Crusius, Leipzig (1803), 305	<i>Zeitschrift für Kristallographie</i> <b>194</b> (1991), 305
Rynersonite	CaTa <sub>2</sub> O <sub>6</sub>	A	1974-058	USA	<i>American Mineralogist</i> <b>63</b> (1978), 709	<i>Acta Chemica Scandinavica</i> <b>17</b> (1963), 2548
Saamite	Ba□TiNbNa <sub>3</sub> Ti(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> O <sub>2</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub>	Rd	2013-083	Russia	<i>Canadian Mineralogist</i> <b>52</b> (2014), 745	
Sabatierite	Cu <sub>6</sub> TlSe <sub>4</sub>	A	1976-043	Czech Republic	<i>Bulletin de Minéralogie</i> <b>101</b> (1978), 557	<i>Zeitschrift für Kristallographie</i> <b>181</b> (1987), 241
Sabelliite	Cu <sub>2</sub> Zn(AsO <sub>4</sub> )(OH) <sub>3</sub>	A	1994-013	Italy	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 1325	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 1331
Sabieite	(NH <sub>4</sub> )Fe <sup>3+</sup> (SO <sub>4</sub> ) <sub>2</sub>	A	1982-088	South Africa	<i>Annals of the Geological Survey of South Africa</i> <b>17</b> (1983), 29	<i>American Mineralogist</i> <b>99</b> (2014), 1500
Sabinaite	Na <sub>4</sub> TiZr <sub>2</sub> O <sub>4</sub> (CO <sub>3</sub> ) <sub>4</sub>	A	1978-071	Canada	<i>Canadian Mineralogist</i> <b>19</b> (1980), 25	<i>Canadian Mineralogist</i> <b>34</b> (1996), 811
Sabugalite	HAl(UO <sub>2</sub> ) <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> ·16H <sub>2</sub> O	G	1951	Portugal	<i>American Mineralogist</i> <b>36</b> (1951), 671	<i>Physics and Chemistry of Minerals</i> <b>9</b> (1983), 23
Sacrofanite	(Na <sub>61</sub> K <sub>19</sub> Ca <sub>32</sub> ) <sub>Σ=112</sub> (Si <sub>84</sub> Al <sub>84</sub> O <sub>336</sub> )(SO <sub>4</sub> ) <sub>26</sub> Cl <sub>2</sub> F <sub>6</sub> ·2H <sub>2</sub> O	A	1979-058	Italy	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>140</b> (1980), 102	<i>Microporous and Mesoporous Materials</i> <b>147</b> (2011), 318
Sadanagaite	NaCa <sub>2</sub> (Mg <sub>3</sub> Al <sub>2</sub> )(Si <sub>5</sub> Al <sub>3</sub> )O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	Japan	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 177	<i>Canadian Mineralogist</i> <b>46</b> (2008), 151
Saddlebackite	Pb <sub>2</sub> Bi <sub>2</sub> Te <sub>2</sub> S <sub>3</sub>	A	1994-051	Australia	<i>Australian Journal of Mineralogy</i> <b>3</b> (1997), 119	

Safflorite	CoAs <sub>2</sub>	G	1835	Germany	<i>Journal für Praktische Chemie</i> <b>4</b> (1835), 249	<i>Acta Crystallographica</i> <b>E64</b> (2008), i62
Sahamalite-(Ce)	Ce <sub>2</sub> Mg(CO <sub>3</sub> ) <sub>4</sub>	A	1987 s.p.	USA	<i>American Mineralogist</i> <b>38</b> (1953), 721	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>31</b> (1983), 39
Sahlinite	Pb <sub>14</sub> O <sub>9</sub> (AsO <sub>4</sub> ) <sub>2</sub> Cl <sub>4</sub>	G	1934	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>56</b> (1934), 493	<i>Mineralogical Magazine</i> <b>67</b> (2003), 15
Sailaufite	(Ca,Na,□) <sub>2</sub> Mn <sup>3+</sup> <sub>3</sub> O <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> ·3H <sub>2</sub> O	A	2000-005	Germany	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 555	
Sainfeldite	Ca <sub>5</sub> (AsO <sub>4</sub> ) <sub>2</sub> (AsO <sub>3</sub> OH) <sub>2</sub> ·4H <sub>2</sub> O	A	1963-018	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>87</b> (1964), 169	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>95</b> (1972), 33
Sakhaite	Ca <sub>48</sub> Mg <sub>16</sub> Al(SiO <sub>3</sub> OH) <sub>4</sub> (CO <sub>3</sub> ) <sub>16</sub> (BO <sub>3</sub> ) <sub>28</sub> ·(H <sub>2</sub> O) <sub>3</sub> (HCl) <sub>3</sub>	A	1965-035	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>95</b> (1966), 193	<i>Crystallography Reports</i> <b>50</b> (2005), 226
Sakuraiite	(Cu,Zn,Fe) <sub>3</sub> (In,Sn) <sub>4</sub> S <sub>4</sub>	A	1965-017	Japan	<i>Chigaku Kenkyu (Earth Science Studies)</i> , Sakurai volume (1965), 1	<i>Canadian Mineralogist</i> <b>24</b> (1986), 405
Salammoniac	(NH <sub>4</sub> )Cl	Rn	2007 s.p.	Italy	De Re Metallica Libri XII. Froben, Basel (1556)	<i>Trudy Instituta Kristallografii Akademiyi Nauk SSSR</i> <b>12</b> (1956), 18
Saléeite	Mg(UO <sub>2</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>10</sub>	G	1932	Democratic Republic of the Congo / Germany	<i>Bulletin de la Société Belge de Géologie</i> <b>42</b> (1932), 96	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 663
Salesite	Cu(IO <sub>3</sub> )(OH)	G	1939	Chile	<i>American Mineralogist</i> <b>24</b> (1939), 388	<i>American Mineralogist</i> <b>63</b> (1978), 172
Saliotite	(Li,Na)Al <sub>3</sub> (Si <sub>3</sub> Al)O <sub>10</sub> (OH) <sub>5</sub>	A	1990-018	Spain	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 897	
Saltonseaitite	K <sub>3</sub> NaMnCl <sub>6</sub>	A	2011-104	USA	<i>American Mineralogist</i> <b>98</b> (2013), 231	
Salzburgite	Cu <sub>1.6</sub> Pb <sub>1.6</sub> Bi <sub>6.4</sub> S <sub>12</sub>	A	2000-044	Austria	<i>Canadian Mineralogist</i> <b>43</b> (2005), 909	<i>Canadian Mineralogist</i> <b>44</b> (2006), 189
Samaniite	Cu <sub>2</sub> Fe <sub>5</sub> Ni <sub>2</sub> S <sub>8</sub>	A	2007-038	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>106</b> (2011), 204	
Samarskite-(Y)	(Y,Ce,U,Fe,Nb)(Nb,Ta,Ti)O <sub>4</sub>	A	1980 s.p.	Russia	<i>Annalen der Physik und Chemie</i> <b>71</b> (1847), 157	<i>American Mineralogist</i> <b>101</b> (2016), 1679
Samarskite-(Yb)	YbNbO <sub>4</sub>	A	2004-001	USA	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1119	
Samfowlerite	Ca <sub>14</sub> Mn <sup>3+</sup> <sub>3</sub> Zn <sub>2</sub> Be <sub>2</sub> Be <sub>6</sub> Si <sub>14</sub> O <sub>52</sub> (OH) <sub>6</sub>	A	1991-045	USA	<i>Canadian Mineralogist</i> <b>32</b> (1994), 43	
Sampleite	NaCaCu <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub> Cl·5H <sub>2</sub> O	G	1942	Chile	<i>American Mineralogist</i> <b>27</b> (1942), 586	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 75
Samsonite	Ag <sub>4</sub> MnSb <sub>2</sub> S <sub>6</sub>	G	1910	Germany	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1910), 331	<i>American Mineralogist</i> <b>92</b> (2007), 886
Samuelsonite	Ca <sub>9</sub> Mn <sup>2+</sup> <sub>4</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>10</sub> (OH) <sub>2</sub>	A	1974-026	USA	<i>American Mineralogist</i> <b>60</b> (1975), 957	<i>American Mineralogist</i> <b>62</b> (1977), 229
Sanbornite	BaSi <sub>2</sub> O <sub>5</sub>	G	1932	USA	<i>American Mineralogist</i> <b>17</b> (1932), 161	<i>Zeitschrift für Kristallographie</i> <b>153</b> (1980), 33
Sanderite	Mg(SO <sub>4</sub> )·2H <sub>2</sub> O	G	1952	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1952), 28	<i>American Mineralogist</i> <b>94</b> (2009), 622
Saneroite	NaMn <sup>2+</sup> <sub>5</sub> [Si <sub>5</sub> O <sub>14</sub> (OH)](VO <sub>3</sub> )(OH)	A	1979-060	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 161	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 393
Sanguite	KCuCl <sub>3</sub>	A	2013-002	Russia	<i>Canadian Mineralogist</i> <b>53</b> (2015), 633	
Sanidine	K(AlSi <sub>3</sub> O <sub>8</sub> )	G	1808	Germany	Mineralogische Studien über die Gebirge am Niederrhein. Hermann, Frankfurt (1808), 24	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 183

Sanjuanite	$\text{Al}_2(\text{PO}_4)(\text{SO}_4)(\text{OH})\cdot 9\text{H}_2\text{O}$	A	1966-043	Argentina	<i>American Mineralogist</i> <b>53</b> (1968), 1	<i>Canadian Mineralogist</i> <b>49</b> (2011), 835
Sanmartinite	$\text{Zn}(\text{WO}_4)$	G	1948	Argentina	<i>Notulae Naturae of the Academy of Natural Sciences of Philadelphia</i> (1948), 205	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 1019
Sanrománite	$\text{Na}_2\text{CaPb}_3(\text{CO}_3)_5$	A	2006-009	Chile	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>183</b> (2007), 117	
Santabarbaraite	$\text{Fe}^{3+}_3(\text{PO}_4)_2(\text{OH})_3\cdot 5\text{H}_2\text{O}$	A	2000-052	Italy	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 185	
Santaclaraite	$\text{CaMn}^{2+}_4\text{Si}_5\text{O}_{14}(\text{OH})_2\cdot \text{H}_2\text{O}$	A	1979-005	USA	<i>American Mineralogist</i> <b>69</b> (1984), 200	<i>American Mineralogist</i> <b>66</b> (1981), 154
Santafeite	$(\text{Ca}, \text{Sr}, \text{Na})_3(\text{Mn}^{2+}, \text{Fe}^{3+})_2\text{Mn}^{4+}_2(\text{VO}_4)_4(\text{OH}, \text{O})_5\cdot 2\text{H}_2\text{O}$	G	1958	USA	<i>American Mineralogist</i> <b>43</b> (1958), 677	<i>Mineralogical Magazine</i> <b>50</b> (1986), 299
Santanaite	$\text{Pb}_{11}\text{CrO}_{16}$	A	1971-035	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1972), 455	
Santarosaite	$\text{CuB}_2\text{O}_4$	A	2007-013	Chile	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>185</b> (2008), 27	
Santite	$\text{KB}_5\text{O}_6(\text{OH})_4\cdot 2\text{H}_2\text{O}$	A	1969-044	Italy	<i>Contributions to Mineralogy and Petrology</i> <b>27</b> (1970), 159	<i>Zeitschrift für Kristallographie</i> <b>98</b> (1937), 266
Saponite	$(\text{Ca}, \text{Na})_{0.3}(\text{Mg}, \text{Fe})_3(\text{Si}, \text{Al})_4\text{O}_{10}(\text{OH})_2\cdot 4\text{H}_2\text{O}$	G	1840	United Kingdom	<i>Kungliga Svenska Vetenskaps-Akademiens Handlingar</i> (1840), 153	
Sapphirine	$\text{Mg}_4(\text{Mg}_3\text{Al}_9)\text{O}_4[\text{Si}_3\text{Al}_9\text{O}_{36}]$	G	1819	Denmark (Greenland)	<i>Göttingische Gelehrte Anzeigen. Weidmannsche, Berlin</i> (1819), 1994	<i>Contributions to Mineralogy and Petrology</i> <b>68</b> (1979), 357
Sarabauite	$\text{Sb}_4\text{S}_6\cdot \text{CaSb}_6\text{O}_{10}$	A	1976-035	Malaysia	<i>American Mineralogist</i> <b>63</b> (1978), 715	<i>Acta Crystallographica</i> <b>B34</b> (1978), 3569
Saranchinaite	$\text{Na}_2\text{Cu}(\text{SO}_4)_2$	A	2015-019	Russia	CNMNC Newsletter 26 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 941	
Sarcolite	$\text{Na}_4\text{Ca}_{12}\text{Al}_8\text{Si}_{12}\text{O}_{46}(\text{SiO}_4, \text{PO}_4)(\text{OH}, \text{H}_2\text{O})_4(\text{CO}_3, \text{Cl})$	G	1807	Italy	<i>Annales du Muséum d'Histoire Naturelle</i> <b>9</b> (1807), 241	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>24</b> (1977), 1
Sarcopside	$\text{Fe}^{2+}_3(\text{PO}_4)_2$	G	1868	Poland	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>20</b> (1868), 245	<i>American Mineralogist</i> <b>57</b> (1972), 24
Sardignaite	$\text{BiMo}_2\text{O}_7(\text{OH})\cdot 2\text{H}_2\text{O}$	A	2008-040	Italy	<i>Mineralogy and Petrology</i> <b>100</b> (2010), 17	
Sarkinite	$\text{Mn}^{2+}_2(\text{AsO}_4)(\text{OH})$	G	1885	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>7</b> (1885), 724	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>21</b> (1974), 246
Sarmientite	$\text{Fe}^{3+}_2(\text{AsO}_4)(\text{SO}_4)(\text{OH})\cdot 5\text{H}_2\text{O}$	G	1941	Argentina	<i>Notulae Naturae of the Academy of Natural Sciences of Philadelphia</i> (1941), 92	<i>Mineralogical Magazine</i> <b>78</b> (2014), 347
Sarrabusite	$\text{Pb}_5\text{CuCl}_4(\text{SeO}_3)_4$	A	1997-046a	Italy	<i>Acta Crystallographica</i> <b>B68</b> (2012), 15	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1493
Sartorite	$\text{PbAs}_2\text{S}_4$	G	1868	Switzerland	<i>A System of Mineralogy</i> , 5th ed. Wiley, New York (1868), 87	<i>American Mineralogist</i> <b>88</b> (2003), 450
Saryarkite-(Y)	$\text{Ca}(\text{Y}, \text{Th})\text{Al}_5(\text{SiO}_4)_2(\text{PO}_4)_2(\text{OH})_7\cdot 6\text{H}_2\text{O}$	A	1987 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>93</b> (1964), 147	
Sasaite	$\text{Al}_6(\text{PO}_4)_5(\text{OH})_3\cdot 36\text{H}_2\text{O}$	A	1977-033	South Africa	<i>Mineralogical Magazine</i> <b>42</b> (1978), 401	
Sassolite	$\text{B}(\text{OH})_3$	G	1808	Italy	<i>Mineralogische Tabellen mit Rücksicht auf die neuesten Entdeckungen ausgearbeitet und mit erläuternden Anmerkungen versehen. Rottmann, Berlin</i> (1808), 75	<i>Acta Crystallographica</i> <b>B42</b> (1986), 545

Satimolite	$\text{KNa}_2\text{Al}_4(\text{B}_2\text{O}_5)_3\text{Cl}_3 \cdot 13\text{H}_2\text{O}$	A	1967-023	Kazakhstan	<i>Trudy Mineralogicheskogo Muzeya Akademiyi Nauk SSSR</i> <b>19</b> (1969), 121	
Satpaevite	$\text{Al}_{12}(\text{V}^{4+}, \text{V}^{5+})_8\text{O}_{37} \cdot 30\text{H}_2\text{O}$ (?)	Q	1959	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>88</b> (1959), 157	
Satterlyite	$(\text{Fe}^{2+}, \text{Mg}, \text{Fe}^{3+})_{12}(\text{PO}_3\text{OH})(\text{PO}_4)_5(\text{OH}, \text{O})_6$	A	1976-056	Canada	<i>Canadian Mineralogist</i> <b>16</b> (1978), 411	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 127
Sauconite	$\text{Na}_{0.3}\text{Zn}_3(\text{Si}, \text{Al})_4\text{O}_{10}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	G	1875	USA	<i>Pennsylvania Geological Survey</i> <b>2</b> (1875), 1	<i>American Mineralogist</i> <b>36</b> (1951), 795
Sayrite	$\text{Pb}_2(\text{UO}_2)_5\text{O}_6(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	1982-050	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>106</b> (1983), 299	
Sazhinite-(Ce)	$\text{Na}_3\text{CeSi}_6\text{O}_{15} \cdot 2\text{H}_2\text{O}$	A	1973-060	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 338	<i>Kristallografiya</i> <b>25</b> (1980), 728
Sazhinite-(La)	$\text{Na}_3\text{LaSi}_6\text{O}_{15} \cdot 2\text{H}_2\text{O}$	A	2002-042a	Namibia	<i>Mineralogical Magazine</i> <b>70</b> (2006), 405	
Sazykinaite-(Y)	$\text{Na}_5\text{YzrSi}_6\text{O}_{18} \cdot 6\text{H}_2\text{O}$	A	1992-031	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(5)</b> (1993), 76	
Sborgite	$\text{NaB}_5\text{O}_6(\text{OH})_4 \cdot 3\text{H}_2\text{O}$	G	1957	Italy	<i>Atti dell'Accademia Nazionale dei Lincei, Classe di Scienze Fisiche, Matematiche e Naturali, Serie VIII</i> <b>22</b> (1957), 519	<i>Acta Crystallographica</i> <b>B28</b> (1972), 3559
Scacchite	$\text{MnCl}_2$	G	1869	Italy	Tableau Minéralogique. Dunod, Paris (1869), 70.	<i>Zeitschrift für Kristallographie</i> <b>192</b> (1990), 147
Scainiite	$\text{Pb}_{14}\text{Sb}_{30}\text{S}_{54}\text{O}_5$	A	1996-014	Italy	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 949	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 835
Scandioababingtonite	$(\text{Ca}, \text{Na})_2(\text{Fe}^{2+}, \text{Mn})(\text{Sc}, \text{Fe}^{3+})\text{Si}_5\text{O}_{14}(\text{OH})$	A	1993-012	Italy	<i>American Mineralogist</i> <b>83</b> (1998), 1330	
Scarbroite	$\text{Al}_5(\text{CO}_3)(\text{OH})_{13} \cdot 5\text{H}_2\text{O}$	G	1829	United Kingdom	<i>Philosophical Magazine</i> <b>5</b> (1829), 178	<i>Mineralogical Magazine</i> <b>43</b> (1980), 615
Scawtite	$\text{Ca}_7(\text{Si}_3\text{O}_9)_2(\text{CO}_3) \cdot 2\text{H}_2\text{O}$	G	1930	United Kingdom	<i>Mineralogical Magazine</i> <b>22</b> (1930), 222	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1489
Schachnerite	$\text{Ag}_{1.1}\text{Hg}_{0.9}$	A	1971-055	Germany	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>117</b> (1972), 1	<i>Mineralogical Magazine</i> <b>51</b> (1987), 318
Schafarzikite	$\text{Fe}^{2+}(\text{Sb}^{3+})_2\text{O}_4$	G	1921	Slovakia	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>56</b> (1921), 198	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 419
Schäferite	$(\text{NaCa}_2)\text{Mg}_2(\text{VO}_4)_3$	A	1997-048	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1999), 123	
Schairerite	$\text{Na}_{21}(\text{SO}_4)_7\text{ClF}_6$	G	1931	USA	<i>American Mineralogist</i> <b>16</b> (1931), 133	<i>Mineralogical Magazine</i> <b>40</b> (1975), 131
Schallerite	$\text{Mn}^{2+}_{16}\text{As}^{3+}_3\text{Si}_{12}\text{O}_{36}(\text{OH})_{17}$	G	1925	USA	<i>American Mineralogist</i> <b>10</b> (1925), 9	<i>Yamaguchi University, College of Arts Bulletin</i> <b>26</b> (1992), 51
Schapbachite	$\text{Ag}_{0.4}\text{Pb}_{0.2}\text{Bi}_{0.4}\text{S}$	Rd	1982 s.p.	Germany	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>29</b> (1877), 77	<i>Canadian Mineralogist</i> <b>48</b> (2010), 441
Schaurteite	$\text{Ca}_3\text{Ge}(\text{SO}_4)_2(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	A	1988 s.p.	Namibia	Festschrift Dr. Werner Schaurte. Bauer & Schaurte, Neuss (1967), 33	<i>Acta Crystallographica</i> <b>E69</b> (2013), i6
Scheelite	$\text{Ca}(\text{WO}_4)$	G	1821	Sweden	Handbuch der Oryktognosie. Mohr & Winter, Heidelberg (1821), 594	<i>Journal of Physics and Chemistry of Solids</i> <b>46</b> (1985), 253
Schertelite	$(\text{NH}_4)_2\text{Mg}(\text{PO}_3\text{OH})_2 \cdot 4\text{H}_2\text{O}$	G	1902	Australia	<i>Chemical News and Journal of Industrial Science</i> <b>85</b> (1902), 181	<i>Acta Crystallographica</i> <b>B28</b> (1972), 683
Scheuchzerite	$\text{NaMn}^{2+}_9\text{Si}_9\text{V}^{5+}\text{O}_{28}(\text{OH})_4$	A	2004-044	Switzerland	<i>American Mineralogist</i> <b>91</b> (2006), 937	

Schiavinitoite	Nb(BO <sub>4</sub> )	A	1999-051	Madagascar	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 159	
Schieffelinite	Pb <sub>10</sub> Te <sup>6+</sup> <sub>6</sub> O <sub>20</sub> (OH) <sub>14</sub> (SO <sub>4</sub> )(H <sub>2</sub> O) <sub>5</sub>	A	1979-043	USA	<i>Mineralogical Magazine</i> <b>43</b> (1980), 771	<i>American Mineralogist</i> <b>97</b> (2012), 212
Schindlerite	{(NH <sub>4</sub> ) <sub>4</sub> Na <sub>2</sub> (H <sub>2</sub> O) <sub>10</sub> {V <sub>10</sub> O <sub>28</sub> }	Rd	2015 s.p.	USA	<i>Canadian Mineralogist</i> <b>51</b> (2013), 297	<i>Canadian Mineralogist</i> <b>54</b> (2016), 555
Schlegelite	Bi <sub>7</sub> O <sub>4</sub> (MoO <sub>4</sub> ) <sub>2</sub> (AsO <sub>4</sub> ) <sub>3</sub>	A	2003-051	Germany	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 803	
Schlemaite	(Cu, □) <sub>6</sub> (Pb, Bi)Se <sub>4</sub>	A	2003-026	Germany	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1433	
Schlossmacherite	(H <sub>3</sub> O)Al <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	Rd	1979-028	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 215	
Schlüterite-(Y)	(Y, REE) <sub>2</sub> AlSi <sub>2</sub> O <sub>7</sub> (OH) <sub>2</sub> F	A	2012-015	Norway	<i>Mineralogical Magazine</i> <b>77</b> (2013), 353	
Schmidite	[Zn <sub>2</sub> (Fe <sup>3+</sup> , Mn <sup>2+</sup> ) <sub>2</sub> Fe <sup>3+</sup> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>3</sub> (H <sub>2</sub> O) <sub>6</sub> ].2H <sub>2</sub> O	A	2017-012	Germany	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Schmiederite	Cu <sub>2</sub> Pb <sub>2</sub> (Se <sup>4+</sup> O <sub>3</sub> )(Se <sup>6+</sup> O <sub>4</sub> )(OH) <sub>4</sub>	G	1962	Argentina	Appendix to the Second Edition of an Index of Mineral Species and Varieties Arranged Chemically. British Museum of Natural History, London (1963), 84	<i>Mineralogy and Petrology</i> <b>36</b> (1987), 3
Schmitterite	(UO <sub>2</sub> )(Te <sup>4+</sup> O <sub>3</sub> )	A	1967-045	Mexico	<i>American Mineralogist</i> <b>56</b> (1971), 411	<i>Acta Crystallographica</i> <b>B29</b> (1973), 1251
Schneebergite	BiCo <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH)·H <sub>2</sub> O	A	1999-027	Germany	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 115	
Schneiderhöhnite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>3</sub> As <sup>3+</sup> <sub>5</sub> O <sub>13</sub>	A	1973-046	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1973), 517	<i>Canadian Mineralogist</i> <b>54</b> (2016), 707
Schoderite	Al <sub>2</sub> (PO <sub>4</sub> )(VO <sub>4</sub> )·8H <sub>2</sub> O	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 637	<i>American Mineralogist</i> <b>64</b> (1979), 713
Schoenfliesite	MgSn(OH) <sub>6</sub>	A	1968-008	USA	<i>Zeitschrift für Kristallographie</i> <b>134</b> (1971), 116	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1203
Schoepite	(UO <sub>2</sub> ) <sub>8</sub> O <sub>2</sub> (OH) <sub>12</sub> ·12H <sub>2</sub> O	A	1962 s.p.	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>8</b> (1923), 67	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1071
Schöllhornite	Na <sub>0.3</sub> CrS <sub>2</sub> ·H <sub>2</sub> O	A	1984-043	USA (meteorite)	<i>American Mineralogist</i> <b>70</b> (1985), 638	
Scholzite	CaZn <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	G	1948	Germany	<i>Fortschritte der Mineralogie</i> <b>27</b> (1948), 31	<i>Zeitschrift für Kristallographie</i> <b>198</b> (1992), 239
Schoonerite	ZnMn <sup>2+</sup> Fe <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>2</sub> ·9H <sub>2</sub> O	A	1976-021	USA	<i>American Mineralogist</i> <b>62</b> (1977), 246	<i>American Mineralogist</i> <b>62</b> (1977), 250
Schorl	NaFe <sup>2+</sup> <sub>3</sub> Al <sub>6</sub> (Si <sub>6</sub> O <sub>18</sub> )(BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> (OH)	Rn	2007 s.p.	Germany	original paper?	<i>American Mineralogist</i> <b>90</b> (2005), 1784
Schorlomite	Ca <sub>3</sub> Ti <sub>2</sub> (SiFe <sup>3+</sup> <sub>2</sub> )O <sub>12</sub>	G	1846	USA	<i>American Journal of Science</i> <b>52</b> (1846), 249	<i>Physics and Chemistry of Minerals</i> <b>32</b> (2005), 277
Schreibersite	(Fe, Ni) <sub>3</sub> P	G	1848	Chile	<i>Berichte Über die Mittheilungen von Freunden der Naturwissenschaften in Wien</i> <b>3</b> (1848), 65	<i>Physics and Chemistry of Minerals</i> <b>31</b> (2005), 721
Schreyerite	V <sup>3+</sup> <sub>2</sub> Ti <sup>4+</sup> <sub>3</sub> O <sub>9</sub>	A	1976-004	Kenya	<i>Naturwissenschaften</i> <b>63</b> (1976), 293	<i>American Mineralogist</i> <b>91</b> (2006), 196
Schröckingerite	NaCa <sub>3</sub> (UO <sub>2</sub> )(SO <sub>4</sub> )(CO <sub>3</sub> ) <sub>3</sub> F·10H <sub>2</sub> O	G	1873	Czech Republic	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>1</b> (1873), 137	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>35</b> (1986), 1
Schubnelite	Fe <sup>3+</sup> (V <sup>5+</sup> O <sub>4</sub> )·H <sub>2</sub> O	A	1970-015	Gabon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 470	<i>American Mineralogist</i> <b>84</b> (1999), 665
Schuetteite	Hg <sub>3</sub> O <sub>2</sub> (SO <sub>4</sub> )	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 1026	<i>Acta Crystallographica</i> <b>E57</b> (2001), i98

Schulingite-(Nd)	$\text{CuPbNd}(\text{CO}_3)_3(\text{OH}) \cdot 1.5\text{H}_2\text{O}$	A	1987 s.p.	Democratic Republic of the Congo	<i>Bulletin de la Société Géologique de Belgique</i> <b>90</b> (1947), B233	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1463
Schulenbergite	$(\text{Cu,Zn})_7(\text{SO}_4)_2(\text{OH})_{10} \cdot 3\text{H}_2\text{O}$	A	1982-074	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 17	<i>Archives de Sciences de Genève</i> <b>47</b> (1994), 117
Schüllerite	$\text{Ba}_2\text{Ti}_2\text{Na}_2\text{Mg}_2(\text{Si}_2\text{O}_7)_2\text{O}_2\text{F}_2$	Rd	2010-035	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140(1)</b> (2011), 36	<i>Canadian Mineralogist</i> <b>51</b> (2013), 715
Schultenite	$\text{Pb}(\text{AsO}_3\text{OH})$	G	1926	Namibia	<i>Mineralogical Magazine</i> <b>21</b> (1926), 149	<i>Journal of Crystallographic and Spectroscopic Research</i> <b>21</b> (1991), 589
Schumacherite	$\text{Bi}_3\text{O}(\text{VO}_4)_2(\text{OH})$	A	1982-023	Germany	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>31</b> (1983), 165	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1993), 487
Schwartzembergite	$\text{Pb}^{2+}_5\text{H}_2\text{I}^{3+}\text{O}_6\text{Cl}_3$	G	1868	Chile	A System of Mineralogy, 5th ed. Wiley, New York (1868), 120	<i>Canadian Mineralogist</i> <b>39</b> (2001), 785
Schwertmannite	$\text{Fe}^{3+}_{16}\text{O}_{16}(\text{OH})_{9.6}(\text{SO}_4)_{3.2} \cdot 10\text{H}_2\text{O}$	A	1990-006	Finland	<i>Mineralogical Magazine</i> <b>58</b> (1994), 641	<i>American Mineralogist</i> <b>95</b> (2010), 1312
Sclarite	$\text{Zn}_7(\text{CO}_3)_2(\text{OH})_{10}$	A	1988-026	USA	<i>American Mineralogist</i> <b>74</b> (1989), 1355	
Scolecite	$\text{Ca}(\text{Si}_3\text{Al}_2)\text{O}_{10} \cdot 3\text{H}_2\text{O}$	A	1997 s.p.	Iceland	<i>Journal für Chemie und Physik</i> <b>8</b> (1813), 353	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 567
Scorodite	$\text{Fe}^{3+}(\text{AsO}_4) \cdot 2\text{H}_2\text{O}$	G	1818	Germany	Handbuch der Mineralogie von C.A.S. Hoffmann, Vol. 4. Craz und Gerlach, Freiberg (1818), 182	<i>Acta Crystallographica</i> <b>E63</b> (2007), i67
Scorzalite	$\text{Fe}^{2+}\text{Al}_2(\text{PO}_4)_2(\text{OH})_2$	G	1949	Brazil	<i>American Mineralogist</i> <b>34</b> (1949), 83	<i>Acta Crystallographica</i> <b>12</b> (1959), 695
Scotlandite	$\text{Pb}(\text{S}^{4+}\text{O}_3)$	A	1982-001	United Kingdom	<i>Mineralogical Magazine</i> <b>48</b> (1984), 283	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>34</b> (1985), 289
Scottyite	$\text{BaCu}_2\text{Si}_2\text{O}_7$	A	2012-027	South Africa	<i>American Mineralogist</i> <b>98</b> (2013), 478	
Scrutinyite	$\text{PbO}_2$	A	1984-061	USA	<i>Canadian Mineralogist</i> <b>26</b> (1988), 905	
Seamanite	$\text{Mn}^{2+}_3\text{B}(\text{OH})_4(\text{PO}_4)(\text{OH})_2$	G	1930	USA	<i>American Mineralogist</i> <b>15</b> (1930), 220	<i>Canadian Mineralogist</i> <b>40</b> (2002), 923
Searlesite	$\text{NaBSi}_2\text{O}_5(\text{OH})_2$	G	1914	USA	<i>American Journal of Science, Ser. IV</i> <b>38</b> (1914), 437	<i>American Mineralogist</i> <b>61</b> (1976), 123
Sederholmite	$\text{NiSe}$	A	1967 s.p.	Finland	<i>Comptes Rendus de la Société Géologique de Finlande</i> <b>36</b> (1964), 113	<i>Acta Chemica Scandinavica</i> <b>22</b> (1968), 2118
Sedovite	$\text{U}^{4+}(\text{MoO}_4)_2$	A	1968 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>94</b> (1965), 548	
Seeligerite	$\text{Pb}_3(\text{IO}_4)\text{Cl}_3$	A	1970-036	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1971), 210	<i>Mineralogical Magazine</i> <b>72</b> (2008), 771
Seelite	$\text{Mg}(\text{UO}_2)_2(\text{AsO}_3, \text{AsO}_4)_2 \cdot 7\text{H}_2\text{O}$	A	1992-005	France / Iran	<i>Mineralogical Record</i> <b>24</b> (1993), 463	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 673
Segelerite	$\text{CaMgFe}^{3+}(\text{PO}_4)_2(\text{OH}) \cdot 4\text{H}_2\text{O}$	A	1973-023	USA	<i>American Mineralogist</i> <b>59</b> (1974), 48	<i>American Mineralogist</i> <b>62</b> (1977), 692
Segerstromite	$\text{Ca}_3(\text{As}^{5+}\text{O}_4)_2[\text{As}^{3+}(\text{OH})_3]_2$	A	2014-001	Chile	CNMNC Newsletter 20 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 549	
Segnitite	$\text{PbFe}^{3+}_3(\text{AsO}_4)(\text{AsO}_3\text{OH})(\text{OH})_6$	A	1991-017	Australia	<i>American Mineralogist</i> <b>77</b> (1992), 656	<i>American Mineralogist</i> <b>99</b> (2014), 1355
Seidite-(Ce)	$\text{Na}_4(\text{Ce,Sr})_2\text{TiSi}_8\text{O}_{18}(\text{O,OH,F})_6 \cdot 5\text{H}_2\text{O}$	A	1993-029	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(4)</b> (1998), 94	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1183



