

## The New IMA List of Minerals – A Work in Progress – Updated: August 2013

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).

*Chemical formula*: it is the CNMNC-approved formula.

*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 **4831** 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
Abelsonite	$\text{NiC}_{31}\text{H}_{32}\text{N}_4$	A	1975-013	USA	<i>American Mineralogist</i> <b>63</b> (1978), 930	<i>Science</i> <b>223</b> (1984), 1075
Abenakiite-(Ce)	$\text{Na}_{26}\text{Ce}_6(\text{Si}_6\text{O}_{18})(\text{PO}_4)_6(\text{CO}_3)_6(\text{SO}_2)\text{O}$	A	1991-054	Canada	<i>Canadian Mineralogist</i> <b>32</b> (1994), 843	
Abernathyite	$\text{K}(\text{UO}_2)(\text{AsO}_4) \cdot 3\text{H}_2\text{O}$	G	1956	USA	<i>American Mineralogist</i> <b>41</b> (1956), 82	<i>American Mineralogist</i> <b>49</b> (1964), 1578
Abhurite	$\text{Sn}^{2+}_{21}\text{O}_6(\text{OH})_{14}\text{Cl}_{16}$	A	1983-061	Saudi Arabia	<i>Canadian Mineralogist</i> <b>23</b> (1985), 233	<i>Canadian Mineralogist</i> <b>41</b> (2003), 659
Abramovite	$\text{Pb}_2\text{SnInBiS}_7$	A	2006-016	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(5)</b> (2007), 45	
Abswurbachite	$\text{Cu}^{2+}\text{Mn}^{3+}_6\text{O}_8(\text{SiO}_4)$	A	1990-007	Greece	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>163</b> (1991), 117	
Acanthite	$\text{Ag}_2\text{S}$	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	$\text{CH}_3\text{CONH}_2$	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
Achavalite	$\text{FeSe}$	G	1939	Argentina	<i>Boletin de la Facultad de Ciencias Exactas, Fisicas y Naturales, Universidad Nacional de Cordoba</i> <b>2</b> (1939), 73	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1972), 276
Actinolite	$\square\text{Ca}_2(\text{Mg}_{4.5-2.5}\text{Fe}^{2+}_{0.5-2.5})\text{Si}_8\text{O}_{22}(\text{OH})_2$	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	$\text{SrAlF}_4(\text{OH}) \cdot \text{H}_2\text{O}$	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	$\text{CaFe}^{2+}_3\text{Al}_6(\text{Si}_6\text{AlO}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	A	2012-101	Japan	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Adamite	$\text{Zn}_2(\text{AsO}_4)(\text{OH})$	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)	$\text{NaY}(\text{CO}_3)_2 \cdot 6\text{H}_2\text{O}$	A	1999-020	Canada	<i>Canadian Mineralogist</i> <b>38</b> (2000), 1457	
Adelite	$\text{CaMg}(\text{AsO}_4)(\text{OH})$	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	$\text{MgB}_6\text{O}_{10} \cdot 7\text{H}_2\text{O}$	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
Adolfpateraite	$\text{K}(\text{UO}_2)(\text{SO}_4)(\text{OH})(\text{H}_2\text{O})$	A	2011-042	Czech Republic	<i>American Mineralogist</i> <b>97</b> (2012), 447	
Adranosite-(Al)	$(\text{NH}_4)_4\text{NaAl}_2(\text{SO}_4)_4\text{Cl}(\text{OH})_2$	Rn	2008-057	Italy	<i>Canadian Mineralogist</i> <b>48</b> (2010), 315	
Adranosite-(Fe)	$(\text{NH}_4)_4\text{NaFe}_2(\text{SO}_4)_4\text{Cl}(\text{OH})_2$	A	2011-006	Italy	<i>Canadian Mineralogist</i> <b>51</b> (2013), 57	
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
Aeschnyite-(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
Aeschnyite-(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	
Aeschnyite-(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	
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>C41</b> (1985), 161
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	$\text{Ni}(\text{SeO}_3)\cdot 2\text{H}_2\text{O}$	G	1935	Bolivia	<i>Zentralblatt für Mineralogie, Geologie und Paläontologie</i> <b>6</b> (1935), 277	<i>Materials Research Bulletin</i> <b>40</b> (2005), 781
Ahrensité	$\text{Fe}_2(\text{SiO}_4)$	A	2013-028	Morocco (meteorite)	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Aikinite	$\text{CuPbBiS}_3$	G	1843	Russia	<i>Practical Mineralogy</i> . 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
Akaogite	$\text{TiO}_2$	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	MgSiO <sub>3</sub>	A	1997-044	Australia (meteorite)	<i>American Mineralogist</i> <b>84</b> (1999), 267	<i>American Mineralogist</i> <b>92</b> (2007), 1545
Aklimaite	Ca <sub>4</sub> [Si <sub>2</sub> O <sub>5</sub> (OH) <sub>2</sub> ](OH) <sub>4</sub> ·5H <sub>2</sub> O	A	2011-050	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>141(2)</b> (2012), 21	<i>Zeitschrift für Kristallographie</i> <b>228</b> (2012), 452
Akrochordite	Mn <sup>2+</sup> <sub>5</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·4H <sub>2</sub> 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	MgB <sub>6</sub> O <sub>7</sub> (OH) <sub>6</sub> ·2H <sub>2</sub> 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	Cu <sub>6</sub> Hg <sub>3</sub> As <sub>4</sub> S <sub>12</sub>	Rd	2008 s.p.	Russia	Problems of the metallogeny of mercury. Nauka, Moscow (1968), 111	
Alabandite	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	As <sub>8</sub> S <sub>9</sub>	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	PbSiO <sub>3</sub>	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	AlAsO <sub>4</sub>	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
Albite	Na(AlSi <sub>3</sub> O <sub>8</sub> )	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	MgCa <sub>4</sub> F <sub>2</sub> [UO <sub>2</sub> (CO <sub>3</sub> ) <sub>3</sub> ] <sub>2</sub> ·17-18H <sub>2</sub> O	A	1983-078	Czech Republic	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 179	
Alburnite	Ag <sub>8</sub> GeTe <sub>2</sub> S <sub>4</sub>	A	2012-073	Romania	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Alcaparrosaite	K <sub>3</sub> Ti <sup>4+</sup> Fe <sup>3+</sup> (SO <sub>4</sub> ) <sub>4</sub> O(H <sub>2</sub> O) <sub>2</sub>	A	2011-024	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 851	
Aldermanite	Mg <sub>5</sub> Al <sub>12</sub> (PO <sub>4</sub> ) <sub>8</sub> (OH) <sub>22</sub> ·32H <sub>2</sub> O	A	1980-044	Australia	<i>Mineralogical Magazine</i> <b>44</b> (1981), 59	
Aldridgeite	(Cd,Ca)(Cu,Zn) <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	2010-029	Australia	CNMNC Newsletter 4 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 797	
Aleksandrovite	KCa <sub>7</sub> Sn <sub>2</sub> Li <sub>3</sub> Si <sub>12</sub> O <sub>36</sub> F <sub>2</sub>	A	2009-004	Tajikistan	<i>New Data on Minerals</i> <b>45</b> (2010), 5	
Aleksite	PbBi <sub>2</sub> Te <sub>2</sub> S <sub>2</sub>	A	1977-038	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>107</b> (1978), 315	<i>Canadian Mineralogist</i> <b>45</b> (2007), 417
Alflarsenite	NaCa <sub>2</sub> Be <sub>3</sub> Si <sub>4</sub> O <sub>13</sub> (OH)·2H <sub>2</sub> 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	Ba <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> Cl	A	1980-039	USA	<i>American Mineralogist</i> <b>66</b> (1981), 1050	<i>Acta Crystallographica</i> <b>B35</b> (1979), 2382
Alfredstelnzerite	Ca <sub>4</sub> (H <sub>2</sub> O) <sub>4</sub> [B <sub>4</sub> O <sub>4</sub> (OH) <sub>6</sub> ] <sub>4</sub> (H <sub>2</sub> O) <sub>15</sub>	A	2007-050	Argentina	<i>Canadian Mineralogist</i> <b>48</b> (2010), 123	<i>Canadian Mineralogist</i> <b>48</b> (2010), 129
Algodonite	Cu <sub>1-x</sub> As <sub>x</sub> (x ≈ 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	Ca <sub>0.2</sub> Mg <sub>6</sub> (Si,Al) <sub>8</sub> O <sub>20</sub> (OH) <sub>4</sub> ·4H <sub>2</sub> 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	(Fe,Ni) <sub>2</sub> P	A	2000-038	Russia (meteorite)	<i>American Mineralogist</i> <b>87</b> (2002), 1245	
Allactite	Mn <sup>2+</sup> <sub>7</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>8</sub>	A	1980 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>7</b> (1884), 109	<i>American Mineralogist</i> <b>53</b> (1968), 733

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>40th Lunar and Planetary Science Conference</i> (2009), Abstr. # 1402	
Allochalcocelite	$\text{Cu}^{1+}\text{Cu}^{2+}_5\text{PbO}_2(\text{SeO}_3)_2\text{Cl}_5$	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	$\text{K}(\square, \text{Na})_2(\text{Mn}, \text{Fe}, \text{Mg})_2[(\text{Be}, \text{Al})_3\text{Si}_{12}]\text{O}_{30}$	A	2002-048	Germany	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>179</b> (2004), 265	
Almeidaite	$\text{PbZn}_2(\text{Mn}, \text{Y})(\text{Ti}, \text{Fe}^{3+})_{18}\text{O}_{37}(\text{OH}, \text{O})$	A	2013-020	Brazil	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Alpersite	$(\text{Mg}, \text{Cu})(\text{SO}_4) \cdot 7\text{H}_2\text{O}$	A	2003-040	USA	<i>American Mineralogist</i> <b>91</b> (2006), 261	
Alsakharovite-Zn	$\text{NaSrKZn}(\text{Ti}, \text{Nb})_4(\text{Si}_4\text{O}_{12})_2(\text{O}, \text{OH})_4 \cdot 7\text{H}_2\text{O}$	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	<i>Vollständige Handbuch der Mineralogie</i> Vol. 2 (1841), 255	<i>Lithos</i> <b>8</b> (1975), 199
Altaite	$\text{PbTe}$	G	1845	Kazakhstan	<i>Handbuch der Bestimmenden Mineralogie</i> . Braumüller and Seidel, Wien (1845), 556	<i>Acta Crystallographica</i> <b>C43</b> (1987), 1443
Althausite	$\text{Mg}_4(\text{PO}_4)_2(\text{OH}, \text{O})(\text{F}, \square)$	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	$\text{Na}_3\text{K}_6\text{Ti}_2\text{Al}_2\text{Si}_8\text{O}_{26}\text{Cl}_3$	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)	$KAl(SO_4)_2 \cdot 12H_2O$	Rn	2007 s.p.	Italy ?	The System of Mineralogy, 7th ed., vol. II. Wiley, New York (1951), 472	<i>Acta Crystallographica</i> <b>22</b> (1967), 793
Alum-(Na)	$NaAl(SO_4)_2 \cdot 12H_2O$	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	$Al_2(SO_4)(OH)_4 \cdot 7H_2O$	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	$K(Mg, Fe^{2+})Al(Si_4O_{10})(OH)_2$	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)	$(Ce, REE, Ca)_3(Al, Fe^{3+})(SiO_4)_3[SiO_3(OH)]_4(OH)_3$	A	2007-060	Italy	<i>American Mineralogist</i> <b>94</b> (2009), 487	
Aluminocopiapite	$(Al, Mg)Fe^{3+}_4(SO_4)_6(OH, O)_2 \cdot 20H_2O$	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	$AlFe(SO_4)_3 \cdot 9H_2O$	A	2009-095	Italy	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1465	
Aluminomagnesiohulsite	$Mg_2AlO_2(BO_3)$	Rn	2002-038	Russia	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 151	
Aluminopyracmonite	$(NH_4)_3Al(SO_4)_3$	A	2012-075	Italy	<i>Mineralogical Magazine</i> <b>77</b> (2013), 443	
Alumoåkermanite	$(Ca, Na)_2(Al, Mg, Fe^{2+})(Si_2O_7)$	A	2008-049	Tanzania	<i>Mineralogical Magazine</i> <b>73</b> (2009), 373	
Alumohydrocalcite	$CaAl_2(CO_3)_2(OH)_4 \cdot 3H_2O$	A	1980 s.p.	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>55</b> (1926), 243	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1969), 130
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>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>137(2)</b> (2008), 114
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
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
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>Kexue Tongbao</i> <b>35</b> (1990), 2073
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	$(NH_4)_3Fe^{3+}_3(SO_4)_2(OH)_6$	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	
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	$Ca_2Fe^{2+}(PO_4)_2 \cdot 4H_2O$	G	1902	Russia	<i>Sitzungsberichte der Königlich Preussischen Akademie der Wissenschaften</i> (1902), 18	<i>Bulletin de Minéralogie</i> <b>102</b> (1979), 314
Anatacamite	$Cu_2(OH)_3Cl$	A	2009-042	Chile	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>187</b> (2010), 307	<i>Acta Crystallographica</i> <b>B65</b> (2009), 334
Anatase	$TiO_2$	A	1962 s.p.	France	Traité de Minéralogie, Vol. 3. Louis, Paris (1801), 129	<i>Acta Crystallographica</i> <b>B47</b> (1991), 462
Ancylite-(Ce)	$CeSr(CO_3)_2(OH) \cdot H_2O$	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)	$LaSr(CO_3)_2(OH) \cdot H_2O$	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	$Al_2SiO_5$	G	1798	Spain	<i>Journal de Physique, de Chimie, d'Histoire Naturelle et des Arts</i> <b>46</b> (1798), 386	<i>American Mineralogist</i> <b>91</b> (2006), 319
Andersonite	$Na_2Ca(UO_2)(CO_3)_3 \cdot 6H_2O$	G	1951	USA	<i>American Mineralogist</i> <b>36</b> (1951), 1	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1496
Andorite IV	$AgPbSb_3S_6$	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	$AgPbSb_3S_6$	G	1892	Romania	<i>Mathematikai és Természettudományi Értesítő</i> <b>11</b> (1892), 119	<i>Zeitschrift für Kristallographie</i> <b>180</b> (1987), 141
Andradite	$Ca_3Fe^{3+}_2(SiO_4)_3$	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
Andrémeyerite	$BaFe^{2+}_2(Si_2O_7)$	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	$FeCrP$	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	$Na_{12}(K,Sr,Ce)_3Ca_6Mn_3Zr_3Nb(Si_{25}O_{73})(O,H_2O,OH)_5$	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	$RuAs_2$	A	?	China	<i>Kexue Tongbao</i> <b>15</b> (1979), 704	<i>Canadian Mineralogist</i> <b>39</b> (2001), 591

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
Anillite	$\text{Cu}_7\text{S}_4$	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>Bulletin 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
Antimonelite	$\text{Sb}_2\text{Se}_3$	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
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



Anyuinite	AuPb <sub>2</sub>	A	1987-053	Russia	<i>Mineralogicheskii Zhurnal</i> <b>11</b> (1989), 88	
Anzaitite-(Ce)	Ce <sub>4</sub> Fe <sup>2+</sup> Ti <sub>6</sub> O <sub>18</sub> (OH) <sub>2</sub>	A	2013-004	Russia	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Apachite	Cu <sup>2+</sup> <sub>9</sub> Si <sub>10</sub> O <sub>29</sub> ·11H <sub>2</sub> O	A	1979-022	USA	<i>Mineralogical Magazine</i> <b>43</b> (1980), 639	
Aphthitalite	K <sub>3</sub> Na(SO <sub>4</sub> ) <sub>2</sub>	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	Mn <sup>2+</sup> Al <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ·22H <sub>2</sub> O	G	1847	Mozambique	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	Co(SO <sub>4</sub> )·4H <sub>2</sub> O	A	1963-009	Canada	<i>Canadian Mineralogist</i> <b>8</b> (1965), 166	<i>Acta Crystallographica</i> <b>C48</b> (1992), 776
Apophyllite-(KF)	KCa <sub>4</sub> Si <sub>8</sub> O <sub>20</sub> F·8H <sub>2</sub> O	Rn	1978 s.p.	India	Tableau Méthodique des Espèces Minérales, Première Partie. Levrault, Paris (1806), 266	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 845
Apophyllite-(KOH)	KCa <sub>4</sub> Si <sub>8</sub> O <sub>20</sub> (OH,F)·8H <sub>2</sub> O	Rn	1978 s.p.	USA	<i>American Mineralogist</i> <b>63</b> (1978), 196	
Apophyllite-(NaF)	NaCa <sub>4</sub> Si <sub>8</sub> O <sub>20</sub> F·8H <sub>2</sub> O	Rn	1976-032	Japan	<i>American Mineralogist</i> <b>66</b> (1981), 410	<i>American Mineralogist</i> <b>66</b> (1981), 416
Apuanite	(Fe <sup>2+</sup> Fe <sup>3+</sup> ) <sub>2</sub> (Fe <sup>3+</sup> Sb <sup>3+</sup> ) <sub>4</sub> O <sub>12</sub> S	A	1978-069	Italy	<i>American Mineralogist</i> <b>64</b> (1979), 1230	<i>American Mineralogist</i> <b>66</b> (1981), 1073
Aqualite	(H <sub>3</sub> O) <sub>8</sub> (Na,K,Sr) <sub>5</sub> Ca <sub>6</sub> Zr <sub>3</sub> Si <sub>26</sub> O <sub>66</sub> (OH) <sub>9</sub> Cl	A	2002-066	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(2)</b> (2007), 39	
Aragonite	Ca(CO <sub>3</sub> )	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	ZnMn <sup>2+</sup> <sub>12</sub> Fe <sup>3+</sup> <sub>2</sub> (As <sup>3+</sup> O <sub>3</sub> )(As <sup>5+</sup> O <sub>4</sub> ) <sub>2</sub> (OH) <sub>23</sub>	A	1998-062	Sweden	<i>Mineralogical Record</i> <b>31</b> (2000), 253	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1471
Aramayoite	Ag <sub>3</sub> Sb <sub>2</sub> (Bi,Sb)S <sub>6</sub>	G	1926	Bolivia	<i>Mineralogical Magazine</i> <b>21</b> (1926), 156	<i>American Mineralogist</i> <b>87</b> (2002), 753
Arangasite	Al <sub>2</sub> (SO <sub>4</sub> )(PO <sub>4</sub> )F·7.5H <sub>2</sub> O	A	2012-018	Russia	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Arapovite	U <sup>4+</sup> (Ca,Na) <sub>2</sub> (K <sub>1-x</sub> □ <sub>x</sub> )(Si <sub>6</sub> O <sub>20</sub> ) [x ≈ 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	Pb <sub>3</sub> AlF <sub>9</sub> ·H <sub>2</sub> O	A	1988-021	USA	<i>American Mineralogist</i> <b>74</b> (1989), 927	<i>American Mineralogist</i> <b>96</b> (2011), 402
Arcanite	K <sub>2</sub> (SO <sub>4</sub> )	G	1845	USA	Handbuch der bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 487	<i>Acta Crystallographica</i> <b>B28</b> (1972), 2845
Archerite	H <sub>2</sub> K(PO <sub>4</sub> )	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	(Na <sub>5</sub> Ca)Ca <sub>6</sub> Ba(PO <sub>4</sub> ) <sub>6</sub> F <sub>3</sub>	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	Ag <sub>6</sub> CuBiS <sub>4</sub>	A	1973-009	Denmark (Greenland)	<i>Lithos</i> <b>9</b> (1976), 253	
Ardaite	Pb <sub>17</sub> Sb <sub>15</sub> S <sub>35</sub> Cl <sub>9</sub>	A	1979-073	Bulgaria	<i>Mineralogical Magazine</i> <b>46</b> (1982), 357	<i>Canadian Mineralogist</i> <b>19</b> (1981), 419
Ardealite	Ca <sub>2</sub> (PO <sub>3</sub> OH)(SO <sub>4</sub> )·4H <sub>2</sub> 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)	Mn <sup>2+</sup> <sub>4</sub> Al <sub>4</sub> (AlMg)(AsO <sub>4</sub> )(SiO <sub>4</sub> ) <sub>2</sub> (Si <sub>3</sub> O <sub>10</sub> )(OH) <sub>6</sub>	Rn	2007 s.p.	Belgium	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</i> (1872), 930	<i>Mineralogical Magazine</i> <b>74</b> (2010), 55
Ardennite-(V)	Mn <sup>2+</sup> <sub>4</sub> Al <sub>4</sub> (AlMg)(VO <sub>4</sub> )(SiO <sub>4</sub> ) <sub>2</sub> (Si <sub>3</sub> O <sub>10</sub> )(OH) <sub>6</sub>	A	2005-037	Italy	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 581	
Arfvedsonite	NaNa <sub>2</sub> (Fe <sup>2+</sup> <sub>4</sub> Fe <sup>3+</sup> )Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	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	$Mn_7(VO_4)_2(OH)_8$	A	2010-021	Switzerland	<i>American Mineralogist</i> <b>96</b> (2011), 1894	
Argentojarosite	$AgFe^{3+}_3(SO_4)_2(OH)_6$	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
Argentopentlandite	$Ag(Fe,Ni)_8S_8$	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	$AgFe_2S_3$	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	$Ag_6[Cu_4(Fe,Zn)_2]As_4S_{13}$	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	$Ag_{10}(Fe,Zn)_2Sb_4S_{13}$	Rd	2008 s.p.	Russia	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>327A</b> (1992), 134	
Argesite	$(NH_4)_7Bi_3Cl_{16}$	A	2011-072	Italy	<i>American Mineralogist</i> <b>97</b> (2012), 1446	
Argutite	$GeO_2$	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	$Ag_8GeS_6$	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	$Cu_2Mg(AsO_4)(OH)_3$	Rd	1981-044	Morocco	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1982), 529	<i>Mineralogical Magazine</i> <b>67</b> (2003), 1099
Arisite-(Ce)	$NaCe_2(CO_3)_2[F_{2x}(CO_3)_{1-x}]F$	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)	$NaLa_2(CO_3)_2[F_{2x}(CO_3)_{1-x}]F$	A	2009-019	Namibia	<i>Mineralogical Magazine</i> <b>74</b> (2010), 257	
Aristarainite	$Na_2Mg[B_6O_8(OH)_4]_2 \cdot 4H_2O$	A	1973-029	Argentina	<i>American Mineralogist</i> <b>59</b> (1974), 647	<i>American Mineralogist</i> <b>62</b> (1977), 979
Armalcolite	$(Mg,Fe^{2+})Ti_2O_5$	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	$Mn^{2+}_{26}[As^{3+}_6(OH)_4O_{14}][As^{3+}_6O_{18}]_2(CO_3)$	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	$Na_6K_5Mn^{3+}Mn^{2+}_{14}(Si_9O_{22})_4(OH)_{10} \cdot 4H_2O$	A	2005-035	Russia	<i>American Mineralogist</i> <b>92</b> (2007), 416	
Armenite	$BaCa_2(Al_6Si_9)O_{30} \cdot 2H_2O$	G	1939	Norway	<i>Norsk Geologisk Tidsskrift</i> <b>19</b> (1939), 312	<i>American Mineralogist</i> <b>77</b> (1992), 422
Armstrongite	$CaZr(Si_6O_{15}) \cdot 3H_2O$	A	1972-018	Mongolia	<i>Doklady Akademii Nauk SSSR</i> <b>209</b> (1973), 1185	<i>Zeitschrift für Kristallographie</i> <b>215</b> (2000), 757
Arrojadite-(BaFe)	$BaFe^{2+}(CaNa_2)Fe^{2+}_{13}Al(PO_4)_{11}(PO_3OH)(OH)_2$	Rn	1994-033	Italy	<i>Canadian Mineralogist</i> <b>34</b> (1996), 827	
Arrojadite-(KFe)	$(KNa)Fe^{2+}(CaNa_2)Fe^{2+}_{13}Al(PO_4)_{11}(PO_3OH)(OH)_2$	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)	$KNa_3(CaNa_2)Fe^{2+}_{13}Al(PO_4)_{11}(PO_3OH)(OH)_2$	A	2005-047	Canada	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Arrojadite-(PbFe)	$PbFe^{2+}(CaNa_2)Fe^{2+}_{13}Al(PO_4)_{11}(PO_3OH)(OH)_2$	A	2005-056	Brazil	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Arrojadite-(SrFe)	$SrFe^{2+}(CaNa_2)Fe^{2+}_{13}Al(PO_4)_{11}(PO_3OH)(OH)_2$	A	2005-032	Sweden	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Arsenbrackebuschite	$Pb_2(Fe^{3+},Zn)(AsO_4)_2(OH,H_2O)$	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	$PbZn(AsO_4)(OH)$	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	$(\text{Ca,Na})\text{NaMn}^{2+}(\text{Mn}^{2+},\text{Mg},\text{Fe}^{2+})_2(\text{AsO}_4)_3$	A	1967 s.p.	Sweden	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</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
Arsenoclasite	$\text{Mn}^{2+}_5(\text{AsO}_4)_2(\text{OH})_4$	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	$\text{CaAl}_3(\text{AsO}_4)(\text{AsO}_3\text{OH})(\text{OH})_6$	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)	$\text{CeAl}_3(\text{AsO}_4)_2(\text{OH})_6$	A	1985-053	Australia	<i>Mineralogical Magazine</i> <b>51</b> (1987), 605	
Arsenoflorencite-(La)	$\text{LaAl}_3(\text{AsO}_4)_2(\text{OH})_6$	A	2009-078	Russia	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 613	
Arsenogorceixite	$\text{BaAl}_3(\text{AsO}_4)(\text{AsO}_3\text{OH})(\text{OH})_6$	A	1989-055	Germany	<i>Aufschluss</i> <b>44</b> (1993), 250	<i>Mineralogical Magazine</i> <b>74</b> (2010), 919
Arsenogoyazite	$\text{SrAl}_3(\text{AsO}_4)(\text{AsO}_3\text{OH})(\text{OH})_6$	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	$\text{Ni}_{18}\text{Bi}_3\text{AsS}_{16}$	A	1978 s.p.	Canada	<i>Mineralogical Magazine</i> <b>43</b> (1980), 877	<i>Canadian Mineralogist</i> <b>27</b> (1989), 137
Arsenohopeite	$\text{Zn}_3(\text{AsO}_4)_2 \cdot 4\text{H}_2\text{O}$	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	$\text{As}_2\text{O}_3$	G	1854	Germany	<i>A System of Mineralogy</i> , 4th ed. Vol. 2. Putnam, New York (1854), 139	<i>Journal of Physical Chemistry A</i> <b>113</b> (2009), 736
Arsenopalladinite	$\text{Pd}_9\text{As}_3$	Rd	1973-002a	Brazil	<i>An Index of Mineral Species and Varieties Arranged Chemically</i> . British Museum, London (1955), 23	<i>Canadian Mineralogist</i> <b>15</b> (1977), 70
Arsenopyrite	FeAsS	A	1962 s.p.	?	<i>Generum et Specierum Mineralium, Secundum Ordines Naturales Digestorum Synopsis</i> . Anton, Halle (1847), 34	<i>Zeitschrift für Kristallographie</i> <b>179</b> (1987), 335
Arsenovanmeersscheite	$\text{U}(\text{UO}_2)_3(\text{AsO}_4)_2(\text{OH})_6 \cdot 4\text{H}_2\text{O}$	A	2006-018	Germany	<i>Aufschluss</i> <b>58</b> (2007), 159	
Arsenquatrandorite	$\text{Ag}_{17.6}\text{Pb}_{12.8}\text{Sb}_{38.1}\text{As}_{11.5}\text{S}_{96}$	A	2012-087	Iran	<i>CNMNC Newsletter</i> 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Arsentsumbite	$\text{Pb}_2\text{Cu}(\text{AsO}_4)(\text{SO}_4)(\text{OH})$	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	$\text{Al}(\text{UO}_2)_2(\text{AsO}_4)_2\text{F} \cdot 20\text{H}_2\text{O}$	A	1982 s.p.?	Germany	<i>Mineralogical Magazine</i> <b>42</b> (1978), 117	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>185</b> (2009), 305
Arsenuranylite	$\text{Ca}(\text{UO}_2)_4(\text{AsO}_4)_2(\text{OH})_4 \cdot 6\text{H}_2\text{O}$	G	1958	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>87</b> (1958), 598	
Arthurite	$\text{CuFe}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	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	$\text{Mg}_2(\text{CO}_3)(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	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	$\text{PbAlF}_3(\text{OH})_2$	A	1993-031	USA	<i>American Mineralogist</i> <b>80</b> (1995), 179	
Artsmithite	$\text{Hg}^{1+}_4\text{Al}(\text{PO}_4)_{1.74}(\text{OH})_{1.78}$	A	2002-039	USA	<i>Canadian Mineralogist</i> <b>41</b> (2003), 721	
Arupite	$\text{Ni}_3(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	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)	$Mn^{2+}NdAl_2Fe^{3+}(Si_2O_7)(SiO_4)_2O_2$	A	2009-073	Sweden	<i>New Data on Minerals</i> <b>45</b> (2010), 17	
Aspedamite	$\square_{12}(Fe^{3+},Fe^{2+})_3Nb_4[Th(Nb,Fe^{3+})_{12}O_{42}][H_2O,(OH)]_{12}$	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	$Cu^{2+}_6Fe^{3+}Bi^{3+}O_4(SO_4)_5 \cdot KCl$	A	1986-029	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 358	
Atokite	$Pd_3Sn$	A	1974-041	South Africa	<i>Canadian Mineralogist</i> <b>13</b> (1975), 146	
Attakolite	$CaMn^{2+}Al_4(HSiO_4)(PO_4)_3(OH)_4$	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>Acta Crystallographica</i> <b>B50</b> (1994), 673
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
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	$\text{K}_2\text{Cu}_5\text{Cl}_8(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	2005-046a	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(3)</b> (2006), 38	
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>Mineralogical Magazine</i> <b>61</b> (1997), 441
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
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)	$\text{Ca}_4\text{Mn}^{2+}_2\text{Al}_4[\text{B}_2\text{Si}_8\text{O}_{30}](\text{OH})_2$	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	$\text{Mg}_2[(\text{Ti},\text{Mg},\text{Fe}^{3+})\text{O}_2(\text{BO}_3)]$	A	1970-021	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>99</b> (1970), 225	
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 SSSR</i> <b>346</b> (1996), 656	
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	$\text{BaFe}^{2+}_2\text{Ti}(\text{Si}_2\text{O}_7)\text{O}(\text{OH})_2$	G	1959	China	<i>Science Record (Beijing)</i> <b>3</b> (1959), 652	<i>Doklady Akademii Nauk SSSR</i> <b>149</b> (1963), 1416
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	
Bakerite	$\text{Ca}_4\text{B}_5\text{Si}_3\text{O}_{15}(\text{OH})_5$	G	1903	USA	<i>Mineralogical Magazine</i> <b>13</b> (1903), 353	<i>American Mineralogist</i> <b>89</b> (2004), 767
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
Baličžuničite	$\text{Bi}_2\text{O}(\text{SO}_4)_2$	A	2012-098	Italy	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>187</b> (2010), 207
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
Barićite	$(\text{Mg}, \text{Fe})_3(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	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	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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	
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	CNMNC Newsletter 4 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 797	
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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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
Barylite	$\text{BaBe}_2\text{Si}_2\text{O}_7$	G	1876	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1876), 123	<i>American Mineralogist</i> <b>62</b> (1977), 167
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	$\text{Na}_3(\text{BaK})\text{Ti}_3(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2$	A	1968 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	$\text{Fe}^{2+}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	G	1915	United Kingdom	<i>Mineralogical Magazine</i> <b>17</b> (1915), 221	<i>American Mineralogist</i> <b>69</b> (1984), 967
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	
Bastnäsité-(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
Bastnäsité-(La)	$\text{La}(\text{CO}_3)\text{F}$	Rn	1966 s.p.	Russia	<i>American Mineralogist</i> <b>51</b> (1966), 152	
Bastnäsité-(Nd)	$\text{Nd}(\text{CO}_3)\text{F}$	A	2011-062	Norway	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 187	
Bastnäsité-(Y)	$\text{Y}(\text{CO}_3)\text{F}$	A	1987 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>99</b> (1970), 328	
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	$\text{BaTi}_6(\text{V}, \text{Cr})_8(\text{Si}_2\text{O}_7)\text{O}_{22}$	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	
Baumhauerite-2a	$\text{Ag}_{1.5}\text{Pb}_{22}\text{As}_{33.5}\text{S}_{72}$	A	1988-051	Switzerland	<i>American Mineralogist</i> <b>75</b> (1990), 915	
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	$\text{Ca}_4\text{Be}_2\text{Al}_2\text{Si}_9\text{O}_{26}(\text{OH})_2$	A	1962 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
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
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	
Behierite	$\text{Ta}(\text{BO}_4)$	A	1967 s.p.	Madagascar	<i>American Mineralogist</i> <b>47</b> (1962), 414	
Behoite	$\text{Be}(\text{OH})_2$	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	$\text{U}(\text{SO}_4)_2(\text{H}_2\text{O})_4$	A	2010-046	Czech Republic	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2739	
Beidellite	$(\text{Na}, \text{Ca})_{0.3}\text{Al}_2(\text{Si}, \text{Al})_4\text{O}_{10}(\text{OH})_2 \cdot n\text{H}_2\text{O}$	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
Belendorffite	$\text{Cu}_7\text{Hg}_6$	A	1989-024	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 21	<i>Acta Chemica Scandinavica</i> <b>23</b> (1969), 1181
Belkovite	$\text{Ba}_3\text{Nb}_6(\text{Si}_2\text{O}_7)_2\text{O}_{12}$	A	1989-053	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 23	
Bellbergite	$(\text{K}, \text{Ba}, \text{Sr})_2\text{Sr}_2\text{Ca}_2(\text{Ca}, \text{Na})_4(\text{Si}, \text{Al})_{36}\text{O}_{72} \cdot 30\text{H}_2\text{O}$	A	1990-057	Germany	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 147	
Bellidoite	$\text{Cu}_2\text{Se}$	A	1970-050	Czech Republic	<i>Economic Geology</i> <b>70</b> (1975), 384	
Bellingerite	$\text{Cu}_3(\text{IO}_3)_6 \cdot 2\text{H}_2\text{O}$	G	1940	Chile	<i>American Mineralogist</i> <b>25</b> (1940), 505	<i>Acta Crystallographica</i> <b>B30</b> (1974), 965
Belloite	$\text{Cu}(\text{OH})\text{Cl}$	A	1998-054	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 67	<i>Monatshefte für Chemie</i> <b>115</b> (1984), 725
Belovite-(Ce)	$\text{NaCeSr}_3(\text{PO}_4)_3\text{F}$	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)	$\text{NaLaSr}_3(\text{PO}_4)_3\text{F}$	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	$\text{Ca}_{1-2}(\text{Ti}, \text{Zr}, \text{Nb})_5\text{O}_{12} \cdot 9\text{H}_2\text{O}$ (?)	Q	1950	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>71</b> (1950), 925	
Bementite	$\text{Mn}_7\text{Si}_6\text{O}_{15}(\text{OH})_8$	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	$\text{SrFe}^{3+}_3(\text{PO}_4)(\text{PO}_3\text{OH})(\text{OH})_6$	A	1995-001	Germany	<i>Chemie der Erde</i> <b>56</b> (1996), 171	
Benavidesite	$\text{Pb}_4\text{MnSb}_6\text{S}_{14}$	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	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	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>8</sub> (Sb,As)Te <sub>2</sub> S <sub>3</sub>	A	1985-043	Mexico	<i>Mineralogical Magazine</i> <b>50</b> (1986), 681	
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	KTi <sub>2</sub> Li <sub>3</sub> Si <sub>12</sub> O <sub>30</sub>	A	1996-041	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(4)</b> (1997), 75	
Bergenite	Ca <sub>2</sub> Ba <sub>4</sub> (UO <sub>2</sub> ) <sub>9</sub> O <sub>6</sub> (PO <sub>4</sub> ) <sub>6</sub> ·16H <sub>2</sub> O	G	1959	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1959), 232	<i>Canadian Mineralogist</i> <b>41</b> (2003), 91
Bergslagite	CaBe(AsO <sub>4</sub> )(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	Al(PO <sub>4</sub> )	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	Mn <sup>2+</sup> Mn <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	G	1936	USA	<i>American Mineralogist</i> <b>21</b> (1936), 656	<i>American Mineralogist</i> <b>61</b> (1976), 1241
Bernalite	Fe(OH) <sub>3</sub>	A	1991-032	Australia	<i>American Mineralogist</i> <b>78</b> (1993), 827	<i>Mineralogical Magazine</i> <b>69</b> (2005), 309
Bernardite	TiAs <sub>5</sub> S <sub>8</sub>	A	1987-052	Macedonia	<i>Mineralogical Magazine</i> <b>53</b> (1989), 531	
Berndtite	SnS <sub>2</sub>	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	Cu <sub>3</sub> Ag <sub>2</sub> Pb <sub>3</sub> Bi <sub>7</sub> S <sub>16</sub>	A	1965-013	USA	<i>Canadian Mineralogist</i> <b>8</b> (1966), 407	<i>Canadian Mineralogist</i> <b>44</b> (2006), 465
Berthierine	(Fe <sup>2+</sup> ,Fe <sup>3+</sup> ,Al) <sub>3</sub> (Si,Al) <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	G	1832	France	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 128	<i>Canadian Mineralogist</i> <b>23</b> (1985), 213
Berthierite	FeSb <sub>2</sub> S <sub>4</sub>	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	Li <sub>2</sub> CaAl <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>4</sub>	A	1965-038	Rwanda	<i>Canadian Mineralogist</i> <b>8</b> (1966), 668	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1079
Bertrandite	Be <sub>4</sub> Si <sub>2</sub> O <sub>7</sub> (OH) <sub>2</sub>	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	Be <sub>3</sub> Al <sub>2</sub> Si <sub>6</sub> O <sub>18</sub>	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	Be <sub>3</sub> (SiO <sub>4</sub> )(OH) <sub>2</sub> ·H <sub>2</sub> O	G	1954	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>99</b> (1954), 451	
Beryllonite	NaBe(PO <sub>4</sub> )	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	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Betekhtinite	$(\text{Cu,Fe})_{21}\text{Pb}_2\text{S}_{15}$	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-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	
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	$\text{Mn}^{2+}\text{Fe}^{2+}_2(\text{PO}_4)_2$	A	1968-012	Argentina	<i>American Mineralogist</i> <b>53</b> (1968), 1799	<i>American Mineralogist</i> <b>76</b> (1991), 1985
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	$(\text{Au,Ag})_4\text{Cu}(\text{Te,Pb})$	A	1979-014	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>249</b> (1979), 185	
Biachellaite	$(\text{Na,Ca,K})_8(\text{Si}_6\text{Al}_6\text{O}_{24})(\text{SO}_4)_2(\text{OH})_{0.5} \cdot \text{H}_2\text{O}$	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	$\text{Au}_3\text{Cu}_2\text{Pb} \cdot n\text{TeO}_2$	A	1977-024	Russia / Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>107</b> (1978), 310	
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 přírodovědeckého <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), 212	<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 Egelnschen 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 Muzeya Akademiyi 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	
Bismutotantalite	$\text{BiTaO}_4$	G	1929	Uganda	<i>Mineralogical Magazine</i> <b>22</b> (1929), 185	<i>Canadian Mineralogist</i> <b>39</b> (2001), 103
Bitikleite	$\text{Ca}_3\text{SbSnAl}_3\text{O}_{12}$	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>American Mineralogist</i> <b>59</b> (1974), 567
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	$\text{Ca}_2\text{Cu}_5(\text{Bi,Cu})(\text{PO}_4)_4(\text{H}_2\text{O,OH,Cl})_{13}$	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
Blöditte	$\text{Na}_2\text{Mg}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	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
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
Bobierrite	$\text{Mg}_3(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	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	
Bobtrallite	$(\text{Na,Ca})_{13}\text{Sr}_{11}(\text{Zr,Y,Nb})_{14}\text{Si}_{42}\text{B}_6\text{O}_{132}(\text{OH})_{12} \cdot 12\text{H}_2\text{O}$	A	2001-041	Canada	<i>Canadian Mineralogist</i> <b>43</b> (2005), 747	
Bogdanovite	$(\text{Au,Te,Pb})_3(\text{Cu,Fe})$	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	
Bohdanowiczite	$\text{AgBiSe}_2$	Rd	1978 s.p.	Poland	<i>Przeglad 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	$\text{Ca}_4\text{Be}_3\text{AlSi}_9\text{O}_{25}(\text{OH})_3$	A	2010-026	Denmark (Greenland)	CNMNC Newsletter 4 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 797	
Bokite	$(\text{Al,Fe,K})_{1.3}(\text{V}^{5+},\text{V}^{4+},\text{Fe}^{3+})_8\text{O}_{20} \cdot 7.5\text{H}_2\text{O}$	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	$(\text{K,Na})(\text{UO}_2)(\text{SiO}_3\text{OH}) \cdot 1.5\text{H}_2\text{O}$	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
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	
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
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	$\text{Na}_6\text{BaTi}_2\text{Nb}(\text{Si}_2\text{O}_7)_2(\text{PO}_4)_2(\text{OH})\text{F}$	A	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	
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
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
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>American Mineralogist</i> <b>73</b> (1988), 595
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
Braunite	$\text{Mn}^{2+}\text{Mn}^{3+}_6\text{SiO}_{12}$	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
Brearleyite	$\text{Ca}_{12}\text{Al}_{14}\text{O}_{32}\text{Cl}_2$	A	2010-062	northwest Africa (meteorite)	<i>American Mineralogist</i> <b>96</b> (2011), 1199	<i>Journal of Solid State Chemistry</i> <b>181</b> (2008), 51
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	$\text{Zn}_3(\text{CO}_3)(\text{OH})_4$	A	1991-053	United Kingdom	<i>Mineralogical Magazine</i> <b>57</b> (1993), 665	
Briartite	$\text{Cu}_2\text{FeGeS}_4$	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
Brindleyite	$(\text{Ni},\text{Al})_3(\text{Si},\text{Al})_2\text{O}_5(\text{OH})_4$	A	1975-009a	Greece	<i>American Mineralogist</i> <b>63</b> (1978), 484	
Brinrobertsite	$(\text{Na},\text{K},\text{Ca})_{0.3}(\text{Al},\text{Fe},\text{Mg})_4(\text{Si},\text{Al})_8\text{O}_{20}(\text{OH})_4 \cdot 3.5\text{H}_2\text{O}$	A	1997-040	United Kingdom	<i>Mineralogical Magazine</i> <b>66</b> (2002), 605	

Britholite-(Ce)	(Ce,Ca) <sub>5</sub> (SiO <sub>4</sub> ) <sub>3</sub> (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) <sub>5</sub> (SiO <sub>4</sub> ) <sub>3</sub> (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 <sub>14</sub> Mg <sub>9</sub> (Si <sub>10</sub> O <sub>28</sub> )(BO <sub>3</sub> ) <sub>4</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>12</sub> F <sub>2</sub>	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 <sub>3</sub>	A	1993-044	Italy	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 667	
Brochantite	Cu <sub>4</sub> (SO <sub>4</sub> )(OH) <sub>6</sub>	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 <sub>4</sub> )·H <sub>2</sub> O	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 <sub>2</sub> HgSe <sub>2</sub>	A	1999-023	Argentina	<i>Canadian Mineralogist</i> <b>40</b> (2002), 225	
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 <sub>4</sub> ) <sub>3</sub> PbCl <sub>5</sub>	A	2008-039	Italy	<i>Canadian Mineralogist</i> <b>47</b> (2009), 1237	
Brookite	TiO <sub>2</sub>	G	1825	United Kingdom	<i>Annals of Philosophy</i> <b>9</b> (1825), 140	<i>Canadian Mineralogist</i> <b>17</b> (1979), 77
Brownite	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 <sub>2</sub> Fe <sup>3+</sup> AlO <sub>5</sub>	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) <sub>2</sub>	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 <sub>3</sub> ) <sub>2</sub> ·H <sub>2</sub> O	A	1970-040	Chile	<i>Journal of Research of the U.S. Geological Survey</i> <b>2</b> (1974), 471	
Brugnatellite	Mg <sub>6</sub> Fe <sup>3+</sup> (CO <sub>3</sub> )(OH) <sub>13</sub> ·4H <sub>2</sub> O	Q	1909	Italy	<i>Rendiconti delle Sedute della Reale Accademia dei Lincei, Serie V</i> <b>18</b> (1909), 3	
Brumadoite	Cu <sub>3</sub> (Te <sup>6+</sup> O <sub>4</sub> )(OH) <sub>4</sub> ·5H <sub>2</sub> O	A	2008-028	Brazil	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1201	
Brunogeierite	Fe <sup>2+</sup> <sub>2</sub> Ge <sup>4+</sup> O <sub>4</sub>	Rd	1972-004	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1972), 263	<i>Mineralogical Magazine</i> <b>65</b> (2001), 441
Brushite	Ca(PO <sub>3</sub> OH)·2H <sub>2</sub> O	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
Buchwaldite	NaCa(PO <sub>4</sub> )	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 <sub>2</sub> BiS <sub>3</sub> )(AuTe <sub>2</sub> )	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 <sub>4</sub> )(AlSi <sub>3</sub> )O <sub>8</sub>	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 <sub>4</sub> Tl <sub>2</sub> Se <sub>4</sub>	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	$\text{Fe}^{3+}_2(\text{AsO}_4)(\text{SO}_4)(\text{OH})\cdot 7\text{H}_2\text{O}$	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	$\text{Al}_2(\text{AsO}_4)(\text{OH})_3\cdot 3\text{H}_2\text{O}$	A	1982-081	Germany	<i>Aufschluss</i> <b>34</b> (1983), 445	
Bultfonteinite	$\text{Ca}_2\text{SiO}_3(\text{OH})\text{F}\cdot \text{H}_2\text{O}$	G	1932	South Africa	<i>Mineralogical Magazine</i> <b>23</b> (1932), 145	<i>Acta Crystallographica</i> <b>16</b> (1963), 551
Bunsenite	NiO	G	1868	Germany	A System of Mineralogy, 5th ed. Wiley, New York (1868), 134	
Burangaite	$\text{NaFe}^{2+}\text{Al}_5(\text{PO}_4)_4(\text{OH})_6\cdot 2\text{H}_2\text{O}$	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	$(\text{Na,Ca})_3(\text{Sr,Ba,Ce})_3(\text{CO}_3)_5$	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 1169	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 507
Burckhardtite	$\text{Pb}_2\text{Fe}^{3+}\text{Te}^{4+}(\text{Si}_3\text{Al})\text{O}_{12}(\text{OH})_2\cdot \text{H}_2\text{O}$	A	1976-052	Mexico	<i>American Mineralogist</i> <b>64</b> (1979), 355	
Burgessite	$\text{Co}_2(\text{H}_2\text{O})_4[\text{AsO}_3(\text{OH})]_2(\text{H}_2\text{O})$	A	2007-055	Canada	<i>Canadian Mineralogist</i> <b>47</b> (2009), 159	<i>Canadian Mineralogist</i> <b>47</b> (2009), 165
Burkeite	$\text{Na}_4(\text{SO}_4)(\text{CO}_3)$	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
Burnsite	$\text{KCdCu}_7\text{O}_2(\text{SeO}_3)_2\text{Cl}_9$	A	2000-050	Russia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1171	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1587
Burovaite-Ca	$(\text{Na,K})_4\text{Ca}_2(\text{Ti,Nb})_8[\text{Si}_4\text{O}_{12}]_4(\text{OH,O})_8\cdot 12\text{H}_2\text{O}$	A	2008-001	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(2)</b> (2009), 40	
Burpalite	$\text{Na}_4\text{Ca}_2\text{Zr}_2(\text{Si}_2\text{O}_7)_2\text{F}_4$	A	1988-036	Russia	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 177	
Burtite	$\text{CaSn}^{4+}(\text{OH})_6$	A	1980-078	Morocco	<i>Canadian Mineralogist</i> <b>19</b> (1981), 397	
Buryatite	$\text{Ca}_3(\text{Si,Fe}^{3+},\text{Al})(\text{SO}_4)\text{B}(\text{OH})_4(\text{OH,O})_6\cdot 12\text{H}_2\text{O}$	A	2000-021	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(2)</b> (2001), 72	
Buseckite	$(\text{Fe,Zn,Mn})\text{S}$	A	2011-070	Poland (meteorite)	<i>American Mineralogist</i> <b>97</b> (2012), 1226	
Buserite	$\text{Na}_4\text{Mn}_{14}\text{O}_{27}\cdot 21\text{H}_2\text{O}$ (?)	A	1970-024	Japan	<i>Helvetica Chimica Acta</i> <b>54</b> (1971), 1112	<i>American Mineralogist</i> <b>68</b> (1983), 972
Bushmakinite	$\text{Pb}_2\text{Al}(\text{PO}_4)(\text{VO}_4)(\text{OH})$	A	2001-031	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(2)</b> (2002), 62	<i>Doklady Earth Sciences</i> <b>382</b> (2002), 100
Bussenite	$\text{Na}_2\text{Ba}_2\text{Fe}^{2+}\text{Ti}(\text{Si}_2\text{O}_7)(\text{CO}_3)\text{O}(\text{OH})(\text{H}_2\text{O})\text{F}$	A	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)	$(\text{Ce,REE})_3(\text{Na,H}_2\text{O})_6\text{MnSi}_9\text{Be}_5(\text{O,OH})_{30}\text{F}_4$	A	2007-039	Canada	<i>Canadian Mineralogist</i> <b>47</b> (2009), 193	
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
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)	$\text{NaBa}_2\text{Ce}_2\text{Mn}^{2+}\text{Ti}_2\text{Si}_8\text{O}_{26}(\text{F,OH})\cdot \text{H}_2\text{O}$	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	$(\text{Ba,Na,K})_2(\text{Na,Ti,Mn})_4(\text{Ti,Nb})_2\text{O}_2\text{Si}_4\text{O}_{14}(\text{H}_2\text{O,F,OH})_2\cdot 3.5\text{H}_2\text{O}$	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

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	
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	
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)	
Cafarsite	$\text{Ca}_{5.9}\text{Mn}_{1.7}\text{Fe}_3\text{Ti}_3(\text{AsO}_3)_{12}\cdot 4\text{-5H}_2\text{O}$	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	$\text{Sr}_2\text{Ca}_7(\text{Si}_4\text{O}_{10})_4(\text{OH})_2\cdot 15\text{H}_2\text{O}$	A	2013-012	South Africa	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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
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	
Calcioandyröbertsite	$\text{KCaCu}_5(\text{AsO}_4)_4[\text{As}(\text{OH})_2\text{O}_2]\cdot 2\text{H}_2\text{O}$	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>Mineralogical Record</i> <b>16</b> (1985), 477
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
Calciolangbeinite	$\text{K}_2\text{Ca}_2(\text{SO}_4)_3$	A	2011-067	Russia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 673	
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	<i>Voprosy Geologii Urana</i> . 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)	$(\text{Y}, \text{REE}, \text{Ca})(\text{B}, \text{Be})_2(\text{SiO}_4)_2(\text{OH}, \text{O})_2$	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 Namibia?)	<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	1823	United Kingdom	<i>Traité Élémentaire de Minéralogie</i> , 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	$\text{Ba}_3\text{NaTi}_4(\text{Fe}^{2+}, \text{Mn})_8(\text{Si}_2\text{O}_7)_4\text{O}_4(\text{OH}, \text{F})_7$	A	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	
Camerolaite	$\text{Cu}_4\text{Al}_2(\text{HSbO}_4, \text{SO}_4)(\text{OH})_{10}(\text{CO}_3) \cdot 2\text{H}_2\text{O}$	A	1990-036	France	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 481	<i>Canadian Mineralogist</i> <b>47</b> (2009), 635
Cameronite	$\text{AgCu}_7\text{Te}_{10}$	A	1984-069	USA	<i>Canadian Mineralogist</i> <b>24</b> (1986), 379	
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	
Caminitite	$\text{Mg}_7(\text{SO}_4)_5(\text{OH})_4 \cdot \text{H}_2\text{O}$	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
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>Acta Crystallographica</i> <b>B38</b> (1982), 2881
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	$\text{Na}_2(\text{Pb}, \text{Na})(\text{SO}_4)_3\text{Cl}$	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
Carbaborite	$\text{Ca}_2\text{Mg}[\text{B}(\text{OH})_4]_2(\text{CO}_3)_2 \cdot 4\text{H}_2\text{O}$	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>Kexue Tongbao</i> <b>27</b> (1982), 76
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
Carducciite	$(\text{Ag}_2\text{Sb}_2)\text{Pb}_{12}(\text{As}, \text{Sb})_{16}\text{S}_{40}$	A	2013-006	Italy	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Caresite	$\text{Fe}^{3+}_4\text{Al}_2(\text{OH})_{12}(\text{CO}_3) \cdot 3\text{H}_2\text{O}$	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	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Carlfrancisite	$\text{CaTe}^{6+}(\text{Te}^{4+})_2\text{O}_8$	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
Carlinite	$\text{Ti}_2\text{S}$	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
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	$\text{KF}$	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
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	

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	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
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)	$\text{Ba}_3\text{Ce}_2(\text{CO}_3)_5\text{F}_2$	A	1987 s.p.	China	<i>Scientia Geologica Sinica</i> <b>4</b> (1983), 409	
Cebollite	$\text{Ca}_5\text{Al}_2(\text{SiO}_4)_3(\text{OH})_4$	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	$\text{PbFe}^{2+}(\text{VO}_4)(\text{OH})$	A	1980-068	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 520	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 34
Čejkaite	$\text{Na}_4(\text{UO}_2)(\text{CO}_3)_3$	A	1999-045	Czech Republic	<i>American Mineralogist</i> <b>88</b> (2003), 686	<i>American Mineralogist</i> <b>98</b> (2013), 549
Celadonite	$\text{KMgFe}^{3+}\text{Si}_4\text{O}_{10}(\text{OH})_2$	A	1998 s.p.	Germany / Italy	Generum et specierum mineralium secundum ordines naturales digestorium synopsis. Halle (1847)	<i>Mineralogicheskij Zhurnal</i> <b>8(3)</b> (1986), 32
Celestine	$\text{SrSO}_4$	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	$\text{Ba}(\text{Al}_2\text{Si}_2\text{O}_8)$	G	1895	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>17</b> (1895), 578	<i>American Mineralogist</i> <b>61</b> (1976), 414
Cerchiaraitite-(Al)	$\text{Ba}_4\text{Al}_4(\text{Si}_4\text{O}_{12})\text{O}_2(\text{OH})_4\text{Cl}_2[\text{Si}_2\text{O}_3(\text{OH})_4]$	A	2012-011	USA	<i>Mineralogical Magazine</i> <b>77</b> (2013), 69	
Cerchiaraitite-(Fe)	$\text{Ba}_4\text{Fe}^{3+}_4(\text{Si}_4\text{O}_{12})\text{O}_2(\text{OH})_4\text{Cl}_2[\text{Si}_2\text{O}_3(\text{OH})_4]$	A	2012-012	Italy / USA	<i>Mineralogical Magazine</i> <b>77</b> (2013), 69	
Cerchiaraitite-(Mn)	$\text{Ba}_4\text{Mn}_4(\text{Si}_4\text{O}_{12})\text{O}_2(\text{OH})_4\text{Cl}_2[\text{Si}_2\text{O}_3(\text{OH})_4]$	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)	$\text{CeO}_2$	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)	$(\text{Ce}, \text{La}, \text{Ca})_9(\text{Mg}, \text{Fe}^{3+})(\text{SiO}_4)_3(\text{SiO}_3\text{OH})_4(\text{OH})_3$	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)	$(\text{La}, \text{Ce}, \text{Ca})_9(\text{Fe}^{3+}, \text{Ca}, \text{Mg})(\text{SiO}_4)_3(\text{SiO}_3\text{OH})_4(\text{OH})_3$	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	$\text{Cu}_2\text{CdSnS}_4$	A	1976-057	Canada	<i>Canadian Mineralogist</i> <b>16</b> (1978), 139	<i>Canadian Mineralogist</i> <b>16</b> (1978), 147
Ceruleite	$\text{Cu}_2\text{Al}_7(\text{AsO}_4)_4(\text{OH})_{13}\cdot 11.5\text{H}_2\text{O}$	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	$\text{Pb}(\text{CO}_3)$	G	1845	Italy	<i>Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien</i> (1845), 503	<i>Zeitschrift für Kristallographie</i> <b>199</b> (1992), 67
Cervandonite-(Ce)	$(\text{Ce}, \text{Nd}, \text{La})(\text{Fe}^{3+}, \text{Ti}, \text{Fe}^{2+}, \text{Al})_3\text{O}_2(\text{Si}_2\text{O}_7)_{1-x+y}(\text{AsO}_3)_{1+x-y}(\text{OH})_{3x-3y}$	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	$\text{Sb}^{3+}\text{Sb}^{5+}\text{O}_4$	Rd	1962 s.p.	Spain	<i>A System of Mineralogy, 3rd ed. Putnam, New York</i> (1850), 417	<i>Acta Crystallographica</i> <b>B33</b> (1977), 1271
Cervelleite	$\text{Ag}_4\text{TeS}$	A	1986-018	Mexico	<i>European Journal of Mineralogy</i> <b>1</b> (1989), 371	
Cesante	$\text{Ca}_2\text{Na}_3(\text{SO}_4)_3\text{OH}$	A	1980-023	Italy	<i>Mineralogical Magazine</i> <b>44</b> (1981), 269	<i>American Mineralogist</i> <b>87</b> (2002), 715
Césarferreiraite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2\cdot 8\text{H}_2\text{O}$	A	2012-099	Brasil	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Cesàrolite	$\text{PbMn}^{4+}_3\text{O}_6(\text{OH})_2$	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	$\text{Cu}_5(\text{Te}^{4+}\text{O}_3)_2(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	A	1974-006	Mexico	<i>Mineralogical Magazine</i> <b>39</b> (1974), 744	
Cesplumtantite	$\text{Cs}_2\text{Pb}_3\text{Ta}_8\text{O}_{24}$	A	1985-040	Democratic Republic of the Congo	<i>Mineralogicheskiy 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 Record</i> <b>2</b> (1971), 126
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
Chalcoyanite	$\text{Cu}(\text{SO}_4)$	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	Mn <sub>3</sub> B <sub>7</sub> O <sub>13</sub> Cl	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 665	
Chaméanite	(Cu,Fe) <sub>4</sub> As(Se,S) <sub>4</sub>	A	1980-088	France	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>29</b> (1982), 151	
Chamosite	(Fe <sup>2+</sup> ,Mg,Al,Fe <sup>3+</sup> ) <sub>6</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (OH,O) <sub>8</sub>	G	1820	Switzerland	<i>Annales des Mines</i> <b>5</b> (1820), 393	<i>Clays and Clay Minerals</i> <b>40</b> (1992), 319
Changbaiite	PbNb <sub>2</sub> O <sub>6</sub>	A ?	?	China	<i>Acta Geologica Sinica</i> <b>52</b> (1978), 53	
Changchengite	IrBiS	A	1995-047	China	<i>Acta Geologica Sinica</i> <b>71</b> (1997), 336	
Changoite	Na <sub>2</sub> Zn(SO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	A	1997-041	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1999), 97	
Chantalite	CaAl <sub>2</sub> (SiO <sub>4</sub> )(OH) <sub>4</sub>	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	Fe <sup>3+</sup> <sub>2</sub> Sb <sup>3+</sup> (SiO <sub>4</sub> ) <sub>2</sub> (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
Charlesite	Ca <sub>6</sub> Al <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> B(OH) <sub>4</sub> (OH,O) <sub>12</sub> ·26H <sub>2</sub> O	A	1981-043	USA	<i>American Mineralogist</i> <b>68</b> (1983), 1033	
Charmarite	Mn <sub>4</sub> Al <sub>2</sub> (OH) <sub>12</sub> (CO <sub>3</sub> ) <sub>3</sub> ·3H <sub>2</sub> O	A	1992-026	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1541	
Charoite	(K,Sr,Ba,Mn) <sub>15-16</sub> (Ca,Na) <sub>32</sub> [Si <sub>70</sub> (O,OH) <sub>180</sub> ](OH,F) <sub>4</sub> ·nH <sub>2</sub> 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	Cu <sub>6</sub> FeSn <sub>2</sub> S <sub>8</sub>	A	1981-004	Uzbekistan	<i>Mineralogicheskii Zhurnal</i> <b>3</b> (1981), 79	
Chayesite	K(Mg,Fe <sup>2+</sup> ) <sub>4</sub> Fe <sup>3+</sup> [Si <sub>12</sub> O <sub>30</sub> ]	A	1987-059	USA	<i>American Mineralogist</i> <b>74</b> (1989), 1368	
Chegemite	Ca <sub>7</sub> (SiO <sub>4</sub> ) <sub>3</sub> (OH) <sub>2</sub>	A	2008-038	Russia	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 1045	
Chekhovichite	Bi <sup>3+</sup> <sub>2</sub> Te <sup>4+</sup> <sub>4</sub> O <sub>11</sub>	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	CaMgB <sub>2</sub> O <sub>4</sub> Cl <sub>2</sub> ·7H <sub>2</sub> O (?)	A ?	1968	Kazakhstan	<i>Geology and Exploration of Solid Mineral Deposits of Kazakhstan</i> (1969), 169	
Chenevixite	Cu(Fe <sup>3+</sup> ,Al)(AsO <sub>4</sub> )(OH) <sub>2</sub>	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	Ir <sub>3</sub> Fe	A	1994-023	China	<i>Acta Geologica Sinica</i> <b>69</b> (1995), 215	
Chenguodaite	Ag <sub>9</sub> FeTe <sub>2</sub> S <sub>4</sub>	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	CuPb <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	A	1983-069	United Kingdom	<i>Mineralogical Magazine</i> <b>50</b> (1986), 129	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 259
Cheralite	CaTh(PO <sub>4</sub> ) <sub>2</sub>	Rd	2005 s.p.	India	<i>Mineralogical Magazine</i> <b>30</b> (1953), 93	<i>Canadian Mineralogist</i> <b>45</b> (2007), 503
Cheremnykhite	Pb <sub>3</sub> Zn <sub>3</sub> (TeO <sub>6</sub> )(VO <sub>4</sub> ) <sub>2</sub>	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> ) <sub>3</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	$\text{BaV}_2(\text{Si}_2\text{Al}_2)\text{O}_{10}(\text{OH})_2$	A	1972-006	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>101</b> (1972), 451	
Chervetite	$\text{Pb}_2\text{V}^{5+}_2\text{O}_7$	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	$\text{Na}_2\text{SiO}_2(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	2006-007	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>136(2)</b> (2007), 25	
Chessexite	$\text{Na}_4\text{Ca}_2\text{Mg}_3\text{Al}_8(\text{SiO}_4)_2(\text{SO}_4)_{10}(\text{OH})_{10} \cdot 40\text{H}_2\text{O}$	A	1981-054	France	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>62</b> (1982), 337	
Chesterite	$\text{Mg}_{17}\text{Si}_{20}\text{O}_{54}(\text{OH})_6$	A	1977-010	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1000	<i>American Mineralogist</i> <b>63</b> (1978), 1053
Chestermanite	$\text{Mg}_2(\text{Fe}^{3+}, \text{Mg}, \text{Al}, \text{Sb}^{5+})\text{O}_2(\text{BO}_3)$	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)	$\text{Ce}_4(\text{Ti}, \text{Fe}^{2+}, \text{Fe}^{3+})_5\text{O}_8(\text{Si}_2\text{O}_7)_2$	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
Chiavennite	$\text{CaMn}^{2+}(\text{BeOH})_2\text{Si}_5\text{O}_{13} \cdot 2\text{H}_2\text{O}$	A	1981-038	Italy	<i>American Mineralogist</i> <b>68</b> (1983), 623	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 1339
Chibaite	$\text{SiO}_2 \cdot n(\text{CH}_4, \text{C}_2\text{H}_6, \text{C}_3\text{H}_8, \text{C}_4\text{H}_{10})$ ; ( $n_{\text{max}} = 3/17$ )	A	2008-067	Japan	<i>Nature Communications</i> <b>2</b> (2011), 196	
Childrenite	$\text{Fe}^{2+}\text{Al}(\text{PO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$	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	$\text{Bi}_3\text{Te}^{6+}\text{Mo}^{6+}\text{O}_{10.5}$	A	1988-001	China	<i>Acta Mineralogica Sinica</i> <b>9</b> (1989), 9	
Chiolite	$\text{Na}_5\text{Al}_3\text{F}_{14}$	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
Chistyakovaite	$\text{Al}(\text{UO}_2)_2(\text{AsO}_4)_2\text{F} \cdot 6.5\text{H}_2\text{O}$	A	2005-003	Kazakhstan	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>407</b> (2006), 290	
Chivruaiite	$\text{Ca}_4(\text{Ti}, \text{Nb})_5(\text{Si}_6\text{O}_{17})_2(\text{OH}, \text{O})_5 \cdot 13-14\text{H}_2\text{O}$	A	2004-052	Russia	<i>American Mineralogist</i> <b>91</b> (2006), 922	
Chkalovite	$\text{Na}_2\text{BeSi}_2\text{O}_6$	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	$\text{Na}_2\text{CaMg}_7(\text{PO}_4)_6$	A	1993-010	USA	<i>American Mineralogist</i> <b>79</b> (1994), 375	
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.	Norway	Handbuch der Mineralchemie. Engelmann, Leipzig (1860), 351	<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	
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
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	$K_4MnCl_6$	G	1906	Italy	<i>Nature</i> <b>74</b> (1906), 103	<i>Periodico di Mineralogia</i> <b>16</b> (1947), 73
Chlorocalcite	$KCaCl_3$	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	$MgCl_2$	Q	1873	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Ser. I</i> <b>6</b> (1873), 1	
Chloromenite	$Cu_9O_2(Se^{4+}O_3)_4Cl_6$	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	$(Mn,Mg,Zn)_3Zn_2(AsO_4)(OH,O)_6$	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), 645
Chlorothionite	$K_2Cu(SO_4)Cl_2$	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	$Pb_3CuO_2Cl_2(OH)_2$	G	1923	United Kingdom	<i>Mineralogical Magazine</i> <b>20</b> (1923), 67	<i>Mineralogical Magazine</i> <b>72</b> (2008), 793
Choloalite	$(Pb,Ca)_3(Cu,Sb)_3Te_6O_{18}Cl$	A	1980-019	Mexico	<i>Mineralogical Magazine</i> <b>44</b> (1981), 55	<i>Canadian Mineralogist</i> <b>37</b> (1999), 721
Chondrodite	$Mg_5(SiO_4)_2F_2$	G	1817	Finland	<i>Svenska Vetenskaps-Akademiens Handlingar</i> (1817), 206	<i>Mineralogical Magazine</i> <b>66</b> (2002), 441
Chopinite	$Mg_3(PO_4)_2$	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	$Pb_{15-2x}Sb_{14+2x}S_{36}O_x$ ( $x \sim 0.2$ )	A	2009-055	Slovakia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 727	<i>Canadian Mineralogist</i> <b>47</b> (2009), 3 (str.)
Chrisstanleyite	$Ag_2Pd_3Se_4$	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	$TlHgAsS_3$	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	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
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>Physics and Chemistry of Minerals</i> <b>31</b> (2004), 633
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
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 <sub>2</sub> O <sub>4</sub>	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 <sub>2-x</sub> Al <sub>x</sub> )H <sub>2-x</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> ·nH <sub>2</sub> O	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 <sub>6</sub> Cu <sub>6</sub> Tl <sup>3+</sup> Cl <sub>17</sub> (OH) <sub>4</sub> ·H <sub>2</sub> O	A	2013-008	Russia	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Chrysotile	Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	Rd	2007 s.p.	Poland	<i>Gelehrte Anzeigen</i> <b>17</b> (1845), 945	<i>Canadian Mineralogist</i> <b>41</b> (2003), 883
Chudobaite	Mg <sub>5</sub> (AsO <sub>4</sub> ) <sub>2</sub> (AsO <sub>3</sub> OH) <sub>2</sub> ·10H <sub>2</sub> O	A	1962 s.p.	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1960), 1	<i>Naturwissenschaften</i> <b>63</b> (1976), 243
Chukanovite	Fe <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>2</sub>	A	2005-039	Russia (meteorite)	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 891	
Chukhrovite-(Ca)	Ca <sub>3</sub> Ca <sub>1.5</sub> Al <sub>2</sub> (SO <sub>4</sub> )F <sub>13</sub> ·12H <sub>2</sub> O	A	2010-081	Italy	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 1069	
Chukhrovite-(Ce)	Ca <sub>3</sub> CeAl <sub>2</sub> (SO <sub>4</sub> )F <sub>13</sub> ·12H <sub>2</sub> O	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 <sub>3</sub> NdAl <sub>2</sub> (SO <sub>4</sub> )F <sub>13</sub> ·12H <sub>2</sub> O	A	2004-023	Kazakhstan	<i>New Data on Minerals</i> <b>40</b> (2005), 5	
Chukhrovite-(Y)	Ca <sub>3</sub> YAl <sub>2</sub> (SO <sub>4</sub> )F <sub>13</sub> ·12H <sub>2</sub> O	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-(Nd)	Nd(PO <sub>4</sub> )·2H <sub>2</sub> O	Rn	1987 s.p.	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>268</b> (1983), 195	
Churchite-(Y)	Y(PO <sub>4</sub> )·2H <sub>2</sub> O	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	Hg <sup>1+</sup> Hg <sup>2+</sup> (AsO <sub>4</sub> )	A	1982-047a	Kyrgyzstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 341	<i>Acta Crystallographica</i> <b>B29</b> (1973), 1666
Chvaliteceite	Mn(SO <sub>4</sub> )·6H <sub>2</sub> O	A	1984-059	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 121	
Chvilevaite	Na(Cu,Fe,Zn) <sub>2</sub> S <sub>2</sub>	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	Mg <sub>2</sub> Mn <sup>2+</sup> Zn <sub>2</sub> (OH) <sub>10</sub> ·2-4H <sub>2</sub> 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	Ca <sub>4</sub> (Th, <i>REE</i> ) <sub>2</sub> Al(Si <sub>4</sub> B <sub>4</sub> O <sub>22</sub> )(OH) <sub>2</sub>	A	2001-021	Italy	<i>American Mineralogist</i> <b>87</b> (2002), 739	
Cirrolite	Ca <sub>3</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>3</sub>	Q	1868	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>25</b> (1868), 197	
Clairite	(NH <sub>4</sub> ) <sub>2</sub> Fe <sup>3+</sup> <sub>3</sub> (SO <sub>4</sub> ) <sub>4</sub> (OH) <sub>3</sub> ·3H <sub>2</sub> O	A	1982-093	South Africa	<i>Annals of the Geological Survey of South Africa</i> <b>17</b> (1983), 29	
Claraite	Cu <sup>2+</sup> <sub>3</sub> (CO <sub>3</sub> )(OH) <sub>4</sub> ·4H <sub>2</sub> O	A	1981-023	Germany	<i>Chemie der Erde</i> <b>41</b> (1982), 97	
Claringbullite	Cu <sup>2+</sup> <sub>4</sub> Cl(OH)(OH) <sub>6</sub>	A	1976-029	Zambia	<i>Mineralogical Magazine</i> <b>41</b> (1977), 433	<i>Canadian Mineralogist</i> <b>33</b> (1995), 633
Clarkeite	Na(UO <sub>2</sub> )O(OH)·nH <sub>2</sub> O	G	1931	USA	<i>American Mineralogist</i> <b>16</b> (1931), 213	<i>American Mineralogist</i> <b>82</b> (1997), 607
Claudetite	As <sub>2</sub> O <sub>3</sub>	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. Verdrière, 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	$\text{Cu}_2(\text{OH})_3\text{Cl}$	A	1993-060	Chile	<i>Canadian Mineralogist</i> <b>34</b> (1996), 61	<i>Canadian Mineralogist</i> <b>34</b> (1996), 73
Clinobarylite	$\text{BaBe}_2\text{Si}_2\text{O}_7$	A	2002-015	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(1)</b> (2003), 29	<i>Acta Crystallographica</i> <b>E68</b> (2012), i78
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-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> (1936), 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	1837	Italy	Atlas de la description d'une collection de minéraux. Richter & Hass, London (1837), 281	<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), 240
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