Seidozerite	$\text{Na}_2\text{Zr}_2\text{Na}_2\text{MnTi}(\text{Si}_2\text{O}_7)_2\text{O}_2\text{F}_2$	Rd	2016 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>87</b> (1958), 590	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1203
Seifertite	$\text{SiO}_2$	A	2004-010	India (meteorite)	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 523	<i>American Mineralogist</i> <b>87</b> (2002), 1018
Seinäjäkite	$\text{FeSb}_2$	A	1976-001	Finland	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 617	<i>Acta Chemica Scandinavica</i> <b>23</b> (1969), 3043
Sejkoraite-(Y)	$\text{Y}_2[(\text{UO}_2)_8\text{O}_6(\text{SO}_4)_4(\text{OH})_2]\cdot 26\text{H}_2\text{O}$	A	2009-008	Czech Republic	<i>American Mineralogist</i> <b>96</b> (2011), 983	
Sekaninaite	$\text{Fe}^{2+}_2\text{Al}_4\text{Si}_5\text{O}_{18}$	A	1967-047	Czech Republic	<i>Scripta Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis, Geologia</i> <b>1(5)</b> (1975), 21	<i>Mineralogical Magazine</i> <b>77</b> (2013), 485
Selenium	Se	G	1828 ?	unknown	<i>American Mineralogist</i> <b>19</b> (1934), 194	<i>Soviet Physics - Crystallography</i> <b>14</b> (1969), 259
Selenopalpaite	$\text{Ag}_3\text{CuSe}_2$	A	2004-048	Sweden	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1373	
Selenopolybasite	$\text{Cu}(\text{Ag}, \text{Cu})_6\text{Ag}_9\text{Sb}_2(\text{S}, \text{Se})_9\text{Se}_2$	A	2006-053	USA	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1525	<i>Acta Crystallographica</i> <b>B62</b> (2006), 768
Selenostephanite	$\text{Ag}_5\text{Sb}(\text{Se}, \text{S})_4$	A	1982-028	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 627	
Seligmannite	$\text{CuPbAsS}_3$	G	1901	Switzerland	<i>Sitzungsberichte der Königlich Preussischen Akademie der Wissenschaften</i> (1901), 110	<i>Zeitschrift für Kristallographie</i> <b>131</b> (1970), 397
Selivanovaite	$(\text{Na}, \text{Ca})_3(\text{Ti}, \text{Fe})_5(\text{Si}_2\text{O}_7)_2\text{O}_4(\text{OH})_3\cdot 7\text{H}_2\text{O}$	A	2015-126	Russia	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Sellaite	$\text{MgF}_2$	G	1868	France	<i>Atti della Regia Accademia delle Scienze di Torino</i> <b>4</b> (1868), 35	<i>Acta Crystallographica</i> <b>B32</b> (1976), 2200
Selwynite	$\text{NaKBeZr}_2(\text{PO}_4)_4\cdot 2\text{H}_2\text{O}$	A	1993-037	Australia	<i>Canadian Mineralogist</i> <b>33</b> (1995), 55	
Semenovite-(Ce)	$(\text{Na}, \text{Ca})_9\text{Fe}^{2+}\text{Ce}_2(\text{Si}, \text{Be})_{20}(\text{O}, \text{OH}, \text{F})_{48}$	A	1971-036	Denmark (Greenland)	<i>Lithos</i> <b>5</b> (1972), 163	<i>American Mineralogist</i> <b>64</b> (1979), 202
Semseyite	$\text{Pb}_9\text{Sb}_8\text{S}_{21}$	G	1881	Romania	<i>Magyar Tudományos Akadémia Értésítője</i> <b>15</b> (1881), 111	<i>American Mineralogist</i> <b>59</b> (1974), 1127
Senaite	$\text{Pb}(\text{Mn}, \text{Y}, \text{U})(\text{Fe}, \text{Zn})_2(\text{Ti}, \text{Fe}, \text{Cr}, \text{V})_{18}(\text{O}, \text{OH})_{38}$	G	1898	Brazil	<i>Mineralogical Magazine</i> <b>12</b> (1898), 30	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 163
Senarmontite	$\text{Sb}_2\text{O}_3$	Rn	1851	Algeria	<i>American Journal of Science and Arts</i> <b>12</b> (1851), 205	<i>Acta Crystallographica</i> <b>B31</b> (1975), 2016
Senegalite	$\text{Al}_2(\text{PO}_4)(\text{OH})_3\cdot \text{H}_2\text{O}$	A	1975-004	Senegal	<i>Lithos</i> <b>9</b> (1976), 165	<i>American Mineralogist</i> <b>64</b> (1979), 1243
Sengierite	$\text{Cu}_2(\text{UO}_2)_2(\text{VO}_4)_2(\text{OH})_2\cdot 6\text{H}_2\text{O}$	Rn	2007 s.p.	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>34</b> (1949), 109	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 176
Senkevichite	$\text{CsNaKCa}_2\text{TiOSi}_7\text{O}_{18}(\text{OH})$	A	2004-017	Tajikistan	<i>New Data on Minerals</i> <b>40</b> (2005), 11	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1341
Sepiolite	$\text{Mg}_4\text{Si}_6\text{O}_{15}(\text{OH})_2\cdot 6\text{H}_2\text{O}$	G	1847	Italy	Generum et Specierum Mineralium, Secundum Ordines Naturales Digestorum Synopsis. Anton, Halle (1847), 185	<i>American Mineralogist</i> <b>92</b> (2007), 91
Serandite	$\text{NaMn}^{2+}_2\text{Si}_3\text{O}_8(\text{OH})$	Rn	1931	Guinea	<i>Comptes Rendus de l'Academie des Sciences de Paris</i> <b>192</b> (1931), 187	<i>American Mineralogist</i> <b>99</b> (2014), 1755
Serendibite	$\text{Ca}_4[\text{Mg}_6\text{Al}_6]\text{O}_4[\text{Si}_6\text{B}_3\text{Al}_3\text{O}_{36}]$	G	1903	Sri Lanka	<i>Mineralogical Magazine</i> <b>13</b> (1903), 224	<i>Canadian Mineralogist</i> <b>52</b> (2014), 1
Sergeevite	$\text{Ca}_2\text{Mg}_{11}(\text{CO}_3)_9(\text{HCO}_3)_4(\text{OH})_4\cdot 6\text{H}_2\text{O}$	A	1979-038	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 217	

Serpierite	$\text{Ca}(\text{Cu,Zn})_4(\text{SO}_4)_2(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	G	1881	Greece	<i>Bulletin de la Société Mineralogique de France</i> <b>4</b> (1881), 89	<i>Acta Crystallographica</i> <b>B24</b> (1968), 1214
Serrabrancaite	$\text{Mn}(\text{PO}_4) \cdot \text{H}_2\text{O}$	A	1998-006	Brazil	<i>American Mineralogist</i> <b>85</b> (2000), 847	<i>Inorganic Chemistry</i> <b>26</b> (1987), 3544
Sewardite	$\text{CaFe}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2$	A	2001-054	Namibia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1191	
Shabaite-(Nd)	$\text{CaNd}_2(\text{UO}_2)(\text{CO}_3)_4(\text{OH})_2 \cdot 6\text{H}_2\text{O}$	A	1988-005	Democratic Republic of the Congo	<i>European Journal of Mineralogy</i> <b>1</b> (1989), 85	
Shabynite	$\text{Mg}_5(\text{BO}_3)(\text{OH})_5\text{Cl}_2 \cdot 4\text{H}_2\text{O}$	A	1979-075	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 569	
Shadlunite	$(\text{Fe,Cu})_8(\text{Pb,Cd})\text{S}_8$	A	1972-012	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 63	
Shafranovskite	$\text{Na}_3\text{K}_2(\text{Mn,Fe,Na})_4[\text{Si}_9(\text{O,OH})_{27}](\text{OH})_2 \cdot n\text{H}_2\text{O}$	A	1981-048	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 475	<i>American Mineralogist</i> <b>89</b> (2004), 1816
Shakhovite	$\text{Hg}^{1+}_4\text{Sb}^{5+}\text{O}_3(\text{OH})_3$	A	1980-069	Kyrgyzstan	<i>Geologiya i Geofizika</i> <b>11</b> (1980), 128	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>30</b> (1982), 227
Shandite	$\text{Ni}_3\text{Pb}_2\text{S}_2$	G	1950	Australia	<i>Sitzungsberichte der Deutschen Akademie der Wissenschaften zu Berlin (Mathematisch-naturwissenschaftliche Klasse)</i> <b>6</b> (1950), 1	<i>American Mineralogist</i> <b>35</b> (1950), 425
Shannonite	$\text{Pb}_2\text{O}(\text{CO}_3)$	A	1993-053	USA	<i>Mineralogical Magazine</i> <b>59</b> (1995), 305	<i>Mineralogical Magazine</i> <b>64</b> (2000), 1063
Sharpite	$\text{Ca}(\text{UO}_2)_6(\text{CO}_3)_5(\text{OH})_4 \cdot 6\text{H}_2\text{O}$	G	1938	Democratic Republic of the Congo	<i>Bulletin des Séances de l'Institut Royal Colonial Belge</i> <b>9</b> (1938), 333	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 109
Sharyginite	$\text{Ca}_3\text{TiFe}_2\text{O}_8$	A	2017-014	Germany	CNMNC Newsletter 37 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 737; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 529	
Shattuckite	$\text{Cu}_5(\text{SiO}_3)_4(\text{OH})_2$	Rd	1967 s.p.	USA	<i>Journal of the Washington Academy of Sciences</i> <b>5</b> (1915), 7	<i>American Mineralogist</i> <b>62</b> (1977), 491
Shcherbakovite	$\text{K}_2\text{NaTi}_2\text{O}(\text{OH})\text{Si}_4\text{O}_{12}$	G	1954	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>99</b> (1954), 837	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1193
Shcherbinaite	$\text{V}_2\text{O}_5$	A	1971-021	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>101</b> (1972), 464	<i>Acta Crystallographica</i> <b>C42</b> (1986), 1467
Shchurovskyite	$\text{K}_2\text{CaCu}_6\text{O}_2(\text{AsO}_4)_4$	A	2013-078	Russia	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1737	
Sheldrickite	$\text{NaCa}_3(\text{CO}_3)_2\text{F}_3 \cdot \text{H}_2\text{O}$	A	1996-019	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 181	
Shenzhuangite	$\text{NiFeS}_2$	A	2017-018	China	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Sherwoodite	$\text{Ca}_{4.5}\text{AlV}^{4+}_2\text{V}^{5+}_{12}\text{O}_{40} \cdot 28\text{H}_2\text{O}$	G	1958	USA	<i>American Mineralogist</i> <b>43</b> (1958), 749	<i>American Mineralogist</i> <b>63</b> (1978), 863
Shibkovite	$\text{K}_2\text{Ca}_2(\text{Zn}_3\text{Si}_{12})\text{O}_{30}$	A	1997-018	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(4)</b> (1998), 89	<i>Doklady Akademii Nauk</i> <b>369</b> (1999), 378
Shigaite	$\text{Mn}_6\text{Al}_3(\text{OH})_{18}[\text{Na}(\text{H}_2\text{O})_6](\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	1984-057	Japan	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 453	<i>Canadian Mineralogist</i> <b>34</b> (1996), 91
Shilovite	$\text{Cu}(\text{NH}_3)_4(\text{NO}_3)_2$	A	2014-016	Chile	<i>Mineralogical Magazine</i> <b>79</b> (2015), 613	

Shimazakiite	$\text{Ca}_2\text{B}_2\text{O}_5$	A	2010-085a	Japan	<i>Mineralogical Magazine</i> <b>77</b> (2013), 93	
Shinkolobweite	$\text{Pb}_{1.25}[\text{U}^{5+}(\text{H}_2\text{O})_2(\text{U}^{6+}\text{O}_2)_5\text{O}_8(\text{OH})_2](\text{H}_2\text{O})_5$	A	2016-095	Democratic Republic of the Congo	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Shirokshinite	$\text{K}(\text{Mg}_2\text{Na})\text{Si}_4\text{O}_{10}\text{F}_2$	A	2001-063	Russia	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 447	
Shirozulite	$\text{KMn}^{2+}_3(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2$	A	2001-045	Japan	<i>American Mineralogist</i> <b>89</b> (2004), 232	
Shkatulkalite	$\text{Na}_{10}\text{MnTi}_3\text{Nb}_3(\text{Si}_2\text{O}_7)_6(\text{OH})_2\text{F}\cdot 12\text{H}_2\text{O}$	A	1993-058	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>125(1)</b> (1996), 120	<i>Canadian Mineralogist</i> <b>43</b> (2005), 973
Shlykovite	$\text{KCa}[\text{Si}_4\text{O}_9(\text{OH})]\cdot 3\text{H}_2\text{O}$	A	2008-062	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(1)</b> (2010), 37	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 547
Shomiokite-(Y)	$\text{Na}_3\text{Y}(\text{CO}_3)_3\cdot 3\text{H}_2\text{O}$	A	1990-015	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(6)</b> (1992), 129	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 1249
Shortite	$\text{Na}_2\text{Ca}_2(\text{CO}_3)_3$	G	1939	USA	<i>American Mineralogist</i> <b>24</b> (1939), 514	<i>Journal of Research of the National Bureau of Standards - A: Physics and Chemistry</i> <b>75</b> (1971), 129
Shuangfengite	$\text{IrTe}_2$	A	1993-018	China	<i>Acta Mineralogica Sinica</i> <b>14</b> (1994), 322	
Shubnikovite	$\text{Ca}_2\text{Cu}_8(\text{AsO}_4)_6\text{Cl}(\text{OH})\cdot 7\text{H}_2\text{O}$ (?)	Q	1953	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>82</b> (1953), 311	
Shuiskite	$\text{Ca}_2\text{MgCr}_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH})_2\cdot \text{H}_2\text{O}$	A	1980-061	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 508	
Shulamitite	$\text{Ca}_3\text{TiFe}^{3+}\text{AlO}_8$	A	2011-016	Israel	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 97	
Shumwayite	$[(\text{UO}_2)(\text{SO}_4)(\text{H}_2\text{O})_2]_2\cdot \text{H}_2\text{O}$	A	2015-058	USA	<i>Mineralogical Magazine</i> <b>81</b> (2017), 273	
Shuvalovite	$\text{K}_2(\text{Ca}_2\text{Na})(\text{SO}_4)_3\text{F}$	A	2014-057	Russia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 53	
Sibirskite	$\text{CaH}(\text{BO}_3)$	G	1962	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 455	<i>Canadian Mineralogist</i> <b>49</b> (2011), 823
Sicherite	$\text{TiAg}_2(\text{As,Sb})_3\text{S}_6$	A	1997-051	Switzerland	<i>American Mineralogist</i> <b>86</b> (2001), 1087	
Sicklerite	$\text{LiMn}^{2+}(\text{PO}_4)$	G	1912	USA	<i>Journal of the Washington Academy of Sciences</i> <b>2</b> (1912), 143	<i>American Mineralogist</i> <b>70</b> (1985), 395
Siderazot	$\text{FeN}_x$ ( $x \approx 0.25-0.5$ )	Q	1876	Italy	<i>Annalen der Physik und Chemie</i> <b>157</b> (1876), 165	<i>Zeitschrift für Kristallographie</i> <b>74</b> (1930), 511
Siderite	$\text{Fe}(\text{CO}_3)$	A	1962 s.p.	unknown	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 499	<i>Zeitschrift für Kristallographie</i> <b>156</b> (1981), 233
Sideronatriite	$\text{Na}_2\text{Fe}^{3+}(\text{SO}_4)_2(\text{OH})\cdot 3\text{H}_2\text{O}$	G	1878	Chile	Mineraux du Perou. Chaix, Paris (1878), 233	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 427
Siderophyllite	$\text{KFe}^{2+}_2\text{Al}(\text{Si}_2\text{Al}_2)\text{O}_{10}(\text{OH})_2$	A	1998 s.p.	USA	<i>Proceedings of the Academy of Natural Sciences of Philadelphia</i> <b>32</b> (1880) 254	<i>American Mineralogist</i> <b>85</b> (2000), 1275
Siderotil	$(\text{Fe,Cu})(\text{SO}_4)\cdot 5\text{H}_2\text{O}$	Rd	1963 s.p.	Slovenia	<i>Jahrbuch der Geologischen Reichsanstalt Wien</i> <b>41</b> (1891), 380	<i>Canadian Mineralogist</i> <b>41</b> (2003), 671

Sidorenkite	$\text{Na}_3\text{Mn}(\text{PO}_4)(\text{CO}_3)$	A	1978-013	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>108</b> (1979), 56	<i>Soviet Physics Doklady</i> <b>25</b> (1980), 156
Sidpietersite	$\text{Pb}^{2+}_4(\text{S}_2\text{O}_3)_2(\text{OH})_2$	A	1998-036	Namibia	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1269	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1275
Sidwillite	$\text{MoO}_3 \cdot 2\text{H}_2\text{O}$	A	1983-089	USA	<i>Bulletin de Minéralogie</i> <b>108</b> (1985), 813	<i>Acta Crystallographica</i> <b>B28</b> (1972), 2222
Siegenite	$\text{CoNi}_2\text{S}_4$	G	1850	Germany	A System of Mineralogy, 3rd ed. Putnam, New York and London (1850), 687	<i>Canadian Mineralogist</i> <b>22</b> (1984), 499
Sieleckiite	$\text{Cu}_3\text{Al}_4(\text{PO}_4)_2(\text{OH})_{12} \cdot 2\text{H}_2\text{O}$	A	1987-023	Australia	<i>Mineralogical Magazine</i> <b>52</b> (1988), 515	<i>Mineralogical Magazine</i> <b>81</b> (2017), 917
Sigloite	$\text{Fe}^{3+}\text{Al}_2(\text{PO}_4)_2(\text{OH})_3 \cdot 7\text{H}_2\text{O}$	A	1967 s.p.	Bolivia	<i>American Mineralogist</i> <b>47</b> (1962), 1	<i>Mineralogy and Petrology</i> <b>38</b> (1988), 201
Siidraite	$\text{Pb}_2\text{Cu}(\text{OH})_2\text{I}_3$	A	2016-039	Australia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Silhydrite	$\text{Si}_3\text{O}_6 \cdot \text{H}_2\text{O}$	A	1970-044	USA	<i>American Mineralogist</i> <b>57</b> (1972), 1053	
Silicocarnotite	$\text{Ca}_5[(\text{PO}_4)(\text{SiO}_4)](\text{PO}_4)$	A	2013-139	Israel	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 105	
Silicon	Si	A	1982-099	Cuba	<i>Doklady Akademii Nauk SSSR</i> <b>309</b> (1989), 1182	
Silinaite	$\text{NaLiSi}_2\text{O}_5 \cdot 2\text{H}_2\text{O}$	A	1990-028	Canada	<i>Canadian Mineralogist</i> <b>29</b> (1991), 359	<i>Canadian Mineralogist</i> <b>29</b> (1991), 363
Sillénite	$\text{Bi}_{12}\text{SiO}_{20}$	G	1943	Mexico	<i>American Mineralogist</i> <b>28</b> (1943), 521	<i>Acta Crystallographica</i> <b>B47</b> (1991), 1
Sillimanite	$\text{Al}_2\text{SiO}_5$	G	1824	USA	<i>American Journal of Science and Arts</i> <b>8</b> (1824), 113	<i>American Mineralogist</i> <b>91</b> (2006), 319
Silver	Ag	G	?	unknown	original paper?	
Silvialite	$\text{Ca}_4\text{Al}_6\text{Si}_6\text{O}_{24}(\text{SO}_4)$	A	1998-010	Australia	<i>Mineralogical Magazine</i> <b>63</b> (1999), 321	
Simferite	$\text{Li}(\text{Mg}, \text{Fe}^{3+}, \text{Mn}^{3+})_2(\text{PO}_4)_2$	A	1989-016	Ukraine	<i>Mineralogichnii Zhurnal</i> <b>27</b> (2005), 112	<i>Doklady Akademii Nauk SSSR</i> <b>307</b> (1989), 1119
Simmonsite	$\text{Na}_2\text{LiAlF}_6$	A	1997-045	USA	<i>American Mineralogist</i> <b>84</b> (1999), 769	<i>Journal of Solid State Chemistry</i> <b>172</b> (2003), 95
Simonellite	$\text{C}_{19}\text{H}_{24}$	G	1919	Italy	<i>Atti dell'Accademia delle Scienze di Bologna</i> <b>23</b> (1919), 83	<i>Atti dell'Accademia Nazionale dei Lincei, Rendiconti</i> <b>47</b> (1969), 41
Simonite	$\text{TIHgAs}_3\text{S}_6$	A	1982-052	Macedonia	<i>Zeitschrift für Kristallographie</i> <b>161</b> (1982), 159	
Simonkollite	$\text{Zn}_5(\text{OH})_8\text{Cl}_2 \cdot \text{H}_2\text{O}$	A	1983-019	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 145	<i>Canadian Mineralogist</i> <b>40</b> (2002), 939
Simplotite	$\text{CaV}^{4+}_4\text{O}_9 \cdot 5\text{H}_2\text{O}$	G	1956	USA	<i>Science</i> <b>123</b> (1956), 1078	<i>American Mineralogist</i> <b>43</b> (1958), 16
Simpsonite	$\text{Al}_4\text{Ta}_3\text{O}_{13}(\text{OH})$	G	1938	Australia	<i>Report of the Department of Mines Western Australia</i> <b>93</b> (1938), 88	<i>Canadian Mineralogist</i> <b>30</b> (1992), 663
Sincosite	$\text{Ca}(\text{VO})_2(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	G	1922	Peru	<i>Journal of the Washington Academy of Sciences</i> <b>12</b> (1922), 195	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(2)</b> (1997), 85
Sinhalite	$\text{MgAl}(\text{BO}_4)$	G	1952	Sri Lanka	<i>Mineralogical Magazine</i> <b>29</b> (1952), 841	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 313
Sinjarite	$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	A	1979-041	Iraq	<i>Mineralogical Magazine</i> <b>43</b> (1980), 643	<i>Acta Crystallographica</i> <b>B33</b> (1977), 1608
Sinkankasite	$\text{Mn}^{2+}\text{Al}(\text{PO}_3\text{OH})_2(\text{OH}) \cdot 6\text{H}_2\text{O}$	A	1982-078	USA	<i>American Mineralogist</i> <b>69</b> (1984), 380	<i>American Mineralogist</i> <b>80</b> (1995), 620
Sinnerite	$\text{Cu}_6\text{As}_4\text{S}_9$	A	1964-020	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>44</b> (1964), 5	<i>Canadian Mineralogist</i> <b>51</b> (2013), 851

Sinoite	Si <sub>2</sub> N <sub>2</sub> O	A	1967 s.p.	Pakistan	<i>Science</i> <b>146</b> (1964), 256	<i>Acta Crystallographica</i> <b>C47</b> (1991), 2438
Sitinakite	KNa <sub>2</sub> Ti <sub>4</sub> Si <sub>2</sub> O <sub>13</sub> (OH)·4H <sub>2</sub> O	A	1989-051	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(1)</b> (1992), 94	<i>Chemistry of Materials</i> <b>22</b> (2010), 4222
Skaergaardite	PdCu	A	2003-049	Denmark (Greenland)	<i>Mineralogical Magazine</i> <b>68</b> (2004), 615	
Skinnerite	Cu <sub>3</sub> SbS <sub>3</sub>	A	1973-035	Denmark (Greenland)	<i>American Mineralogist</i> <b>59</b> (1974), 889	<i>Canadian Mineralogist</i> <b>33</b> (1995), 655
Skippenite	Bi <sub>2</sub> Se <sub>2</sub> Te	A	1986-033	Canada	<i>Canadian Mineralogist</i> <b>25</b> (1987), 625	<i>Canadian Mineralogist</i> <b>42</b> (2004), 835
Skłodowskite	Mg(UO <sub>2</sub> ) <sub>2</sub> (SiO <sub>3</sub> OH) <sub>2</sub> ·6H <sub>2</sub> O	G	1924	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie</i> <b>47</b> (1924), 162	<i>Crystal Structure Communications</i> <b>6</b> (1977), 611
Skorpionite	Ca <sub>3</sub> Zn <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>2</sub> ·H <sub>2</sub> O	A	2005-010	Namibia	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 271	
Skutterudite	CoAs <sub>3</sub>	G	1845	Norway	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Acta Crystallographica</i> <b>B27</b> (1971), 2288
Slavíkite	(H <sub>3</sub> O) <sub>3</sub> Mg <sub>6</sub> Fe <sub>15</sub> (SO <sub>4</sub> ) <sub>21</sub> (OH) <sub>18</sub> ·98H <sub>2</sub> O	Rd	2008 s.p.	Czech Republic	<i>Věstník Státní Geologického Ústavu Československé Republiky</i> <b>2</b> (1926), 348	<i>American Mineralogist</i> <b>95</b> (2010), 11
Slavkovite	Cu <sub>13</sub> (AsO <sub>4</sub> ) <sub>6</sub> (AsO <sub>3</sub> OH) <sub>4</sub> ·23H <sub>2</sub> O	A	2004-038	Czech Republic	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1157	
Slawsonite	Sr(Al <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> )	A	1967-026	USA	<i>American Mineralogist</i> <b>62</b> (1977), 31	
Smirnite	Bi <sup>3+</sup> <sub>2</sub> Te <sup>4+</sup> O <sub>5</sub>	A	1982-104	Armenia	<i>Doklady Akademii Nauk SSSR</i> <b>278</b> (1984), 199	<i>Materials Chemistry and Physics</i> <b>9</b> (1983), 467
Smirnovskite	(Th,Ca)(PO <sub>4</sub> )·nH <sub>2</sub> O	Q	1957	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>86</b> (1957), 607	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(3)</b> (1993), 79
Smithite	AgAsS <sub>2</sub>	G	1905	Switzerland	<i>Mineralogical Magazine</i> <b>14</b> (1905), 72	<i>Naturwissenschaften</i> <b>51</b> (1964), 35
Smithsonite	Zn(CO <sub>3</sub> )	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 354	<i>Zeitschrift für Kristallographie</i> <b>156</b> (1981), 233
Smolyaninovite	Co <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> (AsO <sub>4</sub> ) <sub>4</sub> ·11H <sub>2</sub> O	G	1956	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>109</b> (1956), 849	<i>Mineralogical Magazine</i> <b>41</b> (1977), 385
Smrkovecrite	Bi <sub>2</sub> O(OH)(PO <sub>4</sub> )	A	1993-040	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1996), 97	
Smythite	(Fe,Ni) <sub>3+x</sub> S <sub>4</sub> (x ≈ 0-0.3)	G	1956	USA	<i>Journal of the American Chemical Society</i> <b>78</b> (1956), 2017	<i>American Mineralogist</i> <b>57</b> (1972), 1571
Sobolevite	Na <sub>6</sub> (Na <sub>2</sub> Ca)(NaCaMn)Na <sub>2</sub> Ti <sub>2</sub> Na <sub>2</sub> (TiMn)(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> O <sub>2</sub> (OF)F <sub>2</sub>	Rd	1982-042	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 456	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1527
Sobolevskite	PdBi	A	1973-042	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 568	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Sodalite	Na <sub>4</sub> (Si <sub>3</sub> Al <sub>3</sub> )O <sub>12</sub> Cl	G	1811	Denmark (Greenland)	<i>Journal of Natural Philosophy, Chemistry and the Arts</i> <b>29</b> (1811), 285	<i>American Mineralogist</i> <b>89</b> (2004), 359
Soddyite	(UO <sub>2</sub> ) <sub>2</sub> (SiO <sub>4</sub> )·2H <sub>2</sub> O	G	1922	Democratic Republic of the Congo	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>174</b> (1922), 1066	<i>Acta Crystallographica</i> <b>C48</b> (1992), 1

Sofiite	$Zn_2(Se^{4+}O_3)Cl_2$	A	1987-028	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(1)</b> (1989), 65	
Sogdianite	$KZr_2Li_3Si_{12}O_{30}$	A	1971 s.p.	Tajikistan	<i>Doklady Akademii Nauk SSSR</i> <b>182</b> (1968), 1176	<i>Canadian Mineralogist</i> <b>38</b> (2000), 853
Söhngeite	$Ga(OH)_3$	A	1965-022	Namibia	<i>Naturwissenschaften</i> <b>52</b> (1965), 493	<i>American Mineralogist</i> <b>56</b> (1971), 355
Sokolovaite	$CsLi_2AlSi_4O_{10}F_2$	A	2004-012	Tajikistan	<i>New Data on Minerals</i> <b>41</b> (2006), 5	
Solongoite	$Ca_2B_3O_4(OH)_4Cl$	A	1973-017	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 117	<i>Soviet Physics - Crystallography</i> <b>22</b> (1977), 356
Somersetite	$Pb_8O_2(OH)_2(CO_3)_5$	A	2017-024	United Kingdom	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Sonolite	$Mn^{2+}_9(SiO_4)_4(OH)_2$	A	1967 s.p.	Japan	<i>Memoirs of the Faculty of Science, Kyushu University, Series D: Geology</i> <b>14</b> (1963), 1	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 410
Sonoraite	$Fe^{3+}(Te^{4+}O_3)(OH) \cdot H_2O$	A	1968-001	Mexico	<i>American Mineralogist</i> <b>53</b> (1968), 1828	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>14</b> (1970), 27
Sopcheite	$Ag_4Pd_3Te_4$	A	1980-101	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 114	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 603
Sorbyite	$Pb_9Cu(Sb,As)_{11}S_{26}$	A	1966-032	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 3
Sørensenite	$Na_4Be_2Sn(Si_3O_9)_2 \cdot 2H_2O$	A	1965-006	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>181</b> (1965), 1	<i>Acta Crystallographica</i> <b>B32</b> (1976), 2553
Sorosite	$Cu_{1+x}(Sn,Sb)$	A	1994-047	Russia	<i>American Mineralogist</i> <b>83</b> (1998), 901	
Sosedkoite	$K_5Al_2Ta_{22}O_{60}$	A	1981-014	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>264</b> (1982), 442	
Součekite	$CuPbBi(S,Se)_3$	A	1976-017	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1979), 289	
Souzalite	$Mg_3Al_4(PO_4)_4(OH)_6 \cdot 2H_2O$	G	1949	Brazil	<i>American Mineralogist</i> <b>34</b> (1949), 83	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 719
Spadaite	$MgSiO_2(OH)_2 \cdot H_2O$ (?)	Q	1863	Italy	<i>Gelehrte Anzeigen der Königlich Bayerischen Akademie der Wissenschaften</i> <b>17</b> (1863), 945	<i>American Mineralogist</i> <b>16</b> (1931), 231
Spaltiite	$Tl_2Cu_2As_2S_5$	A	2014-012	Switzerland	CNMNC Newsletter 20 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 549	
Spangolite	$Cu_6Al(SO_4)(OH)_{12}Cl \cdot 3H_2O$	G	1890	USA	<i>American Journal of Science</i> <b>39</b> (1890), 370	<i>American Mineralogist</i> <b>78</b> (1993), 649
Spencerite	$Zn_4(PO_4)_2(OH)_2 \cdot 3H_2O$	G	1916	Canada	<i>Mineralogical Magazine</i> <b>18</b> (1916), 76	<i>Mineralogical Magazine</i> <b>38</b> (1972), 687
Sperrylite	$PtAs_2$	G	1889	USA	<i>American Journal of Science</i> <b>137</b> (1889), 67	<i>Canadian Mineralogist</i> <b>17</b> (1979), 117
Spertiniite	$Cu(OH)_2$	A	1980-033	Canada	<i>Canadian Mineralogist</i> <b>19</b> (1981), 337	<i>Acta Crystallographica</i> <b>C46</b> (1990), 2279
Spessartine	$Mn^{2+}_3Al_2(SiO_4)_3$	G	1832	Germany	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 52	<i>American Mineralogist</i> <b>56</b> (1971), 791
Sphaerobrandite	$Be_3(SiO_4)(OH)_2$	Rd	2003 s.p.	Russia / Norway	<i>Trudy Instituta Mineralogii Geokhimii i Kristalloghimii Redkikh Elementov</i> <b>1</b> (1957), 64	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 157
Sphaerobismoite	$Bi_2O_3$	A	1993-009	Germany	<i>Aufschluss</i> <b>46</b> (1995), 245	<i>Acta Crystallographica</i> <b>C44</b> (1988), 587

Sphalerite	ZnS	A	1980 s.p.	unknown	Generum et Specierum Mineralium, Secundum Ordines Naturales Digestorum Synopsis. Anton, Halle (1847), 13	<i>American Mineralogist</i> <b>46</b> (1961), 1399
Spheniscidite	$(\text{NH}_4)\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})\cdot 2\text{H}_2\text{O}$	A	1977-029	Antarctica	<i>Mineralogical Magazine</i> <b>50</b> (1986), 291	<i>Acta Crystallographica</i> <b>C50</b> (1994), 1379
Spherochalcite	$\text{Co}(\text{CO}_3)$	Rd	1962 s.p.	Germany	<i>Jahrbuch für das Berg- und Hüttenwesen im Königreiche Sachsen</i> (1877), 42	<i>Acta Crystallographica</i> <b>C42</b> (1986), 4
Spinel	$\text{MgAl}_2\text{O}_4$	G	1546 ?	unknown	original paper?	<i>American Mineralogist</i> <b>84</b> (1999), 299
Spionkopite	$\text{Cu}_{39}\text{S}_{28}$	A	1978-023	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 511	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 489
Spiroffite	$\text{Mn}^{2+}_2\text{Te}^{4+}_3\text{O}_8$	A	1967 s.p.	Mexico	<i>Mineralogical Society of America, Special Paper</i> <b>1</b> (1963), 305	<i>Canadian Mineralogist</i> <b>34</b> (1996), 821
Spodumene	$\text{LiAlSi}_2\text{O}_6$	A	1962 s.p.	Sweden	<i>Allgemeines Journal der Chemie</i> <b>4</b> (1800), 28	<i>Canadian Mineralogist</i> <b>41</b> (2003), 521
Spriggite	$\text{Pb}_3(\text{UO}_2)_6\text{O}_8(\text{OH})_2\cdot 3\text{H}_2\text{O}$	A	2002-014	Australia	<i>American Mineralogist</i> <b>89</b> (2004), 339	
Springcreekite	$\text{BaV}^{3+}_3(\text{PO}_4)(\text{PO}_3\text{OH})(\text{OH})_6$	A	1998-048	Australia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1999), 529	
Spryite	$\text{Ag}_8(\text{As}^{3+}_{0.5}\text{As}^{5+}_{0.5})\text{S}_6$	A	2015-116	Peru	CNMNC Newsletter 30 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 407	
Spurrite	$\text{Ca}_5(\text{SiO}_4)_2(\text{CO}_3)$	G	1908	Mexico	<i>American Journal of Science</i> <b>176</b> (1908), 545	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1489
Srebrodolskite	$\text{Ca}_2\text{Fe}^{3+}_2\text{O}_5$	A	1984-050	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 195	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 129
Šreinite	$\text{Pb}(\text{UO}_2)_4(\text{BiO})_3(\text{PO}_4)_2(\text{OH})_7\cdot 4\text{H}_2\text{O}$	A	2004-022	Czech Republic	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>184</b> (2007), 197	
Srilankite	$\text{Ti}_2\text{ZrO}_6$	A	1982-056	Sri Lanka	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 151	<i>Physics and Chemistry of Minerals</i> <b>32</b> (2005), 504
Stalderite	$\text{TiCu}(\text{Zn}, \text{Fe}, \text{Hg})_2\text{As}_2\text{S}_6$	A	1987-024	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>75</b> (1995), 337	
Staněkite	$\text{Fe}^{3+}\text{Mn}^{2+}\text{O}(\text{PO}_4)$	A	1994-045	Namibia / France	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 475	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 113
Stanfieldite	$\text{Ca}_4\text{Mg}_5(\text{PO}_4)_6$	A	1966-045	USA	<i>Science</i> <b>158</b> (1967), 910	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>16</b> (1971), 79
Stanleyite	$\text{V}^{4+}\text{O}(\text{SO}_4)\cdot 6\text{H}_2\text{O}$	A	1980-042	Peru	<i>Mineralogical Magazine</i> <b>45</b> (1982), 163	
Stannite	$\text{Cu}_2\text{FeSnS}_4$	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 416	<i>Canadian Mineralogist</i> <b>41</b> (2003), 639
Stannoidite	$\text{Cu}_8(\text{Fe}, \text{Zn})_3\text{Sn}_2\text{S}_{12}$	A	1968-004a	Japan	<i>Bulletin of the National Science Museum, Tokyo</i> <b>12</b> (1969), 165	<i>Zeitschrift für Kristallographie</i> <b>144</b> (1976), 145
Stannopalladinite	$\text{Pd}_3\text{Sn}_2$ (?)	G	1947	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>58</b> (1947), 1137	
Starkeyite	$\text{Mg}(\text{SO}_4)\cdot 4\text{H}_2\text{O}$	A	1970-014a	USA	<i>Mineralogical Record</i> <b>6</b> (1975), 144	<i>Acta Crystallographica</i> <b>17</b> (1964), 863
Staročeskéite	$\text{Ag}_{0.70}\text{Pb}_{1.60}(\text{Bi}_{1.35}\text{Sb}_{1.35})_{\Sigma 2.70}\text{S}_6$	A	2016-101	Czech Republic	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	

Starovaite	$\text{KCu}_5\text{O}(\text{VO}_4)_3$	A	2011-085	Russia	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 91	
Staurolite	$\text{Fe}^{2+}_2\text{Al}_9\text{Si}_4\text{O}_{23}(\text{OH})$	G	1792	unknown	Manuel du Minéralogiste. Cuchet, Paris (1792), 298	<i>Canadian Mineralogist</i> <b>31</b> (1993), 551
Stavelotite-(La)	$\text{La}_3\text{Mn}^{2+}_3\text{Cu}^{2+}(\text{Mn}^{3+}, \text{Fe}^{3+}, \text{Mn}^{4+})_{26}(\text{Si}_2\text{O}_7)_6\text{O}_{30}$	A	2004-014	Belgium	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 703	
Steacyite	$\text{K}_{0.3}(\text{Na}, \text{Ca})_2\text{ThSi}_6\text{O}_{20}$	A	1981 s.p.	Canada	<i>Canadian Mineralogist</i> <b>20</b> (1982), 59	
Steedeite	$\text{NaMn}_2[\text{Si}_3\text{BO}_9](\text{OH})_2$	A	2013-052	Canada	<i>Canadian Mineralogist</i> <b>52</b> (2014), 47	
Steenstrupine-(Ce)	$\text{Na}_{14}\text{Ce}_6\text{Mn}^{2+}_2\text{Fe}^{3+}_2\text{Zr}(\text{PO}_4)_7\text{Si}_{12}\text{O}_{36}(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	A	1987 s.p.	Denmark (Greenland)	<i>Mineralogical Magazine</i> <b>5</b> (1882), 49	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>31</b> (1983), 47
Steigerite	$\text{Al}(\text{VO}_4) \cdot 3\text{H}_2\text{O}$	G	1935	USA	<i>American Mineralogist</i> <b>20</b> (1935), 769	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 100
Steinhardtite	Al	A	2014-036	Russia (meteorite)	<i>American Mineralogist</i> <b>99</b> (2014), 2433	
Steinmetzite	$\text{Zn}_2\text{Fe}^{3+}(\text{PO}_4)_2(\text{OH}) \cdot 3\text{H}_2\text{O}$	A	2015-081	Germany	CNMNC Newsletter 28 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1859	
Steklite	$\text{KAl}(\text{SO}_4)_2$	A	2011-041	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(4)</b> (2012), 36	
Stellerite	$\text{Ca}_4(\text{Si}_{28}\text{Al}_8)\text{O}_{72} \cdot 28\text{H}_2\text{O}$	A	1997 s.p.	Russia	<i>Bulletin International de l'Académie des Sciences de Cracovie</i> (1909), 344	<i>American Mineralogist</i> <b>91</b> (2006), 628
Stenhuggarite	$\text{CaFe}^{3+}\text{Sb}^{3+}\text{As}^{3+}_2\text{O}_7$	A	1966-037	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>5</b> (1970), 55	<i>Acta Crystallographica</i> <b>B33</b> (1977), 1807
Stenonite	$\text{Sr}_2\text{Al}(\text{CO}_3)\text{F}_5$	A	1967 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>169</b> (1962), 1	<i>Canadian Mineralogist</i> <b>22</b> (1984), 245
Stepanovite	$\text{NaMgFe}^{3+}(\text{C}_2\text{O}_4)_3 \cdot 8 \cdot 9\text{H}_2\text{O}$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>82</b> (1953), 311	
Stephanite	$\text{Ag}_5\text{SbS}_4$	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 563	<i>Mineralogical Magazine</i> <b>73</b> (2009), 17
Štěpíte	$\text{U}(\text{AsO}_3\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	2012-006	Czech Republic	<i>Mineralogical Magazine</i> <b>77</b> (2013), 137	
Stercorite	$(\text{NH}_4)\text{Na}(\text{PO}_3\text{OH}) \cdot 4\text{H}_2\text{O}$	G	1850	Namibia	<i>Quarterly Journal of the Chemical Society</i> <b>2</b> (1850), 70	<i>Acta Crystallographica</i> <b>B30</b> (1974), 504
Sterlinghillite	$\text{Mn}^{2+}_3(\text{AsO}_4)_2 \cdot 3\text{H}_2\text{O}$	A	1980-007	USA	<i>American Mineralogist</i> <b>66</b> (1981), 182	<i>Bulletin of the National Science Museum, Tokyo, Ser. C</i> <b>26</b> (2000), 1
Sternbergite	$\text{AgFe}_2\text{S}_3$	G	1828	Czech Republic	<i>Transactions of the Royal Society of Edinburgh</i> <b>11</b> (1828), 1	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 458
Steropesite	$\text{Ti}_3\text{BiCl}_6$	A	2008-014	Italy	<i>Canadian Mineralogist</i> <b>47</b> (2009), 373	
Sterryite	$\text{Cu}(\text{Ag}, \text{Cu})_3\text{Pb}_{19}(\text{Sb}, \text{As})_{22}(\text{As})_2\text{S}_{56}$	A	1966-020	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	<i>Acta Crystallographica</i> <b>B68</b> (2012), 480
Stetefeldtite	$\text{Ag}_2\text{Sb}_2(\text{O}, \text{OH})_7$	Q	2013 s.p.	USA	<i>Berg- und Hüttenmännische Zeitung</i> <b>26</b> (1867), 253	
Stetindite-(Ce)	$\text{Ce}(\text{SiO}_4)$	Rn	2008-035	Norway	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>186</b> (2009), 195	
Stevensite	$(\text{Ca}, \text{Na})_x\text{Mg}_{3-y}\text{Si}_4\text{O}_{10}(\text{OH})_2$	Q	1873	USA	<i>American Journal of Science</i> <b>6</b> (1873), 22	<i>American Mineralogist</i> <b>44</b> (1959), 342
Steverustite	$\text{Pb}^{2+}_5(\text{OH})_5[\text{Cu}^{1+}(\text{S}^{6+}\text{O}_3\text{S}^{2-})_3](\text{H}_2\text{O})_2$	A	2008-021	United Kingdom	<i>Mineralogical Magazine</i> <b>73</b> (2009), 235	



Stewartite	$\text{Mn}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	G	1912	USA	<i>Journal of the Washington Academy of Sciences</i> <b>2</b> (1912), 143	<i>American Mineralogist</i> <b>59</b> (1974), 1272
Stibarsen	SbAs	A	1982 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>63</b> (1941), 424	<i>American Mineralogist</i> <b>76</b> (1991), 257
Stibiconite	$\text{Sb}^{3+}\text{Sb}^{5+}_2\text{O}_6(\text{OH})$	Q	2013 s.p.	Germany	Traité Élémentaire de Minéralogie, 2nd ed. Carilian Jeune, Paris (1837)	
Stibioclaudeite	$\text{AsSbO}_3$	A	2007-028	Namibia	<i>Mineralogical Record</i> <b>40</b> (2009), 209	
Stibiocolumbite	$\text{SbNbO}_4$	G	1915	USA	A System of Mineralogy, 3rd Appendix. Wiley, New York (1915), 74	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2002), 145
Stibiocolusite	$\text{Cu}_{13}\text{V}(\text{Sb},\text{Sn},\text{As})_3\text{S}_{16}$	A	1991-043	Uzbekistan	<i>Doklady Akademii Nauk</i> <b>324</b> (1992), 411	<i>Resource Geology</i> <b>49</b> (1999), 75
Stibiopalladinite	$\text{Pd}_5\text{Sb}_2$	A	1980 s.p.	South Africa	The Platinum Deposits and Mines of South Africa. Oliver and Boyd, Edinburgh (1929)	<i>Journal of the Less-Common Metals</i> <b>22</b> (1970), 445
Stibiotantalite	$\text{Sb}^{3+}\text{TaO}_4$	G	1893	Australia	<i>Transactions and Proceedings and Report of the Royal Society of South Australia</i> <b>17</b> (1893), 127	<i>Chemical Communications</i> (1965), 611
Stibivanite	$\text{Sb}^{3+}_2\text{V}^{4+}\text{O}_5$	A	1980-020	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 329	<i>Canadian Mineralogist</i> <b>27</b> (1989), 625
Stibnite	$\text{Sb}_2\text{S}_3$	G	1832	unknown	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 421	<i>American Mineralogist</i> <b>89</b> (2004), 932
Stichtite	$\text{Mg}_6\text{Cr}_2(\text{CO}_3)(\text{OH})_{16} \cdot 4\text{H}_2\text{O}$	Rd	1910	Australia	Catalog of the Minerals of Tasmania, 3rd ed. Vail, Hobart (1910), 167	<i>American Mineralogist</i> <b>96</b> (2011), 179
Stilbite-Ca	$\text{NaCa}_4(\text{Si}_{27}\text{Al}_9)\text{O}_{72} \cdot 28\text{H}_2\text{O}$	A	1997 s.p.	Iceland / Germany / France / Norway	Traité de Minéralogie, Vol. 3. Louis, Paris (1801), 161	<i>Acta Crystallographica</i> <b>B27</b> (1971), 833
Stilbite-Na	$\text{Na}_9(\text{Si}_{27}\text{Al}_9)\text{O}_{72} \cdot 28\text{H}_2\text{O}$	A	1997 s.p.	Italy	<i>Bulletin de Minéralogie</i> <b>101</b> (1978), 368	<i>Zeolites</i> <b>7</b> (1987), 163
Stilleite	ZnSe	G	1956	Democratic Republic of the Congo	Geotektonisches Symposium zu Ehren von Hans Stille (1956), 481	<i>Acta Crystallographica</i> <b>A36</b> (1980), 482
Stillwaterite	$\text{Pd}_8\text{As}_3$	A	1974-029	USA	<i>Canadian Mineralogist</i> <b>13</b> (1975), 321	<i>Lithos</i> <b>19</b> (1986), 87
Stillwellite-(Ce)	$\text{CeBSiO}_5$	A	1987 s.p.	Australia	<i>Nature</i> <b>176</b> (1955), 509	<i>Canadian Mineralogist</i> <b>31</b> (1993), 147
Stilpnomelane	$(\text{K},\text{Ca},\text{Na})(\text{Fe},\text{Mg},\text{Al})_8(\text{Si},\text{Al})_{12}(\text{O},\text{OH})_{36} \cdot n\text{H}_2\text{O}$	A	1971 s.p.	Poland / Czech Republic	Beyträge zur Mineralogischen Kenntniss der Sudetenländer Insbesondere Schlesiens. Mar und Komp, Breslau (1827), 68	<i>American Mineralogist</i> <b>79</b> (1994), 438
Stishovite	$\text{SiO}_2$	A	1967 s.p.	USA	<i>Journal of Geophysical Research</i> <b>67</b> (1962), 419	<i>American Mineralogist</i> <b>75</b> (1990), 739
Stistaite	SnSb	A	1969-039	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>99</b> (1970), 68	<i>Inorganic Chemistry</i> <b>48</b> (2009), 5497
Stöfflerite	$\text{CaAl}_2\text{Si}_2\text{O}_8$	A	2017-062	Morocco (meteorite)	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Stoiberite	$\text{Cu}_5\text{O}_2(\text{VO}_4)_2$	A	1979-016	El Salvador	<i>American Mineralogist</i> <b>64</b> (1979), 941	<i>Acta Crystallographica</i> <b>B29</b> (1973), 1338
Stokesite	$\text{CaSnSi}_3\text{O}_9 \cdot 2\text{H}_2\text{O}$	G	1900	United Kingdom	<i>Mineralogical Magazine</i> <b>12</b> (1900), 274	<i>Canadian Mineralogist</i> <b>55</b> (2017), 63
Stolperite	AlCu	A	2016-033	Russia (meteorite)	<i>American Mineralogist</i> <b>102</b> (2017), 690	

Stolzite	Pb(WO <sub>4</sub> )	G	1845	Czech Republic / Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 499	<i>Mineralogical Magazine</i> <b>72</b> (2008), 987
Stoppaniite	Fe <sup>3+</sup> <sub>2</sub> Be <sub>3</sub> Si <sub>6</sub> O <sub>18</sub> ·H <sub>2</sub> O	A	1996-008	Italy	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 121	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 491
Stornesite-(Y)	Na <sub>6</sub> (Ca <sub>5</sub> Na <sub>3</sub> )YMg <sub>43</sub> (PO <sub>4</sub> ) <sub>36</sub>	A	2005-040	Antarctica	<i>American Mineralogist</i> <b>91</b> (2006), 1412	
Stottite	Fe <sup>2+</sup> Ge(OH) <sub>6</sub>	G	1958	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1958), 85	<i>American Mineralogist</i> <b>73</b> (1988), 657
Stracherite	BaCa <sub>6</sub> (SiO <sub>4</sub> ) <sub>2</sub> [(PO <sub>4</sub> )(CO <sub>3</sub> )] <sub>2</sub> F	A	2016-098	Israel	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Straczekite	(Ca,K,Ba)(V <sup>5+</sup> ,V <sup>4+</sup> ) <sub>8</sub> O <sub>20</sub> ·3H <sub>2</sub> O	A	1983-028	USA	<i>Mineralogical Magazine</i> <b>48</b> (1984), 289	<i>Zeitschrift für Kristallographie</i> <b>162</b> (1983), 263
Strakhovite	NaBa <sub>3</sub> (Mn <sup>2+</sup> ,Mn <sup>3+</sup> ) <sub>4</sub> [Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ][Si <sub>2</sub> O <sub>7</sub> ] <sub>2</sub> O <sub>2</sub> ·(F,OH)·H <sub>2</sub> O	A	1993-005	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>123(4)</b> (1994), 94	<i>Kristallografiya</i> <b>37</b> (1992), 345
Stranskiite	CuZn <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub>	A	1962 s.p.	Namibia	<i>Naturwissenschaften</i> <b>47</b> (1960), 376	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>26</b> (1979), 167
Strashimirite	Cu <sub>4</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·2.5H <sub>2</sub> O	A	1967-025	Bulgaria	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>97</b> (1968), 470	<i>Comptes Rendus de l'Académie Bulgare des Sciences</i> <b>54</b> (2001), 49
Strätlingite	Ca <sub>2</sub> Al(Si,Al) <sub>2</sub> O <sub>2</sub> (OH) <sub>10</sub> ·2.25H <sub>2</sub> O	A	1975-031	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1976), 326	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 841
Strelkinite	Na <sub>2</sub> (UO <sub>2</sub> ) <sub>2</sub> (VO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	A	1973-063	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 576	
Strengite	Fe <sup>3+</sup> (PO <sub>4</sub> )·2H <sub>2</sub> O	G	1877	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1877), 8	<i>Crystal Research and Technology</i> <b>39</b> (2004), 1080
Stringhamite	CaCu(SiO <sub>4</sub> )·H <sub>2</sub> O	A	1974-007	USA	<i>American Mineralogist</i> <b>61</b> (1976), 189	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>34</b> (1985), 15
Stromeyerite	CuAgS	G	1832	Czech Republic	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 410	<i>Acta Crystallographica</i> <b>B47</b> (1991), 891
Stronadelphite	Sr <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> F	A	2008-009	Russia	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 869	
Stronalsite	Na <sub>2</sub> SrAl <sub>4</sub> Si <sub>4</sub> O <sub>16</sub>	A	1983-016	Japan	<i>Mineralogical Journal</i> <b>13</b> (1986), 368	<i>Canadian Mineralogist</i> <b>44</b> (2006), 533
Strontianite	Sr(CO <sub>3</sub> )	G	1791	United Kingdom	<i>Bergmannisches Journal</i> <b>1</b> (1791), 433	<i>American Mineralogist</i> <b>97</b> (2012), 707
Strontiochevkinite	(Sr,Ce,La) <sub>4</sub> Fe <sup>2+</sup> (Ti,Zr) <sub>4</sub> O <sub>8</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub>	A	1983-009	Paraguay	<i>Contributions to Mineralogy and Petrology</i> <b>84</b> (1983), 365	
Strontiodresserite	SrAl <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·H <sub>2</sub> O	A	1977-005	Canada	<i>Canadian Mineralogist</i> <b>15</b> (1977), 405	<i>Powder Diffraction</i> <b>25</b> (2010), 322
Strontiofluorite	SrF <sub>2</sub>	A	2009-014	Russia	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1487	
Strontioginorite	CaSrB <sub>14</sub> O <sub>20</sub> (OH) <sub>6</sub> ·5H <sub>2</sub> O	G	1959	Germany	<i>Beiträge zur Mineralogie und Petrographie</i> <b>6</b> (1959), 366	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1019
Strontiohurlbutite	SrBe <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub>	A	2012-032	China	<i>American Mineralogist</i> <b>99</b> (2014), 494	
Strontiojoaquinite	(Na,Fe) <sub>2</sub> Ba <sub>2</sub> Sr <sub>2</sub> Ti <sub>2</sub> (SiO <sub>3</sub> ) <sub>8</sub> (O,OH) <sub>2</sub> ·H <sub>2</sub> O	Rd	1979-080	USA	<i>American Mineralogist</i> <b>67</b> (1982), 809	
Strontiomelane	Sr(Mn <sup>4+</sup> <sub>6</sub> Mn <sup>3+</sup> <sub>2</sub> )O <sub>16</sub>	A	1995-005	Italy	<i>Canadian Mineralogist</i> <b>37</b> (1999), 673	

Strontio-orthojoaquinite	$\text{NaSr}_4\text{Fe}^{3+}\text{Ti}_2\text{Si}_8\text{O}_{24}(\text{OH})_4$	Rd	1979-081a	Japan	<i>Mineralogical Journal</i> <b>7</b> (1974), 395	<i>Journal of the Faculty of Liberal Arts, Yamaguchi University (Natural Science)</i> <b>24</b> (1990), 23
Strontioperloffite	$\text{SrMn}^{2+}_2\text{Fe}^{3+}_2(\text{PO}_4)_3(\text{OH})_3$	A	2015-023	Australia	CNMNC Newsletter 26 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 941	
Strontiopharmacosiderite	$\text{Sr}_{0.5}\text{Fe}_4[(\text{AsO}_4)_3(\text{OH})_4]\cdot 4\text{H}_2\text{O}$	A	2013-101	Switzerland	CNMNC Newsletter 19 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 165	
Strontioruizite	$\text{Sr}_2\text{Mn}^{3+}_2\text{Si}_4\text{O}_{11}(\text{OH})_4\cdot 2\text{H}_2\text{O}$	A	2017-045	South Africa	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Strontiowhitlockite	$\text{Sr}_9\text{Mg}(\text{PO}_3\text{OH})(\text{PO}_4)_6$	A	1989-040	Russia	<i>Canadian Mineralogist</i> <b>29</b> (1991), 87	
Strunzite	$\text{Mn}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2\cdot 6\text{H}_2\text{O}$	G	1958	Germany	<i>Naturwissenschaften</i> <b>45</b> (1958), 37	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>25</b> (1978), 77
Struvite	$(\text{NH}_4)\text{Mg}(\text{PO}_4)\cdot 6\text{H}_2\text{O}$	G	1846	Germany	<i>Öfersigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> (1847), 32	<i>Acta Crystallographica</i> <b>B42</b> (1986), 253
Struvite-(K)	$\text{KMg}(\text{PO}_4)\cdot 6\text{H}_2\text{O}$	A	2003-048	Switzerland / Austria	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 629	
Studenitsite	$\text{NaCa}_2\text{B}_9\text{O}_{14}(\text{OH})_4\cdot 2\text{H}_2\text{O}$	A	1994-026	Serbia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(3)</b> (1995), 57	<i>Crystallography Reports</i> <b>38</b> (1993), 749
Studtite	$(\text{UO}_2)(\text{O}_2)(\text{H}_2\text{O})_2\cdot 2\text{H}_2\text{O}$	G	1947	Democratic Republic of the Congo	<i>Bulletin de la Société Belge de Géologie</i> <b>70</b> (1947), B212	<i>American Mineralogist</i> <b>88</b> (2003), 1165
Stumpflite	PtSb	A	1972-013	South Africa	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>95</b> (1972), 610	<i>Zeitschrift für Physikalische Chemie, Abteilung B</i> <b>4</b> (1929), 277
Sturmanite	$\text{Ca}_6\text{Fe}^{3+}_2(\text{SO}_4)_{2.5}[\text{B}(\text{OH})_4](\text{OH})_{12}\cdot 25\text{H}_2\text{O}$	A	1981-011	South Africa	<i>Canadian Mineralogist</i> <b>21</b> (1983), 705	<i>Canadian Mineralogist</i> <b>42</b> (2004), 723
Stütztite	$\text{Ag}_{5-x}\text{Te}_3$ ( $x = 0.24-0.36$ )	Rd	1964 s.p.	Romania	<i>American Mineralogist</i> <b>36</b> (1951), 458	<i>Soviet Physics - Crystallography</i> <b>11</b> (1966), 182
Suanite	$\text{Mg}_2\text{B}_2\text{O}_5$	A	1967 s.p.	North Korea	<i>Mineralogical Journal</i> <b>1</b> (1953), 54	<i>Acta Crystallographica</i> <b>C51</b> (1995), 2469
Sudburyite	PdSb	A	1973-048	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1974), 275	<i>Ti Ch'iu Hua Hseuh</i> (1979), 72
Sudoite	$\text{Mg}_2\text{Al}_3(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_8$	Rd	1966-027	Germany	<i>Naturwissenschaften</i> <b>49</b> (1962), 205	<i>American Mineralogist</i> <b>92</b> (2007), 1586
Sudovikovite	PtSe <sub>2</sub>	A	1995-009	Russia	<i>Doklady Akademii Nauk</i> <b>354</b> (1997), 486	
Suessite	$\text{Fe}_3\text{Si}$	A	1979-056	Australia	<i>Meteoritics</i> <b>15</b> (1980), 312	<i>American Mineralogist</i> <b>67</b> (1982), 126
Sugakiite	$\text{Cu}(\text{Fe},\text{Ni})_8\text{S}_8$	A	2005-033	Japan	<i>Canadian Mineralogist</i> <b>46</b> (2008), 263	
Sugilite	$\text{KNa}_2\text{Fe}^{3+}_2(\text{Li}_3\text{Si}_{12})\text{O}_{30}$	A	1974-060	Japan	<i>Mineralogical Journal</i> <b>8</b> (1976), 110	<i>American Mineralogist</i> <b>73</b> (1988), 595
Suhailite	$(\text{NH}_4)\text{Fe}^{2+}_3(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2$	A	2007-040	Spain	<i>American Mineralogist</i> <b>94</b> (2009), 210	
Sulfhydrylbystrite	$\text{Na}_5\text{K}_2\text{Ca}[\text{Al}_6\text{Si}_6\text{O}_{24}](\text{S}_5)^{2-}(\text{SH})^-$	A	2015-010	Russia	<i>Mineralogical Magazine</i> <b>81</b> (2017), 383	
Sulfoborite	$\text{Mg}_3[\text{B}(\text{OH})_4]_2(\text{SO}_4)(\text{OH},\text{F})_2$	G	1893	Germany	<i>Sitzungsberichte der Akademie der Wissenschaften</i> (1893), 967	<i>American Mineralogist</i> <b>68</b> (1983), 255
Sulphohalite	$\text{Na}_6(\text{SO}_4)_2\text{ClF}$	G	1888	USA	<i>American Journal of Science</i> <b>136</b> (1888), 463	<i>Journal of Science of the Hiroshima University, Series A-II</i> <b>32</b> (1968), 10
Sulphotsumoite	$\text{Bi}_3\text{Te}_2\text{S}$	A	1980-084	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 316	

Sulphur	S	G	?	unknown	original paper?	<i>Acta Crystallographica</i> <b>C43</b> (1987), 2260
Sulphur-β	S	G	1912	Italy	<i>Atti dell'Accademia Gioenia di Scienze Naturali Ser. V</i> <b>5</b> (1912), 1	<i>Acta Crystallographica</i> <b>B62</b> (2006), 953
Sulvanite	Cu <sub>3</sub> VS <sub>4</sub>	G	1900	Australia	<i>Journal of the Chemical Society, Transactions</i> <b>77</b> (1900), 1094	<i>American Mineralogist</i> <b>51</b> (1966), 890
Sundiusite	Pb <sub>10</sub> (SO <sub>4</sub> )O <sub>8</sub> Cl <sub>2</sub>	A	1979-044	Sweden	<i>American Mineralogist</i> <b>65</b> (1980), 506	
Suolunite	Ca <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>2</sub> ·H <sub>2</sub> O	A	1968 s.p.	China	<i>Geological Review</i> <b>23</b> (1965), 7	<i>Kexue Tongbao</i> <b>44</b> (1999), 2125
Suredate	PbSnS <sub>3</sub>	A	1997-043	Argentina	<i>American Mineralogist</i> <b>85</b> (2000), 1066	
Surinamite	Mg <sub>3</sub> Al <sub>3</sub> O(Si <sub>3</sub> BeAlO <sub>15</sub> )	A	1974-053	Suriname	<i>American Mineralogist</i> <b>61</b> (1976), 193	<i>American Mineralogist</i> <b>87</b> (2002), 501
Surite	(Pb,Ca) <sub>3</sub> Al <sub>2</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>3</sub> ·0.3H <sub>2</sub> O	A	1977-037	Argentina	<i>American Mineralogist</i> <b>63</b> (1978), 1175	<i>American Mineralogist</i> <b>82</b> (1997), 416
Surkhobite	KBa <sub>3</sub> Ca <sub>2</sub> Na <sub>2</sub> Mn <sub>16</sub> Ti <sub>8</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>8</sub> O <sub>8</sub> (OH) <sub>4</sub> (F,O,OH) <sub>8</sub>	Rd	2002-037	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(2)</b> (2003), 60	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 289
Sursassite	Mn <sup>2+</sup> <sub>2</sub> Al <sub>3</sub> (SiO <sub>4</sub> )(Si <sub>2</sub> O <sub>7</sub> )(OH) <sub>3</sub>	G	1926	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>6</b> (1926), 376	<i>American Mineralogist</i> <b>94</b> (2009), 1440
Susannite	Pb <sub>4</sub> (SO <sub>4</sub> )(CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>2</sub>	G	1845	United Kingdom	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 499	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 493
Suseinargiuite	(Na <sub>0.5</sub> Bi <sub>0.5</sub> )(MoO <sub>4</sub> )	A	2014-089	Italy	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 695	
Sussexite	Mn <sup>2+</sup> BO <sub>2</sub> (OH)	G	1868	USA	<i>American Journal of Science</i> <b>46</b> (1868), 140	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>75</b> (1995), 123
Suzukiite	BaV <sup>4+</sup> Si <sub>2</sub> O <sub>7</sub>	A	1978-005	Japan	<i>Mineralogical Journal</i> <b>11</b> (1982), 15	
Svabite	Ca <sub>5</sub> (AsO <sub>4</sub> ) <sub>3</sub> F	G	1891	Sweden	<i>Geologiska Föreningen i Stockholm Förhandlingar</i> <b>13</b> (1891), 789	<i>American Mineralogist</i> <b>101</b> (2016), 1750
Svanbergite	SrAl <sub>3</sub> (SO <sub>4</sub> )(PO <sub>4</sub> )(OH) <sub>6</sub>	Rd	1987 s.p.	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>11</b> (1854), 156	<i>Mineralogical Journal</i> <b>8</b> (1977), 419
Sveinbergeite	Ca(Fe <sup>2+</sup> <sub>6</sub> Fe <sup>3+</sup> )Ti <sub>2</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> O <sub>2</sub> (OH) <sub>5</sub> (H <sub>2</sub> O) <sub>4</sub>	A	2010-027	Norway	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2687	
Sveite	KAl <sub>7</sub> (NO <sub>3</sub> ) <sub>4</sub> (OH) <sub>16</sub> Cl <sub>2</sub> ·8H <sub>2</sub> O	A	1980-005	Venezuela	<i>Transactions of the Geological Society of South Africa</i> <b>83</b> (1982), 239	
Švenekite	Ca[AsO <sub>2</sub> (OH) <sub>2</sub> ] <sub>2</sub>	A	1999-007	Czech Republic	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2711	
Sverigeite	NaBe <sub>2</sub> Mn <sup>2+</sup> <sub>2</sub> SnSi <sub>3</sub> O <sub>12</sub> (OH)	A	1983-066	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>106</b> (1984), 175	<i>American Mineralogist</i> <b>74</b> (1989), 1343
Svornostite	K <sub>2</sub> Mg[(UO <sub>2</sub> )(SO <sub>4</sub> ) <sub>2</sub> ] <sub>2</sub> ·8H <sub>2</sub> O	A	2014-078	Czech Republic	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	
Svyatoslavite	Ca(Al <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> )	A	1988-012	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(2)</b> (1989), 111	<i>Canadian Mineralogist</i> <b>50</b> (2012), 585
Svyazhinite	MgAl(SO <sub>4</sub> ) <sub>2</sub> F·14H <sub>2</sub> O	A	1983-045	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 347	
Swaknoite	(NH <sub>4</sub> ) <sub>2</sub> Ca(PO <sub>3</sub> OH) <sub>2</sub> ·H <sub>2</sub> O	A	1991-021	Namibia	<i>Bulletin of the South African Speleological Association</i> <b>32</b> (1991), 72	

Swamboite-(Nd)	$\text{Nd}_{0.333}[(\text{UO}_2)(\text{SiO}_3\text{OH})](\text{H}_2\text{O})_{-2.5}$	Rd	2017 s.p.	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>19</b> (1981), 553	
Swartzite	$\text{CaMg}(\text{UO}_2)(\text{CO}_3)_3 \cdot 12\text{H}_2\text{O}$	G	1951	USA	<i>American Mineralogist</i> <b>36</b> (1951), 1	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 481
Swedenborgite	$\text{NaBe}_4\text{Sb}^{5+}\text{O}_7$	G	1924	Sweden	<i>Zeitschrift für Kristallographie</i> <b>60</b> (1924), 262	<i>Canadian Mineralogist</i> <b>39</b> (2001), 153
Sweetite	$\text{Zn}(\text{OH})_2$	A	1983-011	United Kingdom	<i>Mineralogical Magazine</i> <b>48</b> (1984), 267	
Swinefordite	$\text{Ca}_{0.2}(\text{Li,Al,Mg,Fe})_3(\text{Si,Al})_4\text{O}_{10}(\text{OH,F})_2 \cdot n\text{H}_2\text{O}$	A	1973-054	USA	<i>American Mineralogist</i> <b>60</b> (1975), 540	
Switzerite	$\text{Mn}^{2+}_3(\text{PO}_4)_2 \cdot 7\text{H}_2\text{O}$	Rd	1966-042	USA	<i>American Mineralogist</i> <b>52</b> (1967), 1595	<i>American Mineralogist</i> <b>71</b> (1986), 1224
Sylvanite	$\text{AgAuTe}_4$	G	1835	Romania	Régne Minérale. Levraut, Paris (1835), 38	<i>American Mineralogist</i> <b>26</b> (1941), 457
Sylvite	KCl	G	1832	Italy	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 511	
Symesite	$\text{Pb}_{10}(\text{SO}_4)\text{O}_7\text{Cl}_4 \cdot \text{H}_2\text{O}$	A	1998-035	United Kingdom	<i>American Mineralogist</i> <b>85</b> (2000), 1526	<i>Acta Crystallographica</i> <b>A29</b> (1973), 514
Symplesite	$\text{Fe}^{2+}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	G	1837	Germany	<i>Journal für Praktische Chemie</i> <b>10</b> (1837), 501	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>138</b> (1980), 94
Synadelphite	$\text{Mn}^{2+}_9(\text{AsO}_4)_2(\text{AsO}_3)(\text{OH})_9 \cdot 2\text{H}_2\text{O}$	G	1884	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>7</b> (1884), 220	<i>American Mineralogist</i> <b>55</b> (1970), 2023
Synchysite-(Ce)	$\text{CaCe}(\text{CO}_3)_2\text{F}$	Rn	1982-030	Denmark (Greenland)	<i>Bulletin of the Geological Institution of the University of Upsala</i> <b>5</b> (1901), 81	<i>Canadian Mineralogist</i> <b>32</b> (1994), 865
Synchysite-(Nd)	$\text{CaNd}(\text{CO}_3)_2\text{F}$	Rn	1982-030a	Serbia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 201	
Synchysite-(Y)	$\text{CaY}(\text{CO}_3)_2\text{F}$	Rn	1982-030b	USA	<i>American Mineralogist</i> <b>45</b> (1960), 92	<i>Acta Petrologica et Mineralogica</i> <b>14</b> (1995), 336
Syngenite	$\text{K}_2\text{Ca}(\text{SO}_4)_2 \cdot \text{H}_2\text{O}$	G	1872	Ukraine	<i>Lotos - Zeitschrift für Naturwissenschaften</i> <b>22</b> (1872), 137	<i>Zeitschrift für Kristallographie</i> <b>124</b> (1967), 398
Szaibélyite	$\text{MgBO}_2(\text{OH})$	G	1862	Romania	<i>Sitzungsberichte der Mathematisch-Naturwissenschaftlichen Classe der Kaiserlichen Akademie der Wissenschaften</i> <b>44</b> (1862), 143	<i>Canadian Mineralogist</i> <b>46</b> (2008), 671
Szenicsite	$\text{Cu}_3(\text{MoO}_4)(\text{OH})_4$	A	1993-011	Chile	<i>Mineralogical Record</i> <b>28</b> (1997), 387	<i>Mineralogical Magazine</i> <b>62</b> (1998), 461
Szklaryite	$\square\text{Al}_6\text{BAS}^{3+}_3\text{O}_{15}$	A	2012-070	Poland	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2841	
Szmikite	$\text{Mn}(\text{SO}_4) \cdot \text{H}_2\text{O}$	G	1877	Romania	<i>Verhandlungen der Kaiserlich-Königlichen Geologischen Reichsanstalt</i> (1877), 115	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 296
Szomolnokite	$\text{Fe}(\text{SO}_4) \cdot \text{H}_2\text{O}$	G	1891	Slovakia	<i>Magyar Tudományos Akadémia Értesítője</i> <b>2</b> (1891), 96	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 296
Szymańskiite	$\text{Hg}_{16}\text{Ni}_6(\text{CO}_3)_{12}(\text{OH})_{12}(\text{H}_3\text{O})_8 \cdot 3\text{H}_2\text{O}$	A	1989-045	USA	<i>Canadian Mineralogist</i> <b>28</b> (1990), 703	<i>Canadian Mineralogist</i> <b>28</b> (1990), 709
Tacharanite	$\text{Ca}_{12}\text{Al}_2\text{Si}_{18}\text{O}_{33}(\text{OH})_{36}$	G	1961	United Kingdom	<i>Mineralogical Magazine</i> <b>32</b> (1961), 745	<i>Mineralogical Magazine</i> <b>40</b> (1975), 113
Tachyhydrite	$\text{CaMg}_2\text{Cl}_6 \cdot 12\text{H}_2\text{O}$	G	1856	Germany	<i>Annalen der Physik</i> <b>98</b> (1856), 261	<i>Acta Crystallographica</i> <b>B36</b> (1980), 2734
Tadzhikite-(Ce)	$\text{Ca}_4\text{Ce}_2\text{Ti}\square(\text{B}_4\text{Si}_4\text{O}_{22})(\text{OH})_2$	Rn	1969-042	Tajikistan	<i>Doklady Akademii Nauk SSSR</i> <b>195</b> (1970), 1190	<i>American Mineralogist</i> <b>87</b> (2002), 745
Taenite	(Ni,Fe)	G	1861	New Zealand ?	<i>Annalen der Physik und Chemie</i> <b>114</b> (1861), 250	<i>Nature</i> <b>273</b> (1978), 453
Taikanite	$\text{BaSr}_2\text{Mn}^{3+}_2\text{O}_2(\text{Si}_4\text{O}_{12})$	A	1984-051	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 635	<i>American Mineralogist</i> <b>78</b> (1993), 1088