Clinobermorite	$\text{Ca}_5\text{Si}_6\text{O}_{16}(\text{OH})_2 \cdot 5\text{H}_2\text{O}$	A	1990-005	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), 154	<i>American Mineralogist</i> <b>53</b> (1968), 1882
Clinozoisite-(Sr)	$\text{CaSrAl}_3[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	Rn	2001-055	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>98</b> (2003), 118	
Clintonite	$\text{CaAlMg}_2(\text{SiAl}_3\text{O}_{10})(\text{OH})_2$	A	1998 s.p.	USA	Geology of New York. Part I. Geology of the First Geological District. Carroll & Cook, Albany (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
Cobaltaustinitite	$\text{CaCo}(\text{AsO}_4)(\text{OH})$	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	Traité Élémentaire de Minéralogie, 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>1</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	
Cobaltoblödite	$\text{Na}_2\text{Co}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	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	$\text{Fe}_3\text{C}$	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
Coiraitite	$(\text{Pb}, \text{Sn})_{12.5}\text{As}_3\text{Sn}_5\text{FeS}_{28}$	A	2005-024	Argentina	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1083	
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>25</b> (2009), 600	

Colinowensite	BaCuSi <sub>2</sub> O <sub>6</sub>	A	2012-060	South Africa	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Collinsite	Ca <sub>2</sub> Mg(PO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> 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	HgTe	G	1877	USA	<i>Proceedings of the American Philosophical Society</i> <b>16</b> (1877), 287	<i>Zeitschrift für Kristallographie</i> <b>63</b> (1926), 466
Colquiriite	CaLiAlF <sub>6</sub>	A	1980-015	Bolivia	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>27</b> (1980), 275	
Columbite-(Fe)	Fe <sup>2+</sup> Nb <sub>2</sub> O <sub>6</sub>	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)	MgNb <sub>2</sub> O <sub>6</sub>	Rn	1967 s.p.	Tajikistan	<i>Doklady Akademii Nauk SSSR</i> <b>148</b> (1963), 420	
Columbite-(Mn)	Mn <sup>2+</sup> Nb <sub>2</sub> O <sub>6</sub>	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	Cu <sub>12</sub> VAs <sub>3</sub> S <sub>16</sub>	G	1933	USA	<i>American Mineralogist</i> <b>18</b> (1933), 528	<i>American Mineralogist</i> <b>79</b> (1994), 750
Comancheite	Hg <sup>2+</sup> <sub>55</sub> N <sup>3-</sup> <sub>24</sub> (NH <sub>2</sub> ,OH) <sub>4</sub> (Cl,Br) <sub>34</sub>	Rd	1980-077	USA	<i>Canadian Mineralogist</i> <b>19</b> (1981), 393	
Combeite	Na <sub>4.5</sub> Ca <sub>3.5</sub> Si <sub>6</sub> O <sub>17.5</sub> (OH) <sub>0.5</sub>	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	Ni <sub>4</sub> Co <sup>3+</sup> <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>12</sub> ·3H <sub>2</sub> O	A	1978-009	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 113	
Compreignacite	K <sub>2</sub> (UO <sub>2</sub> ) <sub>6</sub> O <sub>4</sub> (OH) <sub>6</sub> ·7H <sub>2</sub> 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	Fe <sup>2+</sup> <sub>3</sub> B <sub>7</sub> O <sub>13</sub> Cl	A	1971-030	Democratic Republic of the Congo	<i>Kali und Steinsalz</i> <b>1</b> (1972), 6	<i>Canadian Mineralogist</i> <b>35</b> (1997), 189
Conichalcite	CaCu(AsO <sub>4</sub> )(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	Cu <sub>36</sub> (SO <sub>4</sub> )(OH) <sub>62</sub> Cl <sub>8</sub> ·6H <sub>2</sub> O	G	1850	USA	System of Mineralogy, 3rd ed. Putnam, New York (1850), 523	<i>Axis</i> <b>2</b> (2006), 1
Cookeite	(Al,Li) <sub>3</sub> Al <sub>2</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (OH) <sub>8</sub>	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	KMn <sup>2+</sup> <sub>13</sub> (Si,Al) <sub>18</sub> O <sub>42</sub> (OH) <sub>14</sub>	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	Cu <sup>2+</sup> <sub>4</sub> O <sub>2</sub> (AsO <sub>4</sub> )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	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>4</sub> (SO <sub>4</sub> ) <sub>6</sub> (OH) <sub>2</sub> ·20H <sub>2</sub> 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	Sb <sup>3+</sup> <sub>6</sub> O <sub>8</sub> (SO <sub>4</sub> )·H <sub>2</sub> O	A	1991-024	Italy	<i>Mineralogical Magazine</i> <b>56</b> (1992), 599	

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>24</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> (1899), 7	<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 Böhmische 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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Corrensite	$(\text{Ca}, \text{Na}, \text{K})_{1-x}(\text{Mg}, \text{Fe}, \text{Al})_9(\text{Si}, \text{Al})_8\text{O}_{20}(\text{OH})_{10} \cdot n\text{H}_2\text{O}$	G	1954	Germany	<i>Beiträge zur Mineralogie und Petrographie</i> <b>4</b> (1954), 130	<i>American Mineralogist</i> <b>82</b> (1997), 109
Corundum	$\text{Al}_2\text{O}_3$	G	1714 ?	India ?	original paper?	<i>Acta Crystallographica</i> <b>A46</b> (1990), 271
Corvusite	$(\text{Na}, \text{Ca}, \text{K})_{1-x}(\text{V}^{5+}, \text{V}^{4+}, \text{Fe}^{2+})_8\text{O}_{20} \cdot 4\text{H}_2\text{O}$	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
Coulsellite	$\text{CaNa}_3\text{AlMg}_3\text{F}_{14}$	A	2009-070	Australia	<i>Australian Journal of Mineralogy</i> <b>15</b> (2009), 25	<i>American Mineralogist</i> <b>95</b> (2010), 736
Coulsonite	$\text{Fe}^{2+}\text{V}^{3+}_2\text{O}_4$	Rd	1962 s.p.	India	<i>Geological Survey of India Memoirs</i> <b>49</b> (1937), 21	<i>American Mineralogist</i> <b>47</b> (1962), 1284
Cousinite	$\text{MgU}^{4+}_2(\text{MoO}_4)_2(\text{OH})_6 \cdot 2\text{H}_2\text{O}$ (?)	G	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	$\text{Ca}(\text{Al}_2\text{Si}_3)\text{O}_{10} \cdot 5-6\text{H}_2\text{O}$	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	
Cristobalite	$\text{SiO}_2$	G	1887	Mexico	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</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
Cryolite	$\text{Na}_2\text{NaF}_6$	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
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
Cumingtonite	$\square\text{Mg}_2\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	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	CuAl	A	1983-084	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 90	
Cuprite	Cu <sub>2</sub> O	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 546	<i>Acta Crystallographica</i> <b>A46</b> (1990), 271
Cuproauride	Cu <sub>3</sub> Au	Q	1939	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>24</b> (1939), 454	
Cuprobismutite	Cu <sub>8</sub> AgBi <sub>13</sub> S <sub>24</sub>	G	1884	USA	<i>American Journal of Science</i> <b>27</b> (1884), 355	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1481
Cuprocopiapite	Cu <sup>2+</sup> Fe <sup>3+</sup> <sub>4</sub> (SO <sub>4</sub> ) <sub>6</sub> (OH) <sub>2</sub> ·20H <sub>2</sub> O	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 737	
Cuproiridsite	CuIr <sub>2</sub> S <sub>4</sub>	A	1984-016	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 187	
Cuprokalininite	CuCr <sub>2</sub> S <sub>4</sub>	A	2010-008	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(6)</b> (2010), 39	
Cupromakopavonite	Cu <sub>8</sub> Pb <sub>4</sub> Ag <sub>3</sub> Bi <sub>19</sub> S <sub>38</sub>	A	2005-036	Austria	<i>Canadian Mineralogist</i> <b>50</b> (2012), 295	
Cupromakovickyite	Cu <sub>4</sub> AgPb <sub>2</sub> Bi <sub>9</sub> S <sub>18</sub>	A	2002-058	Austria	<i>Canadian Mineralogist</i> <b>46</b> (2008), 503	<i>Canadian Mineralogist</i> <b>46</b> (2008), 515
Cupromolybdite	Cu <sup>2+</sup> <sub>3</sub> O(Mo <sup>6+</sup> O <sub>4</sub> ) <sub>2</sub>	A	2011-005	Russia	CNMNC Newsletter 9 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2535	
Cuproneite	Cu <sub>7</sub> Pb <sub>27</sub> Bi <sub>25</sub> S <sub>68</sub>	A	2008-053	Romania	<i>Canadian Mineralogist</i> <b>50</b> (2012), 353	
Cupropavonite	Cu <sub>0.9</sub> Ag <sub>0.5</sub> Pb <sub>0.6</sub> Bi <sub>2.5</sub> S <sub>5</sub>	A	1978-033	USA	<i>Bulletin de Minéralogie</i> <b>102</b> (1979), 351	<i>Canadian Mineralogist</i> <b>18</b> (1980), 181
Cupropearceite	[Cu <sub>6</sub> As <sub>2</sub> S <sub>7</sub> ][Ag <sub>9</sub> CuS <sub>4</sub> ]	A	2007-046	Kazakhstan	<i>Mineralogical Magazine</i> <b>71</b> (2007), 641	<i>American Mineralogist</i> <b>98</b> (2013), 1279
Cupropolybasite	[Cu <sub>6</sub> Sb <sub>2</sub> S <sub>7</sub> ][Ag <sub>9</sub> CuS <sub>4</sub> ]	A	2008-004	Canada	<i>Mineralogical Magazine</i> <b>71</b> (2007), 641	<i>American Mineralogist</i> <b>98</b> (2013), 1279
Cuprorhodsite	CuRh <sub>2</sub> S <sub>4</sub>	A	1984-017	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 187	
Cuprorivaite	CaCuSi <sub>4</sub> O <sub>10</sub>	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	Cu(UO <sub>2</sub> ) <sub>2</sub> (SiO <sub>3</sub> OH) <sub>2</sub> ·6H <sub>2</sub> O	G	1933	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>56</b> (1933), 331	<i>American Mineralogist</i> <b>66</b> (1981), 610
Cuprospinel	Cu <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> O <sub>4</sub>	A	1971-020	Canada	<i>Canadian Mineralogist</i> <b>11</b> (1973), 1003	
Cuprostitite	Cu <sub>2</sub> (Sb,Tl)	A ?	1969	Denmark (Greenland)	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>98</b> (1969), 716	
Cuprotungstite	Cu <sup>2+</sup> <sub>3</sub> (WO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	G	1869	Mexico	Tableau minéralogique. Hatier, Paris (1869), 32	<i>Mineralogical Magazine</i> <b>43</b> (1979), 448
Curetonite	Ba(Al,Ti)(PO <sub>4</sub> )(OH,O)F	A	1978-065	USA	<i>Mineralogical Record</i> <b>10</b> (1979), 219	<i>American Mineralogist</i> <b>79</b> (1994), 545
Curienite	Pb(UO <sub>2</sub> ) <sub>2</sub> (VO <sub>4</sub> ) <sub>2</sub> ·5H <sub>2</sub> 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	Pb <sub>3+x</sub> [(UO <sub>2</sub> ) <sub>4</sub> O <sub>4+x</sub> (OH) <sub>3-x</sub> ] <sub>2</sub> ·2H <sub>2</sub> 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
Cuspidine	Ca <sub>8</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> F <sub>4</sub>	G	1876	Italy	<i>Atti della Regia Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>9</b> (1876), 208	<i>Canadian Mineralogist</i> <b>26</b> (1988), 933
Cuzticitite	Fe <sup>3+</sup> <sub>2</sub> Te <sup>6+</sup> O <sub>6</sub> ·3H <sub>2</sub> O	A	1980-071	Mexico	<i>Mineralogical Magazine</i> <b>46</b> (1982), 257	

Cyanochoirite	$K_2Cu(SO_4)_2 \cdot 6H_2O$	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	$Cu_4Al_2(SO_4)(OH)_{12} \cdot 2H_2O$	A	1967 s.p.	Romania	Handbuch der Mineralogie, 2nd. ed. Schrag, Nürnberg (1839), 587	<i>Canadian Mineralogist</i> <b>47</b> (2009), 635
Cylindrite	$FePb_3Sn_4Sb_2S_{14}$	G	1893	Bolivia	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</i> <b>2</b> (1893), 125	<i>American Mineralogist</i> <b>77</b> (1992), 758
Cymrite	$Ba(Si,Al)_4(O,OH)_8 \cdot H_2O$	G	1949	United Kingdom	<i>Mineralogical Magazine</i> <b>28</b> (1949), 676	<i>Crystallography Reports</i> <b>55</b> (2010), 569
Cyrllovite	$NaFe^{3+}_3(PO_4)_2(OH)_4 \cdot 2H_2O$	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
Dachiardite-Ca	$Ca_2(Si_{20}Al_4)O_{48} \cdot 13H_2O$	Rn	1997 s.p.	Italy	<i>Atti della Società Toscana di Scienze Naturali, Memorie</i> <b>14</b> (1905), 150	<i>Zeitschrift für Kristallographie</i> <b>166</b> (1984), 63
Dachiardite-Na	$Na_4(Si_{20}Al_4)O_{48} \cdot 13H_2O$	Rn	1997 s.p.	Italy	<i>Contributions to Mineralogy and Petrology</i> <b>49</b> (1975) 63	
Dadsonite	$Pb_{23}Sb_{25}S_{60}Cl$	A	1968-011	Canada	<i>Mineralogical Magazine</i> <b>37</b> (1969), 437	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1499
Daliranite	$PbHgAs_2S_6$	A	2007-010	Iran	<i>Mineralogical Magazine</i> <b>73</b> (2009), 871	
Dalnegroite	$Tl_4Pb_2(As,Sb)_{20}S_{34}$	A	2009-058	Switzerland	<i>Mineralogical Magazine</i> <b>73</b> (2009), 1027	<i>Mineralogical Magazine</i> <b>74</b> (2010), 999
Dalyite	$K_2ZrSi_6O_{15}$	G	1952	United Kingdom	<i>Mineralogical Magazine</i> <b>29</b> (1952), 850	<i>Zeitschrift für Kristallographie</i> <b>121</b> (1965), 349
Damaraitite	$Pb_3O_2(OH)Cl$	A	1989-013	Namibia	<i>Mineralogical Magazine</i> <b>54</b> (1990), 593	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 326
Damiaoite	$PtIn_2$	A	1995-041	China	<i>Acta Mineralogica Sinica</i> <b>71</b> (1997), 328	
Danalite	$Be_3Fe^{2+}_4(SiO_4)_3S$	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	$CuZn_2$	A	1981-041	China	<i>Kexue Tongbao</i> <b>22</b> (1983), 1383	
Danburite	$CaB_2Si_2O_8$	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	$(Cu,Ag)_{14}HgS_8$	A	1984-044	Australia	<i>American Mineralogist</i> <b>72</b> (1987), 401	<i>American Mineralogist</i> <b>73</b> (1988), 187
D'ansite	$Na_{21}Mg(SO_4)_{10}Cl_3$	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)	$Na_{21}Fe(SO_4)_{10}Cl_3$	A	2011-065	Italy	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2773	
D'ansite-(Mn)	$Na_{21}Mn(SO_4)_{10}Cl_3$	A	2011-064	Italy	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2773	
Dantopaite	$Ag_5Bi_3S_{22}$	A	2008-058	Austria	<i>Canadian Mineralogist</i> <b>48</b> (2010), 467	
Daomanite	$CuPtAs_2$	A ?	?	China	<i>Acta Geologica Sinica</i> <b>4</b> (1978), 320	<i>Acta Geologica Sinica</i> <b>75</b> (2001), 458
Daqingshanite-(Ce)	$Sr_3Ce(PO_4)(CO_3)_3$	A	1981-063	China	<i>Geochemistry</i> <b>2</b> (1983), 180	<i>Mineralogical Magazine</i> <b>58</b> (1994), 493
Darapiosite	$KNa_2Mn_2(Li_2ZnSi_{12})O_{30}$	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	$Na_3(SO_4)(NO_3) \cdot H_2O$	Rd	1967 s.p.	Chile	<i>Zeitschrift für Kristallographie</i> <b>19</b> (1891), 445	<i>American Mineralogist</i> <b>55</b> (1970), 1500
Darrellhenryite	$Na(Al_2Li)Al_6(Si_6O_{18})(BO_3)_3(OH)_3O$	A	2012-026	Czech Republic	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Dashkovaite	$Mg(HCOO)_2 \cdot 2H_2O$	A	2000-006	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(6)</b> (2000), 49	
Datolite	$CaB(SiO_4)(OH)$	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	BiO(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
Daubréelite	FeCr <sub>2</sub> S <sub>4</sub>	G	1876	Mexico	<i>American Journal of Science</i> <b>12</b> (1876), 109	<i>Arkiv för Mineralogi och Geologi</i> <b>17B(12)</b> (1943), 31
Davanite	K <sub>2</sub> TiSi <sub>6</sub> O <sub>15</sub>	A	1982-100	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 95	
Davidite-(Ce)	Ce(Y,U)Fe <sub>2</sub> (Ti,Fe,Cr,V) <sub>18</sub> (O,OH,F) <sub>38</sub>	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 <sub>2</sub> (Ti,Fe,Cr,V) <sub>18</sub> (O,OH,F) <sub>38</sub>	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 <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	A	2011-053	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 45	
Davinciite	Na <sub>12</sub> K <sub>3</sub> Ca <sub>6</sub> Fe <sup>2+</sup> <sub>3</sub> Zr <sub>3</sub> (Si <sub>26</sub> O <sub>73</sub> OH)Cl <sub>2</sub>	A	2011-019	Russia	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
Davisite	CaScAlSiO <sub>6</sub>	A	2008-030	Mexico (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 845	
Davreuxite	Mn <sup>2+</sup> Al <sub>6</sub> Si <sub>4</sub> O <sub>17</sub> (OH) <sub>2</sub>	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) <sub>6</sub> (SO <sub>4</sub> ) <sub>0.5</sub> Cl][Ca <sub>2</sub> Cl <sub>2</sub> ][(Si <sub>6</sub> Al <sub>6</sub> O <sub>24</sub> )]	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 <sub>3</sub> )(OH) <sub>2</sub>	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
Deanesmithite	Hg <sup>1+</sup> <sub>2</sub> Hg <sup>2+</sup> <sub>3</sub> S <sub>2</sub> O(CrO <sub>4</sub> )	A	1991-001	USA	<i>Canadian Mineralogist</i> <b>31</b> (1993), 787	<i>Canadian Mineralogist</i> <b>35</b> (1997), 765
Debattistiite	Ag <sub>9</sub> Hg <sub>0.5</sub> As <sub>6</sub> S <sub>12</sub> Te <sub>2</sub>	A	2011-098	Switzerland	<i>Mineralogical Magazine</i> <b>76</b> (2012), 743	
Decrespignyite-(Y)	Y <sub>4</sub> Cu(CO <sub>3</sub> ) <sub>4</sub> Cl(OH) <sub>5</sub> ·2H <sub>2</sub> O	A	2001-027	Australia	<i>Mineralogical Magazine</i> <b>66</b> (2002), 181	
Deerite	Fe <sup>2+</sup> <sub>6</sub> Fe <sup>3+</sup> <sub>3</sub> (Si <sub>6</sub> O <sub>17</sub> )O <sub>3</sub> (OH) <sub>5</sub>	A	1964-016	USA	<i>American Mineralogist</i> <b>50</b> (1965), 278	<i>American Mineralogist</i> <b>62</b> (1977), 990
Defernite	Ca <sub>6</sub> (CO <sub>3</sub> ) <sub>1.58</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>0.21</sub> (OH) <sub>7</sub> [Cl <sub>0.50</sub> (OH) <sub>0.08</sub> (H <sub>2</sub> O) <sub>0.42</sub> ]	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 <sup>1+</sup> Fe <sup>3+</sup> O <sub>2</sub>	G	1873	Russia	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>77</b> (1873), 211	
Delhayelite	K <sub>7</sub> Na <sub>3</sub> Ca <sub>5</sub> Al <sub>2</sub> Si <sub>14</sub> O <sub>38</sub> F <sub>4</sub> Cl <sub>2</sub>	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
Deliensite	Fe <sup>2+</sup> (UO <sub>2</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·7H <sub>2</sub> O	A	1996-013	France	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1021	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2837
Delindeite	Na <sub>2</sub> Ba <sub>2</sub> Ti <sub>3</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> O <sub>2</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O	A	1987-004	USA	<i>Mineralogical Magazine</i> <b>51</b> (1987), 417	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1307
Dellaite	Ca <sub>6</sub> (Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> )(OH) <sub>2</sub>	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 <sub>0.5</sub> REE <sub>0.25</sub> Ca <sub>0.25</sub> )(Ca <sub>0.75</sub> REE <sub>0.25</sub> )Sr <sub>1.5</sub> (CaNa <sub>0.25</sub> REE <sub>0.25</sub> )(PO <sub>4</sub> ) <sub>3</sub> F <sub>0.5</sub> (OH) <sub>0.5</sub>	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 <sub>4</sub> (UO <sub>2</sub> )Mo <sub>2</sub> O <sub>8</sub> (OH) <sub>6</sub>	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 <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	Rd	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 261	<i>American Mineralogist</i> <b>55</b> (1970), 185
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	

Demessaerite	$\text{Pb}_2\text{Cu}_5(\text{UO}_2)_2(\text{Se}^{4+}\text{O}_3)_6(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	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)	$\text{BiSBr}$	Rn	2007-022	Italy	<i>American Mineralogist</i> <b>93</b> (2008), 1603	
Demicheleite-(Cl)	$\text{BiSCl}$	A	2008-020	Italy	<i>American Mineralogist</i> <b>94</b> (2009), 1045	
Demicheleite-(I)	$\text{BiSI}$	A	2009-049	Italy	<i>Mineralogical Magazine</i> <b>74</b> (2010), 141	
Denisovite	$\text{KCa}_2\text{Si}_3\text{O}_8\text{F}$	A	1982-031	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 718	<i>Doklady Akademii Nauk SSSR</i> <b>293</b> (1987), 196
Denningite	$\text{CaMn}^{2+}\text{Te}^{4+}_4\text{O}_{10}$	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	$\text{Na}_8[\text{Al}_6\text{Si}_6\text{O}_{24}](\text{PO}_4, \text{CO}_3)_{1-x} \cdot 3\text{H}_2\text{O}$ ( $x < 0.5$ )	A	2009-075	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 63	
Derbylite	$\text{Fe}^{3+}_4\text{Ti}^{4+}_3\text{Sb}^{3+}\text{O}_{13}(\text{OH})$	G	1897	Brazil	<i>Mineralogical Magazine</i> <b>11</b> (1897), 176	<i>Canadian Mineralogist</i> <b>21</b> (1987), 513
Derriksite	$\text{Cu}_4(\text{UO}_2)(\text{Se}^{4+}\text{O}_3)_2(\text{OH})_6$	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	$\text{Ag}_2\text{AsS}_2$	Rd	1983 s.p.	France	<i>Revue des Sciences Naturelles d'Auvergne</i> <b>7</b> (1941), 110	<i>Pierres et Terre</i> <b>23-24</b> (1982), 62
Desautelsite	$\text{Mg}_6\text{Mn}^{3+}_2(\text{CO}_3)(\text{OH})_{16} \cdot 4\text{H}_2\text{O}$	A	1978-016	USA	<i>American Mineralogist</i> <b>64</b> (1979), 127	
Descloizite	$\text{PbZn}(\text{VO}_4)(\text{OH})$	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	$\text{Ca}_3\text{Mn}^{4+}(\text{SO}_4)_2(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	A	1967-039	Morocco	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>91</b> (1968), 43	
Dessauite-(Y)	$\text{Sr}(\text{Y}, \text{U}, \text{Mn})\text{Fe}_2(\text{Ti}, \text{Fe}, \text{Cr}, \text{V})_{18}(\text{O}, \text{OH})_{38}$	A	1994-057	Italy	<i>American Mineralogist</i> <b>82</b> (1997), 807	
Destinezite	$\text{Fe}^{3+}_2(\text{PO}_4)(\text{SO}_4)(\text{OH}) \cdot 6\text{H}_2\text{O}$	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)	$\text{Ce}_2(\text{C}_2\text{O}_4)_3 \cdot 10\text{H}_2\text{O}$	A	2013-003	Italy	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Devilline	$\text{CaCu}_4(\text{SO}_4)_2(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	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	$[\text{Ba}_6(\text{PO}_4)_2(\text{CO}_3)][\text{Fe}^{2+}_7(\text{OH})_4\text{Fe}^{3+}_2\text{O}_2(\text{SiO}_3)_8]$	A	2009-010	USA	<i>Canadian Mineralogist</i> <b>48</b> (2010), 29	
Dewindtite	$\text{H}_2\text{Pb}_3(\text{UO}_2)_6\text{O}_4(\text{PO}_4)_4 \cdot 12\text{H}_2\text{O}$	G	1922	Democratic Republic of the Congo	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>174</b> (1922), 623	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 399
Diaboleite	$\text{CuPb}_2\text{Cl}_2(\text{OH})_4$	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	$\text{Fe}^{3+}_2(\text{PO}_4)(\text{SO}_4)(\text{OH}) \cdot 6\text{H}_2\text{O}$	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	$\text{NaAl}_{11}\text{O}_{17}$	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	$\text{Ag}_3\text{Pb}_2\text{Sb}_3\text{S}_8$	G	1871	Czech Republic	<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	$\text{AlO}(\text{OH})$	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)	$K(NaMn)CaNa_3AlMn_{13}(PO_4)_{12}(OH)_2$	A	2005-048	USA	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Dickite	$Al_2Si_2O_5(OH)_4$	G	1930	United Kingdom	<i>American Mineralogist</i> <b>15</b> (1930), 34	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 19
Dickthomssenite	$MgV_2O_6 \cdot 7H_2O$	A	2000-047	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1691	
Diegogattaite	$Na_2CaCu_2Si_8O_{20} \cdot H_2O$	A	2012-096	South Africa	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Dietrichite	$ZnAl_2(SO_4)_4 \cdot 22H_2O$	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	$Ca_2(IO_3)_2(CrO_4) \cdot H_2O$	G	1894	Chile	<i>Zeitschrift für Kristallographie</i> <b>23</b> (1894), 588	<i>Canadian Mineralogist</i> <b>31</b> (1993), 313
Digenite	$Cu_{1.8}S$	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	$As_4S_3$	G	1850	Italy	<i>Atti della Regia Accademia delle Scienze Fisiche e Matematiche di Napoli</i> <b>9</b> (1850), 84	<i>Zeitschrift für Kristallographie</i> <b>138</b> (1973), 161
Dingdaohengite-(Ce)	$(Ce,La)_4Fe^{2+}(Ti,Fe^{2+},Mg,Fe^{3+})_2Ti_2Si_4O_{22}$	A	2005-014	China	<i>American Mineralogist</i> <b>93</b> (2008), 740	<i>Acta Mineralogica Sinica</i> <b>25</b> (2005), 313
Dinite	$C_{20}H_{36}$	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
Diomignite	$Li_2B_4O_7$	A	1984-058a	Canada	<i>Canadian Mineralogist</i> <b>25</b> (1987), 173	
Diopside	$CaMgSi_2O_6$	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	$CuSiO_3 \cdot H_2O$	G	1798	Kazakhstan	<i>Bulletin des Science, par la Société Philomathique</i> (1798), 101	<i>Doklady Akademii Nauk SSSR</i> <b>239</b> (1978) 842
Direnzoite	$NaK_6MgCa_2(Al_{13}Si_{47})O_{120} \cdot 36H_2O$	A	2006-044	France	<i>American Mineralogist</i> <b>93</b> (2008), 95	
Dissakisite-(Ce)	$CaCe(Al_2Mg)[Si_2O_7][SiO_4]O(OH)$	A	1990-004	Antarctica	<i>American Mineralogist</i> <b>76</b> (1991), 1990	<i>Canadian Mineralogist</i> <b>31</b> (1993), 153
Dissakisite-(La)	$CaLa(Al_2Mg)[Si_2O_7][SiO_4]O(OH)$	A	2003-007	Italy	<i>American Mineralogist</i> <b>90</b> (2005), 1177	<i>American Mineralogist</i> <b>91</b> (2006), 104
Disulfodadsonite	$Pb_{11}Sb_{13}S_{30}(S_2)_{0.5}$	A	2011-076	Italy	CNMNC Newsletter 12 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 151	
Dittmarite	$(NH)_4Mg(PO_4) \cdot H_2O$	G	1887	Australia	<i>Chemical News and Journal of Industrial Science</i> <b>55</b> (1887), 215	
Diversilite-(Ce)	$Na_2Ba_6Ce_2Fe^{2+}Ti_3Si_{12}O_{36}(OH)_{10} \cdot nH_2O$	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	$Cu^{1+}Fe^{3+}Mn^{2+}_{14}(As^{5+}O_4)(As^{3+}O_3)_5(SiO_4)_2(OH)_6$	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	$K_6(Fe,Cu,Ni)_{25}S_{26}Cl$	A	1965-028	South Africa	<i>Science</i> <b>153</b> (1966), 166	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1201
Djurleite	$Cu_{31}S_{16}$	A	1967 s.p.	Mexico	<i>American Mineralogist</i> <b>47</b> (1962), 1181	<i>Zeitschrift für Kristallographie</i> <b>150</b> (1979), 299
Dmisteinbergite	$Ca(Al_2Si_2O_8)$	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	$CaAl_2O_4$	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	$Cu_2O(SO_4)$	G	1872	Italy	<i>Rendiconti della Reale Accademia delle Scienze Fisiche e Matematiche di Napoli, Ser. I</i> <b>5</b> (1874), 1	<i>Monatshefte für Chemie</i> <b>116</b> (1985), 927
Dollaseite-(Ce)	$CaCe(Mg_2Al)[Si_2O_7][SiO_4]F(OH)$	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	Mikheyev (1949) ?	<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>Doklady Akademii Nauk SSSR</i> <b>28</b> (1940), 509	<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	$\text{Ca}_4[\text{Mg}_3\text{Fe}^{3+}_9]\text{O}_4[\text{Si}_3\text{Al}_8\text{Fe}^{3+}\text{O}_{36}]$	A	1987-054	USA	<i>American Mineralogist</i> <b>73</b> (1988), 1440	
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
Dravite	$\text{NaMg}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	G	1883	Austria	Lehrbuch der Mineralogie. Hölder, Wien (1883), 472	<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	Pb <sub>2</sub> As <sub>2</sub> S <sub>5</sub>	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	PbCu(AsO <sub>4</sub> )(OH)	G	1920	Namibia	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1920), 289	<i>Mineralogical Magazine</i> <b>62</b> (1998), 121
Dugganite	Pb <sub>3</sub> Zn <sub>3</sub> (TeO <sub>6</sub> )(AsO <sub>4</sub> ) <sub>2</sub>	A	1978-034	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1016	<i>Canadian Mineralogist</i> <b>36</b> (1998), 823
Dukeite	Bi <sup>3+</sup> <sub>24</sub> Cr <sup>6+</sup> <sub>8</sub> O <sub>57</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	1999-021	Brazil	<i>American Mineralogist</i> <b>85</b> (2000), 1822	
Dumontite	Pb <sub>2</sub> (UO <sub>2</sub> ) <sub>3</sub> O <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> ·5H <sub>2</sub> O	G	1924	Democratic Republic of the Congo	<i>Comptes Rendus de l'Académie des Science de Paris</i> <b>179</b> (1924), 693	<i>Bulletin de Minéralogie</i> <b>111</b> (1988), 439
Dumortierite	AlAl <sub>6</sub> BSi <sub>3</sub> O <sub>18</sub>	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	PbAl <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·H <sub>2</sub> 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	NaAl(AsO <sub>4</sub> )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	As <sub>4</sub> S	A	1973-003	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>96</b> (1973), 131	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1255
Dusmatovite	KK <sub>2</sub> Mn <sub>2</sub> (Zn <sub>2</sub> LiSi <sub>12</sub> )O <sub>30</sub>	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	BaFe <sup>3+</sup> <sub>3</sub> (AsO <sub>4</sub> )(AsO <sub>3</sub> OH)(OH) <sub>6</sub>	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	V <sup>4+</sup> O(OH) <sub>2</sub>	G	1957	USA	<i>American Mineralogist</i> <b>42</b> (1957), 455	<i>Acta Crystallographica</i> <b>11</b> (1958), 56
Dwornikite	Ni(SO <sub>4</sub> )·H <sub>2</sub> O	A	1981-031	Peru	<i>Mineralogical Magazine</i> <b>46</b> (1982), 351	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 296
Dymkovite	Ni(UO <sub>2</sub> ) <sub>2</sub> (As <sup>3+</sup> O <sub>3</sub> ) <sub>2</sub> ·7H <sub>2</sub> O	A	2010-087	Russia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 923	
Dypingite	Mg <sub>5</sub> (CO <sub>3</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·5H <sub>2</sub> O	A	1970-011	Norway	<i>American Mineralogist</i> <b>55</b> (1970), 1457	
Dyscrasite	Ag <sub>3+x</sub> Sb <sub>1-x</sub> (x ≈ 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	In(OH) <sub>3</sub>	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	FeSe <sub>2</sub>	A	1993-054	Kazakhstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(1)</b> (1995), 85	
Dzhuluite	Ca <sub>3</sub> (SnSb <sup>5+</sup> )Fe <sup>3+</sup> <sub>3</sub> O <sub>12</sub>	Rn	2010-064	Russia	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 231	
Eakerite	Ca <sub>2</sub> Sn <sup>4+</sup> Al <sub>2</sub> Si <sub>6</sub> O <sub>18</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O	A	1969-019	USA	<i>Mineralogical Record</i> <b>1</b> (1970), 92	<i>Acta Crystallographica</i> <b>E63</b> (2007), i47
Earlandite	Ca <sub>3</sub> (C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> ) <sub>2</sub> ·4H <sub>2</sub> 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	Mn <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	1983-010	USA	<i>Canadian Mineralogist</i> <b>22</b> (1984), 471	
Eastonite	KAlMg <sub>2</sub> (Si <sub>2</sub> Al <sub>2</sub> )O <sub>10</sub> (OH) <sub>2</sub>	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	ZnTiO <sub>3</sub>	A	1978-082	Australia	<i>Mineralogical Magazine</i> <b>52</b> (1988), 237	<i>Acta Crystallographica</i> <b>B60</b> (2004), 496
Ecdemite	Pb <sub>6</sub> As <sup>3+</sup> <sub>2</sub> O <sub>7</sub> Cl <sub>4</sub>	G	1877	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1877), 379	
Eckermannite	NaNa <sub>2</sub> (Mg <sub>4</sub> Al)Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	Rd	2012 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>64</b> (1942), 329	

Eckhardite	(Ca,Pb)Cu <sup>2+</sup> Te <sup>6+</sup> O <sub>5</sub> (H <sub>2</sub> O)	A	2012-085	USA	<i>American Mineralogist</i> <b>98</b> (2013), 1580	
Eclarite	(Cu,Fe)Pb <sub>9</sub> Bi <sub>12</sub> S <sub>28</sub>	A	1982-092	Austria	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>32</b> (1984), 103	<i>Canadian Mineralogist</i> <b>50</b> (2012), 371
Edenharterite	TlPbAs <sub>3</sub> S <sub>6</sub>	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	NaCa <sub>2</sub> Mg <sub>5</sub> (Si <sub>7</sub> Al)O <sub>22</sub> (OH) <sub>2</sub>	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	Hg <sup>1+</sup> <sub>6</sub> Si <sub>2</sub> O <sub>7</sub>	A	1988-028	USA	<i>Mineralogical Record</i> <b>21</b> (1990), 215	<i>American Mineralogist</i> <b>75</b> (1990), 1192
Edgarite	FeNb <sub>3</sub> S <sub>6</sub>	A	1995-017	Russia	<i>Contributions to Mineralogy and Petrology</i> <b>138</b> (2000), 229	
Edgrewite	Ca <sub>9</sub> (SiO <sub>4</sub> ) <sub>4</sub> F <sub>2</sub>	A	2011-058	Russia	<i>American Mineralogist</i> <b>97</b> (2012), 1998	
Edingtonite	Ba(Si <sub>3</sub> Al <sub>2</sub> )O <sub>10</sub> ·4H <sub>2</sub> 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
Edoylerite	Hg <sup>2+</sup> <sub>3</sub> (Cr <sup>6+</sup> O <sub>4</sub> )S <sub>2</sub>	A	1987-008	USA	<i>Mineralogical Record</i> <b>24</b> (1993), 471	<i>Canadian Mineralogist</i> <b>37</b> (1999), 113
Edwardsite	Cu <sub>3</sub> Cd <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> ·4H <sub>2</sub> O	A	2009-048	Australia	<i>Mineralogical Magazine</i> <b>74</b> (2010), 39	
Effenbergerite	BaCuSi <sub>4</sub> O <sub>10</sub>	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	(NH <sub>4</sub> ) <sub>2</sub> Mg <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	A	1987-033a	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(3)</b> (1989), 84	
Eggletonite	(Na,K,Ca) <sub>x</sub> Mn <sub>6</sub> (Si,Al) <sub>10</sub> O <sub>24</sub> (OH) <sub>4</sub> ·n H <sub>2</sub> O (x = 1-2; n = 7-11)	A	1982-059	USA	<i>Mineralogical Magazine</i> <b>48</b> (1984), 93	
Eglestonite	Hg <sup>1+</sup> <sub>6</sub> OCl <sub>3</sub> (OH)	G	1904	USA	<i>Zeitschrift für Kristallographie</i> <b>39</b> (1904), 3	<i>American Mineralogist</i> <b>77</b> (1992), 839
Ehrleite	Ca <sub>2</sub> ZnBe(PO <sub>4</sub> ) <sub>2</sub> (PO <sub>3</sub> OH)·4H <sub>2</sub> O	A	1983-039	USA	<i>Canadian Mineralogist</i> <b>23</b> (1985), 507	<i>Canadian Mineralogist</i> <b>25</b> (1987), 767
Eifelite	KNa <sub>2</sub> (MgNa)(Mg <sub>3</sub> Si <sub>12</sub> )O <sub>30</sub>	A	1980-097	Germany	<i>Contributions to Mineralogy and Petrology</i> <b>82</b> (1983), 252	
Eirikite	KNa <sub>6</sub> Be <sub>2</sub> (Si <sub>15</sub> Al <sub>3</sub> )O <sub>39</sub> F <sub>2</sub>	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	Na <sub>2</sub> Mg(CO <sub>3</sub> ) <sub>2</sub>	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 326	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 230
Ekanite	Ca <sub>2</sub> ThSi <sub>8</sub> O <sub>20</sub>	A	1967 s.p.	Sri Lanka	<i>Nature</i> <b>190</b> (1961), 997	<i>Canadian Mineralogist</i> <b>20</b> (1982), 65
Ekaterinite	Ca <sub>2</sub> B <sub>4</sub> O <sub>7</sub> Cl <sub>2</sub> ·2H <sub>2</sub> O	A	1979-067	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 469	
Ekatite	(Fe <sup>3+</sup> ,Fe <sup>2+</sup> ,Zn) <sub>12</sub> (AsO <sub>3</sub> ) <sub>6</sub> (AsO <sub>3</sub> ,SiO <sub>3</sub> OH) <sub>2</sub> (OH) <sub>6</sub>	A	1998-024	Namibia	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 769	
Ekplexite	(Nb,Mo,W)S <sub>2</sub> ·(Mg <sub>1-x</sub> Al <sub>x</sub> )(OH) <sub>2+2x</sub>	A	2011-082	Russia	CNMNC Newsletter 12 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 151	
Elbaite	Na(Al <sub>1.5</sub> Li <sub>1.5</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)	G	1913	Italy	<i>Zeitschrift für Kristallographie</i> <b>53</b> (1913), 273	<i>Canadian Mineralogist</i> <b>32</b> (1994), 31
Elbrusite	Ca <sub>3</sub> (U <sup>6+</sup> <sub>0.5</sub> Zr <sub>1.5</sub> )Fe <sup>3+</sup> <sub>3</sub> O <sub>12</sub>	Rn	2009-051	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 1172	
Eldfellite	NaFe <sup>3+</sup> (SO <sub>4</sub> ) <sub>2</sub>	A	2007-051	Iceland	<i>Mineralogical Magazine</i> <b>73</b> (2009), 51	
Eldragónite	Cu <sub>6</sub> BiSe <sub>4</sub> (Se <sub>2</sub> )	A	2010-077	Bolivia	<i>Canadian Mineralogist</i> <b>50</b> (2012), 281	



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	$\text{Ti}_3\text{AsS}_3$	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
Eltyubuyite	$\text{Ca}_{12}\text{Fe}^{3+}_{10}\text{Si}_4\text{O}_{32}\text{Cl}_{16}$	A	2011-022	Russia	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 221	
Elyite	$\text{CuPb}_4(\text{SO}_4)\text{O}_2(\text{OH})_4\cdot \text{H}_2\text{O}$	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
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 and Arts</i> <b>38</b> (1914), 153	<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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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
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	$\text{Na}_2\text{Be}_3\text{Si}_6\text{O}_{15}\cdot \text{H}_2\text{O}$	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-(Pb)	$\text{CaPb}(\text{Al}_2\text{Fe}^{3+})[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	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
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	
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	$\text{Na}_4\text{TiNb}_2(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2\cdot 4\text{H}_2\text{O}$	G	1901	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 183	<i>Canadian Mineralogist</i> <b>42</b> (2004), 797

Epsomite	Mg(SO <sub>4</sub> )·7H <sub>2</sub> O	G	1805	United Kingdom	System of Mineralogy, Vol. 2. Bell and Bradfute, Edinburgh (1805), 22	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 449
Ercitite	NaMn <sup>3+</sup> (PO <sub>4</sub> )(OH)·2H <sub>2</sub> O	A	1999-036	Canada	<i>Canadian Mineralogist</i> <b>38</b> (2000), 893	<i>Canadian Mineralogist</i> <b>47</b> (2009), 173
Erdite	NaFeS <sub>2</sub> ·2H <sub>2</sub> O	A	1977-048	USA	<i>American Mineralogist</i> <b>65</b> (1980), 509	<i>American Mineralogist</i> <b>65</b> (1980), 516
Ericaite	Fe <sup>2+</sup> <sub>3</sub> B <sub>7</sub> O <sub>13</sub> Cl	G	1950	Germany	<i>Aufschluss</i> <b>1</b> (1950), 24	<i>Chemie der Erde</i> <b>17</b> (1955), 211
Ericlaxmanite	Cu <sub>4</sub> O(AsO <sub>4</sub> ) <sub>2</sub>	A	2013-022	Russia	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Ericssonite	BaMn <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> (Si <sub>2</sub> O <sub>7</sub> )O(OH)	Rd	1966-013	Sweden	<i>Lithos</i> <b>4</b> (1971), 137	
Erikapohlite	Cu <sup>2+</sup> <sub>3</sub> (Zn,Cu,Mg) <sub>4</sub> Ca <sub>2</sub> (AsO <sub>4</sub> ) <sub>6</sub> ·2H <sub>2</sub> O	A	2010-090	Namibia	CNMNC Newsletter 9 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2535	
Eringaite	Ca <sub>3</sub> Sc <sub>2</sub> Si <sub>3</sub> O <sub>12</sub>	A	2009-054	Russia	<i>Mineralogical Magazine</i> <b>74</b> (2010), 365	
Eriochalcite	CuCl <sub>2</sub> ·2H <sub>2</sub> 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	Ca <sub>5</sub> [Si <sub>26</sub> Al <sub>10</sub> O <sub>72</sub> ]·30H <sub>2</sub> 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	K <sub>10</sub> [Si <sub>26</sub> Al <sub>10</sub> O <sub>72</sub> ]·30H <sub>2</sub> 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	Na <sub>10</sub> [Si <sub>26</sub> Al <sub>10</sub> O <sub>72</sub> ]·30H <sub>2</sub> 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	Fe <sup>2+</sup> <sub>4</sub> Fe <sup>3+</sup> <sub>2</sub> Si <sub>6</sub> O <sub>15</sub> (OH) <sub>8</sub>	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
Erniennickelite	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	
Ernigglite	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
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 Palaontologie</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	1825	Slovakia	<i>Edinburgh Journal of Science</i> <b>2</b> (1825), 133	<i>Acta Crystallographica</i> <b>C45</b> (1989), 1479
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
Eudidymite	Na <sub>2</sub> Be <sub>2</sub> Si <sub>6</sub> O <sub>15</sub> ·H <sub>2</sub> 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	Ag <sub>11</sub> Hg <sub>2</sub>	A	1981-037	Poland	<i>Mineralogia Polonica</i> <b>17(2)</b> (1986), 3	
Eugsterite	Na <sub>4</sub> Ca(SO <sub>4</sub> ) <sub>3</sub> ·2H <sub>2</sub> O	A	1980-008	Kenya	<i>American Mineralogist</i> <b>66</b> (1981), 632	
Eulytine	Bi <sub>4</sub> (SiO <sub>4</sub> ) <sub>3</sub>	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	(Cu,Zn) <sub>16</sub> (Te <sup>4+</sup> O <sub>3</sub> ) <sub>2</sub> (AsO <sub>4</sub> ) <sub>3</sub> Cl(OH) <sub>18</sub> ·7H <sub>2</sub> O	A	2009-072	USA	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 26	
Euxenite-(Y)	(Y,Ca,Ce,U,Th)(Nb,Ta,Ti) <sub>2</sub> O <sub>6</sub>	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	Al <sub>3</sub> (PO <sub>4</sub> )(OH) <sub>6</sub> ·8H <sub>2</sub> 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
Eveite	Mn <sup>2+</sup> <sub>2</sub> (AsO <sub>4</sub> )(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	C <sub>23</sub> H <sub>48</sub>	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	(Ca,K,Na,Sr,Ba) <sub>48</sub> (Ti,Nb,Fe,Mn) <sub>12</sub> (OH) <sub>12</sub> Si <sub>48</sub> O <sub>144</sub> (OH,F,Cl) <sub>14</sub>	A	2001-023	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(1)</b> (2003), 59	
Ewaldite	Ba(Na,Ca,Y,Ce,K)(CO <sub>3</sub> ) <sub>2</sub> ·2.6H <sub>2</sub> 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
Eylettersite	Th <sub>0.75</sub> Al <sub>3</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>6</sub>	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	Fe <sup>3+</sup> Ge <sup>4+</sup> <sub>3</sub> O <sub>7</sub> (OH)	A	2003-052	Namibia	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1771	
Ezcurrite	Na <sub>2</sub> B <sub>5</sub> O <sub>7</sub> (OH) <sub>3</sub> ·2H <sub>2</sub> O	G	1957	Argentina	<i>Economic Geology</i> <b>52</b> (1957), 426	<i>American Mineralogist</i> <b>58</b> (1973), 110
Eztlite	Pb <sub>2</sub> Fe <sup>3+</sup> <sub>6</sub> (Te <sup>4+</sup> O <sub>3</sub> ) <sub>3</sub> (Te <sup>6+</sup> O <sub>6</sub> )(OH) <sub>10</sub> ·8H <sub>2</sub> O	A	1980-072	Mexico	<i>Mineralogical Magazine</i> <b>46</b> (1982), 257	
Fabianite	CaB <sub>3</sub> O <sub>5</sub> (OH)	A	1967 s.p.	Germany	<i>Kali und Steinsalz</i> <b>9</b> (1962), 285	<i>Zeitschrift für Kristallographie</i> <b>132</b> (1970), 241

Fabriesite	$\text{Na}_3\text{Al}_3\text{Si}_3\text{O}_{12}\cdot 2\text{H}_2\text{O}$	A	2012-080	Myanmar	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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>American Mineralogist</i> <b>49</b> (1964), 395
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	$\text{Pb}_3\text{Sb}_2\text{S}_6$	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
Falsterite	$\text{Ca}_2\text{MgMn}^{2+}_2\text{Fe}^{2+}_2\text{Fe}^{3+}_2\text{Zn}_4(\text{PO}_4)_8(\text{OH})_4(\text{H}_2\text{O})_{14}$	A	2011-061	USA	<i>American Mineralogist</i> <b>97</b> (2011), 496	
Famatinite	$\text{Cu}_3\text{SbS}_4$	G	1873	Argentina	<i>Mineralogische Mittheilungen</i> <b>4</b> (1873), 219	<i>Zeitschrift für Kristallographie</i> <b>219</b> (2004), 20
Fangite	$\text{Ti}_3\text{AsS}_4$	A	1991-047	USA	<i>American Mineralogist</i> <b>78</b> (1993), 1096	
Fantappièite	$[\text{Na}_{82.5}\text{Ca}_{33}\text{K}_{16.5}]_{\Sigma=132}(\text{Si}_{99}\text{Al}_{99}\text{O}_{396})(\text{SO}_4)_{33}\cdot 6\text{H}_2\text{O}$	A	2008-006	Italy	<i>American Mineralogist</i> <b>95</b> (2010), 472	
Farneseite	$\text{Na}_{46}\text{Ca}_{10}(\text{Si}_{42}\text{Al}_{42}\text{O}_{168})(\text{SO}_4)_{12}\cdot 6\text{H}_2\text{O}$	A	2004-043	Italy	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 839	
Farringtonite	$\text{Mg}_3(\text{PO}_4)_2$	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	$\text{Pb}_2(\text{CO}_3)(\text{S}_2\text{O}_3)$	A	2011-048	Italy	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2721	
Faujasite-Ca	$(\text{Ca},\text{Na},\text{Mg})_5(\text{Si},\text{Al})_{12}\text{O}_{24}\cdot 15\text{H}_2\text{O}$	A	1997 s.p.	Germany	<i>Annales des Mines, Ser. 4</i> <b>1</b> (1842), 395	<i>Materials Research Bulletin</i> <b>7</b> (1972), 1311
Faujasite-Mg	$(\text{Mg},\text{Na},\text{K},\text{Ca})_5(\text{Si},\text{Al})_{12}\text{O}_{24}\cdot 15\text{H}_2\text{O}$	A	1997 s.p.	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1975), 433	
Faujasite-Na	$(\text{Na},\text{Ca},\text{Mg})_5(\text{Si},\text{Al})_{12}\text{O}_{24}\cdot 15\text{H}_2\text{O}$	Rn	1997 s.p.	Germany	<i>American Mineralogist</i> <b>67</b> (1982), 794	<i>American Mineralogist</i> <b>49</b> (1964), 697
Faustite	$\text{ZnAl}_6(\text{PO}_4)_4(\text{OH})_8\cdot 4\text{H}_2\text{O}$	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 964	<i>Mineralogical Magazine</i> <b>64</b> (2000), 905
Fayalite	$\text{Fe}^{2+}_2(\text{SiO}_4)$	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	$(\text{K},\text{Na})_{2.5}(\text{Ca},\text{Na})_7\text{Si}_{16}\text{O}_{38}(\text{OH},\text{F})_2\cdot 3.5\text{H}_2\text{O}$	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	$\text{Ca}_2\text{Mg}_2\text{B}_4\text{O}_7(\text{OH})_6$	A	1975-006	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 71	
Fedotovite	$\text{K}_2\text{Cu}_3\text{O}(\text{SO}_4)_3$	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	$\text{Pb}_2\text{Zn}(\text{AsO}_4)_2\cdot \text{H}_2\text{O}$	A	1995-013	Namibia	<i>Mineralogical Magazine</i> <b>61</b> (1997), 285	
Feitknechtite	$\text{Mn}^{3+}\text{O}(\text{OH})$	A	1968 s.p.	USA	<i>American Mineralogist</i> <b>50</b> (1965), 1296	
Fejerite	$\text{Cu}_4\text{ClF}(\text{OH})_6$	A	2012-014	Mexico	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Feklichevite	$\text{Na}_{11}\text{Ca}_9(\text{Fe}^{3+},\text{Fe}^{2+})_2\text{Zr}_3\text{Nb}(\text{Si}_{25}\text{O}_{73})(\text{OH},\text{H}_2\text{O},\text{Cl},\text{O})_5$	A	2000-017	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 55	

Felbertalite	$\text{Cu}_2\text{Pb}_6\text{Bi}_8\text{S}_{19}$	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
Felsőbányaite	$\text{Al}_4(\text{SO}_4)(\text{OH})_{10}\cdot 4\text{H}_2\text{O}$	G	1853	Romania	<i>Sitzungsberichte der Königl. Akademie der Wissenschaften Wien</i> <b>10</b> (1902), 294	<i>Acta Mineralogica-Petrographica</i> <b>38</b> (1997), 5
Fenaksite	$\text{KNaFe}^{2+}\text{Si}_4\text{O}_{10}$	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	$\text{Ba}_6\text{Fe}^{3+}_3\text{Si}_8\text{O}_{23}(\text{CO}_3)_2\text{Cl}_3\cdot \text{H}_2\text{O}$	A	2000-023	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1059	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1065
Fengchengite	$\text{Na}_{12}\square_3(\text{Ca},\text{Sr})_6\text{Fe}^{3+}_3\text{Zr}_3\text{Si}(\text{Si}_{25}\text{O}_{73})(\text{H}_2\text{O},\text{OH})_3(\text{OH},\text{Cl})_2$	A	2007-018a	China	CNMNC Newsletter 11 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2887	
Ferberite	$\text{Fe}^{2+}(\text{WO}_4)$	G	1863	Spain	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</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	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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)-β	$\text{CeNbO}_4$	A	1975 s.p.	China	<i>Geochimica</i> <b>2</b> (1973), 86	
Fergusonite-(Nd)-β	$\text{NdNbO}_4$	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)-β	$\text{YNbO}_4$	A	1987 s.p.	Tajikistan	<i>Geologiya Rudnykh Mestorozhdenii</i> <b>9</b> (1961), 28	<i>American Mineralogist</i> <b>95</b> (2010), 487
Ferhodsit	$(\text{Fe},\text{Rh},\text{Ni},\text{Ir},\text{Cu},\text{Pt})_9\text{S}_8$	A	2009-056	Russia	nyp	
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
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
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	CNMNC Newsletter 8 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 289	
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
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	$\text{Na}(\text{NaCa})(\text{Mg}_4\text{Fe}^{3+})(\text{Si}_7\text{Al})\text{O}_{22}\text{F}_2$	Rd	2012 s.p.	Canada	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1171	
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	
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>Mineralogical Journal</i> <b>13</b> (1986), 119	
Ferrihydrite	$\text{Fe}^{3+}_{10}\text{O}_{14}(\text{OH})_2$	A	1971-015	Russia	<i>Izvestiya Akademii Nauk SSSR</i> <b>4</b> (1973), 33	<i>American Mineralogist</i> <b>98</b> (2013), 848
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	$\text{NaNa}_2(\text{Mg}_2\text{Fe}^{3+}_2\text{Li})\text{Si}_8\text{O}_{22}(\text{OH})_2$	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> (1993), 215	<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	1914 ?	Russia		<i>American Mineralogist</i> <b>48</b> (1963), 14
Ferrinatrite	$\text{Na}_3\text{Fe}^{3+}(\text{SO}_4)_3\cdot 3\text{H}_2\text{O}$	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	$\text{NaNa}_2(\text{Mg}_3\text{Fe}^{3+}\text{Ti}^{4+})\text{Si}_8\text{O}_{22}\text{O}_2$	Rd	2012 s.p.	Germany	<i>American Mineralogist</i> <b>85</b> (2000), 236	
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	
Ferripyrophyllite	$\text{Fe}^{3+}\text{Si}_2\text{O}_5(\text{OH})$	A	1978-062	Germany	<i>Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya</i> <b>2</b> (1980), 5	<i>Chemie der Erde</i> <b>38</b> (1980), 324
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	Morocco	<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	
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 Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(3)</b> (2005), 74	<i>Canadian Mineralogist</i> <b>39</b> (2001), 171
Ferro-actinolite	$\square\text{Ca}_2(\text{Mg}_{2.5-0.0}\text{Fe}^{2+}_{2.5-5.0})\text{Si}_8\text{O}_{22}(\text{OH})_2$	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>Annales des Mines</i> <b>13</b> (1848), 341	<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	
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
Ferroceladonite	$\text{KFe}^{2+}\text{Fe}^{3+}\text{Si}_4\text{O}_{10}(\text{OH})_2$	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	
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	$\text{BaFe}^{2+}_2\text{Fe}^{3+}\text{O}(\text{Si}_2\text{O}_7)(\text{OH})$	A	2010-025	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 587	
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-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

Ferrohexahydrite	$\text{Fe}^{2+}\text{SO}_4 \cdot 6\text{H}_2\text{O}$	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?	
Ferroidialite	$(\text{Fe}^{2+}, \text{Mg})_2\text{Al}_4\text{Si}_5\text{O}_{18}$	A	2013-016	Germany	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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), 1	
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	
Ferrokësterite	$\text{Cu}_2(\text{Fe}, \text{Zn})\text{SnS}_4$	Rn	1985-012	United Kingdom	<i>Canadian Mineralogist</i> <b>27</b> (1989), 673	
Ferrokinositalite	$\text{BaFe}^{2+}_3(\text{Si}_2\text{Al}_2)\text{O}_{10}(\text{OH})_2$	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	$\text{Ca}_9\text{NaFe}(\text{PO}_4)_7$	A	2006-039	India (meteorite)	nyp	
Ferronickelplatinum	$\text{Pt}_2\text{FeNi}$	A	1982-071	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 487	
Ferronigerite-2N1S	$(\text{Al}, \text{Fe}, \text{Zn})_2(\text{Al}, \text{Sn})_6\text{O}_{11}(\text{OH})$	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	$(\text{Al}, \text{Fe}, \text{Zn})_3(\text{Al}, \text{Sn}, \text{Fe})_8\text{O}_{15}(\text{OH})$	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)	$\text{Na}_3\text{SrCeFe}^{2+}\text{Si}_6\text{O}_{17}$	A	1997-008	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(1)</b> (1999), 32	<i>Crystallography Reports</i> <b>44</b> (1999), 565
Ferronordite-(La)	$\text{Na}_3\text{SrLaFe}^{2+}\text{Si}_6\text{O}_{17}$	A	2000-015	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(2)</b> (2001), 53	
Ferro-pargasite	$\text{NaCa}_2(\text{Fe}^{2+}_4\text{Al})(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	United Kingdom	<i>American Mineralogist</i> <b>46</b> (1961), 340	<i>American Mineralogist</i> <b>78</b> (1993), 746
Ferrorhodsitite	$\text{FeRh}_2\text{S}_4$	A	1996-047	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(5)</b> (1999), 37	
Ferro-richterite	$\text{Na}(\text{NaCa})\text{Fe}^{2+}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	unknown	<i>Årsbok Sveriges Geologiska Undersökning</i> <b>40</b> (1946), 16	
Ferrorosemaryite	$\square\text{NaFe}^{2+}\text{Fe}^{3+}\text{Al}(\text{PO}_4)_3$	A	2003-063	Rwanda	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 749	
Ferrosaponite	$\text{Ca}_{0.3}(\text{Fe}^{2+}, \text{Mg}, \text{Fe}^{3+})_3(\text{Si}, \text{Al})_4\text{O}_{10}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	A	2002-028	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(2)</b> (2003), 68	
Ferroselite	$\text{FeSe}_2$	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	$\text{Fe}^{2+}_2\text{Si}_2\text{O}_6$	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	$(\text{Fe}, \text{Co})\text{As}_3$	A	2006-032	Russia	<i>Transactions (Doklady) of the Russian Academy of Sciences, Earth Science Section</i> <b>417</b> (2007), 1278	

Ferrostrunzite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 6\text{H}_2\text{O}$	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	$(\text{Fe}^{2+}, \text{Mg}, \text{Zn})_3\text{Al}_8\text{BeO}_{16}$	A	2011-025	China	<i>Canadian Mineralogist</i> <b>50</b> (2012), 21	
Ferrotaafeite-6N'3S	$\text{BeFe}^{2+}_2\text{Al}_6\text{O}_{12}$	Rn	2001 s.p.	Finland	<i>Canadian Mineralogist</i> <b>19</b> (1981), 311	
Ferro-taramite	$\text{Na}(\text{NaCa})(\text{Fe}^{2+}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Norway	<i>American Mineralogist</i> <b>92</b> (2007), 1428	
Ferrotellurite	$\text{Fe}(\text{Te}^{6+}\text{O}_4)$ (?)	Q	1892	USA	The system of mineralogy, 6th ed. Wiley, New York (1892), 980	<i>American Journal of Science</i> <b>14</b> (1877), 423
Ferrotitanowodginite	$\text{Fe}^{2+}\text{TiTa}_2\text{O}_8$	A	1998-028	Argentina	<i>American Mineralogist</i> <b>84</b> (1999), 773	
Ferrotchilinite	$[\text{FeS}] \cdot \approx 0.85[\text{Fe}^{2+}(\text{OH})_2]$	A	2010-080	Russia	CNMNC Newsletter 8 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 289	
Ferrotychite	$\text{Na}_6\text{Fe}^{2+}_2(\text{CO}_3)_4(\text{SO}_4)$	A	1980-050	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 600	
Ferrovalleriite	$2[(\text{Fe}, \text{Cu})\text{S}] \cdot 1.53[(\text{Fe}, \text{Al}, \text{Mg})(\text{OH})_2]$	A	2011-068	Russia	CNMNC Newsletter 11 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2887	
Ferrowdginite	$\text{Fe}^{2+}\text{Sn}^{4+}\text{Ta}_2\text{O}_8$	A	1984-006	Finland	<i>Canadian Mineralogist</i> <b>30</b> (1992), 633	
Ferrowyllieite	$(\text{Na}, \text{Ca}, \text{Mn}^{2+})_2\text{Fe}^{2+}_2\text{Al}(\text{PO}_4)_3$	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	$\text{Ca}_4(\text{Na}, \text{Ca})_4(\text{Ti}, \text{Nb})_4(\text{Si}_2\text{O}_7)_2\text{O}_8\text{F}_3$	G	1929	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>12</b> (1929), 297	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1421
Fersmite	$(\text{Ca}, \text{Ce}, \text{Na})(\text{Nb}, \text{Ta}, \text{Ti})_2(\text{O}, \text{OH}, \text{F})_6$	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	
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
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>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>28</b> (1981), 17
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	$\text{K}(\text{Al}, \text{Zn})_2(\text{As}, \text{Si})_2\text{O}_8$	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
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>703</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	Ag <sub>3</sub> AuSe <sub>2</sub>	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	K <sub>4</sub> Ca <sub>2</sub> [AlSi <sub>7</sub> O <sub>17</sub> (O <sub>2-x</sub> OH <sub>x</sub> )][(H <sub>2</sub> O) <sub>2-x</sub> OH <sub>x</sub> ]Cl (x=0–2)	A	2009-067	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 47	
Fizélyite	Ag <sub>5</sub> Pb <sub>14</sub> Sb <sub>21</sub> S <sub>48</sub>	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	C <sub>10</sub> H <sub>22</sub> O <sub>3</sub>	G	1920	USA	<i>American Mineralogist</i> <b>5</b> (1920), 169	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1965), 19
Fleischerite	Pb <sub>3</sub> Ge(SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> 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
Fletcherite	CuNi <sub>2</sub> S <sub>4</sub>	A	1976-044	USA	<i>Economic Geology</i> <b>72</b> (1977), 480	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 35
Flinkite	Mn <sup>2+</sup> <sub>2</sub> Mn <sup>3+</sup> (AsO <sub>4</sub> )(OH) <sub>4</sub>	G	1889	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>11</b> (1889), 212	<i>Acta Crystallographica</i> <b>E57</b> (2001), i115
Florencite-(Ce)	CeAl <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	A	1987 s.p.	Brazil	<i>Nature</i> <b>61</b> (1899), 119	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 227
Florencite-(La)	LaAl <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	A	1987 s.p.	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>18</b> (1980), 301	
Florencite-(Nd)	NdAl <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	A	1987 s.p.	USA	<i>Mineralogical Record</i> <b>2</b> (1971), 166	
Florencite-(Sm)	SmAl <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	A	2009-074	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(4)</b> (2010), 16	
Florenskyite	FeTiP	A	1999-013	Yemen (meteorite)	<i>American Mineralogist</i> <b>85</b> (2000), 1082	
Florensovite	Cu(Cr <sub>1.5</sub> Sb <sub>0.5</sub> )S <sub>4</sub>	A	1987-012	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(1)</b> (1990), 57	
Flörkeite	(K <sub>3</sub> Ca <sub>2</sub> Na)[Al <sub>8</sub> Si <sub>8</sub> O <sub>32</sub> ]·12H <sub>2</sub> O	A	2008-036	Germany	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 901	
Fluckite	CaMn <sup>2+</sup> (AsO <sub>3</sub> OH) <sub>2</sub> ·2H <sub>2</sub> 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	Al <sub>2</sub> (PO <sub>4</sub> )F <sub>2</sub> (OH)·7H <sub>2</sub> 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	Mg <sub>3</sub> (BO <sub>3</sub> )F <sub>3</sub>	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)	CeF <sub>3</sub>	A	1987 s.p.	Sweden	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 499	<i>Acta Crystallographica</i> <b>B32</b> (1976), 94
Fluocerite-(La)	LaF <sub>3</sub>	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), 914
Fluorannite	KFe <sup>2+</sup> <sub>3</sub> (Si <sub>3</sub> Al)O <sub>10</sub> F <sub>2</sub>	A	1999-048	China	<i>Acta Petrologica et Mineralogica</i> <b>19</b> (2000), 356	
Fluorapatite	Ca <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> F	Rn	2010 s.p.	unknown	Handbuch der Mineralchemie. Engelmann, Leipzig (1860), 351	
Fluorarrojadite-(BaFe)	Na <sub>2</sub> CaBaFe <sup>2+</sup> Fe <sup>2+</sup> <sub>13</sub> Al(PO <sub>4</sub> ) <sub>11</sub> (PO <sub>3</sub> OH)F <sub>2</sub>	A	2005-058a	Morocco	<i>American Mineralogist</i> <b>91</b> (2006), 1260	<i>American Mineralogist</i> <b>91</b> (2006), 1249
Fluorbritholite-(Ce)	(Ce,Ca) <sub>5</sub> (SiO <sub>4</sub> ) <sub>3</sub> F	A	1991-027	Canada	<i>Journal of Wuhan University of Technology</i> <b>9(3)</b> (1994), 9	

Fluorbritholite-(Y)	$(Y,Ca)_5(SiO_4)_3F$	A	2009-005	Norway	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>188</b> (2011), 191	
Fluor-buergerite	$NaFe^{3+}_3Al_6(Si_6O_{18})(BO_3)_3O_3F$	Rd	1965-005	Mexico	<i>American Mineralogist</i> <b>51</b> (1966), 198	<i>Acta Crystallographica</i> <b>B25</b> (1969), 1524
Fluorcalciobrittholite	$(Ca,REE)_5(SiO_4,PO_4)_3F$	A	2006-010	Russia	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 95	
Fluorcalciomicrolite	$(Ca,Na)_2Ta_2(O,OH)_6F$	A	2012-036	Brazil	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Fluorcalciroméite	$(Ca,Na)_2Sb^{5+}_2O_6F$	A	2012-093	Switzerland	<i>Mineralogical Magazine</i> <b>77</b> (2013), 467	
Fluorcanasite	$K_3Na_3Ca_5Si_{12}O_{30}F_4 \cdot H_2O$	A	2007-031	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138</b> (2009), 52	
Fluorcaphite	$SrCaCa_3(PO_4)_3F$	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
Fluorchegemite	$Ca_7(SiO_4)_3F_2$	A	2011-112	Russia	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Fluor-dravite	$NaMg_3Al_6(Si_6O_{18})(BO_3)_3(OH)_3F$	A	2009-089	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 57	
Fluor-elbaite	$Na(Li_{1.5}Al_{1.5})Al_6(Si_6O_{18})(BO_3)_3(OH)_3F$	A	2011-071	Canada	<i>American Mineralogist</i> <b>98</b> (2013), 297	
Fluorellestadite	$Ca_5(SiO_4)_{1.5}(SO_4)_{1.5}F$	Rd	1987-002	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 743	
Fluorite	$CaF_2$	G	?	unknown	original paper?	<i>Physics and Chemistry of Minerals</i> <b>29</b> (2002), 465
Fluor-liddicoatite	$Ca(Li_2Al)Al_6(Si_6O_{18})(BO_3)_3(OH)_3F$	Rd	1976-041	Madagascar	<i>American Mineralogist</i> <b>62</b> (1977), 1121	<i>American Mineralogist</i> <b>96</b> (2011), 895
Fluormayenite	$Ca_{12}Al_{14}O_{32}F_2$	A	2013-019	Israel	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Fluornatromicrolite	$(Na_{1.5}Bi_{0.5})Ta_2O_6F$	A	1998-018	Brazil	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1105	
Fluoro-cannilloite	$CaCa_2(Mg_4Al)(Si_5Al_3)O_{22}F_2$	Rd	2012 s.p.	Finland	<i>American Mineralogist</i> <b>81</b> (1996), 995	
Fluorocronite	$PbF_2$	A	2010-023	Russia	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 695	
Fluoro-edenite	$NaCa_2Mg_5(Si_7Al)O_{22}F_2$	Rd	2012 s.p.	Italy	<i>American Mineralogist</i> <b>86</b> (2001), 1489	<i>Canadian Mineralogist</i> <b>32</b> (1994), 21
Fluorokinoshitalite	$BaMg_3Al_2Si_2O_{10}F_2$	A	2010-001	China	CNMNC Newsletter 2 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 375	
Fluoro-leakeite	$NaNa_2(Mg_2Al_2Li)Si_8O_{22}F_2$	Rd	2012 s.p.	Sweden	<i>Mineralogical Magazine</i> <b>73</b> (2009), 817	
Fluoro-nybøite	$NaNa_2(Mg_3Al_2)(Si_7Al)O_{22}F_2$	Rd	2012 s.p.	China	<i>Mineralogical Magazine</i> <b>67</b> (2003), 769	
Fluoro-pargasite	$NaCa_2(Mg_4Al)(Si_6Al_2)O_{22}F_2$	Rd	2012 s.p.	USA	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1423	
Fluoro-pedrizite	$NaLi_2(Mg_2Al_2Li)Si_8O_{22}F_2$	Rd	2012 s.p.	Russia	<i>American Mineralogist</i> <b>90</b> (2005), 732	
Fluorophlogopite	$KMg_3(Si_3Al)O_{10}F_2$	A	2006-011	Italy	<i>American Mineralogist</i> <b>92</b> (2007), 1601	<i>American Mineralogist</i> <b>98</b> (2013), 1017
Fluoro-richterite	$Na(NaCa)Mg_5Si_8O_{22}F_2$	Rd	2012 s.p.	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(3)</b> (1993), 98	<i>American Mineralogist</i> <b>68</b> (1983), 924
Fluoro-riebeckite	$\square Na_2(Fe^{2+}_3Fe^{3+}_2)Si_8O_{22}F_2$	Rd	2012 s.p.	USA	<i>Canadian Mineralogist</i> <b>16</b> (1978), 187	
Fluoro-taramite	$Na(NaCa)(Mg_3Al_2)(Si_6Al_2)O_{22}F_2$	Rd	2012 s.p.	China	<i>American Mineralogist</i> <b>92</b> (2007), 1428	
Fluorotetraferriphlogopite	$KMg_3Fe^{3+}_3Si_3O_{10}F_2$	A	2010-002	China	CNMNC Newsletter 2 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 375	
Fluorowardite	$NaAl_3(PO_4)_2F_2(OH)_2 \cdot 2H_2O$	A	2012-016	USA	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	

Fluorosphosphohedyphane	$\text{Ca}_2\text{Pb}_3(\text{PO}_4)_3\text{F}$	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	CNMNC Newsletter 8 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 289	
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
Fluorthalénite-(Y)	$\text{Y}_3\text{Si}_3\text{O}_{10}\text{F}$	A	1994-022	Russia	<i>Doklady Akademii Nauk</i> <b>354(1)</b> (1997), 77	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>624</b> (1998), 1082
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	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
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>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	
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
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
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> (200), 962
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	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
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	Democratic 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 de l'Académie des Sciences de Paris</i> <b>285</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)	Ce(UO <sub>2</sub> ) <sub>3</sub> O(OH)(PO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	A	2004-029	Switzerland / Australia	<i>American Mineralogist</i> <b>95</b> (2010), 1527	
Françoisite-(Nd)	Nd(UO <sub>2</sub> ) <sub>3</sub> O(OH)(PO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	A	1987-041	Democratic Republic of the Congo	<i>Bulletin de Mineralogie</i> <b>111</b> (1988), 443	<i>Mineralogical Magazine</i> <b>60</b> (1996), 665
Franconite	Na <sub>2</sub> Nb <sub>4</sub> O <sub>11</sub> ·9H <sub>2</sub> O	A	1981-006a	Canada	<i>Canadian Mineralogist</i> <b>22</b> (1984), 239	<i>Doklady Akademii Nauk SSSR</i> <b>305</b> (1990), 700
Frankamenite	K <sub>3</sub> Na <sub>3</sub> Ca <sub>3</sub> Si <sub>12</sub> O <sub>30</sub> (F,OH) <sub>4</sub> ·H <sub>2</sub> 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	BaF <sub>2</sub>	A	1974-015	USA	<i>American Mineralogist</i> <b>59</b> (1974), 885	
Frankhawthorneite	Cu <sub>2</sub> Te <sup>6+</sup> O <sub>4</sub> (OH) <sub>2</sub>	A	1993-047	USA	<i>Canadian Mineralogist</i> <b>33</b> (1995), 641	<i>Canadian Mineralogist</i> <b>33</b> (1995), 649
Franklinfurnaceite	Ca <sub>2</sub> Mn <sup>2+</sup> <sub>3</sub> Mn <sup>3+</sup> Fe <sup>3+</sup> Zn <sub>2</sub> Si <sub>2</sub> O <sub>10</sub> (OH) <sub>8</sub>	A	1986-034	USA	<i>American Mineralogist</i> <b>72</b> (1987), 812	<i>American Mineralogist</i> <b>73</b> (1988), 876
Franklinite	ZnFe <sup>3+</sup> <sub>2</sub> O <sub>4</sub>	G	1819	USA	<i>Annales des Mines</i> <b>4</b> (1819), 483	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 511
Franklinphillite	(K,Na) <sub>4</sub> (Mn <sup>2+</sup> ,Mg,Zn) <sub>48</sub> (Si,Al) <sub>72</sub> (O,OH) <sub>216</sub> ·6H <sub>2</sub> O	A	1990-050	USA	<i>Mineralogical Record</i> <b>23</b> (1992), 465	
Fransoletite	Ca <sub>3</sub> Be <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (PO <sub>3</sub> OH) <sub>2</sub> ·4H <sub>2</sub> O	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) <sub>30</sub> Ca <sub>10</sub> (Si <sub>30</sub> Al <sub>30</sub> )O <sub>120</sub> (SO <sub>4</sub> ) <sub>10</sub> ·2H <sub>2</sub> O	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 <sub>2</sub> Mn <sup>3+</sup> O <sub>2</sub> (BO <sub>3</sub> )	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 <sup>1+</sup> Pb <sub>8</sub> (As <sup>3+</sup> O <sub>3</sub> ) <sub>2</sub> O <sub>3</sub> Cl <sub>5</sub>	A	1984-012	Sweden	<i>American Mineralogist</i> <b>70</b> (1985), 345	<i>Mineralogy and Petrology</i> <b>36</b> (1987), 85
Freibergite	Ag <sub>6</sub> [Cu <sub>4</sub> Fe <sub>2</sub> ]Sb <sub>4</sub> S <sub>13-x</sub>	G	1853	Germany	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 117	<i>Mineralogicheskii Zhurnal</i> <b>15</b> (1993), 9
Freieslebenite	AgPbSbS <sub>3</sub>	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 <sub>2</sub> TiO(Si <sub>2</sub> O <sub>7</sub> )	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 <sup>4+</sup> <sub>3</sub> Fe <sup>3+</sup> )O <sub>8</sub>	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 <sup>2+</sup> <sub>8</sub> Si <sub>6</sub> O <sub>15</sub> (OH) <sub>10</sub>	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(□Na)Mg <sub>2</sub> (Be <sub>2</sub> Mg)Si <sub>12</sub> O <sub>30</sub>	A	2008-019	Germany	<i>Mineralogy and Petrology</i> <b>96</b> (2009), 221	
Friedrichite	Cu <sub>5</sub> Pb <sub>5</sub> Bi <sub>7</sub> S <sub>18</sub>	A	1977-031	Austria	<i>Canadian Mineralogist</i> <b>16</b> (1978), 127	<i>Canadian Mineralogist</i> <b>40</b> (2002), 849
Fritzscheite	Mn <sup>2+</sup> (UO <sub>2</sub> ) <sub>2</sub> (VO <sub>4</sub> ,PO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	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 <sub>2</sub>	G	1947	Canada	<i>University of Toronto Studies, Geological Series</i> <b>51</b> (1947), 35	<i>Anzeiger der Österreichischen Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Klasse</i> <b>123</b> (1986), 123
Frolovite	Ca[B(OH) <sub>4</sub> ] <sub>2</sub>	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 <sup>2+</sup> Fe <sup>3+</sup> <sub>4</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>5</sub>	G	1949	Brazil	<i>American Mineralogist</i> <b>34</b> (1949), 541	

Froodite	PdBi <sub>2</sub>	G	1958	Canada	<i>Canadian Mineralogist</i> <b>6</b> (1958), 200	
Fuenzalidaite	K <sub>3</sub> Na <sub>5</sub> Mg <sub>5</sub> (IO <sub>3</sub> ) <sub>6</sub> (SO <sub>4</sub> ) <sub>6</sub> ·6H <sub>2</sub> O	A	1993-021	Chile	<i>American Mineralogist</i> <b>79</b> (1994), 1003	
Fuettererite	Pb <sub>3</sub> Cu <sup>2+</sup> <sub>6</sub> Te <sup>6+</sup> O <sub>6</sub> (OH) <sub>7</sub> Cl <sub>5</sub>	A	2011-111	USA	<i>American Mineralogist</i> <b>98</b> (2013), 506	
Fukalite	Ca <sub>4</sub> Si <sub>2</sub> O <sub>6</sub> (CO <sub>3</sub> )(OH) <sub>2</sub>	A	1976-003	Japan	<i>Mineralogical Journal</i> <b>8</b> (1977), 374	<i>American Mineralogist</i> <b>94</b> (2009), 323
Fukuchilite	Cu <sub>3</sub> FeS <sub>8</sub>	A	1967-009	Japan	<i>Mineralogical Journal</i> <b>5</b> (1969), 399	<i>American Mineralogist</i> <b>74</b> (1989), 1168
Fülöppite	Pb <sub>3</sub> Sb <sub>8</sub> S <sub>15</sub>	G	1929	Romania	<i>Mineralogical Magazine</i> <b>22</b> (1929), 179	<i>Acta Crystallographica</i> <b>B31</b> (1975), 151 <i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>65</b> (1985), 1
Furongite	Al <sub>13</sub> (UO <sub>2</sub> ) <sub>7</sub> (PO <sub>4</sub> ) <sub>13</sub> (OH) <sub>14</sub> ·58H <sub>2</sub> O	A	1982 s.p.	China	<i>Acta Geologica Sinica</i> <b>50</b> (1976), 203	
Furutobeite	(Cu,Ag) <sub>6</sub> PbS <sub>4</sub>	A	1978-040	Japan	<i>Bulletin de Minéralogie</i> 104 (1981), 737	
Gabrielite	Tl <sub>2</sub> AgCu <sub>2</sub> As <sub>3</sub> S <sub>7</sub>	A	2002-053	Switzerland	<i>Canadian Mineralogist</i> <b>44</b> (2006), 135	<i>Canadian Mineralogist</i> <b>44</b> (2006), 141
Gabrielsonite	PbFe(AsO <sub>4</sub> )(OH)	A	1966-011	Sweden	<i>Arkiv för Mineralogi och Geologi</i> <b>4</b> (1967), 401	
Gadolinite-(Ce)	Ce <sub>2</sub> Fe <sup>2+</sup> Be <sub>2</sub> O <sub>2</sub> (SiO <sub>4</sub> ) <sub>2</sub>	A	1987 s.p.	Norway	<i>American Mineralogist</i> <b>63</b> (1978), 188	
Gadolinite-(Y)	Y <sub>2</sub> Fe <sup>2+</sup> Be <sub>2</sub> O <sub>2</sub> (SiO <sub>4</sub> ) <sub>2</sub>	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)	NaCaCeF <sub>6</sub>	Rd	1993-038	Canada	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1299	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1111
Gagarinite-(Y)	NaCaYF <sub>6</sub>	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	Mn <sup>2+</sup> <sub>21</sub> Si <sub>8</sub> O <sub>27</sub> (OH) <sub>20</sub>	G	1910	USA	<i>American Journal of Science</i> <b>30</b> (1910), 283	<i>American Mineralogist</i> <b>72</b> (1987), 382
Gahnite	ZnAl <sub>2</sub> O <sub>4</sub>	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	Na <sub>2</sub> ZrSi <sub>3</sub> O <sub>9</sub> ·2H <sub>2</sub> O	A	1973-008	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1974), 316	<i>Canadian Mineralogist</i> <b>24</b> (1986), 417
Gainesite	Na <sub>2</sub> (Be,Li)Zr <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> ·1.5H <sub>2</sub> O	A	1978-020	USA	<i>American Mineralogist</i> <b>68</b> (1983), 1022	<i>Canadian Mineralogist</i> <b>32</b> (1994), 839
Gaitite	Ca <sub>2</sub> Zn(AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> 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
Galaxite	Mn <sup>2+</sup> Al <sub>2</sub> O <sub>4</sub>	G	1932	USA	<i>American Mineralogist</i> <b>17</b> (1932), 1	<i>American Mineralogist</i> <b>92</b> (2007), 1225
Galeite	Na <sub>15</sub> (SO <sub>4</sub> ) <sub>5</sub> ClF <sub>4</sub>	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	PbS	G	?	unknown	original paper?	<i>Acta Crystallographica</i> <b>C43</b> (1987), 1443
Galenobismutite	PbBi <sub>2</sub> S <sub>4</sub>	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)	CaCe <sub>2</sub> (CO <sub>3</sub> ) <sub>4</sub> ·H <sub>2</sub> 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
Galileiite	NaFe <sup>2+</sup> <sub>4</sub> (PO <sub>4</sub> ) <sub>3</sub>	A	1996-028	USA (meteorite)	<i>Meteoritics &amp; Planetary Science</i> <b>32</b> (1997), A155	
Galkhaite	(Cs,Tl,□)(Hg,Cu,Zn,Tl) <sub>6</sub> (As,Sb) <sub>4</sub> S <sub>12</sub>	A	1971-029	Kyrgyzstan / Russia	<i>Doklady Akademii Nauk SSSR</i> <b>205</b> (1972), 1194	<i>Canadian Mineralogist</i> <b>19</b> (1981), 571
Galliskiite	Ca <sub>4</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>8</sub> ·5H <sub>2</sub> O	A	2009-038	Argentina	<i>American Mineralogist</i> <b>95</b> (2010), 392	
Gallite	CuGaS <sub>2</sub>	G	1958	Democratic Republic of the Congo	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1958), 241	
Gallopeudantite	PbGa <sub>3</sub> (AsO <sub>4</sub> )(SO <sub>4</sub> )(OH) <sub>6</sub>	A	1994-021	Namibia	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1305	

Galloplumbogummite	$\text{Pb}(\text{Ga,Al,Ge})_3(\text{PO}_4)_2(\text{OH})_6$	A	2010-088	Namibia	CNMNC Newsletter 9 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2535	
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	$\text{Pb}_3\text{Ca}_2(\text{SiO}_4)(\text{Si}_2\text{O}_7)$	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	$(\text{K,Na})_x\text{Mn}^{2+}_6(\text{Si,Al})_{10}\text{O}_{24}(\text{OH})_4 \cdot n\text{H}_2\text{O}$ ( $x = 1-2$ ; $n = 7-11$ )	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	$\text{Ba}_{0.5}(\text{Na,K})_{0.5}\text{Al}_2(\text{Si}_{2.5}\text{Al}_{1.5})\text{O}_{10}(\text{OH})_2$	A	2000-033	Switzerland	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1271	
Gaotaiite	$\text{Ir}_3\text{Te}_8$	A	1993-017	China	<i>Acta Mineralogica Sinica</i> <b>15</b> (1995), 1	
Garavellite	$\text{FeSbBiS}_4$	A	1978-018	Italy	<i>Mineralogical Magazine</i> <b>43</b> (1979), 99	<i>Mineralogy and Petrology</i> <b>85</b> (2005), 131
Garrelsite	$\text{NaBa}_3\text{B}_7\text{Si}_2\text{O}_{16}(\text{OH})_4$	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	$\text{NaCa}_{2.5}(\text{Si}_{10}\text{Al}_6)\text{O}_{32} \cdot 14\text{H}_2\text{O}$	A	1997 s.p.	United Kingdom	<i>Mineralogical Magazine</i> <b>33</b> (1962), 173	<i>American Mineralogist</i> <b>77</b> (1992), 189
Gartrellite	$\text{PbCuFe}^{3+}(\text{AsO}_4)_2(\text{OH}) \cdot \text{H}_2\text{O}$	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	$(\text{Mg,Fe}^{3+})_3(\text{PO}_4)_2(\text{OH,H}_2\text{O})_3$	A	1981-019	Canada	<i>American Mineralogist</i> <b>69</b> (1984), 207	
Gasparite-(Ce)	$\text{Ce}(\text{AsO}_4)$	A	1986-031	Italy	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>67</b> (1987), 103	
Gaspéite	$\text{Ni}(\text{CO}_3)$	Rn	1965-029	Canada	<i>American Mineralogist</i> <b>51</b> (1966), 677	<i>Acta Crystallographica</i> <b>C42</b> (1986), 4
Gatehouseite	$\text{Mn}^{2+}_5(\text{PO}_4)_2(\text{OH})_4$	A	1992-016	Australia	<i>Mineralogical Magazine</i> <b>57</b> (1993), 309	
Gatelite-(Ce)	$(\text{Ca,Ce})_4(\text{Al,Mg,Fe})_4(\text{Si}_2\text{O}_7)(\text{SiO}_4)_3(\text{O,F,OH})_3$	A	2001-050	France	<i>American Mineralogist</i> <b>88</b> (2003), 223	
Gatumbaite	$\text{CaAl}_2(\text{PO}_4)_2(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1976-019	Rwanda	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 561	
Gaudefroyite	$\text{Ca}_4\text{Mn}^{3+}_3(\text{BO}_3)_3(\text{CO}_3)\text{O}_3$	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	$\text{Na}_4\text{Zn}_2\text{Si}_7\text{O}_{18} \cdot 5\text{H}_2\text{O}$	A	1992-040	Canada	<i>Canadian Mineralogist</i> <b>32</b> (1994), 855	
Gayite	$\text{NaMnFe}_5(\text{PO}_4)_4(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	A	2008-056	Argentina	<i>American Mineralogist</i> <b>95</b> (2010), 386	
Gaylussite	$\text{Na}_2\text{Ca}(\text{CO}_3)_2 \cdot 5\text{H}_2\text{O}$	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
Gearsutite	$\text{CaAlF}_4(\text{OH}) \cdot \text{H}_2\text{O}$	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	$\text{Pb}_8\text{As}^{3+}_4\text{O}_{11}\text{Cl}_6$	A	1979-071	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 455	<i>Zeitschrift für Kristallographie</i> <b>159</b> (1982), 75
Gedrite	$\square\text{Mg}_2(\text{Mg}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	France	<i>Annales des Mines</i> <b>10</b> (1836), 582	
Geerite	$\text{Cu}_8\text{S}_5$	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	$\text{BiMo}_{2+x}\text{O}_7(\text{OH}) \cdot \text{H}_2\text{O}$	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
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	1839	Sweden	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> (1839), 134	<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	$\text{Cu}_5(\text{CO}_3)_3(\text{OH})_4 \cdot 6\text{H}_2\text{O}$	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	
Gerdremmelite	$\text{ZnAl}_2(\text{AsO}_4)(\text{OH})_5$	A	1983-049a	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 1	
Gerenite-(Y)	$(\text{Ca,Na})_2\text{Y}_3\text{Si}_6\text{O}_{18} \cdot 2\text{H}_2\text{O}$	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-P2,3	$\text{NiAsS}$	Rd	1986 s.p.	Austria	<i>Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien</i> (1845), 559	<i>Mineralogical Magazine</i> <b>36</b> (1967), 38
Gersdorffite-Pa 3	$\text{NiAsS}$	Rd	1986 s.p.	Austria	<i>Canadian Mineralogist</i> <b>24</b> (1986), 27	<i>American Mineralogist</i> <b>53</b> (1968), 290
Gersdorffite-Pca 2,1	$\text{NiAsS}$	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	
Getchellite	$\text{SbAsS}_3$	A	1965-010	USA	<i>American Mineralogist</i> <b>50</b> (1965), 1817	<i>American Mineralogist</i> <b>89</b> (2004), 696
Geversite	$\text{PtSb}_2$	A	1967 s.p.	South Africa	<i>Mineralogical Magazine</i> <b>32</b> (1961), 833	
Ghiaraite	$\text{CaCl}_2 \cdot 4\text{H}_2\text{O}$	A	2012-072	Italy	<i>CNMNC Newsletter 15 - Mineralogical Magazine</i> <b>77</b> (2013), 1	
Gianellaite	$(\text{Hg}_2\text{N})_2(\text{SO}_4)$	A	1972-020	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 119	

Gibbsite	Al(OH) <sub>3</sub>	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) <sub>2</sub> Pb <sub>26.4</sub> (Bi,Sb) <sub>19.6</sub> S <sub>57</sub>	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
Gilalite	Cu <sub>5</sub> Si <sub>6</sub> O <sub>17</sub> ·7H <sub>2</sub> O	A	1979-021	USA	<i>Mineralogical Magazine</i> <b>43</b> (1980), 639	
Gillardite	Cu <sub>3</sub> NiCl <sub>2</sub> (OH) <sub>6</sub>	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 <sup>2+</sup> Si <sub>4</sub> O <sub>10</sub>	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 <sub>2</sub> As <sub>7.5</sub> Sb <sub>0.3</sub> S <sub>13</sub>	A	1989-029	USA	<i>American Mineralogist</i> <b>76</b> (1991), 653	<i>American Mineralogist</i> <b>84</b> (1999), 400
Gilmarite	Cu <sup>2+</sup> <sub>3</sub> (AsO <sub>4</sub> )(OH) <sub>3</sub>	A	1996-017	France	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 549	
Giniite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O	A	1977-017	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 49	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 561
Ginorite	Ca <sub>2</sub> B <sub>14</sub> O <sub>20</sub> (OH) <sub>6</sub> ·5H <sub>2</sub> O	G	1934	Italy	<i>Periodico di Mineralogia</i> <b>5</b> (1934), 22	<i>American Mineralogist</i> <b>42</b> (1957), 56
Giorgiosite	Mg <sub>5</sub> (CO <sub>3</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·5H <sub>2</sub> O	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 <sub>6</sub> [Cu <sub>4</sub> (Fe,Zn) <sub>2</sub> ]As <sub>4</sub> Se <sub>13</sub>	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
Girdite	Pb <sub>3</sub> (Te <sup>4+</sup> O <sub>3</sub> )(Te <sup>6+</sup> O <sub>4</sub> )(OH) <sub>2</sub>	A	1979-006	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 453	
Girvasite	NaCa <sub>2</sub> Mg <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> [PO <sub>2</sub> (OH) <sub>2</sub> ]CO <sub>3</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	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 <sub>2</sub> (Si <sub>4</sub> Al <sub>4</sub> )O <sub>16</sub> ·8H <sub>2</sub> O	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 <sub>2</sub> O <sub>7</sub>	A	1979-034	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 201	<i>Canadian Mineralogist</i> <b>27</b> (1989), 703
Giuseppettite	Na <sub>42</sub> K <sub>16</sub> Ca <sub>6</sub> Si <sub>48</sub> Al <sub>48</sub> O <sub>192</sub> (SO <sub>4</sub> ) <sub>10</sub> Cl <sub>2</sub> ·5H <sub>2</sub> O	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 <sub>2</sub> Ca(Nb,Ti) <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (O,OH) <sub>4</sub> ·6H <sub>2</sub> O	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 <sub>2</sub> Fe(Nb,Ti) <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (O,OH) <sub>4</sub> ·6H <sub>2</sub> O	A	2001-009	Norway	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1629	
Gjerdingenite-Mn	K <sub>2</sub> Mn(Nb,Ti) <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (O,OH) <sub>4</sub> ·6H <sub>2</sub> O	A	2003-015	Norway	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 979	
Gjerdingenite-Na	K <sub>2</sub> Na(Nb,Ti) <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (OH,O) <sub>4</sub> ·5H <sub>2</sub> O	A	2005-030	Canada	<i>Canadian Mineralogist</i> <b>45</b> (2007), 529	<i>Doklady Chemistry</i> <b>414</b> (2007), 109
Gladite	CuPbBi <sub>5</sub> S <sub>9</sub>	G	1924	Sweden	<i>Arkiv for Kemi, Mineralogi och Geologi</i> <b>9</b> (1924), 17	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1147
Gladiusite	Fe <sup>3+</sup> <sub>2</sub> Fe <sup>2+</sup> <sub>4</sub> (PO <sub>4</sub> )(OH) <sub>11</sub> ·H <sub>2</sub> O	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) <sub>6</sub> (Si <sub>3</sub> Al)O <sub>10</sub> (OH,O) <sub>8</sub>	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	Na <sub>2</sub> Ca(SO <sub>4</sub> ) <sub>2</sub>	G	1808	Spain	<i>Journal des Mines</i> <b>23</b> (1808), 5	<i>Zeitschrift für Kristallographie</i> <b>122</b> (1965), 175
Glaucozerinite	(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)	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
Glaucochroite	CaMn <sup>2+</sup> (SiO <sub>4</sub> )	G	1899	USA	A System of Mineralogy, 6th ed. (1899)	<i>American Mineralogist</i> <b>63</b> (1978), 365
Glaucodot	(Co <sub>0.5</sub> Fe <sub>0.5</sub> )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



Glaucothane	$\square\text{Na}_2(\text{Mg}_3\text{Al}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Greece	<i>Göttingische gelehrte Anzeigen, Königliche Gesellschaft der Wissenschaften</i> (1845), 125	<i>American Mineralogist</i> <b>53</b> (1968), 1156
Glaukosphaerite	$(\text{Cu},\text{Ni})_2(\text{CO}_3)(\text{OH})_2$	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
Gobbsinite	$\text{Na}_5(\text{Si}_{11}\text{Al}_5)\text{O}_{32} \cdot 11\text{H}_2\text{O}$	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
Gorceixite	$\text{BaAl}_3(\text{PO}_4)(\text{PO}_3\text{OH})(\text{OH})_6$	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	$\text{NaZn}_4(\text{SO}_4)(\text{OH})_6\text{Cl} \cdot 6\text{H}_2\text{O}$	A	1996-006	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1997), 155	<i>Zeitschrift für Kristallographie</i> <b>212</b> (1997), 704
Gordonite	$\text{MgAl}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	G	1930	USA	<i>American Mineralogist</i> <b>15</b> (1930), 307	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 265
Görgeyite	$\text{K}_2\text{Ca}_5(\text{SO}_4)_6 \cdot \text{H}_2\text{O}$	G	1953	Austria	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1953), 35	<i>American Mineralogist</i> <b>89</b> (2004), 266

Gormanite	$\text{Fe}^{2+}_3\text{Al}_4(\text{PO}_4)_4(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	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	$\text{Cu}_{18}\text{FeHg}_6\text{S}_{16}$	A	1979-039	Ireland	<i>Mineralogical Magazine</i> <b>47</b> (1983), 35	
Goslarite	$\text{Zn}(\text{SO}_4) \cdot 7\text{H}_2\text{O}$	G	1845	Germany	Handbuch der bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 490	
Gottardiite	$\text{Na}_3\text{Mg}_3\text{Ca}_5\text{Al}_{19}\text{Si}_{117}\text{O}_{272} \cdot 93\text{H}_2\text{O}$	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	$\text{CaMg}(\text{VO}_4)(\text{OH})$	A	1998-066	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 444	
Götzenite	$\text{NaCa}_5\text{Ti}(\text{Si}_2\text{O}_7)\text{OF}_3$	A	1962 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	$\text{Cu}_6\text{Al}(\text{AsO}_4)_3(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	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	$\text{Ca}[\text{B}_5\text{O}_8(\text{OH})][\text{B}(\text{OH})_3] \cdot 3\text{H}_2\text{O}$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 911	<i>American Mineralogist</i> <b>57</b> (1972), 381
Goyazite	$\text{SrAl}_3(\text{PO}_4)(\text{PO}_3\text{OH})(\text{OH})_6$	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	$\text{Cu}^{2+}(\text{Te}^{4+}\text{O}_3) \cdot \text{H}_2\text{O}$	A	1974-022	USA	<i>Mineralogical Record</i> <b>6</b> (1975), 32	
Graeserite	$\text{Fe}^{3+}_4\text{Ti}_3\text{As}^{3+}\text{O}_{13}(\text{OH})$	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	$(\text{Fe}^{2+}, \text{Mn}^{2+}, \text{Ca})_3(\text{PO}_4)_2$	G	1900	USA	<i>American Journal of Science</i> <b>159</b> (1900), 20	<i>American Mineralogist</i> <b>53</b> (1968), 742
Gramaccioliite-(Y)	$(\text{Pb}, \text{Sr})(\text{Y}, \text{Mn})\text{Fe}^{3+}_2(\text{Ti}, \text{Fe}^{3+})_{18}\text{O}_{38}$	A	2001-034	Italy	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 171	
Grandierite	$\text{MgAl}_3\text{O}_2(\text{BO}_3)(\text{SiO}_4)$	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	$\text{Pb}_2(\text{SO}_4)\text{F}_2$	A	1988-016	USA	<i>American Mineralogist</i> <b>74</b> (1989), 927	<i>American Mineralogist</i> <b>76</b> (1991), 278
Grandviewite	$\text{Cu}_3\text{Al}_9(\text{SO}_4)_2(\text{OH})_{29}$	A	2007-004	USA	<i>Australian Journal of Mineralogy</i> <b>14</b> (2008), 51	
Grantsite	$(\text{Na}, \text{Ca})_{2+x}(\text{V}^{5+}, \text{V}^{4+})_6\text{O}_{16} \cdot 4\text{H}_2\text{O}$	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
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	$(\text{Th}, \text{Pb}, \text{Ca})(\text{PO}_4) \cdot \text{H}_2\text{O}$	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>34</b> (1903)	<i>Canadian Mineralogist</i> <b>20</b> (1982), 1
Greenockite	CdS	G	1840	United Kingdom	<i>Annalen der Physik und Chemie</i> <b>127</b> (1840), 274	<i>Physical Review B</i> <b>48</b> (1993), 4335

Greenwoodite	$Ba_{2-x}(V^{3+}OH)_xV^{3+}_9(Fe^{3+},Fe^{2+})_2Si_2O_{22}$	A	2010-007	Canada	<i>Canadian Mineralogist</i> <b>50</b> (2012), 1233	
Gregoryite	$Na_2(CO_3)$	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	$Ca_2Be_4Fe^{2+}_5(PO_4)_6(OH)_4 \cdot 6H_2O$	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	$Fe^{2+}Fe^{3+}_2S_4$	A	1963-007	USA	<i>American Mineralogist</i> <b>49</b> (1964), 543	
Grenmarite	$Na_4MnZr_3(Si_2O_7)_2O_2F_2$	A	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	$Cu_3Fe^{3+}_2Al_2(VO_4)_6$	A	2012-047	Russia	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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	$K_3Na(UO_2)(CO_3)_3 \cdot H_2O$	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	$Ca(Mn^{2+},Na,Li)_6Fe^{2+}Al_2(PO_4)_6(F,OH)_2$	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	$NaCa_2Mn^{2+}_5Fe^{3+}(AsO_4)_6 \cdot 2H_2O$	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	$NaCaMn_2(PO_4)[PO_3(OH)]_2$	A	2008-054	Canada	<i>Canadian Mineralogist</i> <b>47</b> (2009), 1225	
Grossite	$CaAl_4O_7$	A	1993-052	Israel (meteorite)	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 594	
Grossmanite	$Ca(Ti^{3+},Mg,Ti^{4+})AlSiO_6$	A	2008-042a	Mexico (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 1491	
Grossular	$Ca_3Al_2(SiO_4)_3$	A	1962 s.p.	Russia	Handbuch der Mineralogie, Vol. 1. Craz & Gerlach (1811), 479	<i>American Mineralogist</i> <b>56</b> (1971), 791
Groutite	$Mn^{3+}O(OH)$	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	$NaSi_2O_4(OH) \cdot H_2O$	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	$HgBi_2S_4$	A	1997-021	Italy	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1321	<i>Acta Crystallographica</i> <b>B36</b> (1980), 1300
Grunerite	$\square Fe^{2+}_2Fe^{2+}_5Si_8O_{22}(OH)_2$	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	$Cu_6Hg_3Sb_4S_{12}$	A	1980-053	Kyrgyzstan	<i>Doklady Akademii Nauk SSSR</i> <b>261</b> (1981), 971	
Guanacoite	$Cu_2Mg_3(OH)_4(AsO_4)_2 \cdot 4H_2O$	A	2003-021	Chile	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 813	
Guanajuatite	$Bi_2Se_3$	G	1873 ?	Mexico	<i>American Journal of Science and Arts</i> <b>113</b> (1877), 319	<i>Kristallografiya</i> <b>18</b> (1973), 173
Guanine	$C_5H_3(NH_2)N_4O$	A	1973-056	Peru	<i>Mineralogical Magazine</i> <b>39</b> (1974), 889	<i>Acta Crystallographica</i> <b>B27</b> (1971), 2358
Guarinoite	$Zn_6(SO_4)(OH)_{10} \cdot 5H_2O$	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	FeSbS	G	1928	Sweden	<i>Zeitschrift für Kristallographie</i> <b>68</b> (1928), 87	<i>American Mineralogist</i> <b>24</b> (1939), 183
Guérinite	Ca <sub>5</sub> (AsO <sub>3</sub> OH) <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·9H <sub>2</sub> 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	PbSbAsS <sub>4</sub>	A	1966-018	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	<i>Canadian Mineralogist</i> <b>50</b> (2012), 253
Gugiaite	Ca <sub>2</sub> BeSi <sub>2</sub> O <sub>7</sub>	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	Mn <sub>2</sub> Fe <sup>3+</sup> (SiFe <sup>3+</sup> )O <sub>5</sub> (OH) <sub>4</sub>	A	2009-061	South Africa	<i>Clays and Clay Minerals</i> <b>58</b> (2010), 364	
Guildite	CuFe <sup>3+</sup> (SO <sub>4</sub> ) <sub>2</sub> (OH)·4H <sub>2</sub> O	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 203	<i>American Mineralogist</i> <b>63</b> (1978), 478
Guilleminite	Ba(UO <sub>2</sub> ) <sub>3</sub> (Se <sup>4+</sup> O <sub>3</sub> ) <sub>2</sub> O <sub>2</sub> ·3H <sub>2</sub> 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	Ca <sub>2</sub> Be <sub>4</sub> Zn <sub>5</sub> (PO <sub>4</sub> ) <sub>6</sub> (OH) <sub>4</sub> ·6H <sub>2</sub> O	A	2006-028	Brazil	<i>New Data on Minerals</i> <b>42</b> (2007), 11	
Gunningite	Zn(SO <sub>4</sub> )·H <sub>2</sub> 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	(K,Ca,Ba,Na,□) <sub>3</sub> Fe[(Si,Al) <sub>13</sub> O <sub>25</sub> (OH,O) <sub>4</sub> ]·7H <sub>2</sub> 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	Na <sub>4</sub> (H <sub>2</sub> O) <sub>16</sub> (H <sub>2</sub> V <sub>10</sub> O <sub>28</sub> )·6H <sub>2</sub> O	A	2011-001	USA	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1243	
Gupeiite	Fe <sub>3</sub> 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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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>Acta Crystallographica</i> <b>11</b> (1958), 56
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	$\text{KFe}^{3+}_3(\text{H}_2\text{PO}_4)_6(\text{HPO}_4)_2 \cdot 4\text{H}_2\text{O}$	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	$(\text{Na}, \text{Ca})_5\text{Ca}(\text{Ti}, \text{Nb})_5\text{Si}_{12}\text{O}_{34}(\text{OH}, \text{F})_8 \cdot 5\text{H}_2\text{O}$	A	1997-015	Canada	<i>Canadian Mineralogist</i> <b>42</b> (2004), 769	
Hainite	$\text{Na}_2\text{Ca}_4(\text{Y}, \text{REE})\text{Ti}(\text{Si}_2\text{O}_7)\text{OF}_3$	G	1893	Czech Republic	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>13</b> (1893), 465	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1273
Haiweeite	$\text{Ca}(\text{UO}_2)_2(\text{Si}_5\text{O}_{12})(\text{OH})_2 \cdot 6\text{H}_2\text{O}$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 839	<i>American Mineralogist</i> <b>98</b> (2013), 718
Hakite	$\text{Cu}_6[\text{Cu}_4\text{Hg}_2]\text{Sb}_4\text{Se}_{13}$	A	1970-019	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 45	
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	$\text{Pb}_2(\text{UO}_2)(\text{AsO}_4)_2 \cdot n\text{H}_2\text{O}$	A	1965-008	Germany	<i>American Mineralogist</i> <b>50</b> (1965), 1153	<i>American Mineralogist</i> <b>90</b> (2005), 240
Halloysite-10Å	$\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	G	1826	Belgium	<i>Annales de Chimie et de Physique</i> <b>32</b> (1826), 332	<i>American Mineralogist</i> <b>66</b> (1981), 997
Halloysite-7Å	$\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$	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	$\text{Fe}^{2+}\text{Al}_2(\text{SO}_4)_2 \cdot 22\text{H}_2\text{O}$	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> (1961), 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	
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
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	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	

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>130</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	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>40</b> (1888), 61	<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
Häuyne	$\text{Na}_3\text{Ca}(\text{Si}_3\text{Al}_3)\text{O}_{12}(\text{SO}_4)_4$	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 / USA	<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	1910	Australia	Catalogue of minerals of Tasmania. Dept. of Mines, Tasmania (1910)	<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
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	Sweden	<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	<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	CNMNC Newsletter 9 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2535	
Hejtmanite	$\text{BaMn}^{2+}_2\text{Ti}(\text{Si}_2\text{O}_7)\text{O}(\text{OH})_2$	A	1989-038	Zambia	<i>European Journal of Mineralogy</i> <b>4</b> (1992), 35	
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)	$(\text{Ca}, \text{REE})_4\text{Ce}_2\text{Al}(\text{Be}, \text{Li})_{2-x}\text{B}_4\text{Si}_4\text{O}_{22}(\text{OH})_2$	A	2001-019	Italy	<i>American Mineralogist</i> <b>87</b> (2002), 745	<i>American Mineralogist</i> <b>84</b> (1999), 913
Hellandite-(Y)	$(\text{Ca}, \text{REE})_4\text{Y}_2\text{Al}(\text{Be}, \text{Li})_{2-x}\text{B}_4\text{Si}_4\text{O}_{22}(\text{OH})_2$	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	$\text{Ni}(\text{CO}_3) \cdot 6\text{H}_2\text{O}$	A	1962 s.p.	Australia	<i>American Mineralogist</i> <b>44</b> (1959), 533	
Helmutwinklerite	$\text{PbZn}_2(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	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	$\text{Be}_3\text{Mn}^{2+}_4(\text{SiO}_4)_3\text{S}$	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	$\text{Fe}_2\text{O}_3$	A	1971 s.p.	unknown	original paper?	<i>Acta Crystallographica</i> <b>B50</b> (1994), 435
Hematolite	$(\text{Mn}, \text{Mg}, \text{Al})_{15}(\text{AsO}_4)_2(\text{AsO}_3)(\text{OH})_{23}$	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	$\text{Pb}_4\text{Fe}^{3+}_3\text{O}_8(\text{Cl}, \text{OH})$	G	1928	Sweden	<i>Zeitschrift für Kristallographie</i> <b>68</b> (1928), 87	<i>Mineralogical Magazine</i> <b>39</b> (1973), 49
Hemihedrite	$\text{ZnPb}_{10}(\text{CrO}_4)_6(\text{SiO}_4)_2\text{F}_2$	A	1967-011	USA	<i>American Mineralogist</i> <b>55</b> (1970), 1088	<i>American Mineralogist</i> <b>55</b> (1970), 1103
Hemimorphite	$\text{Zn}_4(\text{Si}_2\text{O}_7)(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1962 s.p.	Romania	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 67	<i>European Journal of Mineralogy</i> <b>9</b> (1997), 803
Hemloite	$(\text{Ti}, \text{V}^{3+}, \text{Fe}^{2+}, \text{Al})_{12}\text{As}^{3+}_2\text{O}_{23}(\text{OH})$	A	1987-015	Canada	<i>Canadian Mineralogist</i> <b>27</b> (1989), 427	
Hemusite	$\text{Cu}^{1+}_4\text{Cu}^{2+}_2\text{SnMoS}_8$	A	1968-038	Bulgaria	<i>American Mineralogist</i> <b>56</b> (1971), 1847	<i>Mineralogy and Petrology</i> <b>45</b> (1991), 11-17
Hendersonite	$\text{Ca}_{1.3}(\text{V}^{5+}, \text{V}^{4+})_6\text{O}_{16} \cdot 6\text{H}_2\text{O}$	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 1252	
Hendricksite	$\text{KZn}_3(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2$	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	$\text{CaMg}_5(\text{PO}_4)_3(\text{CO}_3)(\text{OH})$	A	1983-057	Norway	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 343	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 351
Henmilite	$\text{Ca}_2\text{Cu}[\text{B}(\text{OH})_4]_2(\text{OH})_4$	A	1981-050	Japan	<i>American Mineralogist</i> <b>71</b> (1986), 1234	
Hennomartinite	$\text{SrMn}^{3+}_2(\text{Si}_2\text{O}_7)(\text{OH})_2 \cdot \text{H}_2\text{O}$	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	$\text{Ca}_3\text{Mn}^{3+}_2(\text{SiO}_4)_2(\text{OH})_4$	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	$\text{Cu}_4\text{Ag}_3\text{Te}_4$	A	1982-094	USA	<i>Bulletin de Minéralogie</i> <b>106</b> (1983), 511	
Henrymeyerite	$\text{Ba}(\text{Ti}_7\text{Fe}^{2+})\text{O}_{16}$	A	1999-016	Russia	<i>Canadian Mineralogist</i> <b>38</b> (2000), 617	
Hentschelite	$\text{CuFe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2$	A	1985-057	Germany	<i>American Mineralogist</i> <b>72</b> (1987), 404	<i>Acta Crystallographica</i> <b>C43</b> (1987), 1855

Hephaistosite	TiPb <sub>2</sub> Cl <sub>5</sub>	A	2006-043	Italy	<i>Canadian Mineralogist</i> <b>46</b> (2008), 701	<i>Mineralogy and Petrology</i> <b>96</b> (2009), 121
Herbertsmithite	Cu <sub>3</sub> Zn(OH) <sub>6</sub> Cl <sub>2</sub>	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	Fe <sup>2+</sup> Al <sub>2</sub> O <sub>4</sub>	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	CaBe(PO <sub>4</sub> )F	G	1828	Germany	<i>Philosophical Magazine</i> <b>4</b> (1828), 1	<i>American Mineralogist</i> <b>93</b> (2008), 1545
Hereroite	[Pb <sub>32</sub> (O,□) <sub>21</sub> ](AsO <sub>4</sub> ) <sub>2</sub> [(Si,As,V,Mo)O <sub>4</sub> ] <sub>2</sub> Cl <sub>10</sub>	A	2011-027	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 883	<i>American Mineralogist</i> <b>98</b> (2013), 248
Hermannroseite	CaCu(PO <sub>4</sub> )(OH)	A	2010-006	Namibia	CNMNC Newsletter 3 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 577	
Herzenbergite	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	Ag <sub>2</sub> Te	G	1843	Kazakhstan	Grundzüge eines Systemes der Krystallogie. Literarisches Comptoir, Zurich Und Winterthur (1843)	<i>Zeitschrift für Kristallographie</i> <b>112</b> (1959), 44
Hetaerolite	ZnMn <sup>3+</sup> <sub>2</sub> O <sub>4</sub>	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	Co <sup>3+</sup> O(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	Pb <sub>7</sub> Sb <sub>8</sub> S <sub>19</sub>	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	Fe <sup>3+</sup> (PO <sub>4</sub> )	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	(Ba,Ca,K) <sub>5</sub> (Si <sub>27</sub> Al <sub>9</sub> )O <sub>72</sub> ·22H <sub>2</sub> O	A	2003-001	Norway	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 143	
Heulandite-Ca	(Ca,Na,K) <sub>5</sub> (Si <sub>27</sub> Al <sub>9</sub> )O <sub>72</sub> ·26H <sub>2</sub> 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	(K,Ca,Na) <sub>5</sub> (Si <sub>27</sub> Al <sub>9</sub> )O <sub>72</sub> ·26H <sub>2</sub> 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	(Na,Ca,K) <sub>6</sub> (Si,Al) <sub>36</sub> O <sub>72</sub> ·22H <sub>2</sub> 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	(Sr,Ca,Na) <sub>5</sub> (Si <sub>27</sub> Al <sub>9</sub> )O <sub>72</sub> ·24H <sub>2</sub> 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	CaV <sup>5+</sup> <sub>6</sub> O <sub>16</sub> ·9H <sub>2</sub> O	G	1914	Peru	<i>Proceedings of the American Philosophical Society</i> <b>53</b> (1914), 31	
Hexaferrum	(Fe,Os,Ru,Ir)	A	1995-032	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(5)</b> (1998), 41	
Hexahydrite	Mg(SO <sub>4</sub> )·6H <sub>2</sub> O	G	1911	Canada	<i>Geological Survey of Canada, Summary Report</i> 1910 (1911), 256	<i>Acta Crystallographica</i> <b>17</b> (1964), 235
Hexahydroborite	Ca[B(OH) <sub>4</sub> ] <sub>2</sub> ·2H <sub>2</sub> 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	(Mo,Ru,Fe,Ir,Os)	A	2007-029	Mexico (meteorite)	<i>40th Lunar and Planetary Science Conference</i> (2009), Abstr. # 1402	
Heyite	Pb <sub>5</sub> Fe <sup>2+</sup> <sub>2</sub> O <sub>4</sub> (VO <sub>4</sub> ) <sub>2</sub>	A	1971-042	USA	<i>Mineralogical Magazine</i> <b>39</b> (1973), 65	
Heyrovskýite	Pb <sub>8</sub> Bi <sub>2</sub> S <sub>9</sub>	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	$\text{Fe}^{2+}_2(\text{OH})_3\text{Cl}$	A	1991-036	USA	<i>American Mineralogist</i> <b>79</b> (1994), 555	
Hibonite	$(\text{Ca,Ce})(\text{Al,Ti,Mg})_{12}\text{O}_{19}$	G	1956	Madagascar	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>242</b> (1956), 2845	<i>Geochimica et Cosmochimica Acta</i> <b>52</b> (1988), 1479
Hibonite-(Fe)	$(\text{Fe,Mg})\text{Al}_{12}\text{O}_{19}$	A	2009-027	Mexico (meteorite)	<i>American Mineralogist</i> <b>95</b> (2010), 188	
Hidalgoite	$\text{PbAl}_3(\text{SO}_4)(\text{AsO}_4)(\text{OH})_6$	Rd	1987 s.p.	Mexico	<i>American Mineralogist</i> <b>38</b> (1953), 1218	
Hielscherite	$\text{Ca}_6\text{Si}_2[(\text{SO}_4)_2(\text{SO}_3)_2(\text{OH})_{12}] \cdot 22\text{H}_2\text{O}$	A	2011-037	Germany	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1133	
Hieratite	$\text{K}_2\text{SiF}_6$	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	$\text{Na}_2\text{ZrSi}_3\text{O}_9 \cdot 3\text{H}_2\text{O}$	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	$\text{Fe}^{3+}_2(\text{SO}_4)(\text{AsO}_4)(\text{OH}) \cdot 6\text{H}_2\text{O}$	A	2011-089	Greece	CNMNC Newsletter 12 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 151	
Hilgardite	$\text{Ca}_2\text{B}_5\text{O}_9\text{Cl} \cdot \text{H}_2\text{O}$	G	1937	United Kingdom	<i>American Mineralogist</i> <b>22</b> (1937), 1052	<i>Acta Crystallographica</i> <b>C50</b> (1994), 653
Hillebrandite	$\text{Ca}_2\text{SiO}_3(\text{OH})_2$	G	1908	Mexico	<i>American Journal of Science</i> <b>176</b> (1908), 545	<i>American Mineralogist</i> <b>80</b> (1995), 841
Hillesheimite	$(\text{K,Ca,Ba},\square)_2(\text{Mg,Fe,Ca},\square)_2[(\text{Si,Al})_{13}\text{O}_{23}(\text{OH})_6](\text{OH}) \cdot 8\text{H}_2\text{O}$	A	2011-080	Germany	CNMNC Newsletter 12 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 151	
Hillite	$\text{Ca}_2\text{Zn}(\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	2003-005	Australia	<i>Canadian Mineralogist</i> <b>41</b> (2003), 981	
Hingganite-(Ce)	$\text{BeCe}(\text{SiO}_4)(\text{OH})$	A	2004-004	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>102</b> (2007), 1	
Hingganite-(Y)	$\text{BeY}(\text{SiO}_4)(\text{OH})$	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)	$\text{BeYb}(\text{SiO}_4)(\text{OH})$	A	1982-041	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>270</b> (1983), 1188	<i>Kristallografiya</i> <b>28</b> (1983), 457
Hinsdalite	$\text{PbAl}_3(\text{SO}_4)(\text{PO}_4)(\text{OH})_6$	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	$(\text{Na,Ca})_2\text{Ca}_4\text{Zr}(\text{Mn,Ti,Fe})(\text{Si}_2\text{O}_7)_2(\text{F,O})_4$	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	$\text{Fe}_2\text{Si}_2\text{O}_5(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	G	1828	Sweden	Nouveau Système de Minéralogie. Méquignon-Marvis, Paris (1819), 210	<i>Clays and Clay Minerals</i> <b>46</b> (1998), 400
Hizenite-(Y)	$\text{Ca}_2\text{Y}_6(\text{CO}_3)_{11} \cdot 14\text{H}_2\text{O}$	A	2011-030	Japan	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
Hocartite	$\text{Ag}_2\text{FeSnS}_4$	A	1967-046	Bolivia / France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>91</b> (1968), 383	
Hochelagaite	$\text{CaNb}_4\text{O}_{11} \cdot 8\text{H}_2\text{O}$	A	1983-088	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 449	
Hodgkinsonite	$\text{Zn}_2\text{Mn}^{2+}(\text{SiO}_4)(\text{OH})_2$	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	$\text{Cu}_8\text{Bi}_{12}\text{S}_{22}$	Rn	1969-025	Slovakia	<i>Mineralogical Magazine</i> <b>37</b> (1971), 641	<i>Canadian Mineralogist</i> <b>41</b> (2004), 1481
Hoelite	$\text{C}_{14}\text{H}_8\text{O}_2$	G	1922	Norway	<i>Resultater av de Norske Statsunderstøttede Spitsbergenekspeditioner</i> <b>1</b> (1922), 9	<i>Acta Crystallographica</i> <b>22</b> (1967), 439
Hoganite	$\text{Cu}(\text{CH}_3\text{COO})_2 \cdot \text{H}_2\text{O}$	A	2001-029	Australia	<i>Mineralogical Magazine</i> <b>66</b> (2002), 459	<i>Spectrochimica Acta A</i> <b>67</b> (2007), 48
Hogarthite	$(\text{Na,K})_2\text{CaTi}_2\text{Si}_{10}\text{O}_{26} \cdot 8\text{H}_2\text{O}$	A	2009-043	Canada	nyp	
Høgtuvaite	$\text{Ca}_4[\text{Fe}^{2+}_6\text{Fe}^{3+}_6]\text{O}_4[\text{Si}_8\text{Be}_2\text{Al}_2\text{O}_{36}]$	A	1990-051	Norway	<i>Canadian Mineralogist</i> <b>32</b> (1994), 439	
Hohmannite	$\text{Fe}^{3+}_2\text{O}(\text{SO}_4)_2 \cdot 8\text{H}_2\text{O}$	G	1887	Chile	<i>Mineralogische und petrographische Mitteilungen</i> <b>9</b> (1887), 397	<i>Mineralogical Magazine</i> <b>42</b> (1978), 144

Holdawayite	$\text{Mn}^{2+}_6(\text{CO}_3)_2(\text{OH})_7(\text{Cl},\text{OH})$	A	1986-001	Namibia	<i>American Mineralogist</i> <b>73</b> (1988), 632	
Holdenite	$\text{Mn}^{2+}_6\text{Zn}_3(\text{AsO}_4)_2(\text{SiO}_4)(\text{OH})_8$	G	1927	USA	<i>American Mineralogist</i> <b>12</b> (1927), 144	<i>American Mineralogist</i> <b>62</b> (1977), 513
Holfertite	$(\text{UO}_2)_{1.75}\text{Ca}_{0.25}\text{TiO}_4 \cdot 3\text{H}_2\text{O}$	A	2003-009	USA	<i>Mineralogical Record</i> <b>37</b> (2006), 311	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1545
Hollandite	$\text{Ba}(\text{Mn}^{4+}_6\text{Mn}^{3+}_2)\text{O}_{16}$	Rd	2012 s.p.	India	<i>Transactions of the Mining and Geological Institute of India</i> <b>1</b> (1906), 69	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1056
Hollingworthite	$\text{RhAsS}$	A	1964-029	South Africa	<i>American Mineralogist</i> <b>50</b> (1965), 1068	<i>Mineralium Deposita</i> <b>22</b> (1987), 178
Holmquistite	$\square\text{Li}_2(\text{Mg}_3\text{Al}_2)\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Sweden	<i>Sitzungsberichte der Heidelberger Akademie der Wissenschaften</i> (1913), 3	<i>American Mineralogist</i> <b>90</b> (2005), 1167
Holtedahlite	$\text{Mg}_{12}(\text{PO}_3\text{OH},\text{CO}_3)(\text{PO}_4)_5(\text{OH},\text{O})_6$	A	1976-054	Norway	<i>Lithos</i> <b>12</b> (1979), 283	<i>Mineralogy and Petrology</i> <b>40</b> (1989), 91
Holtite	$(\text{Ta}_{0.6}\square_{0.4})\text{Al}_6\text{BSi}_3\text{O}_{18}$	Rd	1969-029	Australia	<i>Mineralogical Magazine</i> <b>38</b> (1971), 21	<i>Mineralogical Magazine</i> <b>53</b> (1989), 457
Holtstamite	$\text{Ca}_3\text{Al}_2(\text{SiO}_4)_2(\text{OH})_4$	A	2003-047	South Africa	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 375	
Homilite	$\text{Ca}_2\text{Fe}^{2+}\text{B}_2\text{Si}_2\text{O}_{10}$	G	1876	Norway	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>3</b> (1876), 229	<i>Acta Crystallographica</i> <b>C41</b> (1985), 13
Honessite	$(\text{Ni}_{1-x}\text{Fe}^{3+}_x)(\text{SO}_4)_{x/2}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ ( $x < 0.5$ , $n < 3x/2$ )	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 995	<i>Mineralogical Magazine</i> <b>44</b> (1981), 339
Hongshiite	$\text{PtCu}$	A	1988-xxx	China	<i>American Mineralogist</i> <b>69</b> (1984), 411	<i>Canadian Mineralogist</i> <b>40</b> (2002), 711
Hopeite	$\text{Zn}_3(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	G	1908	Belgium	<i>Mineralogical Magazine</i> <b>15</b> (1908), 1	<i>American Mineralogist</i> <b>61</b> (1976), 987
Hörnesite	$\text{Mg}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	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	$\text{Fe}_6\text{Ni}_3\text{S}_8$	A	2007-037	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>106</b> (2011), 204	
Horváthite-(Y)	$\text{NaY}(\text{CO}_3)\text{F}_2$	A	1996-032	Canada	<i>Canadian Mineralogist</i> <b>35</b> (1997), 743	
Hotsonite	$\text{Al}_5(\text{SO}_4)(\text{PO}_4)(\text{OH})_{10} \cdot 8\text{H}_2\text{O}$	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	<i>A System of Mineralogy</i> , 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), 1107	<i>Canadian Mineralogist</i> <b>49</b> (2011), 849
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	
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 Compté 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>American Mineralogist</i> <b>58</b> (1973), 302
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)	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Hutchinsonite	$\text{TiPbAs}_5\text{S}_9$	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	$(\text{Pb},\text{Ba},\text{K})_4(\text{Ca},\text{Y})_2(\text{B},\text{Be})_2(\text{Si},\text{B})_2\text{Si}_8\text{O}_{28}\text{F}$	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 Krystallographie 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	Russia	<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. Vandenhoek und Ruprecht, Gottingen (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>Canadian Mineralogist</i> <b>48</b> (2010), 673
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	
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>American Mineralogist</i> <b>95</b> (2010), 1109
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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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	
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	$\text{Mg}_6\text{Al}_2(\text{CO}_3)(\text{OH})_{16} \cdot 4\text{H}_2\text{O}$	G	1842	Norway	<i>Journal für Praktische Chemie</i> <b>27</b> (1842), 375	<i>Journal of Physical Chemistry</i> <b>100</b> (1996), 8527
Hydrotungstite	$\text{WO}_2(\text{OH})_2 \cdot \text{H}_2\text{O}$	G	1944	Bolivia	<i>American Mineralogist</i> <b>29</b> (1944), 129	<i>Bulletin of the Geological Society of Finland</i> <b>43</b> (1971), 89
Hydrowoodwardite	$(\text{Cu}_{1-x}\text{Al}_x)(\text{SO}_4)_{x/2}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ ( $x < 0.5$ , $n > 3x/2$ )	A	1996-038	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1999), 75	
Hydroxycalciopyrochlore	$(\text{Ca}, \text{Na}, \text{U}, \square)_2(\text{Nb}, \text{Ti})_2\text{O}_6(\text{OH})$	A	2011-026	China	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
Hydroxycalcioroméite	$(\text{Ca}, \text{Sb}^{3+})_2(\text{Sb}^{5+}, \text{Ti})_2\text{O}_6(\text{OH})$	Rd	2010 s.p.	Brazil	<i>Mineralogical Magazine</i> <b>11</b> (1895), 80	<i>Canadian Mineralogist</i> <b>48</b> (2010), 673
Hydroxycancrinite	$(\text{Na}, \text{Ca}, \text{K})_8(\text{Al}_6\text{Si}_6\text{O}_{24})(\text{OH}, \text{CO}_3)_2 \cdot 2\text{H}_2\text{O}$	A	1990-014	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(1)</b> (1992), 100	
Hydroxykenomicrolite	$(\square, \text{Na}, \text{Sb}^{3+})_2\text{Ta}_2\text{O}_6(\text{OH})$	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
Hydroxylapatite	$\text{Ca}_5(\text{PO}_4)_3\text{OH}$	Rn	2010 s.p.	Switzerland	<i>Annales des Mines</i> <b>10</b> (1856), 65	<i>Science</i> <b>180</b> (1973), 1055
Hydroxylbastnäsite-(Ce)	$\text{Ce}(\text{CO}_3)(\text{OH})$	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
Hydroxylbastnäsite-(Nd)	$\text{Nd}(\text{CO}_3)(\text{OH})$	Rn	1984-060	Montenegro	<i>Mineralogical Magazine</i> <b>49</b> (1985), 717	
Hydroxylborite	$\text{Mg}_3(\text{BO}_3)(\text{OH})_3$	A	2005-054	Russia	<i>Proceedings of the Russian Mineralogical Society</i> <b>136(1)</b> (2007), 69	
Hydroxylchondrodite	$\text{Mg}_5(\text{SiO}_4)_2(\text{OH})_2$	A	2010-019	Russia	CNMNC Newsletter 4 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 797	
Hydroxylclinohumite	$\text{Mg}_9(\text{SiO}_4)_4(\text{OH})_2$	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	$\text{Ca}_9(\text{SiO}_4)_4(\text{OH})_2$	A	2011-113	Russia	<i>American Mineralogist</i> <b>97</b> (2012), 1998	
Hydroxyllellestadite	$\text{Ca}_5(\text{SiO}_4)_{1.5}(\text{SO}_4)_{1.5}\text{OH}$	Rn	2010 s.p.	USA	<i>American Mineralogist</i> <b>22</b> (1937), 977	<i>American Mineralogist</i> <b>91</b> (2006), 1027

Hydroxylherderite	CaBe(PO <sub>4</sub> )(OH)	Rn	2007 s.p.	USA	<i>American Journal of Science</i> <b>147</b> (1894), 329	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1339
Hydroxylwagnerite	Mg <sub>2</sub> (PO <sub>4</sub> )(OH)	A	2004-009	Italy	nyp	
Hydroxymanganopyrochlore	(Mn,Th,Na,Ca,REE) <sub>2</sub> (Nb,Ti) <sub>2</sub> O <sub>6</sub> (OH)	A	2012-005	Germany	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Hydrozincite	Zn <sub>5</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>6</sub>	G	1853	Austria	Das Mohs'sche Mineralsystem. Gerold, Wien (1853),26	<i>Acta Crystallographica</i> <b>17</b> (1964), 1051
Hylbrownite	Na <sub>3</sub> MgP <sub>3</sub> O <sub>10</sub> ·12H <sub>2</sub> O	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	
Hyttsjöite	Pb <sub>18</sub> Ba <sub>2</sub> Ca <sub>5</sub> Mn <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> Si <sub>30</sub> O <sub>90</sub> Cl·6H <sub>2</sub> O	A	1993-056	Sweden	<i>American Mineralogist</i> <b>81</b> (1996), 743	
Ianbruceite	Zn <sub>2</sub> O[AsO <sub>3</sub> (OH)](H <sub>2</sub> O) <sub>3.53</sub>	A	2011-049	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1119	
Iangreyite	Ca <sub>2</sub> Al <sub>7</sub> (PO <sub>4</sub> ) <sub>2</sub> (PO <sub>3</sub> OH) <sub>2</sub> (OH,F) <sub>15</sub> ·8H <sub>2</sub> O	A	2009-087	USA	<i>Mineralogical Magazine</i> <b>75</b> (2011), 327	
Ianthinite	U <sup>4+</sup> <sub>2</sub> (UO <sub>2</sub> ) <sub>4</sub> O <sub>6</sub> (OH) <sub>4</sub> ·9H <sub>2</sub> O	G	1926	Democratic Republic of the Congo	<i>Natuurwetenschappelijk Tijdschrift voor Nederlandsch-Indie</i> <b>7</b> (1926), 97	<i>Journal of Nuclear Materials</i> <b>249</b> (1997), 199
Ice	H <sub>2</sub> O	G	?	unknown	original paper?	<i>Acta Crystallographica</i> <b>B41</b> (1985), 169
Icosahedrite	Al <sub>63</sub> Cu <sub>24</sub> Fe <sub>13</sub>	A	2010-042	Russia (meteorite)	<i>American Mineralogist</i> <b>96</b> (2011), 928	
Idaite	Cu <sub>3</sub> FeS <sub>4</sub>	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 <sub>22</sub> H <sub>14</sub>	G	1832	Slovenia	<i>Annalen der Physik</i> <b>102</b> (1832), 517	<i>American Mineralogist</i> <b>94</b> (2009), 1325
Iimoriite-(Y)	Y <sub>2</sub> (SiO <sub>4</sub> )(CO <sub>3</sub> )	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 <sub>3</sub> )·6H <sub>2</sub> O	A	1962-005	Denmark (Greenland)	<i>Naturens Verden</i> (1963), 168	<i>Zeitschrift für Kristallographie</i> <b>163</b> (1983), 227
Ikranite	(Na,H <sub>3</sub> O) <sub>15</sub> (Ca,Mn,REE) <sub>6</sub> Fe <sup>3+</sup> <sub>2</sub> Zr <sub>3</sub> Si <sub>24</sub> O <sub>66</sub> (O,OH) <sub>6</sub> Cl·nH <sub>2</sub> O	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 <sub>4</sub> S <sub>3</sub>	A	1962 s.p.	Japan	<i>Mineralogical Journal</i> <b>2</b> (1959), 357	
Ilesite	Mn <sup>2+</sup> (SO <sub>4</sub> )·4H <sub>2</sub> O	G	1881	USA	<i>American Chemical Journal</i> <b>3</b> (1881), 420	<i>Acta Crystallographica</i> <b>E58</b> (2002), i121
Ilimaussite-(Ce)	(Ba,Na) <sub>10</sub> K <sub>3</sub> Na <sub>4.5</sub> Ce <sub>5</sub> (Nb,Ti) <sub>6</sub> O <sub>6</sub> (Si <sub>12</sub> O <sub>36</sub> )(Si <sub>9</sub> O <sub>18</sub> )(O,OH) <sub>24</sub>	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
Iilinskite	NaCu <sub>5</sub> O <sub>2</sub> (Se <sup>4+</sup> O <sub>3</sub> ) <sub>2</sub> Cl <sub>3</sub>	A	1996-027	Russia	<i>Doklady Akademii Nauk</i> <b>353</b> (1997), 641	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 235
Ilmajokite	(Na,Ce,Ba) <sub>10</sub> Ti <sub>5</sub> Si <sub>14</sub> O <sub>22</sub> (OH) <sub>44</sub> ·nH <sub>2</sub> O	A	1971-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>101</b> (1972), 75	
Ilmenite	Fe <sup>2+</sup> Ti <sup>4+</sup> O <sub>3</sub>	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 <sub>3</sub> O <sub>8</sub> ·nH <sub>2</sub> O (?)	Q	1871	Austria	<i>Neues Jahrbuch für Mineralogie, Geologie und Paläontologie</i> (1871), 566	<i>American Mineralogist</i> <b>36</b> (1951), 609
Iltisite	HgAgSCl	A	1994-031	France	<i>Archives de Sciences de Genève</i> <b>50</b> (1997), 1	
Ilvaite	CaFe <sup>3+</sup> Fe <sup>2+</sup> <sub>2</sub> O(Si <sub>2</sub> O <sub>7</sub> )(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
IMA 2011-096 (name withdrawn)	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	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	