Taimyrite-I	(Pd,Pt) <sub>9</sub> Cu <sub>3</sub> Sn <sub>4</sub>	A	1973-065	Russia	<i>Proceedings of the Central Research Institute of Geological Prospecting for Base and Precious Metals (TsNIGRI)</i> <b>122</b> (1976), 107	<i>Canadian Mineralogist</i> <b>38</b> (2000), 599
Tainiolite	KLiMg <sub>2</sub> Si <sub>4</sub> O <sub>10</sub> F <sub>2</sub>	G	1901	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 115	<i>Canadian Mineralogist</i> <b>45</b> (2007), 541
Takanawaite-(Y)	YTaO <sub>4</sub>	A	2011-099	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>108</b> (2013), 335	
Takanelite	(Mn <sup>2+</sup> ,Ca) <sub>2x</sub> (Mn <sup>4+</sup> ) <sub>1-x</sub> O <sub>2</sub> ·0.7H <sub>2</sub> O	A	1970-034	Japan	<i>Journal of the Japanese Association of Mineralogists, Petrologists, and Economic Geologists</i> <b>65</b> (1971), 1	<i>American Mineralogist</i> <b>76</b> (1991), 1426
Takedaite	Ca <sub>3</sub> B <sub>2</sub> O <sub>6</sub>	A	1993-049	Japan	<i>Mineralogical Magazine</i> <b>59</b> (1995), 549	<i>Acta Crystallographica</i> <b>B31</b> (1975), 1416
Takéuchiite	Mg <sub>2</sub> Mn <sup>3+</sup> O <sub>2</sub> (BO <sub>3</sub> )	A	1980-018	Sweden	<i>American Mineralogist</i> <b>65</b> (1980), 1130	<i>Zeitschrift für Kristallographie</i> <b>181</b> (1987), 135
Takovite	Ni <sub>6</sub> Al <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>16</sub> ·4H <sub>2</sub> O	A	1977 s.p.	Serbia	<i>Comptes Rendus des Séances de la Société Serbe de Géologie pour l'année 1955</i> (1957), 219	<i>American Mineralogist</i> <b>62</b> (1977), 458
Talc	Mg <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub>	G	?	unknown	De natura eorum quae effluunt ex terra. Nachdruck der Ausgabe, Basel (1546), 480	<i>Zeitschrift für Kristallographie</i> <b>156</b> (1981), 177
Talmessite	Ca <sub>2</sub> Mg(AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1985 s.p.	Iran	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>83</b> (1960), 118	<i>Bulletin de Minéralogie</i> <b>100</b> (1977), 230
Talnakhte	Cu <sub>9</sub> Fe <sub>8</sub> S <sub>16</sub>	A	1967-014	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>97</b> (1968), 63	<i>American Mineralogist</i> <b>57</b> (1972), 368
Tamaite	(Ca,K,Na) <sub>x</sub> Mn <sub>6</sub> (Si,Al) <sub>10</sub> O <sub>24</sub> (OH) <sub>4</sub> ·nH <sub>2</sub> O (x = 1-2; n = 7-11)	A	1999-011	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>95</b> (2000), 79	<i>American Mineralogist</i> <b>88</b> (2003), 1324
Tamarugite	NaAl(SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	G	1889	Chile	<i>Verhandlungen des Deutschen Wissenschaftlichen Vereines zu Santiago</i> <b>2</b> (1889), 49	<i>Acta Crystallographica</i> <b>E69</b> (2013), i63
Tamboite	Fe <sup>3+</sup> <sub>3</sub> (OH)(H <sub>2</sub> O) <sub>2</sub> (SO <sub>4</sub> )(Te <sup>4+</sup> O <sub>3</sub> ) <sub>3</sub> [Te <sup>4+</sup> O(OH) <sub>2</sub> ](H <sub>2</sub> O) <sub>3</sub>	A	2016-059	Chile	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Tancaite-(Ce)	FeCe(MoO <sub>4</sub> ) <sub>3</sub> ·3H <sub>2</sub> O	A	2009-097	Italy	20th General Meeting of IMA. Budapest, August 2010 (abstr.)	
Tancoite	HLiNa <sub>2</sub> [Al(PO <sub>4</sub> ) <sub>2</sub> (OH)]	A	1979-045	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 185	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>31</b> (1983), 121
Taneyamalite	(Na,Ca)Mn <sup>2+</sup> <sub>12</sub> (Si,Al) <sub>12</sub> (O,OH) <sub>44</sub>	A	1977-042	Japan	<i>Mineralogical Magazine</i> <b>44</b> (1981), 51	
Tangdanite	Ca <sub>2</sub> Cu <sub>9</sub> (AsO <sub>4</sub> ) <sub>4</sub> (SO <sub>4</sub> ) <sub>0.5</sub> (OH) <sub>9</sub> ·9H <sub>2</sub> O	A	2011-096	China	<i>Mineralogical Magazine</i> <b>78</b> (2014), 559	
Tangeite	CaCu(VO <sub>4</sub> )(OH)	Rn	1992 s.p.	Turkmenistan	<i>Doklady Akademii Nauk SSSR</i> (1926), 43	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 205
Taniajacoite	SrCaMn <sup>3+</sup> <sub>2</sub> Si <sub>4</sub> O <sub>11</sub> (OH) <sub>4</sub> ·2H <sub>2</sub> O	A	2014-107	South Africa	CNMNC Newsletter 25 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 529	
Tanohataite	LiMn <sub>2</sub> Si <sub>3</sub> O <sub>8</sub> (OH)	A	2007-019	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>107</b> (2012), 149	
Tantalaeschynite-(Y)	Y(Ta,Ti,Nb) <sub>2</sub> O <sub>6</sub>	Rn	1969-043	Brazil	<i>Mineralogical Magazine</i> <b>39</b> (1974), 571	

Tantalcarbide	TaC	G	?	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(1)</b> (1997), 76	<i>Metallwirtschaft, Metallwissenschaft, Metalltechnik</i> <b>12</b> (1933), 298
Tantalite-(Fe)	Fe <sup>2+</sup> Ta <sub>2</sub> O <sub>6</sub>	Rn	2007 s.p.	USA	<i>Records of General Science</i> <b>4</b> (1836), 407	
Tantalite-(Mg)	MgTa <sub>2</sub> O <sub>6</sub>	Rn	2002-018	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(2)</b> (2003), 49	
Tantalite-(Mn)	Mn <sup>2+</sup> Ta <sub>2</sub> O <sub>6</sub>	Rn	2007 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1877), 282	<i>Canadian Mineralogist</i> <b>14</b> (1976), 540
Tanteuxenite-(Y)	Y(Ta,Nb,Ti) <sub>2</sub> (O,OH) <sub>6</sub>	A	1987 s.p.	Australia	<i>Journal of the Royal Society of Western Australia</i> <b>14</b> (1928), 45	
Tantite	Ta <sub>2</sub> O <sub>5</sub>	A	1982-066	Russia	<i>Mineralogicheskii Zhurnal</i> <b>5</b> (1983), 90	<i>Journal of Solid State Chemistry</i> <b>3</b> (1971), 145
Tapiaite	Ca <sub>5</sub> Al <sub>2</sub> (AsO <sub>4</sub> ) <sub>4</sub> (OH) <sub>4</sub> ·12H <sub>2</sub> O	A	2014-024	Chile	<i>Mineralogical Magazine</i> <b>79</b> (2015), 345	
Tapiolite-(Fe)	Fe <sup>2+</sup> Ta <sub>2</sub> O <sub>6</sub>	Rn	2007 s.p.	Finland	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>20</b> (1863), 443	<i>Mineralogical Magazine</i> <b>70</b> (2006), 319
Tapiolite-(Mn)	Mn <sup>2+</sup> Ta <sub>2</sub> O <sub>6</sub>	Rn	1983-005	Finland	<i>Bulletin of the Geological Society of Finland</i> <b>55</b> (1983), 101	<i>Canadian Mineralogist</i> <b>34</b> (1996), 631
Taramellite	Ba <sub>4</sub> (Fe <sup>3+</sup> ,Ti) <sub>4</sub> O <sub>2</sub> [B <sub>2</sub> Si <sub>8</sub> O <sub>27</sub> ]Cl <sub>x</sub>	G	1908	Italy	<i>Rendiconti della Reale Accademia dei Lincei, Serie V</i> <b>18</b> (1908), 810	<i>American Mineralogist</i> <b>65</b> (1980), 123
Taramite	Na(NaCa)(Mg <sub>3</sub> Al <sub>2</sub> )(Si <sub>6</sub> Al <sub>2</sub> )O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	Norway	<i>American Mineralogist</i> <b>92</b> (2007), 1428	
Taranakite	K <sub>3</sub> Al <sub>5</sub> (PO <sub>3</sub> OH) <sub>6</sub> (PO <sub>4</sub> ) <sub>2</sub> ·18H <sub>2</sub> O	G	1865	New Zealand	Reports of the Jurors, New Zealand Expedition (1865), 423	<i>Inorganica Chimica Acta</i> <b>269</b> (1998), 47
Tarapacáite	K <sub>2</sub> (CrO <sub>4</sub> )	G	1878	Chile	Mineraux du Perou. Chaix, Paris (1878), 274	<i>Acta Crystallographica</i> <b>B28</b> (1972), 2845
Tarbagataite	(K□)Ca(Fe <sup>2+</sup> ,Mn) <sub>7</sub> Ti <sub>2</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> O <sub>2</sub> (OH) <sub>5</sub>	A	2010-048	Kazakhstan	<i>Canadian Mineralogist</i> <b>50</b> (2012), 159	
Tarbuttite	Zn <sub>2</sub> (PO <sub>4</sub> )(OH)	G	1907	Zambia	<i>Nature</i> <b>76</b> (1907), 215	<i>Zeitschrift für Kristallographie</i> <b>123</b> (1966), 321
Tarkianite	(Cu,Fe)(Re,Mo) <sub>4</sub> S <sub>8</sub>	A	2003-004	Finland	<i>Canadian Mineralogist</i> <b>42</b> (2004), 539	<i>European Journal of Mineralogy</i> <b>3</b> (1991), 977
Taseqite	Na <sub>12</sub> Sr <sub>3</sub> Ca <sub>6</sub> Fe <sub>3</sub> Zr <sub>3</sub> NbSi <sub>25</sub> O <sub>73</sub> (O,OH,H <sub>2</sub> O) <sub>3</sub> Cl <sub>2</sub>	A	2002-055	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2004), 83	
Tashelgite	CaMgFe <sup>2+</sup> Al <sub>9</sub> O <sub>16</sub> (OH)	A	2010-017	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140(1)</b> (2011), 49	<i>Doklady Chemistry</i> <b>434</b> (2010), 233
Tassieite	NaCa <sub>2</sub> Mg <sub>3</sub> Fe <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> (PO <sub>4</sub> ) <sub>6</sub> ·2H <sub>2</sub> O	A	2005-051	Antarctica	<i>Canadian Mineralogist</i> <b>45</b> (2007), 293	
Tatarinovite	Ca <sub>3</sub> Al(SO <sub>4</sub> )[B(OH) <sub>4</sub> ](OH) <sub>6</sub> ·12H <sub>2</sub> O	A	2015-055	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>145(1)</b> (2016), 48	
Tatarskite	Ca <sub>6</sub> Mg <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>4</sub> Cl <sub>4</sub> ·7H <sub>2</sub> O	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 697	
Tatyanaitite	(Pt,Pd) <sub>9</sub> Cu <sub>3</sub> Sn <sub>4</sub>	A	1995-049	Russia	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 391	<i>Canadian Mineralogist</i> <b>38</b> (2000), 599
Tausonite	SrTiO <sub>3</sub>	A	1982-077	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 86	<i>American Mineralogist</i> <b>87</b> (2002), 1183

Tavagnascoite	$\text{Bi}_4\text{O}_4(\text{SO}_4)(\text{OH})_2$	A	2014-099	Italy	<i>Mineralogical Magazine</i> <b>80</b> (2016), 647	
Tavorite	$\text{LiFe}^{3+}(\text{PO}_4)(\text{OH})$	G	1955	Brazil	<i>American Mineralogist</i> <b>40</b> (1955), 952	<i>Geochemistry International</i> <b>35</b> (1997), 630
Tazheranite	$(\text{Zr}, \text{Ti}, \text{Ca})(\text{O}, \square)_2$	A	1969-008	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>186</b> (1969), 917	<i>Zeitschrift für Kristallographie</i> <b>214</b> (1999), 373
Tazieffite	$\text{Pb}_{20}\text{Cd}_2(\text{As}, \text{Bi})_{22}\text{S}_{50}\text{Cl}_{10}$	A	2008-012	Russia	<i>American Mineralogist</i> <b>94</b> (2009), 1312	
Tazzoliite	$\text{Ba}_2\text{CaSr}_{0.5}\text{Na}_{0.5}\text{Ti}_2\text{Nb}_3\text{SiO}_{17}[\text{PO}_2(\text{OH})_2]_{0.5}$	A	2011-018	Italy	<i>Mineralogical Magazine</i> <b>76</b> (2012), 827	
Teallite	$\text{PbSnS}_2$	G	1904	Bolivia	<i>Mineralogical Magazine</i> <b>14</b> (1904), 21	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>177</b> (2002), 163
Tedhadleyite	$\text{Hg}^{2+}\text{Hg}^{1+}_{10}\text{O}_{412}(\text{Cl}, \text{Br})_2$	A	2001-035	USA	<i>Canadian Mineralogist</i> <b>40</b> (2002), 909	<i>Mineralogical Magazine</i> <b>73</b> (2009), 227
Teepleite	$\text{Na}_2\text{B}(\text{OH})_4\text{Cl}$	G	1939	USA	<i>American Mineralogist</i> <b>24</b> (1939), 48	<i>Acta Crystallographica</i> <b>B38</b> (1982), 82
Tegengrenite	$\text{Mg}_2(\text{Sb}, \text{Mn})\text{O}_4$	A	1999-002	Sweden	<i>American Mineralogist</i> <b>85</b> (2000), 1315	<i>Mineralogical Magazine</i> <b>79</b> (2015), 425
Teineite	$\text{Cu}^{2+}(\text{Te}^{4+}\text{O}_3) \cdot 2\text{H}_2\text{O}$	G	1939	Japan	<i>Journal of the Faculty of Science, Hokkaido University, Series 4: Geology and Mineralogy</i> <b>4</b> (1939), 465	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>24</b> (1977), 287
Telargpalite	$(\text{Pd}, \text{Ag})_3\text{Te}$	A	1972-030	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 595	
Tellurantimony	$\text{Sb}_2\text{Te}_3$	A	1972-002	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 55	<i>Acta Crystallographica</i> <b>B30</b> (1974), 1307
Tellurite	$\text{TeO}_2$	G	1845	Romania	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 499	<i>Zeitschrift für Kristallographie</i> <b>124</b> (1967), 228
Tellurium	Te	G	1802	Romania	Beiträge zur Chemischen Kenntniss der Mineralkörper, Vol. 3. Rottmann, Berlin (1802), 2	<i>Philosophical Magazine</i> <b>48</b> (1924), 477
Tellurobismuthite	$\text{Bi}_2\text{Te}_3$	G	1863	USA	<i>American Journal of Science and Arts</i> <b>85</b> (1863), 99	<i>Canadian Mineralogist</i> <b>45</b> (2007), 665
Tellurohauchecornite	$\text{Ni}_9\text{BiTeS}_8$	A	1978 s.p.	Canada	<i>Mineralogical Magazine</i> <b>43</b> (1980), 877	
Telluromandarinoite	$\text{Fe}^{3+}_2(\text{Te}^{4+}\text{O}_3)_3 \cdot 6\text{H}_2\text{O}$	A	2011-013	Chile	<i>Canadian Mineralogist</i> <b>55</b> (2017), 21	
Telluronevskite	$\text{Bi}_3\text{TeSe}_2$	A	1993-027a	Slovakia	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 177	
Telluropalladinite	$\text{Pd}_9\text{Te}_4$	A	1978-078	USA	<i>Canadian Mineralogist</i> <b>17</b> (1979), 589	<i>Journal of the Less-Common Metals</i> <b>58</b> (1978), P39
Telluroperite	$\text{Pb}(\text{Te}_{0.5}\text{Pb}_{0.5})\text{O}_2\text{Cl}$	A	2009-044	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1569	
Telyushenkoite	$\text{CsNa}_6\text{Be}_2\text{Al}_3\text{Si}_{15}\text{O}_{39}\text{F}_2$	A	2001-012	Tajikistan	<i>New Data on Minerals</i> <b>38</b> (2003), 5	<i>Canadian Mineralogist</i> <b>40</b> (2002), 183
Temagamite	$\text{Pd}_3\text{HgTe}_3$	A	1973-018	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 193	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 825
Tengchongite	$\text{Ca}(\text{UO}_2)_6(\text{MoO}_4)_2\text{O}_5 \cdot 12\text{H}_2\text{O}$	A	1984-031	China	<i>Kexue Tongbao</i> <b>31</b> (1986), 396	
Tengerite-(Y)	$\text{Y}_2(\text{CO}_3)_3 \cdot 2 \cdot 3\text{H}_2\text{O}$	Rd	1993 s.p.	Sweden	A System of Mineralogy, 5th ed. Wiley, New York (1868), 747	<i>American Mineralogist</i> <b>78</b> (1993), 425
Tennantite	$\text{Cu}_6[\text{Cu}_4(\text{Fe}, \text{Zn})_2]\text{As}_4\text{S}_{13}$	G	1819	United Kingdom	<i>Quarterly Journal of Literature, Science and the Arts</i> <b>7</b> (1819), 95	<i>Canadian Mineralogist</i> <b>43</b> (2005), 679
Tenorite	$\text{CuO}$	A	1962 s.p.	Italy	<i>Bulletin de la Société Géologique de France</i> <b>13</b> (1842), 206	<i>Journal of Solid State Chemistry</i> <b>122</b> (1996), 273
Tephroite	$\text{Mn}^{2+}_2(\text{SiO}_4)$	G	1823	USA	Vollständige Charakteristik des Mineral-Systems. Arnoldische, Dresden (1823), 278	<i>American Mineralogist</i> <b>65</b> (1980), 1263



Terlinguacreekite	$\text{Hg}^{2+}_3\text{O}_2\text{Cl}_2$	A	2004-018	USA	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1055	
Terlinguaite	$\text{Hg}_2\text{OCl}$	G	1900	USA	<i>Economic Geology</i> <b>1</b> (1900), 265	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>575</b> (1989), 145
Ternesite	$\text{Ca}_5(\text{SiO}_4)_2(\text{SO}_4)$	A	1995-015	Germany	<i>Mineralogy and Petrology</i> <b>60</b> (1997), 121	
Ternovite	$\text{MgNb}_4\text{O}_{11} \cdot 8\text{-}12\text{H}_2\text{O}$	A	1992-044	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1997), 49	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(3)</b> (1997), 98
Terranovaite	$\text{NaCaAl}_3\text{Si}_{17}\text{O}_{40} \cdot \approx 8\text{H}_2\text{O}$	A	1995-026	Antarctica	<i>American Mineralogist</i> <b>82</b> (1997), 423	
Terrywallaceite	$\text{AgPb}(\text{Sb,Bi})_3\text{S}_6$	A	2011-017	Peru	<i>American Mineralogist</i> <b>98</b> (2013), 1310	
Terskite	$\text{Na}_4\text{ZrSi}_6\text{O}_{16} \cdot 2\text{H}_2\text{O}$	A	1982-039	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 226	<i>Doklady Akademii Nauk SSSR</i> <b>316</b> (1991), 645
Tertschite	$\text{Ca}_4\text{B}_{10}\text{O}_{19} \cdot 20\text{H}_2\text{O}$	Q	1953	Turkey	<i>Fortschritte der Mineralogie</i> <b>31</b> (1953), 39	
Teruggite	$\text{Ca}_4\text{Mg}[\text{AsB}_6\text{O}_{11}(\text{OH})_6]_2 \cdot 14\text{H}_2\text{O}$	A	1968-007	Argentina	<i>American Mineralogist</i> <b>53</b> (1968), 1815	<i>American Mineralogist</i> <b>58</b> (1973), 1034
Teschmacherite	$(\text{NH}_4)\text{H}(\text{CO}_3)$	G	1868	South Africa	A System of Mineralogy, 5th ed. Wiley, New York (1868), 705	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>29</b> (1981), 67
Tetra-auricupride	$\text{CuAu}$	A	1982-005	China	<i>Scientia Geologica Sinica</i> (1982), 111	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Tetradymite	$\text{Bi}_2\text{Te}_2\text{S}$	G	1831	Slovakia	<i>Zeitschrift für Physik und Mathematik</i> <b>9</b> (1831), 129	<i>American Mineralogist</i> <b>60</b> (1975), 994
Tetraferriannite	$\text{KFe}^{2+}_3(\text{Si}_3\text{Fe}^{3+})\text{O}_{10}(\text{OH})_2$	Rn	1998 s.p.	Australia	<i>American Journal of Science</i> <b>261</b> (1963), 581	<i>American Mineralogist</i> <b>84</b> (1999), 325
Tetraferriphlogopite	$\text{KMg}_3(\text{Si}_3\text{Fe}^{3+})\text{O}_{10}(\text{OH})_2$	Rn	1998 s.p.	Russia	<i>Soviet Physics - Crystallography</i> <b>22</b> (1977), 680	<i>Clays and Clay Minerals</i> <b>44</b> (1996), 540
Tetraferroplatinum	$\text{PtFe}$	A	1974-012b	South Africa	<i>Canadian Mineralogist</i> <b>13</b> (1975), 117	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Tetrahedrite	$\text{Cu}_6[\text{Cu}_4(\text{Fe,Zn})_2]\text{Sb}_4\text{S}_{13}$	A	1962 s.p.	unknown	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 563	<i>American Mineralogist</i> <b>70</b> (1985), 165
Tetraroseveltite	$\text{Bi}(\text{AsO}_4)$	A	1993-006	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 179	<i>Acta Crystallographica</i> <b>1</b> (1948), 163
Tetrataenite	$\text{FeNi}$	A	1979-076	USA (meteorite)	<i>American Mineralogist</i> <b>65</b> (1980), 624	<i>Zeitschrift für Kristallographie</i> <b>210</b> (1995), 14
Tetrawickmanite	$\text{Mn}^{2+}\text{Sn}^{4+}(\text{OH})_6$	A	1971-018	USA	<i>Mineralogical Record</i> <b>4</b> (1973), 24	
Tewite	$\text{K}_2(\text{Te}_{1.5}\square_{0.5})_2\text{W}_5\text{O}_{19}$	A	2014-053	China	CNMNC Newsletter 22 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 1241	
Thadeuite	$\text{CaMg}_3(\text{PO}_4)_2(\text{OH,F})_2$	A	1978-001	Portugal	<i>American Mineralogist</i> <b>64</b> (1979), 359	<i>American Mineralogist</i> <b>67</b> (1982), 120
Thalciusite	$(\text{Cu,Fe})_4\text{Ti}_2\text{S}_4$	A	1975-023	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 202	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>138</b> (1980), 122
Thalénite-(Y)	$\text{Y}_3\text{Si}_3\text{O}_{10}\text{F}$	Rd	2014 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>20</b> (1898), 308	<i>Mineralogical Magazine</i> <b>79</b> (2015), 965
Thalfenisite	$\text{Ti}_6(\text{Fe,Ni})_{25}\text{S}_{26}\text{Cl}$	A	1979-018	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>108</b> (1979), 696	
Thalliumpharmacosiderite	$\text{TlFe}_4[(\text{AsO}_4)_3(\text{OH})_4] \cdot 4\text{H}_2\text{O}$	A	2013-124	Macedonia	CNMNC Newsletter 20 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 549	

Thaumasite	$\text{Ca}_3\text{Si}(\text{OH})_6(\text{CO}_3)(\text{SO}_4)\cdot 12\text{H}_2\text{O}$	G	1878	Sweden	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>87</b> (1878), 313	<i>American Mineralogist</i> <b>97</b> (2012), 1060
Theisite	$\text{Cu}_5\text{Zn}_5(\text{AsO}_4)_2(\text{OH})_{14}$	A	1980-040	USA	<i>Mineralogical Magazine</i> <b>46</b> (1982), 49	
Thénardite	$\text{Na}_2(\text{SO}_4)$	Rn	2014 s.p.	Spain	<i>Annals of Philosophy</i> <b>12</b> (1826), 312	<i>Canadian Mineralogist</i> <b>13</b> (1975), 181
Theoparacelsite	$\text{Cu}_3(\text{OH})_2\text{As}_2\text{O}_7$	A	1998-012	France	<i>Archives de Sciences de Genève</i> <b>54</b> (2001), 7	
Theophrastite	$\text{Ni}(\text{OH})_2$	A	1980-059	Greece	<i>American Mineralogist</i> <b>66</b> (1981), 1020	
Therasiaite	$(\text{NH}_4)_3\text{KNa}_2\text{Fe}^{2+}\text{Fe}^{3+}(\text{SO}_4)_3\text{Cl}_5$	A	2013-050	Italy	<i>Mineralogical Magazine</i> <b>78</b> (2014), 203	
Thérèsemagnanite	$\text{NaCo}_4(\text{SO}_4)(\text{OH})_6\text{Cl}\cdot 6\text{H}_2\text{O}$	Rd	1991-026	France	<i>Archives de Sciences de Genève</i> <b>46</b> (1993), 37	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223
Thermessaite	$\text{K}_2\text{AlF}_3(\text{SO}_4)$	A	2007-030	Italy	<i>Canadian Mineralogist</i> <b>46</b> (2008), 693	
Thermessaite-(NH <sub>4</sub> )	$(\text{NH}_4)_2\text{AlF}_3(\text{SO}_4)$	A	2011-077	Italy	CNMNC Newsletter 12 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 151	
Thermonatrite	$\text{Na}_2(\text{CO}_3)\cdot \text{H}_2\text{O}$	G	1845	Russia	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845)	<i>Acta Crystallographica</i> <b>B31</b> (1975), 890
Thomasclarkite-(Y)	$\text{NaY}(\text{HCO}_3)(\text{OH})_3\cdot 4\text{H}_2\text{O}$	A	1997-047	Canada	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1293	
Thometzekite	$\text{PbCu}^{2+}_2(\text{AsO}_4)_2\cdot 2\text{H}_2\text{O}$	A	1982-103	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 446	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 179
Thomsenolite	$\text{NaCaAlF}_6\cdot \text{H}_2\text{O}$	G	1868	Denmark (Greenland)	A System of Mineralogy, 5th ed. Wiley, New York (1868), 129	<i>Canadian Journal of Chemistry</i> <b>63</b> (1985), 3322
Thomsonite-Ca	$\text{NaCa}_2(\text{Al}_5\text{Si}_5)\text{O}_{20}\cdot 6\text{H}_2\text{O}$	Rn	1997 s.p.	United Kingdom	<i>Annals of Philosophy</i> <b>16</b> (1820), 193	<i>Acta Crystallographica</i> <b>C46</b> (1990), 1370
Thomsonite-Sr	$\text{NaSr}_2(\text{Al}_5\text{Si}_5)\text{O}_{20}\cdot 6\cdot 7\text{H}_2\text{O}$	A	2000-025	Japan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(4)</b> (2001), 46	<i>Doklady Earth Sciences</i> <b>376</b> (2001), 101
Thorbastnäsite	$\text{ThCa}(\text{CO}_3)_2\text{F}_2\cdot 3\text{H}_2\text{O}$	A	1968 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>94</b> (1965), 105	
Thoreaulite	$\text{Sn}^{2+}\text{Ta}_2\text{O}_6$	G	1933	Democratic Republic of the Congo	<i>Bulletin de la Société Géologique de Belgique</i> <b>56</b> (1933), 327	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 501
Thorianite	$\text{ThO}_2$	G	1904	Sri Lanka	<i>Nature</i> <b>69</b> (1904), 510	
Thorikosite	$\text{Pb}_3\text{O}_3\text{Sb}^{3+}(\text{OH})\text{Cl}_2$	A	1984-013	Greece	<i>American Mineralogist</i> <b>70</b> (1985), 845	<i>Journal of Solid State Chemistry</i> <b>57</b> (1985), 389
Thorite	$\text{Th}(\text{SiO}_4)$	G	1829	Norway	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> (1829), 1	<i>Acta Crystallographica</i> <b>B34</b> (1978), 1074
Thornasite	$\text{Na}_{12}\text{Th}_3(\text{Si}_8\text{O}_{19})_4\cdot 18\text{H}_2\text{O}$	A	1985-050	Canada	<i>Canadian Mineralogist</i> <b>25</b> (1987), 181	<i>American Mineralogist</i> <b>85</b> (2000), 1521
Thorneite	$\text{Pb}_6(\text{Te}_2\text{O}_{10})(\text{CO}_3)\text{Cl}_2(\text{H}_2\text{O})$	A	2009-023	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1548	
Thorosteenstrupine	$(\text{Ca}, \text{Th}, \text{Mn})_3\text{Si}_4\text{O}_{11}\text{F}\cdot 6\text{H}_2\text{O}$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 325	
Thortveitite	$\text{Sc}_2\text{Si}_2\text{O}_7$	G	1911	Norway	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1911), 721	<i>American Mineralogist</i> <b>73</b> (1988), 601
Thorutite	$(\text{Th}, \text{U}, \text{Ca})\text{Ti}_2(\text{O}, \text{OH})_6$	G	1958	Kyrgyzstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>87</b> (1958), 201	<i>Physics and Chemistry of Minerals</i> <b>26</b> (1999), 396

Threadgoldite	$\text{Al}(\text{UO}_2)_2(\text{PO}_4)_2(\text{OH}) \cdot 8\text{H}_2\text{O}$	A	1978-066	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>102</b> (1979), 338	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>30</b> (1982), 111
Tiberiobardiite	$\{\text{Cu}_9\text{Al}[\text{SiO}_3(\text{OH})]_2(\text{OH})_{12}(\text{H}_2\text{O})_6\}(\text{SO}_4)_{1.5} \cdot 10\text{H}_2\text{O}$	A	2016-096	Italy	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Tiemannite	HgSe	G	1855	Germany	<i>Elemente der Mineralogie</i> . Engelmann, Leipzig (1855), 425	<i>American Mineralogist</i> <b>35</b> (1950), 337
Tienshanite	$\text{K}(\text{Na}, \text{K}, \square)_9\text{Ca}_2\text{Ba}_6\text{Mn}^{2+}_6\text{Ti}_6\text{B}_{12}\text{Si}_{36}\text{O}_{114}(\text{O}, \text{OH}, \text{F})_{11}$	A	1967-028	Tajikistan	<i>Doklady Akademii Nauk SSSR</i> <b>177</b> (1967), 678	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1305
Tiettaite	$\text{Na}_{17}\text{Fe}^{3+}\text{TiSi}_{16}\text{O}_{29}(\text{OH})_{30} \cdot 2\text{H}_2\text{O}$	A	1991-013	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(1)</b> (1993), 121	
Tikhonkovite	$\text{SrAlF}_4(\text{OH}) \cdot \text{H}_2\text{O}$	A	1967 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>156</b> (1964), 345	<i>Journal of Structural Chemistry</i> <b>14</b> (1973), 445
Tilasite	$\text{CaMg}(\text{AsO}_4)\text{F}$	G	1895	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>17</b> (1895), 291	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 289
Tilleyite	$\text{Ca}_5\text{Si}_2\text{O}_7(\text{CO}_3)_2$	G	1933	USA	<i>American Mineralogist</i> <b>18</b> (1933), 469	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1489
Tillmannsite	$\text{HgAg}_3(\text{VO}_4)$	A	2001-010	France	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 177	
Timroseite	$\text{Pb}_2\text{Cu}_5(\text{TeO}_6)_2(\text{OH})_2$	A	2009-064	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1560	
Tin	Sn	G	?	unknown	original paper?	<i>Journal of Applied Physics</i> <b>20</b> (1949), 726
Tinaksite	$\text{K}_2\text{NaCa}_2\text{TiSi}_7\text{O}_{18}(\text{OH})\text{O}$	A	1968 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>162</b> (1965), 658	<i>Mineralogical Magazine</i> <b>81</b> (2017), 251
Tincalconite	$\text{Na}_2\text{B}_4\text{O}_5(\text{OH})_4 \cdot 3\text{H}_2\text{O}$	G	1878	USA	<i>Bulletin de la Société Minéralogique de France</i> <b>1</b> (1878), 144	<i>American Mineralogist</i> <b>87</b> (2002), 350
Tinnunculite	$\text{C}_5\text{H}_4\text{N}_4\text{O}_3 \cdot 2\text{H}_2\text{O}$	A	2015-021a	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>145(4)</b> (2016), 20	
Tinsleyite	$\text{KAl}_2(\text{PO}_4)_2(\text{OH}) \cdot 2\text{H}_2\text{O}$	A	1983-004	USA	<i>American Mineralogist</i> <b>69</b> (1984), 374	<i>Zeitschrift für Naturforschung B: Chemical Science</i> <b>54</b> (1999), 1385
Tintcicite	$\text{Fe}^{3+}_3(\text{PO}_4)_2(\text{OH})_3 \cdot 3\text{H}_2\text{O}$	G	1946	USA	<i>American Mineralogist</i> <b>31</b> (1946), 395	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 71
Tintinaite	$\text{Pb}_{10}\text{Cu}_2\text{Sb}_{16}\text{S}_{35}$	A	1967-010	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1968), 371	<i>Canadian Mineralogist</i> <b>22</b> (1984), 219
Tinzenite	$\text{Ca}_2\text{Mn}^{2+}_4\text{Al}_4[\text{B}_2\text{Si}_8\text{O}_{30}](\text{OH})_2$	Rd	2016 s.p.	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>3</b> (1923), 227	<i>Crystallography Reports</i> <b>46</b> (2001), 30
Tiptopite	$\text{K}_2(\text{Li}, \text{Na}, \text{Ca})_6(\text{Be}_6\text{P}_6)\text{O}_{24}(\text{OH})_2 \cdot 1.3\text{H}_2\text{O}$	A	1983-007	USA	<i>Canadian Mineralogist</i> <b>23</b> (1985), 43	<i>American Mineralogist</i> <b>72</b> (1987), 816
Tiragalloite	$\text{Mn}^{2+}_4\text{As}^{5+}_5\text{Si}_3\text{O}_{12}(\text{OH})$	A	1979-061	Italy	<i>American Mineralogist</i> <b>65</b> (1980), 947	<i>Acta Crystallographica</i> <b>B35</b> (1979), 2287
Tischendorfite	$\text{Pd}_8\text{Hg}_3\text{Se}_9$	A	2001-061	Germany	<i>Canadian Mineralogist</i> <b>40</b> (2002), 739	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 157
Tisinalite	$\text{Na}_3\text{Mn}^{2+}\text{TiSi}_6\text{O}_{15}(\text{OH})_3$	A	1979-052	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 223	<i>Crystallography Reports</i> <b>48</b> (2003), 551
Tissintite	$(\text{Ca}, \text{Na}, \square)\text{AlSi}_2\text{O}_6$	A	2013-027	Morocco (meteorite)	<i>Earth and Planetary Science Letters</i> <b>422</b> (2015), 194	
Tistarite	$\text{Ti}_2\text{O}_3$	A	2008-016	Mexico (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 841	