IMA 2012-054 (undisclosed name)	$(\text{CaCe}_{2.5}\text{Na}_{0.5})(\text{Al}_4)(\text{Si}_2\text{O}_7)(\text{SiO}_4)_3\text{O}(\text{OH})_2$	A	2012-054	Norway	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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
Imhofite	$\text{Tl}_{5.8}\text{As}_{15.4}\text{S}_{26}$	A	?	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	
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	?	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	$\text{Na}_2\text{CaBa}_4\text{Ti}_3(\text{Si}_2\text{O}_7)_2(\text{SO}_4)_2\text{O}_4$	A	1962 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>141</b> (1961), 1198	<i>Kristallografiya</i> <b>16</b> (1971), 87
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	AgI	A	1962 s.p.	Mexico	Cours de Minéralogie (Histoire naturelle). Masson, Paris (1859)	<i>Canadian Mineralogist</i> <b>35</b> (1997), 23
Iodine	I	Q	1897	Italy	<i>Rendiconti dell'Accademia di Scienze Naturali e Matematiche di Napoli</i> <b>7</b> (1897)	
Iowaite	$\text{Mg}_6\text{Fe}^{3+}_2(\text{OH})_{16}\text{Cl}_2 \cdot 4\text{H}_2\text{O}$	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	Minerally Urana Spravochnik (Uranium Minerals Handbook). Moscow (1957)	<i>Canadian Mineralogist</i> <b>38</b> (2000), 847
Irinarassite	$Ca_3Sn_2(Al_2SiO_{12})$	A	2010-073	Russia	CNMNC Newsletter 8 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 289	
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	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Ishikawaite	$(U,Fe,Y)NbO_4$	G	1922	Japan	<i>Journal of the Geological Society of Tokyo</i> <b>29</b> (1922), 316	<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
Isomertierite	$Pd_{11}Sb_2As_2$	A	1973-057	Brazil	<i>Mineralogical Magazine</i> <b>39</b> (1974), 528	<i>Kexue Tongbao</i> <b>23</b> (1978), 499
Isovite	$(Cr,Fe)_{23}Cr_6$	A	1996-039	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(5)</b> (1998), 26	
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), 16
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	
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 <sub>4</sub>	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

Ixiolite	(Ta,Mn,Nb)O <sub>2</sub>	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
Izoklakeite	Pb <sub>26.4</sub> (Cu,Fe) <sub>2</sub> (Sb,Bi) <sub>19.6</sub> S <sub>57</sub>	A	1983-065	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 1	<i>American Mineralogist</i> <b>72</b> (1987), 821
Jáchymovite	(UO <sub>2</sub> ) <sub>8</sub> (SO <sub>4</sub> )(OH) <sub>14</sub> ·13H <sub>2</sub> O	A	1994-025	Czech Republic	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>170</b> (1996), 155	
Jacobsite	Mn <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> O <sub>4</sub>	A	1982 s.p.	Sweden	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>69</b> (1869), 168	<i>American Mineralogist</i> <b>68</b> (1983), 449
Jacquiesdietrichite	Cu <sub>2</sub> BO(OH) <sub>5</sub>	A	2003-012	Morocco	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 361	
Jacutingaite	Pt <sub>2</sub> HgSe <sub>3</sub>	A	2010-078	Brazil	CNMNC Newsletter 8 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 289	
Jadarite	LiNaB <sub>3</sub> SiO <sub>7</sub> (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 <sub>2</sub> O <sub>6</sub>	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 <sub>6</sub> Si <sub>2</sub> O <sub>7</sub> (OH) <sub>6</sub>	A	1987-056	Namibia	<i>American Mineralogist</i> <b>74</b> (1989), 1203	<i>Crystallography Reports</i> <b>38</b> (1993), 464
Jagoite	Pb <sub>18</sub> Fe <sup>3+</sup> <sub>4</sub> [Si <sub>4</sub> (Si,Fe <sup>3+</sup> ) <sub>6</sub> ][Pb <sub>4</sub> Si <sub>16</sub> (Si,Fe) <sub>4</sub> ]O <sub>82</sub> Cl <sub>6</sub>	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 <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	A	1973-001	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 135	<i>American Mineralogist</i> <b>59</b> (1974), 291
Jagüéite	Cu <sub>2</sub> Pd <sub>3</sub> Se <sub>4</sub>	Rn	2002-060	Argentina	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1745	<i>Canadian Mineralogist</i> <b>44</b> (2006), 497
Jahnsite-(CaMnFe)	CaMn <sup>2+</sup> Fe <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	Rd	1978 s.p.	USA	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	
Jahnsite-(CaMnMg)	CaMn <sup>2+</sup> Mg <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	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 <sup>2+</sup> Mn <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	1987-020a	Portugal	<i>American Mineralogist</i> <b>75</b> (1990), 401	
Jahnsite-(MnMnMn)	Mn <sup>2+</sup> Mn <sup>2+</sup> Mn <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	Rd	1978 s.p.	USA	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	
Jahnsite-(NaFeMg)	NaFe <sup>3+</sup> Mg <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	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 <sub>5</sub>	A	2011-036	Iceland	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
Jalpaite	Ag <sub>3</sub> CuS <sub>2</sub>	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 <sup>2+</sup> <sub>6</sub> Ni <sup>3+</sup> <sub>2</sub> (OH) <sub>16</sub> S·4H <sub>2</sub> O	Q	1971-037	Italy	<i>American Mineralogist</i> <b>58</b> (1973), 835	<i>Journal of the Japanese Association of Mineralogists Petrologists and Economic Geologists</i> <b>88</b> (1993), 515
Jamesite	Pb <sub>2</sub> ZnFe <sup>3+</sup> <sub>2</sub> (Fe <sup>3+</sup> ,Zn) <sub>4</sub> (AsO <sub>4</sub> ) <sub>4</sub> (OH) <sub>8</sub> (OH,O) <sub>2</sub>	A	1978-079	Namibia	<i>Chemie der Erde</i> <b>40</b> (1981), 105	<i>Canadian Mineralogist</i> <b>37</b> (1999), 53
Jamesonite	Pb <sub>4</sub> FeSb <sub>6</sub> S <sub>14</sub>	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	(Mn <sup>4+</sup> ,Mn <sup>2+</sup> ,Fe <sup>3+</sup> ) <sub>6</sub> O <sub>8</sub> (OH) <sub>6</sub>	A	1975-011	South Korea	<i>Mineralogical Magazine</i> <b>41</b> (1977), 519	
Janhaugite	Na <sub>3</sub> Mn <sup>2+</sup> <sub>3</sub> Ti <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (O,OH,F) <sub>4</sub>	A	1981-018	Norway	<i>American Mineralogist</i> <b>68</b> (1983), 1216	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 7
Jankovičite	Tl <sub>5</sub> Sb <sub>9</sub> (As,Sb) <sub>4</sub> S <sub>22</sub>	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	CaB <sub>3</sub> O <sub>4</sub> (OH) <sub>3</sub>	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	Na <sub>2</sub> (Sr,Na) <sub>14</sub> (Mg,□) <sub>2</sub> Al <sub>12</sub> F <sub>64</sub> (OH) <sub>4</sub>	G	1933	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>92</b> (1933), 2	<i>Canadian Mineralogist</i> <b>30</b> (1992), 449



Jarosewichite	$Mn^{3+}Mn^{2+}_3(AsO_4)(OH)_6$	A	1981-060	USA	<i>American Mineralogist</i> <b>67</b> (1982), 1043	
Jarosite	$KFe^{3+}_3(SO_4)_2(OH)_6$	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	$Cu_xPb_{2+x}(Sb,Bi)_{2-x}S_5$ ( $x \approx 0.15$ )	A	1982-057	Sweden	<i>Canadian Mineralogist</i> <b>22</b> (1984), 481	<i>Zeitschrift für Kristallographie</i> <b>171</b> (1985), 179
Jasmundite	$Ca_{11}O_2(SiO_4)_4S$	A	1981-047	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 337	<i>Acta Crystallographica</i> <b>B37</b> (1981), 803
Jasrouxite	$Ag_{16}Pb_4(Sb_{24}As_{16})_{\Sigma 40}S_{72}$	A	2012-058	France	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Jeanbandyite	$(Fe^{3+}, Mn^{2+}, Fe^{2+})(Sn^{4+}, \square)(OH)_6$	A	1980-043	Bolivia	<i>Mineralogical Record</i> <b>13</b> (1982), 235	<i>Mineralogical Magazine</i> <b>62</b> (1998), 707
Jedwabite	$Fe_7Ta_3$	A	1995-043	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(2)</b> (1997), 100	
Jeffreyite	$(Ca,Na)_2(Be,Al)Si_2(O,OH)_7$	A	1982-095	Canada	<i>Canadian Mineralogist</i> <b>22</b> (1984), 443	
Jennite	$Ca_9(Si_3O_9)_2(OH)_6 \cdot 8H_2O$	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	$Cu^{2+}_3Te^{6+}O_6 \cdot 2H_2O$	A	1994-043	USA	<i>Canadian Mineralogist</i> <b>34</b> (1996), 49	<i>Canadian Mineralogist</i> <b>34</b> (1996), 55
Jentschite	$TiPbAs_2SbS_6$	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
Jeppite	$(K,Ba)_2(Ti,Fe^{3+})_6O_{13}$	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	$Al_6(BO_3)_5F_3$	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	$Mn^{2+}_9(SiO_4)_4(OH)_2$	A	1981-059	USA	<i>American Mineralogist</i> <b>69</b> (1984), 546	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 410
Jervisite	$NaSc^{3+}Si_2O_6$	A	1980-012	Italy	<i>American Mineralogist</i> <b>67</b> (1982), 599	<i>Periodico di Mineralogia</i> <b>75</b> (2006), 189
Jianshuiite	$MgMn^{4+}_3O_7 \cdot 3H_2O$	A	1990-019	China	<i>Acta Mineralogica Sinica</i> <b>12(1)</b> (1992), 69	
Jimboite	$Mn^{2+}_3(BO_3)_2$	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	$Mg_5Si_6O_{16}(OH)_2$	A	1977-011	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1000	<i>American Mineralogist</i> <b>63</b> (1978), 1053
Jinshajiangite	$BaNaFe^{2+}_4Ti_2(Si_2O_7)_2O_2(OH)_2F$	A	1981-061	China	<i>Geochemistry (China)</i> <b>1</b> (1982), 458	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 871
Jixianite	$(Pb, \square)_2(W, Fe^{3+})_2(O, OH)_7$	Q	2013 s.p.	China	<i>Acta Geologica Sinica</i> <b>53</b> (1979), 46	
Joanneumite	$Cu(C_3N_3O_3H_2)_2(NH_3)_2$	A	2012-001	Chile	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Joaquinite-(Ce)	$NaBa_2Fe^{2+}Ti_2Ce_2(Si_4O_{12})_2O_2(OH) \cdot H_2O$	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
Joëlbruggerite	$Pb_3Zn_3Sb^{5+}As_2O_{13}(OH)$	A	2008-034	USA	<i>American Mineralogist</i> <b>94</b> (2009), 1012	
Joessmithite	$Pb^{2+}Ca_2(Mg_3Fe^{3+}_2)(Si_6Be_2)O_{22}(OH)_2$	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	$CaAlB_3O_7$	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	$Cu(UO_2)_2(SO_4)_2(OH)_2 \cdot 8H_2O$	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	$CaMnSi_2O_6$	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	
Jōkokuite	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), 455	<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
Joséite-A	Bi <sub>4</sub> TeS <sub>2</sub>	Q	1853	Brazil	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 211	<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	Ca <sub>2</sub> CuAl[AsO <sub>4</sub> ][AsO <sub>3</sub> (OH)] <sub>2</sub> (OH) <sub>2</sub> ·5H <sub>2</sub> O	A	2012-091	Chile	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2773	
Jouravskite	Ca <sub>3</sub> Mn <sup>4+</sup> (SO <sub>4</sub> )(CO <sub>3</sub> )(OH) <sub>6</sub> ·12H <sub>2</sub> 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	CaCu <sub>10</sub> (Te <sup>4+</sup> O <sub>3</sub> ) <sub>4</sub> (AsO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	A	1996-001	USA	<i>Mineralogical Magazine</i> <b>61</b> (1997), 139	<i>Canadian Mineralogist</i> <b>38</b> (2000), 809
Juangodoyite	Na <sub>2</sub> Cu(CO <sub>3</sub> ) <sub>2</sub>	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	(Cu, Ca, Fe) <sub>10</sub> Bi(AsO <sub>4</sub> ) <sub>4</sub> (OH) <sub>11</sub> ·2H <sub>2</sub> O	A	1999-022	USA	<i>Mineralogical Record</i> <b>31</b> (2000), 305	
Juanite	Ca <sub>10</sub> (Mg, Fe <sup>2+</sup> ) <sub>4</sub> (Si, Al) <sub>13</sub> (O, OH) <sub>39</sub> ·4H <sub>2</sub> O (?)	Q	1932	USA	<i>American Mineralogist</i> <b>17</b> (1932), 343	<i>Geologiya i Geofizika</i> <b>12</b> (1971), 62
Julgoldite-(Fe <sup>2+</sup> )	Ca <sub>2</sub> Fe <sup>2+</sup> Fe <sup>3+</sup> <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	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> )	Ca <sub>2</sub> Fe <sup>3+</sup> Fe <sup>3+</sup> <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> )(SiO <sub>4</sub> )O(OH)·H <sub>2</sub> 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)	Ca <sub>2</sub> MgFe <sup>3+</sup> <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.	Japan	<i>Canadian Mineralogist</i> <b>12</b> (1973), 219	
Julienite	Na <sub>2</sub> Co(SCN) <sub>4</sub> ·8H <sub>2</sub> 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	Ca <sub>2</sub> Zn <sub>4</sub> Fe <sup>3+</sup> <sub>8</sub> (PO <sub>4</sub> ) <sub>9</sub> (OH) <sub>9</sub> ·16H <sub>2</sub> O	A	1977-034	Germany	<i>Aufschluss</i> <b>31</b> (1980), 55	
Junitoite	CaZn <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> ·H <sub>2</sub> O	A	1975-042	USA	<i>American Mineralogist</i> <b>61</b> (1976), 1255	<i>Mineralogical Magazine</i> <b>49</b> (1985), 91
Junoite	Cu <sub>2</sub> Pb <sub>3</sub> Bi <sub>8</sub> (S, Se) <sub>16</sub>	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	$\text{Hg}^{1+}_6\text{OBr}_3(\text{OH})$	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	$\text{NaCa}_2(\text{Mg}_3\text{Ti}^{4+}\text{Al})(\text{Si}_6\text{Al}_2)\text{O}_{22}\text{O}_2$	Rd	2012 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>7</b> (1884), 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
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
Kaliborite	$\text{KHMg}_2\text{B}_{12}\text{O}_{16}(\text{OH})_{10}\cdot 4\text{H}_2\text{O}$	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	$\text{K}_5\text{Fe}^{3+}_7\text{Si}_{20}\text{O}_{50}(\text{OH})_6\cdot 12\text{H}_2\text{O}$	A	1996-007	Russia	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 865	
Kalininite	$\text{ZnCr}_2\text{S}_4$	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	$\text{KAl}(\text{SO}_4)_2\cdot 11\text{H}_2\text{O}$	D?	1868	unknown	<i>A System of Mineralogy</i> , 5th ed. Wiley, New York (1868), 652	
Kaliophilite	$\text{KAlSiO}_4$	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	$\text{K}_2\text{Sr}(\text{SO}_4)_2$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 712	
Kalsilite	$\text{KAlSiO}_4$	G	1942	Uganda	<i>Mineralogical Magazine</i> <b>26</b> (1942), 218	<i>American Mineralogist</i> <b>95</b> (2010), 1024
Kalungaitite	$\text{PdAsSe}$	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	$\text{Ca}_2(\text{SiAl}_2)\text{O}_6(\text{OH})_2$	A	1980-052	Japan	<i>Proceedings of the Japan Academy</i> <b>57B</b> (1981), 239	
Kamarizaitite	$\text{Fe}^{3+}_3(\text{AsO}_4)_2(\text{OH})_3\cdot 3\text{H}_2\text{O}$	A	2008-017	Greece	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(3)</b> (2009), 100	
Kambaldaite	$\text{NaNi}_4(\text{CO}_3)_3(\text{OH})_3\cdot 3\text{H}_2\text{O}$	A	1982-098	Australia	<i>American Mineralogist</i> <b>70</b> (1985), 419	<i>American Mineralogist</i> <b>70</b> (1985), 423
Kamchatkite	$\text{KCu}_3\text{O}(\text{SO}_4)_2\text{Cl}$	A	1987-018	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>117</b> (1988), 459	<i>Mineralogical Magazine</i> <b>54</b> (1990), 613
Kamiokite	$\text{Fe}^{2+}_2\text{Mo}^{4+}_3\text{O}_8$	A	1975-003	Japan	<i>Mineralogical Journal</i> <b>12</b> (1985), 393	<i>Acta Crystallographica</i> <b>C42</b> (1986), 9

Kamitugaite	$\text{PbAl}(\text{UO}_2)_5(\text{PO}_4)_2(\text{OH})_9 \cdot 9.5\text{H}_2\text{O}$	Rn	1983-030	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>107</b> (1984), 15	
Kamotoite-(Y)	$\text{Y}_2\text{O}_4(\text{UO}_2)_4(\text{CO}_3)_3 \cdot 14\text{H}_2\text{O}$	Rn	1985-051	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>109</b> (1986), 643	
Kampfite	$\text{Ba}_{12}(\text{Si}_{11}\text{Al}_5)\text{O}_{31}(\text{CO}_3)_9\text{Cl}_5$	A	2000-003	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1053	<i>Canadian Mineralogist</i> <b>45</b> (2007), 935
Kamphaugite-(Y)	$\text{CaY}(\text{CO}_3)_2(\text{OH}) \cdot \text{H}_2\text{O}$	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	$\text{HNaSi}_2\text{O}_5 \cdot 3\text{H}_2\text{O}$	A	1971-050	Chad	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>95</b> (1972), 371	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 125
Kangite	$(\text{Sc}, \text{Ti}, \text{Al}, \text{Zr}, \text{Mg}, \text{Ca}, \square)_2\text{O}_3$	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
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	$\text{Fe}^{3+}_2\text{As}^{3+}_4\text{O}_9$	A	1973-007	Namibia	<i>Lithos</i> <b>6</b> (1973), 265	
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, Geokhimmii, Kristalloghimmii Redkikh Elementov, Akademiia Nauk SSSR</i> <b>2</b> (1959), 95	
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
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	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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 de l'Académie des Sciences Série II</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
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	$\text{Na}(\text{NaCa})(\text{Mg}_4\text{Al})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Norway	<i>Videnskabssekabets Skrifter. I. Matematisk-Naturvidenskabelig Klasse</i> <b>4</b> (1894), 1	
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
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	$\text{BaNa}_3\text{Ti}_2\text{Nb}(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2(\text{H}_2\text{O})_4$	A	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
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> (1970), 201	<i>Mineralogical Magazine</i> <b>74</b> (2010), 919

Kempite	$Mn^{2+}_2Cl(OH)_3$	G	1924	USA	<i>American Journal of Science</i> <b>8</b> (1924), 145	
Kenhsuite	$Hg_3S_2Cl_2$	A	1996-026	USA	<i>Canadian Mineralogist</i> <b>36</b> (1998), 201	
Kentbrooksite	$(Na,REE)_{15}(Ca,REE)_6Mn_3Zr_3Nb(Si_{25}O_{73})(O,OH,H_2O)_3(F,Cl)_2$	A	1996-023	Denmark (Greenland)	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 207	
Kentrolite	$Pb_2Mn^{3+}_2O_2(Si_2O_7)$	G	1881	Sweden	<i>Zeitschrift für Kristallographie und Mineralogie</i> <b>5</b> (1881), 32	<i>American Mineralogist</i> <b>93</b> (2008), 573
Kenyaite	$Na_2Si_{22}O_{41}(OH)_8 \cdot 6H_2O$	A	1967-018	Kenya	<i>Science</i> <b>157</b> (1967), 1177	<i>American Mineralogist</i> <b>68</b> (1983), 818
Kerimasite	$Ca_3Zr_2(Fe^{3+}_2Si)O_{12}$	A	2009-029	Tanzania	<i>Mineralogical Magazine</i> <b>74</b> (2010), 803	
Kermesite	$Sb_2OS_2$	G	1843	Germany	Practical mineralogy. Bailliere, London (1843), 61	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 557
Kernite	$Na_2B_4O_6(OH)_2 \cdot 3H_2O$	G	1927	USA	<i>American Mineralogist</i> <b>12</b> (1927), 24	<i>American Mineralogist</i> <b>58</b> (1973), 21
Kësterite	$Cu_2ZnSnS_4$	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	$CaBiO(CO_3)F$	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
Keyite	$Cu^{2+}_3Zn_4Cd_2(AsO_4)_6 \cdot 2H_2O$	A	1975-002	Namibia	<i>Mineralogical Record</i> <b>8</b> (1977), 87	<i>Canadian Mineralogist</i> <b>34</b> (1996), 623
Keystoneite	$Mg_{0.5}NiFe^{3+}(Te^{4+}O_3)_3 \cdot 4.5H_2O$	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	$Al(SO_4)F \cdot 5H_2O$	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	$Cu_4Al_3(OH)_{14}F_3 \cdot 2H_2O$	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	$(Na,Ca)_3(Ba,Sr,Ce,Ca)_3(CO_3)_5$	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	$(Cu,Pt,Pb,Fe,Ni)_9S_8$	A	1983-080	Russia	<i>Mineralogiceskij Zhurnal</i> <b>7</b> (1985), 78	
Khatyrkite	$CuAl_2$	A	1983-085	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 90	
Khibinskite	$K_2ZrSi_2O_7$	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	$Cu^{2+}_3PbTe^{6+}O_6(OH)_2$	A	1978-035	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1016	<i>Mineralogical Magazine</i> <b>72</b> (2008), 763
Khmaralite	$Mg_4(Mg_3Al_9)O_4[Si_5Be_2Al_5O_{36}]$	A	1998-027	Antarctica	<i>American Mineralogist</i> <b>84</b> (1999), 1650	<i>American Mineralogist</i> <b>89</b> (2004), 627
Khomyakovite	$Na_{12}Sr_3Ca_6Fe_3Zr_3W(Si_{25}O_{73})(O,OH,H_2O)_3(Cl,OH)_2$	A	1998-042	Canada	<i>Canadian Mineralogist</i> <b>37</b> (1999), 993	
Khristovite-(Ce)	$CaCe(MgAlMn^{2+})[Si_2O_7][SiO_4]F(OH)$	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
Kiddcreekite	$Cu_6WSnS_8$	A	1982-106	Canada	<i>Canadian Mineralogist</i> <b>22</b> (1984), 227	

Kidwellite	$\text{NaFe}^{3+}_9(\text{PO}_4)_6(\text{OH})_{11}\cdot 3\text{H}_2\text{O}$	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	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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	$\text{Ca}_3(\text{Zr}, \text{Ti})_2(\text{Si}, \text{Al}, \text{Fe}^{3+})_3\text{O}_{12}$	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	$[\text{Na}_5\text{Ca}_2\text{K}]_8(\text{Si}_6\text{Al}_6\text{O}_{24})(\text{SO}_4)_2\cdot 0.33\text{H}_2\text{O}$	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
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	
Klebensbergite	$\text{Sb}^{3+}_4\text{O}_4(\text{SO}_4)(\text{OH})_2$	Rd	1980 s.p.	Romania	<i>Matematikai és Természet-tudományi Értesítő</i> <b>46</b> (1929), 19	<i>American Mineralogist</i> <b>65</b> (1980), 931
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	$\text{K}\square_2\text{Fe}^{2+}\text{Fe}^{3+}\text{Zn}_3[\text{Si}_{12}\text{O}_{30}]$	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	$K_3Cu_3Fe^{3+}O_2(SO_4)_4$	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	$K_3Na_4(SiF_6)_3(BF_4)$	A	2006-042	Italy	<i>Canadian Mineralogist</i> <b>46</b> (2008), 447	
Knorringtonite	$Mg_3Cr_2(SiO_4)_3$	A	1968-010	Lesotho	<i>American Mineralogist</i> <b>53</b> (1968), 1833	<i>American Mineralogist</i> <b>95</b> (2010), 59
Koashvite	$Na_6CaTiSi_6O_{18}$	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)	$(Y,U)(Ti,Nb)_2(O,OH)_6$ (?)	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	$Pb_{11}(Cu,Fe)_2(Bi,Sb)_{15}S_{35}$	G	1841	Sweden	<i>Svenska Vetenskaps-Akademiens Handlingar</i> (1841), 188	<i>Nature Physical Science</i> <b>231</b> (1971), 133
Kobokoboite	$Al_6(PO_4)_4(OH)_6 \cdot 11H_2O$	A	2009-057	Democratic Republic of the Congo	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 305	
Kobyrashevite	$Cu_5(SO_4)_2(OH)_6 \cdot 4H_2O$	A	2011-066	Russia	<i>Mineralogy and Petrology</i> <b>107</b> (2013), 201	
Kochite	$Na_3Ca_2MnZrTi(Si_2O_7)_2OF_3$	A	2002-012	Denmark (Greenland)	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 551	
Kochkarite	$PbBi_4Te_7$	A	1988-030	Russia	<i>Geologiya Rudnykh Mestorozhdenii</i> <b>31</b> (1989), 98	
Kochsándorite	$CaAl_2(CO_3)_2(OH)_4 \cdot H_2O$	A	2004-037	Hungary	<i>Canadian Mineralogist</i> <b>45</b> (2007), 483	
Koehlinite	$Bi_2MoO_6$	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	$Na_4Mg_9Al_4Cl_{12}(OH)_{22}$	G	1902	Germany	<i>Centralblatt für Mineralogie, Geologie und Paläontologie</i> (1902), 493	<i>Zeitschrift für Kristallographie</i> <b>126</b> (1968), 7
Kogarkoite	$Na_3(SO_4)F$	A	1970-038	Russia	<i>American Mineralogist</i> <b>58</b> (1973), 116	<i>Mineralogical Magazine</i> <b>43</b> (1980), 753
Kokchetavite	$K(AlSi_3O_8)$	A	2004-011	Kazakhstan	<i>Contributions to Mineralogy and Petrology</i> <b>148</b> (2004), 380	
Koksharovite	$CaMg_2Fe^{3+}_4(VO_4)_6$	A	2012-092	Russia	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Koktaite	$(NH_4)_2Ca(SO_4)_2 \cdot H_2O$	G	1948	Czech Republic	<i>Acta Academiae Scientiarum Naturalium Moravo-Silesiaca</i> <b>20</b> (1948), 1	
Kolarite	$PbTeCl_2$	A	1983-081	India	<i>Canadian Mineralogist</i> <b>23</b> (1985), 501	
Kolbeckite	$Sc(PO_4) \cdot 2H_2O$	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	$Ca_2Fe^{3+}_3O_2(AsO_4)_3 \cdot 2H_2O$	A	1981-017	Russia	<i>Mineralogicheskii Zhurnal</i> <b>4(2)</b> (1982), 90	
Kolicite	$Zn_4Mn^{2+}_7(AsO_4)_2(SiO_4)_2(OH)_8$	A	1978-076	USA	<i>American Mineralogist</i> <b>64</b> (1979), 708	<i>American Mineralogist</i> <b>65</b> (1980), 483
Kolitschite	$Pb[Zn_{0.5}, \square_{0.5}]Fe_3(AsO_4)_2(OH)_6$	A	2008-063	Australia	<i>Australian Journal of Mineralogy</i> <b>14</b> (2008), 63	
Kolovratite	$(Ni,Zn)_x(VO_4) \cdot nH_2O$	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	$CaNa_2Ti_4(Si_2O_7)_2O_4(H_2O)_7$	A	2013-005	Russia	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Kolwezite	$(Cu,Co)_2(CO_3)(OH)_2$	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	Société Géologique de Belgique, <i>Mémoires</i> , <b>11</b> (1883-1884), 274	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>91</b> (1968), 487
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	$\text{NaCr}^{3+}\text{Si}_2\text{O}_6$	A	1988 s.p.	Mexico	<i>Zeitschrift für Kristallographie 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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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
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	$\text{Na}_4[\text{Mg}_6\text{Cr}^{3+}_4]\text{O}_4[\text{Si}_{12}\text{O}_{36}]$	A	1967-016	USA	<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	northwest Africa (meteorite)	<i>American Mineralogist</i> <b>96</b> (2011), 709	

Krupkaite	PbCuBi <sub>3</sub> S <sub>6</sub>	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	CuSe <sub>2</sub>	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	NiAs <sub>2</sub>	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
Kryzhanovskite	(Fe <sup>3+</sup> , Mn <sup>2+</sup> ) <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH, H <sub>2</sub> O) <sub>3</sub>	G	1950	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>72</b> (1950), 763	<i>Mineralogical Magazine</i> <b>43</b> (1980), 789
Ktenasite	(Cu, Zn) <sub>5</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> ·6H <sub>2</sub> 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)	NaCeBa <sub>3</sub> (PO <sub>4</sub> ) <sub>3</sub> F <sub>0.5</sub> Cl <sub>0.5</sub>	A	2002-013	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>42</b> (2004), 95	
Kudriavite	(Cd, Pb)Bi <sub>2</sub> S <sub>4</sub>	A	2003-011	Russia	<i>Canadian Mineralogist</i> <b>43</b> (2005), 695	<i>Canadian Mineralogist</i> <b>45</b> (2007), 437
Kudryavtsevaite	Na <sub>3</sub> MgFe <sup>3+</sup> Ti <sub>4</sub> O <sub>12</sub>	A	2012-078	Botswana	<i>Mineralogical Magazine</i> <b>77</b> (2013), 327	
Kukharenkoite-(Ce)	Ba <sub>2</sub> Ce(CO <sub>3</sub> ) <sub>3</sub> F	A	1995-040	Canada / Russia	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 1327	
Kukharenkoite-(La)	Ba <sub>2</sub> La(CO <sub>3</sub> ) <sub>3</sub> F	A	2002-019	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(3)</b> (2003), 55	
Kukisvumite	Na <sub>6</sub> ZnTi <sub>4</sub> O <sub>4</sub> (SiO <sub>3</sub> ) <sub>8</sub> ·4H <sub>2</sub> 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	Pb <sub>3</sub> Zn <sub>3</sub> TeO <sub>6</sub> (PO <sub>4</sub> ) <sub>2</sub>	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	BaFe <sup>2+</sup> <sub>2</sub> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> (OH) <sub>3</sub>	A	1975-012	Canada	<i>Canadian Mineralogist</i> <b>14</b> (1976), 127	<i>Canadian Mineralogist</i> <b>32</b> (1994), 15
Kuliokite-(Y)	Y <sub>4</sub> Al(SiO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> F <sub>5</sub>	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	Na <sub>0.3</sub> Mg <sub>8</sub> Al(Si, Al) <sub>8</sub> O <sub>20</sub> (OH) <sub>10</sub>	A	1980-031	Algeria	<i>Contributions to Mineralogy and Petrology</i> <b>80</b> (1982), 103	
Kullerudite	NiSe <sub>2</sub>	A	1967 s.p.	Finland	<i>Comptes Rendus de la Société Géologique de Finlande</i> <b>36</b> (1964), 113	
Kumdykolite	Na(AlSi <sub>3</sub> O <sub>8</sub> )	A	2007-049	Kazakhstan	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 1325	<i>American Mineralogist</i> <b>98</b> (2013), 1070
Kumtyubeite	Ca <sub>5</sub> (SiO <sub>4</sub> ) <sub>2</sub> F <sub>2</sub>	A	2008-045	Russia	<i>American Mineralogist</i> <b>94</b> (2009), 1361	
Kunatite	CuFe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	A	2007-057	Australia	<i>Australian Journal of Mineralogy</i> <b>14</b> (2008), 3	
Kupčikite	Cu <sub>3.4</sub> Fe <sub>0.6</sub> Bi <sub>5</sub> S <sub>10</sub>	A	2001-017	Austria	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1155	
Kupletskite	K <sub>2</sub> NaMn <sup>2+</sup> <sub>7</sub> Ti <sub>2</sub> Si <sub>8</sub> O <sub>26</sub> (OH) <sub>4</sub> 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)	Cs <sub>2</sub> NaMn <sup>2+</sup> <sub>7</sub> Ti <sub>2</sub> Si <sub>8</sub> O <sub>26</sub> (OH) <sub>4</sub> 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	Cu <sub>3</sub> SnS <sub>4</sub>	A	1979-013	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>108</b> (1979), 564	
Kuranakhite	PbMn <sup>4+</sup> Te <sup>6+</sup> O <sub>6</sub>	A	1974-030	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>104</b> (1975), 310	

Kurchatovite	CaMgB <sub>2</sub> O <sub>5</sub>	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	CaSrB <sub>5</sub> O <sub>9</sub> Cl·H <sub>2</sub> O	Rd	2000 s.p.	Kazakhstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(3)</b> (2001), 71	
Kurilite	Ag <sub>8</sub> Te <sub>3</sub> Se	A	2009-080	Russia	<i>Mineralogical Magazine</i> <b>74</b> (2010), 463	
Kurnakovite	MgB <sub>3</sub> O <sub>3</sub> (OH) <sub>5</sub> ·5H <sub>2</sub> 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	Zn <sub>8</sub> Al <sub>8</sub> V <sup>5+</sup> <sub>2</sub> Si <sub>5</sub> O <sub>35</sub> ·27H <sub>2</sub> O (?)	Q	1954	Kazakhstan	<i>Izvestiya Akademii Nauk SSSR</i> <b>134(19)</b> (1954), 116	
Kusachiite	Cu <sup>2+</sup> Bi <sup>3+</sup> <sub>2</sub> O <sub>4</sub>	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	CaAlAlSiO <sub>6</sub>	A	2008-059	Antarctica (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 1479	
Kutinaite	Ag <sub>6</sub> Cu <sub>14</sub> As <sub>7</sub>	A	1969-034	Czech Republic	<i>American Mineralogist</i> <b>55</b> (1970), 1083	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1437
Kutnohorite	CaMn <sup>2+</sup> (CO <sub>3</sub> ) <sub>2</sub>	G	1903	Czech Republic	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</i> (1903), 338	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 539
Kuzelite	Ca <sub>4</sub> Al <sub>2</sub> (OH) <sub>12</sub> (SO <sub>4</sub> ) <sub>6</sub> ·6H <sub>2</sub> 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	K <sub>2</sub> MnTi <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·5-6H <sub>2</sub> 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	K <sub>2</sub> ZnTi <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·6-8H <sub>2</sub> 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	
Kyrgyzstanite	ZnAl <sub>4</sub> (OH) <sub>12</sub> (SO <sub>4</sub> ) <sub>3</sub> ·3H <sub>2</sub> O	A	2004-024	Kyrgyzstan	<i>New Data on Minerals</i> <b>40</b> (2005), 23	
Kyuygenite	Ca <sub>12</sub> Al <sub>14</sub> O <sub>32</sub> [(H <sub>2</sub> O) <sub>4</sub> Cl <sub>2</sub> ]	A	2012-046	Russia	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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>Mineralogical Magazine</i> <b>77</b> (2013), 33
Laachite	(Ca,Mn) <sub>2</sub> Zr <sub>2</sub> Nb <sub>2</sub> TiFeO <sub>14</sub>	A	2012-100	Germany	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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	$\text{Na}_4\text{K}_4\text{Mg}_2\text{Ti}_6\text{O}_4(\text{Si}_4\text{O}_{12})_4(\text{OH})_4 \cdot 10\text{-}12\text{H}_2\text{O}$	A	1998-050a	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(4)</b> (2001), 36	
Labuntsovite-Mn	$\text{Na}_4\text{K}_4\text{Mn}^{2+}_2\text{Ti}_6\text{O}_4(\text{Si}_4\text{O}_{12})_4(\text{OH})_4 \cdot 10\text{-}12\text{H}_2\text{O}$	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	$(\text{Na},\text{K},\text{Sr})_{35}\text{Ca}_{12}\text{Fe}_3\text{Zr}_6\text{TiSi}_{51}\text{O}_{144}(\text{O},\text{OH},\text{H}_2\text{O})_9\text{Cl}_3$	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	$\text{NaAl}(\text{PO}_4)\text{F}$	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	$\text{AgHgAsS}_3$	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	$\text{Pd}_3\text{Pb}_2\text{S}_2$	A	2000-014	Finland	<i>Canadian Mineralogist</i> <b>40</b> (2002), 671	
Laforêtite	$\text{AgInS}_2$	A	1995-006	France	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 891	
Lafossaite	$\text{TlCl}$	A	2003-032	Italy	<i>Mineralogical Record</i> <b>37</b> (2006), 165	
Lahnsteinite	$\text{Zn}_4(\text{SO}_4)(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	A	2012-002	Germany	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Laihunite	$(\text{Fe}^{3+}, \text{Fe}^{2+}, \square)_2(\text{SiO}_4)$	A	1988-xxx	China	<i>Geochimica</i> <b>2</b> (1976), 95	<i>American Mineralogist</i> <b>71</b> (1986), 1455
Laitakarite	$\text{Bi}_4(\text{Se},\text{S})_3$	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	$\text{CaZrO}_3$	A	2007-014	Russia	<i>American Mineralogist</i> <b>93</b> (2008), 1903	
Lakebogaite	$\text{NaCaFe}_2\text{H}(\text{UO}_2)_2(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	2007-001	Australia	<i>American Mineralogist</i> <b>93</b> (2008), 691	
Lalondeite	$(\text{Na},\text{Ca})_6(\text{Ca},\text{Na})_3\text{Si}_{16}\text{O}_{38}(\text{F},\text{OH})_2 \cdot 3\text{H}_2\text{O}$	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	$\text{Na}_3(\text{SrNa})\text{Ti}_3(\text{Si}_2\text{O}_7)_2\text{O}_2(\text{OH})_2$	G	1894	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	$(\text{Na},\text{Pb})(\text{Mn}^{2+},\text{Y})(\text{Zn},\text{Fe})_2(\text{Ti},\text{Fe}^{3+},\text{Nb})_{18}(\text{O},\text{OH},\text{F})\text{O}_{38}$	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	$\text{Mn}^{2+}_9\text{Fe}^{3+}_3(\text{PO}_4)_6(\text{OH})_3 \cdot 9\text{H}_2\text{O}$	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), 1508
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>Science in China</i> <b>B33</b> (1990), 1350
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	$\text{As}_2(\text{Se}, \text{S})_3$	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)	$\text{Ca}_6(\text{Fe}^{2+}, \text{Mn}^{2+})\text{Y}_3\text{REE}_7(\text{SiO}_4)_3(\text{PO}_4)(\text{B}_3\text{Si}_3\text{O}_{18})(\text{BO}_3)\text{F}_{11}$	A	2011-081	Tajikistan	CNMNC Newsletter 12 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 151	
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	$(\text{Cu}, \text{Ag})_{21}\text{PbBiS}_{13}$	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	$(\text{Ca}, \text{K})_4(\text{Si}, \text{Al})_5\text{O}_{11}(\text{SO}_4, \text{CO}_3)$	G	1953	Italy	<i>Mineralogical Magazine</i> <b>30</b> (1953), 39	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 167
Latrappite	$(\text{Ca}, \text{Na})(\text{Nb}, \text{Ti})\text{O}_3$	A	1964-019	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>American Mineralogist</i> <b>50</b> (1965), 1884
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	$\text{CuPb}_{10}(\text{Sb}, \text{As})_{13}\text{S}_{20}$	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	$\text{K}(\text{Li,Cu})\text{Cu}_6(\text{Si}_4\text{O}_{11})_2(\text{OH})_4$	A	2012-028	South Africa	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
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	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
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	Probl. Kristalloghim. Genezisa Miner (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	$\text{MgAl}_2(\text{PO}_4)_2(\text{OH})_2$	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	$\text{Na}_3\text{Ca}(\text{Si}_3\text{Al}_3)\text{O}_{12}\text{S}$	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	$\text{HgPb}_2$	A	1981-042	China	<i>Dizhi Lunping [Geological Review]</i> <b>27</b> (1981), 108	
Leadhillite	$\text{Pb}_4(\text{SO}_4)(\text{CO}_3)_2(\text{OH})_2$	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 366	<i>American Mineralogist</i> <b>90</b> (2005), 1641
Lechatelierite	$\text{SiO}_2$	Q	1915	unknown	<i>Bulletin de la Société Française de Minéralogie</i> <b>38</b> (1915), 182	
Lecontite	$(\text{NH}_4)\text{Na}(\text{SO}_4) \cdot 2\text{H}_2\text{O}$	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)	$\text{Na}_3\text{Y}(\text{CO}_3)_3 \cdot 6\text{H}_2\text{O}$	A	2008-069	Canada	<i>Canadian Mineralogist</i> <b>48</b> (2010), 95	
Legrandite	$\text{Zn}_2(\text{AsO}_4)(\text{OH}) \cdot \text{H}_2\text{O}$	G	1932	Mexico	<i>Mineralogical Magazine</i> <b>23</b> (1932), 175	<i>Canadian Mineralogist</i> <b>51</b> (2013), 233
Lehnerite	$\text{Mn}^{2+}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	A	1986-032	Germany	<i>Aufschluss</i> <b>39</b> (1988), 209	
Leifite	$\text{Na}_7\text{Be}_2(\text{Si}_{15}\text{Al}_3)\text{O}_{39}(\text{F,OH})_2$	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	$\text{K}_2\text{Ca}_2\text{Cu}(\text{SO}_4)_4 \cdot 2\text{H}_2\text{O}$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 34	<i>American Mineralogist</i> <b>87</b> (2002), 721
Leisingite	$\text{CuMg}_2\text{Te}^{6+}\text{O}_6 \cdot 6\text{H}_2\text{O}$	A	1995-011	USA	<i>Mineralogical Magazine</i> <b>60</b> (1996), 653	<i>Canadian Mineralogist</i> <b>35</b> (1997), 759
Leiteite	$\text{ZnAs}^{3+}_2\text{O}_4$	A	1976-026	Namibia	<i>Mineralogical Record</i> <b>8</b> (1977), 95	<i>American Mineralogist</i> <b>72</b> (1987), 629
Lemanskiite	$\text{NaCaCu}_5(\text{AsO}_4)_4\text{Cl} \cdot 5\text{H}_2\text{O}$	A	1999-037	Chile	<i>Canadian Mineralogist</i> <b>44</b> (2006), 523	

Lemleinite-Ba	$\text{Na}_4\text{K}_4\text{Ba}_{2+x}\text{Ti}_8(\text{Si}_4\text{O}_{12})_4(\text{OH},\text{O})_8 \cdot 8\text{H}_2\text{O}$	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	$\text{Na}_4\text{K}_8\text{Ti}_8(\text{Si}_4\text{O}_{12})_4(\text{OH},\text{O})_8 \cdot 8\text{H}_2\text{O}$	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	$\text{Na}_2\text{CaZr}_2\text{Si}_{10}\text{O}_{26} \cdot 5-6\text{H}_2\text{O}$	A	1968-013	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1969), 585	<i>Canadian Mineralogist</i> <b>14</b> (1976), 132
Lenaite	$\text{AgFeS}_2$	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	$\text{Ag}_4\text{Cu}_2\text{Pb}_{18}\text{As}_{12}\text{S}_{39}$	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	$\text{PbCu}_3(\text{VO}_4)_2\text{Cl}_2$	A	1988-014	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>310</b> (1990), 1434	<i>Canadian Mineralogist</i> <b>45</b> (2007), 445
Lennilenaite	$\text{K}_7(\text{Mg},\text{Mn}^{2+},\text{Fe}^{2+},\text{Zn})_{48}(\text{Si},\text{Al})_{72}(\text{O},\text{OH})_{216} \cdot 16\text{H}_2\text{O}$	A	1982-085	USA	<i>Canadian Mineralogist</i> <b>22</b> (1984), 259	
Lenoblite	$\text{V}^{4+}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$	A	1970-002	Gabon	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>93</b> (1970), 235	
Leogangite	$\text{Cu}_{10}(\text{AsO}_4)_4(\text{SO}_4)(\text{OH})_6 \cdot 8\text{H}_2\text{O}$	A	1998-032	Austria	<i>Mineralogy and Petrology</i> <b>81</b> (2004), 187	
Leonardsenite	$\text{MgAlF}_5 \cdot 2\text{H}_2\text{O}$	A	2011-059	Iceland	CNMNC Newsletter 11 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2887	
Leonite	$\text{K}_2\text{Mg}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	G	1896	Germany	<i>Zeitschrift der Deutschen Geologischen Gesellschaft</i> <b>48</b> (1896), 632	<i>American Mineralogist</i> <b>86</b> (2001), 1282
Lepersonnite-(Gd)	$\text{CaGd}_2(\text{UO}_2)_{24}(\text{CO}_3)_8\text{Si}_4\text{O}_{28} \cdot 60\text{H}_2\text{O}$	A	1981-036	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>20</b> (1982), 231	
Lepidocrocite	$\text{Fe}^{3+}\text{O}(\text{OH})$	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	$\text{Ba}_2\text{Zn}(\text{Ti},\text{Nb})_4(\text{Si}_4\text{O}_{12})_2(\text{O},\text{OH})_4 \cdot 7\text{H}_2\text{O}$	A	2003-003	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(1)</b> (2004), 49	
Lermontovite	$\text{U}^{4+}(\text{PO}_4)(\text{OH}) \cdot \text{H}_2\text{O}$	G	1956	Russia	Handbook for Determination of Uranium Minerals. Gosgeoltekhizdat, Moscow (1956), 199	<i>Mineralogicheskii Zhurnal</i> <b>5</b> (1983), 82
Lesukite	$\text{Al}_2(\text{OH})_5\text{Cl} \cdot 2\text{H}_2\text{O}$	A	1996-004	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(2)</b> (1997), 104	
Letovicite	$(\text{NH}_4)_3\text{H}(\text{SO}_4)_2$	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	$\text{K}(\text{AlSi}_2\text{O}_6)$	A	1997 s.p.	Italy	<i>Bergmannisches Journal</i> <b>2</b> (1791), 483	<i>American Mineralogist</i> <b>93</b> (2008), 1588
Leucophanite	$\text{NaCaBeSi}_2\text{O}_6\text{F}$	G	1840	Norway	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> (1840), 191	<i>Mineralogical Magazine</i> <b>71</b> (2007), 625
Leucophoenicite	$\text{Mn}^{2+}_7(\text{SiO}_4)_3(\text{OH})_2$	G	1899	USA	<i>American Journal of Science</i> <b>8</b> (1899), 339	<i>American Mineralogist</i> <b>55</b> (1970), 1146
Leucophosphite	$\text{KFe}^{3+}_2(\text{PO}_4)_2(\text{OH}) \cdot 2\text{H}_2\text{O}$	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	$\text{Na}_4\text{BaTi}_2\text{B}_2\text{Si}_{10}\text{O}_{30}$	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	$\text{Pb}_2[\text{B}_5\text{O}_9]\text{Cl}\cdot 0.5\text{H}_2\text{O}$	A	2007-047	Chile	<i>American Mineralogist</i> <b>97</b> (2012), 1206	
Leverettite	$\text{Cu}_3\text{CoCl}_2(\text{OH})_6$	A	2013-011	Chile	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Levinsonite-(Y)	$\text{YAl}(\text{SO}_4)_2(\text{C}_2\text{O}_4)\cdot 12\text{H}_2\text{O}$	A	1996-057	USA	<i>Geochimica et Cosmochimica Acta</i> <b>65</b> (2001), 1101	
Lévyclaudite	$\text{Pb}_8\text{Cu}_3\text{Sn}_7(\text{Bi}, \text{Sb})_3\text{S}_{28}$	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	$\text{Ca}_3(\text{Si}_{12}\text{Al}_6)\text{O}_{36}\cdot 18\text{H}_2\text{O}$	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	$\text{Na}_6(\text{Si}_{12}\text{Al}_6)\text{O}_{36}\cdot 18\text{H}_2\text{O}$	Rn	1997 s.p.	Japan	<i>Geological Survey of Japan Memoirs</i> <b>11</b> (1974), 283	<i>American Mineralogist</i> <b>90</b> (2005), 645
Leydetite	$\text{Fe}(\text{UO}_2)(\text{SO}_4)_2\cdot 11\text{H}_2\text{O}$	A	2012-065	France	<i>Mineralogical Magazine</i> <b>77</b> (2013), 429	
Liandratite	$\text{U}^{6+}\text{Nb}_2\text{O}_8$	A	1975-039	Madagascar	<i>American Mineralogist</i> <b>63</b> (1978), 941	
Liberite	$\text{Li}_2\text{Be}(\text{SiO}_4)$	A	1967 s.p.	China	<i>Acta Geologica Sinica</i> <b>44</b> (1964), 334	
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
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>55</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	$\text{Ba}_2(\text{Na}, \text{Fe}, \text{Ca})_3\text{MgTi}_2(\text{Si}_2\text{O}_7)_2\text{O}_2\text{F}_2$	A	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	NaAlSi <sub>3</sub> O <sub>8</sub>	A	2004-054	China	<i>Earth and Planetary Science Letters</i> <b>246</b> (2006), 317	<i>International Geology Review</i> <b>49</b> (2007), 854
Linnaeite	Co <sup>2+</sup> Co <sup>3+</sup> <sub>2</sub> S <sub>4</sub>	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	Na <sub>3</sub> LiTi <sub>2</sub> O <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ·2H <sub>2</sub> 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	FeSi <sub>2</sub>	A	2010-011	China	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 1047	
Liottite	Na <sub>16</sub> Ca <sub>8</sub> Si <sub>18</sub> Al <sub>18</sub> O <sub>72</sub> (SO <sub>4</sub> ) <sub>5</sub> Cl <sub>4</sub>	A	1975-036	Italy	<i>American Mineralogist</i> <b>62</b> (1977), 321	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1021
Lipscombite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	G	1962	Brazil	<i>American Mineralogist</i> <b>47</b> (1962), 353	<i>American Mineralogist</i> <b>74</b> (1989), 456
Liroconite	Cu <sub>2</sub> Al(AsO <sub>4</sub> )(OH) <sub>4</sub> ·4H <sub>2</sub> 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	Na <sub>2</sub> CaAl <sub>4</sub> (SiO <sub>4</sub> ) <sub>4</sub>	A	1985-017	Norway	<i>American Mineralogist</i> <b>71</b> (1986), 1372	<i>American Mineralogist</i> <b>71</b> (1986), 1378
Lishizhenite	ZnFe <sup>3+</sup> <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ·14H <sub>2</sub> 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	CuPtBiS <sub>3</sub>	A	2007-003	China	<i>Acta Geologica Sinica</i> <b>83</b> (2009), 238	
Lisitsynite	KBSi <sub>2</sub> O <sub>6</sub>	A	2000-008	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(6)</b> (2000), 35	Applied Mineralogy. Balkema, Rotterdam (2000), 245
Liskeardite	Al <sub>3</sub> (AsO <sub>4</sub> )(OH) <sub>6</sub> ·5H <sub>2</sub> O	Q	1878	United Kingdom	<i>Nature</i> <b>18</b> (1878), 426	
Litharge	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	LiMn <sup>2+</sup> <sub>2</sub> Ca <sub>2</sub> Si <sub>5</sub> O <sub>14</sub> (OH)	A	1988-035	USA	<i>American Mineralogist</i> <b>75</b> (1990), 409	<i>Acta Crystallographica</i> <b>E67</b> (2011), i73
Lithiophilite	LiMn <sup>2+</sup> (PO <sub>4</sub> )	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	(Al,Li)(Mn <sup>4+</sup> ,Mn <sup>3+</sup> ) <sub>2</sub> (OH) <sub>2</sub>	G	1870	Germany	<i>Journal für Praktische Chemie</i> <b>110</b> (1870), 203	<i>American Mineralogist</i> <b>79</b> (1994), 370
Lithiophosphate	Li <sub>3</sub> (PO <sub>4</sub> )	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	LiTa <sub>3</sub> O <sub>8</sub>	A	1982-022	Kazakhstan	<i>Mineralogiceskiy Zhurnal</i> <b>5(1)</b> (1983), 91	<i>Acta Crystallographica</i> <b>E68</b> (2012), i27
Lithiowodginite	LiTa <sub>3</sub> O <sub>8</sub>	A	1988-011	Kazakhstan	<i>Mineralogiceskiy Zhurnal</i> <b>12(1)</b> (1990), 94	<i>Canadian Mineralogist</i> <b>30</b> (1992), 597
Lithosite	K <sub>3</sub> Al <sub>2</sub> Si <sub>4</sub> O <sub>12</sub> (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	KNaCuSi <sub>4</sub> O <sub>10</sub>	G	1880	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	Ag <sub>2</sub> PbBi <sub>4</sub> Se <sub>8</sub>	A	2009-036	Czech Republic	<i>Canadian Mineralogist</i> <b>49</b> (2011), 639	
Litvinskite	Na <sub>3</sub> ZrSi <sub>6</sub> O <sub>13</sub> (OH) <sub>5</sub>	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	Pb <sub>20</sub> As <sub>24</sub> S <sub>56</sub>	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	Zn <sub>6</sub> (PO <sub>4</sub> ) <sub>4</sub> ·7H <sub>2</sub> O	A	2008-048	Australia	<i>American Mineralogist</i> <b>95</b> (2010), 397	
Livingstonite	HgSb <sub>4</sub> S <sub>6</sub> (S) <sub>2</sub>	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	Mg <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub>	G	1956	United Kingdom	<i>Mineralogical Magazine</i> <b>31</b> (1956), 107	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1045

Lokkaite-(Y)	CaY <sub>4</sub> (CO <sub>3</sub> ) <sub>7</sub> ·9H <sub>2</sub> O	A	1969-045	Finland	<i>Bulletin of the Geological Society of Finland</i> <b>43</b> (1971), 67	
Löllingite	FeAs <sub>2</sub>	G	1845	Austria	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 169
Lomonosovite	Na <sub>5</sub> Ti <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> )(PO <sub>4</sub> )O <sub>2</sub>	A	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	CsBe <sub>4</sub> Al <sub>4</sub> (B <sub>11</sub> Be)O <sub>28</sub>	A	1999-014	Madagascar	<i>Canadian Mineralogist</i> <b>39</b> (2001), 747	<i>Canadian Mineralogist</i> <b>48</b> (2010), 241
Lonecreekite	(NH <sub>4</sub> )Fe <sup>3+</sup> (SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> 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)	(Na,Ce,Sr)(Ce,Th)(Ti,Nb) <sub>2</sub> O <sub>6</sub>	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	Pb <sub>5</sub> Sb <sub>3</sub> AsS <sub>11</sub>	A	2012-083	Canada	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Lópezite	K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	Rn	2007 s.p.	Chile	<i>American Mineralogist</i> <b>22</b> (1937), 929	<i>Acta Crystallographica</i> <b>C56</b> (2000), 629
Lorándite	TlAsS <sub>2</sub>	Rn	2007 s.p.	Macedonia	<i>Mathematikai és Természet-tudományi Értesítő</i> <b>12</b> (1894), 473	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>168</b> (1995), 213
Loranskite-(Y)	(Y,Ce,Ca)(Zr,Ta) <sub>2</sub> O <sub>6</sub> (?)	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	Na <sub>2</sub> Ti <sub>2</sub> O <sub>3</sub> (Si <sub>2</sub> O <sub>6</sub> )	G	1901	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>24</b> (1901), 9	<i>American Mineralogist</i> <b>72</b> (1987), 173
Loseyite	Mn <sup>2+</sup> <sub>4</sub> Zn <sub>3</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>10</sub>	G	1929	USA	<i>American Mineralogist</i> <b>14</b> (1929), 350	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1323
Lotharmeyerite	CaZn <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	Rd	1982-060	Mexico	<i>Mineralogical Record</i> <b>14</b> (1983), 35	<i>Acta Crystallographica</i> <b>E68</b> (2012), i9
Loudounite	NaCa <sub>5</sub> Zr <sub>4</sub> Si <sub>16</sub> O <sub>40</sub> (OH) <sub>11</sub> ·8H <sub>2</sub> O	A	1982-013	USA	<i>Canadian Mineralogist</i> <b>21</b> (1983), 37	
Loughlinite	Na <sub>2</sub> Mg <sub>3</sub> Si <sub>6</sub> O <sub>16</sub> ·8H <sub>2</sub> 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	(K,Ba) <sub>2</sub> Ti <sub>4</sub> (Si,Al) <sub>6</sub> O <sub>14</sub> (OH) <sub>12</sub>	A	1987-005	USA	<i>Mineralogical Magazine</i> <b>51</b> (1987), 417	
Lovdarite	K <sub>2</sub> Na <sub>6</sub> Be <sub>4</sub> Si <sub>14</sub> O <sub>36</sub> ·9H <sub>2</sub> 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
Lovingite	(Ca,Ce,La)(Zr,Fe)(Mg,Fe) <sub>2</sub> (Ti,Fe,Cr,Al) <sub>18</sub> O <sub>38</sub>	A	1977-023	Australia	<i>American Mineralogist</i> <b>63</b> (1978), 28	<i>Canadian Mineralogist</i> <b>17</b> (1979), 635
Lovozerite	Na <sub>3</sub> CaZrSi <sub>6</sub> O <sub>15</sub> (OH) <sub>3</sub>	G	1939	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>25</b> (1939), 753	<i>Crystallography Reports</i> <b>46</b> (2001), 937
Löweite	Na <sub>12</sub> Mg <sub>7</sub> (SO <sub>4</sub> ) <sub>13</sub> ·15H <sub>2</sub> O	G	1847	Austria	<i>Abhandlungen der Böhmischen Gesellschaft der Wissenschaften</i> <b>4</b> (1847), 663	<i>American Mineralogist</i> <b>55</b> (1970), 378
Luanheite	Ag <sub>3</sub> Hg	A	1983-083	China	<i>Acta Mineralogica Sinica</i> <b>4</b> (1984), 97	
Luanshiweiite	KLiAl <sub>1.5</sub> (Si <sub>3.5</sub> Al <sub>0.5</sub> )O <sub>10</sub> (OH) <sub>2</sub>	A	2011-102	China	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Luberoite	Pt <sub>5</sub> Se <sub>4</sub>	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	(K,NH <sub>4</sub> )As <sub>4</sub> O <sub>6</sub> (Cl,Br)	A	2011-010	Italy	<i>American Mineralogist</i> <b>98</b> (2013), 470	
Lucasite-(Ce)	CeTi <sub>2</sub> O <sub>5</sub> (OH)	A	1986-020	Australia	<i>American Mineralogist</i> <b>72</b> (1987), 1006	
Luddenite	Cu <sub>2</sub> Pb <sub>2</sub> Si <sub>5</sub> O <sub>14</sub> ·14H <sub>2</sub> 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	$\text{Mg}_2\text{Fe}^{3+}\text{O}_2(\text{BO}_3)$	G	1874	Romania	<i>Mineralogische Mittheilungen</i> (1874), 59	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1343
Lueshite	$\text{NaNbO}_3$	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	$\text{Cu}_2\text{Al}_2(\text{AsO}_4)_2(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	1976-011	USA	<i>Mineralogical Magazine</i> <b>41</b> (1977), 27	<i>Mineralogical Magazine</i> <b>64</b> (2000), 25
Luinaite-(OH)	$(\text{Na}, \square)(\text{Fe}^{2+}, \text{Mg})_3\text{Al}_6(\text{BO}_3)_3\text{Si}_6\text{O}_{18}(\text{OH})_4$	A	2009-046	Australia	nyp	
Lukechangite-(Ce)	$\text{Na}_3\text{Ce}_2(\text{CO}_3)_4\text{F}$	A	1996-033	Canada	<i>American Mineralogist</i> <b>82</b> (1997), 1255	
Lukrahnite	$\text{CaCuFe}^{3+}(\text{AsO}_4)_2(\text{OH}, \text{H}_2\text{O})_2$	A	1999-030	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 481	
Lulzacite	$\text{Sr}_2\text{Fe}^{2+}_3\text{Al}_4(\text{PO}_4)_4(\text{OH})_{10}$	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	$\text{Mg}_3[\text{B}_2(\text{OH})_6(\text{PO}_4)_2] \cdot 6\text{H}_2\text{O}$	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	$\text{Li}_{0.7}\text{Al}_{6.2}(\text{Si}_7\text{Al})_{20}(\text{OH}, \text{O})_{10}$	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	$\text{MgMn}^{2+}\text{Al}(\text{PO}_4)_2(\text{OH}) \cdot 4\text{H}_2\text{O}$	A	1982-058	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 232	
Luobusaite	$\text{Fe}_{0.84}\text{Si}_2$	A	2005-052a	China	<i>Acta Geologica Sinica</i> <b>80</b> (2007), 1487	
Lusernaite-(Y)	$\text{Y}_4\text{Al}(\text{CO}_3)_2(\text{OH}, \text{F})_{11} \cdot 6\text{H}_2\text{O}$	A	2011-108	Italy	<i>American Mineralogist</i> <b>98</b> (2013), 1315	
Luzonite	$\text{Cu}_3\text{AsS}_4$	G	1874	Philippines	<i>Mineralogische Mittheilungen</i> (1874), 257	<i>Zeitschrift für Kristallographie</i> <b>124</b> (1967), 1
Lyonsite	$\text{Cu}^{2+}_3\text{Fe}^{3+}_4(\text{VO}_4)_6$	A	1986-041	El Salvador	<i>American Mineralogist</i> <b>72</b> (1987), 1000	
Macaulayite	$\text{Fe}^{3+}_{24}\text{Si}_4\text{O}_{43}(\text{OH})_2$	A	1981-062	United Kingdom	<i>Mineralogical Magazine</i> <b>48</b> (1984), 127	
Macdonaldite	$\text{BaCa}_4\text{Si}_{16}\text{O}_{36}(\text{OH})_2 \cdot 10\text{H}_2\text{O}$	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	$\text{PbTiO}_3$	A	1970-010	Macedonia	<i>American Mineralogist</i> <b>56</b> (1971), 378	<i>Acta Crystallographica</i> <b>B34</b> (1978), 1065
Macfallite	$\text{Ca}_2\text{Mn}^{3+}_3(\text{SiO}_4)(\text{Si}_2\text{O}_7)(\text{OH})_3$	A	1974-057	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 325	<i>American Mineralogist</i> <b>93</b> (2008), 1851
Machatschkiite	$\text{Ca}_6(\text{AsO}_4)(\text{AsO}_3\text{OH})_3(\text{PO}_4) \cdot 15\text{H}_2\text{O}$	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
Mackayite	$\text{Fe}^{3+}\text{Te}^{4+}_2\text{O}_5(\text{OH})$	G	1944	USA	<i>American Mineralogist</i> <b>29</b> (1944), 211	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 145
Mackinawite	$(\text{Fe}, \text{Ni})_{1+x}\text{S}$ ( $x = 0-0.07$ )	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	$\text{Pb}_4(\text{SO}_4)(\text{CO}_3)_2(\text{OH})_2$	A	1982-105	United Kingdom	<i>Mineralogical Magazine</i> <b>48</b> (1984), 227	<i>Mineralogical Magazine</i> <b>62</b> (1998), 451
Macquartite	$\text{Cu}_2\text{Pb}_7(\text{CrO}_4)_4(\text{SiO}_4)_2(\text{OH})_2$	A	1979-037	USA	<i>Bulletin de Minéralogie</i> <b>103</b> (1980), 530	
Madocite	$\text{Pb}_{19}(\text{Sb}, \text{As})_{16}\text{S}_{43}$	A	1966-015	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 7	<i>Mineralogical Record</i> <b>13</b> (1982), 93
Magadiite	$\text{Na}_2\text{Si}_{14}\text{O}_{29} \cdot 11\text{H}_2\text{O}$	A	1967-017	Kenya	<i>Science</i> <b>157</b> (1967), 1177	<i>Clays and Clay Minerals</i> <b>36</b> (1988), 409

Magbasite	$\text{KBaMg}_6\text{AlSi}_6\text{O}_{20}\text{F}_2$	A	1968 s.p.	China	<i>Doklady Akademii Nauk SSSR</i> <b>163</b> (1965), 718	
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	
Magnesio-arfvedsonite	$\text{NaNa}_2(\text{Mg}_4\text{Fe}^{3+})\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<i>Physics and Chemistry of Minerals</i> <b>13</b> (1986), 291	
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	
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
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	
Magnesiofoitite	$\square(\text{Mg}_2\text{Al})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	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
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.	Sweden	<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
Magnesio-hornblende	$\square\text{Ca}_2(\text{Mg}_4\text{Al})(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	unknown	original paper?	
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
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	$(\text{Mg,Al,Zn})_3(\text{Al,Sn,Fe})_6\text{O}_{15}(\text{OH})$	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)	$\text{Y}_4(\text{Mg,Fe})(\text{Si}_2\text{O}_7)_2\text{F}_2$	A	2012-010	Japan	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Magnesiostaurolite	$\text{Mg}(\text{Mg,Li})_3(\text{Al,Mg})_{18}\text{Si}_8\text{O}_{44}(\text{OH})_4$	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
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	Mineralogische Tabellen, 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	?	Handbuch der Bestimmenden Mineralogie. 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>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 553	
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	$\text{Mn}^{2+}_{10}\text{As}^{3+}_6\text{O}_{18}(\text{OH,Cl})_2$	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	$(\text{Na,Ca,K})\text{Cu}_3(\text{AsO}_4)_2\text{Cl}\cdot 5\text{H}_2\text{O}$	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	$\text{PdNiAs}$	A	1974-038	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 698	
Majindeite	$\text{Mg}_2\text{Mo}_3\text{O}_8$	A	2012-079	Mexico (meteorite)	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Majorite	$\text{Mg}_3(\text{MgSi})(\text{SiO}_4)_3$	A	1969-018	Australia	<i>Science</i> <b>168</b> (1970), 832	<i>American Mineralogist</i> <b>79</b> (1994), 581
Makarochkinite	$\text{Ca}_4[\text{Fe}^{2+}_8\text{Fe}^{3+}_2\text{Ti}_2]\text{O}_4[\text{Si}_6\text{Be}_2\text{Al}_2\text{O}_{36}]$	A	2002-009a	Russia	<i>American Mineralogist</i> <b>90</b> (2005), 1402	<i>Kristallografiya</i> <b>35</b> (1990), 1388
Makatite	$\text{Na}_2\text{Si}_4\text{O}_8(\text{OH})_2\cdot 4\text{H}_2\text{O}$	A	1969-003	Kenya	<i>American Mineralogist</i> <b>55</b> (1970), 358	<i>Zeitschrift für Kristallographie</i> <b>159</b> (1982), 203
Mäkinenite	$\text{NiSe}$	A	1967 s.p.	Finland	<i>Comptes Rendus de la Société Géologique de Finlande</i> <b>36</b> (1964), 113	
Makovickyite	$\text{Cu}_{1.12}\text{Ag}_{0.81}\text{Pb}_{0.27}\text{Bi}_{5.35}\text{S}_9$	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	$\text{Cu}_2(\text{CO}_3)(\text{OH})_2$	G	?	unknown	Mineralogia, eller Mineralriket. Lars Salvius, Stockholm (1747), 279	<i>Zeitschrift für Kristallographie</i> <b>145</b> (1977), 412
Malanite	$\text{CuPt}_2\text{S}_4$	A	1995-003	China	<i>Acta Geologica Sinica</i> <b>70</b> (1996), 309	
Malayaite	$\text{CaSnO}(\text{SiO}_4)$	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	
Malmhoodite	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
Mallestigit	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	
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>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>34</b> (1985), 279
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
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 <sup>2+</sup> (Ti,Nb) <sub>5</sub> O <sub>12</sub> ·9H <sub>2</sub> O	Q	1957	Russia	<i>Akademiya Nauk SSSR, Trudy Institut Mineralogii, Geokhimii i Kristalokhimii Redkikh Elementov</i> <b>1</b> (1957), 41	
Manganberzeliite	(NaCa <sub>2</sub> )Mn <sup>2+</sup> <sub>2</sub> (AsO <sub>4</sub> ) <sub>3</sub>	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 <sup>2+</sup> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·8H <sub>2</sub> O	A	1989-023	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 169	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 265
Manganhumite	Mn <sup>2+</sup> <sub>7</sub> (SiO <sub>4</sub> ) <sub>3</sub> (OH) <sub>2</sub>	A	1969-021	Sweden	<i>Mineralogical Magazine</i> <b>42</b> (1978), 133	<i>American Mineralogist</i> <b>63</b> (1978), 874
Manganiandrosite-(Ce)	MnCe(Mn <sup>3+</sup> AlMn <sup>2+</sup> )[Si <sub>2</sub> O <sub>7</sub> ][SiO <sub>4</sub> ]O(OH)	A	2002-049	Italy	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 569	
Manganiandrosite-(La)	MnLa(Mn <sup>3+</sup> AlMn <sup>2+</sup> )[Si <sub>2</sub> O <sub>7</sub> ][SiO <sub>4</sub> ]O(OH)	Rn	1994-048	Greece	<i>American Mineralogist</i> <b>81</b> (1996), 735	
Mangani-dellaventuraite	NaNa <sub>2</sub> (MgMn <sup>3+</sup> <sub>2</sub> Ti <sup>4+</sup> Li)Si <sub>8</sub> O <sub>22</sub> O <sub>2</sub>	Rd	2012 s.p.	India	<i>American Mineralogist</i> <b>90</b> (2005), 304	
Manganilvaite	CaFe <sup>2+</sup> Fe <sup>3+</sup> Mn <sup>2+</sup> (Si <sub>2</sub> O <sub>7</sub> )O(OH)	A	2002-016	Bulgaria	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1027	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1043
Manganipiemontite-(Sr)	CaSr(Mn <sup>3+</sup> <sub>2</sub> Al)[Si <sub>2</sub> O <sub>7</sub> ][SiO <sub>4</sub> ]O(OH)	Rn	2001-014	South Africa	<i>Mineralogical Magazine</i> <b>66</b> (2002), 137	
Manganite	Mn <sup>3+</sup> 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
Manganlotharmeyerite	CaMn <sup>3+</sup> <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	A	2001-026	Switzerland	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1597	
Manganoblödite	Na <sub>2</sub> Mn(SO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	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
Manganohörnesite	$Mn^{2+}_3(AsO_4)_2 \cdot 8H_2O$	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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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)	$Na_3SrCeMn^{2+}Si_6O_{17}$	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
Manganogadualite	$AgMnAsS_3$	A	2011-008	Peru	<i>American Mineralogist</i> <b>97</b> (2012), 1199	
Manganosegelerite	$Mn^{2+}_2Fe^{3+}(PO_4)_2(OH) \cdot 4H_2O$	A	1984-055	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(2)</b> (1992), 95	
Manganosite	$MnO$	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	$Mn^{2+}_7Sb^{5+}As^{5+}O_{12}$	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	$Na_6Mn^{2+}_2(CO_3)_4(SO_4)$	A	1989-039	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>119(5)</b> (1990), 46	
Manganvesuvianite	$Ca_{19}Mn^{3+}Al_{10}Mg_2(SiO_4)_{10}(Si_2O_7)_4O(OH)_9$	A	2000-040	South Africa	<i>Mineralogical Magazine</i> <b>66</b> (2002), 137	
Mangazeite	$Al_2(SO_4)(OH)_4 \cdot 3H_2O$	A	2005-021a	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(4)</b> (2006), 20	
Manitobaite	$Na_{16}Mn^{2+}_{25}Al_6(PO_4)_{30}$	A	2008-064	Canada	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1455	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1221
Manjiroite	$Na(Mn^{4+}_7Mn^{3+})O_{16}$	A	1966-009	Japan	<i>Journal of the Japanese Association of Mineralogists, Petrologists, and Economic Geologists</i> <b>58</b> (1967), 39	
Mannardite	$Ba(Ti_6V^{3+}_2)O_{16}$	A	1983-013	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 55	<i>Canadian Mineralogist</i> <b>24</b> (1986), 67
Mansfieldite	$Al(AsO_4) \cdot 2H_2O$	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	
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	$(\text{Sr}, \text{Pb})(\text{U}, \text{Y})\text{Fe}_2(\text{Ti}, \text{Fe}^{3+}, \text{Cr}^{3+})_{18}\text{O}_{38}$	A	2013-010	Italy	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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
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	
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>Zeitschrift für Kristallographie</i> <b>128</b> (1969), 213
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	$\text{Na}_2\text{Ca}_4(\text{Nb}, \text{Zr})_2(\text{Si}_2\text{O}_7)_2(\text{O}, \text{F})_4$	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	$\text{Ca}_2\text{Pb}_7(\text{Si}_{36}\text{Al}_{12})\text{O}_{99} \cdot n(\text{H}_2\text{O}, \text{OH})$	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	CNMNC Newsletter 11 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2887	
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
Markhininite	$\text{TlBi}(\text{SO}_4)_2$	A	2012-040	Russia	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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
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	
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
Martinite	$(\text{Na}, \square, \text{Ca})_{12}\text{Ca}_4(\text{Si}, \text{S}, \text{B})_{14}\text{B}_2\text{O}_{38}(\text{OH}, \text{Cl})_2\text{F}_2 \cdot 4\text{H}_2\text{O}$	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	