Titanite	CaTi(SiO <sub>4</sub> )O	A	1967 s.p.	Germany	Beiträge zur Chemischen Kenntniss der Mineralkörper, Vol. 1. Decker, Berlin (1795), 245	<i>American Mineralogist</i> <b>85</b> (2000), 1465
Titanium	Ti	A	2010-044	China	<i>Acta Geologica Sinica</i> <b>87</b> (2013), 1275	
Titanoholtite	(Ti <sub>0.75</sub> □ <sub>0.25</sub> )Al <sub>6</sub> BSi <sub>3</sub> O <sub>18</sub>	A	2012-069	Poland	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2841	
Titanomagemite	Fe(Fe,Ti) <sub>2</sub> O <sub>4</sub>	Q	1955	South Africa	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>78</b> (1955), 307	<i>American Mineralogist</i> <b>73</b> (1988), 153
Titanowodginite	Mn <sup>2+</sup> TiTa <sub>2</sub> O <sub>8</sub>	A	1984-008	Canada	<i>Canadian Mineralogist</i> <b>30</b> (1992), 633	
Titantaramellite	Ba <sub>4</sub> (Ti,Fe <sup>3+</sup> ,Mg) <sub>4</sub> (O,OH) <sub>2</sub> [B <sub>2</sub> Si <sub>8</sub> O <sub>27</sub> ]Cl <sub>x</sub>	A	1977-046	Canada / Mexico / USA	<i>American Mineralogist</i> <b>69</b> (1984), 358	
Tivanite	TiV <sup>3+</sup> O <sub>3</sub> (OH)	A	1980-035	Australia	<i>American Mineralogist</i> <b>66</b> (1981), 866	
Tlalocite	Cu <sub>10</sub> Zn <sub>6</sub> (Te <sup>4+</sup> O <sub>3</sub> )(Te <sup>6+</sup> O <sub>4</sub> ) <sub>2</sub> Cl(OH) <sub>25</sub> ·27H <sub>2</sub> O	A	1974-047	Mexico	<i>Mineralogical Magazine</i> <b>40</b> (1975), 221	
Tlapallite	H <sub>6</sub> (Ca,Pb) <sub>2</sub> (Cu,Zn) <sub>3</sub> O <sub>2</sub> (SO <sub>4</sub> )(Te <sup>4+</sup> O <sub>3</sub> ) <sub>4</sub> (Te <sup>6+</sup> O <sub>4</sub> )	A	1977-044	Mexico	<i>Mineralogical Magazine</i> <b>42</b> (1978), 181	
Tobelite	(NH <sub>4</sub> )Al <sub>2</sub> (Si <sub>3</sub> Al)O <sub>10</sub> (OH) <sub>2</sub>	A	1981-021	Japan	<i>Mineralogical Journal</i> <b>11</b> (1982), 138	<i>Mineralogical Magazine</i> <b>80</b> (2016), 143
Tobermorite	Ca <sub>4</sub> Si <sub>6</sub> O <sub>17</sub> (H <sub>2</sub> O) <sub>2</sub> ·(Ca·3H <sub>2</sub> O)	Rd	2014 s.p.	United Kingdom	<i>Mineralogical Magazine</i> <b>4</b> (1880), 117	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 577
Tochilinite	6(Fe <sub>0.9</sub> S)·5[(Mg,Fe)(OH) <sub>2</sub> ]	A	1971-002	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>100</b> (1971), 477	<i>Soviet Physics - Crystallography</i> <b>18</b> (1974), 606
Tocornalite	(Ag,Hg)I (?)	Q	1867	Chile	Mineralojia de Chile, Appendix II. Libreria Central de Servat, Santiago (1867), 41	<i>Smithsonian Contribution to Earth Sciences</i> <b>9</b> (1972), 79
Todorokite	(Na,Ca,K,Ba,Sr) <sub>1-x</sub> (Mn,Mg,Al) <sub>6</sub> O <sub>12</sub> ·3-4H <sub>2</sub> O	A	1962 s.p.	Japan	<i>Journal of the Faculty of Science, Hokkaido University, Series 4</i> <b>2</b> (1934), 289	<i>American Mineralogist</i> <b>88</b> (2003), 142
Tokkoite	K <sub>2</sub> Ca <sub>4</sub> Si <sub>7</sub> O <sub>18</sub> (OH)F	A	1985-009	Russia	<i>Mineralogicheskii Zhurnal</i> <b>8</b> (1986), 85	<i>Mineralogical Magazine</i> <b>81</b> (2017), 251
Tokyoite	Ba <sub>2</sub> Mn <sup>3+</sup> (VO <sub>4</sub> ) <sub>2</sub> OH	A	2003-036	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>99</b> (2004), 363	<i>Canadian Mineralogist</i> <b>53</b> (2015), 981
Tolbachite	CuCl <sub>2</sub>	A	1982-067	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>270</b> (1983), 415	<i>American Mineralogist</i> <b>78</b> (1993), 187
Tolovkite	IrSbS	A	1980-055	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 474	<i>American Mineralogist</i> <b>74</b> (1989), 1168
Tomichite	V <sup>3+</sup> <sub>4</sub> Ti <sup>4+</sup> <sub>3</sub> As <sup>3+</sup> O <sub>13</sub> (OH)	A	1978-074	Australia	<i>Mineralogical Magazine</i> <b>43</b> (1979), 469	<i>American Mineralogist</i> <b>72</b> (1987), 201
Tondiite	Cu <sub>3</sub> MgCl <sub>2</sub> (OH) <sub>6</sub>	A	2013-077	Italy	<i>Mineralogical Magazine</i> <b>78</b> (2014), 583	
Tongbaite	Cr <sub>3</sub> C <sub>2</sub>	A	1982-003	China	<i>Acta Mineralogica Sinica</i> <b>3</b> (1983), 241	<i>Acta Mineralogica Sinica</i> <b>24</b> (2004), 1
Tooeleite	Fe <sup>3+</sup> <sub>6</sub> (AsO <sub>3</sub> ) <sub>4</sub> (SO <sub>4</sub> )(OH) <sub>4</sub> ·4H <sub>2</sub> O	A	1990-010	USA	<i>Mineralogical Magazine</i> <b>56</b> (1992), 71	<i>American Mineralogist</i> <b>92</b> (2007), 193
Topaz	Al <sub>2</sub> SiO <sub>4</sub> F <sub>2</sub>	G	?	unknown	Mineralogia, eller Mineralriket. Lars Salvius, Stockholm (1847), 117	<i>American Mineralogist</i> <b>91</b> (2006), 1839
Topsøeite	FeF <sub>3</sub> (H <sub>2</sub> O) <sub>3</sub>	A	2016-113	Iceland	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Torbernite	Cu(UO <sub>2</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O	A	1980 s.p.	Czech Republic	Über Herrn Werners Verbesserungen in der Mineralogie. Haude und Spener, Berlin (1793), 43	<i>Canadian Mineralogist</i> <b>41</b> (2003), 489
Törnebohmit-(Ce)	Ce <sub>2</sub> Al(SiO <sub>4</sub> ) <sub>2</sub> (OH)	Rn	1966 s.p.	Sweden	<i>Sveriges Geologiska Undersökning</i> <b>14</b> (1921), 304	<i>American Mineralogist</i> <b>67</b> (1982), 1021

Törnebohmite-(La)	$\text{La}_2\text{Al}(\text{SiO}_4)_2(\text{OH})$	Rn	1966 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 97	
Törnroosite	$\text{Pd}_{11}\text{As}_2\text{Te}_2$	A	2010-043	Finland	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1643	<i>Canadian Mineralogist</i> <b>54</b> (2016), 511
Torreillasite	$\text{Na}(\text{As},\text{Sb})^3\text{O}_6\text{Cl}$	A	2013-112	Chile	<i>Mineralogical Magazine</i> <b>78</b> (2014), 747	
Torreyite	$\text{Mg}_9\text{Zn}_4(\text{SO}_4)_2(\text{OH})_{22}\cdot 8\text{H}_2\text{O}$	G	1949	USA	<i>American Mineralogist</i> <b>34</b> (1949), 589	<i>American Mineralogist</i> <b>67</b> (1982), 1029
Tosudite	$\text{Na}_{0.5}(\text{Al},\text{Mg})_6(\text{Si},\text{Al})_8\text{O}_{18}(\text{OH})_{12}\cdot 5\text{H}_2\text{O}$	G	1963	Ukraine	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 560	<i>Clays and Clay Minerals</i> <b>23</b> (1975), 337
Toturite	$\text{Ca}_3\text{Sn}_2(\text{SiFe}^{3+}_2)\text{O}_{12}$	A	2009-033	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 1305	
Tounkite	$(\text{Na},\text{Ca},\text{K})_8(\text{Si}_6\text{Al}_6)\text{O}_{24}(\text{SO}_4)_2\text{Cl}\cdot 0.5\text{H}_2\text{O}$	A	1990-009	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(2)</b> (1992), 92	
Townendite	$\text{Na}_8\text{ZrSi}_6\text{O}_{18}$	A	2009-066	Denmark (Greenland)	<i>American Mineralogist</i> <b>95</b> (2010), 646	
Toyohaite	$\text{Ag}_2\text{FeSn}_3\text{S}_8$	A	1989-007	Japan	<i>Mineralogical Journal</i> <b>15</b> (1991), 222	
Trabzonite	$\text{Ca}_4[\text{Si}_3\text{O}_9(\text{OH})](\text{OH})$	A	1983-071a	Turkey	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>66</b> (1986), 453	<i>Mineralogical Magazine</i> <b>76</b> (2012), 455
Tranquillityite	$\text{Fe}^{2+}_8\text{Ti}_3\text{Zr}_2\text{Si}_3\text{O}_{24}$	A	1971-013	Moon	<i>Proceedings of the 2nd Lunar Scientific Conference</i> <b>1</b> (1971), 39	<i>Geology</i> <b>40</b> (2012), 83
Transjordanite	$\text{Ni}_2\text{P}$	A	2013-106	Jordan / Israel	CNMNC Newsletter 19 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 165	
Traskite	$\text{Ba}_{21}\text{Ca}(\text{Fe}^{2+},\text{Mn},\text{Ti})_4(\text{Ti},\text{Fe},\text{Mg})_{12}(\text{Si}_{12}\text{O}_{36})(\text{Si}_2\text{O}_7)_6(\text{O},\text{OH})_{30}\text{Cl}_6\cdot 14\text{H}_2\text{O}$	A	1964-014	USA	<i>American Mineralogist</i> <b>50</b> (1965), 314	<i>Doklady Akademii Nauk SSSR</i> <b>229</b> (1976), 1101
Trattnerite	$\text{Fe}^{3+}_2(\text{Mg}_3\text{Si}_{12})\text{O}_{30}$	A	2002-002	Austria	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 375	
Treasurite	$\text{Ag}_7\text{Pb}_6\text{Bi}_{15}\text{S}_{30}$	A	1976-008	USA	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>131</b> (1977), 56	<i>Bulletin of the Geological Society of Denmark</i> <b>26</b> (1977), 41
Trébeurdenite	$\text{Fe}^{2+}_2\text{Fe}^{3+}_4\text{O}_2(\text{OH})_{10}(\text{CO}_3)\cdot 3\text{H}_2\text{O}$	A	2012 s.p.	France	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1289	
Trechmannite	$\text{AgAsS}_2$	G	1905	Switzerland	<i>Mineralogical Magazine</i> <b>14</b> (1905), 72	<i>Zeitschrift für Kristallographie</i> <b>129</b> (1969), 163
Tredouxite	$\text{NiSb}_2\text{O}_6$	A	2017-061	South Africa	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Trembathite	$\text{Mg}_3\text{B}_7\text{O}_{13}\text{Cl}$	A	1991-018	Canada	<i>Canadian Mineralogist</i> <b>30</b> (1992), 445	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1195
Tremolite	$\square\text{Ca}_2(\text{Mg}_{5.0-4.5}\text{Fe}^{2+}_{0.0-0.5})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Switzerland	<i>Magazin für die Naturkunde Helvetiens</i> <b>4</b> (1789), 255	<i>Canadian Mineralogist</i> <b>14</b> (1976), 334
Trevorite	$\text{NiFe}^{3+}_2\text{O}_4$	G	1921	South Africa	<i>Journal of the Chemical, Metallurgical and Mineralogical Society of South Africa</i> <b>21</b> (1921), 126	<i>Solid State Ionics</i> <b>63</b> (1993), 429
Triangulite	$\text{Al}_3(\text{UO}_2)_4(\text{PO}_4)_4(\text{OH})_5\cdot 5\text{H}_2\text{O}$	A	1981-056	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 611	
Triazolite	$\text{NaCu}_2(\text{N}_3\text{C}_2\text{H}_2)_2(\text{NH}_3)_2\text{Cl}_3\cdot 4\text{H}_2\text{O}$	A	2017-025	Chile	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Tridymite	$\text{SiO}_2$	G	1868	Mexico	<i>Annalen der Physik und Chemie</i> <b>135</b> (1868), 437	<i>Physics and Chemistry of Minerals</i> <b>28</b> (2001), 313

Trigonite	$\text{Pb}_3\text{Mn}^{2+}(\text{AsO}_3)_2(\text{AsO}_2\text{OH})$	G	1920	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>42</b> (1920), 436	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>25</b> (1978), 95
Trikalsilite	$\text{K}_2\text{NaAl}_3(\text{SiO}_4)_3$	G	1957	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>42</b> (1957), 286	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 559
Trilithionite	$\text{KLi}_{1.5}\text{Al}_{1.5}(\text{Si}_3\text{Al})\text{O}_{10}\text{F}_2$	Rd	1998 s.p.	Sweden	<i>Mineralogical Magazine</i> <b>53</b> (1989), 165	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 475
Trimerite	$\text{CaBe}_3\text{Mn}^{2+}_2(\text{SiO}_4)_3$	G	1890	Sweden	<i>Zeitschrift für Kristallographie</i> <b>18</b> (1890), 361	<i>Zeitschrift für Kristallographie</i> <b>145</b> (1977), 46
Trimounsite-(Y)	$\text{Y}_2\text{Ti}_2\text{SiO}_9$	A	1989-042	France	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 725	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 761
Trinepheline	$\text{NaAlSiO}_4$	A	2012-024	Myanmar	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 257	
Triphylite	$\text{LiFe}^{2+}(\text{PO}_4)$	G	1834	Germany	<i>Journal für Praktische Chemie</i> <b>3</b> (1834), 98	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1105
Triplite	$(\text{Mn}^{2+}, \text{Fe}^{2+})_2(\text{PO}_4)\text{F}$	G	1813	France	Handbuch der Mineralogie, Vol. 3. Vandenhoeck und Ruprecht, Göttingen (1813), 1079	<i>Canadian Mineralogist</i> <b>52</b> (2014), 235
Triploidite	$\text{Mn}^{2+}_2(\text{PO}_4)(\text{OH})$	G	1878	USA	<i>American Journal of Science</i> <b>16</b> (1878), 42	<i>Zeitschrift für Kristallographie</i> <b>131</b> (1970), 1
Trippkeite	$\text{Cu}^{2+}\text{As}^{3+}_2\text{O}_4$	G	1880	Chile	<i>Verhandlungen des Naturhistorischen Vereines der Preussischen Rheinlande und Westphalens</i> <b>37</b> (1880), 207	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>22</b> (1975), 211
Tripuyhite	$\text{Fe}^{3+}\text{Sb}^{5+}\text{O}_4$	Rd	2002 s.p.	Brazil	<i>Mineralogical Magazine</i> <b>11</b> (1897), 302	<i>Mineralogical Magazine</i> <b>67</b> (2003), 31
Tristramite	$(\text{Ca}, \text{U}^{4+}, \text{Fe}^{3+})(\text{PO}_4, \text{SO}_4) \cdot 2\text{H}_2\text{O}$	A	1982-037	United Kingdom	<i>Mineralogical Magazine</i> <b>47</b> (1983), 393	
Tritomite-(Ce)	$\text{Ce}_5(\text{SiO}_4, \text{BO}_4)_3(\text{OH}, \text{O})$	Rn	1987 s.p.	Norway	<i>Annalen der Physik und Chemie</i> <b>79</b> (1850), 299	
Tritomite-(Y)	$\text{Y}_5(\text{SiO}_4, \text{BO}_4)_3(\text{O}, \text{OH}, \text{F})$	Rn	1966 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 9	
Trögerite	$(\text{H}_3\text{O})(\text{UO}_2)(\text{AsO}_4) \cdot 3\text{H}_2\text{O}$	G	1871	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1871), 869	<i>Acta Crystallographica</i> <b>C39</b> (1983), 159
Trogtalite	$\text{CoSe}_2$	G	1955	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1955), 133	<i>Acta Crystallographica</i> <b>B47</b> (1991), 650
Troilite	$\text{FeS}$	G	1863	Italy (meteorite)	<i>Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften, Mathematisch-naturwissenschaftliche Klasse</i> <b>47</b> (1863), 283	<i>American Mineralogist</i> <b>91</b> (2006), 917
Trolleite	$\text{Al}_4(\text{PO}_4)_3(\text{OH})_3$	G	1868	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>25</b> (1868), 197	<i>American Mineralogist</i> <b>59</b> (1974), 974
Trona	$\text{Na}_3(\text{HCO}_3)(\text{CO}_3) \cdot 2\text{H}_2\text{O}$	G	1773	Libya	<i>Svenska Vetenskaps-Akademiens Handlingar</i> <b>34</b> (1773), 140	<i>Acta Crystallographica</i> <b>B38</b> (1982), 2874
Truscottite	$\text{Ca}_{14}\text{Si}_{24}\text{O}_{58}(\text{OH})_8 \cdot 2\text{H}_2\text{O}$	G	1914	Indonesia	<i>Verhandlungen Jaarboek van het Mijneuzen in Nederlandsch Oost-Indië</i> <b>41</b> (1914), 202	<i>Mineralogical Magazine</i> <b>43</b> (1979), 333
Trüstedtite	$\text{Ni}^{2+}\text{Ni}^{3+}_2\text{Se}_4$	A	1967 s.p.	Finland	<i>Comptes Rendus de la Société Géologique de Finlande</i> <b>36</b> (1964), 113	
Tsangpoite	$\text{Ca}_5(\text{PO}_4)_2(\text{SiO}_4)$	A	2014-110	Argentina	CNMNC Newsletter 25 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 529	

Tsaregorodtsevitse	$N(CH_3)_4Si_4(SiAl)O_{12}$	A	1991-042	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(1)</b> (1993), 128	<i>Doklady Akademii Nauk SSSR</i> <b>332</b> (1993) 309
Tschemakite	$\square Ca_2(Mg_3Al_2)(Si_6Al_2)O_{22}(OH)_2$	Rd	2012 s.p.	unknown	<i>American Mineralogist</i> <b>30</b> (1945), 27	
Tschemigite	$(NH_4)Al(SO_4)_2 \cdot 12H_2O$	G	1853	Czech Republic	Tafeln zur Bestimmung der Mineralien mittelst einfacher chemischer Versuche auf trockenem und nassem Wege. Lindauer, München (1853), 47	<i>Zeitschrift für Kristallographie</i> <b>157</b> (1982), 147
Tschernichite	$CaAl_2Si_6O_{16} \cdot 8H_2O$	A	1989-037	USA	<i>American Mineralogist</i> <b>78</b> (1993), 822	<i>Journal of Physical Chemistry</i> <b>B106</b> (2002), 10277
Tschörtnerite	$Ca_4(K,Ca,Sr,Ba)_3Cu_3Al_{12}Si_{12}O_{48}(OH)_8 \cdot 20H_2O$	A	1995-051	Germany	<i>American Mineralogist</i> <b>83</b> (1998), 607	
Tsepinite-Ca	$(Ca,K,Na)_{2-x}(Ti,Nb)_2(Si_4O_{12})(OH,O)_2 \cdot 4H_2O$	A	2002-020	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2003), 461	
Tsepinite-K	$(K,Ba,Na)_2(Ti,Nb)_2(Si_4O_{12})(OH,O)_2 \cdot 3H_2O$	A	2002-005	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(1)</b> (2003), 38	<i>Doklady Chemistry</i> <b>386</b> (2002), 246
Tsepinite-Na	$(Na,H_3O,K,Sr,Ba,\square)_2(Ti,Nb)_2(Si_4O_{12})(OH,O)_2 \cdot 3H_2O$	Rn	2000-046	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 43	<i>Doklady Chemistry</i> <b>371</b> (2000), 52
Tsepinite-Sr	$(Sr,Ba,K)(Ti,Nb)_2(Si_4O_{12})(OH,O)_2 \cdot 3H_2O$	A	2004-008	Russia	<i>New Data on Minerals</i> <b>40</b> (2005), 11	<i>Doklady Akademii Nauk</i> <b>393</b> (2003), 784
Tsilaisite	$NaMn^{2+}_3Al_6(Si_6O_{18})(BO_3)_3(OH)_3(OH)$	A	2011-047	Italy	<i>American Mineralogist</i> <b>97</b> (2012), 989	
Tsnigrinite	$Ag_9SbTe_3(S,Se)_3$	A	1991-051	Uzbekistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(5)</b> (1992), 95	
Tsugaruite	$Pb_4As_2S_7$	A	1997-010	Japan	<i>Mineralogical Magazine</i> <b>62</b> (1998), 793	
Tsumcorite	$PbZn_2(AsO_4)_2 \cdot 2H_2O$	A	1969-047	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1971), 304	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 179
Tsumebite	$Pb_2Cu(PO_4)(SO_4)(OH)$	G	1912	Namibia	<i>Versammlung Deutschen Naturforscher und Ärzte</i> <b>84</b> (1912), 230	<i>Mineralogical Magazine</i> <b>36</b> (1967), 522
Tsumgallite	$GaO(OH)$	A	2002-011	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2003), 521	
Tsumoite	$BiTe$	A	1972-010a	Japan	<i>American Mineralogist</i> <b>63</b> (1978), 1162	<i>Acta Crystallographica</i> <b>B35</b> (1979), 147
Tubulite	$Ag_2Pb_{22}Sb_{20}S_{53}$	A	2011-109	France / Italy	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 1017	
Tučekite	$Ni_9Sb_2S_8$	A	1975-022	Australia /South Africa	<i>Mineralogical Magazine</i> <b>42</b> (1978), 278	
Tugarinovite	$MoO_2$	A	1979-072	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 465	<i>Australian Journal of Chemistry</i> <b>48</b> (1995), 1473
Tugtupite	$Na_4BeAlSi_4O_{12}Cl$	A	1967 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>167</b> (1962), 1	
Tuhualite	$NaFe^{2+}Fe^{3+}Si_6O_{15}$	G	1932	New Zealand	<i>New Zealand Journal of Science and Technology</i> <b>13</b> (1932), 198	<i>Science</i> <b>166</b> (1969), 1399
Tuite	$Ca_3(PO_4)_2$	A	2001-070	China (meteorite)	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1001	
Tulameenite	$Pt_2CuFe$	A	1972-016	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 21	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Tuliokite	$Na_6BaTh(CO_3)_6 \cdot 6H_2O$	A	1988-041	Russia	<i>Mineralogicheskii Zhurnal</i> <b>12</b> (1990), 74	<i>Doklady Akademii Nauk SSSR</i> <b>310</b> (1990), 99

Tululite	$\text{Ca}_{14}(\text{Fe}^{3+}, \text{Al})(\text{Al}, \text{Zn}, \text{Fe}^{3+}, \text{Si}, \text{P}, \text{Mn}, \text{Mg})_{15}\text{O}_{36}$	A	2014-065	Jordan	<i>Mineralogy and Petrology</i> <b>110</b> (2016), 125	
Tumchaite	$\text{Na}_2\text{ZrSi}_4\text{O}_{11}\cdot 2\text{H}_2\text{O}$	A	1999-041	Russia	<i>American Mineralogist</i> <b>85</b> (2000), 1516	<i>American Mineralogist</i> <b>89</b> (2004), 492
Tundrite-(Ce)	$\text{Na}_2\text{Ce}_2\text{TiO}_2(\text{SiO}_4)(\text{CO}_3)_2$	A	1968 s.p.	Russia	<i>Izdatelstvo Akademii Nauk SSSR</i> (1963), 209	<i>Canadian Mineralogist</i> <b>46</b> (2008), 413
Tundrite-(Nd)	$\text{Na}_2\text{Nd}_2\text{TiO}_2(\text{SiO}_4)(\text{CO}_3)_2$	Rn	1987 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>181</b> (1967), 1	
Tunellite	$\text{SrB}_6\text{O}_9(\text{OH})_2\cdot 3\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>U.S. Geological Survey, Professional Paper</i> <b>424-C</b> (1961), 294	<i>Canadian Mineralogist</i> <b>32</b> (1994), 895
Tungsten	W	A	2011-004	Russia	CNMNC Newsletter 9 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2535	
Tungstenite	$\text{WS}_2$	G	1917	USA	<i>Journal of the Washington Academy of Sciences</i> <b>7</b> (1917), 596	<i>Journal of Solid State Chemistry</i> <b>70</b> (1987), 207
Tungstibite	$\text{Sb}_2\text{WO}_6$	A	1993-059	Germany	<i>Chemie der Erde</i> <b>55</b> (1995), 217	
Tungstite	$\text{WO}_3\cdot \text{H}_2\text{O}$	G	1868	USA	A System of Mineralogy, 5th ed. Wiley, New York (1868), 186	<i>Canadian Mineralogist</i> <b>22</b> (1984), 681
Tungusite	$\text{Ca}_{14}\text{Fe}^{2+}_9\text{Si}_{24}\text{O}_{60}(\text{OH})_{22}$	A	1966-029	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>171</b> (1966), 1167	<i>Mineralogical Magazine</i> <b>59</b> (1995), 535
Tunisie	$\text{NaCa}_2\text{Al}_4(\text{CO}_3)_4(\text{OH})_8\text{Cl}$	A	1967-038	Tunisia	<i>American Mineralogist</i> <b>54</b> (1969), 1	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>28</b> (1981), 65
Tuperssuatsiaite	$\text{Na}_2(\text{Fe}^{3+}, \text{Mn}^{2+})_3\text{Si}_8\text{O}_{20}(\text{OH})_2\cdot 4\text{H}_2\text{O}$	A	1984-002	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 501	<i>American Mineralogist</i> <b>87</b> (2002), 1458
Turanite	$\text{Cu}^{2+}_5(\text{VO}_4)_2(\text{OH})_4$	G	1909	Uzbekistan	<i>Izvestiya Imperatorskoy Akademii Nauk</i> <b>3</b> (1909), 185	<i>Canadian Mineralogist</i> <b>42</b> (2004), 761
Turkestanite	$(\text{K}, \square)(\text{Ca}, \text{Na})_2\text{ThSi}_8\text{O}_{20}\cdot n\text{H}_2\text{O}$	A	1996-036	Kyrgyzstan / Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(6)</b> (1998), 45	<i>Crystallography Reports</i> <b>43</b> (1998), 584
Turneaureite	$\text{Ca}_5(\text{AsO}_4)_3\text{Cl}$	A	1983-063	USA	<i>Canadian Mineralogist</i> <b>23</b> (1985), 251	<i>American Mineralogist</i> <b>102</b> (2017), 1981
Turquoise	$\text{CuAl}_6(\text{PO}_4)_4(\text{OH})_8\cdot 4\text{H}_2\text{O}$	A	1967 s.p.	unknown	original paper?	<i>Mineralogical Magazine</i> <b>64</b> (2000), 905
Turtmannite	$\text{Mn}_{25}\text{O}_5(\text{VO}_4)_3(\text{SiO}_4)_3(\text{OH})_{20}$	A	2000-007	Switzerland	<i>American Mineralogist</i> <b>86</b> (2001), 1494	
Tuscanite	$\text{KCa}_6(\text{Si}, \text{Al})_{10}\text{O}_{22}(\text{SO}_4, \text{CO}_3)_2(\text{OH})\cdot \text{H}_2\text{O}$	A	1976-031	Italy	<i>American Mineralogist</i> <b>62</b> (1977), 1110	<i>American Mineralogist</i> <b>62</b> (1977), 1114
Tusionite	$\text{Mn}^{2+}\text{Sn}(\text{BO}_3)_2$	A	1982-090	Tajikistan	<i>Doklady Akademii Nauk SSSR</i> <b>272</b> (1983), 1449	<i>Canadian Mineralogist</i> <b>32</b> (1994), 903
Tuzlaite	$\text{NaCaB}_5\text{O}_8(\text{OH})_2\cdot 3\text{H}_2\text{O}$	A	1993-022	Bosnia and Herzegovina	<i>American Mineralogist</i> <b>79</b> (1994), 562	
Tvalchrelidzeite	$\text{Hg}_3\text{SbAsS}_3$	A	1974-052	Georgia	<i>Doklady Akademii Nauk SSSR</i> <b>225</b> (1975), 911	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1529
Tvedalite	$\text{Ca}_4\text{Be}_3\text{Si}_6\text{O}_{17}(\text{OH})_4\cdot 3\text{H}_2\text{O}$	A	1990-027	Norway	<i>American Mineralogist</i> <b>77</b> (1992), 438	
Tveitite-(Y)	$(\text{Y}, \text{Na})_6(\text{Ca}, \text{Na}, \text{REE})_{12}(\text{Ca}, \text{Na})\text{F}_{42}$	A	1975-033	Norway	<i>Lithos</i> <b>10</b> (1977), 81	<i>Crystallography Reports</i> <b>52</b> (2007), 71
Tvrđýite	$\text{Fe}^{2+}\text{Fe}^{3+}_2\text{Al}_3(\text{PO}_4)_4(\text{OH})_5(\text{H}_2\text{O})_4\cdot 2\text{H}_2\text{O}$	A	2014-082	Czech Republic	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1077	
Tweddillite	$\text{CaSr}(\text{Mn}^{3+}_2\text{Al})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	Rn	2001-014	South Africa	<i>Mineralogical Magazine</i> <b>66</b> (2002), 137	
Twinnite	$\text{Pb}(\text{Sb}_{0.63}\text{As}_{0.37})_2\text{S}_4$	A	1966-017	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	
Tychite	$\text{Na}_6\text{Mg}_2(\text{CO}_3)_4(\text{SO}_4)$	G	1905	USA	<i>American Journal of Science</i> <b>20</b> (1905), 217	<i>Acta Crystallographica</i> <b>E62</b> (2006), 207
Tyretskite	$\text{Ca}_2\text{B}_5\text{O}_9(\text{OH})\cdot \text{H}_2\text{O}$	A	1968 s.p.	Russia	<i>Rentgenografia Mineral'nogo Syr'ia, Vsesoyuznogo nauchno-issledovatel'skogo Institute, Akademii Nauk SSSR</i> <b>4</b> (1964), 10	<i>American Mineralogist</i> <b>53</b> (1968), 2084



Tyrolite	$\text{Ca}_2\text{Cu}_9(\text{AsO}_4)_4(\text{CO}_3)(\text{OH})_8 \cdot 11\text{H}_2\text{O}$	G	1845	Austria	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 509	<i>American Mineralogist</i> <b>91</b> (2006), 1378
Tyrrellite	$\text{Cu}(\text{Co},\text{Ni})_2\text{Se}_4$	G	1952	Canada	<i>American Mineralogist</i> <b>37</b> (1952), 542	<i>Acta Crystallographica</i> <b>C63</b> (2007), i73
Tyuyamunite	$\text{Ca}(\text{UO}_2)_2(\text{VO}_4)_2 \cdot 5\text{-}8\text{H}_2\text{O}$	G	1912	Kyrgyzstan	<i>Bulletin de l'Académie Impériale des Sciences de St.-Pétersbourg</i> <b>6</b> (1912), 945	<i>Bulletin of the United States Geological Survey</i> <b>1009-B</b> (1954), 37
Uchucchacuaite	$\text{AgMnPb}_3\text{Sb}_5\text{S}_{12}$	Rn	1981-007	Peru	<i>Bulletin de Minéralogie</i> <b>107</b> (1984), 597	<i>American Mineralogist</i> <b>96</b> (2011), 1186
Uduminelite	$\text{Ca}_3\text{Al}_8(\text{PO}_4)_2\text{O}_{12} \cdot 2\text{H}_2\text{O}$	Q	1950	Japan	<i>Journal Geological Survey of Japan</i> <b>56</b> (1950), 243	<i>American Mineralogist</i> <b>58</b> (1973), 806
Uedaite-(Ce)	$\text{Mn}^{2+}\text{CeAl}_2\text{Fe}^{2+}(\text{Si}_2\text{O}_7)(\text{SiO}_4)\text{O}(\text{OH})$	A	2006-022	Japan	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 261	
Uklonskovite	$\text{NaMg}(\text{SO}_4)\text{F} \cdot 2\text{H}_2\text{O}$	A	2016 s.p.	Uzbekistan	<i>Doklady Akademii Nauk SSSR</i> <b>158</b> (1964), 1093	<i>Bulletin de Mineralogie</i> <b>108</b> (1985), 133
Ulexite	$\text{NaCaB}_5\text{O}_6(\text{OH})_6 \cdot 5\text{H}_2\text{O}$	G	1850	Chile	A System of Mineralogy, 3rd ed. Putnam, New York and London (1850), 695	<i>American Mineralogist</i> <b>63</b> (1978), 160
Ulfanderssonite-(Ce)	$(\text{Ce}_{15}\text{Ca})_{\Sigma 16}\text{Mg}_2(\text{SiO}_4)_{10}(\text{SiO}_3\text{OH})(\text{OH},\text{F})_5\text{Cl}_3$	A	2016-107	Sweden	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Ullmannite	$\text{NiSbS}$	G	1843	Germany	Grundzüge eines Systems der Krystallogologie. Druck und Winterthur, Zürich (1843), 42	<i>American Mineralogist</i> <b>65</b> (1980), 154
Ulrichite	$\text{CaCu}(\text{UO}_2)(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	A	1988-006	Australia	<i>Australian Mineralogist</i> <b>3</b> (1988), 125	<i>Mineralogical Magazine</i> <b>65</b> (2001), 717
Ulvöspinel	$\text{Fe}^{2+}_2\text{TiO}_4$	G	1946	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>68</b> (1946), 578	<i>American Mineralogist</i> <b>94</b> (2009), 181
Umangite	$\text{Cu}_3\text{Se}_2$	G	1891	Argentina	<i>Zeitschrift für Krystallographie und Mineralogie</i> <b>19</b> (1891), 265	<i>Canadian Journal of Chemistry</i> <b>54</b> (1976), 841
Umbite	$\text{K}_2\text{ZrSi}_3\text{O}_9 \cdot \text{H}_2\text{O}$	A	1982-006	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 461	<i>Izvestiya Akademii Nauk SSSR Neorganicheskie Materialy</i> <b>29</b> (1993), 971
Umbozerite	$\text{Na}_3\text{Sr}_4\text{ThSi}_8(\text{O},\text{OH})_{24}$	A	1973-039	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>216</b> (1974), 169	
Umbrianite	$\text{K}_7\text{Na}_2\text{Ca}_2[\text{Al}_3\text{Si}_{10}\text{O}_{29}]\text{F}_2\text{Cl}_2$	A	2011-074	Italy	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 655	
Umohoite	$(\text{UO}_2)(\text{MoO}_4) \cdot 2\text{H}_2\text{O}$	G	1953	USA	<i>United States Atomic Energy Commission, Annual Report</i> (1953), 45	<i>Canadian Mineralogist</i> <b>38</b> (2000), 717
Ungavaite	$\text{Pd}_4\text{Sb}_3$	A	2004-020	Canada	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1735	
Ungemachite	$\text{K}_3\text{Na}_8\text{Fe}^{3+}(\text{SO}_4)_6(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 314	<i>American Mineralogist</i> <b>71</b> (1986), 826
Upalite	$\text{Al}(\text{UO}_2)_3(\text{PO}_4)_2\text{O}(\text{OH}) \cdot 7\text{H}_2\text{O}$	A	1978-045	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>102</b> (1979), 333	<i>Bulletin de Minéralogie</i> <b>106</b> (1983), 383
Uralborite	$\text{CaB}_2\text{O}_2(\text{OH})_4$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>90</b> (1961), 673	<i>Doklady Akademii Nauk SSSR</i> <b>234</b> (1977), 822
Uralolite	$\text{Ca}_2\text{Be}_4(\text{PO}_4)_3(\text{OH})_3 \cdot 5\text{H}_2\text{O}$	G	1964	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>93</b> (1964), 156	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 887