Marumoitte	$Pb_{32}As_{40}S_{92}$	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
Mascagnite	$(NH_4)_2(SO_4)$	G	1800	Italy	Mineralogische Tabellen. Rottmann, Berlin (1800), 79 p.	<i>Physica Status Solidi</i> <b>A99</b> (1987), 131
Maslovite	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	$KLiAlMn^{2+}(Si_3Al)O_{10}(F,OH)_2$	A	1974-046	Japan	<i>Mineralogical Journal</i> <b>8</b> (1976), 95	<i>Mineralogical Journal</i> <b>13</b> (1986), 13
Masuyite	$Pb(UO_2)_3O_3(OH)_2 \cdot 3H_2O$	G	1947	Democratic Republic of the Congo	<i>Bulletin de la Société Belge de Géologie</i> <b>70</b> (1947), B212	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1483
Mathewrogersite	$Pb_7FeAl_3GeSi_{12}O_{36}(OH, H_2O)_6$	A	1984-042	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 203	
Mathiasite	$(K, Ba, Sr)(Zr, Fe)(Mg, Fe)_2(Ti, Cr, Fe)_{18}O_{38}$	A	1982-087	South Africa	<i>American Mineralogist</i> <b>68</b> (1983), 494	<i>Acta Crystallographica</i> <b>C39</b> (1983), 421
Matildite	$AgBiS_2$	A	1982 s.p.	Peru	I metalli. Nistri, Pisa (1883), 136	<i>Acta Crystallographica</i> <b>12</b> (1959), 46
Matioliite	$NaMgAl_5(PO_4)_4(OH)_6 \cdot 2H_2O$	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	$Sr_4Ti_5O_8(Si_2O_7)_2$	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	$NaH(SO_4) \cdot H_2O$	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
Mattheddleite	$Pb_5(SiO_4)_{1.5}(SO_4)_{1.5}Cl$	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	$Fe^{3+}Al_7(PO_4)_4(PO_3OH)_2(OH)_8(H_2O)_8 \cdot 8H_2O$	Rd	1977-013	USA	<i>Aufschluss</i> <b>31</b> (1980), 55	<i>Mineralogical Magazine</i> <b>76</b> (2012), 517
Maucherite	$Ni_{11}As_8$	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	$Mn_5Si_3$	A	2008-026	Uzbekistan	<i>Mineralogical Magazine</i> <b>73</b> (2009), 43	
Mawbyite	$PbFe^{3+}_2(AsO_4)_2(OH)_2$	A	1988-049	Australia	<i>American Mineralogist</i> <b>74</b> (1989), 1377	<i>Mineralogical Magazine</i> <b>61</b> (1997), 685
Mawsonite	$Cu_6Fe_2SnS_8$	A	1964-030	Australia	<i>American Mineralogist</i> <b>50</b> (1965), 900	<i>Canadian Mineralogist</i> <b>14</b> (1976), 529
Maxwellite	$NaFe^{3+}(AsO_4)F$	A	1987-044	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 363	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1995), 97
Mayenite	$Ca_{12}Al_{14}O_{33}$	A	1963-016	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1964), 22	<i>Acta Crystallographica</i> <b>B67</b> (2011), 193
Mayingite	IrBiTe	A	1993-016	China	<i>Acta Mineralogica Sinica</i> <b>15</b> (1995), 5	
Mazzettiite	$Ag_3HgPbSbTe_5$	A	2004-003	USA	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1739	
Mazzite-Mg	$Mg_5(Si_{26}Al_{10})O_{72} \cdot 30H_2O$	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	$Na_8(Si_{28}Al_8)O_{72} \cdot 30H_2O$	A	2003-058	USA	<i>American Mineralogist</i> <b>90</b> (2005), 1186	
Mbobomkulite	$(Ni, Cu)Al_4(NO_3, SO_4)_2(OH)_{12} \cdot 3H_2O$	A	1979-078	South Africa	<i>Annals of the Geological Survey of South Africa</i> <b>14</b> (1980), 1	
Mcallisterite	$Mg_2[B_6O_7(OH)_6]_2 \cdot 9H_2O$	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	$Cu_3Te^{6+}O_6 \cdot H_2O$	A	1992-025	USA	<i>Mineralogical Magazine</i> <b>58</b> (1994), 417	
Mcauslanite	$Fe^{2+}_3Al_2(PO_4)_3(PO_3OH)F \cdot 18H_2O$	A	1986-051	Canada	<i>Canadian Mineralogist</i> <b>26</b> (1988), 917	

Mcbirneyite	$\text{Cu}_3(\text{VO}_4)_2$	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
Mconnellite	$\text{Cu}^{1+}\text{CrO}_2$	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	$\text{NaCs}(\text{Be},\text{Li})\text{Zr}_2(\text{PO}_4)_4 \cdot 1-2\text{H}_2\text{O}$	A	1991-023	USA	<i>Canadian Mineralogist</i> <b>32</b> (1994), 839	
Mcgillite	$\text{Mn}^{2+}_8\text{Si}_6\text{O}_{15}(\text{OH})_8\text{Cl}_2$	A	1979-024	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 31	<i>Canadian Mineralogist</i> <b>22</b> (1984), 265
Mcgovernite	$\text{Mn}_{19}\text{Zn}_3(\text{AsO}_3)(\text{AsO}_4)_3(\text{SiO}_4)_3(\text{OH})_{21}$	G	1927	USA	<i>American Mineralogist</i> <b>12</b> (1927), 373	<i>American Mineralogist</i> <b>65</b> (1980), 957
Mcguinnessite	$(\text{Mg},\text{Cu})_2(\text{CO}_3)(\text{OH})_2$	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)	$\text{NaBa}_3(\text{Ca},\text{U})\text{Y}(\text{CO}_3)_6 \cdot 3\text{H}_2\text{O}$	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	$(\text{Ag},\text{Cu})_2\text{S}$	A	1966-012	Canada	<i>Economic Geology</i> <b>61</b> (1966), 1383	<i>Mineralogical Magazine</i> <b>74</b> (2010), 73
Mcnearite	$\text{NaCa}_5(\text{AsO}_4)(\text{AsO}_3\text{OH})_4 \cdot 4\text{H}_2\text{O}$	A	1980-017	France	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>61</b> (1981), 1	
Medaite	$\text{Mn}^{2+}_6\text{V}^{5+}\text{Si}_5\text{O}_{18}(\text{OH})$	A	1979-062	Italy	<i>American Mineralogist</i> <b>67</b> (1982), 85	<i>Acta Crystallographica</i> <b>B37</b> (1981), 1972
Medenbachite	$\text{Bi}_2\text{Fe}^{3+}\text{Cu}^{2+}(\text{AsO}_4)_2\text{O}(\text{OH})_3$	A	1993-048	Germany	<i>American Mineralogist</i> <b>81</b> (1996), 505	
Megacyclite	$\text{KNa}_8\text{Si}_9\text{O}_{18}(\text{OH})_9 \cdot 19\text{H}_2\text{O}$	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	$\text{KAISiO}_4$	A	2001-008	Russia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 961	
Megawite	$\text{CaSnO}_3$	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
Meionite	$\text{Ca}_4\text{Al}_6\text{Si}_6\text{O}_{24}(\text{CO}_3)$	G	1801	Italy	Traité de Minéralogie, Vol. 2. Chez Louis, Partis (1801), 586	<i>Canadian Mineralogist</i> <b>46</b> (2008), 1527
Meixnerite	$\text{Mg}_6\text{Al}_2(\text{OH})_{16}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	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	$\text{NaMg}_2(\text{PO}_3\text{OH})(\text{PO}_4)(\text{OH}) \cdot \text{H}_5\text{O}_2$	A	2010-068	Chile	<i>American Mineralogist</i> <b>97</b> (2012), 19	
Melanocerite-(Ce)	$\text{Ce}_5(\text{SiO}_4,\text{BO}_4)_3(\text{OH},\text{O})$	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	$\text{C}_2\text{H}_{17}\text{O}_5 \cdot \text{Si}_{46}\text{O}_{92}$	Rd	1962 s.p.	Italy	<i>Neues Jahrbuch für Mineralogie</i> (1876), 250	<i>American Mineralogist</i> <b>93</b> (2008), 88
Melanostibite	$\text{Mn}^{2+}(\text{Sb}^{5+},\text{Fe}^{3+})\text{O}_3$	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	$\text{Pb}_2\text{Fe}^{3+}_2\text{O}_2(\text{Si}_2\text{O}_7)$	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	$\text{Cu}_2\text{OCl}_2$	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
Melanovanadite	$\text{Ca}(\text{V}^{5+},\text{V}^{4+})_4\text{O}_{10} \cdot 5\text{H}_2\text{O}$	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	$\text{Fe}(\text{SO}_4) \cdot 7\text{H}_2\text{O}$	G	1850	unknown	Handbuch der Bestimmenden Mineralogie, 2nd ed. Braumüller and Seidel, Wien (1850), 489	<i>Canadian Mineralogist</i> <b>41</b> (2003), 937
Meliphanite	$\text{Ca}_4(\text{Na},\text{Ca})_4\text{Be}_4\text{AlSi}_7\text{O}_{24}(\text{F},\text{O})_4$	G	1852	Norway	<i>Journal für Praktische Chemie</i> <b>55</b> (1852), 449	<i>Canadian Mineralogist</i> <b>40</b> (2002), 971

Melkovite	$\text{CaFe}^{3+}_2\text{Mo}_5\text{O}_{10}(\text{PO}_4)_2(\text{OH})_{12}\cdot 8\text{H}_2\text{O}$	A	1968-033	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>98</b> (1969), 207	
Melliniite	$(\text{Ni,Fe})_4\text{P}$	A	2005-027	Morocco	<i>American Mineralogist</i> <b>91</b> (2006), 451	
Mellite	$\text{Al}_2\text{C}_6(\text{COO})_6\cdot 16\text{H}_2\text{O}$	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
Melonite	$\text{NiTe}_2$	G	1868	USA	<i>American Journal of Science</i> <b>45</b> (1868), 313	<i>American Mineralogist</i> <b>31</b> (1946), 204
Mélonjosephite	$\text{CaFe}^{2+}\text{Fe}^{3+}(\text{PO}_4)_2(\text{OH})$	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	$\text{Pb}_5\text{Mn}_3\text{Ag}_2\text{Sb}_6\text{As}_4\text{S}_{24}$	A	2011-009	Peru	<i>American Mineralogist</i> <b>97</b> (2012), 440	
Mendeleevite-(Ce)	$\text{Cs}_6(\text{REE}_{22}\text{Ca}_6)(\text{Si}_{70}\text{O}_{175})(\text{OH,F})_{14}(\text{H}_2\text{O})_{21}$	A	2009-092	Tajikistan	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2583	
Mendipite	$\text{Pb}_3\text{O}_2\text{Cl}_2$	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	$[\text{K}_2(\text{H}_2\text{O})_{15}\text{Ca}(\text{H}_2\text{O})_6][\text{Mo}_8\text{P}_2\text{Fe}^{3+}_3\text{O}_{34}(\text{OH})_3]$	A	2011-088	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
Mendozavilite-NaCu	$[\text{Na}_2(\text{H}_2\text{O})_{15}\text{Cu}(\text{H}_2\text{O})_6][\text{Mo}_8\text{P}_2\text{Fe}^{3+}_3\text{O}_{34}(\text{OH})_3]$	A	2011-039	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
Mendozavilite-NaFe	$[\text{Na}_2(\text{H}_2\text{O})_{15}\text{Fe}^{3+}(\text{H}_2\text{O})_6][\text{Mo}_8\text{P}_2\text{Fe}^{3+}_3\text{O}_{35}(\text{OH})_2]$	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	$\text{NaAl}(\text{SO}_4)_2\cdot 11\text{H}_2\text{O}$	G	1868	Argentina	A System of Mineralogy, 5th ed. Wiley, New York (1868), 653	<i>American Mineralogist</i> <b>57</b> (1972), 1081
Meneghinite	$\text{Pb}_{13}\text{CuSb}_7\text{S}_{24}$	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	$\text{Ba}_3\text{MgZr}_4\text{Nb}_{12}\text{O}_{42}\cdot 12\text{H}_2\text{O}$	A	2005-023	Brazil	<i>American Mineralogist</i> <b>93</b> (2008), 81	
Meniaylovite	$\text{Ca}_4\text{AlSi}(\text{SiO}_4)\text{F}_{13}\cdot 12\text{H}_2\text{O}$	A	2002-050	Russia	<i>Vulkanologiya i Seismologiya</i> <b>2</b> (2004), 3	<i>American Mineralogist</i> <b>66</b> (1981), 392
Menshikovite	$\text{Pd}_3\text{Ni}_2\text{As}_3$	A	1993-057	Russia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 679	
Menzerite-(Y)	$(\text{CaY}_2)\text{Mg}_2(\text{Si}_3\text{O}_{12})$	A	2009-050	Canada	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1157	
Mercallite	$\text{KH}(\text{SO}_4)$	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	$\text{Pb}_{47}\text{O}_{24}(\text{OH})_{13}\text{Cl}_{25}(\text{BO}_3)_2(\text{CO}_3)$	A	1996-045	United Kingdom	<i>Mineralogical Magazine</i> <b>62</b> (1998), 687	<i>Mineralogical Magazine</i> <b>73</b> (2009), 103
Mereiterite	$\text{K}_2\text{Fe}^{2+}(\text{SO}_4)_2\cdot 4\text{H}_2\text{O}$	A	1993-045	Greece	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 559	
Merenskyite	$\text{PdTe}_2$	A	1965-016	South Africa	<i>Mineralogical Magazine</i> <b>35</b> (1966), 815	
Meridianiite	$\text{Mg}(\text{SO}_4)\cdot 11\text{H}_2\text{O}$	A	2007-011	Canada	<i>American Mineralogist</i> <b>92</b> (2007), 1756	
Merlinoite	$\text{K}_5\text{Ca}_2(\text{Si}_{23}\text{Al}_9)\text{O}_{64}\cdot 24\text{H}_2\text{O}$	A	1976-046	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1977), 355	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1979), 1
Merrhueite	$(\text{K,Na})_2(\text{Fe}^{2+},\text{Mg})_5\text{Si}_{12}\text{O}_{30}$	A	1965-020	Romania	<i>Science</i> <b>149</b> (1965), 972	<i>Acta Crystallographica</i> <b>28</b> (1972), 267
Merrillite	$\text{Ca}_9\text{NaMg}(\text{PO}_4)_7$	Rd	1976 s.p.	Italy / India / Poland / USA	<i>American Mineralogist</i> <b>2</b> (1917), 119	<i>American Mineralogist</i> <b>91</b> (2006), 1547
Mertieite-I	$\text{Pd}_{5+x}(\text{Sb,As})_{2-x}$ ( $x = 0.1-0.2$ )	Rd	1971-016	USA	<i>American Mineralogist</i> <b>58</b> (1973), 1	<i>Canadian Mineralogist</i> <b>13</b> (1975), 321
Mertieite-II	$\text{Pd}_8(\text{Sb,As})_3$	G	?	USA	<i>American Mineralogist</i> <b>58</b> (1973), 1	<i>Canadian Mineralogist</i> <b>13</b> (1975), 321
Merwinite	$\text{Ca}_3\text{Mg}(\text{SiO}_4)_2$	G	1921	USA	<i>American Mineralogist</i> <b>6</b> (1921), 143	<i>American Mineralogist</i> <b>57</b> (1972), 1355

Mesolite	$\text{Na}_2\text{Ca}_2(\text{Si}_9\text{Al}_6)\text{O}_{30}\cdot 8\text{H}_2\text{O}$	A	1997 s.p.	Iceland ?	<i>Journal für Chemie und Physik</i> <b>8</b> (1813), 353	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 571
Messelite	$\text{Ca}_2\text{Fe}^{2+}(\text{PO}_4)_2\cdot 2\text{H}_2\text{O}$	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	$\text{Al}_2(\text{SO}_4)(\text{OH})_4\cdot 5\text{H}_2\text{O}$	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	$\text{Al}_2(\text{SO}_4)_3\cdot 14\text{H}_2\text{O}$	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	$\text{K}(\text{UO}_2)(\text{PO}_4)\cdot 3\text{H}_2\text{O}$	A	1963-013	Uganda	<i>Bulletin of the Geological Survey of Great Britain</i> <b>25</b> (1966), 49	
Meta-autunite	$\text{Ca}(\text{UO}_2)_2(\text{PO}_4)_2\cdot 6\text{H}_2\text{O}$	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	$\text{HBO}_2$	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	$(\text{Ca},\text{Na},\text{Ba})\text{U}_2\text{O}_7\cdot 2\text{H}_2\text{O}$	A	1971-054	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 75	
Metacinnabar	$\text{HgS}$	G	1870	USA	<i>Journal für Praktische Chemie</i> <b>110</b> (1870), 319	
Metadelrioite	$\text{SrCa}(\text{VO}_3)_2(\text{OH})_2$	A	1967-006	USA	<i>American Mineralogist</i> <b>55</b> (1970), 185	
Metahaiweeite	$\text{Ca}(\text{UO}_2)_2\text{Si}_6\text{O}_{15}\cdot n\text{H}_2\text{O}$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 839	
Metaheinrichite	$\text{Ba}(\text{UO}_2)_2(\text{AsO}_4)_2\cdot 8\text{H}_2\text{O}$	G	1958	USA	<i>American Mineralogist</i> <b>43</b> (1958), 1134	
Metahewettite	$\text{CaV}^{5+}_6\text{O}_{16}\cdot 3\text{H}_2\text{O}$	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	$\text{Fe}^{3+}_2\text{O}(\text{SO}_4)_2\cdot 4\text{H}_2\text{O}$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 669	<i>American Mineralogist</i> <b>89</b> (2004), 265
Metakahlerite	$\text{Fe}^{2+}(\text{UO}_2)_2(\text{AsO}_4)_2\cdot 8\text{H}_2\text{O}$	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
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>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>9</b> (1964), 111	
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	$(\text{UO}_2)_8\text{O}_2(\text{OH})_{12}\cdot 10\text{H}_2\text{O}$	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
Metasideronatrite	$\text{Na}_2\text{Fe}^{3+}(\text{SO}_4)_2(\text{OH})\cdot \text{H}_2\text{O}$	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
Metatorbernite	$\text{Cu}(\text{UO}_2)_2(\text{PO}_4)_2\cdot 8\text{H}_2\text{O}$	G	1916	Germany	<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	Nekrasova (1957) ??	<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, Trida 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	WO <sub>3</sub> ·2H <sub>2</sub> 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	(Cu,Fe) <sub>3</sub> AsSe <sub>3</sub>	A	1980-100	Germany	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 215	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Miargyrite	AgSbS <sub>2</sub>	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	Rh <sub>17</sub> S <sub>15</sub>	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	(Ca,Y) <sub>3</sub> Al(PO <sub>3</sub> OH)CO <sub>3</sub> (OH) <sub>6</sub> ·12H <sub>2</sub> O	A	1999-033	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 337	
Michenerite	PdBiTe	Rd	1971-006a	Canada	<i>Canadian Mineralogist</i> <b>6</b> (1958), 200	<i>Canadian Mineralogist</i> <b>12</b> (1973), 61
Microcline	K(AlSi <sub>3</sub> O <sub>8</sub> )	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	[(Na,K) <sub>6</sub> (SO <sub>4</sub> )][Ca <sub>2</sub> Cl <sub>2</sub> ][(Si <sub>6</sub> Al <sub>6</sub> O <sub>24</sub> )]	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	K <sub>3</sub> Na <sub>2</sub> Mn <sub>5</sub> Si <sub>12</sub> (O,OH) <sub>36</sub> ·2H <sub>2</sub> O	A	2005-028	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(3)</b> (2006), 42	
Miersite	AgI	G	1898	Australia	<i>Nature</i> <b>57</b> (1898), 574	<i>Mineralogical Magazine</i> <b>62</b> (1998), 471
Miessiite	Pd <sub>11</sub> Te <sub>2</sub> Se <sub>2</sub>	A	2006-013	Finland	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1221	
Miguelromeroite	Mn <sub>5</sub> (H <sub>2</sub> O) <sub>4</sub> (AsO <sub>3</sub> OH) <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub>	A	2008-066	Mexico	<i>American Mineralogist</i> <b>94</b> (2009), 1535	
Miharaite	PbCu <sub>4</sub> FeBiS <sub>6</sub>	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 <sup>3+</sup> <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	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 <sub>2</sub> (Be <sub>2</sub> AlSi <sub>12</sub> )O <sub>30</sub> ·H <sub>2</sub> O	G	1870	Switzerland	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</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 <sub>6</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>9</sub> ·3H <sub>2</sub> O	G	1930	USA	<i>American Mineralogist</i> <b>15</b> (1930), 307	<i>American Mineralogist</i> <b>45</b> (1960), 547
Millosevichite	Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	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
Milotaite	PdSbSe	A	2003-056	Czech Republic	<i>Canadian Mineralogist</i> <b>43</b> (2005), 689	
Mimetite	Pb <sub>5</sub> (AsO <sub>4</sub> ) <sub>3</sub> Cl	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845)	<i>Canadian Mineralogist</i> <b>29</b> (1991), 369
Minasgeraisite-(Y)	CaBe <sub>2</sub> Y <sub>2</sub> Si <sub>2</sub> O <sub>10</sub>	A	1983-090	Brazil	<i>American Mineralogist</i> <b>71</b> (1986), 603	
Minasragrite	V <sup>4+</sup> O(SO <sub>4</sub> )·5H <sub>2</sub> O	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 <sub>25</sub> BaY <sub>2</sub> (CO <sub>3</sub> ) <sub>11</sub> (HCO <sub>3</sub> ) <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> F <sub>2</sub> Cl	A	1991-048	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(6)</b> (1992), 138	
Minehillite	(K,Na) <sub>2</sub> Ca <sub>28</sub> Zn <sub>5</sub> Al <sub>4</sub> Si <sub>40</sub> O <sub>112</sub> (OH) <sub>16</sub>	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	$Ba[Be_2P_2O_8]$	A	2013-021	China	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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
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	$Ca_2Fe^{3+}_2O_2(PO_4)_3 \cdot 3H_2O$	G	1914	Russia	<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	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
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	
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	<i>American Journal of Science</i> <b>19</b> (1905), 396	<i>American Mineralogist</i> <b>92</b> (2007), 403



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	$MoS_2$	G	1796	unknown	Elements of Mineralogy, Vol. 2. Elmsly, London (1796), 319	<i>American Mineralogist</i> <b>55</b> (1970), 1857
Molybdite	$MoO_3$	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	$Pb_3Mg_9[Si_{10}O_{26}(OH)_8O_2(CO_3)_3] \cdot H_2O$	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	$FeCl_3$	G	1868	Italy	A System of Mineralogy, 5th ed. (1868), 118	<i>Journal of Applied Crystallography</i> <b>22</b> (1989), 173
Momoiite	$Mn^{2+}_3V^{3+}_2(SiO_4)_3$	A	2009-026	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>105</b> (2010), 92	
Monazite-(Ce)	$Ce(PO_4)$	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)	$La(PO_4)$	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)	$Nd(PO_4)$	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)	$Sm(PO_4)$	A	2001-001	Canada	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1649	<i>American Mineralogist</i> <b>80</b> (1995), 21
Moncheite	$Pt(Te,Bi)_2$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>92</b> (1963), 33	<i>Geochimica</i> (1975), 184
Monetite	$Ca(PO_3OH)$	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	$Ca_4Nb_6Si_5O_{24}(OH)_{10} \cdot 6H_2O$	A	1983-027	Mongolia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 374	
Monimolite	$Pb_2Sb^{5+}_2O_7$	Q	2013 s.p.	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> <b>22</b> (1865), 227	
Monipite	$MoNiP$	A	2007-033	Mexico (meteorite)	<i>Meteoritics &amp; Planetary Science</i> <b>44</b> (2009), Supplement A127.	<i>Acta Crystallographica</i> <b>B33</b> (1977), 2820
Monohydrocalcite	$Ca(CO_3) \cdot H_2O$	G	1964	Kyrgyzstan	<i>Kristallografiya</i> <b>9</b> (1964), 109	<i>American Mineralogist</i> <b>93</b> (2008), 1014
Montanite	$Bi^{3+}_2Te^{6+}O_6 \cdot 2H_2O$	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	$(Au,Sb)_2Te_3$	G	1946	Canada	<i>American Mineralogist</i> <b>31</b> (1946), 515	<i>Nature Physical Science</i> <b>231</b> (1971), 67
Montdorite	$KFe^{2+}_{1.5}Mn^{2+}_{0.5}Mg_{0.5}Si_4O_{10}(F,OH)_2$	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	$LiAl(PO_4)(OH)$	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	$CdO$	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	$(\text{Na,Ca})_{0.3}(\text{Al,Mg})_2\text{Si}_4\text{O}_{10}(\text{OH})_2\cdot n\text{H}_2\text{O}$	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	$\text{HgO}$	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	$\text{Cu}_9\text{Fe}_9\text{S}_{16}$	A	1971-019	South Africa	<i>American Mineralogist</i> <b>57</b> (1972), 689	<i>Acta Crystallographica</i> <b>B29</b> (1973), 2365
Moolooite	$\text{Cu}(\text{C}_2\text{O}_4)\cdot n\text{H}_2\text{O}$	A	1980-082	Australia	<i>Mineralogical Magazine</i> <b>50</b> (1986), 295	<i>Inorganic Chemistry</i> <b>19</b> (1980), 2074
Mooreite	$\text{Mg}_{15}(\text{SO}_4)_2(\text{OH})_{26}\cdot 8\text{H}_2\text{O}$	G	1929	USA	<i>American Mineralogist</i> <b>14</b> (1929), 165	<i>Acta Crystallographica</i> <b>B36</b> (1980), 1304
Moorhouseite	$\text{Co}(\text{SO}_4)\cdot 6\text{H}_2\text{O}$	A	1963-008	Canada	<i>Canadian Mineralogist</i> <b>8</b> (1965), 166	<i>Acta Crystallographica</i> <b>C44</b> (1988), 599
Mopungite	$\text{NaSb}^{5+}(\text{OH})_6$	A	1982-020	USA	<i>Mineralogical Record</i> <b>16</b> (1985): 73	<i>Zeitschrift für Anorganische und Allgemeine Chemie</i> <b>238</b> (1938), 241
Moraesite	$\text{Be}_2(\text{PO}_4)(\text{OH})\cdot 4\text{H}_2\text{O}$	G	1953	Brazil	<i>American Mineralogist</i> <b>38</b> (1953), 1126	<i>Zeitschrift für Kristallographie</i> <b>201</b> (1992), 253
Mordenite	$(\text{Na}_2, \text{Ca}, \text{K}_2)_4(\text{Al}_8\text{Si}_{40})\text{O}_{96}\cdot 28\text{H}_2\text{O}$	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	$\text{Al}_3(\text{UO}_2)(\text{PO}_4)_3(\text{OH})_2\cdot 13\text{H}_2\text{O}$	A	1984-010	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>108</b> (1985), 9	
Morelandite	$\text{Ca}_2\text{Ba}_3(\text{AsO}_4)_3\text{Cl}$	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	$\text{Ni}(\text{SO}_4)\cdot 7\text{H}_2\text{O}$	G	1850	Spain	<i>A System of Mineralogy</i> , 3rd ed. Wiley, New York (1850), 679	<i>Acta Crystallographica</i> <b>B53</b> (1997), 325
Morimotoite	$\text{Ca}_3(\text{TiFe}^{2+})(\text{Si}_3\text{O}_{12})$	A	1992-017	Japan	<i>Mineralogical Magazine</i> <b>59</b> (1995), 115	
Morinite	$\text{NaCa}_2\text{Al}_2(\text{PO}_4)_2(\text{OH})\text{F}_4\cdot 2\text{H}_2\text{O}$	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	$\text{Pb}_3\text{Ge}_{1-x}\text{S}_4$	A	1974-036	Poland	<i>Rudy i Metally</i> <b>20</b> (1985), 288	
Mosandrite	$(\text{Ca}_3\text{REE})[(\text{H}_2\text{O})_2\text{Ca}_{0.5}\square_{0.5}]\text{Ti}(\text{Si}_2\text{O}_7)_2(\text{OH})_2(\text{H}_2\text{O})_2$	Rd	2007 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	$\text{HgI}$	A	1987-038	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 524	<i>Acta Crystallographica</i> <b>E68</b> (2012), i11
Moschellandsbergite	$\text{Ag}_2\text{Hg}_3$	G	1938	Germany	<i>American Mineralogist</i> <b>23</b> (1938), 761	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 903
Mosesite	$(\text{Hg}_2\text{N})\text{Cl}$	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)	$\text{Na}_2\text{KYSi}_6\text{O}_{15}$	A	2002-031	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(6)</b> (2003), 15	
Mössbauerite	$\text{Fe}^{3+}_6\text{O}_4(\text{OH})_8(\text{CO}_3)\cdot 3\text{H}_2\text{O}$	A	2012-049	France	<i>CNMNC Newsletter</i> 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Mottanaite-(Ce)	$\text{Ca}_4(\text{CeCa})\text{AlBe}_2(\text{Si}_4\text{B}_4\text{O}_{22})\text{O}_2$	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	KNa <sub>2</sub> Ca <sub>2</sub> [Si <sub>8</sub> O <sub>19</sub> (OH)]·6H <sub>2</sub> 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	(Mg <sub>1-x</sub> Fe <sup>3+</sup> <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)	A	1980-038	Australia	<i>Mineralogical Magazine</i> <b>44</b> (1981), 345	
Mourite	(UO <sub>2</sub> )(Mo <sup>6+</sup> ) <sub>5</sub> O <sub>16</sub> ·5H <sub>2</sub> 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)	YB(OH) <sub>4</sub> (CO <sub>3</sub> )	A	1985-025	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 665	<i>Canadian Mineralogist</i> <b>24</b> (1986), 675
Mozartite	CaMn <sup>3+</sup> (SiO <sub>4</sub> )(OH)	A	1991-016	Italy	<i>Canadian Mineralogist</i> <b>31</b> (1993), 331	<i>American Mineralogist</i> <b>82</b> (1997), 841
Mozgovaite	PbBi <sub>4</sub> (S,Se) <sub>7</sub>	A	1998-060	Italy	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1499	
Mpororoite	Al <sub>2</sub> O(WO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> 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	Bi <sub>2</sub> Cu <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> O <sub>2</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O	A	1990-045	Slovakia	<i>Canadian Mineralogist</i> <b>30</b> (1992), 215	<i>Canadian Mineralogist</i> <b>32</b> (1994), 365
Mroseite	CaTe <sup>4+</sup> O <sub>2</sub> (CO <sub>3</sub> )	A	1974-032	Mexico	<i>Canadian Mineralogist</i> <b>13</b> (1975), 286	<i>Canadian Mineralogist</i> <b>13</b> (1975), 383
Mückeite	CuNiBiS <sub>3</sub>	A	1988-018	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 193	<i>Acta Crystallographica</i> <b>C46</b> (1990), 127
Muirite	Ba <sub>10</sub> Ca <sub>2</sub> Mn <sup>2+</sup> TiSi <sub>10</sub> O <sub>30</sub> (OH,Cl,F) <sub>10</sub>	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	Ca <sub>2</sub> (Al <sub>2</sub> V <sup>3+</sup> )[Si <sub>2</sub> O <sub>7</sub> ][SiO <sub>4</sub> ]O(OH)	A	1968-035	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>185</b> (1969), 1342	
Mullite	Al <sub>4+2x</sub> Si <sub>2-2x</sub> O <sub>10-x</sub> (x ≈ 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	Cu <sub>0.58</sub> Ag <sub>3.11</sub> Pb <sub>1.10</sub> Bi <sub>6.65</sub> S <sub>13</sub>	A	1986-025	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1992), 555	
Munakataite	Pb <sub>2</sub> Cu <sub>2</sub> (Se <sup>4+</sup> O <sub>3</sub> )(SO <sub>4</sub> )(OH) <sub>4</sub>	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	Al(UO <sub>2</sub> ) <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>3</sub> ·5.5H <sub>2</sub> O	A	1980-075	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 669	
Mundrabbillaite	(NH <sub>4</sub> ) <sub>2</sub> Ca(PO <sub>3</sub> OH) <sub>2</sub> ·H <sub>2</sub> O	A	1978-058	Australia	<i>Mineralogical Magazine</i> <b>47</b> (1983), 80	
Munirite	NaV <sup>5+</sup> O <sub>3</sub> ·1.9H <sub>2</sub> O	A	1982-038	Pakistan	<i>Mineralogical Magazine</i> <b>47</b> (1983), 391	<i>Acta Chemica Scandinavica</i> <b>A31</b> (1979), 579
Murashkoite	FeP	A	2012-071	Israel	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Murataite-(Y)	(Y,Na) <sub>6</sub> Zn(Zn,Fe <sup>3+</sup> ) <sub>4</sub> (Ti,Nb,Na) <sub>12</sub> O <sub>29</sub> (O,F,OH) <sub>10</sub> F <sub>4</sub>	A	1972-007	USA	<i>American Mineralogist</i> <b>59</b> (1974), 172	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1223
Murchisite	Cr <sub>5</sub> S <sub>6</sub>	A	2010-003	Australia (meteorite)	<i>American Mineralogist</i> <b>96</b> (2011), 1905	
Murdochite	Cu <sub>12</sub> Pb <sub>2</sub> O <sub>15</sub> Cl <sub>2</sub>	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 905	<i>Acta Crystallographica</i> <b>C39</b> (1983), 1143
Murmanite	Na <sub>2</sub> Ti <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> )O <sub>2</sub> ·2H <sub>2</sub> O	G	1930	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>52</b> (1930), 731	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1207

Murunskite	$K_2(Cu,Fe)_4S_4$	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	$KAl_2(Si_3Al)O_{10}(OH)_2$	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	$[Pb_2(Pb,Sb)_2S_8][(Te,Au)_2]$	A	2003-009	Romania	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 835	
Mushistonite	$Cu^{2+}Sn^{4+}(OH)_6$	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	$Mg_7Fe^{3+}_4(OH)_{26} \cdot H_2O$ (?)	Q	1967-043	Canada	<i>American Mineralogist</i> <b>54</b> (1969), 684	
Muthmannite	$AuAgTe_2$	G	1911	Romania	<i>Zeitschrift für Kristallographie</i> <b>49</b> (1911), 246	<i>American Mineralogist</i> <b>89</b> (2004), 1505
Mutinaite	$Na_3Ca_4Al_{11}Si_{85}O_{192} \cdot 60H_2O$	A	1996-025	Antarctica	<i>Zeolites</i> <b>19</b> (1997), 318	<i>Zeolites</i> <b>19</b> (1997), 323
Mutnovskite	$Pb_2AsS_3(I,Cl,Br)$	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	$Na_3(BaNa)Ti_3(Si_2O_7)_2O_2(OH)_2$	A	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	$NaBa(PO_4) \cdot 9H_2O$	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	$Na_2BeSi_4O_{10} \cdot 4H_2O$	A	2000-024	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>40</b> (2002), 173	<i>American Mineralogist</i> <b>95</b> (2010), 519
Nabiasite	$BaMn_9(VO_4)_6(OH)_2$	A	1997-050	France	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 879	
Nabimusaite	$KCa_{12}(SiO_4)_4(SO_4)_2O_2F$	A	2012-057	Israel	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Nabokoite	$Cu_7Te^{4+}O_4(SO_4)_5 \cdot KCl$	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	$Na_2Ca(PO_4)F$	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)	$NbNa_3Ca_3(Ce,REE)(Si_2O_7)_2OF_3$	A	1987-040	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 84	<i>Canadian Mineralogist</i> <b>51</b> (2013), 313
Nacrite	$Al_2Si_2O_5(OH)_4$	G	1807	Germany	Traité Élémentaire de Minéralogie. Crapelet, Paris (1807), 505	<i>Crystallography Reports</i> <b>53</b> (2008), 76
Nadorite	$PbSb^{3+}O_2Cl$	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	$(Na,K)_3(Fe^{2+},Fe^{3+},\square)_{10}Ti_2(Si,Fe^{3+},Al)_{12}O_{37}(OH,O)_6$	A	1994-007	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>124(6)</b> (1995), 101	<i>European Journal of Mineralogy</i> <b>8</b> (1996), 241
Nagashimalite	$Ba_4(V^{3+},Ti)_4(O,OH)_2[B_2Si_8O_{27}]Cl$	A	1977-045	Japan	<i>Mineralogical Journal</i> <b>10</b> (1980), 122	<i>Mineralogical Journal</i> <b>10</b> (1980), 131
Nagelschmidite	$Ca_7(SiO_4)_2(PO_4)_2$	A	1987 s.p.	Israel	<i>Geological Survey of Israel, Bulletin</i> <b>70</b> (1977), 1	
Nagyágite	$[Pb_3(Pb,Sb)_3S_6](Au,Te)_3$	G	1845	Romania	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 563	<i>American Mineralogist</i> <b>84</b> (1999), 669

Nahcolite	NaH(CO <sub>3</sub> )	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	Na <sub>2</sub> (PO <sub>3</sub> 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	Cu <sub>8</sub> (SO <sub>4</sub> ) <sub>4</sub> (CO <sub>3</sub> )(OH) <sub>6</sub> ·48H <sub>2</sub> O	A	1976-016	Japan	<i>Journal of the Japanese Association of Mineralogists, Petrologists, and Economic Geologists</i> <b>71</b> (1976), 183	
Naldrettite	Pd <sub>2</sub> 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	NaLi <sub>2</sub> (PO <sub>4</sub> )	A	1990-030	Canada	<i>Canadian Mineralogist</i> <b>29</b> (1991), 565	<i>Canadian Mineralogist</i> <b>29</b> (1991), 569
Nalivkinite	Li <sub>2</sub> NaFe <sup>2+</sup> <sub>7</sub> Ti <sub>2</sub> Si <sub>8</sub> O <sub>26</sub> (OH) <sub>4</sub> F	A	2006-038	Tajikistan	<i>Canadian Mineralogist</i> <b>46</b> (2008), 651	
Namansilite	NaMn <sup>3+</sup> Si <sub>2</sub> O <sub>6</sub>	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	LiMn <sup>2+</sup> <sub>4</sub> Si <sub>5</sub> O <sub>14</sub> (OH)	A	1971-032	Japan	<i>Mineralogical Journal</i> <b>7</b> (1972), 29	<i>Acta Crystallographica</i> <b>B31</b> (1975), 2422
Namibite	Cu(BiO) <sub>2</sub> (VO <sub>4</sub> )(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	Zn <sub>4</sub> (SO <sub>4</sub> )(OH) <sub>6</sub> ·4H <sub>2</sub> 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	Na(Ca <sub>5</sub> Li)Mg <sub>12</sub> (AsO <sub>3</sub> ) <sub>2</sub> [Fe <sup>2+</sup> (AsO <sub>3</sub> ) <sub>6</sub> ]F <sub>14</sub>	A	1985-xxx ?	China	<i>Geochimica</i> <b>2</b> (1976), 107	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 63
Nanpingite	CsAl <sub>2</sub> (Si <sub>3</sub> Al)O <sub>10</sub> (OH) <sub>2</sub>	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	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	FeSi	A	2010-010	China	CNMNC Newsletter 3 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 577	
Narsarsukite	Na <sub>2</sub> (Ti,Fe,Zn)Si <sub>4</sub> (O,F) <sub>11</sub>	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	Na <sub>3</sub> Ca <sub>2</sub> [(V <sup>4+</sup> V <sup>5+</sup> ) <sub>9</sub> O <sub>28</sub> ]·24H <sub>2</sub> O	A	2011-105	USA	<i>Canadian Mineralogist</i> <b>51</b> (2013), 27	
Nasinite	Na <sub>2</sub> B <sub>5</sub> O <sub>8</sub> (OH)·2H <sub>2</sub> 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	PbMn <sup>2+</sup> <sub>3</sub> Al <sub>4</sub> O <sub>5</sub> (SO <sub>4</sub> )(CO <sub>3</sub> ) <sub>4</sub> ·5H <sub>2</sub> O	Q	1958	Tajikistan	<i>Doklady Akademii Nauk Uzbekistan SSR</i> <b>5</b> (1958), 13	
Nasonite	Ca <sub>4</sub> Pb <sub>6</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>3</sub> Cl <sub>2</sub>	G	1899	USA	<i>American Journal of Science</i> <b>8</b> (1899), 339	<i>American Mineralogist</i> <b>56</b> (1971), 1174
Nastrophite	NaSr(PO <sub>4</sub> )·9H <sub>2</sub> 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
Natalyite	NaV <sup>3+</sup> Si <sub>2</sub> O <sub>6</sub>	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	Fe <sup>2+</sup> Sn <sup>4+</sup> (OH) <sub>6</sub>	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 Mineralrikt. 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	
Natroniobite	$\text{NaNbO}_3$	Q	1960	Russia	<i>Vses. Nauchno-Issled. Geol. Inst.</i> (1960) 114	
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
Natrophilite	$\text{NaMn}^{2+}(\text{PO}_4)$	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	
Natrouranospinite	$\text{Na}_2(\text{UO}_2)_2(\text{AsO}_4)_2\cdot 5\text{H}_2\text{O}$	Rn	2007 s.p.	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>114</b> (1957), 636	
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	$(V^{5+}, Fe^{3+})_{10}O_{24} \cdot 12H_2O$	G	1955	USA	<i>American Mineralogist</i> <b>40</b> (1955), 207	<i>American Mineralogist</i> <b>75</b> (1990), 508
Nchwaningite	$Mn_2SiO_3(OH)_2 \cdot H_2O$	A	1994-002	South Africa	<i>American Mineralogist</i> <b>80</b> (1995), 377	
Nealite	$Pb_4Fe(AsO_3)_2Cl_4 \cdot 2H_2O$	A	1979-050	Greece	<i>Mineralogical Record</i> <b>11</b> (1980), 299	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 193
Nechelyustovite	$(Ba, Sr, K)_2(Na, Ti, Mn)_4(Ti, Nb)_2O_2Si_4O_{14}(O, H_2O, F)_2 \cdot 4.5H_2O$	A	2006-021	Russia	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 251	<i>Mineralogical Magazine</i> <b>73</b> (2009), 753
Nefedovite	$Na_5Ca_4(PO_4)_4F$	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
Neighborite	$NaMgF_3$	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	$Ca_3Si_6O_{15} \cdot 7H_2O$	G	1956	USA	<i>Mineralogical Magazine</i> <b>31</b> (1956), 5	<i>American Mineralogist</i> <b>65</b> (1980), 1270
Nekrasovite	$Cu_{13}VSn_3S_{16}$	A	1983-051	Uzbekistan	<i>Mineralogicheskii Zhurnal</i> <b>6(2)</b> (1984), 88	
Nelenite	$Mn^{2+}_{16}As^{3+}_3Si_{12}O_{36}(OH)_{17}$	A	1982-011	USA	<i>Mineralogical Magazine</i> <b>48</b> (1984), 271	
Neltnerite	$CaMn^{3+}_6O_8(SiO_4)$	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	$(Na, \square)_8Nb_4(Si_4O_{12})_2(O, OH)_4 \cdot 8H_2O$	G	1955	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>100</b> (1955), 1159	<i>Acta Crystallographica</i> <b>B29</b> (1973), 1432
Neotocite	$(Mn, Fe)SiO_3 \cdot H_2O$ (?)	G	1849	Sweden	Über das Atomistisch-Chemische Mineral System. Gröndahl, Helsingfors (1849), 110	<i>Mineralogical Magazine</i> <b>42</b> (1978), 279
Nepheline	$NaAlSiO_4$	G	1801	Italy	Traité de Minéralogie, Vol. 3. Louis, Paris (1801), 186	<i>Canadian Mineralogist</i> <b>48</b> (2010), 69
Népouite	$Ni_3Si_2O_5(OH)_4$	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	$Mg_4Cl(OH)_7 \cdot 6H_2O$	A	1996-016	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>127(1)</b> (1998), 41	
Neptunite	$KNa_2LiFe^{2+}_2Ti_2Si_8O_{24}$	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	$NaK_3Fe(Ti, Nb)_4(Si_4O_{12})_2(O, OH)_4 \cdot 6H_2O$	A	2002-007	Russia	<i>New Data on Minerals</i> <b>38</b> (2003), 9	
Nesquehonite	$Mg(CO_3) \cdot 3H_2O$	G	1890	USA	<i>American Journal of Science</i> <b>39</b> (1890), 121	<i>Mineralogy and Petrology</i> <b>70</b> (2000), 153
Neustädtelite	$Bi_2Fe^{3+}(Fe^{3+}, Co)_2(O, OH)_4(AsO_4)_2$	A	1998-016	Germany	<i>American Mineralogist</i> <b>87</b> (2002), 726	
Nevadaite	$(Cu^{2+}, \square, Al, V^{3+})_6Al_8(PO_4)_8F_8(OH)_2 \cdot 22H_2O$	A	2002-035	USA	<i>Canadian Mineralogist</i> <b>42</b> (2004), 741	
Nevskite	$Bi(Se, S)$	A	1983-026	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 351	
Newberyite	$Mg(PO_3OH) \cdot 3H_2O$	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	$Ag_2Cu_6Pb_{25}Bi_{26}S_{68}$	A	1968-017	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1969), 90	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1365
Nežilovite	$PbZn_2Mn^{4+}_2Fe^{3+}_8O_{19}$	A	1994-020	Macedonia	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1287	
Niahite	$(NH_4)Mn^{2+}(PO_4) \cdot H_2O$	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	$CaNi(AsO_4)(OH)$	A	1985-002	Morocco	<i>Canadian Mineralogist</i> <b>25</b> (1987), 401	

Nickelbischofite	NiCl <sub>2</sub> ·6H <sub>2</sub> 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	Na <sub>2</sub> Ni(SO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	A	1976-014	Australia	<i>Mineralogical Magazine</i> <b>41</b> (1977), 37	
Nickelboussingaultite	(NH <sub>4</sub> ) <sub>2</sub> Ni(SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	A	1975-037	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>105</b> (1976), 710	
Nickelhexahydrate	Ni(SO <sub>4</sub> )·6H <sub>2</sub> 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	CaNi <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1999-008	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2001), 558	
Nickelphosphide	Ni <sub>3</sub> 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	K <sub>2</sub> Ni(SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O	A	2012-053	Russia	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Nickelschneebergite	BiNi <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH)·H <sub>2</sub> O	A	1999-028	Germany	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 115	
Nickelskutterudite	NiAs <sub>3-x</sub>	Rn	2007 s.p.	Germany	<i>Annalen der Physik und Chemie</i> <b>64</b> (1845), 184	<i>New Data on Minerals</i> <b>42</b> (2007), 16
Nickeltalmessite	Ca <sub>2</sub> Ni(AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	2008-051	Morocco	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(4)</b> (2009), 32	
Nickelzippeite	Ni <sub>2</sub> (UO <sub>2</sub> ) <sub>6</sub> (SO <sub>4</sub> ) <sub>3</sub> (OH) <sub>10</sub> ·16H <sub>2</sub> O	A	1971-005	Czech Republic	<i>Canadian Mineralogist</i> <b>14</b> (1976), 429	
Nickenichite	(Na,Ca,Cu) <sub>1,6</sub> (Mg,Fe <sup>3+</sup> ,Al) <sub>3</sub> (AsO <sub>4</sub> ) <sub>3</sub>	A	1992-014	Germany	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 153	
Nicksobolevite	Cu <sub>7</sub> (SeO <sub>3</sub> ) <sub>2</sub> O <sub>2</sub> Cl <sub>6</sub>	A	2012-097	Russia	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Niedermayrite	Cu <sub>4</sub> Cd(SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> ·4H <sub>2</sub> O	A	1997-024	Greece	<i>Mineralogy and Petrology</i> <b>63</b> (1998), 19	
Nielsbohrite	(K,U,□)(UO <sub>2</sub> ) <sub>3</sub> (AsO <sub>4</sub> )(OH) <sub>4</sub> ·H <sub>2</sub> O	A	2002-045b	Germany	<i>European Journal of Mineralogy</i> <b>21</b> (2009), 515	
Nielsenite	PdCu <sub>3</sub>	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	Si <sub>3</sub> N <sub>4</sub>	A	1994-032	Azerbaijan (meteorite)	<i>Meteoritics</i> <b>30</b> (1995), 387	<i>Materials Research Bulletin</i> <b>9</b> (1974), 917
Nifontovite	Ca <sub>3</sub> [BO(OH) <sub>2</sub> ] <sub>6</sub> ·2H <sub>2</sub> 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
Nikischerite	Fe <sup>2+</sup> <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	A	2001-039	Bolivia	<i>Mineralogical Record</i> <b>34</b> (2003), 155	<i>Canadian Mineralogist</i> <b>41</b> (2003), 79
Niksergievite	Ba <sub>2</sub> Al <sub>3</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (CO <sub>3</sub> )(OH) <sub>6</sub> ·nH <sub>2</sub> O	A	2002-036	Kazakhstan	<i>American Mineralogist</i> <b>90</b> (2005), 1163	
Nimite	(Ni,Mg,Al) <sub>6</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (OH) <sub>8</sub>	A	1971 s.p.	South Africa	<i>American Mineralogist</i> <b>55</b> (1970), 18	
Ningyoite	(U,Ca,Ce) <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> ·1-2H <sub>2</sub> 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	<i>Science</i> <b>155</b> (1967), 451	<i>Geochimica et Cosmochimica Acta</i> <b>52</b> (1988), 877
Niobaeschynite-(Ce)	(Ce,Ca)(Nb,Ti) <sub>2</sub> (O,OH) <sub>6</sub>	Rn	1987 s.p.	Russia	<i>Trudy Institut Mineralogii, Geokhimii, Kristalloghimii Redkikh Elementov, Akademiia Nauk SSSR</i> <b>4</b> (1960), 51	<i>American Mineralogist</i> <b>60</b> (1975), 309



Nioboaschynite-(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	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
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
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
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	$\text{KLiMn}^{3+}_2\text{Si}_4\text{O}_{12}$	A	1989-019	Australia	<i>American Mineralogist</i> <b>74</b> (1989), 1360	<i>American Mineralogist</i> <b>76</b> (1991), 266
Norsethite	$\text{BaMg}(\text{CO}_3)_2$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>46</b> (1961), 420	<i>Zeitschrift für Kristallographie</i> <b>171</b> (1985), 275
Northupite	$\text{Na}_3\text{Mg}(\text{CO}_3)_2\text{Cl}$	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	$\text{Na}_8(\text{Si}_6\text{Al}_6)\text{O}_{24}(\text{SO}_4)\cdot\text{H}_2\text{O}$	G	1815	Germany	<i>Beiträge zur Chemischen Kenntniss der Mineralkörper, Vol. 6.</i> Nicolaischen, Berlin (1815), 371	<i>Canadian Mineralogist</i> <b>27</b> (1989), 165
Nováčekite-I	$\text{Mg}(\text{UO}_2)_2(\text{AsO}_4)_2\cdot 12\text{H}_2\text{O}$	Rn	2007 s.p.	Germany	<i>American Mineralogist</i> <b>36</b> (1951), 380	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1699
Nováčekite-II	$\text{Mg}(\text{UO}_2)_2(\text{AsO}_4)_2\cdot 10\text{H}_2\text{O}$	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	$(\text{Cu,Ag})_{21}\text{As}_{10}$	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	$\text{Ca}_2(\text{C}_2\text{O}_4)\text{Cl}_2\cdot 2\text{H}_2\text{O}$	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	$\text{AuPb}_3$	A	2002-032a	Kazakhstan	nyp	
Nowackiite	$\text{Cu}_6\text{Zn}_3\text{As}_4\text{S}_{12}$	A	1971 s.p.	Switzerland	<i>Chimia</i> <b>19</b> (1965), 500	<i>Zeitschrift für Kristallographie</i> <b>124</b> (1967), 352
Nsutite	$\text{Mn}^{2+}_x\text{Mn}^{4+}_{1-x}\text{O}_{2-2x}(\text{OH})_{2x}$	A	1967 s.p.	Ghana	<i>American Mineralogist</i> <b>47</b> (1962), 246	<i>Nature</i> <b>304</b> (1983), 143
Nuffieldite	$\text{Cu}_{1.4}\text{Pb}_{2.4}\text{Bi}_{2.4}\text{Sb}_{0.2}\text{S}_7$	A	1967-003	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1968), 439	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1497
Nukundamite	$\text{Cu}_{3.4}\text{Fe}_{0.6}\text{S}_4$	A	1978-037	Fiji	<i>Mineralogical Magazine</i> <b>43</b> (1979), 193	<i>American Mineralogist</i> <b>66</b> (1981), 398
Nullaginite	$\text{Ni}_2(\text{CO}_3)(\text{OH})_2$	A	1978-011	Australia	<i>Canadian Mineralogist</i> <b>19</b> (1981), 315	
Numanoite	$\text{Ca}_4\text{CuB}_4\text{O}_6(\text{OH})_6(\text{CO}_3)_2$	A	2005-050	Japan	<i>Canadian Mineralogist</i> <b>45</b> (2007), 307	
Nuwaite	$\text{Ni}_6\text{GeS}_2$	A	2013-018	Mexico (meteorite)	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Nybøite	$\text{NaNa}_2(\text{Mg}_3\text{Al}_2)(\text{Si}_7\text{Al})\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Norway	<i>Mineralogical Magazine</i> <b>67</b> (2003), 769	
Nyerereite	$\text{Na}_2\text{Ca}(\text{CO}_3)_2$	A	1963-014	Tanzania	<i>Zeitschrift für Kristallographie</i> <b>145</b> (1977), 73	
Nyholmite	$\text{Cd}_3\text{Zn}_2(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2\cdot 4\text{H}_2\text{O}$	A	2008-047	Australia	<i>Mineralogical Magazine</i> <b>73</b> (2009), 723	
Oboyerite	$\text{H}_6\text{Pb}_6(\text{Te}^{4+}\text{O}_3)_3(\text{Te}^{6+}\text{O}_6)_2\cdot 2\text{H}_2\text{O}$	A	1979-009	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 453	
Obradovicite-KCu	$[\text{K}_2(\text{H}_2\text{O})_{17}\text{Cu}(\text{H}_2\text{O})_6][\text{Mo}_8\text{As}_2\text{Fe}^{3+}_3\text{O}_{34}(\text{OH})_3]$	Rn	1978-061	Chile	<i>Mineralogical Magazine</i> <b>50</b> (1986), 283	
Obradovicite-NaCu	$[\text{Na}_2(\text{H}_2\text{O})_{17}\text{Cu}(\text{H}_2\text{O})_6][\text{Mo}_8\text{As}_2\text{Fe}^{3+}_3\text{O}_{34}(\text{OH})_3]$	A	2011-079	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
Obradovicite-NaNa	$[\text{Na}_2(\text{H}_2\text{O})_{16}\text{Na}(\text{H}_2\text{O})_6][\text{Mo}_8\text{As}_2\text{Fe}^{3+}_3\text{O}_{33}(\text{OH})_4]$	A	2011-046	Chile	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1175	
O'Danielite	$\text{H}_2\text{NaN}_3(\text{AsO}_4)_3$	A	1979-040	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 155	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 395
Odinite	$(\text{Fe}^{3+}, \text{Mg, Al, Fe}^{2+})_{2.5}(\text{Si, Al})_2\text{O}_5(\text{OH})_4$	A	1988-015	Guinea	<i>Clay Minerals</i> <b>23</b> (1988), 237	
Odintsovite	$\text{K}_2\text{Na}_4\text{Ca}_3\text{Ti}_2\text{Be}_4\text{Si}_{12}\text{O}_{38}$	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	$\text{CoSbAs}$	A	1995-007	Sweden	<i>Canadian Mineralogist</i> <b>36</b> (1998), 855	
Offretite	$\text{KCaMg}(\text{Si}_{13}\text{Al}_5)\text{O}_{36}\cdot 15\text{H}_2\text{O}$	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	$\text{KSc}_2(\text{Be, Al})_3\text{Si}_{12}\text{O}_{30}$	A	2003-045a	Norway	<i>Canadian Mineralogist</i> <b>44</b> (2006), 943	