Uramarsite	$(\text{NH}_4)(\text{UO}_2)(\text{AsO}_4)\cdot 3\text{H}_2\text{O}$	A	2005-043	Kazakhstan	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>415A</b> (2007), 965	<i>Crystallography Reports</i> <b>53</b> (2008), 771
Uramphite	$(\text{NH}_4)(\text{UO}_2)(\text{PO}_4)\cdot 3\text{H}_2\text{O}$	G	1957	Kyrgyzstan	Voprosy Geologii Urana. Atomic Press, Moscow (1957), 67	<i>Acta Crystallographica</i> <b>C39</b> (1983), 162
Uranocalcarite	$\text{Ca}(\text{UO}_2)_3(\text{CO}_3)(\text{OH})_6\cdot 3\text{H}_2\text{O}$	A	1983-052	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>107</b> (1984), 21	<i>Acta Mineralogica Sinica</i> <b>12</b> (1992), 78
Uraninite	$\text{UO}_2$	G	1845	Czech Republic	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 546	<i>Journal of the American Chemical Society</i> <b>70</b> (1948), 99
Uranocircite-II	$\text{Ba}(\text{UO}_2)_2(\text{PO}_4)_2\cdot 10\text{H}_2\text{O}$	G	1877	Germany	Jahrbuch für das Berg- und Hüttenwesen im Königreiche Sachsen 1877. Craz & Gerlach, Freiberg (1877), 48	
Uranophane- $\alpha$	$\text{Ca}(\text{UO}_2)_2(\text{SiO}_3\text{OH})_2\cdot 5\text{H}_2\text{O}$	G	1853	Poland	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>5</b> (1853), 373	<i>Acta Crystallographica</i> <b>C44</b> (1988), 421
Uranophane- $\beta$	$\text{Ca}(\text{UO}_2)_2(\text{SiO}_3\text{OH})_2\cdot 5\text{H}_2\text{O}$	G	1935	Czech Republic	<i>Vestniku Královské České Společnosti Nauk</i> <b>7</b> (1935), 1	<i>American Mineralogist</i> <b>71</b> (1986), 1489
Uranopilite	$(\text{UO}_2)_6(\text{SO}_4)\text{O}_2(\text{OH})_6\cdot 14\text{H}_2\text{O}$	G	1882	Czech Republic / Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> <b>2</b> (1882), 249	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1139
Uranopolycrase	$(\text{U}, \text{Y})(\text{Ti}, \text{Nb}, \text{Ta})_2(\text{O}, \text{OH})_6$	A	1990-046	Italy	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 1161	
Uranosilite	$(\text{UO}_2)\text{Si}_7\text{O}_{15}$	A	1981-066	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 259	
Uranospathite	$(\text{Al}, \square)(\text{UO}_2)_2\text{F}(\text{PO}_4)_2\cdot 20\text{H}_2\text{O}$	G	1915	United Kingdom	<i>Mineralogical Magazine</i> <b>17</b> (1915), 221	<i>Canadian Mineralogist</i> <b>43</b> (2005), 989
Uranosphaerite	$\text{Bi}(\text{UO}_2)\text{O}_2(\text{OH})$	G	1873	Germany	<i>Jahrbuch für das Berg- und Hüttenwesen im Königreiche Sachsen, Abhandlungen</i> (1873), 119	<i>Canadian Mineralogist</i> <b>41</b> (2003), 677
Uranospinite	$\text{Ca}(\text{UO}_2)_2(\text{AsO}_4)_2\cdot 10\text{H}_2\text{O}$	G	1873	Germany	<i>Jahrbuch für das Berg- und Hüttenwesen im Königreiche Sachsen, Abhandlungen</i> (1873), 119	<i>U.S. Geological Survey Bulletin</i> <b>1064</b> (1958), 183
Uranotungstite	$\text{Fe}(\text{UO}_2)_2(\text{WO}_4)(\text{OH})_4\cdot 12\text{H}_2\text{O}$	A	1984-005	Germany	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>34</b> (1985), 25	
Urea	$\text{CO}(\text{NH}_2)_2$	A	1972-031	Australia	<i>Mineralogical Magazine</i> <b>39</b> (1973), 346	<i>Acta Crystallographica</i> <b>B40</b> (1984), 300
Uricite	$\text{C}_5\text{H}_4\text{N}_4\text{O}_3$	A	1973-055	Australia	<i>Mineralogical Magazine</i> <b>39</b> (1974), 889	<i>Acta Crystallographica</i> <b>20</b> (1966), 397
Ursilite	$\text{Mg}_4(\text{UO}_2)_2(\text{Si}_2\text{O}_5)_{5.5}(\text{OH})_5\cdot 13\text{H}_2\text{O}$	G	1957	Russia	Voprosy Geologii Urana. Atomic Press, Moscow (1957), 73	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 553
Urusovite	$\text{CuAlO}(\text{AsO}_4)$	A	1998-067	Russia	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 1041	<i>Crystallography Reports</i> <b>45</b> (2000), 723
Urvantsevite	$\text{Pd}(\text{Bi}, \text{Pb})_2$	A	1976-025	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 704	<i>Soviet Journal of Experimental and Theoretical Physics</i> <b>5</b> (1957), 1064
Ushkovite	$\text{MgFe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2\cdot 8\text{H}_2\text{O}$	A	1982-014	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 42	<i>Canadian Mineralogist</i> <b>40</b> (2002), 929

Usovite	Ba <sub>2</sub> CaMgAl <sub>2</sub> F <sub>14</sub>	A	1966-038	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>96</b> (1967), 63	<i>Dopovidi Akademii Nauk Ukrainskoi RSR Seriya B: Geologichni Khimichni Ta Biologichni Nauki</i> <b>3</b> (1980), 47
Ussingite	Na <sub>2</sub> AlSi <sub>3</sub> O <sub>8</sub> (OH)	G	1915	Denmark (Greenland)	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>54</b> (1915), 120	<i>American Mineralogist</i> <b>59</b> (1974), 335
Ustarasite	Pb(Bi,Sb) <sub>6</sub> S <sub>10</sub>	Q	1955	Russia	<i>Trudy Mineralogicheskogo Muzeya Akademiya Nauk SSSR</i> <b>7</b> (1955), 112	
Usturite	Ca <sub>3</sub> (SbZr)(FeO <sub>4</sub> ) <sub>3</sub>	Rn	2009-053	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 959	
Utahite	Cu <sub>5</sub> Zn <sub>3</sub> (Te <sup>6+</sup> O <sub>4</sub> ) <sub>4</sub> (OH) <sub>8</sub> ·7H <sub>2</sub> O	A	1995-039	USA	<i>Mineralogical Record</i> <b>28</b> (1997), 175	
Uvanite	(UO <sub>2</sub> ) <sub>2</sub> V <sup>5+</sup> O <sub>17</sub> ·15H <sub>2</sub> O (?)	Q	1914	USA	<i>Journal of the Washington Academy of Sciences</i> <b>4</b> (1914), 576	<i>Anorganische Chemie</i> <b>7</b> (1965), 347
Uvarovite	Ca <sub>3</sub> Cr <sub>2</sub> (SiO <sub>4</sub> ) <sub>3</sub>	A	1967 s.p.	Russia	<i>Annalen der Physik und Chemie</i> <b>24</b> (1832), 388	<i>American Mineralogist</i> <b>56</b> (1971), 791
Uvite	CaMg <sub>3</sub> (Al <sub>5</sub> Mg)(Si <sub>6</sub> O <sub>18</sub> )(BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> (OH)	A	2000-030a	Brazil	CNMNC Newsletter 2 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 375	
Uytenbogaardtite	Ag <sub>3</sub> AuS <sub>2</sub>	A	1977-018	Indonesia / Russia / USA	<i>Canadian Mineralogist</i> <b>16</b> (1978), 651	<i>Mineralogical Magazine</i> <b>80</b> (2016), 1031
Uzonite	As <sub>4</sub> S <sub>5</sub>	A	1984-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 369	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1463
Vaesite	NiS <sub>2</sub>	G	1945	Democratic Republic of the Congo	<i>American Mineralogist</i> <b>30</b> (1945), 483	<i>Acta Crystallographica</i> <b>B47</b> (1991), 650
Vajdakite	(Mo <sup>6+</sup> O <sub>2</sub> ) <sub>2</sub> As <sup>3+</sup> O <sub>5</sub> ·3H <sub>2</sub> O	A	1998-031	Czech Republic	<i>American Mineralogist</i> <b>87</b> (2002), 983	
Valentinite	Sb <sub>2</sub> O <sub>3</sub>	A	1980 s.p.	France	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 499	<i>Dalton Transactions</i> (2004), 23
Valleriite	2[(Fe,Cu)S]·1.53[(Mg,Al)(OH) <sub>2</sub> ]	G	1870	Sweden	<i>Öfersigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> (1870), 19	<i>Zeitschrift für Kristallographie</i> <b>127</b> (1968), 73
Valleyite	Ca <sub>4</sub> Fe <sub>6</sub> O <sub>13</sub>	A	2017-026	USA	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Vanackerite	Pb <sub>4</sub> Cd(AsO <sub>4</sub> ) <sub>3</sub> (Cl,OH)	A	2011-114	Namibia	<i>Journal of Mineralogy and Geochemistry</i> <b>193</b> (2016), 79	
Vanadinite	Pb <sub>5</sub> (VO <sub>4</sub> ) <sub>3</sub> Cl	G	1838	Mexico	Grundzüge der Mineralogie. Schrag, Nürnberg (1838), 283	<i>Journal of the Czech Geological Society</i> <b>51</b> (2006), 271
Vanadiocarpholite	Mn <sup>2+</sup> V <sup>3+</sup> AlSi <sub>2</sub> O <sub>6</sub> (OH) <sub>4</sub>	A	2003-055	Italy	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 501	
Vanadio-oxy-chromium-dravite	NaV <sub>3</sub> (Cr <sub>4</sub> Mg <sub>2</sub> )(Si <sub>6</sub> O <sub>18</sub> )(BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> O	A	2012-034	Russia	<i>American Mineralogist</i> <b>99</b> (2014), 1155	
Vanadio-oxy-dravite	NaV <sub>3</sub> (Al <sub>4</sub> Mg <sub>2</sub> )(Si <sub>6</sub> O <sub>18</sub> )(BO <sub>3</sub> ) <sub>3</sub> (OH) <sub>3</sub> O	A	2012-074	Russia	<i>American Mineralogist</i> <b>99</b> (2014), 218	
Vanadio-pargasite	NaCa <sub>2</sub> (Mg <sub>4</sub> V)(Si <sub>6</sub> Al <sub>2</sub> )O <sub>22</sub> (OH) <sub>2</sub>	A	2017-019	Russia	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Vanadium	V	A	2012-021a	Mexico	<i>Mineralogical Magazine</i> <b>80</b> (2016), 371	
Vanadoallanite-(La)	CaLa <sup>3+</sup> V <sup>3+</sup> AlFe <sup>2+</sup> (Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> )O(OH)	A	2012-095	Japan	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2739	
Vanadoandrosite-(Ce)	MnCe(V <sup>3+</sup> AlMn <sup>2+</sup> )[Si <sub>2</sub> O <sub>7</sub> ][SiO <sub>4</sub> ]O(OH)	A	2004-015	France	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 569	
Vanadomalayaite	CaVO(SiO <sub>4</sub> )	A	1993-032	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 489	

Vanalite	$\text{NaAl}_8\text{V}_{10}\text{O}_{38}\cdot 30\text{H}_2\text{O}$	A	1967 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 307	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 100
Vanarsite	$\text{NaCa}_{12}(\text{As}^{3+}\text{V}^{5+}_{8.5}\text{V}^{4+}_{3.5}\text{As}^{5+}_6\text{O}_{51})_2\cdot 78\text{H}_2\text{O}$	A	2014-031	USA	<i>Canadian Mineralogist</i> <b>54</b> (2016), 145	
Vandenbrandeite	$\text{Cu}(\text{UO}_2)(\text{OH})_4$	G	1932	Democratic Republic of the Congo	<i>Annales du Musée du Congo Belge</i> <b>1</b> (1932), 24	<i>Crystal Structure Communications</i> <b>6</b> (1977), 53
Vandendriesscheite	$\text{Pb}_{1.6}(\text{UO}_2)_{10}\text{O}_6(\text{OH})_{11}\cdot 11\text{H}_2\text{O}$	G	1947	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>70</b> (1947), B212	<i>American Mineralogist</i> <b>82</b> (1997), 1176
Vanderheydenite	$\text{Zn}_6(\text{PO}_4)_2(\text{SO}_4)(\text{OH})_4\cdot 7\text{H}_2\text{O}$	A	2014-076	Australia	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	
Vanmeersscheite	$\text{U}(\text{UO}_2)_3(\text{PO}_4)_2(\text{OH})_6\cdot 4\text{H}_2\text{O}$	A	1981-009	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 125	
Vanoxite	$\text{V}_6\text{O}_{13}\cdot 8\text{H}_2\text{O}$ (?)	G	1924	USA	<i>U.S. Geological Survey Bulletin</i> <b>750-D</b> (1924), 63	
Vantasselite	$\text{Al}_4(\text{PO}_4)_3(\text{OH})_3\cdot 9\text{H}_2\text{O}$	A	1986-016	Belgium	<i>Bulletin de Minéralogie</i> <b>110</b> (1987), 647	
Vanthoffite	$\text{Na}_6\text{Mg}(\text{SO}_4)_4$	G	1902	Germany	<i>Akademie der Wissenschaften, Berichte</i> <b>21</b> (1902), 404	<i>Acta Crystallographica</i> <b>17</b> (1964), 1613
Vanuralite	$\text{Al}(\text{UO}_2)_2(\text{VO}_4)_2(\text{OH})\cdot 11\text{H}_2\text{O}$	A	1967 s.p.	Gabon	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>256</b> (1963), 5374	
Vapnikite	$\text{Ca}_2\text{CaUO}_6$	A	2013-082	Israel	<i>Mineralogical Magazine</i> <b>78</b> (2014), 571	
Varenesite	$\text{Na}_8\text{Mn}_2\text{Si}_{10}\text{O}_{25}(\text{OH},\text{Cl})_2\cdot 12\text{H}_2\text{O}$	A	1994-017	Canada	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1073	
Variscite	$\text{Al}(\text{PO}_4)\cdot 2\text{H}_2\text{O}$	A	1967 s.p.	Germany	<i>Journal für Praktische Chemie</i> <b>10</b> (1837), 506	<i>Acta Crystallographica</i> <b>B33</b> (1977), 263
Varlamoffite	$(\text{Sn},\text{Fe})(\text{O},\text{OH})_2$	Q	1947	Democratic Republic of the Congo	Les minéraux de Belgique et du Congo Belge. Dunod, Paris (1947), 182	<i>Mineralogicheskij Zhurnal</i> <b>15</b> (1993), 94
Varulite	$\text{NaCaMn}^{2+}_3(\text{PO}_4)_3$	G	1937	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>59</b> (1937), 77	
Vashegyite	$\text{Al}_{11}(\text{PO}_4)_9(\text{OH})_6\cdot 38\text{H}_2\text{O}$	G	1909	Slovakia	<i>Mathematikai és Természettudományi Értesítő</i> <b>27</b> (1909), 64	<i>Canadian Mineralogist</i> <b>21</b> (1983), 489
Vasilite	$(\text{Pd},\text{Cu})_{16}(\text{S},\text{Te})_7$	A	1989-044	Bulgaria	<i>Canadian Mineralogist</i> <b>28</b> (1990), 687	<i>Journal of the Less-Common Metals</i> <b>50</b> (1976), 165
Vasilseverginite	$\text{Cu}_9\text{O}_4(\text{AsO}_4)_2(\text{SO}_4)_2$	A	2015-083	Russia	CNMNC Newsletter 28 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1859	
Vasilyevite	$(\text{Hg}_2)^{2+}_{10}\text{O}_6\text{I}_3\text{Br}_2\text{Cl}(\text{CO}_3)$	A	2003-016	USA	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1167	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1173
Västmanlandite-(Ce)	$\text{Ce}_3\text{CaMg}_2\text{Al}_2\text{Si}_5\text{O}_{19}(\text{OH})_2\text{F}$	A	2002-025	Sweden	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 129	
Vaterite	$\text{Ca}(\text{CO}_3)$	A	1962 s.p.	United Kingdom	<i>Verhandlungen der Gesellschaft Deutscher Naturforscher und Ärzte</i> <b>82</b> (1911), 120	<i>Science</i> <b>340</b> (2013), 454
Vaughanite	$\text{TiHgSb}_4\text{S}_7$	A	1987-055	Canada	<i>Mineralogical Magazine</i> <b>53</b> (1989), 79	
Vauquelinite	$\text{CuPb}_2(\text{CrO}_4)(\text{PO}_4)(\text{OH})$	G	1818	Russia	<i>Afhandlingar i Fysik, Kemi och Mineralogi</i> <b>6</b> (1818), 246	<i>Zeitschrift für Kristallographie</i> <b>126</b> (1968), 433
Vauxite	$\text{Fe}^{2+}\text{Al}_2(\text{PO}_4)_2(\text{OH})_2\cdot 6\text{H}_2\text{O}$	G	1922	Bolivia	<i>Science</i> <b>56</b> (1922), 50	<i>Canadian Mineralogist</i> <b>54</b> (2016), 163
Vavřinite	$\text{Ni}_2\text{SbTe}_2$	A	2005-045	Czech Republic	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1213	

Väyrynenite	$\text{BeMn}^{2+}(\text{PO}_4)(\text{OH})$	G	1954	Finland	<i>Anzeiger der Österreichischen Akademie der Wissenschaften Mathematisch-Natur Wissenschaftliche Klasse 2</i> (1954), 21	<i>Canadian Mineralogist 38</i> (2000), 1425
Veatchite	$\text{Sr}_2\text{B}_{11}\text{O}_{16}(\text{OH})_5 \cdot \text{H}_2\text{O}$	A	1938	USA	<i>American Mineralogist 23</i> (1938), 409	<i>American Mineralogist 97</i> (2012), 489
Veblenite	$\text{K}_2\text{Na}(\text{Fe}^{2+}_5\text{Fe}^{3+}_4\text{Mn}_7)\text{Nb}_3\text{Ti}(\text{Si}_2\text{O}_7)_2(\text{Si}_6\text{O}_{22})_2\text{O}_6(\text{OH})_{10}(\text{H}_2\text{O})_3$	A	2010-050	Canada	<i>Mineralogical Magazine 77</i> (2013), 2955	
Veenite	$\text{Pb}_2(\text{Sb,As})_2\text{S}_5$	A	1966-016	Canada	<i>Canadian Mineralogist 9</i> (1967), 7	
Velikite	$\text{Cu}_2\text{HgSnS}_4$	A	1996-052	Kyrgyzstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva 126(4)</i> (1997), 71	<i>Soviet Physics - Crystallography 22</i> (1977), 99
Vendidaite	$\text{Al}_2(\text{SO}_4)(\text{OH})_3\text{Cl} \cdot 6\text{H}_2\text{O}$	A	2012-089	Chile	<i>Canadian Mineralogist 51</i> (2013), 559	
Verbeekite	$\text{PdSe}_2$	A	2001-005	Democratic Republic of the Congo	<i>Mineralogical Magazine 66</i> (2002), 173	
Verbierite	$\text{BeCr}^{3+}_2\text{TiO}_6$	A	2015-089	Switzerland	CNMNC Newsletter 30 - <i>Mineralogical Magazine 80</i> (2016), 407	
Vergasovaite	$\text{Cu}_3\text{O}(\text{MoO}_4)(\text{SO}_4)$	A	1998-009	Russia	<i>Schweizerische Mineralogische und Petrographische Mitteilungen 78</i> (1998), 479	<i>European Journal of Mineralogy 11</i> (1999), 101
Vermiculite	$\text{Mg}_{0.7}(\text{Mg,Fe,Al})_6(\text{Si,Al})_8\text{O}_{20}(\text{OH})_4 \cdot 8\text{H}_2\text{O}$	G	1824	USA	<i>American Journal of Science and Arts 7</i> (1824), 55	<i>American Mineralogist 51</i> (1966), 1124
Vernadite	$(\text{Mn,Fe,Ca,Na})(\text{O,OH})_2 \cdot n\text{H}_2\text{O}$	Q	1944	Russia	<i>Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya 4</i> (1944), 35	<i>Mineralium Deposita 15</i> (1980), 251
Verneite	$\text{Na}_2\text{Ca}_3\text{Al}_2\text{F}_{14}$	A	2016-112	Italy	CNMNC Newsletter 36 - <i>Mineralogical Magazine 81</i> (2017), 403; <i>European Journal of Mineralogy 29</i> (2017), 339	
Verplanckite	$\text{Ba}_4\text{Mn}^{2+}_2\text{Si}_4\text{O}_{12}(\text{OH,H}_2\text{O})_3\text{Cl}_3$	A	1964-011	USA	<i>American Mineralogist 50</i> (1965), 314	<i>Acta Crystallographica B29</i> (1973), 2019
Versiliaite	$(\text{Fe}^{2+}_2\text{Fe}^{3+}_2)(\text{Fe}^{3+}_2\text{Sb}^{3+}_6)\text{O}_{16}\text{S}$	A	1978-068	Italy	<i>American Mineralogist 64</i> (1979), 1230	<i>American Mineralogist 64</i> (1979), 1235
Vertumnite	$\text{Ca}_4\text{Al}_4\text{Si}_4\text{O}_6(\text{OH})_{24} \cdot 3\text{H}_2\text{O}$	A	1975-043	Italy	<i>Tschermaks Mineralogische und Petrographische Mitteilungen 24</i> (1977), 57	<i>Tschermaks Mineralogische und Petrographische Mitteilungen 25</i> (1978), 33
Veselovskýite	$\text{ZnCu}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 9\text{H}_2\text{O}$	A	2005-053	Czech Republic	<i>Neues Jahrbuch für Mineralogie Abhandlungen 187</i> (2010), 83	
Vésigniéite	$\text{Cu}_3\text{Ba}(\text{VO}_4)_2(\text{OH})_2$	G	1955	Germany	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences de Paris 240</i> (1955), 2331	<i>Acta Geologica Sinica 4</i> (1991), 145
Vesuvianite	$(\text{Ca,Na})_{19}(\text{Al,Mg,Fe})_{13}(\text{SiO}_4)_{10}(\text{Si}_2\text{O}_7)_4(\text{OH,F,O})_{10}$	A	1962 s.p.	Italy	Beiträge zur Chemischen Kenntniss der Mineralkörper, Vol. 1. Decker, Berlin (1795), 34	<i>Canadian Mineralogist 54</i> (2016), 1525
Veszelyite	$(\text{Cu,Zn})_2\text{Zn}(\text{PO}_4)(\text{OH})_3 \cdot 2\text{H}_2\text{O}$	G	1874	Romania	<i>Anzeiger der Kaiserlichen Akademie der Wissenschaften 11</i> (1874), 135	<i>American Mineralogist 98</i> (2013), 1261
Viaeneite	$(\text{Fe,Pb})_4\text{S}_8\text{O}$	A	1993-051	Belgium	<i>European Journal of Mineralogy 8</i> (1996), 93	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1995), 433
Vicanite-(Ce)	$(\text{Ca,Ce,La,Th})_{15}\text{As}^{5+}(\text{As}^{3+},\text{Na})_{0.5}\text{Fe}^{3+}_{0.7}\text{Si}_6\text{B}_4(\text{O,F})_{47}$	A	1991-050	Italy	<i>European Journal of Mineralogy 7</i> (1995), 439	<i>American Mineralogist 87</i> (2002), 1139
Vigezzite	$(\text{Ca,Ce})(\text{Nb,Ta,Ti})_2\text{O}_6$	A	1977-008	Italy	<i>Mineralogical Magazine 43</i> (1979), 459	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 301

Vigrishinite	$Zn_2Ti_{4-x}(Si_2O_7)_2O_2(OH,F,O)_2(H_2O,OH,\square)_4$ ( $x < 1$ )	Rd	2011-073	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(4)</b> (2012), 12	<i>European Journal of Mineralogy</i> <b>27</b> (2015), 669
Vihorlatite	$Bi_{24}Se_{17}Te_4$	A	1988-047	Slovakia	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 255	
Viitaniemiite	$NaCaAl(PO_4)F_3$	A	1977-043	Finland	<i>Bulletin of the Geological Society of Finland</i> <b>314</b> (1981), 1	<i>American Mineralogist</i> <b>69</b> (1984), 961
Vikingite	$Ag_5Pb_8Bi_{13}S_{30}$	A	1976-006	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>131</b> (1977), 56	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 454
Villamaninite	$CuS_2$	Rd	1989 s.p.	Spain	<i>Mineralogical Magazine</i> <b>19</b> (1920), 14	<i>American Mineralogist</i> <b>64</b> (1979), 1265
Villiamite	$NaF$	G	1908	Guinea	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences de Paris</i> <b>146</b> (1908), 213	<i>Acta Crystallographica</i> <b>14</b> (1961), 794
Villyaellenite	$(Mn,Ca)Mn_2Ca_2(AsO_3OH)_2(AsO_4)_2 \cdot 4H_2O$	A	1983-008a	France	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>64</b> (1984), 323	<i>American Mineralogist</i> <b>73</b> (1988), 1172
Vimsite	$CaB_2O_2(OH)_4$	A	1968-034	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>182</b> (1968), 1402	<i>Kristallografiya</i> <b>21</b> (1976), 592
Vincentite	$Pd_3As$	A	1973-051	Indonesia	<i>Mineralogical Magazine</i> <b>39</b> (1974), 525	<i>Canadian Mineralogist</i> <b>40</b> (2002), 457
Vinciennite	$Cu_{10}Fe_4SnAsS_{16}$	A	1983-031	France	<i>Bulletin de Minéralogie</i> <b>108</b> (1985), 447	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1501
Vinogradovite	$Na_4Ti_4(Si_2O_6)_2[(Si,Al)_4O_{10}]O_4 \cdot (H_2O,Na,K)_3$	G	1956	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>109</b> (1956), 617	<i>Zeitschrift für Kristallographie</i> <b>200</b> (1992), 237
Violarite	$FeNi_2S_4$	G	1924	Canada	<i>Economic Geology</i> <b>19</b> (1924), 309	<i>American Mineralogist</i> <b>91</b> (2006), 1442
Virgilite	$LiAlSi_2O_6$	A	1977-009	Peru	<i>American Mineralogist</i> <b>63</b> (1978), 461	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 493
Vishnevitite	$Na_8(Al_6Si_6)O_{24}(SO_4) \cdot 2H_2O$	G	1944	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>42</b> (1944), 304	<i>American Mineralogist</i> <b>92</b> (2007), 713
Vismirnovite	$ZnSn(OH)_6$	A	1980-029	Tajikistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>1105</b> (1981), 492	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>90</b> (1967), 32
Vistepite	$Mn_4SnB_2O_2(Si_2O_7)_2(OH)_2$	A	1991-012	Kyrgyzstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(4)</b> (1992), 107	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1283
Vitimite	$Ca_6B_{14}O_{19}(SO_4)(OH)_{14} \cdot 5H_2O$	A	2001-057	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(4)</b> (2002), 41	
Vitusite-(Ce)	$Na_3Ce(PO_4)_2$	A	1976-055	Denmark (Greenland) / Russia	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>137</b> (1979), 42	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 49
Vivianite	$Fe^{2+}_3(PO_4)_2 \cdot 8H_2O$	G	1817	United Kingdom	Letztes Mineral-System. Craz und Gerlach - Gerold, Freiberg und Wien (1817), 41	<i>Zeitschrift für Analytische Chemie</i> <b>333</b> (1989), 401
Vladimirite	$Ca_4(AsO_4)_2(AsO_3OH) \cdot 4H_2O$	Rd	1964 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>82</b> (1953), 311	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1055
Vladimirivanovite	$Na_6Ca_2[Al_6Si_6O_{24}](SO_4,S_3,S_2,Cl)_2 \cdot H_2O$	A	2010-070	Russia / Tajikistan	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140(5)</b> (2011), 36	
Vladkrivovichevite	$[Pb_{32}O_{18}][Pb_4Mn_2O]Cl_{14}(BO_3)_8 \cdot 2H_2O$	A	2011-020	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 883	<i>American Mineralogist</i> <b>98</b> (2013), 256
Vladykinite	$Na_3Sr_4(Fe^{2+}Fe^{3+})Si_8O_{24}$	A	2011-052	Russia	<i>American Mineralogist</i> <b>99</b> (2014), 235	

Vlasovite	$\text{Na}_2\text{ZrSi}_4\text{O}_{11}$	A	1967 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>137</b> (1961), 944	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1349
Vlodavetsite	$\text{Ca}_2\text{Al}(\text{SO}_4)_2\text{F}_2\text{Cl}\cdot 4\text{H}_2\text{O}$	A	1993-023	Russia	<i>Doklady Akademii Nauk</i> <b>343</b> (1995), 358	<i>Mineralogical Magazine</i> <b>59</b> (1995), 159
Vochtenite	$\text{Fe}^{2+}\text{Fe}^{3+}(\text{UO}_2)_4(\text{PO}_4)_4(\text{OH})\cdot 12\text{-}13\text{H}_2\text{O}$	A	1987-047	United Kingdom	<i>Mineralogical Magazine</i> <b>53</b> (1989), 473	
Voggite	$\text{Na}_2\text{Zr}(\text{PO}_4)(\text{CO}_3)(\text{OH})\cdot 2\text{H}_2\text{O}$	A	1988-037	Canada	<i>Canadian Mineralogist</i> <b>28</b> (1990), 155	<i>Mineralogical Magazine</i> <b>54</b> (1990), 495
Voglite	$\text{Ca}_2\text{Cu}(\text{UO}_2)(\text{CO}_3)_4\cdot 6\text{H}_2\text{O}$	G	1853	Czech Republic	<i>Jahrbuch der Kaiserlich-Königlichen Geologischen Reichsanstalt</i> <b>4</b> (1853), 220	<i>Journal of Applied Crystallography</i> <b>12</b> (1979), 616
Volaschioite	$\text{Fe}_4(\text{SO}_4)\text{O}_2(\text{OH})_6\cdot 2\text{H}_2\text{O}$	A	2010-005	Italy	<i>Canadian Mineralogist</i> <b>49</b> (2011), 605	
Volborthite	$\text{Cu}_3\text{V}_2\text{O}_7(\text{OH})_2\cdot 2\text{H}_2\text{O}$	A	1968 s.p.	Russia	<i>Bulletin Scientifique publié par L'Académie Impériale des Sciences de Saint-Petersbourg</i> <b>4</b> (1838), 21	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 385
Volkonskoite	$\text{Ca}_{0.3}(\text{Cr,Mg})_2(\text{Si,Al})_4\text{O}_{10}(\text{OH})_2\cdot 4\text{H}_2\text{O}$	Rd	1987 s.p.	Russia	<i>Neues Jahrbuch für Mineralogie, Geognosie, Geologie und Petrefaktenkunde</i> <b>2</b> (1831), 420	<i>Clays and Clay Minerals</i> <b>35</b> (1987), 139
Volkovskite	$\text{KCa}_4\text{B}_{22}\text{O}_{32}(\text{OH})_{10}\text{Cl}\cdot 4\text{H}_2\text{O}$	A	1968 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>95</b> (1966), 45	<i>Canadian Mineralogist</i> <b>51</b> (2013), 157
Voloshinite	$\text{Rb}(\text{LiAl}_{1.5}\square_{0.5})(\text{Al}_{0.5}\text{Si}_{3.5})\text{O}_{10}\text{F}_2$	A	2007-052	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(3)</b> (2009), 90	
Voltaite	$\text{K}_2\text{Fe}^{2+}_5\text{Fe}^{3+}_3\text{Al}(\text{SO}_4)_{12}\cdot 18\text{H}_2\text{O}$	G	1841	Italy	<i>Antologia di Scienze Naturali di Napoli</i> <b>1</b> (1841), 67	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>18</b> (1972), 185
Volynskite	$\text{AgBiTe}_2$	A	1968 s.p.	Armenia	<i>Akademii Nauk SSSR, Eksperimentalno Metodicheskie Issledovaniia Rudnykh Mineralov</i> (1965), 129	<i>American Mineralogist</i> <b>76</b> (1991), 257
Vonbezingite	$\text{Ca}_6\text{Cu}_3(\text{SO}_4)_3(\text{OH})_{12}\cdot 2\text{H}_2\text{O}$	A	1991-031	South Africa	<i>American Mineralogist</i> <b>77</b> (1992), 1292	
Vondechenite	$\text{Cu}_4\text{CaCl}_2(\text{OH})_8\cdot 4\text{H}_2\text{O}$	A	2016-065	Germany	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Vonsenite	$\text{Fe}^{2+}_2\text{Fe}^{3+}\text{O}_2(\text{BO}_3)$	G	1920	USA	<i>American Mineralogist</i> <b>5</b> (1920), 141	<i>American Mineralogist</i> <b>68</b> (1983), 827
Vorlanite	$\text{CaUO}_4$	A	2009-032	Russia	<i>American Mineralogist</i> <b>96</b> (2011), 188	<i>American Mineralogist</i> <b>98</b> (2013), 518
Voronkovite	$\text{Na}_{15}(\text{Na,Ca,Ce})_3(\text{Mn,Ca})_3\text{Fe}_3\text{Zr}_3\text{Si}_{26}\text{O}_{72}(\text{OH},\text{O})_4\text{Cl}\cdot \text{H}_2\text{O}$	A	2007-023	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(2)</b> (2009), 66	
Vorontsovite	$(\text{Hg}_5\text{Cu})\text{TlAs}_4\text{S}_{12}$	A	2016-076	Russia	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Voudourisite	$\text{Cd}(\text{SO}_4)\cdot \text{H}_2\text{O}$	A	2012-042	Greece	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	<i>Acta Crystallographica</i> <b>E71</b> (2014), i8
Vozhminite	$\text{Ni}_4\text{AsS}_2$	A	1981-040	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 480	
Vránaite	$\text{Al}_{16}\text{B}_4\text{Si}_4\text{O}_{38}$	A	2015-084	Madagascar	<i>American Mineralogist</i> <b>101</b> (2016), 2108	
Vrbaite	$\text{Hg}_3\text{Tl}_4\text{As}_8\text{Sb}_2\text{S}_{20}$	G	1912	Macedonia	<i>Zeitschrift für Kristallographie</i> <b>51</b> (1912), 365	<i>Zeitschrift für Kristallographie</i> <b>134</b> (1961), 360
Vuagnatite	$\text{CaAlSiO}_4(\text{OH})$	A	1975-007	Turkey	<i>American Mineralogist</i> <b>61</b> (1976), 825	<i>American Mineralogist</i> <b>61</b> (1976), 831
Vulcanite	$\text{CuTe}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>46</b> (1961), 258	<i>Mineralogy and Petrology</i> <b>71</b> (2001), 149