Ogdensburgite	$\text{Ca}_2\text{Fe}^{3+}_4\text{Zn}(\text{AsO}_4)_4(\text{OH})_6 \cdot 6\text{H}_2\text{O}$	A	1980-054	USA	<i>Mineralogical Record</i> <b>12</b> (1981), 369	<i>American Mineralogist</i> <b>72</b> (1987), 409
Ohmilite	$\text{Sr}_3(\text{Ti}, \text{Fe}^{3+})(\text{Si}_2\text{O}_6)_2(\text{O}, \text{OH}) \cdot 2\text{H}_2\text{O}$	A	1974-031	Japan	<i>Mineralogical Journal</i> <b>7</b> (1973), 298	<i>American Mineralogist</i> <b>68</b> (1983), 811
Ojuelaite	$\text{ZnFe}^{3+}_2(\text{AsO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	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)	$(\text{Y}, \text{REE}, \text{Ca}, \text{Na}, \text{Th})_{16}(\text{Fe}^{3+}, \text{Ti})(\text{Si}, \text{B}, \text{P})_{10}(\text{O}, \text{OH})_{38}\text{F}_{10}$	A	1979-048	USA	<i>American Mineralogist</i> <b>65</b> (1980), 1138	<i>American Mineralogist</i> <b>89</b> (2004), 1540
Okayamalite	$\text{Ca}_2\text{B}_2\text{SiO}_7$	A	1997-002	Japan	<i>Mineralogical Magazine</i> <b>62</b> (1998), 703	<i>American Mineralogist</i> <b>85</b> (2000), 1512
Okenite	$\text{Ca}_{10}\text{Si}_{18}\text{O}_{46} \cdot 18\text{H}_2\text{O}$	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	$\text{Ca}_2(\text{Mn}, \text{Mg})(\text{Mn}^{3+}, \text{Al}, \text{Fe}^{3+})_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1985-010a	Japan	<i>Mineralogical Magazine</i> <b>71</b> (1987), 611	<i>Mineralogy and Petrology</i> <b>77</b> (2003), 25
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
Olekminksite	$\text{Sr}_2(\text{CO}_3)_2$	A	1989-047	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>120(3)</b> (1991), 89	
Olenite	$\text{NaAl}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3\text{O}_3(\text{OH})$	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	$(\text{Ba}, \text{Sr})(\text{Na}, \text{Sr}, \text{REE})_2\text{Na}(\text{PO}_4)_2$	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	$\text{Cu}_2(\text{AsO}_4)(\text{OH})$	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	$\text{Cr}_2\text{Ti}_3\text{O}_9$	A	1993-035	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>123(4)</b> (1994), 98	
Oلميite	$\text{CaMn}[\text{SiO}_3(\text{OH})](\text{OH})$	A	2006-026	South Africa	<i>Mineralogical Magazine</i> <b>71</b> (2007), 193	
Olmsteadite	$\text{KFe}^{2+}_2\text{NbO}_2(\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1974-034	USA	<i>American Mineralogist</i> <b>61</b> (1976), 5	
Olsacherite	$\text{Pb}_2(\text{Se}^{6+}\text{O}_4)(\text{SO}_4)$	A	1969-009	Bolivia	<i>American Mineralogist</i> <b>54</b> (1969), 1519	
Olshanskyite	$\text{Ca}_3[\text{B}_3\text{O}_3(\text{OH})_6]\text{OH} \cdot 3\text{H}_2\text{O}$	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
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	(Pd,Cu) <sub>7</sub> Se <sub>5</sub>	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	SiO <sub>2</sub> ·nH <sub>2</sub> O	G	?	unknown	original paper?	<i>American Mineralogist</i> <b>92</b> (2007), 1325
Ophirite	{[(Fe <sup>3+</sup> ,Zn,Sb <sup>5+</sup> ) <sub>2</sub> (Mn <sup>2+</sup> ,Zn,Fe <sup>3+</sup> ,Sb <sup>5+</sup> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] [(Zn,Fe <sup>3+</sup> ,Fe <sup>2+</sup> ,Mn <sup>2+</sup> ) <sub>2</sub> (W <sup>6+</sup> ,Mg) <sub>18</sub> O <sub>68</sub> ]}{[Mg(H <sub>2</sub> O) <sub>6</sub> ] <sub>2</sub> [(Mg,Fe <sup>3+</sup> ,Mn <sup>2+</sup> ,□)(H <sub>2</sub> O) <sub>6</sub> ] <sub>2</sub> [(Ca,Mn <sup>2+</sup> ,□)(H <sub>2</sub> O) <sub>6</sub> ] <sub>2</sub> ·10H <sub>2</sub> O}	A	2013-017	USA	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Orcelite	Ni <sub>5-x</sub> As <sub>2</sub> (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	ZnSb <sup>5+</sup> <sub>2</sub> O <sub>6</sub>	G	1955	Mexico	<i>American Mineralogist</i> <b>40</b> (1955), 64	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1207
Örebroite	Mn <sup>2+</sup> <sub>3</sub> (Fe <sup>3+</sup> ,Sb <sup>5+</sup> )(SiO <sub>4</sub> )(O,OH) <sub>3</sub>	A	1985-039	Sweden	<i>American Mineralogist</i> <b>71</b> (1986), 1522	
Oregonite	FeNi <sub>2</sub> As <sub>2</sub>	A	1962 s.p.	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1959), 239	
Organovaite-Mn	K <sub>2</sub> MnNb <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> O <sub>4</sub> ·5-7H <sub>2</sub> O	A	2000-031	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(2)</b> (2001), 46	
Organovaite-Zn	K <sub>2</sub> Zn(Nb,Ti) <sub>4</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>2</sub> (O,OH) <sub>4</sub> ·6H <sub>2</sub> O	A	2001-006	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(1)</b> (2002), 29	
Orickite	CuFeS <sub>2</sub> ·nH <sub>2</sub> O	A	1978-059	USA	<i>American Mineralogist</i> <b>68</b> (1983), 245	
Orientite	Ca <sub>8</sub> Mn <sup>3+</sup> <sub>10</sub> (SiO <sub>4</sub> ) <sub>3</sub> (Si <sub>3</sub> O <sub>10</sub> ) <sub>3</sub> (OH) <sub>10</sub> ·4H <sub>2</sub> O	G	1921	Cuba	<i>American Journal of Science</i> <b>1</b> (1921), 491	<i>American Mineralogist</i> <b>71</b> (1986), 176
Orlandiite	Pb <sub>3</sub> Cl <sub>4</sub> (Se <sup>4+</sup> O <sub>3</sub> )·H <sub>2</sub> O	A	1998-038	Italy	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1493	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1147
Orlovite	KLi <sub>2</sub> TiSi <sub>4</sub> O <sub>11</sub> F	A	2009-006	Tajikistan	nyp	
Orlymanite	Ca <sub>4</sub> Mn <sup>2+</sup> <sub>3</sub> Si <sub>8</sub> O <sub>20</sub> (OH) <sub>6</sub> ·2H <sub>2</sub> O	A	1988-029	South Africa	<i>American Mineralogist</i> <b>75</b> (1990), 923	
Orpheite	PbAl <sub>3</sub> (PO <sub>4</sub> )(SO <sub>4</sub> )(OH) <sub>6</sub>	D ?	1971	Bulgaria	<i>University of Sofia, Faculty of Biology, Geology and Geography, Annales</i> <b>64</b> (1971), 107	<i>Journal of The Russell Society</i> <b>10</b> (2007), 57
Orpiment	As <sub>2</sub> S <sub>3</sub>	G	?	unknown	original paper?	<i>Zeitschrift für Kristallographie</i> <b>136</b> (1972), 48
Orschallite	Ca <sub>3</sub> (S <sup>4+</sup> O <sub>3</sub> ) <sub>2</sub> (SO <sub>4</sub> )·12H <sub>2</sub> O	A	1990-041	Germany	<i>Mineralogy and Petrology</i> <b>48</b> (1993), 167	
Orthobrannerite	U <sup>4+</sup> U <sup>6+</sup> Ti <sub>4</sub> O <sub>12</sub> (OH) <sub>2</sub>	A	1982 s.p.	China	<i>Acta Geologica Sinica</i> <b>52</b> (1978), 241	
Orthoclase	K(AlSi <sub>3</sub> O <sub>8</sub> )	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)	NaBa <sub>2</sub> Fe <sup>2+</sup> Ce <sub>2</sub> Ti <sub>2</sub> (SiO <sub>3</sub> ) <sub>8</sub> O <sub>2</sub> (O,OH)·H <sub>2</sub> O	A	1979-081b	USA	<i>American Mineralogist</i> <b>67</b> (1982), 809	
Orthojoaquinite-(La)	NaBa <sub>2</sub> Fe <sup>2+</sup> La <sub>2</sub> Ti <sub>2</sub> (SiO <sub>3</sub> ) <sub>8</sub> O <sub>2</sub> (OH,O,F)·H <sub>2</sub> O	Rd	2000 s.p.	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>39</b> (2001), 757	
Orthominasragrite	V <sup>4+</sup> O(SO <sub>4</sub> )·5H <sub>2</sub> O	A	2000-018	USA	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1325	
Orthopinakiolite	Mg <sub>2</sub> Mn <sup>3+</sup> O <sub>2</sub> (BO <sub>3</sub> )	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	CaCu <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub> ·3H <sub>2</sub> O	A	1983-022a	France	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>65</b> (1985), 1	
Orthowalpurkite	(UO <sub>2</sub> )Bi <sub>4</sub> O <sub>4</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1994-024	Germany	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 1313	
Osakaite	Zn <sub>4</sub> (SO <sub>4</sub> )(OH) <sub>6</sub> ·5H <sub>2</sub> 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	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
Oskarssonite	$\text{AlF}_3$	A	2012-088	Iceland	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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	CNMNC Newsletter 12 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 151	<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	
Ottoite	$\text{Pb}_2\text{TeO}_5$	A	2009-063	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1329	
Ottrelite	$\text{Mn}^{2+}\text{Al}_2\text{O}(\text{SiO}_4)(\text{OH})_2$	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	$(\text{Ba},\text{Pb})_6(\text{Cu}^{1+},\text{Fe},\text{Ni})_{25}\text{S}_{27}$	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>European Journal of Mineralogy</i> <b>19</b> (2007), 557
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-magnesio-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	
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	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
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	
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	
Oxyphlogopite	$\text{K}(\text{Mg},\text{Ti},\text{Fe})_3[(\text{Si},\text{Al})_4\text{O}_{10}](\text{O},\text{F})_2$	A	2009-069	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>139(3)</b> (2010), 31	
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
Oxstibiomicrolite	$(\text{Sb}^{3+},\text{Ca})_2\text{Ta}_2\text{O}_6\text{O}$	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	
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	$\text{NaCaAlF}_6\cdot \text{H}_2\text{O}$	G	1863	Denmark (Greenland)	<i>Annalen der Chemie und Pharmacie</i> <b>127</b> (1863), 61	
Padëraite	$\text{Cu}_7[(\text{Cu},\text{Ag})_{0.33}\text{Pb}_{1.33}\text{Bi}_{11.33}]\text{S}_{22}$	A	1983-091	Romania	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 557	<i>Canadian Mineralogist</i> <b>24</b> (1986), 513
Padmaite	$\text{PdBiSe}$	A	1990-048	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>120(3)</b> (1991), 85	
Paganoite	$\text{NiBi}^{3+}\text{O}(\text{AsO}_4)$	A	1999-043	Germany	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 167	
Pahasapaite	$\text{Li}_8(\text{Ca},\text{Li},\text{K})_{10}\text{Be}_{24}(\text{PO}_4)_{24}\cdot 38\text{H}_2\text{O}$	A	1983-060b	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 433	<i>American Mineralogist</i> <b>74</b> (1989), 1195
Painite	$\text{CaZrAl}_9\text{O}_{15}(\text{BO}_3)$	G	1957	Burma	<i>Mineralogical Magazine</i> <b>31</b> (1957), 420	<i>American Mineralogist</i> <b>89</b> (2004), 610
Pakhomovskiyite	$\text{Co}_3(\text{PO}_4)_2\cdot 8\text{H}_2\text{O}$	A	2004-021	Russia	<i>Canadian Mineralogist</i> <b>44</b> (2006), 117	
Palarstanide	$\text{Pd}_5(\text{Sn},\text{As})_2$	A	1976-058	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 487	
Palenzonaite	$\text{NaCa}_2\text{Mn}^{2+}_2(\text{VO}_4)_3$	A	1986-011	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1987), 136	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1081
Palermoite	$\text{Li}_2\text{SrAl}_4(\text{PO}_4)_4(\text{OH})_4$	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 354	<i>American Mineralogist</i> <b>60</b> (1975), 460
Palladinite	$\text{PdO}$	Q	1837	Brazil	<i>Journal für Praktische Chemie</i> <b>11</b> (1837), 311	<i>Canadian Mineralogist</i> <b>36</b> (1998), 887
Palladium	$\text{Pd}$	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	
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	
Panunzite	K <sub>3</sub> Na(AlSiO <sub>4</sub> ) <sub>4</sub>	A	1978-050	Italy	<i>American Mineralogist</i> <b>73</b> (1988), 420	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 322
Paolovite	Pd <sub>2</sub> Sn	A	1972-025	Russia	<i>Geologiya Rudnykh Mestorozhdeniy</i> <b>16</b> (1974), 98	
Papagoite	CaCuAlSi <sub>2</sub> O <sub>6</sub> (OH) <sub>3</sub>	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>45</b> (1960), 599	<i>Mineralogy and Petrology</i> <b>37</b> (1987), 89
Para-alumohydrocalcite	CaAl <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·6H <sub>2</sub> O	A	1976-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 336	
Parabariomicrolite	BaTa <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O	A	1984-003	Brazil	<i>Canadian Mineralogist</i> <b>24</b> (1986), 655	
Parabrandtite	Ca <sub>2</sub> Mn <sup>2+</sup> (AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1986-009	USA	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>157</b> (1987), 113	
Parabutlerite	Fe <sup>3+</sup> (SO <sub>4</sub> )(OH)·2H <sub>2</sub> O	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 <sub>2</sub> Si <sub>2</sub> O <sub>8</sub> )	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 <sup>3+</sup> <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> ·9H <sub>2</sub> O	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 <sub>2</sub> (AsO <sub>4</sub> )(OH)	G	1956	Mexico	<i>Science</i> <b>123</b> (1956), 1039	<i>American Mineralogist</i> <b>65</b> (1980), 353
Paradocrasite	Sb <sub>2</sub> (Sb,As) <sub>2</sub>	A	1969-011	Australia	<i>American Mineralogist</i> <b>56</b> (1971), 1127	
Parádsasvárite	Zn <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>2</sub>	A	2012-077	Hungary	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Paraershovite	Na <sub>3</sub> K <sub>3</sub> Fe <sup>3+</sup> <sub>2</sub> (Si <sub>4</sub> O <sub>10</sub> OH) <sub>2</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub>	A	2009-025	Russia	<i>Canadian Mineralogist</i> <b>48</b> (2010), 279	
Parafransoletite	Ca <sub>3</sub> Be <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (PO <sub>3</sub> OH) <sub>2</sub> ·4H <sub>2</sub> O	A	1989-049	USA	<i>American Mineralogist</i> <b>77</b> (1992), 843	<i>American Mineralogist</i> <b>77</b> (1992), 848
Parageorgbokiite	Cu <sub>5</sub> O <sub>2</sub> (SeO <sub>3</sub> ) <sub>2</sub> Cl <sub>2</sub>	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 <sub>2</sub> (Si <sub>3</sub> Al)O <sub>10</sub> (OH) <sub>2</sub>	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	$\text{Bi}_2\text{Se}_3$	G	1948	Mexico	<i>Bolletín de Mineralogía de México</i> <b>20</b> (1948), 1	<i>Journal of Physics and Chemistry of Solids</i> <b>24</b> (1963), 479
Parahopeite	$\text{Zn}_3(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	G	1908	Zambia	<i>Mineralogical Magazine</i> <b>15</b> (1908), 1	<i>Zeitschrift für Kristallographie</i> <b>130</b> (1969), 261
Parakeldyshite	$\text{Na}_2\text{ZrSi}_2\text{O}_7$	A	1975-035	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>237</b> (1977), 703	<i>Crystallography Reports</i> <b>52</b> (2007), 1066
Parakhinite	$\text{Cu}^{2+}_3\text{PbTe}^{6+}\text{O}_6(\text{OH})_2$	A	1978-036	USA	<i>American Mineralogist</i> <b>63</b> (1978), 1016	<i>Canadian Mineralogist</i> <b>33</b> (1995), 33
Parakuzmenkoite-Fe	$(\text{K,Ba})_8\text{Fe}_4\text{Ti}_{16}(\text{Si}_4\text{O}_{12})_8(\text{OH,O})_{16} \cdot 20\text{-}28\text{H}_2\text{O}$	A	2001-007	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>130(6)</b> (2001), 63	
Paralabuntsovite-Mg	$\text{Na}_8\text{K}_8\text{Mg}_4\text{Ti}_{16}(\text{Si}_4\text{O}_{12})_8(\text{OH,O})_{16} \cdot 20\text{-}24\text{H}_2\text{O}$	A	2000 s.p.	USA	<i>Bulletin of the Geological Society of America</i> <b>64</b> (1958), 1614	
Paralaurionite	$\text{PbCl}(\text{OH})$	G	1899	Greece	<i>Mineralogical Magazine</i> <b>12</b> (1899), 102	<i>Mineralogical Magazine</i> <b>57</b> (1993), 323
Paralstonite	$\text{BaCa}(\text{CO}_3)_2$	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	$\text{Cu}^{1+}_2\text{Cu}^{2+}_2\text{O}_3$	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
Paranatrolite	$\text{Na}_2(\text{Si}_3\text{Al}_2)\text{O}_{10} \cdot 3\text{H}_2\text{O}$	A	1978-017	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 85	<i>American Mineralogist</i> <b>90</b> (2005), 252
Paraniite-(Y)	$(\text{Ca,Y,Dy})_2\text{Y}(\text{WO}_4)_2(\text{AsO}_4)$	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	
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	$\text{Ag}_4\text{Pb}_{20}\text{Sb}_{14}\text{As}_{10}\text{S}_{58}$	A	2010-033	Italy	<i>Canadian Mineralogist</i> <b>49</b> (2011), 623	
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	$\text{Cu}^{2+}_3(\text{Cu,Zn})(\text{OH})_6\text{Cl}_2$	G	1906	Chile	<i>Mineralogical Magazine</i> <b>14</b> (1906), 170	<i>Acta Crystallographica</i> <b>B31</b> (1975), 183



Paratacamite-(Mg)	$\text{Cu}_3(\text{Mg,Cu})\text{Cl}_2(\text{OH})_6$	A	2013-014	Chile	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Paratacamite-(Ni)	$\text{Cu}_3(\text{Ni,Cu})\text{Cl}_2(\text{OH})_6$	A	2013-013	Chile	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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)	$(\text{La,Ca,Na,Sr})_6\text{Cu}(\text{CO}_3)_8$	A	2005-020	Australia	<i>Mineralogical Magazine</i> <b>70</b> (2006), 131	
Paratsepinite-Ba	$(\text{Ba,Na,K})_{2-x}(\text{Ti,Nb})_2(\text{Si}_4\text{O}_{12})(\text{OH,O})_2 \cdot 4\text{H}_2\text{O}$	A	2002-006	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(1)</b> (2003), 38	
Paratsepinite-Na	$(\text{Na,Sr,K,Ca})_2(\text{Ti,Nb})_2(\text{Si}_4\text{O}_{12})(\text{O,OH})_2 \cdot 4\text{H}_2\text{O}$	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>Neues Jahrbuch für Mineralogie Monatshefte</i> (1969), 430
Paravinogradovite	$(\text{Na},\square)_2(\text{Ti}^{4+},\text{Fe}^{3+})_4(\text{S}_2\text{O}_6)_2(\text{Si}_3\text{AlO}_{10})(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	2002-033	Russia	<i>Canadian Mineralogist</i> <b>41</b> (2003), 989	
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>American Mineralogist</i> <b>72</b> (1987), 580
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
Parkerite	$\text{Ni}_3(\text{Bi,Pb})_2\text{S}_2$	G	1938	South Africa	<i>Transactions of the Geological Society of South Africa</i> <b>39</b> (1937), 186	<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	
Parsettensite	$(\text{K,Na,Ca})_{7.5}(\text{Mn,Mg})_{49}\text{Si}_{72}\text{O}_{168}(\text{OH})_{50} \cdot n\text{H}_2\text{O}$	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
Partzite	$\text{Cu}_2\text{Sb}^{5+}_2\text{O}_7$	Q	2013 s.p.	USA	<i>American Journal of Science</i> <b>93</b> (1867), 362	
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	
Pauflerite	$\text{VO}(\text{SO}_4)$	A	2005-004	Russia	<i>Canadian Mineralogist</i> <b>45</b> (2007), 921	
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> (1978), 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	Brasil	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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	
Pavlovskiyite	$\text{Ca}_8(\text{SiO}_4)_2(\text{Si}_3\text{O}_{10})$	A	2010-063	Russia	<i>American Mineralogist</i> <b>97</b> (2011), 503	
Pavonite	$\text{AgBi}_3\text{S}_5$	G	1954	Bolivia	<i>American Mineralogist</i> <b>39</b> (1954), 409	<i>Canadian Mineralogist</i> <b>15</b> (1977), 339
Paxite	$\text{CuAs}_2$	A	1967 s.p.	Czech Republic	<i>Acta Universitatis Carolinae Geologica</i> (1962), 77	
Pearceite	$[\text{Ag}_9\text{CuS}_4][(\text{Ag}, \text{Cu})_6(\text{As}, \text{Sb})_2\text{S}_7]$	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)	$\text{Li}_4\text{Na}_{12}(\text{Y}, \text{Na}, \text{Ca}, \text{REE})_{12}(\text{PO}_4)_{12}(\text{CO}_3)_4(\text{F}, \text{OH})_8$	A	2009-020	Canada	nyp	
Pecoraite	$\text{Ni}_3\text{Si}_2\text{O}_5(\text{OH})_4$	A	1969-005	Australia	<i>Science</i> <b>165</b> (1969), 59	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 513
Pectolite	$\text{NaCa}_2\text{Si}_3\text{O}_8(\text{OH})$	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	$\text{Na}_3\text{Al}_{16}(\text{PO}_4)_{10}(\text{SO}_4)_2(\text{OH})_{17} \cdot 20\text{H}_2\text{O}$	A	1981-053	Australia	<i>Mineralogical Magazine</i> <b>46</b> (1982), 449	
Pekoite	$\text{CuPbBi}_{11}\text{S}_{18}$	A	1975-014	Australia	<i>Canadian Mineralogist</i> <b>14</b> (1976), 322	
Pekovite	$\text{SrB}_2\text{Si}_2\text{O}_8$	A	2003-035	Tajikistan	<i>Canadian Mineralogist</i> <b>42</b> (2004), 107	
Pellouxite	$(\text{Cu}, \text{Ag})_2\text{Pb}_{21}\text{Sb}_{23}\text{S}_{55}\text{ClO}$	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	$\text{Ba}_2\text{CaFe}^{2+}_2\text{Si}_6\text{O}_{17}$	A	1970-035	Canada	<i>Canadian Mineralogist</i> <b>11</b> (1972), 444	<i>American Mineralogist</i> <b>61</b> (1976), 67
Penfieldite	$\text{Pb}_2\text{Cl}_3(\text{OH})$	G	1892	Greece	<i>American Journal of Science</i> <b>44</b> (1892), 260	<i>Mineralogical Magazine</i> <b>59</b> (1995), 341
Penikisite	$\text{BaMg}_2\text{Al}_2(\text{PO}_4)_3(\text{OH})_3$	A	1976-023	Canada	<i>Canadian Mineralogist</i> <b>15</b> (1977), 393	<i>Acta Crystallographica</i> <b>E69</b> (2013), i4
Penkvilksite	$\text{Na}_2\text{TiSi}_4\text{O}_{11} \cdot 2\text{H}_2\text{O}$	A	1973-016	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>217</b> (1975), 1161	<i>American Mineralogist</i> <b>79</b> (1994), 1185
Pennantite	$\text{Mn}^{2+}_5\text{Al}(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_8$	G	1946	United Kingdom	<i>Mineralogical Magazine</i> <b>27</b> (1946), 217	<i>Canadian Mineralogist</i> <b>21</b> (1983), 545
Penobsquisite	$\text{Ca}_2\text{Fe}^{2+}[\text{B}_9\text{O}_{13}(\text{OH})_6]\text{Cl} \cdot 4\text{H}_2\text{O}$	A	1995-014	Canada	<i>Canadian Mineralogist</i> <b>34</b> (1996), 657	
Penroseite	$(\text{Ni}, \text{Co}, \text{Cu})\text{Se}_2$	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	$\text{CaV}^{4+}\text{OSi}_4\text{O}_{10} \cdot 4\text{H}_2\text{O}$	A	1971-039	USA	<i>American Mineralogist</i> <b>58</b> (1973), 405	<i>American Mineralogist</i> <b>58</b> (1973), 412
Pentahydrate	$\text{Mg}(\text{SO}_4) \cdot 5\text{H}_2\text{O}$	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	$\text{CaB}_2\text{O}(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	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	$(\text{Ni}, \text{Fe})_9\text{S}_8$	G	1856	United Kingdom	Traité de Minéralogie, Vol. 2. Dalmont, Paris (1856), 549	<i>American Mineralogist</i> <b>91</b> (2006), 1442

Penzhinite	$(\text{Ag,Cu})_4\text{Au}(\text{S,Se})_4$	A	1982-027	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 356	
Peprossiite-(Ce)	$\text{CeAl}_2\text{B}_4\text{O}_{10}$	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)	$(\text{CaCe}_3)(\text{Al}_3\text{Fe}^{2+})(\text{Si}_2\text{O}_7)(\text{SiO}_4)_3\text{O}(\text{OH})_2$	A	2011-055	Norway	CNMNC Newsletter 11 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2887	
Percleveite-(Ce)	$\text{Ce}_2\text{Si}_2\text{O}_7$	A	2002-023	Sweden	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 725	
Peretaite	$\text{CaSb}^{3+}_4\text{O}_4(\text{SO}_4)_2(\text{OH})_2 \cdot 2\text{H}_2\text{O}$	A	1979-068	Italy	<i>American Mineralogist</i> <b>65</b> (1980), 936	<i>American Mineralogist</i> <b>65</b> (1980), 940
Perhamite	$\text{Ca}_3\text{Al}_{7.7}\text{Si}_3\text{P}_4\text{O}_{23.5}(\text{OH})_{14.1} \cdot 8\text{H}_2\text{O}$	A	1975-019	USA	<i>Mineralogical Magazine</i> <b>41</b> (1977), 437	<i>Mineralogical Magazine</i> <b>70</b> (2006), 201
Periclase	$\text{MgO}$	G	1841	Italy	Memorie mineralogiche e geologiche della Campania. Napoli (1841), 16	<i>Acta Crystallographica</i> <b>B54</b> (1998), 8
Perite	$\text{PbBiO}_2\text{Cl}$	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	$\text{K}_9\text{NaCa}(\text{Si}_{24}\text{Al}_{12})\text{O}_{72} \cdot 15\text{H}_2\text{O}$	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	$\text{BaMn}^{2+}_2\text{Fe}^{3+}_2(\text{PO}_4)_3(\text{OH})_3$	A	1976-002	USA	<i>Mineralogical Record</i> <b>8</b> (1977), 112	<i>Mineralogical Magazine</i> <b>75</b> (2011), 317
Permingeatite	$\text{Cu}_3\text{SbSe}_4$	A	1971-003	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>94</b> (1971), 162	
Perovskite	$\text{CaTiO}_3$	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	$(\text{Na,Ca})_2(\text{Ba,K})_2(\text{Mn,Fe})_8(\text{Ti,Nb})_4\text{O}_4(\text{OH})_2(\text{Si}_2\text{O}_7)_4(\text{OH,F})_4$	A	1984-033	Canada	<i>Canadian Mineralogist</i> <b>29</b> (1991), 355	<i>Crystallography Reports</i> <b>43</b> (1998), 401
Perrierite-(Ce)	$\text{Ce}_4\text{MgFe}^{3+}_2\text{Ti}_2\text{O}_8(\text{Si}_2\text{O}_7)_2$	A	1987 s.p.	Italy	<i>Rendiconti dell'Accademia Nazionale dei Lincei, Serie VIII</i> <b>9</b> (1950), 361	<i>American Mineralogist</i> <b>59</b> (1974), 1277
Perrierite-(La)	$(\text{La,Ce,Ca})_4(\text{Fe}^{2+},\text{Mn})(\text{Ti,Fe}^{3+},\text{Al})_4[(\text{Si}_2\text{O}_7)\text{O}_4]_2$	A	2010-089	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140(6)</b> (2011), 34	
Perrouditite	$\text{Ag}_4\text{Hg}_5\text{S}_5(\text{I,Br})_2\text{Cl}_2$	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	$(\text{Ni,Fe})_8(\text{Si,P})_3$	A	1968 s.p.	USA	<i>Mineralogical Magazine</i> <b>36</b> (1968), 850	<i>Acta Crystallographica</i> <b>C47</b> (1991), 1358
Pertlikite	$\text{K}_2(\text{Fe}^{2+},\text{Mg})_2(\text{Mg,Fe}^{3+})_4\text{Fe}^{3+}_2\text{Al}(\text{SO}_4)_{12} \cdot 18\text{H}_2\text{O}$	A	2005-055	Iran	<i>Canadian Mineralogist</i> <b>46</b> (2008), 661	
Pertsevite-(F)	$\text{Mg}_2(\text{BO}_3)\text{F}$	A	2002-030	Russia	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1007	
Pertsevite-(OH)	$\text{Mg}_2(\text{BO}_3)(\text{OH})$	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	$\text{LiAlSi}_4\text{O}_{10}$	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	$\text{Na}_5\text{Zr}_2\text{Si}_6\text{O}_{18}(\text{Cl,OH}) \cdot 2\text{H}_2\text{O}$	A	1979-063	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 497	<i>Canadian Mineralogist</i> <b>18</b> (1980), 503
Petedunnite	$\text{CaZnSi}_2\text{O}_6$	A	1983-073	USA	<i>American Mineralogist</i> <b>72</b> (1987), 157	<i>American Mineralogist</i> <b>97</b> (2012), 739
Peterandresenite	$\text{Mn}_4\text{Nb}_6\text{O}_{19} \cdot 14\text{H}_2\text{O}$	A	2012-084	Norway	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Peterbaylissite	$\text{Hg}_3(\text{CO}_3)(\text{OH}) \cdot 2\text{H}_2\text{O}$	A	1993-041	USA	<i>Canadian Mineralogist</i> <b>33</b> (1995), 47	
Petersenite-(Ce)	$\text{Na}_4\text{Ce}_2(\text{CO}_3)_5$	A	1992-048	Canada	<i>Canadian Mineralogist</i> <b>32</b> (1994), 405	

Petersite-(Y)	$\text{Cu}_6\text{Y}(\text{PO}_4)_3(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	A	1981-064	USA	<i>American Mineralogist</i> <b>67</b> (1982), 1039	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1991), 487
Petewilliamsite	$(\text{Ni}, \text{Co})_{30}(\text{As}_2\text{O}_7)_{15}$	A	2002-059	Germany	<i>Mineralogical Magazine</i> <b>68</b> (2004), 231	
Petitjeanite	$\text{Bi}_3\text{O}(\text{PO}_4)_2(\text{OH})$	A	1992-013	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1993), 487	
Petrovicite	$\text{Cu}_3\text{HgPbBiSe}_5$	A	1975-010	Czech Republic	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>99</b> (1976), 310	
Petrovskaita	$\text{AuAgS}$	A	1983-079	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 602	
Petrukite	$(\text{Cu}, \text{Ag})_2(\text{Fe}, \text{Zn})(\text{Sn}, \text{In})\text{S}_4$	A	1985-052	Canada	<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	$\text{KAl}_4(\text{AsO}_4)_3(\text{OH})_4 \cdot 6.5\text{H}_2\text{O}$	A	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
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	$(\text{Cu}, \text{Zn})_6(\text{AsO}_4, \text{PO}_4)_2(\text{OH})_6 \cdot \text{H}_2\text{O}$	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
Phlogopite	$\text{KMg}_3(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_2$	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	$(\text{Mg}, \square)_2\text{Mg}_{12}(\text{PO}_4)_6(\text{PO}_3\text{OH}, \text{CO}_3)_2(\text{OH})_6$	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 Kristallographie und Mineralogie</i> <b>55</b> (1920), 523	<i>American Mineralogist</i> <b>62</b> (1977), 812
Phosphorrösslerite	$\text{Mg}(\text{PO}_3\text{OH}) \cdot 7\text{H}_2\text{O}$	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 Kristallographie 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
Phyllostungtite	$\text{HCaFe}^{3+}_3(\text{WO}_4)_6 \cdot 10\text{H}_2\text{O}$	A	1984-018	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 529	
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
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	CNMNC Newsletter 12 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 151	
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	$\text{Tl}_2(\text{Sb,As})_{10}\text{S}_{16}$	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	$(\text{Mg,Fe,Ca})_2\text{Si}_2\text{O}_6$	A	1988 s.p.	USA	<i>American Geologist</i> <b>26</b> (1900), 204	<i>American Mineralogist</i> <b>88</b> (2003), 1115
Pigotite	$\text{Al}_4\text{C}_6\text{H}_5\text{O}_{10} \cdot 13\text{H}_2\text{O}$ (?)	Q	1840	United Kingdom	<i>Philosophical Magazine</i> <b>17</b> (1840), 382	
Pillaite	$\text{Pb}_9\text{Sb}_{10}\text{S}_{23}\text{ClO}_{0.5}$	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	$\text{Bi}_4\text{Te}_3$	Rd	1982 s.p.	Hungary	Das Mohs'sche Mineralsystem. Gerold, Wien (1853), 121	<i>Acta Crystallographica</i> <b>B35</b> (1979), 147
Pinakiolite	$(\text{Mg,Mn})_2(\text{Mn}^{3+},\text{Sb}^{5+})\text{O}_2(\text{BO}_3)$	G	1890	Sweden	<i>Zeitschrift für Kristallographie</i> <b>18</b> (1890), 361	<i>American Mineralogist</i> <b>59</b> (1974), 985
Pinalite	$\text{Pb}_3(\text{WO}_4)\text{OCl}_2$	A	1988-025	USA	<i>American Mineralogist</i> <b>74</b> (1989), 934	<i>American Mineralogist</i> <b>85</b> (2000), 806
Pinchite	$\text{Hg}_5\text{O}_4\text{Cl}_2$	A	1973-052	USA	<i>Canadian Mineralogist</i> <b>12</b> (1974), 417	<i>American Mineralogist</i> <b>79</b> (1994), 1199
Pingguite	$\text{Bi}_6\text{Te}^{4+}_2\text{O}_{13}$	A	1993-019	China	<i>Acta Mineralogica Sinica</i> <b>14</b> (1994), 315	
Pinnoite	$\text{MgB}_2\text{O}(\text{OH})_6$	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	$\text{Ca}_2\text{V}^{5+}_2\text{O}_7 \cdot 9\text{H}_2\text{O}$	Q	1914	USA	<i>Journal of the Washington Academy of Sciences</i> <b>4</b> (1914), 576	
Piretite	$\text{Ca}(\text{UO}_2)_3(\text{Se}^{4+}\text{O}_3)_2(\text{OH})_4 \cdot 4\text{H}_2\text{O}$	A	1996-002	Democratic Republic of the Congo	<i>Canadian Mineralogist</i> <b>34</b> (1996), 1917	
Pirquitasite	$\text{Ag}_2\text{ZnSnS}_4$	A	1980-091	Argentina	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 229	<i>Acta Crystallographica</i> <b>E69</b> (2013), i8
Pirssonite	$\text{Na}_2\text{Ca}(\text{CO}_3)_2 \cdot 2\text{H}_2\text{O}$	A	1896	USA	<i>American Journal of Science</i> <b>152</b> (1896), 123	<i>Acta Crystallographica</i> <b>23</b> (1967), 763
Pisekite-(Y)	$(\text{Y,As,Ca,Fe,U})(\text{Nb,Ti,Ta})\text{O}_4$	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	$\text{K}_2\text{Na}_6(\text{Si}_6\text{Al}_6)\text{O}_{24}(\text{SO}_4) \cdot 2\text{H}_2\text{O}$	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	$[\text{Fe,AsO}_4,\text{SO}_4,\text{H}_2\text{O}]$ (?)	Q	1813	Germany	Handbuch der Mineralogie, Vol. 1. Vandenhoeck und Ruprecht, Göttingen (1813), 285	<i>Mineralogical Magazine</i> <b>46</b> (1982), 261
Pittongite	$(\text{Na,H}_2\text{O})_{0.7}(\text{W,Fe}^{3+})(\text{O,OH})_3$	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	$\text{K}_4\text{Cu}_4\text{O}_2(\text{SO}_4)_4 \cdot (\text{Na,Cu})\text{Cl}$	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	$(\text{Cu,Fe})\text{Cu}_{14}\text{PbBi}_{17}\text{S}_{34}$	A	2001-002	Switzerland	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1229	
Plagionite	$\text{Pb}_5\text{Sb}_8\text{S}_{17}$	G	1833	Germany	<i>Annalen der Physik</i> <b>2</b> (1833), 421	<i>Zeitschrift für Kristallographie</i> <b>139</b> (1974), 351
Plancheite	$\text{Cu}_8(\text{Si}_4\text{O}_{11})_2(\text{OH})_4 \cdot \text{H}_2\text{O}$	Rd	1967 s.p.	Democratic Republic of the Congo	<i>Bulletin de la Société Minéralogique de France</i> <b>31</b> (1908), 247	<i>American Mineralogist</i> <b>62</b> (1977), 491
Planerite	$\text{Al}_6(\text{PO}_4)_2(\text{PO}_3\text{OH})_2(\text{OH})_8 \cdot 4\text{H}_2\text{O}$	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
Platarsite	$\text{PtAsS}$	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
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>5</sub> Si <sub>6</sub> O <sub>16</sub> (OH) <sub>2</sub> ·7H <sub>2</sub> O	G	1858	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	
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>5</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
Polezhaevaitite-(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 Metally</i> <b>20</b> (1985), 288	
Pollucite	Cs(Si <sub>2</sub> Al)O <sub>6</sub> ·nH <sub>2</sub> 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)	(Ce,Ca) <sub>4</sub> MgCr <sub>2</sub> (Ti,Nb) <sub>2</sub> Si <sub>4</sub> O <sub>22</sub>	A	1998-029	Russia	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1095	
Polybasite	[Ag <sub>9</sub> CuS <sub>4</sub> ][(Ag,Cu) <sub>6</sub> (Sb,As) <sub>2</sub> S <sub>7</sub> ]	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)	$Y(\text{Ti,Nb})_2(\text{O,OH})_6$	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	$\text{Na}_9\text{Ca}_2\text{Ti}_2(\text{Si}_2\text{O}_7)(\text{PO}_4)_3\text{O}_2\text{F}_2$	A	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
Poppiite	$\text{Ca}_2(\text{V}^{3+}, \text{Fe}^{3+}, \text{Mg})\text{V}_2(\text{Si,Al})_3(\text{O,OH})_{14}$	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
Potassiccarpholite	$\text{K}(\text{Mn}^{2+}, \text{Li})_2\text{Al}_4\text{Si}_4\text{O}_{12}(\text{OH,F})_8$	A	2002-064	Canada	<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	$\text{K}(\text{NaCa})(\text{Fe}^{2+}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	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-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	
Potassicmendeleevite-(Ce)	$\text{Cs}_6\text{K}_6(\text{REE}_{22}\text{Ca}_6)(\text{Si}_{70}\text{O}_{175})(\text{OH},\text{F})_{20}(\text{H}_2\text{O})_{15}$	A	2009-093	Tajikistan	nyp	
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	$\text{PbBi}(\text{VO}_4)(\text{VO}_3\text{OH})\cdot 2\text{H}_2\text{O}$	A	1986-045	USA	<i>Mineralogical Magazine</i> <b>52</b> (1988), 389	
Poubaite	$\text{PbBi}_2(\text{Se},\text{Te},\text{S})_4$	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	
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	$\text{K}(\text{Ti}_7\text{Fe}^{3+})\text{O}_{16}$	G	1951	Australia	<i>Mineralogical Magazine</i> <b>29</b> (1951), 496	<i>Acta Crystallographica</i> <b>B38</b> (1982), 1056
Pringleite	$\text{Ca}_9\text{B}_{26}\text{O}_{34}(\text{OH})_{24}\text{Cl}_4\cdot 13\text{H}_2\text{O}$	A	1992-010	Canada	<i>Canadian Mineralogist</i> <b>31</b> (1993), 795	<i>Canadian Mineralogist</i> <b>32</b> (1994), 1
Prismatine	$(\text{Mg},\text{Al},\text{Fe})_6\text{Al}_4(\text{Si},\text{Al})_4(\text{B},\text{Si},\text{Al})(\text{O},\text{OH},\text{F})_{22}$	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	$\text{NaCaB}_5\text{O}_7(\text{OH})_4\cdot 3\text{H}_2\text{O}$	G	1929	USA	<i>American Mineralogist</i> <b>14</b> (1929), 427	<i>Acta Crystallographica</i> <b>B38</b> (1982), 3072
Proshchenkoite-(Y)	$(\text{Y},\text{REE},\text{Ca},\text{Na},\text{Mn})_{15}\text{Fe}^{2+}\text{Ca}(\text{P},\text{Si})\text{Si}_6\text{B}_3(\text{O},\text{F})_{48}$	A	2008-007	Russia	<i>Mineralogical Magazine</i> <b>72</b> (2008), 1071	
Prosopite	$\text{CaAl}_2(\text{F},\text{OH})_8$	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	$\text{Ca}_2\text{Zn}_4(\text{AsO}_4)_4\cdot \text{H}_2\text{O}$	A	1978-028	Namibia	<i>Canadian Mineralogist</i> <b>17</b> (1979), 87	<i>Zeitschrift für Kristallographie</i> <b>158</b> (1982), 33
Protasite	$\text{Ba}(\text{UO}_2)_3\text{O}_3(\text{OH})_2\cdot 3\text{H}_2\text{O}$	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	$\square\text{Mg}_2\text{Mg}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<i>American Mineralogist</i> <b>88</b> (2003), 1718	
Protochabournéite	$\text{Tl}_{5-x}\text{Pb}_{2x}(\text{Sb},\text{As})_{21-x}\text{S}_{34}$	A	2011-054	Italy	CNMNC Newsletter 11 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2887	

Proto-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>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	$\square\text{Mn}^{2+}_2\text{Fe}^{2+}_5\text{Si}_8\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<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
Prouditite	$\text{Cu}_2\text{Pb}_{16}\text{Bi}_{20}(\text{S},\text{Se})_{47}$	A	1975-028	Australia	<i>American Mineralogist</i> <b>61</b> (1976), 839	<i>Canadian Mineralogist</i> <b>47</b> (2009), 25
Proustite	$\text{Ag}_3\text{AsS}_3$	G	1832	unknown	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 445	<i>Phase Transition</i> <b>6</b> (1985), 1
Przhevalskite	$\text{Pb}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	Q	1946	Tajikistan	original paper?	
Pseudoboleite	$\text{Pb}_{31}\text{Cu}_{24}\text{Cl}_{62}(\text{OH})_{48}$	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	$(\text{Fe}^{3+}_2\text{Ti})\text{O}_5$	Rd	1988 s.p.	Romania	<i>Mineralogische und Petrographische Mitteilungen</i> <b>1</b> (1878), 77	<i>American Mineralogist</i> <b>84</b> (1999), 130
Pseudocotunnite	$\text{K}_2\text{PbCl}_4$ (?)	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	$\text{Pb}_6(\text{SO}_4)\text{F}_{10}$	A	1988-017	USA	<i>American Mineralogist</i> <b>74</b> (1989), 927	
Pseudojohannite	$\text{Cu}_3(\text{OH})_2[(\text{UO}_2)_4\text{O}_4(\text{SO}_4)_2] \cdot 12\text{H}_2\text{O}$	A	2000-019	Czech Republic	<i>American Mineralogist</i> <b>91</b> (2006), 929	<i>American Mineralogist</i> <b>97</b> (2012), 1796
Pseudolaueite	$\text{Mn}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 7-8\text{H}_2\text{O}$	G	1956	Germany	<i>Naturwissenschaften</i> <b>43</b> (1956), 128	<i>American Mineralogist</i> <b>54</b> (1969), 1312
Pseudolyonsite	$\text{Cu}_3(\text{VO}_4)_2$	A	2009-062	Russia	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 475	
Pseudomalachite	$\text{Cu}_5(\text{PO}_4)_2(\text{OH})_4$	G	1813	Germany	Handbuch der Mineralogie, Vol. 3. Vandenhoek und Ruprecht, Göttingen (1813), 1036	<i>American Mineralogist</i> <b>62</b> (1977), 1042
Pseudorutile	$\text{Fe}^{3+}_2\text{Ti}^{4+}_3\text{O}_9$	Rd	1994 s.p.	Australia	<i>Nature</i> <b>211</b> (1966), 179	<i>Mineralogical Magazine</i> <b>58</b> (1994), 597
Pseudosinhalite	$\text{Mg}_2\text{Al}_3\text{B}_2\text{O}_9(\text{OH})$	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	$\text{CaSiO}_3$	A	1962 s.p.	unknown	original paper?	<i>American Mineralogist</i> <b>84</b> (1999), 929
Pucherite	$\text{Bi}(\text{VO}_4)$	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)	$\text{Ca}_2\text{Al}_3(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH},\text{O})_2 \cdot \text{H}_2\text{O}$	A	2005-016	Belgium	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 247	
Pumpellyite-(Fe <sup>2+</sup> )	$\text{Ca}_2\text{Fe}^{2+}\text{Al}_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH},\text{O})_2 \cdot \text{H}_2\text{O}$	Rn	1973 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>165</b> (1965), 136	
Pumpellyite-(Fe <sup>3+</sup> )	$\text{Ca}_2(\text{Fe}^{3+},\text{Mg})\text{Al}_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH},\text{O})_2 \cdot \text{H}_2\text{O}$	Rn	1973 s.p.	Italy	<i>Periodico di Mineralogia</i> <b>41</b> (1972), 273	
Pumpellyite-(Mg)	$\text{Ca}_2\text{MgAl}_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$	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> )	$\text{Ca}_2\text{Mn}^{2+}\text{Al}_2(\text{Si}_2\text{O}_7)(\text{SiO}_4)(\text{OH})_2 \cdot \text{H}_2\text{O}$	Rn	1980-006	Japan	<i>Bulletin de Minéralogie</i> <b>104</b> (1981), 396	
Punkaruavite	$\text{Li}\{\text{Ti}_2(\text{OH})_2[\text{Si}_4\text{O}_{11}(\text{OH})]\} \cdot \text{H}_2\text{O}$	A	2008-018	Russia	<i>Canadian Mineralogist</i> <b>48</b> (2010), 41	
Purpurite	$(\text{Mn}^{3+},\text{Fe}^{3+})(\text{PO}_4)$	G	1905	USA	<i>American Journal of Science</i> <b>20</b> (1905), 146	<i>Geologiska Foreningens i Stockholm Forhandlingar</i> <b>60</b> (1938), 67
Pushcharovskite	$\text{K}_{0.6}\text{Cu}_{18}[\text{AsO}_2(\text{OH})_2]_4[\text{AsO}_3\text{OH}]_{10}(\text{AsO}_4)(\text{OH})_{9.6} \cdot 18.6\text{H}_2\text{O}$	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	$\text{SrCa}_4\text{Cr}^{3+}_8(\text{CO}_3)_8(\text{SO}_4)(\text{OH})_{16} \cdot 23\text{H}_2\text{O}$	A	2011-106	Australia	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Putoranite	$\text{Cu}_{1.1}\text{Fe}_{1.2}\text{S}_2$	A	1979-054	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 335	
Putzite	$(\text{Cu},\text{Ag})_8\text{GeS}_6$	A	2002-024	Argentina	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1757	

Pyatenkoite-(Y)	$\text{Na}_5\text{YTiSi}_6\text{O}_{18}\cdot 6\text{H}_2\text{O}$	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	$(\text{NH}_4)_3\text{Fe}(\text{SO}_4)_3$	A	2008-029	Italy	<i>Canadian Mineralogist</i> <b>48</b> (2010), 307	
Pyrargyrite	$\text{Ag}_3\text{SbS}_3$	G	1831	unknown	Handbuch der Mineralogie. Schrag, Nürnberg (1831), 388	<i>Journal of Geosciences</i> <b>55</b> (2010), 161
Pyrite	$\text{FeS}_2$	G	?	unknown	original paper?	<i>American Mineralogist</i> <b>62</b> (1977), 1168
Pyroaurite	$\text{Mg}_6\text{Fe}^{3+}_2(\text{CO}_3)(\text{OH})_{16}\cdot 4\text{H}_2\text{O}$	Rd	1865	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> (1865), 605	<i>Mineralogical Magazine</i> <b>36</b> (1967), 465
Pyrobelonite	$\text{PbMn}^{2+}\text{VO}_4(\text{OH})$	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	$\text{Mn}^{2+}(\text{OH})_2$	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	$\text{MnO}_2$	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	$\text{Pb}_5(\text{PO}_4)_3\text{Cl}$	G	1813	Germany	Handbuch der Mineralogie, Vol. 3. Vandenhoek und Ruprecht, Göttingen (1813), 1090	<i>American Mineralogist</i> <b>97</b> (2012), 415
Pyrope	$\text{Mg}_3\text{Al}_2(\text{SiO}_4)_3$	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	$\text{Mn}^{2+}\text{TiO}_3$	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.	Australia	<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	$\text{Mg}_2(\text{Ti},\text{Fe}^{3+},\text{Al})\text{O}_4$	A	1980-046	Iraq	<i>Mineralogical Magazine</i> <b>49</b> (1985), 739	<i>Acta Crystallographica</i> <b>B45</b> (1989), 542
Qaqarsukite-(Ce)	$\text{BaCe}(\text{CO}_3)_2\text{F}$	A	2004-019	Denmark (Greenland)	<i>Canadian Mineralogist</i> <b>44</b> (2006), 1137	
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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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

Quadrilavine	$[(\text{Na},\text{K})_6\text{Cl}_2][\text{Ca}_2\text{Cl}_2][(\text{Si}_6\text{Al}_6\text{O}_{24})]$	A	1990-054	Italy	<i>European Journal of Mineralogy</i> <b>6</b> (1994), 481	
Quadruphite	$\text{Na}_{14}\text{Ca}_2\text{Ti}_4(\text{Si}_2\text{O}_7)_2(\text{PO}_4)_4\text{O}_4\text{F}_2$	A	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
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	$\text{Ca}(\text{UO}_2)_4(\text{SO}_4)_2(\text{OH})_6 \cdot 6\text{H}_2\text{O}$	A	1992-043	France	<i>European Journal of Mineralogy</i> <b>5</b> (1994), 873	
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	$\text{Cu}_2\text{Fe}^{3+}[\text{AsO}_4][\text{AsO}_2(\text{OH})_2] \cdot \text{H}_2\text{O}$	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
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	
Ralstonite	$\text{Na}_{0.5}(\text{Al},\text{Mg})_2(\text{F},\text{OH})_6 \cdot \text{H}_2\text{O}$	G	1871	Denmark (Greenland)	<i>American Journal of Science and Arts</i> <b>102</b> (1871), 30	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 97
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	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	$\text{K}_2\text{CaO}_8(\text{UO}_2)_6 \cdot 9\text{H}_2\text{O}$	A	1971-045	France	<i>Mineralogical Magazine</i> <b>38</b> (1972), 781	
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	nyp	

Rammelsbergite	NiAs <sub>2</sub>	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Acta Chemica Scandinavica</i> <b>A33</b> (1979), 469
Ramsbeckite	Cu <sub>15</sub> (SO <sub>4</sub> ) <sub>4</sub> (OH) <sub>22</sub> ·6H <sub>2</sub> O	A	1984-067	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1985), 550	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 38
Ramsdellite	MnO <sub>2</sub>	G	1943	USA	<i>Economic Geology</i> <b>38</b> (1943), 269	<i>American Mineralogist</i> <b>89</b> (2004), 969
Ranciéite	(Ca,Mn <sup>2+</sup> ) <sub>0.2</sub> (Mn <sup>4+</sup> ,Mn <sup>3+</sup> )O <sub>2</sub> ·0.6H <sub>2</sub> 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	Ca <sub>0.5</sub> (V <sup>4+</sup> ,V <sup>5+</sup> )(W <sup>6+</sup> ,Fe <sup>3+</sup> ) <sub>2</sub> O <sub>8</sub> (OH)·2H <sub>2</sub> O	A	1983-044	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 289	
Rankamaite	(Na,K) <sub>3</sub> (Ta,Nb,Al) <sub>11</sub> (O,OH) <sub>31</sub>	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	Ca <sub>3</sub> Si <sub>2</sub> O <sub>7</sub>	G	1942	United Kingdom	<i>Mineralogical Magazine</i> <b>26</b> (1942), 190	<i>Mineralogical Journal</i> <b>8</b> (1976), 240
Ransomite	CuFe <sup>3+</sup> <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ·6H <sub>2</sub> O	G	1928	USA	<i>American Mineralogist</i> <b>13</b> (1928), 203	<i>American Mineralogist</i> <b>55</b> (1970), 729
Ranunculite	Al(UO <sub>2</sub> )(PO <sub>3</sub> OH)(OH) <sub>3</sub> ·4H <sub>2</sub> O	A	1978-067	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>43</b> (1979), 321	
Rapidcreekite	Ca <sub>2</sub> (SO <sub>4</sub> )(CO <sub>3</sub> )·4H <sub>2</sub> O	A	1984-035	Canada	<i>Canadian Mineralogist</i> <b>24</b> (1986), 51	<i>Canadian Mineralogist</i> <b>34</b> (1996), 99
Rappoldite	PbCo <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	A	1998-015	Germany	<i>Mineralogical Magazine</i> <b>64</b> (2000), 1109	
Raslakite	Na <sub>15</sub> Ca <sub>3</sub> Fe <sub>3</sub> (Na,Zr) <sub>3</sub> Zr <sub>3</sub> (Si,Nb)Si <sub>25</sub> O <sub>73</sub> (OH,H <sub>2</sub> O) <sub>3</sub> (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	Pb(WO <sub>4</sub> )	G	1897	Australia	<i>Annalen des Kaiserlich-Königlichen Naturhistorischen Hofmuseums</i> <b>12</b> (1897), 33	<i>Acta Crystallographica</i> <b>B33</b> (1977), 162
Rastsvetaevite	Na <sub>27</sub> K <sub>8</sub> Ca <sub>12</sub> Fe <sub>3</sub> Zr <sub>6</sub> Si <sub>52</sub> O <sub>144</sub> (OH,O) <sub>6</sub> Cl <sub>2</sub>	A	2000-028	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(1)</b> (2006), 49	
Rasvumite	KFe <sub>2</sub> S <sub>3</sub>	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	Ag <sub>2</sub> Pb <sub>12-x</sub> Tl <sub>x/2</sub> As <sub>18+x/2</sub> S <sub>40</sub>	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	Pb <sub>3</sub> As <sub>5</sub> S <sub>10</sub>	Q	1964	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>44</b> (1964), 5	
Rauchite	Ni(UO <sub>2</sub> ) <sub>2</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·10H <sub>2</sub> O	A	2010-037	Russia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 913	
Rauenthalite	Ca <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·10H <sub>2</sub> 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	Ca(UO <sub>2</sub> ) <sub>2</sub> V <sub>10</sub> O <sub>28</sub> ·16H <sub>2</sub> O	Q	1922	USA	<i>Engineering and Mining Journal - Press</i> <b>114</b> (1922), 272	
Ravatite	C <sub>14</sub> H <sub>10</sub>	A	1992-019	Tajikistan	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 699	<i>Acta Crystallographica</i> <b>B46</b> (1990), 830
Raygrantite	Pb <sub>10</sub> Zn(SO <sub>4</sub> ) <sub>6</sub> (SiO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	A	2013-001	USA	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Rayite	(Ag,Tl) <sub>2</sub> Pb <sub>8</sub> Sb <sub>8</sub> S <sub>21</sub>	A	1982-029	India	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 296	

Realgar	AsS	G	1747	unknown	Mineralogia, eller Mineralriket. Salvius, Stockholm (1747)	<i>American Mineralogist</i> <b>94</b> (2009), 451
Rebুলite	Tl <sub>5</sub> Sb <sub>5</sub> As <sub>8</sub> S <sub>22</sub>	Rd	2008 s.p.	Macedonia	<i>Zeitschrift für Kristallographie</i> <b>160</b> (1982), 109	
Rectorite	(Na,Ca)Al <sub>4</sub> (Si,Al) <sub>8</sub> O <sub>20</sub> (OH) <sub>4</sub> ·2H <sub>2</sub> 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
Reddingite	Mn <sup>2+</sup> <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> ·3H <sub>2</sub> 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	Cu <sub>6</sub> (SO <sub>4</sub> )(OH) <sub>10</sub> ·H <sub>2</sub> O	A	2004-016	United Kingdom	<i>Mineralogical Magazine</i> <b>69</b> (2005), 973	
Redingtonite	Fe <sup>2+</sup> Cr <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ·22H <sub>2</sub> O	Q	1888	USA	<i>U.S. Geological Survey Monograph</i> <b>13</b> (1888), 279	
Redledgeite	Ba(Ti <sub>6</sub> Cr <sup>3+</sup> <sub>2</sub> )O <sub>16</sub>	A	1967 s.p.	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1961), 107	<i>Canadian Mineralogist</i> <b>35</b> (1997), 1531
Redondite	Al(PO <sub>4</sub> )·2H <sub>2</sub> O	Q	1967 s.p.	United Kingdom	<i>American Journal of Science</i> <b>47</b> (1869), 428	
Reederite-(Y)	(Na,Mn) <sub>15</sub> Y <sub>2</sub> (CO <sub>3</sub> ) <sub>9</sub> (SO <sub>3</sub> F)Cl	A	1994-012	Canada	<i>American Mineralogist</i> <b>80</b> (1995), 1059	
Reedmergnerite	NaBSi <sub>3</sub> O <sub>8</sub>	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>45</b> (1960), 188	<i>American Mineralogist</i> <b>84</b> (1999), 333
Reevesite	Ni <sub>6</sub> Fe <sup>3+</sup> <sub>2</sub> (CO <sub>3</sub> )(OH) <sub>16</sub> ·4H <sub>2</sub> 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 <sub>20</sub> H <sub>32</sub> O <sub>2</sub>	G	1852	Italy	<i>Journal des Connaissances Médicales Pratique et de Pharmacologie</i> (1852) 52	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1965), 19
Reichenbachite	Cu <sub>5</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>4</sub>	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 <sub>4</sub> )	A	2001-013	USA / Barbados	<i>American Mineralogist</i> <b>87</b> (2002), 562	
Reinerite	Zn <sub>3</sub> (AsO <sub>3</sub> ) <sub>2</sub>	G	1958	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1958), 160	<i>American Mineralogist</i> <b>62</b> (1977), 1129
Reinhardbraunsite	Ca <sub>5</sub> (SiO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	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
Remondite-(Ce)	Na <sub>3</sub> (Ce,La,Ca,Na,Sr) <sub>3</sub> (CO <sub>3</sub> ) <sub>5</sub>	A	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), 145
Remondite-(La)	Na <sub>3</sub> (La,Ce,Ca) <sub>3</sub> (CO <sub>3</sub> ) <sub>5</sub>	A	1999-006	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>129(1)</b> (2000), 53	
Renardite	Pb(UO <sub>2</sub> ) <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·7H <sub>2</sub> O	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 <sub>4</sub> Ti <sub>4</sub> ZrO <sub>8</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub>	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 <sup>1+</sup> ,Zn) <sub>11</sub> Fe <sub>4</sub> (Ge <sup>4+</sup> ,As <sup>5+</sup> ) <sub>2</sub> S <sub>16</sub>	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 <sup>2+</sup> <sub>5</sub> (VO <sub>4</sub> ) <sub>2</sub> (OH) <sub>4</sub>	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 <sub>4</sub> )·6H <sub>2</sub> O	G	1949	Peru	<i>American Mineralogist</i> <b>34</b> (1949), 188	<i>Acta Crystallographica</i> <b>B43</b> (1987), 319
Retzian-(Ce)	Mn <sup>2+</sup> <sub>2</sub> Ce(AsO <sub>4</sub> )(OH) <sub>4</sub>	Rd	1982 s.p.	Sweden	<i>Bulletin of the Geological Institute of Upsala</i> <b>2</b> (1894), 54	
Retzian-(La)	Mn <sup>2+</sup> <sub>2</sub> La(AsO <sub>4</sub> )(OH) <sub>4</sub>	A	1983-077	USA	<i>Mineralogical Magazine</i> <b>48</b> (1984), 533	
Retzian-(Nd)	Mn <sup>2+</sup> <sub>2</sub> Nd(AsO <sub>4</sub> )(OH) <sub>4</sub>	A	1982 s.p.	USA	<i>American Mineralogist</i> <b>67</b> (1982), 841	

Revdite	$\text{Na}_{16}\text{Si}_{16}\text{O}_{27}(\text{OH})_{26}\cdot 28\text{H}_2\text{O}$	A	1979-082	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 565	<i>Kristallografiya</i> <b>37</b> (1992), 1177
Reyerite	$\text{Na}_2\text{Ca}_{14}\text{Al}_2\text{Si}_{22}\text{O}_{58}(\text{OH})_8\cdot 6\text{H}_2\text{O}$	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	$\text{Pb}_2\text{Mn}^{4+}_2\text{O}_5(\text{CrO}_4)$	A	2011-051	USA / Australia	<i>American Mineralogist</i> <b>97</b> (2012), 1187	
Rhabdophane-(Ce)	$\text{Ce}(\text{PO}_4)\cdot \text{H}_2\text{O}$	Rn	1987 s.p.	United Kingdom	<i>Zeitschrift für Kristallographie, Mineralogie und Petrographie</i> <b>3</b> (1878), 191	
Rhabdophane-(La)	$\text{La}(\text{PO}_4)\cdot \text{H}_2\text{O}$	Rn	1987 s.p.	USA	<i>American Journal of Science</i> <b>25</b> (1883), 459	
Rhabdophane-(Nd)	$\text{Nd}(\text{PO}_4)\cdot \text{H}_2\text{O}$	Rn	1966 s.p.	USA	<i>Geological Society of America Bulletin</i> <b>68</b> (1957), 1744	
Rhabdophane-(Y)	$\text{Y}(\text{PO}_4)\cdot \text{H}_2\text{O}$	A	2011-031	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>107</b> (2012), 110	
Rheniite	$\text{ReS}_2$	A	1999-004a	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>134(5)</b> (2005), 32	
Rhodarsenide	$\text{Rh}_2\text{As}$	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	$(\text{Cu},\text{Ag})_2\text{FeSn}_3\text{S}_8$	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	$(\text{H}_5\text{O}_2)\text{Fe}^{3+}(\text{SO}_4)_2\cdot 2\text{H}_2\text{O}$	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 Palaontologie</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
Richellite	$\text{CaFe}^{3+}_2(\text{PO}_4)_2(\text{OH},\text{F})_2$	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
Richetite	$(\text{Fe}^{3+},\text{Mg})_x\text{Pb}^{2+}_{8,6}(\text{UO}_2)_{36}\text{O}_{36}(\text{OH})_{24}\cdot 41\text{H}_2\text{O}$	G	1947	Democratic Republic of the Congo	<i>Annales de la Société Géologique de Belgique</i> <b>70</b> (1947), B212	<i>Canadian Mineralogist</i> <b>36</b> (1998), 187
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> (1964), 31
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	$\text{TiNa}_2\text{Ca}_4\text{REE}(\text{Si}_2\text{O}_7)_2\text{OF}_3$	Rd	2009 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
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
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	$\text{Ca}_5\text{Si}_6\text{O}_{16}(\text{OH})_2\cdot 2\text{H}_2\text{O}$	G	1917	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
Roebblingite	$\text{Ca}_6\text{Mn}^{2+}\text{Pb}_2(\text{Si}_3\text{O}_9)_2(\text{SO}_4)_2(\text{OH})_2\cdot 4\text{H}_2\text{O}$	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



Romarchite	SnO	A	1969-006	Canada	<i>Canadian Mineralogist</i> <b>10</b> (1971), 916	<i>Acta Crystallographica</i> <b>B36</b> (1980), 2763
Römerite	Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ·14H <sub>2</sub> 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	Ca <sub>8</sub> Mg(SiO <sub>4</sub> ) <sub>4</sub> Cl <sub>2</sub>	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	Pb <sub>2</sub> (Si <sub>4</sub> Al)O <sub>11</sub> (OH)	A	2010-055	USA	<i>American Mineralogist</i> <b>98</b> (2013), 236	
Ronneburgite	K <sub>2</sub> MnV <sub>4</sub> O <sub>12</sub>	A	1998-069	Germany	<i>American Mineralogist</i> <b>86</b> (2001), 1081	
Röntgenite-(Ce)	Ca <sub>2</sub> Ce <sub>3</sub> (CO <sub>3</sub> ) <sub>5</sub> F <sub>3</sub>	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	Bi(AsO <sub>4</sub> )	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	CuInS <sub>2</sub>	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	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	CuZn(CO <sub>3</sub> )(OH) <sub>2</sub>	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	Ca <sub>2</sub> Mn <sup>2+</sup> <sub>5</sub> Be <sub>4</sub> (PO <sub>4</sub> ) <sub>6</sub> (OH) <sub>4</sub> ·6H <sub>2</sub> 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	KV <sup>3+</sup> <sub>2</sub> (Si <sub>3</sub> Al)O <sub>10</sub> (OH) <sub>2</sub>	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	Ca <sub>2</sub> Co(AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> 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	Ca <sub>2</sub> Co(AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	G	1955	Germany	<i>American Mineralogist</i> <b>40</b> (1955), 828	<i>Zeitschrift für Kristallographie</i> <b>219</b> (2004), 341
Rosemaryite	NaMn <sup>2+</sup> Fe <sup>3+</sup> Al(PO <sub>4</sub> ) <sub>3</sub>	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	AlF[F <sub>0.5</sub> (H <sub>2</sub> O) <sub>0.5</sub> ] <sub>4</sub> ·H <sub>2</sub> 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	Na <sub>6</sub> Ca <sub>6</sub> Zr <sub>3</sub> Ti(Si <sub>2</sub> O <sub>7</sub> ) <sub>4</sub> O <sub>2</sub> F <sub>6</sub>	G	1887	Norway	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>109</b> (1887), 247	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1203
Rosenhahnite	Ca <sub>3</sub> Si <sub>3</sub> O <sub>8</sub> (OH) <sub>2</sub>	A	1965-030	USA	<i>American Mineralogist</i> <b>52</b> (1967), 336	<i>American Mineralogist</i> <b>62</b> (1977), 503
Roshchinite	(Ag,Cu) <sub>19</sub> Pb <sub>10</sub> Sb <sub>51</sub> S <sub>96</sub>	A	1989-006	Kazakhstan	<i>Doklady Akademii Nauk SSSR</i> <b>312</b> (1990), 197	
Rosiaite	PbSb <sub>2</sub> O <sub>6</sub>	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	[Pb,Cu,Al,PO <sub>4</sub> ,H <sub>2</sub> O] (?)	Q	1910	France	<i>Minéralogie de la France ed des ses colonies, Vol. 4. Beranger, Paris</i> (1910), 532	
Rossiantonite	Al <sub>3</sub> (PO <sub>4</sub> )(SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>14</sub>	A	2012-056	Venezuela	<i>CNMNC Newsletter 15 - Mineralogical Magazine</i> <b>77</b> (2013), 1	

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	$\text{Mg}(\text{AsO}_3\text{OH}) \cdot 7\text{H}_2\text{O}$	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	$\square(\text{Al}_2\text{Li})\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	A	1996-018	Czech Republic	<i>American Mineralogist</i> <b>83</b> (1998), 896	
Rostite	$\text{Al}(\text{SO}_4)(\text{OH}) \cdot 5\text{H}_2\text{O}$	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	$\text{Cu}_2(\text{NO}_3)(\text{OH})_3$	A	1999-010	France	<i>Rivière Scientifique</i> <b>85</b> (2001), 3	<i>Zeitschrift für Kristallographie</i> <b>165</b> (1983), 127
Roubaultite	$\text{Cu}_2\text{O}_2(\text{UO}_2)_3(\text{CO}_3)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	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	$(\text{Nb}, \text{Ti})(\text{Ca}, \text{Na}, \square)_3(\text{Ca}, \text{REE})_4(\text{Si}_2\text{O}_7)_2(\text{OH})\text{F}_3$	A	2008-024	Guinea	<i>Canadian Mineralogist</i> <b>48</b> (2010), 17	
Rouseite	$\text{Pb}_2\text{Mn}^{2+}(\text{AsO}_3)_2 \cdot 2\text{H}_2\text{O}$	A	1984-071	Sweden	<i>American Mineralogist</i> <b>71</b> (1986), 1034	
Routhierite	$\text{TlCuHg}_2\text{As}_2\text{S}_6$	A	1973-030	France	<i>Bulletin de la Société Française de Minéralogie et de Cristallographie</i> <b>97</b> (1974), 48	<i>Acta Crystallographica</i> <b>C64</b> (2008), i95
Rouvilleite	$\text{Na}_3\text{CaMn}^{2+}(\text{CO}_3)_3\text{F}$	A	1989-050	Canada	<i>Canadian Mineralogist</i> <b>29</b> (1991), 107	<i>Soviet Physics - Crystallography</i> <b>36</b> (1991), 14
Rouxelite	$\text{Cu}_2\text{HgPb}_{22}\text{Sb}_{28}\text{S}_{64}(\text{O}, \text{S})_2$	A	2002-062	Italy	<i>Canadian Mineralogist</i> <b>43</b> (2005), 919	
Roweite	$\text{Ca}_2\text{Mn}^{2+}_2\text{B}_4\text{O}_7(\text{OH})_6$	G	1937	USA	<i>American Mineralogist</i> <b>22</b> (1937), 301	<i>American Mineralogist</i> <b>59</b> (1974), 60
Rowlandite-(Y)	$\text{Fe}^{2+}\text{Y}_4(\text{Si}_2\text{O}_7)_2\text{F}_2$	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
Roxbyite	$\text{Cu}_9\text{S}_5$	A	1986-010	Australia	<i>Mineralogical Magazine</i> <b>52</b> (1988), 323	<i>Canadian Mineralogist</i> <b>50</b> (2012), 423
Rozenite	$\text{Fe}^{2+}(\text{SO}_4) \cdot 4\text{H}_2\text{O}$	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
Ruffite	$\text{Ca}_2\text{Cu}(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	A	2009-077	Chile	<i>Canadian Mineralogist</i> <b>49</b> (2011), 877	
Ruarsite	$\text{RuAsS}$	A	1980 s.p.	China	<i>Kexue Tongbao</i> <b>24</b> (1979), 310	
Rubicline	$\text{Rb}(\text{AlSi}_3\text{O}_8)$	A	1996-058	Italy	<i>American Mineralogist</i> <b>83</b> (1998), 1335	<i>Mineralogical Magazine</i> <b>65</b> (2001), 523
Rucklidgeite	$\text{PbBi}_2\text{Te}_4$	A	1975-029	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>106</b> (1977), 62	
Rudashevskyite	$(\text{Fe}, \text{Zn})\text{S}$	A	2005-017	Azerbaijan (meteorite)	<i>American Mineralogist</i> <b>93</b> (2008), 902	
Rudenkoite	$\text{Sr}_3\text{Al}_{3.5}\text{Si}_{3.5}\text{O}_{10}(\text{OH}, \text{O})_8\text{Cl}_2 \cdot \text{H}_2\text{O}$	A	2003-060	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>133(3)</b> (2004), 37	
Ruifrancoite	$\text{Ca}_2(\square, \text{Mn})_2(\text{Fe}^{3+}, \text{Mn}, \text{Mg})_4\text{Be}_4(\text{PO}_4)_6(\text{OH})_6 \cdot 4\text{H}_2\text{O}$	A	2005-061a	Brazil	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1263	
Ruitenbergitte	$\text{Ca}_9\text{B}_{26}\text{O}_{34}(\text{OH})_{24}\text{Cl}_4 \cdot 13\text{H}_2\text{O}$	A	1992-011	Canada	<i>Canadian Mineralogist</i> <b>31</b> (1993), 795	<i>Canadian Mineralogist</i> <b>32</b> (1994), 1
Ruizite	$\text{Ca}_2\text{Mn}^{3+}_2\text{Si}_4\text{O}_{11}(\text{OH})_4 \cdot 2\text{H}_2\text{O}$	A	1977-007	USA	<i>Mineralogical Magazine</i> <b>41</b> (1977), 429	<i>American Mineralogist</i> <b>70</b> (1985), 171
Rumseyite	$[\text{Pb}_2\text{OF}]\text{Cl}$	A	2011-091	United Kingdom	<i>Mineralogical Magazine</i> <b>76</b> (2012), 1247	
Rusakovite	$(\text{Fe}, \text{Al})_5(\text{VO}_4)_2(\text{OH})_9 \cdot 3\text{H}_2\text{O}$	A	1962 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>89</b> (1960), 440	

Rusinovite	$\text{Ca}_{10}(\text{Si}_2\text{O}_7)_3\text{Cl}_2$	A	2010-072	Russia	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 837	
Russellite	$\text{Bi}_2\text{WO}_6$	G	1938	United Kingdom	<i>Mineralogical Magazine</i> <b>25</b> (1938), 41	<i>Mineralogical Magazine</i> <b>56</b> (1992), 399
Rustenburgite	$\text{Pt}_3\text{Sn}$	A	1974-040	South Africa	<i>Canadian Mineralogist</i> <b>13</b> (1975), 146	
Rustumite	$\text{Ca}_{10}(\text{Si}_2\text{O}_7)_2(\text{SiO}_4)(\text{OH})_2\text{Cl}_2$	A	1964-004	United Kingdom	<i>Mineralogical Magazine</i> <b>34</b> (1965), 1	<i>American Mineralogist</i> <b>98</b> (2013), 493
Ruthenarsenite	$(\text{Ru},\text{Ni})\text{As}$	A	1973-020	Papua New Guinea	<i>Canadian Mineralogist</i> <b>12</b> (1974), 280	
Rutheniridosmine	$(\text{Ir},\text{Os},\text{Ru})$	Rd	1973 s.p.	Japan	<i>Canadian Mineralogist</i> <b>12</b> (1973), 104	<i>Canadian Mineralogist</i> <b>29</b> (1991), 231
Ruthenium	$\text{Ru}$	A	1974-013	Japan	<i>Mineralogical Journal</i> <b>7</b> (1974), 438	
Rutherfordine	$(\text{UO}_2)(\text{CO}_3)$	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	$\text{TiO}_2$	G	1803	Spain	Handbuch der Mineralogie, Vol. 1. Crusius, Leipzig (1803), 305	<i>Zeitschrift für Kristallographie</i> <b>194</b> (1991), 305
Rynersonite	$\text{CaTa}_2\text{O}_6$	A	1974-058	USA	<i>American Mineralogist</i> <b>63</b> (1978), 709	<i>Acta Chemica Scandinavica</i> <b>17</b> (1963), 2548
Sabatierite	$\text{Cu}_6\text{TlSe}_4$	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	$\text{Cu}_2\text{Zn}(\text{AsO}_4)(\text{OH})_3$	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	$(\text{NH}_4)\text{Fe}^{3+}(\text{SO}_4)_2$	A	1982-088	South Africa	<i>Annals of the Geological Survey of South Africa</i> <b>17</b> (1983), 29	
Sabinaite	$\text{Na}_4\text{TiZr}_2\text{O}_4(\text{CO}_3)_4$	A	1978-071	Canada	<i>Canadian Mineralogist</i> <b>19</b> (1980), 25	<i>Canadian Mineralogist</i> <b>34</b> (1996), 811
Sabugalite	$\text{HAl}(\text{UO}_2)_4(\text{PO}_4)_4 \cdot 16\text{H}_2\text{O}$	G	1953	Portugal	<i>American Mineralogist</i> <b>36</b> (1951), 671	<i>Physics and Chemistry of Minerals</i> <b>9</b> (1983), 23
Sacrofanite	$(\text{Na},\text{Ca})_{98}(\text{Si}_{84}\text{Al}_{84}\text{O}_{336})(\text{SO}_4)_{26}\text{Cl}_2 \cdot 8\text{H}_2\text{O}$	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	$\text{NaCa}_2(\text{Mg}_3\text{Al}_2)(\text{Si}_5\text{Al}_3)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Japan	<i>European Journal of Mineralogy</i> <b>16</b> (2004), 177	<i>Canadian Mineralogist</i> <b>46</b> (2008), 151
Saddlebackite	$\text{Pb}_2\text{Bi}_2\text{Te}_2\text{S}_3$	A	1994-051	Australia	<i>Australian Journal of Mineralogy</i> <b>3</b> (1997), 119	
Safflorite	$\text{CoAs}_2$	G	1835	Germany	<i>Journal für Praktische Chemie</i> <b>4</b> (1835), 249	<i>Acta Crystallographica</i> <b>E64</b> (2008), i62
Sahamallite-(Ce)	$\text{Ce}_2\text{Mg}(\text{CO}_3)_4$	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	$\text{Pb}_{14}\text{O}_9(\text{AsO}_4)_2\text{Cl}_4$	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	$(\text{Ca},\text{Na},\square)_2\text{Mn}^{3+}_3\text{O}_2(\text{AsO}_4)_2(\text{CO}_3) \cdot 3\text{H}_2\text{O}$	A	2000-005	Germany	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 555	
Sainfeldite	$\text{Ca}_5(\text{AsO}_4)_2(\text{AsO}_3\text{OH})_2 \cdot 4\text{H}_2\text{O}$	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	$\text{Ca}_{48}\text{Mg}_{16}\text{Al}(\text{SiO}_3\text{OH})_4(\text{CO}_3)_{16}(\text{BO}_3)_{28} \cdot (\text{H}_2\text{O})_3(\text{HCl})_3$	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	$(\text{Cu},\text{Zn},\text{Fe},\text{In},\text{Sn})\text{S}$	A	1965-017	Japan	<i>Chigaku Kenkyu (Earth Science Studies)</i> , Sakurai volume (1965), 1	<i>Canadian Mineralogist</i> <b>24</b> (1986), 679
Salammoniac	$(\text{NH}_4)\text{Cl}$	Rn	2007 s.p.	Italy	<i>De Re Metallica Libri XII</i> . Froben, Basel (1556)	<i>Trudy Instituta Kristallografii Akademiya Nauk SSSR</i> <b>12</b> (1956), 18