Vuonnemite	$\text{Na}_6\text{Na}_2\text{Nb}_2\text{Na}_3\text{Ti}(\text{Si}_2\text{O}_7)_2(\text{PO}_4)_2\text{O}_2(\text{OF})$	Rd	1973-015	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 423	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1311
Vuorelainenite	$\text{Mn}^{2+}\text{V}^{3+}_2\text{O}_4$	A	1980-048	Sweden	<i>Canadian Mineralogist</i> <b>20</b> (1982), 281	
Vuoriyarvite-K	$(\text{K}, \text{Na}, \square)_{12}\text{Nb}_8(\text{Si}_4\text{O}_{12})_4\text{O}_8 \cdot 12\text{-}16\text{H}_2\text{O}$	Rn	1995-031	Russia	<i>Doklady Earth Sciences</i> <b>358</b> (1998), 73	<i>Crystallography Reports</i> <b>43</b> (1998), 820
Vurroite	$\text{Pb}_{20}\text{Sn}_2(\text{Bi}, \text{As})_{22}\text{S}_{54}\text{Cl}_6$	A	2003-027	Italy	<i>Canadian Mineralogist</i> <b>43</b> (2005), 703	<i>American Mineralogist</i> <b>93</b> (2008), 713
Vyacheslavite	$\text{U}^{4+}(\text{PO}_4)(\text{OH}) \cdot 2.5\text{H}_2\text{O}$	A	1983-017	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 360	
Vyalsovite	$\text{CaFeAlS}(\text{OH})_5$	A	1989-004	Russia	<i>American Mineralogist</i> <b>77</b> (1992), 201	
Vymazalováite	$\text{Pd}_3\text{Bi}_2\text{S}_2$	A	2016-105	Russia	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Vysokýite	$\text{U}^{4+}[\text{AsO}_2(\text{OH})_2]_4 \cdot 4\text{H}_2\text{O}$	A	2012-067	Czech Republic	<i>Mineralogical Magazine</i> <b>77</b> (2013), 3055	
Vysotskite	$(\text{Pd}, \text{Ni})\text{S}$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 718	<i>Acta Crystallographica</i> <b>C41</b> (1985), 1829
Vyuntspakhkite-(Y)	$\text{Y}(\text{Al}, \text{Si})(\text{SiO}_4)(\text{OH}, \text{O})_2$	A	1982-040	Russia	<i>Mineralogicheskii Zhurnal</i> <b>5</b> (1983), 89	<i>Crystallography Reports</i> <b>54</b> (2009), 822
Wadalite	$\text{Ca}_6\text{Al}_5\text{Si}_2\text{O}_{16}\text{Cl}_3$	A	1987-045	Japan	<i>Acta Crystallographica</i> <b>C49</b> (1993), 205	<i>Bulletin of the Geological Survey of Japan</i> <b>48</b> (1997), 413
Wadeite	$\text{K}_2\text{ZrSi}_3\text{O}_9$	G	1939	Australia	<i>Mineralogical Magazine</i> <b>25</b> (1939), 373	<i>Physics and Chemistry of Minerals</i> <b>32</b> (2005), 426
Wadsleyite	$\text{Mg}_2\text{SiO}_4$	A	1982-012	Canada (meteorite)	<i>Canadian Mineralogist</i> <b>21</b> (1983), 29	<i>Physics of the Earth and Planetary Interiors</i> <b>189</b> (2011), 56
Wagnerite	$\text{Mg}_2(\text{PO}_4)\text{F}$	Rd	2003 s.p.	Austria	<i>Journal für Chemie und Physik</i> <b>33</b> (1821), 269	<i>Canadian Mineralogist</i> <b>41</b> (2003), 393
Waimirite-(Y)	$\text{YF}_3$	A	2013-108	Brazil	<i>Mineralogical Magazine</i> <b>79</b> (2015), 767	
Wairakite	$\text{Ca}(\text{Si}_4\text{Al}_2)\text{O}_{12} \cdot 2\text{H}_2\text{O}$	A	1997 s.p.	New Zealand	<i>Mineralogical Magazine</i> <b>30</b> (1955), 691	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 475
Wairauite	$\text{CoFe}$	A	1964-015	New Zealand	<i>Mineralogical Magazine</i> <b>33</b> (1964), 942	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Wakabayashilite	$(\text{As}, \text{Sb})_6\text{As}_4\text{S}_{14}$	A	1969-024	Japan	<i>Geological Survey of Japan</i> (1970), 92	<i>Mineralogical Magazine</i> <b>78</b> (2014), 693
Wakefieldite-(Ce)	$\text{CeVO}_4$	Rn	1976-xxx?	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>100</b> (1977), 39	<i>Bulletin de Minéralogie</i> <b>110</b> (1987), 657
Wakefieldite-(La)	$\text{LaVO}_4$	A	1989-035a	Germany	<i>European Journal of Mineralogy</i> <b>20</b> (2008) 1135	
Wakefieldite-(Nd)	$\text{NdVO}_4$	A	2008-031	Japan	<i>Resource Geology</i> <b>61</b> (2011), 101	
Wakefieldite-(Y)	$\text{YVO}_4$	Rn	1969-012	Canada	<i>American Mineralogist</i> <b>56</b> (1971), 395	<i>Rendiconti Lincei, Scienze Fisiche e Naturali</i> <b>22</b> (2011), 307
Walentaite	$\text{H}_2\text{Ca}_2\text{Fe}^{3+}_6(\text{AsO}_4)_5(\text{PO}_4)_3 \cdot 14\text{H}_2\text{O}$	A	1983-047	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 169	
Walfordite	$(\text{Fe}^{3+}, \text{Te}^{6+}, \text{Ti}^{4+}, \text{Mg})\text{Te}^{4+}_3\text{O}_8$	A	1996-003	Chile	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1261	
Walkerite	$\text{Ca}_{16}(\text{Mg}, \text{Li})_2[\text{B}_{13}\text{O}_{17}(\text{OH})_{12}]_4\text{Cl}_6 \cdot 28\text{H}_2\text{O}$	A	2001-051	Canada	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1675	
Wallisite	$\text{CuPbTlAs}_2\text{S}_5$	A	1971 s.p.	Switzerland	<i>Eclogae Geologicae Helveticae</i> <b>58</b> (1965), 403	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2003), 396
Walkkilldellite	$\text{Ca}_2\text{Mn}^{2+}_3(\text{AsO}_4)_2(\text{OH})_4 \cdot 9\text{H}_2\text{O}$	A	1982-084	USA	<i>American Mineralogist</i> <b>68</b> (1983), 1029	
Walkkilldellite-(Fe)	$\text{Ca}_2\text{Fe}^{2+}_3(\text{AsO}_4)_2(\text{OH})_4 \cdot 9\text{H}_2\text{O}$	A	1997-032	France	<i>Rivière Scientifique</i> (1999), 5	



Walpurgite	$\text{Bi}_4\text{O}_4(\text{UO}_2)(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	G	1871	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1871), 869	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>30</b> (1982), 129
Walstromite	$\text{BaCa}_2\text{Si}_3\text{O}_9$	A	1964-009	USA	<i>American Mineralogist</i> <b>50</b> (1965), 314	<i>American Mineralogist</i> <b>53</b> (1968), 9
Walthierite	$\text{Ba}_{0.5}\text{Al}_3(\text{SO}_4)_2(\text{OH})_6$	A	1991-008	Chile	<i>American Mineralogist</i> <b>77</b> (1992), 1275	
Wampenite	$\text{C}_{18}\text{H}_{16}$	A	2015-061	Germany	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 511	
Wangdaodeite	$\text{FeTiO}_3$	A	2016-007	China	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Wardite	$\text{NaAl}_3(\text{PO}_4)_2(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	G	1896	USA	<i>American Journal of Science</i> <b>152</b> (1896), 154	<i>Mineralogical Magazine</i> <b>37</b> (1970), 598
Wardsmithite	$\text{Ca}_5\text{Mg}(\text{B}_4\text{O}_7)_6 \cdot 30\text{H}_2\text{O}$	A	1967-030	USA	<i>American Mineralogist</i> <b>55</b> (1970), 349	
Warikahnite	$\text{Zn}_3(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1978-038	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1979), 389	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>27</b> (1980), 187
Warkite	$\text{Ca}_2\text{Sc}_6\text{Al}_6\text{O}_{20}$	A	2013-129	Australia (meteorite) / Italy (meteorite)	CNMNC Newsletter 20 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 549	
Warwickite	$(\text{Mg}, \text{Ti}, \text{Fe}, \text{Cr}, \text{Al})_2\text{O}(\text{BO}_3)$	G	1838	USA	<i>American Journal of Science and Arts</i> <b>34</b> (1838), 313	<i>American Mineralogist</i> <b>59</b> (1974), 985
Wassonite	TiS	A	2010-074	Antarctica	<i>American Mineralogist</i> <b>97</b> (2012), 807	
Watanabeite	$\text{Cu}_4(\text{As}, \text{Sb})_2\text{S}_5$	A	1991-025	Japan	<i>Mineralogical Magazine</i> <b>57</b> (1993), 643	
Watatsumiite	$\text{LiNa}_2\text{KMn}_2\text{V}_2\text{Si}_8\text{O}_{24}$	A	2001-043	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>98</b> (2003), 142	
Waterhouseite	$\text{Mn}_7(\text{PO}_4)_2(\text{OH})_8$	A	2004-035	Australia	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1401	
Watkinsonite	$\text{PbCu}_2\text{Bi}_4(\text{Se}, \text{S})_8$	A	1985-024	Canada	<i>Canadian Mineralogist</i> <b>25</b> (1987), 625	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1109
Wattersite	$\text{Hg}^{1+}_4\text{Hg}^{2+}\text{O}_2(\text{CrO}_4)$	A	1987-030	USA	<i>Mineralogical Record</i> <b>22</b> (1991), 269	<i>Canadian Mineralogist</i> <b>33</b> (1995), 41
Wattevilleite	$\text{Na}_2\text{Ca}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$ (?)	Q	1879	Germany	Beitraege zur Kenntniss der am Bauersberge bei Bischofsheim vor der Rhön vorkommenden Sulfate. Würzburg (1879), 18	<i>Australian Journal of Mineralogy</i> <b>13</b> (2007), 41
Wavellite	$\text{Al}_3(\text{PO}_4)_2(\text{OH})_3 \cdot 5\text{H}_2\text{O}$	A	1971 s.p.	United Kingdom	<i>Philosophical Transactions of the Royal Society of London</i> (1805), 162	<i>Zeitschrift für Kristallographie</i> <b>127</b> (1968), 21
Wawayandaite	$\text{Ca}_6\text{Be}_9\text{Mn}^{2+}_2\text{BSi}_6\text{O}_{23}(\text{OH}, \text{Cl})_{15}$	A	1988-043	USA	<i>American Mineralogist</i> <b>75</b> (1990), 405	
Waylandite	$\text{BiAl}_3(\text{PO}_4)_2(\text{OH})_6$	A	1962-003	Uganda	<i>Geological Society of America Special Paper</i> <b>73</b> (1963), 256A	<i>Mineralogy and Petrology</i> <b>100</b> (2010), 249
Wayneburnhamite	$\text{Pb}_9\text{Ca}_6(\text{Si}_2\text{O}_7)_3(\text{SiO}_4)_3$	A	2015-124	USA	<i>American Mineralogist</i> <b>101</b> (2016), 2423	
Weberite	$\text{Na}_2\text{MgAlF}_7$	G	1938	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>119</b> (1938), 1	<i>Journal of Solid State Chemistry</i> <b>43</b> (1982), 213
Weddellite	$\text{Ca}(\text{C}_2\text{O}_4) \cdot 2\text{H}_2\text{O}$	G	1942	Antarctica	<i>Science</i> <b>95</b> (1942), 431	<i>American Mineralogist</i> <b>99</b> (2014), 2
Weeksite	$(\text{K})_2(\text{UO}_2)_2(\text{Si}_5\text{O}_{13}) \cdot 4\text{H}_2\text{O}$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>45</b> (1960), 39	<i>American Mineralogist</i> <b>97</b> (2012), 750
Wegscheiderite	$\text{Na}_5\text{H}_3(\text{CO}_3)_4$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>48</b> (1963), 800	<i>Acta Crystallographica</i> <b>B46</b> (1990), 466
Weibullite	$\text{Ag}_{0.33}\text{Pb}_{5.33}\text{Bi}_{8.33}(\text{S}, \text{Se})_{18}$	Rd	1980 s.p.	Sweden	<i>Arkiv för Kemi, Mineralogi och Geologi</i> <b>3</b> (1910), 4	<i>Canadian Mineralogist</i> <b>18</b> (1980), 1
Weilerite	$\text{BaAl}_3(\text{SO}_4)(\text{AsO}_4)(\text{OH})_6$	Rd	1987 s.p.	Germany	<i>Jahreshefte des Geologischen Landesamtes in Baden-Württemberg</i> <b>4</b> (1961), 7	<i>American Mineralogist</i> <b>72</b> (1987), 178

Weilite	Ca(AsO <sub>3</sub> OH)	A	1963-006	France / Germany	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>86</b> (1963), 368	<i>Acta Crystallographica</i> <b>B26</b> (1970), 403
Weinebeneite	CaBe <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	A	1990-049	Austria	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 1275	
Weishanite	(Au,Ag) <sub>1.2</sub> Hg <sub>0.8</sub>	A	1982-076	China	<i>Acta Mineralogica Sinica</i> <b>4</b> (1984), 102	<i>Journal of the Less-Common Metals</i> <b>13</b> (1967), 1
Weissbergite	TlSbS <sub>2</sub>	A	1975-040	USA	<i>American Mineralogist</i> <b>63</b> (1978), 720	<i>Acta Crystallographica</i> <b>C39</b> (1983), 971
Weissite	Cu <sub>2-x</sub> Te	G	1927	USA	<i>American Journal of Science</i> <b>13</b> (1927), 345	<i>Mineralogical Magazine</i> <b>77</b> (2013), 475
Welinite	Mn <sup>2+</sup> <sub>6</sub> (W <sup>6+</sup> ,Mg) <sub>2</sub> (SiO <sub>4</sub> ) <sub>2</sub> (O,OH) <sub>6</sub>	Rd	1966-002	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>4</b> (1967), 407	<i>American Mineralogist</i> <b>71</b> (1986), 1522
Weloganite	Na <sub>2</sub> Sr <sub>3</sub> Zr(CO <sub>3</sub> ) <sub>6</sub> ·3H <sub>2</sub> O	A	1967-042	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1968), 468	<i>Canadian Mineralogist</i> <b>13</b> (1975), 209
Welshite	Ca <sub>4</sub> [Mg <sub>9</sub> Sb <sup>5+</sup> <sub>3</sub> O <sub>4</sub> [Si <sub>6</sub> Be <sub>3</sub> AlFe <sup>3+</sup> <sub>2</sub> O <sub>36</sub> ]	A	1973-019	Sweden	<i>Mineralogical Magazine</i> <b>42</b> (1978), 129	<i>American Mineralogist</i> <b>92</b> (2007), 80
Wendwilsonite	Ca <sub>2</sub> Mg(AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1985-047	Morocco	<i>American Mineralogist</i> <b>72</b> (1987), 217	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 471
Wenkite	Ba <sub>4</sub> Ca <sub>6</sub> (Si,Al) <sub>20</sub> O <sub>41</sub> (OH) <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> ·H <sub>2</sub> O	A	1967 s.p.	Italy	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>42</b> (1962), 269	<i>Acta Crystallographica</i> <b>B30</b> (1974), 1262
Weringite	Mg <sub>2</sub> Al <sub>14</sub> Si <sub>4</sub> B <sub>4</sub> O <sub>37</sub>	A	1988-023	South Africa	<i>American Mineralogist</i> <b>75</b> (1990), 415	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 577
Wermlandite	Mg <sub>7</sub> Al <sub>2</sub> (OH) <sub>18</sub> [Ca(H <sub>2</sub> O) <sub>6</sub> ](SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	A	1970-007	Sweden	<i>Lithos</i> <b>4</b> (1971), 213	<i>Zeitschrift für Kristallographie</i> <b>168</b> (1984), 133
Wernerbaurite	{(NH <sub>4</sub> ) <sub>2</sub> [Ca <sub>2</sub> (H <sub>2</sub> O) <sub>14</sub> ](H <sub>2</sub> O) <sub>2</sub> }{V <sub>10</sub> O <sub>28</sub> }	Rd	2015 s.p.	USA	<i>Canadian Mineralogist</i> <b>51</b> (2013), 297	<i>Canadian Mineralogist</i> <b>54</b> (2016), 555
Wernerkrauseite	CaFe <sup>3+</sup> <sub>2</sub> Mn <sup>4+</sup> O <sub>6</sub>	A	2014-008	Germany	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 485	
Wesselsite	SrCuSi <sub>4</sub> O <sub>10</sub>	A	1994-055	South Africa	<i>Mineralogical Magazine</i> <b>60</b> (1996), 795	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1769
Westerveldite	FeAs	A	1971-017	Spain	<i>American Mineralogist</i> <b>57</b> (1972), 354	<i>Acta Crystallographica</i> <b>B40</b> (1984), 14
Wetherillite	Na <sub>2</sub> Mg(UO <sub>2</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ·18H <sub>2</sub> O	A	2014-044	USA	<i>Mineralogical Magazine</i> <b>79</b> (2015), 695	
Wheatleyite	Na <sub>2</sub> Cu(C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1984-040	USA	<i>American Mineralogist</i> <b>71</b> (1986), 1240	<i>Acta Crystallographica</i> <b>B36</b> (1980), 2145
Whelanite	Cu <sub>2</sub> Ca <sub>6</sub> [Si <sub>6</sub> O <sub>17</sub> (OH)](CO <sub>3</sub> )(OH) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub>	A	1977-006	USA	<i>American Mineralogist</i> <b>97</b> (2012), 2007	
Wherryite	Pb <sub>7</sub> Cu <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> (SiO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	G	1950	USA	<i>American Mineralogist</i> <b>35</b> (1950), 93	<i>Canadian Mineralogist</i> <b>32</b> (1994), 373
Whewellite	Ca(C <sub>2</sub> O <sub>4</sub> )·H <sub>2</sub> O	A	1967 s.p.	unknown	An Elementary Introduction to Mineralogy. Longmans, London (1852), 523	<i>Mineralogical Magazine</i> <b>69</b> (2005), 77
Whitecapsite	H <sub>16</sub> Fe <sup>2+</sup> <sub>5</sub> Fe <sup>3+</sup> <sub>14</sub> Sb <sup>3+</sup> <sub>6</sub> (AsO <sub>4</sub> ) <sub>18</sub> O <sub>16</sub> ·120H <sub>2</sub> O	A	2012-030	USA	<i>European Journal of Mineralogy</i> <b>26</b> (2014), 577	
Whiteite-(CaFeMg)	CaFe <sup>2+</sup> Mg <sub>2</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	1975-001	Brazil	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	<i>Zeitschrift für Kristallographie</i> <b>226</b> (2011), 731
Whiteite-(CaMgMg)	CaMg <sub>3</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	2016-001	USA	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1513	
Whiteite-(CaMnMg)	CaMn <sup>2+</sup> Mg <sub>2</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	1986-012	USA	<i>Canadian Mineralogist</i> <b>27</b> (1989), 699	
Whiteite-(CaMnMn)	CaMn <sup>2+</sup> Mn <sup>2+</sup> <sub>2</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	2011-002	Germany	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2761	
Whiteite-(MnFeMg)	Mn <sup>2+</sup> Fe <sup>2+</sup> Mg <sub>2</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	1978 s.p.	Brazil	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	
Whiteite-(MnMnMg)	Mn <sup>2+</sup> Mn <sup>2+</sup> Mg <sub>2</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	2015-092	Australia	CNMNC Newsletter 29 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 199	
Whitlockite	Ca <sub>9</sub> Mg(PO <sub>3</sub> OH)(PO <sub>4</sub> ) <sub>6</sub>	G	1941	USA	<i>American Mineralogist</i> <b>26</b> (1941), 145	<i>American Mineralogist</i> <b>93</b> (2008), 1300
Whitmoreite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	A	1974-009	USA	<i>American Mineralogist</i> <b>59</b> (1974), 900	

Wickenburgite	$\text{Pb}_3\text{CaAl}_2\text{Si}_{10}\text{O}_{27}\cdot 4\text{H}_2\text{O}$	A	1968-006	USA	<i>American Mineralogist</i> <b>53</b> (1968), 1433	<i>Canadian Mineralogist</i> <b>32</b> (1994), 525
Wickmanite	$\text{Mn}^{2+}\text{Sn}^{4+}(\text{OH})_6$	A	1965-024	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>4</b> (1967), 395	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1203
Wicksite	$\text{NaCa}_2\text{Fe}^{2+}_2(\text{Fe}^{3+}, \text{Mn}^{2+}, \text{Fe}^{2+})_4(\text{PO}_4)_6\cdot 2\text{H}_2\text{O}$	A	1979-019	Canada	<i>Canadian Mineralogist</i> <b>19</b> (1981), 377	<i>Canadian Mineralogist</i> <b>35</b> (1997), 777
Widenmannite	$\text{Pb}_2(\text{OH})_2[(\text{UO}_2)(\text{CO}_3)_2]$	A	1974-008	Germany	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>56</b> (1976), 167	<i>American Mineralogist</i> <b>99</b> (2014), 276
Widgiemoolthalite	$\text{Ni}_5(\text{CO}_3)_4(\text{OH})_2\cdot 4\text{-5H}_2\text{O}$	A	1992-006	Australia	<i>American Mineralogist</i> <b>78</b> (1993), 819	
Wightmanite	$\text{Mg}_5\text{O}(\text{BO}_3)(\text{OH})_5\cdot 2\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 718	<i>Nature Physical Science</i> <b>236</b> (1972), 25
Wiklundite	$\text{Pb}_2(\text{Mn}^{2+}, \text{Zn})_3(\text{Fe}^{3+}, \text{Mn}^{2+})_2(\text{Mn}^{2+}, \text{Mg})_{19}(\text{As}^{3+}\text{O}_3)_2$ $[(\text{Si}, \text{As}^{5+})\text{O}_4]_6(\text{OH})_{18}\text{Cl}_6$	A	2015-057	Sweden	<i>Mineralogical Magazine</i> <b>81</b> (2017), 841	
Wilancookite	$(\text{Ba}, \text{K}, \text{Na})_8(\text{Ba}, \text{Li}, \square)_6\text{Be}_{24}\text{P}_{24}\text{O}_{96}\cdot 32\text{H}_2\text{O}$	A	2015-034	Brazil	CNMNC Newsletter 27 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 1223	
Wilcoxite	$\text{MgAl}(\text{SO}_4)_2\text{F}\cdot 17\text{H}_2\text{O}$	A	1979-070	USA	<i>Mineralogical Magazine</i> <b>47</b> (1983), 37	<i>Canadian Mineralogist</i> <b>51</b> (2013), 107
Wildenauerite	$\text{Zn}(\text{Fe}^{3+}, \text{Mn}^{2+})_2\text{MnFe}^{3+}(\text{PO}_4)_3(\text{OH})_3(\text{H}_2\text{O})_6\cdot 2\text{H}_2\text{O}$	A	2017-058	Germany	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Wilhelmgümbelite	$[\text{ZnFe}^{2+}\text{Fe}^{3+}_3(\text{PO}_4)_3(\text{OH})_4(\text{H}_2\text{O})_5]\cdot 2\text{H}_2\text{O}$	A	2015-072	Germany	<i>Mineralogical Magazine</i> <b>81</b> (2017), 287	
Wilhelmkleinite	$\text{ZnFe}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2$	A	1997-034	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1998), 558	<i>Zeitschrift für Kristallographie</i> <b>215</b> (2000), 96
Wilhelmramsayite	$\text{Cu}_3\text{FeS}_3\cdot 2\text{H}_2\text{O}$	A	2004-033	Russia	<i>Proceedings of the Russian Mineralogical Society</i> <b>135(1)</b> (2006), 38	
Wilhelmvierlingite	$\text{CaMn}^{2+}\text{Fe}^{3+}(\text{PO}_4)_2(\text{OH})\cdot 2\text{H}_2\text{O}$	A	1982-025	Germany	<i>Aufschluss</i> <b>34</b> (1983), 267	
Wilkinsonite	$\text{Na}_4[\text{Fe}^{2+}_8\text{Fe}^{3+}_4]\text{O}_4[\text{Si}_{12}\text{O}_{36}]$	A	1988-053	Australia	<i>American Mineralogist</i> <b>75</b> (1990), 694	<i>Acta Crystallographica</i> <b>E63</b> (2007), i122
Wilkmanite	$\text{Ni}_3\text{Se}_4$	A	1967 s.p.	Finland	<i>Comptes Rendus de la Société Géologique de Finlande</i> <b>36</b> (1964), 113	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>94</b> (1960), 1147
Willemite	$\text{Zn}_2\text{SiO}_4$	G	1830	Belgium	<i>Jahrbuch für Mineralogie, Geognosie, Geologie und Petrefaktenkunde</i> <b>1</b> (1830), 71	<i>Acta Crystallographica</i> <b>B34</b> (1978), 3324
Willemseite	$\text{Ni}_3\text{Si}_4\text{O}_{10}(\text{OH})_2$	A	1971 s.p.	South Africa	<i>National Institute for Metallurgy, Research Report</i> <b>352</b> (1968), 1	
Willhendersonite	$\text{KCa}(\text{Si}_3\text{Al}_3)\text{O}_{12}\cdot 5\text{H}_2\text{O}$	A	1981-030	Italy	<i>American Mineralogist</i> <b>69</b> (1984), 186	<i>Zeolites</i> <b>19</b> (1997), 75
Willyamite	$\text{CoSbS}$	Rd	1970 s.p.	Australia	<i>Proceedings of the Royal Society of New South Wales</i> <b>27</b> (1893), 366	<i>Proceedings of the Australasian Institute of Mining and Metallurgy</i> <b>233</b> (1970), 95
Wiluite	$\text{Ca}_{19}(\text{Al}, \text{Mg})_{13}(\text{B}, \square, \text{Al})_5(\text{SiO}_4)_{10}(\text{Si}_2\text{O}_7)_4(\text{O}, \text{OH})_{10}$	A	1997-026	Russia	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1301	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1457
Winchite	$\square(\text{NaCa})(\text{Mg}_4\text{Al})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	India	<i>Transactions of the Mining and Geological Institute of India</i> <b>1</b> (1906), 69	<i>Mineralogical Magazine</i> <b>50</b> (1986), 173
Windhoekite	$\text{Ca}_2\text{Fe}^{3+}_{3-x}[\text{Si}_8\text{O}_{20}](\text{OH})_4\cdot 10\text{H}_2\text{O}$	A	2010-083	Namibia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 171	
Winstanleyite	$\text{TiTe}^{4+}_3\text{O}_8$	A	1979-001	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 453	<i>Canadian Mineralogist</i> <b>41</b> (2004), 1469
Wiserite	$\text{Mn}^{2+}_{14}(\text{B}_2\text{O}_5)_4(\text{OH})_8\cdot (\text{Si}, \text{Mg})(\text{O}, \text{OH})_4\text{Cl}$	G	1845	Switzerland	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 493	<i>American Mineralogist</i> <b>74</b> (1989), 1351
Witherite	$\text{Ba}(\text{CO}_3)$	G	1789	United Kingdom	<i>Bergmannisches Journal</i> <b>1</b> (1789), 369	<i>Physics and Chemistry of Minerals</i> <b>34</b> (2007), 573

Wittichenite	$\text{Cu}_3\text{BiS}_3$	G	1853	Germany	Das Mohs'sche Mineralsystem, dem gegenwärtigen Standpunkte der Wissenschaft gemäss bearbeitet. Gerold, Wien (1853), 118	<i>Acta Crystallographica</i> <b>B29</b> (1973), 2528
Wittite	$\text{Pb}_8\text{Bi}_{10}(\text{S,Se})_{23}$	Q	1924	Sweden	<i>Arkiv för Kemi, Mineralogi och Geologi</i> <b>9</b> (1924), 2	<i>American Mineralogist</i> <b>65</b> (1980), 789
Witzkeite	$\text{Na}_4\text{K}_4\text{Ca}(\text{NO}_3)_2(\text{SO}_4)_4 \cdot 2\text{H}_2\text{O}$	A	2011-084	Chile	<i>American Mineralogist</i> <b>97</b> (2012), 1783	
Wodginite	$\text{Mn}^{2+}\text{Sn}^{4+}\text{Ta}_2\text{O}_8$	A	1967 s.p.	Australia	<i>Canadian Mineralogist</i> <b>7</b> (1963), 390	<i>Canadian Mineralogist</i> <b>30</b> (1992), 597
Wöhlerite	$\text{Na}_2\text{Ca}_4\text{Zr}(\text{Nb,Ti})(\text{Si}_2\text{O}_7)_2(\text{O,F})_4$	G	1843	Norway	<i>Annalen der Physik und Chemie</i> <b>59</b> (1843), 327	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>26</b> (1979), 109
Wolfeite	$\text{Fe}^{2+}_2(\text{PO}_4)(\text{OH})$	G	1949	USA	<i>American Mineralogist</i> <b>34</b> (1949), 692	<i>Acta Crystallographica</i> <b>C63</b> (2007), i119
Wollastonite	$\text{CaSiO}_3$	A	1962 s.p.	Romania	<i>Nouveau Dictionnaire d'Histoire Naturelle</i> <b>20</b> (1818), 28	<i>Zeitschrift für Kristallographie</i> <b>168</b> (1984), 93
Wölsendorfite	$\text{Pb}_7(\text{UO}_2)_{14}\text{O}_{19}(\text{OH})_4 \cdot 12\text{H}_2\text{O}$	G	1957	Germany	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>244</b> (1957), 2942	<i>American Mineralogist</i> <b>84</b> (1999), 1661
Wonesite	$(\text{Na,K},\square)(\text{Mg,Fe,Al})_6(\text{Si,Al})_8\text{O}_{20}(\text{OH,F})_4$	A	1979-007a	USA	<i>American Mineralogist</i> <b>66</b> (1981), 100	<i>American Mineralogist</i> <b>90</b> (2005), 725
Woodallite	$\text{Mg}_6\text{Cr}_2(\text{OH})_{16}\text{Cl}_2 \cdot 4\text{H}_2\text{O}$	A	2000-042	Australia	<i>Mineralogical Magazine</i> <b>65</b> (2001), 427	
Woodhouseite	$\text{CaAl}_3(\text{SO}_4)(\text{PO}_4)(\text{OH})_6$	Rd	1987 s.p.	USA	<i>American Mineralogist</i> <b>22</b> (1937), 939	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>185</b> (2009), 313
Woodruffite	$\text{Zn}_2(\text{Mn}^{4+},\text{Mn}^{3+})_5\text{O}_{10} \cdot 4\text{H}_2\text{O}$	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 761	<i>American Mineralogist</i> <b>88</b> (2003), 1697
Woodwardite	$(\text{Cu}_{1-x}\text{Al}_x)(\text{SO}_4)_{x/2}(\text{OH})_{2 \cdot n}\text{H}_2\text{O}$ ( $x < 0.5$ , $n < 3x/2$ )	G	1866	United Kingdom	<i>Journal of the Chemical Society</i> <b>19</b> (1866), 130	<i>Doklady Akademii Nauk SSSR</i> <b>256</b> (1981), 1221
Wooldridgeite	$\text{Na}_2\text{CaCu}^{2+}_2(\text{P}_2\text{O}_7)_2 \cdot 10\text{H}_2\text{O}$	A	1997-037	United Kingdom	<i>Mineralogical Magazine</i> <b>63</b> (1999), 13	<i>Canadian Mineralogist</i> <b>37</b> (1999), 73
Wopmayite	$\text{Ca}_6\text{Na}_3\square\text{Mn}(\text{PO}_4)_3(\text{PO}_3\text{OH})_4$	A	2011-093	Canada	<i>Canadian Mineralogist</i> <b>51</b> (2013), 93	
Wrightite	$\text{K}_2\text{Al}_2\text{O}(\text{AsO}_4)_2$	A	2015-120	Russia	CNMNC Newsletter 31 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 691	
Wroewolfeite	$\text{Cu}_4(\text{SO}_4)(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	A	1973-064	USA	<i>Mineralogical Magazine</i> <b>40</b> (1975), 1	<i>American Mineralogist</i> <b>70</b> (1985), 1050
Wulfenite	$\text{PbMoO}_4$	G	1845	Austria	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 504	<i>Mineralogical Magazine</i> <b>72</b> (2008), 987
Wulfite	$\text{K}_3\text{NaCu}_4\text{O}_2(\text{SO}_4)_4$	A	2013-035	Russia	<i>Canadian Mineralogist</i> <b>52</b> (2014), 699	
Wülfingite	$\text{Zn}(\text{OH})_2$	A	1983-070	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 145	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>631</b> (2005), 1247
Wupatkiite	$\text{CoAl}_2(\text{SO}_4)_4 \cdot 22\text{H}_2\text{O}$	A	1994-019	USA	<i>Mineralogical Magazine</i> <b>59</b> (1995), 553	
Wurtzite	$\text{ZnS}$	G	1861	Bolivia	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>52</b> (1861), 983	<i>Acta Crystallographica</i> <b>C45</b> (1989), 1867
Wüstite	$\text{FeO}$	G	1927	Germany	<i>Zeitschrift für anorganische und allgemeine Chemie</i> <b>166</b> (1927), 113	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1451
Wyartite	$\text{CaU}^{5+}(\text{UO}_2)_2(\text{CO}_3)\text{O}_4(\text{OH}) \cdot 7\text{H}_2\text{O}$	A	1962 s.p.	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>82</b> (1959), 80	<i>American Mineralogist</i> <b>84</b> (1999), 1456
Wycheproofite	$\text{NaAlZr}(\text{PO}_4)_2(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1993-024	Australia	<i>Mineralogical Magazine</i> <b>58</b> (1994), 635	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1029
Wyllieite	$(\text{Na,Ca,Mn}^{2+},\square)_2\text{Mn}^{2+}_2\text{Al}(\text{PO}_4)_3$	A	1972-015	USA	<i>Mineralogical Record</i> <b>4</b> (1973), 131	
Xanthiosite	$\text{Ni}_3(\text{AsO}_4)_2$	Rd	1965 s.p.	Germany	<i>Annales des Mines</i> <b>15</b> (1869), 405	<i>Acta Crystallographica</i> <b>B47</b> (1991), 457
Xanthoconite	$\text{Ag}_3\text{AsS}_3$	G	1840	Germany	<i>Journal für Praktische Chemie</i> <b>20</b> (1840), 67	<i>Acta Crystallographica</i> <b>B24</b> (1968), 77