Saléeite	Mg(UO <sub>2</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> ·10H <sub>2</sub> O	G	1932	Germany	<i>Bulletin de la Société Belge de Géologie</i> <b>42</b> (1932), 96	<i>Crystallography Reports</i> <b>53</b> (2008), 764
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>78</b> (1993), 419
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	Na <sub>2</sub> (Mn <sup>2+</sup> ,Mn <sup>3+</sup> ) <sub>10</sub> V <sup>5+</sup> Si <sub>11</sub> O <sub>34</sub> (OH) <sub>4</sub>	A	1979-060	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 161	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>138</b> (1980), 333
Sanguite	KCuCl <sub>3</sub>	A	2013-002	Russia	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
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	Al <sub>2</sub> (PO <sub>4</sub> )(SO <sub>4</sub> )(OH)·9H <sub>2</sub> O	A	1966-043	Argentina	<i>American Mineralogist</i> <b>53</b> (1968), 1	<i>Canadian Mineralogist</i> <b>49</b> (2011), 835
Sanmartinite	Zn(WO <sub>4</sub> )	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	Na <sub>2</sub> CaPb <sub>3</sub> (CO <sub>3</sub> ) <sub>5</sub>	A	2006-009	Chile	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>183</b> (2007), 117	
Santabarbaraite	Fe <sup>3+</sup> <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>3</sub> ·5H <sub>2</sub> O	A	2000-052	Italy	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 185	
Santaclaraite	CaMn <sup>2+</sup> <sub>4</sub> Si <sub>5</sub> O <sub>14</sub> (OH) <sub>2</sub> ·H <sub>2</sub> O	A	1979-005	USA	<i>American Mineralogist</i> <b>69</b> (1984), 200	<i>American Mineralogist</i> <b>66</b> (1981), 154
Santafeite	(Ca,Sr,Na) <sub>3</sub> (Mn <sup>2+</sup> ,Fe <sup>3+</sup> ) <sub>2</sub> Mn <sup>4+</sup> <sub>2</sub> (VO <sub>4</sub> ) <sub>4</sub> (OH,O) <sub>5</sub> ·2H <sub>2</sub> O	G	1958	USA	<i>American Mineralogist</i> <b>43</b> (1958), 677	<i>Mineralogical Magazine</i> <b>50</b> (1986), 299
Santanaite	Pb <sub>11</sub> CrO <sub>16</sub>	A	1971-035	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1972), 455	
Santarosaite	CuB <sub>2</sub> O <sub>4</sub>	A	2007-013	Chile	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>185</b> (2008), 27	
Santite	KB <sub>5</sub> O <sub>6</sub> (OH) <sub>4</sub> ·2H <sub>2</sub> O	A	1969-004	Italy	<i>Contributions to Mineralogy and Petrology</i> <b>27</b> (1970), 159	<i>Zeitschrift für Kristallographie</i> <b>98</b> (1937), 266
Saponite	(Ca,Na) <sub>0.3</sub> (Mg,Fe) <sub>3</sub> (Si,Al) <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> ·4H <sub>2</sub> O	G	1840	United Kingdom	<i>Kungliga Svenska Vetenskaps-Akademiens Handlingar</i> (1840), 153	

Sapphirine	$Mg_4(Mg_3Al_9)O_4[Si_3Al_9O_{36}]$	G	1819	Denmark (Greenland)	Göttingische Gelehrte Anzeigen. Weidmannsche, Berlin (1819), 1994	<i>Contributions to Mineralogy and Petrology</i> <b>68</b> (1979), 357
Sarabauite	$Sb_4S_6 \cdot CaSb_6O_{10}$	A	1976-035	Malaysia	<i>American Mineralogist</i> <b>63</b> (1978), 715	<i>Acta Crystallographica</i> <b>B34</b> (1978), 3569
Sarcolite	$Na_4Ca_{12}Al_8Si_{12}O_{46}(SiO_4, PO_4)(OH, H_2O)_4(CO_3, Cl)$	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	$Fe^{2+}_3(PO_4)_2$	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	$BiMo_2O_7(OH) \cdot 2H_2O$	A	2008-040	Italy	<i>Mineralogy and Petrology</i> <b>100</b> (2010), 17	
Sarkinite	$Mn^{2+}_2(AsO_4)(OH)$	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	$Fe^{3+}_2(AsO_4)(SO_4)(OH) \cdot 5H_2O$	G	1941	Argentina	<i>Notulae Naturae of the Academy of Natural Sciences of Philadelphia</i> (1941), 92	<i>American Mineralogist</i> <b>53</b> (1968), 2077
Sarrabusite	$Pb_5CuCl_4(SeO_3)_4$	A	1997-046a	Italy	<i>Acta Crystallographica</i> <b>B68</b> (2012), 15	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1493
Sartorite	$PbAs_2S_4$	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)	$Ca(Y, Th)Al_5(SiO_4)_2(PO_4)_2(OH)_7 \cdot 6H_2O$	A	1987 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>93</b> (1964), 147	
Sasaite	$Al_6(PO_4)_5(OH)_3 \cdot 36H_2O$	A	1977-033	South Africa	<i>Mineralogical Magazine</i> <b>42</b> (1978), 401	
Sassolite	$B(OH)_3$	G	1808	Italy	Mineralogische Tabellen mit Rücksicht auf die neuesten Entdeckungen ausgearbeitet und mit erläuternden Anmerkungen versehen. Rottmann, Berlin (1808), 75	<i>Acta Crystallographica</i> <b>B42</b> (1986), 545
Satimolite	$KNa_2Al_4(B_2O_5)_3Cl_3 \cdot 13H_2O$	A	1967-023	Kazakhstan	<i>Trudy Mineralogicheskogo Muzeya Akademii Nauk SSSR</i> <b>19</b> (1969), 121	
Satpaevite	$Al_{12}(V^{4+}, V^{5+})_8O_{37} \cdot 30H_2O$ (?)	Q	1959	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>88</b> (1959), 157	
Satterlyite	$(Fe^{2+}, Mg, Fe^{3+})_{12}(PO_3OH)(PO_4)_5(OH, O)_6$	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	$Na_{0.3}Zn_3(Si, Al)_4O_{10}(OH)_2 \cdot 4H_2O$	G	1875	USA	<i>Pennsylvania Geological Survey</i> <b>2</b> (1875), 1	<i>American Mineralogist</i> <b>36</b> (1951), 795
Sayrite	$Pb_2(UO_2)_5O_6(OH)_2 \cdot 4H_2O$	A	1982-050	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>106</b> (1983), 299	
Sazhinite-(Ce)	$Na_3CeSi_6O_{15} \cdot 2H_2O$	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)	$Na_3LaSi_6O_{15} \cdot 2H_2O$	A	2002-042a	Namibia	<i>Mineralogical Magazine</i> <b>70</b> (2006), 405	
Sazykinaite-(Y)	$Na_5YZrSi_6O_{18} \cdot 6H_2O$	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
Scandiobabingtonite	$(\text{Ca},\text{Na})_2(\text{Fe}^{2+},\text{Mn})(\text{Sc},\text{Fe}^{3+})\text{Si}_5\text{O}_{14}(\text{OH})$	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	$\text{NaMn}_9\text{VSi}_9\text{O}_{28}(\text{OH})_4$	A	2004-044	Switzerland	<i>American Mineralogist</i> <b>91</b> (2006), 937	
Schiavinatoite	$\text{Nb}(\text{BO}_4)$	A	1999-051	Madagascar	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 159	
Schieffelinite	$\text{Pb}_{10}\text{Te}^{6+}_6\text{O}_{20}(\text{OH})_{14}(\text{SO}_4)(\text{H}_2\text{O})_5$	A	1979-043	USA	<i>Mineralogical Magazine</i> <b>43</b> (1980), 771	<i>American Mineralogist</i> <b>97</b> (2012), 212
Schindlerite	$\{[\text{Na}_2(\text{H}_2\text{O})_{10}](\text{H}_3\text{O})_4\}\{\text{V}_{10}\text{O}_{28}\}$	A	2012-063	USA	<i>Canadian Mineralogist</i> <b>51</b> (2013), 297	
Schlegelite	$\text{Bi}_7\text{O}_4(\text{MoO}_4)_2(\text{AsO}_4)_3$	A	2003-051	Germany	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 803	
Schlemaite	$(\text{Cu},\square)_6(\text{Pb},\text{Bi})\text{Se}_4$	A	2003-026	Germany	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1433	
Schlossmacherite	$(\text{H}_3\text{O})\text{Al}_3(\text{SO}_4)_2(\text{OH})_6$	Rd	1979-028	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1980), 215	
Schlüterite-(Y)	$(\text{Y},\text{REE})_2\text{AlSi}_2\text{O}_7(\text{OH})_2\text{F}$	A	2012-015	Norway	<i>Mineralogical Magazine</i> <b>77</b> (2013), 353	
Schmiederite	$\text{Cu}_2\text{Pb}_2(\text{Se}^{4+}\text{O}_3)(\text{Se}^{6+}\text{O}_4)(\text{OH})_4$	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	$(\text{UO}_2)(\text{Te}^{4+}\text{O}_3)$	A	1967-045	Mexico	<i>American Mineralogist</i> <b>56</b> (1971), 411	<i>Acta Crystallographica</i> <b>B29</b> (1973), 1251
Schneebergite	$\text{BiCo}_2(\text{AsO}_4)_2(\text{OH}) \cdot \text{H}_2\text{O}$	A	1999-027	Germany	<i>European Journal of Mineralogy</i> <b>14</b> (2002), 115	

Schneiderhöhnite	$\text{Fe}^{2+}\text{Fe}^{3+}_3\text{As}^{3+}_5\text{O}_{13}$	A	1973-046	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1973), 517	<i>Canadian Mineralogist</i> <b>23</b> (1985), 675
Schoderite	$\text{Al}_2(\text{PO}_4)(\text{VO}_4)\cdot 8\text{H}_2\text{O}$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>47</b> (1962), 637	<i>American Mineralogist</i> <b>64</b> (1979), 713
Schoenfliesite	$\text{MgSn}(\text{OH})_6$	A	1968-008	USA	<i>Zeitschrift für Kristallographie</i> <b>134</b> (1971), 116	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1203
Schoepite	$(\text{UO}_2)_8\text{O}_2(\text{OH})_{12}\cdot 12\text{H}_2\text{O}$	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	$\text{Na}_{0.3}\text{CrS}_2\cdot \text{H}_2\text{O}$	A	1984-043	USA (meteorite)	<i>American Mineralogist</i> <b>70</b> (1985), 638	
Scholzite	$\text{CaZn}_2(\text{PO}_4)_2\cdot 2\text{H}_2\text{O}$	G	1948	Germany	<i>Fortschritte der Mineralogie</i> <b>27</b> (1948), 31	<i>Zeitschrift für Kristallographie</i> <b>198</b> (1992), 239
Schoonerite	$\text{ZnMn}^{2+}\text{Fe}^{2+}_2\text{Fe}^{3+}(\text{PO}_4)_3(\text{OH})_2\cdot 9\text{H}_2\text{O}$	A	1976-021	USA	<i>American Mineralogist</i> <b>62</b> (1977), 246	<i>American Mineralogist</i> <b>62</b> (1977), 250
Schorl	$\text{NaFe}^{2+}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	Rn	2007 s.p.	Germany	original paper?	<i>American Mineralogist</i> <b>90</b> (2005), 1784
Schorlomite	$\text{Ca}_3\text{Ti}_2(\text{SiFe}^{3+}_2)\text{O}_{12}$	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	$(\text{Fe},\text{Ni})_3\text{P}$	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	$\text{V}^{3+}_2\text{Ti}^{4+}_3\text{O}_9$	A	1976-004	Kenya	<i>Naturwissenschaften</i> <b>63</b> (1976), 293	<i>American Mineralogist</i> <b>91</b> (2006), 196
Schröckingerite	$\text{NaCa}_3(\text{UO}_2)(\text{SO}_4)(\text{CO}_3)_3\text{F}\cdot 10\text{H}_2\text{O}$	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	$\text{Fe}^{3+}(\text{V}^{5+}\text{O}_4)\cdot \text{H}_2\text{O}$	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	$\text{Hg}_3\text{O}_2(\text{SO}_4)$	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 1026	<i>Acta Crystallographica</i> <b>E57</b> (2001), i98
Schullingite-(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	$(\text{Cu},\text{Zn})_7(\text{SO}_4)_2(\text{OH})_{10}\cdot 3\text{H}_2\text{O}$	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	$\text{Ba}_2\text{Na}(\text{Mn},\text{Ca})(\text{Fe}^{3+},\text{Mg},\text{Fe}^{2+})_2\text{Ti}_2(\text{Si}_2\text{O}_7)_2(\text{O},\text{F})_4$	A	2010-035	Germany	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140(1)</b> (2011), 36	
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	<i>A System of Mineralogy</i> , 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
Sciarite	$\text{Zn}_7(\text{CO}_3)_2(\text{OH})_{10}$	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	<i>Handbuch der Mineralogie von C.A.S. Hoffmann</i> , 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	Pb(S <sup>4+</sup> O <sub>3</sub> )	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	BaCu <sub>2</sub> Si <sub>2</sub> O <sub>7</sub>	A	2012-027	South Africa	<i>American Mineralogist</i> <b>98</b> (2013), 478	
Scrutinyite	PbO <sub>2</sub>	A	1984-061	USA	<i>Canadian Mineralogist</i> <b>26</b> (1988), 905	
Seamanite	Mn <sup>2+</sup> <sub>3</sub> B(OH) <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	G	1930	USA	<i>American Mineralogist</i> <b>15</b> (1930), 220	<i>Canadian Mineralogist</i> <b>40</b> (2002), 923
Searlesite	NaBSi <sub>2</sub> O <sub>5</sub> (OH) <sub>2</sub>	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	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	U <sup>4+</sup> (MoO <sub>4</sub> ) <sub>2</sub>	A	1968 s.p.	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>94</b> (1965), 548	
Seeligerite	Pb <sub>3</sub> (IO <sub>4</sub> )Cl <sub>3</sub>	A	1970-036	Chile	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1971), 210	<i>Mineralogical Magazine</i> <b>72</b> (2008), 771
Seelite	Mg(UO <sub>2</sub> ) <sub>2</sub> (AsO <sub>3</sub> ,AsO <sub>4</sub> ) <sub>2</sub> ·7H <sub>2</sub> 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	CaMgFe <sup>3+</sup> (PO <sub>4</sub> ) <sub>2</sub> (OH)·4H <sub>2</sub> O	A	1973-023	USA	<i>American Mineralogist</i> <b>59</b> (1974), 48	<i>American Mineralogist</i> <b>62</b> (1977), 692
Segnitite	PbFe <sup>3+</sup> <sub>3</sub> (AsO <sub>4</sub> )(AsO <sub>3</sub> OH)(OH) <sub>6</sub>	A	1991-017	Australia	<i>American Mineralogist</i> <b>77</b> (1992), 656	
Seidite-(Ce)	Na <sub>4</sub> (Ce,Sr) <sub>2</sub> TiSi <sub>8</sub> O <sub>18</sub> (O,OH,F) <sub>6</sub> ·5H <sub>2</sub> 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	Na <sub>4</sub> MnZr <sub>2</sub> Ti(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> O <sub>2</sub> F <sub>2</sub>	G	1958	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>87</b> (1958), 590	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1203
Seifertite	SiO <sub>2</sub>	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
Seinäjokite	FeSb <sub>2</sub>	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)	Y <sub>2</sub> [(UO <sub>2</sub> ) <sub>6</sub> O <sub>6</sub> (SO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> ]·26H <sub>2</sub> O	A	2009-008	Czech Republic	<i>American Mineralogist</i> <b>96</b> (2011), 983	
Sekaninaite	Fe <sup>2+</sup> <sub>2</sub> Al <sub>4</sub> Si <sub>5</sub> O <sub>18</sub>	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
Selenojalpaite	Ag <sub>3</sub> CuSe <sub>2</sub>	A	2004-048	Sweden	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1373	
Selenopolybasite	Cu(Ag,Cu) <sub>6</sub> Ag <sub>9</sub> Sb <sub>2</sub> (S,Se) <sub>9</sub> Se <sub>2</sub>	A	2006-053	USA	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1525	<i>Acta Crystallographica</i> <b>B62</b> (2006), 768
Selenostephanite	Ag <sub>5</sub> Sb(Se,S) <sub>4</sub>	A	1982-028	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>114</b> (1985), 627	
Seligmannite	CuPbAsS <sub>3</sub>	G	1901	Switzerland	<i>Sitzungsberichte der Königlich Preussischen Akademie der Wissenschaften</i> (1901), 110	<i>Zeitschrift für Kristallographie</i> <b>131</b> (1970), 397
Sellaite	MgF <sub>2</sub>	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	NaKBeZr <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> ·2H <sub>2</sub> O	A	1993-037	Australia	<i>Canadian Mineralogist</i> <b>33</b> (1995), 55	
Semenovite-(Ce)	(Na,Ca) <sub>9</sub> Fe <sup>2+</sup> Ce <sub>2</sub> (Si,Be) <sub>20</sub> (O,OH,F) <sub>48</sub>	A	1971-036	Denmark (Greenland)	<i>Lithos</i> <b>5</b> (1972), 163	<i>American Mineralogist</i> <b>64</b> (1979), 202



Semseyite	$Pb_9Sb_8S_{21}$	G	1881	Romania	<i>Magyar Tudományos Akadémia Értésítője</i> <b>15</b> (1881), 111	<i>American Mineralogist</i> <b>59</b> (1974), 1127
Senaite	$Pb(Mn, Y, U)(Fe, Zn)_2(Ti, Fe, Cr, V)_{18}(O, OH)_{38}$	G	1898	Brazil	<i>Mineralogical Magazine</i> <b>12</b> (1898), 30	<i>European Journal of Mineralogy</i> <b>2</b> (1990), 163
Sénarmontite	$Sb_2O_3$	G	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	$Al_2(PO_4)(OH)_3 \cdot H_2O$	A	1975-004	Senegal	<i>Lithos</i> <b>9</b> (1976), 165	<i>American Mineralogist</i> <b>64</b> (1979), 1243
Sengierite	$Cu_2(UO_2)_2(VO_4)_2(OH)_2 \cdot 6H_2O$	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	$CsNaKCa_2TiOSi_7O_{18}(OH)$	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	$Mg_4Si_6O_{15}(OH)_2 \cdot 6H_2O$	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
Sérandite	$NaMn^{2+}_2Si_3O_8(OH)$	G	1931	Guinea	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>192</b> (1931), 187	<i>American Mineralogist</i> <b>85</b> (2000), 745
Serendibite	$Ca_4[Mg_6Al_6]O_4[Si_6B_3Al_3O_{36}]$	G	1903	Sri Lanka	<i>Mineralogical Magazine</i> <b>13</b> (1903), 224	<i>American Mineralogist</i> <b>78</b> (1993), 195
Sergeevite	$Ca_2Mg_{11}(CO_3)_9(HCO_3)_4(OH)_4 \cdot 6H_2O$	A	1979-038	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 217	
Serpierite	$Ca(Cu, Zn)_4(SO_4)_2(OH)_6 \cdot 3H_2O$	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	$Mn(PO_4) \cdot H_2O$	A	1998-006	Brazil	<i>American Mineralogist</i> <b>85</b> (2000), 847	<i>Inorganic Chemistry</i> <b>26</b> (1987), 3544
Sewardite	$CaFe^{3+}_2(AsO_4)_2(OH)_2$	A	2001-054	Namibia	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1191	
Shabaite-(Nd)	$CaNd_2(UO_2)(CO_3)_4(OH)_2 \cdot 6H_2O$	A	1988-005	Democratic Republic of the Congo	<i>European Journal of Mineralogy</i> <b>1</b> (1989), 85	
Shabynite	$Mg_5(BO_3)(OH)_5Cl_2 \cdot 4H_2O$	A	1979-075	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>109</b> (1980), 569	
Shadlunite	$(Fe, Cu)_8(Pb, Cd)S_8$	A	1972-012	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 63	
Shafranovskite	$Na_3K_2(Mn, Fe, Na)_4[Si_9(O, OH)_{27}](OH)_2 \cdot nH_2O$	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	$Hg^{1+}_4Sb^{5+}O_3(OH)_3$	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	$Ni_3Pb_2S_2$	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	$Pb_2O(CO_3)$	A	1993-053	USA	<i>Mineralogical Magazine</i> <b>59</b> (1995), 305	<i>Mineralogical Magazine</i> <b>64</b> (2000), 1063
Sharpite	$Ca(UO_2)_6(CO_3)_5(OH)_4 \cdot 6H_2O$	G	1938	Democratic Republic of the Congo	<i>Bulletin des Séances de l'Institut Royal Colonial Belge</i> <b>9</b> (1938), 133	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 109

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
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	
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
Shimazakiite	$\text{Ca}_2\text{B}_2\text{O}_5$	A	2010-085a	Japan	<i>Mineralogical Magazine</i> <b>77</b> (2013), 93	
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	
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

Sideronatrite	$\text{Na}_2\text{Fe}^{3+}(\text{SO}_4)_2(\text{OH})\cdot 3\text{H}_2\text{O}$	G	1878	Chile	Mineraux du Perou. Chaix, Paris (1878), 233	<i>American Mineralogist</i> <b>94</b> (2009), 1679
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	$\text{Pb}^{2+}_4(\text{S}_2\text{O}_3)\text{O}_2(\text{OH})_2$	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	
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
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	
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	$\text{Li}(\text{Mg,Fe}^{3+},\text{Mn}^{3+})_2(\text{PO}_4)_2$	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	
Simonkolléite	$\text{Zn}_5(\text{OH})_8\text{Cl}_2\cdot \text{H}_2\text{O}$	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	$\text{Ca}(\text{VO})_2(\text{PO}_4)_2\cdot 5\text{H}_2\text{O}$	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>American Mineralogist</i> <b>60</b> (1975), 998
Sinoite	$\text{Si}_2\text{N}_2\text{O}$	A	1967 s.p.	Pakistan	<i>Science</i> <b>146</b> (1964), 256	<i>Acta Crystallographica</i> <b>C47</b> (1991), 2438
Sitinakite	$\text{KNa}_2\text{Ti}_4\text{Si}_2\text{O}_{13}(\text{OH})\cdot 4\text{H}_2\text{O}$	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	$\text{PdCu}$	A	2003-049	Denmark (Greenland)	<i>Mineralogical Magazine</i> <b>68</b> (2004), 615	
Skinnerite	$\text{Cu}_3\text{SbS}_3$	A	1973-035	Denmark (Greenland)	<i>American Mineralogist</i> <b>59</b> (1974), 889	<i>Canadian Mineralogist</i> <b>33</b> (1995), 655
Skippenite	$\text{Bi}_2\text{Se}_2\text{Te}$	A	1986-033	Canada	<i>Canadian Mineralogist</i> <b>25</b> (1987), 625	<i>Canadian Mineralogist</i> <b>42</b> (2004), 835
Sklodowskite	$\text{Mg}(\text{UO}_2)_2(\text{SiO}_3\text{OH})_2\cdot 6\text{H}_2\text{O}$	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	$\text{Ca}_3\text{Zn}_2(\text{PO}_4)_2(\text{CO}_3)(\text{OH})_2\cdot \text{H}_2\text{O}$	A	2005-010	Namibia	<i>European Journal of Mineralogy</i> <b>20</b> (2008), 271	
Skutterudite	$\text{CoAs}_{3-x}$	G	1845	Norway	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 559	<i>Acta Crystallographica</i> <b>B27</b> (1971), 2288
Slavíkite	$(\text{H}_3\text{O})_3\text{Mg}_6\text{Fe}_{15}(\text{SO}_4)_{21}(\text{OH})_{18}\cdot 98\text{H}_2\text{O}$	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	$\text{Cu}_{13}(\text{AsO}_4)_6(\text{AsO}_3\text{OH})_4\cdot 23\text{H}_2\text{O}$	A	2004-038	Czech Republic	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1157	
Slawsonite	$\text{Sr}(\text{Al}_2\text{Si}_2\text{O}_8)$	A	1967-026	USA	<i>American Mineralogist</i> <b>62</b> (1977), 31	
Smirnite	$\text{Bi}^{3+}_2\text{Te}^{4+}\text{O}_5$	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	$(\text{Th,Ca})(\text{PO}_4)\cdot n\text{H}_2\text{O}$	Q	1957	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>86</b> (1957), 607	<i>Mineralogicheskogo Obshchestva</i> <b>122(3)</b> (1993), 79
Smithite	$\text{AgAsS}_2$	G	1905	Switzerland	<i>Mineralogical Magazine</i> <b>14</b> (1905), 72	<i>Naturwissenschaften</i> <b>51</b> (1964), 35
Smithsonite	$\text{Zn}(\text{CO}_3)$	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	$\text{Co}_3\text{Fe}^{3+}_2(\text{AsO}_4)_4\cdot 11\text{H}_2\text{O}$	G	1956	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>109</b> (1956), 849	<i>Mineralogical Magazine</i> <b>41</b> (1977), 385
Smrkovecrite	$\text{Bi}_2\text{O}(\text{OH})(\text{PO}_4)$	A	1993-040	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1996), 97	
Smythite	$(\text{Fe,Ni})_{3+x}\text{S}_4$ ( $x \approx 0-0.3$ )	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	$\text{Na}_{13}\text{Ca}_2\text{Mn}_2\text{Ti}_3(\text{Si}_2\text{O}_7)_2(\text{PO}_4)_4\text{O}_3\text{F}_3$	A	1982-042	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>112</b> (1983), 456	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1527
Sobolevskite	$\text{PdBi}$	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	$\text{Na}_4(\text{Si}_3\text{Al}_3)\text{O}_{12}\text{Cl}$	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	$(\text{UO}_2)_2(\text{SiO}_4) \cdot 2\text{H}_2\text{O}$	G	1922	Democratic Republic of the Congo	<i>Comptes Rendus de l'Académie des Sciences de Paris</i> <b>174</b> (1922), 1066	<i>Acta Crystallographica</i> <b>C48</b> (1992), 1
Sofite	$\text{Zn}_2(\text{Se}^{4+}\text{O}_3)\text{Cl}_2$	A	1987-028	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>118(1)</b> (1989), 65	
Sogdianite	$\text{KZr}_2\text{Li}_3\text{Si}_{12}\text{O}_{30}$	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	$\text{Ga}(\text{OH})_3$	A	1965-022	Namibia	<i>Naturwissenschaften</i> <b>52</b> (1965), 493	<i>American Mineralogist</i> <b>56</b> (1971), 355
Sokolovaite	$\text{CsLi}_2\text{AlSi}_4\text{O}_{10}\text{F}_2$	A	2004-012	Tajikistan	<i>New Data on Minerals</i> <b>41</b> (2006), 5	
Solongoite	$\text{Ca}_2\text{B}_3\text{O}_4(\text{OH})_4\text{Cl}$	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
Sonolite	$\text{Mn}^{2+}_9(\text{SiO}_4)_4(\text{OH})_2$	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	$\text{Fe}^{3+}(\text{Te}^{4+}\text{O}_3)(\text{OH}) \cdot \text{H}_2\text{O}$	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	$\text{Ag}_4\text{Pd}_3\text{Te}_4$	A	1980-101	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 114	<i>Canadian Mineralogist</i> <b>22</b> (1984), 233
Sorbyite	$\text{Pb}_9\text{Cu}(\text{Sb,As})_{11}\text{S}_{26}$	A	1966-032	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 3
Sørensenite	$\text{Na}_4\text{Be}_2\text{Sn}(\text{Si}_3\text{O}_9)_2 \cdot 2\text{H}_2\text{O}$	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	$\text{Cu}_{1+x}(\text{Sn,Sb})$	A	1994-047	Russia	<i>American Mineralogist</i> <b>83</b> (1998), 901	
Sosedkoite	$\text{K}_5\text{Al}_2\text{Ta}_{22}\text{O}_{60}$	A	1981-014	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>264</b> (1982), 442	
Součekite	$\text{CuPbBi}(\text{S,Se})_3$	A	1976-017	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1979), 289	
Souzalite	$\text{Mg}_3\text{Al}_4(\text{PO}_4)_4(\text{OH})_6 \cdot 2\text{H}_2\text{O}$	G	1949	Brazil	<i>American Mineralogist</i> <b>34</b> (1949), 83	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 719
Spadaite	$\text{MgSiO}_2(\text{OH})_2 \cdot \text{H}_2\text{O}$ (?)	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
Spangolite	$\text{Cu}_6\text{Al}(\text{SO}_4)(\text{OH})_{12}\text{Cl} \cdot 3\text{H}_2\text{O}$	G	1890	USA	<i>American Journal of Science</i> <b>39</b> (1890), 370	<i>American Mineralogist</i> <b>78</b> (1993), 649
Spencerite	$\text{Zn}_4(\text{PO}_4)_2(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	G	1916	Canada	<i>Mineralogical Magazine</i> <b>18</b> (1916), 76	<i>Mineralogical Magazine</i> <b>38</b> (1972), 687
Sperrylite	$\text{PtAs}_2$	G	1889	USA	<i>American Journal of Science</i> <b>137</b> (1889), 67	<i>Canadian Mineralogist</i> <b>17</b> (1979), 117
Spertiniite	$\text{Cu}(\text{OH})_2$	A	1980-033	Canada	<i>Canadian Mineralogist</i> <b>19</b> (1981), 337	<i>Acta Crystallographica</i> <b>C46</b> (1990), 2279
Spessartine	$\text{Mn}^{2+}_3\text{Al}_2(\text{SiO}_4)_3$	G	1832	Germany	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 52	<i>American Mineralogist</i> <b>56</b> (1971), 791
Sphaerobstrandite	$\text{Be}_3(\text{SiO}_4)(\text{OH})_2$	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	$\text{Bi}_2\text{O}_3$	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	(NH <sub>4</sub> )Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH)·2H <sub>2</sub> O	A	1977-029	Antarctica	<i>Mineralogical Magazine</i> <b>50</b> (1986), 291	<i>Acta Crystallographica</i> <b>C50</b> (1994), 1379
Spherochalcite	Co(CO <sub>3</sub> )	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	MgAl <sub>2</sub> O <sub>4</sub>	G	1546 ?	unknown	original paper?	<i>American Mineralogist</i> <b>84</b> (1999), 299
Spionkopite	Cu <sub>39</sub> S <sub>28</sub>	A	1978-023	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 511	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1981), 489
Spiroffite	Mn <sup>2+</sup> <sub>2</sub> Te <sup>4+</sup> <sub>3</sub> O <sub>8</sub>	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	LiAlSi <sub>2</sub> O <sub>6</sub>	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	Pb <sub>3</sub> (UO <sub>2</sub> ) <sub>6</sub> O <sub>8</sub> (OH) <sub>2</sub> ·3H <sub>2</sub> O	A	2002-014	Australia	<i>American Mineralogist</i> <b>89</b> (2004), 339	
Springcreekite	BaV <sup>3+</sup> <sub>3</sub> (PO <sub>4</sub> )(PO <sub>3</sub> OH)(OH) <sub>6</sub>	A	1998-048	Australia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1999), 529	
Spurrite	Ca <sub>5</sub> (SiO <sub>4</sub> ) <sub>2</sub> (CO <sub>3</sub> )	G	1908	Mexico	<i>American Journal of Science</i> <b>176</b> (1908), 545	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1489
Srebrodolskite	Ca <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> O <sub>5</sub>	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	Pb(UO <sub>2</sub> ) <sub>4</sub> (BiO) <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>7</sub> ·4H <sub>2</sub> O	A	2004-022	Czech Republic	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>184</b> (2007), 197	
Srilankite	Ti <sub>2</sub> ZrO <sub>6</sub>	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	TiCu(Zn,Fe,Hg) <sub>2</sub> As <sub>2</sub> S <sub>6</sub>	A	1987-024	Switzerland	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>75</b> (1995), 337	
Stančkite	Fe <sup>3+</sup> Mn <sup>2+</sup> O(PO <sub>4</sub> )	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	Ca <sub>4</sub> Mg <sub>5</sub> (PO <sub>4</sub> ) <sub>6</sub>	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	V <sup>4+</sup> O(SO <sub>4</sub> )·6H <sub>2</sub> O	A	1980-042	Peru	<i>Mineralogical Magazine</i> <b>45</b> (1982), 163	
Stannite	Cu <sub>2</sub> FeSnS <sub>4</sub>	G	1832	United Kingdom	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 416	<i>Canadian Mineralogist</i> <b>41</b> (2003), 639
Stannoidite	Cu <sub>8</sub> (Fe,Zn) <sub>3</sub> Sn <sub>2</sub> S <sub>12</sub>	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	Pd <sub>3</sub> Sn <sub>2</sub> (?)	G	1947	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>58</b> (1947), 1137	
Starkeyite	Mg(SO <sub>4</sub> )·4H <sub>2</sub> O	A	1970-014a	USA	<i>Mineralogical Record</i> <b>6</b> (1975), 144	<i>Acta Crystallographica</i> <b>17</b> (1964), 863
Starovaite	KCu <sub>5</sub> O(VO <sub>4</sub> ) <sub>3</sub>	A	2011-085	Russia	<i>European Journal of Mineralogy</i> <b>25</b> (2013), 91	
Staurolite	Fe <sup>2+</sup> <sub>2</sub> Al <sub>9</sub> Si <sub>4</sub> O <sub>23</sub> (OH)	G	1792	unknown	Manuel du Minéralogiste. Cuchet, Paris (1792), 298	<i>Canadian Mineralogist</i> <b>31</b> (1993), 551
Stavelotite-(La)	La <sub>3</sub> Mn <sup>2+</sup> <sub>3</sub> Cu <sup>2+</sup> (Mn <sup>3+</sup> ,Fe <sup>3+</sup> ,Mn <sup>4+</sup> ) <sub>26</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>6</sub> O <sub>30</sub>	A	2004-014	Belgium	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 703	

Steacyite	$K_{0.3}(Na,Ca)_2ThSi_8O_{20}$	A	1981-E	Canada	<i>Canadian Mineralogist</i> <b>20</b> (1982), 59	
Steenstrupine-(Ce)	$Na_{14}Ce_6Mn^{2+}_2Fe^{3+}_2Zr(PO_4)_7Si_{12}O_{36}(OH)_2 \cdot 3H_2O$	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	$Al(VO_4) \cdot 3H_2O$	G	1935	USA	<i>American Mineralogist</i> <b>20</b> (1935), 769	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>116</b> (1987), 100
Steklite	$KAl(SO_4)_2$	A	2011-041	Russia	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
Stellerite	$Ca_4(Si_{26}Al_6)O_{72} \cdot 28H_2O$	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	$CaFe^3Sb^{3+}As^{3+}_2O_7$	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	$Sr_2Al(CO_3)F_5$	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	$NaMgFe^{3+}(C_2O_4)_3 \cdot 8-9H_2O$	A	1967 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>82</b> (1953), 311	
Stephanite	$Ag_5SbS_4$	G	1845	Germany	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 563	<i>Mineralogical Magazine</i> <b>73</b> (2009), 17
Štěpíte	$U(AsO_3OH)_2 \cdot 4H_2O$	A	2012-006	Czech Republic	<i>Mineralogical Magazine</i> <b>77</b> (2013), 137	
Stercorite	$(NH_4)Na(PO_3OH) \cdot 4H_2O$	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	$Mn^{2+}_3(AsO_4)_2 \cdot 3H_2O$	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	$AgFe_2S_3$	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	$Tl_3BiCl_6$	A	2008-014	Italy	<i>Canadian Mineralogist</i> <b>47</b> (2009), 373	
Sterryite	$(Ag,Cu)_2Pb_{10}(Sb,As)_{12}S_{29}$	A	1966-020	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 191	
Stetefeldtite	$Ag_2Sb_2(O,OH)_7$	Q	2013 s.p.	USA	<i>Berg- und Hüttenmännische Zeitung</i> <b>26</b> (1867), 253	
Stetindite	$Ce(SiO_4)$	A	2008-035	Norway	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>186</b> (2009), 195	
Stevensite	$(Ca,Na)_xMg_{3-y}Si_4O_{10}(OH)_2$	Q	1873	USA	<i>American Journal of Science</i> <b>6</b> (1873), 22	<i>American Mineralogist</i> <b>44</b> (1959), 342
Steverustite	$Pb^{2+}_5(OH)_5[Cu^{1+}(S^{6+}O_3S^{2-})_3](H_2O)_2$	A	2008-021	United Kingdom	<i>Mineralogical Magazine</i> <b>73</b> (2009), 235	
Stewartite	$Mn^{2+}Fe^{3+}_2(PO_4)_2(OH)_2 \cdot 8H_2O$	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	$Sb^{3+}Sb^{5+}_2O_6(OH)$	Q	2013 s.p.	Germany	Traité Élémentaire de Minéralogie, 2nd ed. Carilian Jeune, Paris (1837)	
Stibioclaudetite	$AsSbO_3$	A	2007-028	Namibia	<i>Mineralogical Record</i> <b>40</b> (2009), 209	
Stibiocolumbite	$SbNbO_4$	G	1915	USA	A System of Mineralogy, 3rd Appendix. Wiley, New York (1915), 74	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2002), 145
Stibiocolusite	$Cu_{13}V(Sb,Sn,As)_3S_{16}$	A	1991-043	Uzbekistan	<i>Doklady Akademii Nauk</i> <b>324</b> (1992), 411	<i>Resource Geology</i> <b>49</b> (1998), 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	$\text{ZnSe}$	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	$(\text{K,Ca,Na})(\text{Fe,Mg,Al})_8(\text{Si,Al})_{12}(\text{O,OH})_{36}\cdot n\text{H}_2\text{O}$	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	$\text{SnSb}$	A	1969-039	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>99</b> (1970), 68	<i>Inorganic Chemistry</i> <b>48</b> (2009), 5497
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>Mineralogical Magazine</i> <b>33</b> (1963), 615
Stolzite	$\text{Pb}(\text{WO}_4)$	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	$\text{Fe}^{3+}_2\text{Be}_3\text{Si}_6\text{O}_{18}\cdot \text{H}_2\text{O}$	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)	$\text{Na}_6(\text{Ca}_5\text{Na}_3)\text{YMg}_{43}(\text{PO}_4)_{36}$	A	2005-040	Antarctica	<i>American Mineralogist</i> <b>91</b> (2006), 1412	
Stottite	$\text{Fe}^{2+}\text{Ge}(\text{OH})_6$	G	1958	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1958), 85	<i>American Mineralogist</i> <b>73</b> (1988), 657
Straczekite	$(\text{Ca,K,Ba})(\text{V}^{5+},\text{V}^{4+})_8\text{O}_{20}\cdot 3\text{H}_2\text{O}$	A	1983-028	USA	<i>Mineralogical Magazine</i> <b>48</b> (1984), 289	<i>Zeitschrift für Kristallographie</i> <b>162</b> (1983), 263
Strakhovite	$\text{NaBa}_3(\text{Mn}^{2+},\text{Mn}^{3+})_4[\text{Si}_4\text{O}_{10}(\text{OH})_2][\text{Si}_2\text{O}_7]\text{O}_2\cdot (\text{F,OH})\cdot \text{H}_2\text{O}$	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	$\text{CuZn}_2(\text{AsO}_4)_2$	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	$\text{Cu}_4(\text{AsO}_4)_2(\text{OH})_2 \cdot 2.5\text{H}_2\text{O}$	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	$\text{Ca}_2\text{Al}(\text{Si},\text{Al})_2\text{O}_2(\text{OH})_{10} \cdot 2.25\text{H}_2\text{O}$	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	$\text{Na}_2(\text{UO}_2)_2(\text{VO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	1973-063	Kazakhstan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 576	
Strengite	$\text{Fe}^{3+}(\text{PO}_4) \cdot 2\text{H}_2\text{O}$	G	1877	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</i> (1877), 8	<i>Crystal Research and Technology</i> <b>39</b> (2004), 1080
Stringhamite	$\text{CaCu}(\text{SiO}_4) \cdot \text{H}_2\text{O}$	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	$\text{CuAgS}$	G	1832	Czech Republic	Traité Élémentaire de Minéralogie, 2nd ed. Verdière, Paris (1832), 410	<i>Acta Crystallographica</i> <b>B47</b> (1991), 891
Stronadelphite	$\text{Sr}_5(\text{PO}_4)_3\text{F}$	A	2008-009	Russia	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 869	
Stronalsite	$\text{Na}_2\text{SrAl}_4\text{Si}_4\text{O}_{16}$	A	1983-016	Japan	<i>Mineralogical Journal</i> <b>13</b> (1986), 368	<i>Canadian Mineralogist</i> <b>44</b> (2006), 533
Strontianite	$\text{Sr}(\text{CO}_3)$	G	1791	United Kingdom	<i>Bergmannisches Journal</i> <b>1</b> (1791), 433	<i>American Mineralogist</i> <b>97</b> (2012), 707
Strontiochevkinite	$(\text{Sr},\text{Ce},\text{La})_4\text{Fe}^{2+}(\text{Ti},\text{Zr})_4\text{O}_8(\text{Si}_2\text{O}_7)_2$	A	1983-009	Paraguay	<i>Contributions to Mineralogy and Petrology</i> <b>84</b> (1983), 365	
Strontiodresserite	$\text{SrAl}_2(\text{CO}_3)_2(\text{OH})_4 \cdot \text{H}_2\text{O}$	A	1977-005	Canada	<i>Canadian Mineralogist</i> <b>15</b> (1977), 405	<i>Powder Diffraction</i> <b>25</b> (2010), 322
Strontiofluorite	$\text{SrF}_2$	A	2009-014	Russia	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1487	
Strontiojinorite	$\text{CaSrB}_{14}\text{O}_{20}(\text{OH})_6 \cdot 5\text{H}_2\text{O}$	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	$\text{SrBe}_2(\text{PO}_4)_2$	A	2012-032	China	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Strontiojoaquinite	$(\text{Na},\text{Fe})_2\text{Ba}_2\text{Sr}_2\text{Ti}_2(\text{SiO}_3)_8(\text{O},\text{OH})_2 \cdot \text{H}_2\text{O}$	Rd	1979-080	USA	<i>American Mineralogist</i> <b>67</b> (1982), 809	
Strontiomelane	$\text{Sr}(\text{Mn}^{4+}_6\text{Mn}^{3+}_2)\text{O}_{16}$	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
Strontiwhitlockite	$\text{Sr}_9\text{Mg}(\text{PO}_3\text{OH})(\text{PO}_4)_6$	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>Öfversigt 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	$\text{PtSb}$	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
Stützite	$\text{Ag}_{5-x}\text{Te}_3$ ( $x = 0.24-0.36$ )	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	$\text{PtSe}_2$	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	
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	$\text{Cu}_3\text{VS}_4$	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	$\text{Pb}_{10}(\text{SO}_4)\text{O}_8\text{Cl}_2$	A	1979-044	Sweden	<i>American Mineralogist</i> <b>65</b> (1980), 506	
Suolunite	$\text{Ca}_2\text{Si}_2\text{O}_5(\text{OH})_2\cdot \text{H}_2\text{O}$	A	1968 s.p.	China	<i>Geological Review</i> <b>23</b> (1965), 7	<i>Kexue Tongbao</i> <b>44</b> (1999), 2125
Suredate	$\text{PbSnS}_3$	A	1997-043	Argentina	<i>American Mineralogist</i> <b>85</b> (2000), 1066	
Surinamite	$\text{Mg}_3\text{Al}_3\text{O}(\text{Si}_3\text{BeAlO}_{15})$	A	1974-053	Suriname	<i>American Mineralogist</i> <b>61</b> (1976), 193	<i>American Mineralogist</i> <b>87</b> (2002), 501
Surite	$(\text{Pb},\text{Ca})_3\text{Al}_2(\text{Si},\text{Al})_4\text{O}_{10}(\text{CO}_3)_2(\text{OH})_3\cdot 0.3\text{H}_2\text{O}$	A	1977-037	Argentina	<i>American Mineralogist</i> <b>63</b> (1978), 1175	<i>American Mineralogist</i> <b>82</b> (1997), 416
Surkhobite	$\text{NaCaBa}_2\text{Mn}_8\text{Ti}_4\text{O}_4(\text{Si}_2\text{O}_7)_4(\text{F}_5\text{O})$	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	$\text{Mn}^{2+}_2\text{Al}_3(\text{SiO}_4)(\text{Si}_2\text{O}_7)(\text{OH})_3$	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	$\text{Pb}_4(\text{SO}_4)(\text{CO}_3)_2(\text{OH})_2$	G	1845	United Kingdom	<i>Handbuch der Bestimmenden Mineralogie</i> . Braumüller and Seidel, Wien (1845), 499	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 493
Sussexite	$\text{Mn}^{2+}\text{BO}_2(\text{OH})$	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	$\text{BaV}^{4+}\text{Si}_2\text{O}_7$	A	1978-005	Japan	<i>Mineralogical Journal</i> <b>11</b> (1982), 15	
Svabite	$\text{Ca}_5(\text{AsO}_4)_3\text{F}$	G	1892	Sweden	<i>Bulletin of the Geological Institution of the University of Upsala</i> <b>1</b> (1892), 50	<i>Acta Crystallographica</i> <b>B63</b> (2007), 251

Svanbergite	$\text{SrAl}_3(\text{SO}_4)(\text{PO}_4)(\text{OH})_6$	Rd	1987 s.p.	Sweden	Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar <b>11</b> (1854), 156	<i>Mineralogical Journal</i> <b>8</b> (1977), 419
Sveinbergeite	$\text{Ca}(\text{Fe}^{2+}_6\text{Fe}^{3+})\text{Ti}_2(\text{Si}_4\text{O}_{12})_2\text{O}_2(\text{OH})_5(\text{H}_2\text{O})_4$	A	2010-027	Norway	<i>Mineralogical Magazine</i> <b>75</b> (2011), 2687	
Sveite	$\text{KAl}_7(\text{NO}_3)_4(\text{OH})_{16}\text{Cl}_2 \cdot 8\text{H}_2\text{O}$	A	1980-005	Venezuela	<i>Transactions of the Geological Society of South Africa</i> <b>83</b> (1982), 239	
Švenekite	$\text{Ca}[\text{AsO}_2(\text{OH})_2]_2$	A	1999-007	Czech Republic	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2711	
Sverigeite	$\text{NaBe}_2\text{Mn}^{2+}_2\text{SnSi}_3\text{O}_{12}(\text{OH})$	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
Svyatoslavite	$\text{Ca}(\text{Al}_2\text{Si}_2\text{O}_8)$	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	$\text{MgAl}(\text{SO}_4)_2\text{F} \cdot 14\text{H}_2\text{O}$	A	1983-045	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>113</b> (1984), 347	
Swaknoite	$(\text{NH}_4)_2\text{Ca}(\text{PO}_3\text{OH})_2 \cdot \text{H}_2\text{O}$	A	1991-021	Namibia	<i>Bulletin of the South African Speleological Association</i> <b>32</b> (1992), 72	
Swamboite	$\text{U}^{6+}(\text{UO}_2)_6(\text{SiO}_3\text{OH})_6 \cdot 30\text{H}_2\text{O}$	A	1981-008	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	1948	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 Minerale. Levrault, 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	$\text{Pb}_{10}(\text{SO}_4)_7\text{Cl}_4 \cdot \text{H}_2\text{O}$	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 Értésítője</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)	$\text{Ca}_4\text{Ce}_2\text{TiB}_4\text{Si}_4\text{O}_{22}(\text{OH})_2$	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</i> <b>24</b> (1861), 99	<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	$\text{KLiMg}_2\text{Si}_4\text{O}_{10}\text{F}_2$	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	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Takanelite	$(\text{Mn}^{2+}, \text{Ca})_{2x}(\text{Mn}^{4+})_{1-x}\text{O}_2\cdot 0.7\text{H}_2\text{O}$	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	$\text{Ca}_3\text{B}_2\text{O}_6$	A	1993-049	Japan	<i>Mineralogical Magazine</i> <b>59</b> (1995), 549	<i>Acta Crystallographica</i> <b>B31</b> (1975), 1416
Takéuchiite	$\text{Mg}_2\text{Mn}^{3+}\text{O}_2(\text{BO}_3)$	A	1980-018	Sweden	<i>American Mineralogist</i> <b>65</b> (1980), 1130	<i>Zeitschrift für Kristallographie</i> <b>181</b> (1987), 135
Takovite	$\text{Ni}_6\text{Al}_2(\text{CO}_3)(\text{OH})_{16}\cdot 4\text{H}_2\text{O}$	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	$\text{Mg}_3\text{Si}_4\text{O}_{10}(\text{OH})_2$	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	$\text{Ca}_2\text{Mg}(\text{AsO}_4)_2\cdot 2\text{H}_2\text{O}$	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
Talnakhite	$\text{Cu}_9\text{Fe}_8\text{S}_{16}$	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	$(\text{Ca}, \text{K}, \text{Na})_x\text{Mn}_6(\text{Si}, \text{Al})_{10}\text{O}_{24}(\text{OH})_4\cdot n\text{H}_2\text{O}$ ( $x = 1-2$ ; $n = 7-11$ )	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	$\text{NaAl}(\text{SO}_4)_2\cdot 6\text{H}_2\text{O}$	G	1889	Chile	<i>Verhandlungen des Deutschen Wissenschaftlichen Vereines zu Santiago</i> <b>2</b> (1889), 49	<i>American Mineralogist</i> <b>54</b> (1969), 19
Tancaite-(Ce)	$\text{FeCe}(\text{MoO}_4)_3\cdot 3\text{H}_2\text{O}$	A	2009-097	Italy	CNMNC Newsletter 2 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 375	

Tancoite	$\text{HLiNa}_2[\text{Al}(\text{PO}_4)_2(\text{OH})]$	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	$(\text{Na,Ca})\text{Mn}^{2+}_{12}(\text{Si,Al})_{12}(\text{O,OH})_{44}$	A	1977-042	Japan	<i>Mineralogical Magazine</i> <b>44</b> (1981), 51	
Tangeite	$\text{CaCu}(\text{VO}_4)(\text{OH})$	Rn	1992 s.p.	Turkmenistan	<i>Doklady Akademii Nauk SSSR</i> (1926), 43	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 205
Tanohataite	$\text{LiMn}_2\text{Si}_3\text{O}_8(\text{OH})$	A	2007-019	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>107</b> (2012), 149	
Tantalaeschynite-(Y)	$\text{Y}(\text{Ta,Ti,Nb})_2\text{O}_6$	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)	$\text{Fe}^{2+}\text{Ta}_2\text{O}_6$	Rn	2007 s.p.	USA	<i>Records of General Science</i> <b>4</b> (1836), 407	
Tantalite-(Mg)	$\text{MgTa}_2\text{O}_6$	Rn	2002-018	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(2)</b> (2003), 49	
Tantalite-(Mn)	$\text{Mn}^{2+}\text{Ta}_2\text{O}_6$	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)	$\text{Y}(\text{Ta,Nb,Ti})_2(\text{O,OH})_6$	A	1987 s.p.	Australia	<i>Journal of the Royal Society of Western Australia</i> <b>14</b> (1928), 45	
Tantite	$\text{Ta}_2\text{O}_5$	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
Tapiolite-(Fe)	$\text{Fe}^{2+}\text{Ta}_2\text{O}_6$	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)	$\text{Mn}^{2+}\text{Ta}_2\text{O}_6$	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	$\text{Ba}_4(\text{Fe}^{3+},\text{Ti})_4\text{O}_2[\text{B}_2\text{Si}_8\text{O}_{27}]\text{Cl}_x$	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	$\text{Na}(\text{NaCa})(\text{Mg}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	Norway	<i>American Mineralogist</i> <b>92</b> (2007), 1428	
Taranakite	$\text{K}_3\text{Al}_5(\text{PO}_3\text{OH})_6(\text{PO}_4)_2 \cdot 18\text{H}_2\text{O}$	G	1865	New Zealand	Reports of the Jurors, New Zealand Expedition (1865), 423	<i>Inorganica Chimica Acta</i> <b>269</b> (1998), 47
Tarapacáite	$\text{K}_2(\text{CrO}_4)$	G	1878	Chile	Mineraux du Perou. Chaix, Paris (1878), 274	<i>Acta Crystallographica</i> <b>B28</b> (1972), 2845
Tarbagataite	$(\text{K}\square)\text{Ca}(\text{Fe}^{2+},\text{Mn})_7\text{Ti}_2(\text{Si}_4\text{O}_{12})_2\text{O}_2(\text{OH})_5$	A	2010-048	Kazakhstan	<i>Canadian Mineralogist</i> <b>50</b> (2012), 159	
Tarbuttite	$\text{Zn}_2(\text{PO}_4)(\text{OH})$	G	1907	Zambia	<i>Nature</i> <b>76</b> (1907), 215	<i>Zeitschrift für Kristallographie</i> <b>123</b> (1966), 321
Tarkianite	$(\text{Cu,Fe})(\text{Re,Mo})_4\text{S}_8$	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	$\text{Na}_{12}\text{Sr}_3\text{Ca}_6\text{Fe}_3\text{Zr}_3\text{NbSi}_{25}\text{O}_{73}(\text{O,OH,H}_2\text{O})_3\text{Cl}_2$	A	2002-055	Denmark (Greenland)	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2004), 83	
Tashelgite	$\text{CaMgFe}^{2+}\text{Al}_9\text{O}_{16}(\text{OH})$	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	$\text{NaCa}_2\text{Mg}_3\text{Fe}^{2+}_2\text{Fe}^{3+}(\text{PO}_4)_6 \cdot 2\text{H}_2\text{O}$	A	2005-051	Antarctica	<i>Canadian Mineralogist</i> <b>45</b> (2007), 293	
Tatarskite	$\text{Ca}_6\text{Mg}_2(\text{SO}_4)_2(\text{CO}_3)_2(\text{OH})_4\text{Cl}_4 \cdot 7\text{H}_2\text{O}$	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
Tavorite	LiFe <sup>3+</sup> (PO <sub>4</sub> )(OH)	G	1955	Brazil	<i>American Mineralogist</i> <b>40</b> (1955), 952	<i>Geochemistry International</i> <b>35</b> (1997), 630
Tazheranite	(Zr,Ti,Ca)(O,□) <sub>2</sub>	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	Pb <sub>20</sub> Cd <sub>2</sub> (As,Bi) <sub>22</sub> S <sub>50</sub> Cl <sub>10</sub>	A	2008-012	Russia	<i>American Mineralogist</i> <b>94</b> (2009), 1312	
Tazzoliite	Ba <sub>2</sub> CaSr <sub>0.5</sub> Na <sub>0.5</sub> Ti <sub>2</sub> Nb <sub>3</sub> SiO <sub>17</sub> [PO <sub>2</sub> (OH) <sub>2</sub> ] <sub>0.5</sub>	A	2011-018	Italy	<i>Mineralogical Magazine</i> <b>76</b> (2012), 827	
Teallite	PbSnS <sub>2</sub>	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	Hg <sup>2+</sup> Hg <sup>1+</sup> <sub>10</sub> O <sub>4</sub> I <sub>2</sub> (Cl,Br) <sub>2</sub>	A	2001-035	USA	<i>Canadian Mineralogist</i> <b>40</b> (2002), 909	<i>Mineralogical Magazine</i> <b>73</b> (2009), 227
Teepleite	Na <sub>2</sub> B(OH) <sub>4</sub> Cl	G	1939	USA	<i>American Mineralogist</i> <b>24</b> (1939), 48	<i>Acta Crystallographica</i> <b>B38</b> (1982), 82
Tegengrenite	Mg <sub>2</sub> (Sb,Mn)O <sub>4</sub>	A	1999-002	Sweden	<i>American Mineralogist</i> <b>85</b> (2000), 1315	
Teineite	Cu <sup>2+</sup> (Te <sup>4+</sup> O <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> 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	(Pd,Ag) <sub>3</sub> Te	A	1972-030	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>103</b> (1974), 595	
Tellurantimony	Sb <sub>2</sub> Te <sub>3</sub>	A	1972-002	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 55	<i>Acta Crystallographica</i> <b>B30</b> (1974), 1307
Tellurite	TeO <sub>2</sub>	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	Bi <sub>2</sub> Te <sub>3</sub>	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	Ni <sub>9</sub> BiTeS <sub>8</sub>	A	1978 s.p.	Canada	<i>Mineralogical Magazine</i> <b>43</b> (1980), 877	
Telluromandarinoite	Fe <sup>3+</sup> <sub>2</sub> (Te <sup>4+</sup> O <sub>3</sub> ) <sub>3</sub> ·6H <sub>2</sub> O	A	2011-013	Chile	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
Telluronevskite	Bi <sub>3</sub> TeSe <sub>2</sub>	A	1993-027a	Slovakia	<i>European Journal of Mineralogy</i> <b>13</b> (2001), 177	
Telluropalladinite	Pd <sub>9</sub> Te <sub>4</sub>	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	Pb(Te <sub>0.5</sub> Pb <sub>0.5</sub> )O <sub>2</sub> Cl	A	2009-044	USA	<i>American Mineralogist</i> <b>95</b> (2010), 1569	
Telyushenkoite	CsNa <sub>6</sub> Be <sub>2</sub> Al <sub>3</sub> Si <sub>15</sub> O <sub>39</sub> F <sub>2</sub>	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	Pd <sub>3</sub> HgTe <sub>3</sub>	A	1973-018	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 193	
Tengchongite	Ca(UO <sub>2</sub> ) <sub>6</sub> (MoO <sub>4</sub> ) <sub>2</sub> O <sub>5</sub> ·12H <sub>2</sub> O	A	1984-031	China	<i>Kexue Tongbao</i> <b>31</b> (1986), 396	
Tengerite-(Y)	Y <sub>2</sub> (CO <sub>3</sub> ) <sub>3</sub> ·2-3H <sub>2</sub> 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	Cu <sub>6</sub> [Cu <sub>4</sub> (Fe,Zn) <sub>2</sub> ]As <sub>4</sub> S <sub>13</sub>	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	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	$Mn^{2+}_2(SiO_4)$	G	1823	USA	Vollständige Charakteristik des Mineral-Systems. Arnoldische, Dresden (1823), 278	<i>American Mineralogist</i> <b>65</b> (1980), 1263
Terlinguacreekite	$Hg^{2+}_3O_2Cl_2$	A	2004-018	USA	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1055	
Terlinguaite	$Hg_2OCl$	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	$Ca_5(SiO_4)_2(SO_4)$	A	1995-015	Germany	<i>Mineralogy and Petrology</i> <b>60</b> (1997), 121	
Ternovite	$MgNb_4O_{11} \cdot 8-12H_2O$	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	$NaCaAl_3Si_{17}O_{40} \cdot \approx 8H_2O$	A	1995-026	Antarctica	<i>American Mineralogist</i> <b>82</b> (1997), 423	
Terrywallaceite	$AgPb(Sb,Bi)_3S_6$	A	2011-017	Peru	<i>American Mineralogist</i> <b>98</b> (2013), 1310	
Terskite	$Na_4ZrSi_6O_{16} \cdot 2H_2O$	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	$Ca_4B_{10}O_{19} \cdot 20H_2O$	Q	1953	Turkey	<i>Fortschritte der Mineralogie</i> <b>31</b> (1953), 39	
Teruggite	$Ca_4Mg[AsB_6O_{11}(OH)_6]_2 \cdot 14H_2O$	A	1968-007	Argentina	<i>American Mineralogist</i> <b>53</b> (1968), 1815	<i>American Mineralogist</i> <b>58</b> (1973), 1034
Teschemacherite	$(NH_4)H(CO_3)$	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	CuAu	A	1982-005	China	<i>Scientia Geologica Sinica</i> (1982), 111	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Tetradymite	$Bi_2Te_2S$	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	$KFe^{2+}_3(Si_3Fe^{3+})O_{10}(OH)_2$	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	$KMg_3(Si_3Fe^{3+})O_{10}(OH)_2$	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	PtFe	A	1974-012b	Canada	<i>Canadian Mineralogist</i> <b>13</b> (1975), 117	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Tetrahedrite	$Cu_6[Cu_4(Fe,Zn)_2]Sb_4S_{13}$	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	$Bi(AsO_4)$	A	1993-006	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 179	<i>Acta Crystallographica</i> <b>1</b> (1948), 163
Tetrataenite	FeNi	A	1979-076	USA	<i>American Mineralogist</i> <b>65</b> (1980), 624	<i>Zeitschrift für Kristallographie</i> <b>210</b> (1995), 14
Tetrawickmanite	$Mn^{2+}Sn^{4+}(OH)_6$	A	1971-018	USA	<i>Mineralogical Record</i> <b>4</b> (1973), 24	
Thadeuite	$CaMg_3(PO_4)_2(OH,F)_2$	A	1978-001	Portugal	<i>American Mineralogist</i> <b>64</b> (1979), 359	<i>American Mineralogist</i> <b>67</b> (1982), 120
Thalcusite	$(Cu,Fe)_4Ti_2S_4$	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)	$Y_3Si_3O_{10}(OH)$	A	1987 s.p.	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>20</b> (1898), 308	<i>Kristallografiya</i> <b>33</b> (1988), 605
Thalfenisite	$Tl_6(Fe,Ni)_{25}S_{26}Cl$	A	1979-018	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>108</b> (1979), 696	
Thaumasite	$Ca_3Si(OH)_6(CO_3)(SO_4) \cdot 12H_2O$	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	
Thenardite	$\text{Na}_2(\text{SO}_4)$	G	1826	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	
Thérèsemagnanite	$\text{Co}_6(\text{SO}_4)(\text{OH})_{10}\cdot 8\text{H}_2\text{O}$	A	1991-026	France	<i>Archives de Sciences de Genève</i> <b>46</b> (1993), 37	
Thermessaite	$\text{K}_2\text{AlF}_3(\text{SO}_4)$	A	2007-030	Italy	<i>Canadian Mineralogist</i> <b>46</b> (2008), 693	
Thermessaite-( $\text{NH}_4$ )	$(\text{NH}_4)_2\text{AlF}_3(\text{SO}_4)$	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	$\text{NaSr}_2(\text{Al}_5\text{Si}_5)\text{O}_{20}\cdot 6\text{H}_2\text{O}$	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
Thorbastnäsité	$\text{ThCa}(\text{CO}_3)_2\text{F}_2\cdot 3\text{H}_2\text{O}$	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
Thomasite	$\text{Na}_{12}\text{Th}_3(\text{Si}_8\text{O}_{19})_4\cdot 18\text{H}_2\text{O}$	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	
Thorogummite	$(\text{Th}, \text{U})[(\text{SiO}_4)_4(\text{OH})_4]$	G	1899	USA	<i>American Journal of Science</i> <b>138</b> (1889), 480	<i>American Mineralogist</i> <b>38</b> (1953), 1007
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	Russia	<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



Tiemannite	HgSe	G	1855	Germany	Elemente der Mineralogie. Engelmann, Leipzig (1855), 425	<i>American Mineralogist</i> <b>35</b> (1950), 337
Tianshanite	$K(Na,K,\square)_9Ca_2Ba_6Mn^{2+}_6Ti_6B_{12}Si_{36}O_{114}(O,OH,F)_{11}$	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	$Na_{17}Fe^{3+}TiSi_{16}O_{29}(OH)_{30}\cdot 2H_2O$	A	1991-013	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>122(1)</b> (1993), 121	
Tikhonenkovite	$SrAlF_4(OH)\cdot H_2O$	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	$CaMg(AsO_4)F$	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	$Ca_5Si_2O_7(CO_3)_2$	G	1933	USA	<i>American Mineralogist</i> <b>18</b> (1933), 469	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1489
Tillmannsite	$HgAg_3(VO_4)$	A	2001-010	France	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 177	
Timroseite	$Pb_2Cu_5(TeO_6)_2(OH)_2$	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	$K_2Na(Ca,Mn)_2TiOSi_7O_{18}(OH)$	A	1968 s.p.	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>162</b> (1965), 658	<i>Acta Crystallographica</i> <b>B36</b> (1980), 259
Tincalconite	$Na_2B_4O_5(OH)_4\cdot 3H_2O$	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
Tinsleyite	$KAl_2(PO_4)_2(OH)\cdot 2H_2O$	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
Tinticite	$Fe^{3+}_{5.3}(PO_4)_4(OH)_4\cdot 6.7H_2O$	G	1946	USA	<i>American Mineralogist</i> <b>31</b> (1946), 395	<i>European Journal of Mineralogy</i> <b>12</b> (2000), 581
Tintinaite	$Pb_{10}Cu_2Sb_{16}S_{35}$	A	1967-010	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1968), 371	<i>Canadian Mineralogist</i> <b>22</b> (1984), 219
Tinzenite	$Ca_6Al_4[B_2Si_8O_{30}](OH)_2$	Rd	1968 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	$K_2(Li,Na,Ca)_6(Be_6P_6)O_{24}(OH)_2\cdot 1.3H_2O$	A	1983-007	USA	<i>Canadian Mineralogist</i> <b>23</b> (1985), 43	<i>American Mineralogist</i> <b>72</b> (1987), 816
Tiragalloite	$Mn^{2+}_4As^{5+}Si_3O_{12}(OH)$	A	1979-061	Italy	<i>American Mineralogist</i> <b>65</b> (1980), 947	<i>Acta Crystallographica</i> <b>B35</b> (1979), 2287
Tischendorfite	$Pd_8Hg_3Se_9$	A	2001-061	Germany	<i>Canadian Mineralogist</i> <b>40</b> (2002), 739	
Tisinalite	$Na_3Mn^{2+}TiSi_6O_{15}(OH)_3$	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	$(Ca,Na,\square)AlSi_2O_6$	A	2013-027	Morocco (meteorite)	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Tistarite	$Ti_2O_3$	A	2008-016	Mexico (meteorite)	<i>American Mineralogist</i> <b>94</b> (2009), 841	
Titanite	$CaTiSiO_5$	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	CNMNC Newsletter 7 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 27	
Titanoholtite	$(Ti_{0.75}\square_{0.25})Al_6BSi_3O_{18}$	A	2012-069	Poland	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2841	
Titanomaghemite	$Fe(Fe,Ti)_2O_4$	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	$Mn^{2+}TiTa_2O_8$	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	
Tlalcocite	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>Physics and Chemistry of Minerals</i> <b>28</b> (2001), 268
Tobermorite	Ca <sub>5</sub> Si <sub>6</sub> O <sub>16</sub> (OH) <sub>2</sub> ·nH <sub>2</sub> O	G	1880	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>Zeitschrift für Kristallographie</i> <b>189</b> (1989), 195
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	
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
Tombarthite-(Y)	Y <sub>4</sub> (Si,H <sub>4</sub> ) <sub>4</sub> O <sub>12</sub> (OH) <sub>4</sub>	A	1967-031	Norway	<i>Lithos</i> <b>1</b> (1968), 113	
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
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
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
Törnebohmite-(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)	La <sub>2</sub> Al(SiO <sub>4</sub> ) <sub>2</sub> (OH)	Rn	1966 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>91</b> (1962), 97	
Törnroosite	Pd <sub>11</sub> As <sub>2</sub> Te <sub>2</sub>	A	2010-043	Finland	<i>Canadian Mineralogist</i> <b>49</b> (2011), 1643	
Torreyite	Mg <sub>9</sub> Zn <sub>4</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>22</sub> ·8H <sub>2</sub> O	G	1949	USA	<i>American Mineralogist</i> <b>34</b> (1949), 589	<i>American Mineralogist</i> <b>67</b> (1982), 1029
Tosudite	Na <sub>0.5</sub> (Al,Mg) <sub>6</sub> (Si,Al) <sub>8</sub> O <sub>18</sub> (OH) <sub>12</sub> ·5H <sub>2</sub> 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	Ca <sub>3</sub> Sn <sub>2</sub> (Fe <sup>3+</sup> <sub>2</sub> Si)O <sub>12</sub>	A	2009-033	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 1305	

Tounkite	$(\text{Na,Ca,K})_8(\text{Si}_6\text{Al}_6)\text{O}_{24}(\text{SO}_4)_2\text{Cl}\cdot 0.5\text{H}_2\text{O}$	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
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
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	
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	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
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. Vandenhoek und Ruprecht, Göttingen (1813), 1079	<i>Zeitschrift für Kristallographie</i> <b>130</b> (1969), 1

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	unknown	<i>Svenska Vetenskaps-Akademiens Handlingar</i> <b>35</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	
Tsaregorodtsevitse	$\text{N}(\text{CH}_3)_4\text{Si}_4(\text{SiAl})\text{O}_{12}$	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
Tschermakite	$\square\text{Ca}_2(\text{Mg}_3\text{Al}_2)(\text{Si}_6\text{Al}_2)\text{O}_{22}(\text{OH})_2$	Rd	2012 s.p.	unknown	<i>American Mineralogist</i> <b>30</b> (1945), 27	
Tschermigite	$(\text{NH}_4)\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	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	$\text{CaAl}_2\text{Si}_6\text{O}_{16} \cdot 8\text{H}_2\text{O}$	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	$\text{Ca}_4(\text{K}, \text{Ca}, \text{Sr}, \text{Ba})_3\text{Cu}_3\text{Al}_{12}\text{Si}_{12}\text{O}_{48}(\text{OH})_8 \cdot 20\text{H}_2\text{O}$	A	1995-051	Germany	<i>American Mineralogist</i> <b>83</b> (1998), 607	
Tsepinite-Ca	$(\text{Ca}, \text{K}, \text{Na})_{2-x}(\text{Ti}, \text{Nb})_2(\text{Si}_4\text{O}_{12})(\text{OH}, \text{O})_2 \cdot 4\text{H}_2\text{O}$	A	2002-020	Russia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2003), 461	
Tsepinite-K	$(\text{K}, \text{Ba}, \text{Na})_2(\text{Ti}, \text{Nb})_2(\text{Si}_4\text{O}_{12})(\text{OH}, \text{O})_2 \cdot 3\text{H}_2\text{O}$	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	$(\text{Na}, \text{H}_3\text{O}, \text{K}, \text{Sr}, \text{Ba}, \square)_2(\text{Ti}, \text{Nb})_2(\text{Si}_4\text{O}_{12})(\text{OH}, \text{O})_2 \cdot 3\text{H}_2\text{O}$	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	$(\text{Sr}, \text{Ba}, \text{K})(\text{Ti}, \text{Nb})_2(\text{Si}_4\text{O}_{12})(\text{OH}, \text{O})_2 \cdot 3\text{H}_2\text{O}$	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	$\text{NaMn}^{2+}_3\text{Al}_6(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	A	2011-047	Italy	<i>American Mineralogist</i> <b>97</b> (2012), 989	

Tsnigrinite	$\text{Ag}_9\text{SbTe}_3(\text{S,Se})_3$	A	1991-051	Uzbekistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>121(5)</b> (1992), 95	
Tsugaruite	$\text{Pb}_4\text{As}_2\text{S}_7$	A	1997-010	Japan	<i>Mineralogical Magazine</i> <b>62</b> (1998), 793	
Tsumcorite	$\text{PbZn}_2(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	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	$\text{Pb}_2\text{Cu}(\text{PO}_4)(\text{SO}_4)(\text{OH})$	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	$\text{GaO}(\text{OH})$	A	2002-011	Namibia	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2003), 521	
Tsumoite	$\text{BiTe}$	A	1974-010a	Japan	<i>American Mineralogist</i> <b>63</b> (1978), 1162	<i>Acta Crystallographica</i> <b>B35</b> (1979), 147
Tubulite	$\text{Ag}_2\text{Pb}_{22}\text{Sb}_{20}\text{S}_{53}$	A	2011-109	France / Italy	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	
Tučekite	$\text{Ni}_9\text{Sb}_2\text{S}_8$	A	1975-022	Australia	<i>Mineralogical Magazine</i> <b>42</b> (1978), 278	
Tugarinovite	$\text{MoO}_2$	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	$\text{Na}_4\text{BeAlSi}_4\text{O}_{12}\text{Cl}$	A	1967 s.p.	Denmark (Greenland)	<i>Meddelelser om Grønland</i> <b>167</b> (1962), 1	
Tuhualite	$\text{NaFe}^{2+}\text{Fe}^{3+}\text{Si}_6\text{O}_{15}$	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	$\text{Ca}_3(\text{PO}_4)_2$	A	2001-070	China (meteorite)	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 1001	
Tulameenite	$\text{Pt}_2\text{CuFe}$	A	1972-016	Canada	<i>Canadian Mineralogist</i> <b>12</b> (1973), 21	<i>Canadian Mineralogist</i> <b>28</b> (1990), 751
Tuliokite	$\text{Na}_6\text{BaTh}(\text{CO}_3)_6 \cdot 6\text{H}_2\text{O}$	A	1988-041	Russia	<i>Mineralogicheskii Zhurnal</i> <b>12</b> (1990), 74	<i>Doklady Akademii Nauk SSSR</i> <b>310</b> (1990), 99
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
Tunisite	$\text{NaCa}_2\text{Al}_4(\text{CO}_3)_4(\text{OH})_8\text{Cl}$	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	$\text{NaFe}^{3+}_3\text{Si}_8\text{O}_{20}(\text{OH})_2 \cdot \text{H}_2\text{O}$	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	$\text{Th}(\text{Ca},\text{Na})_2(\text{K},\square)\text{Si}_8\text{O}_{20}\cdot n\text{H}_2\text{O}$	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	
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
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 Instituta, 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	$\text{Ca}(\text{UO}_2)_2(\text{VO}_4)_2\cdot 5\text{H}_2\text{O}$	G	1912	Uzbekistan	<i>Bulletin de l'Académie Impériale des Sciences de St.-Petersbourg</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	$\text{Ca}_3\text{Al}_6(\text{PO}_4)_2\text{O}_{12}\cdot 2\text{H}_2\text{O}$	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	$\text{NaMg}(\text{SO}_4)(\text{OH})\cdot 2\text{H}_2\text{O}$	A	1967 s.p.	Kazakhstan	<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
Ullmannite	$\text{NiSbS}$	G	1843	Germany	Grundzüge eines Systems der Krystallogogie. 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	$K_2ZrSi_3O_9 \cdot H_2O$	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	$Na_3Sr_4ThSi_8(O,OH)_{24}$	A	1973-039	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>216</b> (1974), 169	
Umbrianite	$K_7Na_2Ca_2[Al_3Si_{10}O_{29}]F_2Cl_2$	A	2011-074	Italy	CNMNC Newsletter 11 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2887	
Umohoite	$(UO_2)(MoO_4) \cdot 2H_2O$	G	1953	USA	<i>United States Atomic Energy Commission, Annual Report</i> (1953), 45	<i>Canadian Mineralogist</i> <b>38</b> (2000), 717
Ungavaite	$Pd_4Sb_3$	A	2004-020	Canada	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1735	
Ungemachite	$K_3Na_8Fe^{3+}(SO_4)_6(NO_3)_2 \cdot 6H_2O$	G	1938	Chile	<i>American Mineralogist</i> <b>23</b> (1938), 314	<i>American Mineralogist</i> <b>71</b> (1986), 826
Upalite	$Al(UO_2)_3(PO_4)_2O(OH) \cdot 7H_2O$	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	$CaB_2O_2(OH)_4$	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	$Ca_2Be_4(PO_4)_3(OH)_3 \cdot 5H_2O$	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	$(NH_4)(UO_2)(AsO_4) \cdot 3H_2O$	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	$(NH_4)(UO_2)(PO_4) \cdot 3H_2O$	G	1957	Kyrgyzstan	<i>Voprosy Geologii Urana</i> . Atomic Press, Moscow (1957), 67	<i>Acta Crystallographica</i> <b>C39</b> (1983), 162
Uranocalcarite	$Ca(UO_2)_3(CO_3)(OH)_6 \cdot 3H_2O$	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	$UO_2$	G	1845	Czech Republic	<i>Handbuch der Bestimmenden Mineralogie</i> . Braumüller and Seidel, Wien (1845), 546	<i>Journal of the American Chemical Society</i> <b>70</b> (1948), 99
Uranocircite-II	$Ba(UO_2)_2(PO_4)_2 \cdot 10H_2O$	G	1877	Germany	<i>Jahrbuch für das Berg- und Hüttenwesen im Königreiche Sachsen</i> 1877. Craz & Gerlach, Freiberg (1877), 48	
Uranophane- $\alpha$	$Ca(UO_2)_2(SiO_3OH)_2 \cdot 5H_2O$	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- $\beta$	$Ca(UO_2)_2(SiO_3OH)_2 \cdot 5H_2O$	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	$(UO_2)_6(SO_4)O_2(OH)_6 \cdot 14H_2O$	G	1882	Czech Republic	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</i> <b>2</b> (1882), 249	<i>Canadian Mineralogist</i> <b>39</b> (2001), 1139
Uranopolycrase	$(U,Y)(Ti,Nb,Ta)_2(O,OH)_6$	A	1990-046	Italy	<i>European Journal of Mineralogy</i> <b>5</b> (1993), 1161	
Uranosilite	$(UO_2)Si_7O_{15}$	A	1981-066	Germany	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1983), 259	
Uranospathite	$(Al,\square)(UO_2)_2F(PO_4)_2 \cdot 20H_2O$	G	1915	United Kingdom	<i>Mineralogical Magazine</i> <b>17</b> (1915), 221	<i>Canadian Mineralogist</i> <b>43</b> (2005), 989
Uranosphaerite	$Bi(UO_2)O_2(OH)$	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	$\text{Ba}_2\text{CaMgAl}_2\text{F}_{14}$	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	$\text{Na}_2\text{AlSi}_3\text{O}_8(\text{OH})$	G	1915	Denmark (Greenland)	<i>Zeitschrift für Krystallographie und Mineralogie</i> <b>54</b> (1915), 120	<i>American Mineralogist</i> <b>59</b> (1974), 335
Ustarasite	$\text{Pb}(\text{Bi},\text{Sb})_6\text{S}_{10}$	Q	1955	Russia	<i>Trudy Mineralogicheskogo Muzeya Akademiyi Nauk SSSR</i> <b>7</b> (1955), 112	
Usturite	$\text{Ca}_3\text{SbZrFe}_3\text{O}_{12}$	Rn	2009-053	Russia	<i>American Mineralogist</i> <b>95</b> (2010), 959	
Utahite	$\text{Cu}_5\text{Zn}_3(\text{Te}^{6+}\text{O}_4)_4(\text{OH})_8 \cdot 7\text{H}_2\text{O}$	A	1995-039	USA	<i>Mineralogical Record</i> <b>28</b> (1997), 175	
Uvanite	$(\text{UO}_2)_2\text{V}^{5+}_6\text{O}_{17} \cdot 15\text{H}_2\text{O}$ (?)	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	$\text{Ca}_3\text{Cr}_2(\text{SiO}_4)_3$	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	$\text{CaMg}_3(\text{Al}_5\text{Mg})(\text{Si}_6\text{O}_{18})(\text{BO}_3)_3(\text{OH})_3(\text{OH})$	A	2000-030a	Brazil	CNMNC Newsletter 2 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 375	
Uytenbogaardtite	$\text{Ag}_3\text{AuS}_2$	A	1977-018	Indonesia / Russia / USA	<i>Canadian Mineralogist</i> <b>16</b> (1978), 651	<i>Bulletin de la Société Royal des Sciences de Liège</i> <b>35</b> (1966), 727
Uzonite	$\text{As}_4\text{S}_5$	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	$\text{NiS}_2$	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
Vajdakite	$(\text{Mo}^{6+}\text{O}_2)_2\text{As}^{3+}_2\text{O}_5 \cdot 3\text{H}_2\text{O}$	A	1998-031	Czech Republic	<i>American Mineralogist</i> <b>87</b> (2002), 983	
Valentinite	$\text{Sb}_2\text{O}_3$	A	1980 s.p.	France	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 499	<i>Dalton Transactions</i> (2004), 23
Valleriite	$2[(\text{Fe},\text{Cu})\text{S}] \cdot 1.53[(\text{Mg},\text{Al})(\text{OH})_2]$	G	1870	Sweden	<i>Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar</i> (1870), 19	<i>Zeitschrift für Kristallographie</i> <b>127</b> (1968), 73
Vanackerite	$\text{Pb}_4\text{Cd}(\text{AsO}_4)_3(\text{Cl},\text{OH})$	A	2011-114	Namibia	CNMNC Newsletter 13 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 807	



Vanadinite	$Pb_5(VO_4)_3Cl$	G	1838	Mexico	Grundzüge der Mineralogie. Schrag, Nürnberg (1838), 283	<i>Journal of the Czech Geological Society</i> <b>51</b> (2006), 271
Vanadiocarpholite	$Mn^{2+}V^{3+}AlSi_2O_6(OH)_4$	A	2003-055	Italy	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 501	
Vanadio-oxy-chromium-dravite	$NaV_3(Cr_4Mg_2)(Si_6O_{18})(BO_3)_3(OH)_3O$	A	2012-034	Russia	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Vanadio-oxy-dravite	$NaV_3(Al_4Mg_2)(Si_6O_{18})(BO_3)_3(OH)_3O$	A	2012-074	Russia	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Vanadium	V	A	2012-021a	Mexico	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Vanadoallanite-(La)	$CaLa^{3+}V^{3+}AlFe^{2+}(Si_2O_7)(SiO_4)O(OH)$	A	2012-095	Japan	<i>Mineralogical Magazine</i> <b>77</b> (2013), 2739	
Vanadoandrosite-(Ce)	$MnCe(V^{3+}AlMn^{2+})[Si_2O_7][SiO_4]O(OH)$	A	2004-015	France	<i>European Journal of Mineralogy</i> <b>18</b> (2006), 569	
Vanadomalayaite	$CaVO(SiO_4)$	A	1993-032	Italy	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1994), 489	
Vanalite	$NaAl_8V_{10}O_{38} \cdot 30H_2O$	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
Vandenbrandeite	$Cu(UO_2)(OH)_4$	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	$Pb_{1.6}(UO_2)_{10}O_6(OH)_{11} \cdot 11H_2O$	G	1947	Democratic Republic of the Congo	<i>Bulletin de la Société Belge de Géologie</i> <b>70</b> (1947), 212	<i>American Mineralogist</i> <b>82</b> (1997), 1176
Vanmeersscheite	$U(UO_2)_3(PO_4)_2(OH)_6 \cdot 4H_2O$	A	1981-009	Democratic Republic of the Congo	<i>Bulletin de Minéralogie</i> <b>105</b> (1982), 125	
Vanoxite	$V_6O_{13} \cdot 8H_2O$ (?)	G	1924	USA	<i>U.S. Geological Survey Bulletin</i> <b>750-D</b> (1924), 63	
Vantasselite	$Al_4(PO_4)_3(OH)_3 \cdot 9H_2O$	A	1986-016	Belgium	<i>Bulletin de Minéralogie</i> <b>110</b> (1987), 647	
Vanthoffite	$Na_6Mg(SO_4)_4$	G	1902	Germany	<i>Akademie der Wissenschaften, Berichte</i> <b>21</b> (1902), 404	<i>Acta Crystallographica</i> <b>17</b> (1964), 1613
Vanuralite	$Al(UO_2)_2(VO_4)_2(OH) \cdot 11H_2O$	A	1967 s.p.	Gabon	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences</i> <b>256</b> (1963), 5374	
Varennesite	$Na_8Mn_2Si_{10}O_{25}(OH,Cl)_2 \cdot 12H_2O$	A	1994-017	Canada	<i>Canadian Mineralogist</i> <b>33</b> (1995), 1073	
Variscite	$Al(PO_4) \cdot 2H_2O$	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	$(Sn,Fe)(O,OH)_2$	Q	1947	Democratic Republic of the Congo	<i>Les minéraux de Belgique et du Congo Belge</i> . Dunod, Paris (1947), 182	<i>Mineralogicheskii Zhurnal</i> <b>15</b> (1993), 94
Varulite	$NaCaMn^{2+}_3(PO_4)_3$	G	1937	Sweden	<i>Geologiska Föreningens i Stockholm Förhandlingar</i> <b>59</b> (1937), 77	
Vashegyite	$Al_{11}(PO_4)_9(OH)_6 \cdot 38H_2O$	G	1909	Slovakia	<i>Mathematikai és Természettudományi Értesítő</i> <b>27</b> (1909), 64	<i>Canadian Mineralogist</i> <b>21</b> (1983), 489
Vasilite	$(Pd,Cu)_{16}(S,Te)_7$	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
Vasilyevite	$(Hg_2)^{2+}_{10}O_6I_3Br_2Cl(CO_3)$	A	2003-016	USA	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1167	<i>Canadian Mineralogist</i> <b>41</b> (2003), 1173
Västmanlandite-(Ce)	$Ce_3CaMg_2Al_2Si_5O_{19}(OH)_2F$	A	2002-025	Sweden	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 129	

Vaterite	CaCO <sub>3</sub>	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	TlHgSb <sub>4</sub> S <sub>7</sub>	A	1987-055	Canada	<i>Mineralogical Magazine</i> <b>53</b> (1989), 79	
Vauquelinite	CuPb <sub>2</sub> (CrO <sub>4</sub> )(PO <sub>4</sub> )(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	Fe <sup>2+</sup> Al <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> ·6H <sub>2</sub> O	G	1922	Bolivia	<i>Science</i> <b>56</b> (1922), 50	<i>American Mineralogist</i> <b>53</b> (1968), 1025
Vavřinite	Ni <sub>2</sub> SbTe <sub>2</sub>	A	2005-045	Czech Republic	<i>Canadian Mineralogist</i> <b>45</b> (2007), 1213	
Väyrynenite	BeMn <sup>2+</sup> (PO <sub>4</sub> )(OH)	G	1954	Finland	<i>Anzeiger der Österreichischen Akademie der Wissenschaften Mathematisch-Natur Wissenschaftliche Klasse</i> <b>2</b> (1954), 21	<i>Canadian Mineralogist</i> <b>38</b> (2000), 1425
Veatchite	Sr <sub>2</sub> B <sub>11</sub> O <sub>16</sub> (OH) <sub>5</sub> ·H <sub>2</sub> O	A	1938	USA	<i>American Mineralogist</i> <b>23</b> (1938), 409	<i>American Mineralogist</i> <b>97</b> (2012), 489
Veblenite	KNa(Fe <sup>2+</sup> <sub>5</sub> Fe <sup>3+</sup> <sub>4</sub> Mn <sub>7</sub> )Nb <sub>4</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (Si <sub>8</sub> O <sub>22</sub> ) <sub>2</sub> O <sub>6</sub> (OH) <sub>10</sub> (H <sub>2</sub> O) <sub>3</sub>	A	2010-050	Canada	CNMNC Newsletter 7 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 27	
Veenite	Pb <sub>2</sub> (Sb,As) <sub>2</sub> S <sub>5</sub>	A	1966-016	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1967), 7	
Velikite	Cu <sub>2</sub> HgSnS <sub>4</sub>	A	1996-052	Kyrgyzstan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>126(4)</b> (1997), 71	<i>Soviet Physics - Crystallography</i> <b>22</b> (1977), 99
Vendidaite	Al <sub>2</sub> (SO <sub>4</sub> )(OH) <sub>3</sub> Cl·6H <sub>2</sub> O	A	2012-089	Chile	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Verbeekite	PdSe <sub>2</sub>	A	2001-005	Democratic Republic of the Congo	<i>Mineralogical Magazine</i> <b>66</b> (2002), 173	
Vergasovaite	Cu <sub>3</sub> O(MoO <sub>4</sub> )(SO <sub>4</sub> )	A	1998-009	Russia	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>78</b> (1998), 479	<i>European Journal of Mineralogy</i> <b>11</b> (1999), 101
Vermiculite	Mg <sub>0.7</sub> (Mg,Fe,Al) <sub>6</sub> (Si,Al) <sub>8</sub> O <sub>20</sub> (OH) <sub>4</sub> ·8H <sub>2</sub> O	G	1824	USA	<i>American Journal of Science and Arts</i> <b>7</b> (1824), 55	<i>American Mineralogist</i> <b>51</b> (1966), 1124
Vernadite	(Mn,Fe,Ca,Na)(O,OH) <sub>2</sub> ·nH <sub>2</sub> O	Q	1944	Russia	<i>Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya</i> <b>4</b> (1944), 35	<i>Mineralium Deposita</i> <b>15</b> (1980), 251
Verplanckite	Ba <sub>4</sub> Mn <sup>2+</sup> <sub>2</sub> Si <sub>4</sub> O <sub>12</sub> (OH,H <sub>2</sub> O) <sub>3</sub> Cl <sub>3</sub>	A	1964-011	USA	<i>American Mineralogist</i> <b>50</b> (1965), 314	<i>Acta Crystallographica</i> <b>B29</b> (1973), 2019
Versiliaite	(Fe <sup>2+</sup> <sub>2</sub> Fe <sup>3+</sup> <sub>2</sub> )(Fe <sup>3+</sup> <sub>2</sub> Sb <sup>3+</sup> <sub>6</sub> )O <sub>16</sub> S	A	1978-068	Italy	<i>American Mineralogist</i> <b>64</b> (1979), 1230	<i>American Mineralogist</i> <b>64</b> (1979), 1235
Vertumnite	Ca <sub>4</sub> Al <sub>4</sub> Si <sub>4</sub> O <sub>6</sub> (OH) <sub>24</sub> ·3H <sub>2</sub> O	A	1975-043	Italy	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>24</b> (1977), 57	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>25</b> (1978), 33
Veselovskýite	ZnCu <sub>4</sub> (AsO <sub>4</sub> ) <sub>2</sub> (AsO <sub>3</sub> OH) <sub>2</sub> ·9H <sub>2</sub> O	A	2005-053	Czech Republic	<i>Neues Jahrbuch für Mineralogie Abhandlungen</i> <b>187</b> (2010), 83	
Vésigniéite	Cu <sub>3</sub> Ba(VO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub>	G	1955	Germany	<i>Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences de Paris</i> <b>240</b> (1955), 2331	<i>Acta Geologica Sinica</i> <b>4</b> (1991), 145
Vesuvianite	(Ca,Na) <sub>19</sub> (Al,Mg,Fe) <sub>13</sub> (SiO <sub>4</sub> ) <sub>10</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>4</sub> (OH,F,O) <sub>10</sub>	A	1962 s.p.	Italy	Beiträge zur Chemischen Kenntniss der Mineralkörper, Vol. 1. Decker, Berlin (1795), 34	<i>American Mineralogist</i> <b>77</b> (1992), 945
Veszelyite	(Cu,Zn) <sub>2</sub> Zn(PO <sub>4</sub> )(OH) <sub>3</sub> ·2H <sub>2</sub> O	G	1874	Romania	<i>Anzeiger der Kaiserlichen Akademie der Wissenschaften</i> <b>11</b> (1874), 135	<i>American Mineralogist</i> <b>98</b> (2013), 1261
Viaeneite	(Fe,Pb) <sub>4</sub> S <sub>8</sub> O	A	1993-051	Belgium	<i>European Journal of Mineralogy</i> <b>8</b> (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</i> <b>7</b> (1995), 439	<i>American Mineralogist</i> <b>87</b> (2002), 1139
Vigezzite	$(\text{Ca,Ce})(\text{Nb,Ta,Ti})_2\text{O}_6$	A	1977-008	Italy	<i>Mineralogical Magazine</i> <b>43</b> (1979), 459	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 301
Vigrishinite	$\text{Zn}_2\text{Ti}_{4-x}\text{Si}_4\text{O}_{14}(\text{OH,H}_2\text{O},\square)_8$ ( $x < 1$ )	A	2011-073	Russia	CNMNC Newsletter 11 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2887	
Vihorlatite	$\text{Bi}_{24}\text{Se}_{17}\text{Te}_4$	A	1988-047	Slovakia	<i>European Journal of Mineralogy</i> <b>19</b> (2007), 255	
Viitaniemiite	$\text{NaCaAl}(\text{PO}_4)\text{F}_3$	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	$\text{Ag}_5\text{Pb}_8\text{Bi}_{13}\text{S}_{30}$	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
Villamanínite	$\text{CuS}_2$	Rd	1989 s.p.	Spain	<i>Mineralogical Magazine</i> <b>19</b> (1920), 14	<i>American Mineralogist</i> <b>64</b> (1979), 1265
Villiamite	$\text{NaF}$	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	$(\text{MnCa})\text{Mn}_2\text{Ca}_2(\text{AsO}_3\text{OH})_2(\text{AsO}_4)_2 \cdot 4\text{H}_2\text{O}$	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	$\text{CaB}_2\text{O}_2(\text{OH})_4$	A	1968-034	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>182</b> (1968), 1402	<i>Kristallografiya</i> <b>21</b> (1976), 592
Vincentite	$\text{Pd}_3\text{As}$	A	1973-051	Indonesia	<i>Mineralogical Magazine</i> <b>39</b> (1974), 525	<i>Canadian Mineralogist</i> <b>40</b> (2002), 457
Vinciennite	$\text{Cu}_{10}\text{Fe}_4\text{SnAsS}_{16}$	A	1983-031	France	<i>Bulletin de Minéralogie</i> <b>108</b> (1985), 447	<i>Canadian Mineralogist</i> <b>42</b> (2004), 1501
Vinogradovite	$\text{Na}_4\text{Ti}_4(\text{Si}_2\text{O}_6)_2[(\text{Si,Al})_4\text{O}_{10}]\text{O}_4 \cdot (\text{H}_2\text{O,Na,K})_3$	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	$\text{FeNi}_2\text{S}_4$	G	1924	Canada	<i>Economic Geology</i> <b>19</b> (1924), 309	<i>American Mineralogist</i> <b>91</b> (2006), 1442
Virgilite	$\text{LiAlSi}_2\text{O}_6$	A	1977-009	Peru	<i>American Mineralogist</i> <b>63</b> (1978), 461	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1990), 493
Vishnevitte	$\text{Na}_8(\text{AlSiO}_4)_6\text{O}_{24}(\text{SO}_4) \cdot 2\text{H}_2\text{O}$	G	1944	Russia	<i>Doklady Akademii Nauk SSSR</i> <b>42</b> (1944), 304	<i>American Mineralogist</i> <b>92</b> (2007), 713
Vismirmovite	$\text{ZnSn}(\text{OH})_6$	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	$\text{Mn}_4\text{SnB}_2\text{O}_2(\text{Si}_2\text{O}_7)_2(\text{OH})_2$	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	$\text{Ca}_6\text{B}_{14}\text{O}_{19}(\text{SO}_4)(\text{OH})_{14} \cdot 5\text{H}_2\text{O}$	A	2001-057	Russia	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>131(4)</b> (2002), 41	
Vitusite-(Ce)	$\text{Na}_3\text{Ce}(\text{PO}_4)_2$	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	$\text{Fe}^{2+}_3(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	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	$\text{Ca}_4(\text{AsO}_4)_2(\text{AsO}_3\text{OH}) \cdot 4\text{H}_2\text{O}$	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	$\text{Na}_6\text{Ca}_2[\text{Al}_6\text{Si}_6\text{O}_{24}](\text{SO}_4, \text{S}_3, \text{S}_2, \text{Cl})_2 \cdot \text{H}_2\text{O}$	A	2010-070	Russia / Tajikistan	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>140(5)</b> (2011), 36	
Vladkrivovichevite	$[\text{Pb}_{32}\text{O}_{18}][\text{Pb}_4\text{Mn}_2\text{O}]\text{Cl}_{14}(\text{BO}_3)_8 \cdot 2\text{H}_2\text{O}$	A	2011-020	Namibia	<i>Mineralogical Magazine</i> <b>76</b> (2012), 883	<i>American Mineralogist</i> <b>98</b> (2013), 256
Vladykinite	$\text{Na}_3\text{Sr}_4(\text{Fe}^{2+}\text{Fe}^{3+})\text{Si}_8\text{O}_{24}$	A	2011-052	Russia	CNMNC Newsletter 10 - <i>Mineralogical Magazine</i> <b>75</b> (2011), 2549	
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-Pétersbourg</i> <b>4</b> (1838), 21	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1988), 385
Volkonskoite	$\text{Ca}_{0.3}(\text{Cr}, \text{Mg})_2(\text{Si}, \text{Al})_4\text{O}_{10}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	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	
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	$\text{Na}_{15}(\text{Na}, \text{Ca}, \text{Ce})_3(\text{Mn}, \text{Ca})_3\text{Fe}_3\text{Zr}_3\text{Si}_{26}\text{O}_{72}(\text{OH}, \text{O})_4 \cdot \text{H}_2\text{O}$	A	2007-023	Russia	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>138(2)</b> (2009), 66	
Voudorisite	$\text{Cd}(\text{SO}_4) \cdot \text{H}_2\text{O}$	A	2012-042	Greece	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Vozhminite	$\text{Ni}_4\text{AsS}_2$	A	1981-040	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 480	
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	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	Na <sub>11</sub> TiNb <sub>2</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> O <sub>3</sub> F	A	1973-015	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>102</b> (1973), 423	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1311
Vuorelainenite	Mn <sup>2+</sup> V <sup>3+</sup> <sub>2</sub> O <sub>4</sub>	A	1980-048	Sweden	<i>Canadian Mineralogist</i> <b>20</b> (1982), 281	
Vuoriharvite-K	(K,Na,□) <sub>12</sub> Nb <sub>8</sub> (Si <sub>4</sub> O <sub>12</sub> ) <sub>4</sub> O <sub>8</sub> ·12-16H <sub>2</sub> 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	Pb <sub>20</sub> Sn <sub>2</sub> (Bi,As) <sub>22</sub> S <sub>54</sub> Cl <sub>6</sub>	A	2003-027	Italy	<i>Canadian Mineralogist</i> <b>43</b> (2005), 703	<i>American Mineralogist</i> <b>93</b> (2008), 713
Vyacheslavite	U <sup>4+</sup> (PO <sub>4</sub> )(OH)·2.5H <sub>2</sub> O	A	1983-017	Uzbekistan	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1984), 360	
Vyalsovite	CaFeAlS(OH) <sub>5</sub>	A	1989-004	Russia	<i>American Mineralogist</i> <b>77</b> (1992), 201	
Vysokýite	U <sup>4+</sup> [AsO <sub>2</sub> (OH)] <sub>2</sub> ·4H <sub>2</sub> O	A	2012-067	Czech Republic	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Vysotskite	(Pd,Ni)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)	Y(Al,Si)(SiO <sub>4</sub> )(OH,O) <sub>2</sub>	A	1982-040	Russia	<i>Mineralogicheskii Zhurnal</i> <b>5</b> (1983), 89	<i>Crystallography Reports</i> <b>54</b> (2009), 822
Wadalite	Ca <sub>6</sub> Al <sub>5</sub> Si <sub>2</sub> O <sub>16</sub> Cl <sub>3</sub>	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	K <sub>2</sub> ZrSi <sub>3</sub> O <sub>9</sub>	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	Mg <sub>2</sub> SiO <sub>4</sub>	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	Mg <sub>2</sub> (PO <sub>4</sub> )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
Wairakite	Ca(Si <sub>4</sub> Al <sub>2</sub> )O <sub>12</sub> ·2H <sub>2</sub> 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	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	(As,Sb) <sub>6</sub> As <sub>4</sub> S <sub>14</sub>	A	1969-024	Japan	<i>Geological Survey of Japan</i> (1970), 92	<i>American Mineralogist</i> <b>90</b> (2005), 1108
Wakefieldite-(Ce)	CeVO <sub>4</sub>	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)	LaVO <sub>4</sub>	A	1989-035a	Germany	<i>European Journal of Mineralogy</i> <b>20</b> (2008) 1135	
Wakefieldite-(Nd)	NdVO <sub>4</sub>	A	2008-031	Japan	<i>Resource Geology</i> <b>61</b> (2011), 101	
Wakefieldite-(Y)	YVO <sub>4</sub>	Rn	1969-001	Canada	<i>American Mineralogist</i> <b>56</b> (1971), 395	<i>Rendiconti Lincei, Scienze Fisiche e Naturali</i> <b>22</b> (2011), 307
Walentaite	H <sub>2</sub> Ca <sub>2</sub> Fe <sup>3+</sup> <sub>6</sub> (AsO <sub>4</sub> ) <sub>5</sub> (PO <sub>4</sub> ) <sub>3</sub> ·14H <sub>2</sub> O	A	1983-047	USA	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1984), 169	
Walfordite	(Fe <sup>3+</sup> ,Te <sup>6+</sup> ,Ti <sup>4+</sup> ,Mg)Te <sup>4+</sup> <sub>3</sub> O <sub>8</sub>	A	1996-003	Chile	<i>Canadian Mineralogist</i> <b>37</b> (1999), 1261	
Walkerite	Ca <sub>16</sub> (Mg,Li) <sub>2</sub> [B <sub>13</sub> O <sub>17</sub> (OH) <sub>12</sub> ] <sub>4</sub> Cl <sub>6</sub> ·28H <sub>2</sub> O	A	2001-051	Canada	<i>Canadian Mineralogist</i> <b>40</b> (2002), 1675	
Wallisite	CuPbTlAs <sub>2</sub> S <sub>5</sub>	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	Ca <sub>2</sub> Mn <sup>2+</sup> <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·9H <sub>2</sub> O	A	1982-084	USA	<i>American Mineralogist</i> <b>68</b> (1983), 1029	
Walkkilldellite-(Fe)	Ca <sub>2</sub> Fe <sup>2+</sup> <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·9H <sub>2</sub> O	A	1997-032	France	<i>Rivière Scientifique</i> (1999), 5	
Walpurgite	Bi <sub>4</sub> O <sub>4</sub> (UO <sub>2</sub> )(AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O	G	1871	Germany	<i>Neues Jahrbuch für Mineralogie, Geologie und Palaontologie</i> (1871), 869	<i>Tschermaks Mineralogische und Petrographische Mitteilungen</i> <b>30</b> (1982), 129

Walstromite	BaCa <sub>2</sub> Si <sub>3</sub> O <sub>9</sub>	A	1964-009	USA	<i>American Mineralogist</i> <b>50</b> (1965), 314	<i>American Mineralogist</i> <b>53</b> (1968), 9
Walthierite	Ba <sub>0.5</sub> Al <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	A	1991-008	Chile	<i>American Mineralogist</i> <b>77</b> (1992), 1275	
Wardite	NaAl <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>4</sub> ·2H <sub>2</sub> 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	Ca <sub>5</sub> Mg(B <sub>4</sub> O <sub>7</sub> ) <sub>6</sub> ·30H <sub>2</sub> O	A	1967-030	USA	<i>American Mineralogist</i> <b>55</b> (1970), 349	
Warikahnite	Zn <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> 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
Warwickite	(Mg,Ti,Fe,Cr,Al) <sub>2</sub> O(BO <sub>3</sub> )	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	Cu <sub>4</sub> (As,Sb) <sub>2</sub> S <sub>5</sub>	A	1991-025	Japan	<i>Mineralogical Magazine</i> <b>57</b> (1993), 643	
Watatsumiite	LiNa <sub>2</sub> KMn <sub>2</sub> V <sub>2</sub> Si <sub>6</sub> O <sub>24</sub>	A	2001-043	Japan	<i>Journal of Mineralogical and Petrological Sciences</i> <b>98</b> (2003), 142	
Waterhouseite	Mn <sub>7</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>8</sub>	A	2004-035	Australia	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1401	
Watkinsonite	PbCu <sub>2</sub> Bi <sub>4</sub> (Se,S) <sub>8</sub>	A	1985-024	Canada	<i>Canadian Mineralogist</i> <b>25</b> (1987), 625	<i>Canadian Mineralogist</i> <b>48</b> (2010), 1109
Wattersite	Hg <sup>1+</sup> <sub>4</sub> Hg <sup>2+</sup> O <sub>2</sub> (CrO <sub>4</sub> )	A	1987-030	USA	<i>Mineralogical Record</i> <b>22</b> (1991), 269	<i>Canadian Mineralogist</i> <b>33</b> (1995), 41
Wattevilleite	Na <sub>2</sub> Ca(SO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> 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	Al <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>3</sub> ·5H <sub>2</sub> 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	Ca <sub>6</sub> Be <sub>9</sub> Mn <sup>2+</sup> <sub>2</sub> BSi <sub>6</sub> O <sub>23</sub> (OH,Cl) <sub>15</sub>	A	1988-043	USA	<i>American Mineralogist</i> <b>75</b> (1990), 405	
Waylandite	BiAl <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>6</sub>	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
Weberite	Na <sub>2</sub> MgAlF <sub>7</sub>	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	Ca(C <sub>2</sub> O <sub>4</sub> )·2H <sub>2</sub> O	G	1942	Antarctica	<i>Science</i> <b>95</b> (1942), 431	<i>American Mineralogist</i> <b>65</b> (1980), 327
Weeksite	(K) <sub>2</sub> (UO <sub>2</sub> ) <sub>2</sub> (Si <sub>5</sub> O <sub>13</sub> )·4H <sub>2</sub> 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	Na <sub>5</sub> H <sub>3</sub> (CO <sub>3</sub> ) <sub>4</sub>	A	1967 s.p.	USA	<i>American Mineralogist</i> <b>48</b> (1963), 800	<i>Acta Crystallographica</i> <b>B46</b> (1990), 466
Weibullite	Ag <sub>0.33</sub> Pb <sub>5.33</sub> Bi <sub>8.33</sub> (S,Se) <sub>18</sub>	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	BaAl <sub>3</sub> (SO <sub>4</sub> )(AsO <sub>4</sub> )(OH) <sub>6</sub>	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
Weillite	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	TiSbS <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	$\text{Na}_2\text{Sr}_3\text{Zr}(\text{CO}_3)_6 \cdot 3\text{H}_2\text{O}$	A	1967-042	Canada	<i>Canadian Mineralogist</i> <b>9</b> (1968), 468	<i>Canadian Mineralogist</i> <b>13</b> (1975), 209
Welshite	$\text{Ca}_4[\text{Mg}_9\text{Sb}^{5+}_3\text{O}_4[\text{Si}_6\text{Be}_3\text{AlFe}^{3+}_2\text{O}_{36}]$	A	1973-019	Sweden	<i>Mineralogical Magazine</i> <b>42</b> (1978), 129	<i>American Mineralogist</i> <b>92</b> (2007), 80
Wendwilsonite	$\text{Ca}_2\text{Mg}(\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	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	$\text{Ba}_4\text{Ca}_6(\text{Si},\text{Al})_{20}\text{O}_{41}(\text{OH})_2(\text{SO}_4)_3 \cdot \text{H}_2\text{O}$	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	$\text{Mg}_2\text{Al}_{14}\text{Si}_4\text{B}_4\text{O}_{37}$	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	$\text{Mg}_7\text{Al}_2(\text{OH})_{18}[\text{Ca}(\text{H}_2\text{O})_6](\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	A	1970-007	Sweden	<i>Lithos</i> <b>4</b> (1971), 213	<i>Zeitschrift für Kristallographie</i> <b>168</b> (1984), 133
Wernerbaurite	$\{[\text{Ca}(\text{H}_2\text{O})_7]_2(\text{H}_2\text{O})_2(\text{H}_3\text{O})_2\}[\text{V}_{10}\text{O}_{28}]$	A	2012-064	USA	<i>Canadian Mineralogist</i> <b>51</b> (2013), 297	
Wesselsite	$\text{SrCuSi}_4\text{O}_{10}$	A	1994-055	South Africa	<i>Mineralogical Magazine</i> <b>60</b> (1996), 795	<i>European Journal of Mineralogy</i> <b>22</b> (2010), 411
Westerveldite	$\text{FeAs}$	A	1971-017	Spain	<i>American Mineralogist</i> <b>57</b> (1972), 354	<i>Acta Crystallographica</i> <b>B40</b> (1984), 14
Wheatleyite	$\text{Na}_2\text{Cu}(\text{C}_2\text{O}_4)_2 \cdot 2\text{H}_2\text{O}$	A	1984-040	USA	<i>American Mineralogist</i> <b>71</b> (1986), 1240	<i>Acta Crystallographica</i> <b>B36</b> (1980), 2145
Whelanite	$\text{Cu}_2\text{Ca}_6[\text{Si}_6\text{O}_{17}(\text{OH})](\text{CO}_3)(\text{OH})_3(\text{H}_2\text{O})_2$	A	1977-006	USA	<i>American Mineralogist</i> <b>97</b> (2012), 2007	
Wherryite	$\text{Pb}_7\text{Cu}_2(\text{SO}_4)_4(\text{SiO}_4)_2(\text{OH})_2$	G	1950	USA	<i>American Mineralogist</i> <b>35</b> (1950), 93	<i>Canadian Mineralogist</i> <b>32</b> (1994), 373
Whewellite	$\text{Ca}(\text{C}_2\text{O}_4) \cdot \text{H}_2\text{O}$	A	1967 s.p.	unknown	An Elementary Introduction to Mineralogy. Longmans, London (1852), 523	<i>Mineralogical Magazine</i> <b>69</b> (2005), 77
Whitecapsite	$\text{H}_{16}\text{Fe}^{2+}_5\text{Fe}^{3+}_{14}\text{Sb}^{3+}_6(\text{AsO}_4)_{18}\text{O}_{16} \cdot 120\text{H}_2\text{O}$	A	2012-030	USA	CNMNC Newsletter 14 - <i>Mineralogical Magazine</i> <b>76</b> (2012), 1281	
Whiteite-(CaFeMg)	$\text{CaFe}^{2+}\text{Mg}_2\text{Al}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	1975-001	Brazil	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	<i>Zeitschrift für Kristallographie</i> <b>226</b> (2011), 731
Whiteite-(CaMnMg)	$\text{CaMn}^{2+}\text{Mg}_2\text{Al}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	1986-012	USA	<i>Canadian Mineralogist</i> <b>27</b> (1989), 699	
Whiteite-(CaMnMn)	$\text{CaMn}^{2+}\text{Mn}^{2+}_2\text{Al}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	2011-002	Germany	<i>Mineralogical Magazine</i> <b>76</b> (2012), 2761	
Whiteite-(MnFeMg)	$\text{Mn}^{2+}\text{Fe}^{2+}\text{Mg}_2\text{Al}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	A	1978 s.p.	Brazil	<i>Mineralogical Magazine</i> <b>42</b> (1978), 309	
Whitlockite	$\text{Ca}_9\text{Mg}(\text{PO}_3\text{OH})(\text{PO}_4)_6$	G	1941	USA	<i>American Mineralogist</i> <b>26</b> (1941), 145	<i>American Mineralogist</i> <b>93</b> (2008), 1300
Whitmoreite	$\text{Fe}^{2+}\text{Fe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	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	$\text{Pb}_2(\text{UO}_2)(\text{CO}_3)_3$	A	1974-008	Germany	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>56</b> (1976), 167	<i>Mineralogical Magazine</i> <b>74</b> (2010), 97
Widgiemoolthalite	$\text{Ni}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 4-5\text{H}_2\text{O}$	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
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
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	Ni <sub>3</sub> Se <sub>4</sub>	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	Zn <sub>2</sub> SiO <sub>4</sub>	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	Ni <sub>3</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub>	A	1971 s.p.	South Africa	<i>National Institute for Metallurgy, Research Report</i> <b>352</b> (1968), 1	
Willhendersonite	KCa(Si <sub>3</sub> Al <sub>3</sub> )O <sub>12</sub> ·5H <sub>2</sub> O	A	1981-030	Italy	<i>American Mineralogist</i> <b>69</b> (1984), 186	<i>Zeolites</i> <b>19</b> (1997), 75
Willyamite	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	Ca <sub>19</sub> (Al,Mg) <sub>13</sub> (B,□,Al) <sub>5</sub> (SiO <sub>4</sub> ) <sub>10</sub> (Si <sub>2</sub> O <sub>7</sub> ) <sub>4</sub> (O,OH) <sub>10</sub>	A	1997-026	Russia	<i>Canadian Mineralogist</i> <b>36</b> (1998), 1301	<i>Canadian Mineralogist</i> <b>43</b> (2005), 1457
Winchite	□(NaCa)(Mg <sub>4</sub> Al)Si <sub>8</sub> O <sub>22</sub> (OH) <sub>2</sub>	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	Ca <sub>2</sub> Fe <sup>3+</sup> <sub>3-x</sub> [Si <sub>8</sub> O <sub>20</sub> ](OH) <sub>4</sub> ·10H <sub>2</sub> O	A	2010-083	Namibia	<i>European Journal of Mineralogy</i> <b>24</b> (2012), 171	
Winstanleyite	TiTe <sup>4+</sup> <sub>3</sub> O <sub>8</sub>	A	1979-001	USA	<i>Mineralogical Magazine</i> <b>43</b> (1979), 453	<i>Canadian Mineralogist</i> <b>41</b> (2004), 1469
Wiserite	Mn <sup>2+</sup> <sub>14</sub> (B <sub>2</sub> O <sub>5</sub> ) <sub>4</sub> (OH) <sub>8</sub> ·(Si,Mg)(O,OH) <sub>4</sub> Cl	G	1845	Switzerland	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 493	<i>American Mineralogist</i> <b>74</b> (1989), 1351
Witherite	BaCO <sub>3</sub>	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	Cu <sub>3</sub> BiS <sub>3</sub>	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	Pb <sub>8</sub> Bi <sub>10</sub> (S,Se) <sub>23</sub>	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	Na <sub>4</sub> K <sub>4</sub> Ca(NO <sub>3</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ·2H <sub>2</sub> O	A	2011-084	Chile	<i>American Mineralogist</i> <b>97</b> (2012), 1783	
Wodginite	Mn <sup>2+</sup> Sn <sup>4+</sup> Ta <sub>2</sub> O <sub>8</sub>	A	1967 s.p.	Australia	<i>Canadian Mineralogist</i> <b>7</b> (1963), 390	<i>Canadian Mineralogist</i> <b>30</b> (1992), 597
Wöhlerite	Na <sub>2</sub> Ca <sub>4</sub> Zr(Nb,Ti)(Si <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> (O,F) <sub>4</sub>	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	Fe <sup>2+</sup> <sub>2</sub> (PO <sub>4</sub> )(OH)	G	1949	USA	<i>American Mineralogist</i> <b>34</b> (1949), 692	<i>Acta Crystallographica</i> <b>C63</b> (2007), i119
Wollastonite	CaSiO <sub>3</sub>	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	Pb <sub>7</sub> (UO <sub>2</sub> ) <sub>14</sub> O <sub>19</sub> (OH) <sub>4</sub> ·12H <sub>2</sub> 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	(Na,K,□)(Mg,Fe,Al) <sub>6</sub> (Si,Al) <sub>8</sub> O <sub>20</sub> (OH,F) <sub>4</sub>	A	1979-007a	USA	<i>American Mineralogist</i> <b>66</b> (1981), 100	<i>American Mineralogist</i> <b>90</b> (2005), 725
Woodallite	Mg <sub>6</sub> Cr <sub>2</sub> (OH) <sub>16</sub> Cl <sub>2</sub> ·4H <sub>2</sub> O	A	2000-042	Australia	<i>Mineralogical Magazine</i> <b>65</b> (2001), 427	
Woodhouseite	CaAl <sub>3</sub> (SO <sub>4</sub> )(PO <sub>4</sub> )(OH) <sub>6</sub>	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	Zn <sub>2</sub> (Mn <sup>4+</sup> ,Mn <sup>3+</sup> ) <sub>5</sub> O <sub>10</sub> ·4H <sub>2</sub> O	G	1953	USA	<i>American Mineralogist</i> <b>38</b> (1953), 761	<i>American Mineralogist</i> <b>88</b> (2003), 1697
Woodwardite	(Cu <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)	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	Na <sub>2</sub> CaCu <sup>2+</sup> <sub>2</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> ·10H <sub>2</sub> 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	Ca <sub>6</sub> Na <sub>3</sub> □Mn(PO <sub>4</sub> ) <sub>3</sub> (PO <sub>3</sub> OH) <sub>4</sub>	A	2011-093	Canada	<i>Canadian Mineralogist</i> <b>51</b> (2013), 93	



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
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	$(\text{Na}, \text{Ca}, \text{Mn}^{2+}, \square)_2\text{Mn}^{2+}\text{Al}(\text{PO}_4)_3$	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	<i>Chinese Science Bulletin</i> <b>53</b> (2008), 3341	<i>Geochimica et Cosmochimica Acta</i> <b>67</b> (2003), 3937
Xifengite	$\text{Fe}_5\text{S}_3$	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	$(\text{Cu}, \text{Pb}, \text{Fe})\text{Ir}_2\text{S}_4$	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	$\text{Ca}_3\text{Te}^{6+}_2\text{Zn}_3\text{O}_{12}$	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	$(\text{Ca}, \text{Na}, \text{K})_{0.2}(\text{Cu}, \text{Fe}, \text{Mg})_2\text{Si}_4\text{O}_{10}(\text{OH})_2 \cdot 3\text{H}_2\text{O}$	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	PbCuAl(AsO <sub>4</sub> ) <sub>2</sub> OH·H <sub>2</sub> O	A	2010-030	Australia	CNMNC Newsletter 4 - <i>Mineralogical Magazine</i> <b>74</b> (2010), 797	
Yangite	PbMnSi <sub>3</sub> O <sub>8</sub> ·H <sub>2</sub> O	A	2012-052	Namibia	CNMNC Newsletter 15 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 1	
Yangzhumingite	KMg <sub>2.5</sub> Si <sub>4</sub> O <sub>10</sub> F <sub>2</sub>	A	2009-017	China	<i>European Journal of Mineralogy</i> <b>23</b> (2011), 467	
Yanomamite	InAsO <sub>4</sub> ·2H <sub>2</sub> 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	(Cr <sub>4</sub> Fe <sub>4</sub> Ni)C <sub>4</sub>	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	Cu <sub>9</sub> O <sub>2</sub> (VO <sub>4</sub> ) <sub>4</sub> Cl <sub>2</sub>	A	2012-003	Russia	<i>Mineralogical Magazine</i> <b>77</b> (2013), 107	
Yaroslavitite	Ca <sub>3</sub> Al <sub>2</sub> F <sub>10</sub> (OH) <sub>2</sub> ·H <sub>2</sub> O	A	1968 s.p.	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>95</b> (1966), 39	
Yarrowite	Cu <sub>1.2</sub> S	A	1978-022	Canada	<i>Canadian Mineralogist</i> <b>18</b> (1980), 511	
Yavapaiite	KFe <sup>3+</sup> (SO <sub>4</sub> ) <sub>2</sub>	A	1962 s.p.	USA	<i>American Mineralogist</i> <b>44</b> (1959), 1105	<i>American Mineralogist</i> <b>56</b> (1971), 1917
Yazganite	NaMgFe <sup>3+</sup> <sub>2</sub> (AsO <sub>4</sub> ) <sub>3</sub> ·H <sub>2</sub> O	A	2003-033	Turkey	<i>European Journal of Mineralogy</i> <b>17</b> (2005), 367	
Yeatmanite	Zn <sub>6</sub> Mn <sup>2+</sup> <sub>9</sub> Sb <sup>5+</sup> <sub>2</sub> O <sub>12</sub> (SiO <sub>4</sub> ) <sub>4</sub>	G	1938	USA	<i>American Mineralogist</i> <b>23</b> (1938), 527	<i>Mineralogical Journal</i> <b>13</b> (1986), 53
Yecoraite	Fe <sup>3+</sup> <sub>3</sub> Bi <sub>5</sub> O <sub>9</sub> (Te <sup>4+</sup> O <sub>3</sub> )(Te <sup>6+</sup> O <sub>4</sub> ) <sub>2</sub> ·9H <sub>2</sub> O	A	1983-062	Mexico	<i>Boletín de la Sociedad Mexicana de Mineralogía</i> <b>1</b> (1985), 10	
Yedlinite	Pb <sub>6</sub> Cr(Cl,OH) <sub>6</sub> (OH, O) <sub>8</sub>	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 <sub>4</sub> Al <sub>6</sub> O <sub>12</sub> (SO <sub>4</sub> )	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 <sub>4</sub> [Si <sub>2</sub> O <sub>4</sub> (OH) <sub>2</sub> ] <sub>2</sub> ·7H <sub>2</sub> O	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 <sub>2</sub> O(OH)Cl	A	2013-024	United Kingdom	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Yimengite	K(Cr, Ti, Fe, Mg) <sub>12</sub> O <sub>19</sub>	A	1982-046	China	<i>Chinese Science Bulletin [Kexue Tongbao]</i> <b>28</b> (1983), 932	
Yingjiangite	K <sub>2</sub> Ca(UO <sub>2</sub> ) <sub>7</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>6</sub> ·6H <sub>2</sub> O	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 <sub>3</sub> In	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 <sub>3</sub> )(MgAl)Al <sub>2</sub> O <sub>2</sub> (SiO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub>	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 <sup>2+</sup> <sub>5</sub> Si <sub>8</sub> O <sub>20</sub> (OH) <sub>2</sub> ·7H <sub>2</sub> O	A	1974-045	Canada	<i>Canadian Mineralogist</i> <b>13</b> (1975), 68	<i>Canadian Mineralogist</i> <b>51</b> (2013), 243
Yoshimuraite	Ba <sub>2</sub> Mn <sup>2+</sup> <sub>2</sub> Ti(Si <sub>2</sub> O <sub>7</sub> )(PO <sub>4</sub> )O(OH)	A	1967 s.p.	Japan	<i>Mineralogical Journal</i> <b>3</b> (1961), 156	<i>Canadian Mineralogist</i> <b>38</b> (2000), 649
Yoshiokaite	Ca <sub>1-x</sub> (Al, Si) <sub>2</sub> O <sub>4</sub>	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 <sub>2</sub> O <sub>3</sub>	A	2010-039	Russia	<i>American Mineralogist</i> <b>96</b> (2011), 1166	
Yttrialite-(Y)	Y <sub>2</sub> Si <sub>2</sub> O <sub>7</sub>	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 <sup>2+</sup> )(Nb, Ta)O <sub>4</sub>	Q	1987 s.p.	Mozambique	<i>Memórias da Academia das Ciências de Lisboa</i> <b>1</b> (1937), 369	
Yttrocraasite-(Y)	(Y, Th, Ca, U)(Ti, Fe) <sub>2</sub> (O, OH) <sub>6</sub>	Q	1987 s.p.	USA	<i>American Journal of Science</i> <b>22</b> (1906), 515	
Yttrotantalite-(Y)	(Y, U, Fe <sup>2+</sup> )(Ta, Nb)(O, OH) <sub>4</sub>	Rn	1987 s.p.	Sweden	<i>Kongliga Svenska Vetenskaps-Akademiens Handlingar</i> <b>23</b> (1802), 68	<i>Acta Crystallographica</i> <b>23</b> (1967), 939
Yttrotungstite-(Ce)	CeW <sub>2</sub> O <sub>6</sub> (OH) <sub>3</sub>	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	$K_4(Ca,Na)_{14}Sr_2Mn(Ti,Nb)_4(O,OH)_4(Si_6O_{17})_2(Si_2O_7)_3(H_2O,OH)_3$	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	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Yushkinitite	$(Mg,Al)(OH)_2VS_2$	A	1983-050	Russia	<i>Mineralogicheskii Zhurnal</i> <b>6</b> (1984), 91	<i>Mineralogical Magazine</i> <b>63</b> (1999), 879
Yvonite	$Cu(AsO_3OH) \cdot 2H_2O$	A	1995-012	France	<i>American Mineralogist</i> <b>83</b> (1998), 383	
Zabuyelite	$Li_2CO_3$	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	$Zn_4Al_2(OH)_{12}(CO_3)_3 \cdot 3H_2O$	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	$BaCa_6[(SiO_4)(PO_4)](PO_4)_2F$	A	2013-031	Israel	CNMNC Newsletter 16 - <i>Mineralogical Magazine</i> <b>77</b> (2013), 2695	
Zaherite	$Al_{12}(SO_4)_5(OH)_{26} \cdot 20H_2O$	A	1977-002	Pakistan	<i>American Mineralogist</i> <b>62</b> (1977), 1125	<i>Mineralogical Magazine</i> <b>48</b> (1984), 131
Zaïrite	$BiFe^{3+}_3(PO_4)_2(OH)_6$	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	$Na_4Mn^{2+}_5Si_{10}O_{24}(OH)_6 \cdot 6H_2O$	A	1981-049	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>111</b> (1982), 491	
Zálesiite	$CaCu_6(AsO_4)_2(AsO_3OH)(OH)_6 \cdot 3H_2O$	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	$Ca_2Be_4Mg_5(PO_4)_6(OH)_4 \cdot 6H_2O$	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	$TiFeSi_2$	A	2007-036	China	<i>Canadian Mineralogist</i> <b>47</b> (2009), 1265	
Zapatalite	$Cu_3Al_4(PO_4)_3(OH)_9 \cdot 4H_2O$	A	1971-023	Mexico	<i>Mineralogical Magazine</i> <b>38</b> (1972), 541	
Zaratite	$Ni_3(CO_3)(OH)_4 \cdot 4H_2O$	Q	1851	Spain	<i>Revista Minera</i> <b>1</b> (1851), 302	<i>American Mineralogist</i> <b>44</b> (1959), 533
Zavaláite	$Mn^{2+}_3(PO_4)_2$	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	$NaPbCu_5(AsO_4)_4Cl \cdot 5H_2O$	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	$NaLiZrSi_6O_{15}$	A	1976-034	USA	<i>American Mineralogist</i> <b>62</b> (1977), 416	<i>American Mineralogist</i> <b>63</b> (1978), 304
Zellerite	$Ca(UO_2)(CO_3)_2 \cdot 5H_2O$	A	1965-031	USA	<i>American Mineralogist</i> <b>51</b> (1966), 1567	
Zemannite	$Mg_{0.5}ZnFe^{3+}(Te^{4+}O_3)_3 \cdot 4.5H_2O$	A	1968-009	Mexico	<i>Canadian Mineralogist</i> <b>10</b> (1969), 139	<i>European Journal of Mineralogy</i> <b>7</b> (1995), 509

Zemkorite	$\text{Na}_2\text{Ca}(\text{CO}_3)_2$	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	$\text{Pb}_3\text{Fe}^{3+}_4\text{Mn}^{4+}_3\text{O}_{15}$	A	1990-031	Sweden	<i>Canadian Mineralogist</i> <b>29</b> (1991), 347	
Zeophyllite	$\text{Ca}_{13}\text{Si}_{10}\text{O}_{28}(\text{OH})_2\text{F}_8 \cdot 6\text{H}_2\text{O}$	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	$\text{Na}_2\text{Cs}_4\text{Zr}_3\text{Si}_{18}\text{O}_{45} \cdot 2\text{H}_2\text{O}$	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	$\text{Cu}(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 12\text{H}_2\text{O}$	G	1872	Germany	<i>Neues Jahrbuch für Mineralogie</i> (1872), 207	<i>Canadian Mineralogist</i> <b>41</b> (2003), 489
Zhanghengite	$\text{CuZn}$	A	1985-049	China	<i>Acta Mineralogica Sinica</i> <b>6</b> (1986), 220	
Zhangpeishanite	$\text{BaFCl}$	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	$\text{Al}(\text{OH})_2\text{F}$	A	1986-059	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>117</b> (1988), 79	
Zhemchuzhnikovite	$\text{NaMgAl}(\text{C}_2\text{O}_4)_3 \cdot 8\text{H}_2\text{O}$	A	1967 s.p.	Russia	<i>Trudy Vsesouznogo Nauchno-Issledovatelskovo Geologicheskogo Instituta</i> <b>96</b> (1963), 131	
Ziesite	$\text{Cu}_2\text{V}^{5+}_2\text{O}_7$	A	1979-055	El Salvador	<i>American Mineralogist</i> <b>65</b> (1980), 1146	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1989), 41
Zigrasite	$\text{MgZr}(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	A	2008-046	USA	<i>Mineralogical Magazine</i> <b>73</b> (2009), 415	<i>Mineralogical Magazine</i> <b>74</b> (2010), 567
Zimbabweite	$\text{Na}(\text{Pb}, \text{Na}, \text{K})_2(\text{Ta}, \text{Nb}, \text{Ti})_4\text{As}_4\text{O}_{18}$	A	1984-034	Zimbabwe	<i>Bulletin de Minéralogie</i> <b>109</b> (1986), 331	<i>American Mineralogist</i> <b>73</b> (1988), 1186
Zinc	$\text{Zn}$	G	?	Chile	original paper?	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>110</b> (1981), 186
Zincalstibite	$\text{Zn}_2\text{Al}(\text{OH})_6[\text{Sb}(\text{OH})_6]$	A	1998-033	Italy	<i>American Mineralogist</i> <b>92</b> (2007), 198	
Zincaluminite	$(\text{Zn}_{1-x}\text{Al}_x)(\text{SO}_4)_{x/2}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ ( $x < 0.5$ , $n > 3x/2$ )	Q	1881	Greece	<i>Bulletin de la Société Minéralogique de France</i> <b>4</b> (1881), 135	
Zincgartrellite	$\text{PbZn}_2(\text{AsO}_4)_2(\text{H}_2\text{O}, \text{OH})_2$	A	1998-014	Namibia	<i>Mineralogical Magazine</i> <b>64</b> (2000), 1109	
Zincite	$\text{ZnO}$	G	1845	USA	Handbuch der Bestimmenden Mineralogie. Braumüller and Seidel, Wien (1845), 548	<i>Canadian Mineralogist</i> <b>23</b> (1985), 647
Zinclipscornbite	$\text{ZnFe}^{3+}_2(\text{PO}_4)_2(\text{OH})_2$	A	2006-008	USA	<i>Zapiski Rossiyskogo Mineralogicheskogo Obshchestva</i> <b>135(6)</b> (2006), 13	
Zincmelanterite	$\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$	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
Zincochromite	$\text{ZnCr}_2\text{O}_4$	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	$\text{ZnFe}^{3+}_4(\text{SO}_4)_6(\text{OH})_2 \cdot 20\text{H}_2\text{O}$	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	$(\text{Zn}, \text{Al}, \text{Fe})_3(\text{Al}, \text{Fe}, \text{Ti})_8\text{O}_{15}(\text{OH})$	Rn	1994-016	Greece	<i>European Journal of Mineralogy</i> <b>10</b> (1998), 1361	
Zincohögbomite-2N6S	$(\text{Zn}, \text{Al})_7(\text{Al}, \text{Fe}^{3+}, \text{Ti}, \text{Mg})_{16}\text{O}_{31}(\text{OH})$	Rn	2001 s.p.	Greece	<i>Schweizerische Mineralogische und Petrographische Mitteilungen</i> <b>78</b> (1998), 461	

Zincolibethenite	$\text{CuZn}(\text{PO}_4)(\text{OH})$	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	$\text{CuZn}(\text{AsO}_4)(\text{OH})$	A	2006-047	Greece	<i>Doklady Earth Sciences</i> <b>415A</b> (2007), 841	
Zincospioffite	$\text{Zn}_2\text{Te}_3\text{O}_8$	A	2002-047	China	<i>Canadian Mineralogist</i> <b>42</b> (2004), 763	
Zincostauriolite	$\text{Zn}_2\text{Al}_9\text{Si}_4\text{O}_{23}(\text{OH})$	A	1992-036	Switzerland	<i>European Journal of Mineralogy</i> <b>15</b> (2003), 167	<i>American Mineralogist</i> <b>88</b> (2003), 789
Zincovoltaitaite	$\text{K}_2\text{Zn}_5\text{Fe}^{3+}_3\text{Al}(\text{SO}_4)_{12}\cdot 18\text{H}_2\text{O}$	A	1985-059	China	<i>Acta Mineralogica Sinica</i> <b>4</b> (1987), 307	
Zincowoodwardite	$(\text{Zn}_{1-x}\text{Al}_x)(\text{SO}_4)_{x/2}(\text{OH})_2\cdot n\text{H}_2\text{O}$ ( $x < 0.5$ , $n < 3x/2$ )	A	1998-026	Greece	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (2000), 455	
Zincrosasite	$(\text{Zn,Cu})_2(\text{CO}_3)(\text{OH})_2$	Q	1959	Namibia	<i>Fortschritte der Mineralogie</i> <b>37</b> (1959), 87	
Zincroselite	$\text{Ca}_2\text{Zn}(\text{AsO}_4)_2\cdot 2\text{H}_2\text{O}$	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	$\text{Zn}_3\text{Si}_4\text{O}_{10}(\text{OH})_2\cdot 4\text{H}_2\text{O}$ (?)	Q	1962 s.p.	Kazakhstan	Report of the Meeting of the International Committee for the Study of Clays (1960), 45	
Zinczippeite	$\text{Zn}(\text{UO}_2)_2(\text{SO}_4)_2\cdot 3.5\text{H}_2\text{O}$	Rn	1971-008	USA	<i>Canadian Mineralogist</i> <b>14</b> (1976), 429	<i>Canadian Mineralogist</i> <b>41</b> (2003), 687
Zinkenite	$\text{Pb}_9\text{Sb}_{22}\text{S}_{42}$	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	$\text{ZnSO}_4$	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	$\text{K}_3(\text{UO}_2)_4(\text{SO}_4)_2\text{O}_3(\text{OH})\cdot 3\text{H}_2\text{O}$	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	$\text{ZrSiO}_4$	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	$(\text{Ca,Y})\text{Zr}(\text{Ti,Mg,Al})_2\text{O}_7$	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	$\text{K}_2(\text{Na,Ca})(\text{Mn}^{2+},\text{Fe}^{2+})_7(\text{Zr,Nb})_2\text{Si}_8\text{O}_{26}(\text{OH})_4\text{F}$	A	1971-047	Russia	<i>Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva</i> <b>101</b> (1972), 459	
Zircosulfate	$\text{Zr}(\text{SO}_4)_2\cdot 4\text{H}_2\text{O}$	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	$(\text{Ti,Ca,Zr})\text{O}_{2-x}$	Rd	1989 s.p.	Brazil	<i>Mineralogical Magazine</i> <b>11</b> (1895), 80	<i>American Mineralogist</i> <b>68</b> (1983), 262
Zirklerite	$(\text{Fe,Mg})_9\text{Al}_4\text{Cl}_{18}(\text{OH})_{12}\cdot 14\text{H}_2\text{O}$ (?)	Q	1928	Germany	<i>Kali und Verwandte Salze</i> <b>22</b> (1928), 157	
Zirsilite-(Ce)	$(\text{Na},\square)_{12}(\text{Ce,Na})_3\text{Ca}_6\text{Mn}_3\text{Zr}_3\text{NbSi}_{25}\text{O}_{73}(\text{OH})_3(\text{CO}_3)\cdot \text{H}_2\text{O}$	A	2002-057	Tajikistan	<i>Zapiski Vserossiyskogo Mineralogicheskogo Obshchestva</i> <b>132(5)</b> (2003), 40	
Zirsinalite	$\text{Na}_6\text{CaZrSi}_6\text{O}_{18}$	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	$\text{CuNiSb}_2$	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
Znucalite	$\text{CaZn}_{11}(\text{UO}_2)(\text{CO}_3)_3(\text{OH})_{20}\cdot 4\text{H}_2\text{O}$	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	$\text{Ca}_4\text{Mn}^{2+}\text{Fe}^{3+}_4(\text{PO}_4)_6(\text{OH})_4 \cdot 12\text{H}_2\text{O}$	A	1987-014	Portugal	<i>American Mineralogist</i> <b>73</b> (1988), 1179	
Zoisite	$\text{Ca}_2\text{Al}_3[\text{Si}_2\text{O}_7][\text{SiO}_4]\text{O}(\text{OH})$	G	1805	Austria	System of Mineralogy, Vol. 2. Bell and Bradfute, Edinburgh (1805), 597	<i>American Mineralogist</i> <b>92</b> (2007), 1133
Zoltaiite	$\text{BaV}^{4+}_2\text{V}^{3+}_{12}\text{Si}_2\text{O}_{27}$	A	2003-006	Canada	<i>American Mineralogist</i> <b>90</b> (2005), 1655	
Zorite	$\text{Na}_6\text{Ti}_5\text{Si}_{12}\text{O}_{34}(\text{O},\text{OH})_5 \cdot 11\text{H}_2\text{O}$	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	$\text{AgPb}_4\text{Sb}_4\text{S}_{10}$	A	1983-032	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1986), 1	
Zugshunstite-(Ce)	$\text{CeAl}(\text{SO}_4)_2(\text{C}_2\text{O}_4) \cdot 12\text{H}_2\text{O}$	A	1996-055	USA	<i>Geochimica et Cosmochimica Acta</i> <b>65</b> (2001), 1101	
Zunyite	$\text{Al}_{13}\text{Si}_5\text{O}_{20}(\text{OH},\text{F})_{18}\text{Cl}$	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
Zusmanite	$\text{K}(\text{Fe},\text{Mg},\text{Mn})_{13}(\text{Si},\text{Al})_{18}\text{O}_{42}(\text{OH})_{14}$	A	1964-018	USA	<i>American Mineralogist</i> <b>50</b> (1965), 278	<i>Mineralogical Magazine</i> <b>37</b> (1969), 49
Zvyagintsevite	$\text{Pd}_3\text{Pb}$	A	1966-006	Russia	<i>Geologiya Rudnykh Mestorozhdeniy</i> <b>8</b> (1966), 94	<i>Canadian Mineralogist</i> <b>35</b> (1997), 773
Zwieselite	$\text{Fe}^{2+}\text{Mn}^{2+}(\text{PO}_4)\text{F}$	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	$\text{Fe}^{3+}_4(\text{AsO}_4)_3(\text{SO}_4)(\text{OH}) \cdot 15\text{H}_2\text{O}$	A	1976-039	Czech Republic	<i>Neues Jahrbuch für Mineralogie Monatshefte</i> (1978), 134	