Xanthoxenite	$\text{Ca}_4\text{Fe}^{3+}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	Rd	1975-004a	USA	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	
Xenophyllite	$\text{Na}_4\text{Fe}_7(\text{PO}_4)_6$	A	2006-006	Ukraine (meteorite)	nyp	
Xenotime-(Y)	$\text{Y}(\text{PO}_4)$	A	1987 s.p.	Norway	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 552	<i>American Mineralogist</i> <b>80</b> (1995), 21
Xenotime-(Yb)	$\text{Yb}(\text{PO}_4)$	A	1998-049	Canada	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1303	<i>American Mineralogist</i> <b>80</b> (1995), 21
Xiangjiangite	$\text{Fe}^{3+}(\text{UO}_2)_4(\text{PO}_4)_2(\text{SO}_4)_2(\text{OH}) \cdot 22\text{H}_2\text{O}$	A	1982 s.p.	China	<i>Scientia Geologica Sinica</i> <b>2</b> (1978), 183	
Xieite	$\text{FeCr}_2\text{O}_4$	A	2007-056	China (meteorite)	<i>Chinese Science Bulletin</i> <b>53</b> (2008), 3341	<i>Geochimica et Cosmochimica Acta</i> <b>67</b> (2003), 3937
Xifengite	$\text{Fe}_5\text{Si}_3$	A	1983-086	China	<i>Acta Petrologica Mineralogica et Analytica</i> <b>3</b> (1984), 231	<i>Nature</i> <b>152</b> (1943), 413
Xilingolite	$\text{Pb}_3\text{Bi}_2\text{S}_6$	A	1982-024	China	<i>Acta Petrologica Mineralogica et Analytica</i> <b>1</b> (1982), 14	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1653
Ximengite	$\text{Bi}(\text{PO}_4)$	A	1985-004	China	<i>Acta Mineralogica Sinica</i> <b>9</b> (1989), 15	<i>Zeitschrift für Kristallographie</i> <b>117</b> (1962), 371
Xingzhongite	$(\text{Pb,Cu,Fe})\text{Ir}_2\text{S}_4$	Q	1980 s.p.	China	<i>Acta Geologica Sinica</i> <b>2</b> (1974), 202	<i>Acta Geologica Sinica</i> <b>4</b> (1978), 326
Xitieshanite	$\text{Fe}^{3+}(\text{SO}_4)\text{Cl} \cdot 6\text{H}_2\text{O}$	A	1982-044	China	<i>Acta Mineralogica Sinica</i> <b>2</b> (1982), 241	<i>Kexue Tongbao</i> <b>33</b> (1988), 502
Xocolatlite	$\text{Ca}_2\text{Mn}^{4+}_2\text{Te}^{6+}_2\text{O}_{12} \cdot \text{H}_2\text{O}$	A	2007-020	Mexico	<i>American Mineralogist</i> <b>93</b> (2008), 1911	
Xocomecatlite	$\text{Cu}_3(\text{Te}^{6+}\text{O}_4)(\text{OH})_4$	A	1974-048	Mexico	<i>Mineralogical Magazine</i> <b>40</b> (1975), 221	
Xonotlite	$\text{Ca}_6\text{Si}_6\text{O}_{17}(\text{OH})_2$	G	1866	Mexico	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>18</b> (1866), 33	<i>Zeitschrift für Kristallographie</i> <b>216</b> (2001), 396
Yafsoanite	$\text{Ca}_3\text{Te}^{6+}_2(\text{ZnO}_4)_3$	A	1981-022	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 118	<i>Mineralogy and Petrology</i> <b>40</b> (1989), 111
Yagiite	$\text{NaMg}_2(\text{AlMg}_2\text{Si}_{12})\text{O}_{30}$	A	1968-020	Spain	<i>American Mineralogist</i> <b>54</b> (1969), 14	
Yakhontovite	$(\text{Ca,Na,K})_{0.2}(\text{Cu,Fe,Mg})_2\text{Si}_4\text{O}_{10}(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	A	1984-032a	Russia	<i>Mineralogicheskii Zhurnal</i> <b>8</b> (1986), 80	
Yakovenchukite-(Y)	$\text{K}_3\text{NaCaY}_2\text{Si}_{12}\text{O}_{30} \cdot 4\text{H}_2\text{O}$	A	2006-002	Russia	<i>American Mineralogist</i> <b>92</b> (2007), 1525	
Yancowinnaite	$\text{PbCuAl}(\text{AsO}_4)_2\text{OH} \cdot \text{H}_2\text{O}$	A	2010-030	Australia	<i>Australian Journal of Mineralogy</i> <b>17</b> (2015), 73	
Yangite	$\text{PbMnSi}_3\text{O}_8 \cdot \text{H}_2\text{O}$	A	2012-052	Namibia	<i>American Mineralogist</i> <b>101</b> (2016), 2539	
Yangzhumingite	$\text{KMg}_{2.5}\text{Si}_4\text{O}_{10}\text{F}_2$	A	2009-017	China	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 467	
Yanomamite	$\text{In}(\text{AsO}_4) \cdot 2\text{H}_2\text{O}$	A	1990-052	Brazil	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 245	<i>Journal of Chemical Crystallography</i> <b>31</b> (2002), 45
Yarlongite	$(\text{Cr}_4\text{Fe}_4\text{Ni})\text{C}_4$	A	2007-035	China	<i>Acta Geologica Sinica</i> <b>83</b> (2008), 52	<i>Science in China, Ser. D</i> <b>48</b> (2005), 338
Yaroshevskite	$\text{Cu}_9\text{O}_2(\text{VO}_4)_4\text{Cl}_2$	A	2012-003	Russia	<i>Mineralogical Magazine</i> <b>77</b> (2013), 107	
Yaroslavite	$\text{Ca}_3\text{Al}_2\text{F}_{10}(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1968 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>95</b> (1966), 39	
Yarrowite	$\text{Cu}_9\text{S}_8$	A	1978-022	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 511	
Yavapaiite	$\text{KFe}^{3+}(\text{SO}_4)_2$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 1105	<i>American Mineralogist</i> <b>56</b> (1971), 1917
Yazganite	$\text{NaMgFe}^{3+}_2(\text{AsO}_4)_3 \cdot \text{H}_2\text{O}$	A	2003-033	Turkey	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 367	
Yeatmanite	$\text{Zn}_6\text{Mn}^{2+}_9\text{Sb}^{5+}_2\text{O}_{12}(\text{SiO}_4)_4$	G	1938	USA	<i>American Mineralogist</i> <b>23</b> (1938), 527	<i>Mineralogical Journal</i> <b>13</b> (1986), 53
Yecoraite	$\text{Fe}^{3+}_3\text{Bi}_5\text{O}_9(\text{Te}^{4+}\text{O}_3)(\text{Te}^{6+}\text{O}_4)_2 \cdot 9\text{H}_2\text{O}$	A	1983-062	Mexico	<i>Boletín de la Sociedad Mexicana de Mineralogía</i> <b>1</b> (1985), 10	

Yedlinite	$Pb_6Cr(Cl,OH)_6(OH,O)_8$	A	1974-001	USA	<i>American Mineralogist</i> <b>59</b> (1974), 1157	<i>American Mineralogist</i> <b>59</b> (1974), 1160
Ye'elimite	$Ca_4Al_6O_{12}(SO_4)$	A	1984-052	Israel	<i>Geological Survey of Israel, Current Research</i> (1984), 1	<i>Kristall und Technik</i> <b>7</b> (1972), 229
Yegorovite	$Na_4[Si_2O_4(OH)_2]_2 \cdot 7H_2O$	A	2008-033	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(3)</b> (2009), 82	<i>Doklady Earth Sciences</i> <b>427</b> (2009), 814
Yeomanite	$Pb_2O(OH)Cl$	A	2013-024	United Kingdom	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1203	
Yimengite	$K(Cr, Ti, Fe, Mg)_{12}O_{19}$	A	1982-046	China	<i>Chinese Science Bulletin [Kexue Tongbao]</i> <b>28</b> (1983), 932	
Yingjiangite	$K_2Ca(UO_2)_7(PO_4)_4(OH)_6 \cdot 6H_2O$	A	1989-001	China	<i>Acta Mineralogica Sinica</i> <b>10</b> (1990), 102	<i>Journal of Raman Spectroscopy</i> <b>39</b> (2008), 495
Yixunite	$Pt_3In$	A	1995-042	China	<i>Acta Geologica Sinica</i> <b>71</b> (1997), 332	<i>Acta Geologica Sinica</i> <b>48</b> (1974), 202
Yoderite	$(MgAl_3)(MgAl)Al_2O_2(SiO_4)_4(OH)_2$	A	1962 s.p.	Tanzania	<i>Mineralogical Magazine</i> <b>32</b> (1959), 282	<i>American Mineralogist</i> <b>67</b> (1982), 76
Yofortierite	$Mn^{2+}_5Si_8O_{20}(OH)_2 \cdot 7H_2O$	A	1974-045	Canada	<i>Canadian Mineralogist</i> <b>13</b> (1975), 68	<i>Canadian Mineralogist</i> <b>51</b> (2013), 243
Yoshimuraite	$Ba_4Mn^{2+}_4Ti_2(Si_2O_7)_2(PO_4)_2O_2(OH)_2$	Rd	2016 s.p.	Japan	<i>Mineralogical Journal</i> <b>3</b> (1961), 156	<i>Canadian Mineralogist</i> <b>52</b> (2014), 569
Yoshiokaite	$Ca_{1-x}(Al, Si)_2O_4$	A	1989-043	Moon	<i>American Mineralogist</i> <b>75</b> (1990), 676	<i>American Mineralogist</i> <b>75</b> (1990), 1186
Yttriaite-(Y)	$Y_2O_3$	A	2010-039	Russia	<i>American Mineralogist</i> <b>96</b> (2011), 1166	
Yttrialite-(Y)	$Y_2Si_2O_7$	A	1987 s.p.	USA	<i>American Journal of Science</i> <b>138</b> (1889), 477	<i>Kristallografiya</i> <b>16</b> (1971), 905
Yttrocolumbite-(Y)	$(Y, U, Fe^{2+})(Nb, Ta)O_4$	Q	1987 s.p.	Mozambique	A System of Mineralogy. Durrie & Peck and Herrick & Noyes, New Haven (1837), 370	<i>Memorias da Academia das Ciencias de Lisboa, Classe de Ciencias</i> <b>1</b> (1937), 369
Yttrocrasite-(Y)	$(Y, Th, Ca, U)(Ti, Fe)_2(O, OH)_6$	Q	1987 s.p.	USA	<i>American Journal of Science</i> <b>22</b> (1906), 515	
Yttrotantalite-(Y)	$(Y, U, Fe^{2+})(Ta, Nb)(O, OH)_4$	Rn	1987 s.p.	Sweden	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> <b>23</b> (1802), 63	<i>Acta Crystallographica</i> <b>23</b> (1967), 939
Yttritungstite-(Ce)	$CeW_2O_6(OH)_3$	Rn	1970-008	Uganda	<i>Bulletin de la Société Géologique de Finlande</i> <b>42</b> (1970), 223	
Yttritungstite-(Y)	$Y(W, Fe, Si, Al, Ti)_2(O, OH, H_2O)_9$	A	1987 s.p.	Malaysia	<i>Colonial Geology and Mineral Resources</i> <b>1</b> (1950), 50	<i>Mineralogical Magazine</i> <b>38</b> (1971), 261
Yuanfuliite	$Mg(Fe^{3+}, Al)O(BO_3)$	A	1994-001	China	<i>Acta Petrologica et Mineralogica</i> <b>13</b> (1994), 328	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 483
Yuanjiangite	$AuSn$	A	1993-028	China	<i>Acta Petrologica et Mineralogica</i> <b>13</b> (1994), 232	
Yugawaralite	$Ca(Si_6Al_2)O_{16} \cdot 4H_2O$	A	1997 s.p.	Japan	<i>Science Reports of the Yokohama National University, ser. II</i> <b>1</b> (1952), 69	<i>Zeitschrift für Kristallographie</i> <b>174</b> (1986), 265
Yukonite	$Ca_2Fe^{3+}_3(AsO_4)_3(OH)_4 \cdot 4H_2O$	G	1913	Canada	<i>Transactions of the Royal Society of Canada, Ser. III</i> <b>7</b> (1913), 13	<i>Canadian Mineralogist</i> <b>47</b> (2009), 39
Yuksporite	$K_4(Ca, Na)_{14}(Sr, Ba)_2(\square, Mn, Fe)(Ti, Nb)_4(O, OH)_4(Si_6O_{17})_2(Si_2O_7)_3(H_2O, OH)_3$	G	1923	Russia	<i>Transactions of the Northern Scientific and Economic Expedition</i> <b>16</b> (1923), 16	<i>American Mineralogist</i> <b>89</b> (2004), 1561
Yurmarinite	$Na_7(Fe^{3+}, Mg, Cu)_4(AsO_4)_6$	A	2013-033	Russia	<i>Mineralogical Magazine</i> <b>78</b> (2014), 905	
Yushkinite	$(Mg, Al)(OH)_2VS_2$	A	1983-050	Russia	<i>Mineralogicheskii Zhurnal</i> <b>6</b> (1984), 91	<i>Mineralogical Magazine</i> <b>63</b> (1999), 879
Yusupovite	$Na_2Zr(Si_6O_{15})(H_2O)_3$	A	2014-022	Tajikistan	<i>American Mineralogist</i> <b>100</b> (2015), 1502	
Yvonite	$Cu(AsO_3OH) \cdot 2H_2O$	A	1995-012	France	<i>American Mineralogist</i> <b>83</b> (1998), 383	
Żabińskiite	$Ca[Al_{0.5}(Ta, Nb_{0.5})](SiO_4)O$	A	2015-033	Poland	<i>Mineralogical Magazine</i> <b>81</b> (2017), 591	
Zabuyelite	$Li_2(CO_3)$	A	1985-018	China	<i>Acta Mineralogica Sinica</i> <b>7</b> (1987), 221	<i>Zeitschrift für Kristallographie</i> <b>150</b> (1979), 133
Zaccagnaite	$Zn_4Al_2(OH)_{12}(CO_3) \cdot 3H_2O$	A	1997-019	Italy	<i>American Mineralogist</i> <b>86</b> (2001), 1293	<i>American Mineralogist</i> <b>97</b> (2012), 513

Zaccariniite	RhNiAs	A	2011-086	Dominican Republic	<i>Canadian Mineralogist</i> <b>50</b> (2012), 1321	
Zadovite	BaCa <sub>6</sub> [(SiO <sub>4</sub> )(PO <sub>4</sub> )](PO <sub>4</sub> ) <sub>2</sub> F	A	2013-031	Israel	<i>Mineralogical Magazine</i> <b>79</b> (2015), 1073	
Zagamiite	CaAl <sub>2</sub> Si <sub>3.5</sub> O <sub>11</sub>	A	2015-022a	Morocco (meteorite)	CNMNC Newsletter 36 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 403; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 339	
Zaherite	Al <sub>12</sub> (SO <sub>4</sub> ) <sub>5</sub> (OH) <sub>26</sub> ·20H <sub>2</sub> O	A	1977-002	Pakistan	<i>American Mineralogist</i> <b>62</b> (1977), 1125	<i>Mineralogical Magazine</i> <b>48</b> (1984), 131
Zairite	BiFe <sup>3+</sup> <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	A	1975-018	Democratic Republic of the Congo	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>98</b> (1975), 351	
Zakharovite	Na <sub>4</sub> Mn <sup>2+</sup> <sub>5</sub> Si <sub>10</sub> O <sub>24</sub> (OH) <sub>6</sub> ·6H <sub>2</sub> O	A	1981-049	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 491	
Zálesiite	CaCu <sub>6</sub> (AsO <sub>4</sub> ) <sub>2</sub> (AsO <sub>3</sub> OH)(OH) <sub>6</sub> ·3H <sub>2</sub> O	A	1997-009	Czech Republic	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>175</b> (1999), 105	<i>Acta Crystallographica</i> <b>C41</b> (1985), 161
Zanazziite	Ca <sub>2</sub> Be <sub>4</sub> Mg <sub>5</sub> (PO <sub>4</sub> ) <sub>6</sub> (OH) <sub>4</sub> ·6H <sub>2</sub> O	A	1986-054	Brazil	<i>Mineralogical Record</i> <b>21</b> (1990), 413	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>22</b> (1975), 266
Zangboite	TiFeSi <sub>2</sub>	A	2007-036	China	<i>Canadian Mineralogist</i> <b>47</b> (2009), 1265	
Zapatalite	Cu <sub>3</sub> Al <sub>4</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>9</sub> ·4H <sub>2</sub> O	A	1971-023	Mexico	<i>Mineralogical Magazine</i> <b>38</b> (1972), 541	
Zaratite	Ni <sub>3</sub> (CO <sub>3</sub> )(OH) <sub>4</sub> ·4H <sub>2</sub> O	Q	1851	Spain	<i>Revista Minera</i> <b>1</b> (1851), 302	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 995
Zavalíaite	Mn <sup>2+</sup> <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>	A	2011-012	Argentina	<i>Canadian Mineralogist</i> <b>50</b> (2012), 1445	
Zavaritskite	BiOF	A	1967 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>146</b> (1962), 680	<i>Acta Chemica Scandinavica</i> <b>18</b> (1964), 1823
Zdeněkite	NaPbCu <sub>5</sub> (AsO <sub>4</sub> ) <sub>4</sub> Cl·5H <sub>2</sub> O	A	1992-037	France	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 553	<i>Crystallography Reports</i> <b>48</b> (2003), 939
Zektzerite	NaLiZrSi <sub>6</sub> O <sub>15</sub>	A	1976-034	USA	<i>American Mineralogist</i> <b>62</b> (1977), 416	<i>American Mineralogist</i> <b>63</b> (1978), 304
Zellerite	Ca(UO <sub>2</sub> )(CO <sub>3</sub> ) <sub>2</sub> ·5H <sub>2</sub> O	A	1965-031	USA	<i>American Mineralogist</i> <b>51</b> (1966), 1567	
Zemannite	Mg <sub>0.5</sub> ZnFe <sup>3+</sup> (Te <sup>4+</sup> O <sub>3</sub> ) <sub>3</sub> ·4.5H <sub>2</sub> O	A	1968-009	Mexico	<i>Canadian Mineralogist</i> <b>10</b> (1969), 139	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 53
Zemkorite	Na <sub>2</sub> Ca(CO <sub>3</sub> ) <sub>2</sub>	A	1985-041	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>301</b> (1988), 188	<i>American Mineralogist</i> <b>87</b> (2002), 1384
Zenzénite	Pb <sub>3</sub> Fe <sup>3+</sup> <sub>4</sub> Mn <sup>4+</sup> <sub>3</sub> O <sub>15</sub>	A	1990-031	Sweden	<i>Canadian Mineralogist</i> <b>29</b> (1991), 347	
Zeophyllite	Ca <sub>13</sub> Si <sub>10</sub> O <sub>28</sub> (OH) <sub>2</sub> F <sub>8</sub> ·6H <sub>2</sub> O	G	1902	Czech Republic	<i>Sitzungsberichte der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse</i> <b>111</b> (1902), 334	<i>Acta Crystallographica</i> <b>B28</b> (1972), 2726
Zeravshanite	Na <sub>2</sub> Cs <sub>4</sub> Zr <sub>3</sub> Si <sub>18</sub> O <sub>45</sub> ·2H <sub>2</sub> O	A	2003-034	Tajikistan	<i>New Data on Minerals</i> <b>39</b> (2004), 21	<i>Canadian Mineralogist</i> <b>42</b> (2004), 125
Zeunerite	Cu(UO <sub>2</sub> ) <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O	G	1872	Germany	<i>Neues Jahrbuch für Mineralogie</i> (1872), 207	<i>Canadian Mineralogist</i> <b>41</b> (2003), 489
Zhanghengite	CuZn	A	1985-049	China	<i>Acta Mineralogica Sinica</i> <b>6</b> (1986), 220	
Zhanghuifenite	Na <sub>3</sub> Mn <sup>2+</sup> <sub>4</sub> Mg <sub>2</sub> Al(PO <sub>4</sub> ) <sub>6</sub>	A	2016-074	Argentina	CNMNC Newsletter 34 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1315	
Zhangpeishanite	BaFCl	A	2006-045	China	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 1141	<i>Acta Crystallographica</i> <b>B30</b> (1974), 2786
Zharchikhite	Al(OH) <sub>2</sub> F	A	1986-059	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>117</b> (1988), 79	

Zhemchuzhnikovite	NaMgAl(C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ·8H <sub>2</sub> O	A	1967 s.p.	Russia	<i>Trudy Vsesouznogo Nauchno-Issledovatel'skovo Geologicheskogo Instituta</i> <b>96</b> (1963), 131	
Ziesite	Cu <sub>2</sub> V <sup>5+</sup> <sub>2</sub> O <sub>7</sub>	A	1979-055	El Salvador	<i>American Mineralogist</i> <b>65</b> (1980), 1146	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 41
Zigrasite	MgZr(PO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	A	2008-046	USA	<i>Mineralogical Magazine</i> <b>73</b> (2009), 415	<i>Mineralogical Magazine</i> <b>74</b> (2010), 567
Zimbabweite	Na(Pb,Na,K) <sub>2</sub> (Ta,Nb,Ti) <sub>4</sub> As <sub>4</sub> O <sub>18</sub>	A	1984-034	Zimbabwe	<i>Bulletin de Minéralogie</i> <b>109</b> (1986), 331	<i>American Mineralogist</i> <b>73</b> (1988), 1186
Ziminaite	Fe <sup>3+</sup> <sub>6</sub> (VO <sub>4</sub> ) <sub>6</sub>	A	2014-062	Russia	CNMNC Newsletter 23 - <i>Mineralogical Magazine</i> <b>79</b> (2015), 51	
Zinc	Zn	G	?	Chile	original paper?	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 186
Zincalstibite	Zn <sub>2</sub> Al(OH) <sub>6</sub> [Sb(OH) <sub>6</sub> ]	A	1998-033	Italy	<i>American Mineralogist</i> <b>92</b> (2007), 198	
Zincaluminite	(Zn <sub>1-x</sub> Al <sub>x</sub> )(SO <sub>4</sub> ) <sub>x/2</sub> (OH) <sub>2</sub> ·nH <sub>2</sub> O (x < 0.5, n > 3x/2)	Q	1881	Greece	<i>Bulletin de la Société Minéralogique de France</i> <b>4</b> (1881), 135	
Zincgartrellite	PbZn <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O,OH) <sub>2</sub>	A	1998-014	Namibia	<i>Mineralogical Magazine</i> <b>64</b> (2000), 1109	
Zincite	ZnO	G	1845	USA	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 548	<i>Canadian Mineralogist</i> <b>23</b> (1985), 647
Zinclipscornbite	ZnFe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	A	2006-008	USA	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(6)</b> (2006), 13	
Zincmelanterite	Zn(SO <sub>4</sub> )·7H <sub>2</sub> O	Rn	2007 s.p.	USA	<i>American Journal of Science</i> <b>50</b> (1920), 225	<i>Acta Mineralogica Sinica</i> <b>15</b> (1995), 286
Zincoberaunite	ZnFe <sup>3+</sup> <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>5</sub> ·6H <sub>2</sub> O	A	2015-117	Germany	<i>Mineralogy and Petrology</i> <b>111</b> (2017), 351	
Zincobotryogen	ZnFe <sup>3+</sup> (SO <sub>4</sub> ) <sub>2</sub> (OH)·7H <sub>2</sub> O	A	2015-107	China	<i>Mineralogy and Petrology</i> <b>111</b> (2017), 363	
Zincobradaczekite	NaZn <sub>2</sub> Cu <sub>2</sub> (AsO <sub>4</sub> ) <sub>3</sub>	A	2016-041	Russia	CNMNC Newsletter 33 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 1135	
Zincobriartite	Cu <sub>2</sub> (Zn,Fe)(Ge,Ga)S <sub>4</sub>	A	2015-094	Democratic Republic of the Congo	CNMNC Newsletter 29 - <i>Mineralogical Magazine</i> <b>80</b> (2016), 199	
Zincochromite	ZnCr <sub>2</sub> O <sub>4</sub>	A	1986-015	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 367	<i>American Mineralogist</i> <b>90</b> (2005), 1157
Zincocopiapite	ZnFe <sup>3+</sup> <sub>4</sub> (SO <sub>4</sub> ) <sub>6</sub> (OH) <sub>2</sub> ·20H <sub>2</sub> O	G	1964	China	<i>Acta Geologica Sinica</i> <b>44</b> (1964), 99	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>67</b> (1987), 115
Zincohögbomite-2N2S	(Zn,Al,Fe) <sub>3</sub> (Al,Fe,Ti) <sub>6</sub> O <sub>15</sub> (OH)	Rn	1994-016	Greece	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 1361	
Zincohögbomite-2N6S	(Zn,Al) <sub>7</sub> (Al,Fe <sup>3+</sup> ,Ti,Mg) <sub>16</sub> O <sub>31</sub> (OH)	Rn	2001 s.p.	Greece	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>78</b> (1998), 461	
Zincolibethenite	CuZn(PO <sub>4</sub> )(OH)	A	2003-010	Zambia	<i>Mineralogical Magazine</i> <b>69</b> (2005), 145	<i>Australian Journal of Mineralogy</i> <b>12</b> (2006), 3
Zincolivenite	CuZn(AsO <sub>4</sub> )(OH)	A	2006-047	Greece	<i>Doklady Earth Sciences</i> <b>415A</b> (2007), 841	
Zincomenite	ZnSeO <sub>3</sub>	A	2014-014	Russia	<i>European Journal of Mineralogy</i> <b>28</b> (2016), 997	



Zincospiroffite	$Zn_2Te_3O_8$	A	2002-047	China	<i>Canadian Mineralogist</i> <b>42</b> (2004), 763	
Zincostaurolite	$Zn_2Al_9Si_4O_{23}(OH)$	A	1992-036	Switzerland	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 167	<i>American Mineralogist</i> <b>88</b> (2003), 789
Zincostrunzite	$ZnFe^{3+}_2(PO_4)_2(OH)_2 \cdot 6.5H_2O$	A	2016-023	Portugal / Germany	<i>European Journal of Mineralogy</i> <b>29</b> (2017), 315	
Zincovelesite-6N6S	$Zn_3(Fe^{3+}, Mn^{3+}, Al, Ti)_8O_{15}(OH)$	A	2017-034	Macedonia	CNMNC Newsletter 38 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1033; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 779	
Zincovoltaitaite	$K_2Zn_5Fe^{3+}_3Al(SO_4)_{12} \cdot 18H_2O$	A	1985-059	China	<i>Acta Mineralogica Sinica</i> <b>4</b> (1987), 307	
Zincowoodwardite	$(Zn_{1-x}Al_x)(SO_4)_{x/2}(OH)_2 \cdot nH_2O$ ( $x < 0.5$ , $n < 3x/2$ )	A	1998-026	Greece	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 455	
Zincrosasite	$(Zn,Cu)_2(CO_3)(OH)_2$	Q	1959	Namibia	<i>Fortschritte der Mineralogie</i> <b>37</b> (1959), 87	
Zincroselite	$Ca_2Zn(AsO_4)_2 \cdot 2H_2O$	A	1985-055	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 523	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 353
Zincsilite	$Zn_3Si_4O_{10}(OH)_2 \cdot 4H_2O$ (?)	Q	1962 s.p.	Kazakhstan	Report of the Meeting of the International Committee for the Study of Clays (1960), 45	
Zinczippeite	$Zn(UO_2)_2(SO_4)_2 \cdot 3.5H_2O$	Rn	1971-008	USA	<i>Canadian Mineralogist</i> <b>14</b> (1976), 429	<i>Canadian Mineralogist</i> <b>41</b> (2003), 687
Zinkenite	$Pb_9Sb_{22}S_{42}$	G	1826	Germany	<i>Annalen der Physik und Chemie</i> <b>7</b> (1826), 91	<i>American Mineralogist</i> <b>71</b> (1986), 194
Zinkosite	$Zn(SO_4)$	G	1852	Spain	<i>Berg- und Hüttenmännische Zeitung</i> <b>11</b> (1852), 100	<i>Mineralogy and Petrology</i> <b>39</b> (1988), 201
Zippeite	$K_3(UO_2)_4(SO_4)_2O_3(OH) \cdot 3H_2O$	Rd	1971-029a	Czech Republic	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 510	<i>Canadian Mineralogist</i> <b>41</b> (2003), 687
Zircon	$Zr(SiO_4)$	G	?	unknown	Cristallographie, ou Description des formes propres a tous le corps du regne minéral, Vol. II. Paris, Imprimerie de Monsieur (1783), 229	<i>American Mineralogist</i> <b>64</b> (1979), 196
Zirconolite	$(Ca, Y)Zr(Ti, Mg, Al)_2O_7$	Rd	1989 s.p.	Norway	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> (1824), 334	<i>Journal of Solid State Chemistry</i> <b>174</b> (2003), 285
Zircophyllite	$K_2NaFe^{2+}_7Zr_2(Si_4O_{12})_2O_2(OH)_4F$	Rd	1971-047	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>101</b> (1972), 459	<i>Canadian Mineralogist</i> <b>54</b> (2016), 1539
Zircosulfate	$Zr(SO_4)_2 \cdot 4H_2O$	A	1968 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>94</b> (1965), 530	<i>Acta Crystallographica</i> <b>12</b> (1959), 719
Zirkelite	$(Ti, Ca, Zr)O_{2-x}$	Rd	1989 s.p.	Brazil	<i>Mineralogical Magazine</i> <b>11</b> (1895), 80	<i>American Mineralogist</i> <b>68</b> (1983), 262
Zirklerite	$(Fe, Mg)_9Al_4Cl_{18}(OH)_{12} \cdot 14H_2O$ (?)	Q	1928	Germany	<i>Kali und Verwandte Salze</i> <b>22</b> (1928), 157	
Zirsilite-(Ce)	$(Na, \square)_{12}(Ce, Na)_3Ca_6Mn_3Zr_3NbSi_{25}O_{73}(OH)_3(CO_3) \cdot H_2O$	A	2002-057	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(5)</b> (2003), 40	
Zirsinalite	$Na_6CaZrSi_6O_{18}$	A	1973-025	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 551	<i>Doklady Akademii Nauk SSSR</i> <b>250</b> (1980), 865
Zlatogorite	$CuNiSb_2$	A	1994-014	Russia	<i>Vestnik Moskovskogo Universiteta, Geologiya Seriya</i> <b>50</b> (1995), 57	<i>Doklady Akademii Nauk</i> <b>335</b> (1994), 709

Znamenskyite	$Pb_4In_2Bi_4S_{13}$	A	2014-026	Russia	CNMNC Newsletter 21 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 797	
Znucalite	$CaZn_{11}(UO_2)(CO_3)_3(OH)_{20} \cdot 4H_2O$	A	1989-033	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 393	<i>Archives des Sciences de Genève</i> <b>46</b> (1993), 291
Zodacite	$Ca_4Mn^{2+}Fe^{3+}_4(PO_4)_6(OH)_4 \cdot 12H_2O$	A	1987-014	Portugal	<i>American Mineralogist</i> <b>73</b> (1988), 1179	
Zoharite	$(Ba,K)_6(Fe,Cu,Ni)_{25}S_{27}$	A	2017-049	Israel	CNMNC Newsletter 39 - <i>Mineralogical Magazine</i> <b>81</b> (2017), 1279; <i>European Journal of Mineralogy</i> <b>29</b> (2017), 931	
Zoisite	$Ca_2Al_3[Si_2O_7][SiO_4]O(OH)$	G	1805	Austria	System of Mineralogy, Vol. 2. Bell and Bradfute, Edinburgh (1805), 597	<i>American Mineralogist</i> <b>92</b> (2007), 1133
Zoltaiite	$BaV^{4+}_2V^{3+}_{12}Si_2O_{27}$	A	2003-006	Canada	<i>American Mineralogist</i> <b>90</b> (2005), 1655	
Zorite	$Na_6Ti_5Si_{12}O_{34}(O,OH)_5 \cdot 11H_2O$	A	1972-011	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 54	<i>Soviet Physics - Crystallography</i> <b>24</b> (1979), 686
Zoubekite	$AgPb_4Sb_4S_{10}$	A	1983-032	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 1	
Zugshunstite-(Ce)	$CeAl(SO_4)_2(C_2O_4) \cdot 12H_2O$	A	1996-055	USA	<i>Geochimica et Cosmochimica Acta</i> <b>65</b> (2001), 1101	
Zuktamurite	$FeP_2$	A	2013-107	Israel	CNMNC Newsletter 19 - <i>Mineralogical Magazine</i> <b>78</b> (2014), 165	
Zunyite	$Al_{13}Si_5O_{20}(OH,F)_{18}Cl$	G	1884	USA	<i>Proceedings of the Colorado Scientific Society</i> <b>1</b> (1884), 124	<i>Canadian Mineralogist</i> <b>41</b> (2003), 891
Zussmanite	$K(Fe,Mg,Mn)_{13}(Si,Al)_{18}O_{42}(OH)_{14}$	A	1964-018	USA	<i>American Mineralogist</i> <b>50</b> (1965), 278	<i>Mineralogical Magazine</i> <b>37</b> (1969), 49
Zvyaginite	$(Na\Box)Nb_2Zn\Box_2Ti(Si_2O_7)_2O_2[O(OH)][(OH)F](H_2O)_5$	Rd	2013-071	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>143(2)</b> (2014), 45	
Zvyagintsevite	$Pd_3Pb$	A	1966-006	Russia	<i>Geologiya Rudnykh Mestorozhdeniy</i> <b>8</b> (1966), 94	<i>Canadian Mineralogist</i> <b>35</b> (1997), 773
Zwieselite	$Fe^{2+}Mn^{2+}(PO_4)F$	Rd	2003 s.p.	Germany	Vollständiges Handbuch der Mineralogie, Vol. 2. Arnoldische, Dresden und Leipzig (1849), 299	<i>Doklady Akademii Nauk SSSR</i> <b>238</b> (1978), 576
Zýkaite	$Fe^{3+}_4(AsO_4)_3(SO_4)(OH) \cdot 15H_2O$	A	1976-039	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1978), 134	

All cells modified after the preceding release (September 2017) are highlighted in yellow