

综合
资料

经国际矿物协会(I.M.A.)新矿物与矿物命名委员会
批准1983年发表的新矿物

矿物名称	英文名称	化学成分式	参考文献
锗石	Argutite	Ge O ₂	A.M. 69. 3—4
阿硫铋铅矿	Aschamalmite	Pb ₆ Bi ₂ S ₉	M.M. 48. 4.569
砷铋铅铀矿	Asselbornite	(Pb, Ba)(UO ₂) ₆ (BiO) ₄ [(As, P)O ₄] ₂ (OH) ₁₂ · 3H ₂ O	A.M. 69. 5—6
羟硅铁锰石	Balangeroite	(Mg, Fe ²⁺ , Fe ³⁺ , Mn ²⁺ , □) ₄₂ Si ₁₉ (O, OH) ₉₀	A.M. 68 1—2
碱钒石	Bannermanite	(Na, K) _x V _x ⁴⁺ V _{5-x} ⁵⁺ O ₁₅ (0.90 > x > 0.54)	—68 5—6
氟碳铝钠石	Barentsite	Na ₇ AlH ₂ (CO ₃) ₄ F ₄	—69 5—6
铋黄铋华	Bismutostibiconite	Fe _{0.5} ³⁺ Bi _{1.5} ³⁺ Sb _{1.69} O ₇	M.M. 48.4.570
多水硅钙锰石	Bostwickite	Ca Mn ₈ ³⁺ Si ₃ O ₁₆ · 7H ₂ O	M.M. 47.387.570
钙贝塔石	Calciobetafite	(Ca, La, Th, U) ₂ (Nb, Ta, Ti) ₂ O ₇	A.M. 68 1—2
锡铜钯矿	Cabriite	Pd ₂ Cu Sn	C.M. 21.481, 571
羟锗铁铝石	Carboirite	Fe ²⁺ Al ₂ GeO ₅ (OH) ₂	A.M. 69. 3—4
水硼铝钙矾	Charlesite	Ca ₆ (Al, Si) ₂ (SO ₄) ₂ (B(OH) ₄ (OH, O) ₁₂ · 26H ₂ O	—68. 9—10
水硅锰钙铍石	Chiavennite	Ca Mn Be ₂ Si ₅ O ₁₃ (OH) ₂ · 2H ₂ O	—68. 5—6
铬镱电气石	Chromdravite	(Na _{0.97} Ca _{0.03})(Mg _{2.57} Mn _{0.03} V _{0.22} Al _{0.16} Ti _{0.02}) _{3.00} (Cr _{4.71} Fe _{1.29} Al _{0.21}) _{6.00} (B _{2.91} Al _{0.09}) _{3.00} (Si _{5.81} Al _{0.19}) _{6.00} O ₂₇ (O _{0.23} OH _{3.77}) _{4.00}	69. 1—2
斜硼镁钙石	Clinokurchatovite	Ca Mg B ₂ O ₅	Zap. 112.483
柯水硫钠铁矿	Coyoteite	NaFe ₃ S ₅ · 2H ₂ O	A.M. 68.1—2
辉铋铜铅矿	Eclarite	(Cu, Fe)Pb ₃ Bi ₁₂ S ₂₈	T.M.P.M. 32.103
艾钠大隅石	Eifelite	K Na ₂ Mg _{4.5} Si ₁₂ O ₃₀ 或KNa ₃ Mg ₄ Si ₁₂ O ₃₀	A.M. 69. 5—6
β-褐铈矿	β-Fergusonite(Nd)	(Nd, Ce)NbO ₄ (未经IMA批准)	Sci Geol. Sinica. 78
铁镍铂矿	Ferronickelplatinum	Pt ₂ FeNi	Zap. 112.487
水磷铍隅石	Fransoletite	H ₂ Ca ₃ Be ₂ (PO ₄) ₄ · 4H ₂ O	Bull. 106.499
磷铍铈钠石	Gainesite	Na ₂ Zr ₂ [Be(PO ₄) ₄]	A.M. 68.9—10
葛氯砷铅石	Gebhardite	Pb ₈ (As ₂ ³⁺ O ₆) ₂ OCls 或 Pb ₈ Cl ₆ As ₄ ³⁺ O ₁₁	Njb. Mh. 445.1983
硫汞铜矿	Gortdrumite	(Cu, Fe) ₈ Hg ₂ S ₅	A.M. 69.3—4
铬重晶石	Hashemite	Ba(Cr, S)O ₄	—68. 11—12
碲银铜矿	Henryite	Cu _{8.77} Ag _{3.01} Te _{4.00}	Bull. 106. 511
铈兴安石	Higganite(Yb)	(Yb, Ce)Be SiO ₄ (OH)	Dokl. Akad. Nauk. USSR. 270.1188
水羟磷铝矾	Hotsonite	Al ₁₁ (PO ₄) ₂ (SO ₄) ₃ (OH) ₂₁ · 16H ₂ O	A.M. 69. 9—10

续表

矿物名称	英文名称	化学成分式	参考文献
硅钛锰钠石	Janhaugite	$\text{Na}_3\text{Mn}_3\text{Ti}_2\text{Si}_4\text{O}_{15}(\text{OH}, \text{F}, \text{O})_3$	—, 68.11—12
硫硅钙石	Jasmundite	$\text{Ca}_{22}(\text{SiO}_4)_8\text{O}_4\text{S}_2$	—, 69—5—6
硅铈石	Keiviite	$\text{Yb}_2\text{Si}_2\text{O}_7$	Min. Zh. 5.94
水硅钙锰石	Kittatinnyite	$\text{Ca}_4\text{Mn}_4^{3+}\text{Mn}_2^{2+}\text{Si}_4\text{O}_{16}(\text{OH})_8 \cdot 18\text{H}_2\text{O}$	A.M. 68.9—10
水硅锆钾石	Kostylevite	$\text{K}_4\text{Zr}_2\text{Si}_6\text{O}_{18} \cdot 2\text{H}_2\text{O}$	Zap. 112.469
羟硅钙钠石	Kvanefjeldite	$\text{Na}_4(\text{Ca}, \text{Mn})\text{Si}_3\text{O}_7(\text{OH})_2$	Njb. Mh. 1983.505
氟水铝镁钙矾	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.M. 69.3—4
钛钡铬石	Lindsleyite (Ba)	$\text{A M}_{21}\text{O}_{38}$ Series $\text{A} = \text{Ba}_{0.62}\text{Sr}_{0.41}\text{Ca}_{0.09}\text{Pb}_{0.01}\text{K}_{0.07}\text{Na}_{0.06}\text{REE}_{0.03}$ $\text{M} = \text{Ti}_{11.63}\text{Zr}_{0.87}\text{Al}_{0.11}\text{Cr}_{3.89}\text{Fe}_{2.87}\text{Mg}_{1.49}\text{Nb}_{0.08}$	—68. 5—6
水硅铝钾石	Lithosite	$\text{K}_6\text{Al}_4\text{Si}_8\text{O}_{25} \cdot 2\text{H}_2\text{O}$	—69. 1—2
钙锰锌矾	Lotharmeyerite	$\text{CaMn}^{3+}\text{Zn}(\text{SO}_4)_2\text{OH} \cdot 2\text{H}_2\text{O} (?)$	Min. Record 14/35
水硅锆钠钙石	Loudaunite	$\text{Na Ca}_5\text{Zr}_4\text{Si}_{16}\text{O}_{40}(\text{OH})_{11} \cdot 8\text{H}_2\text{O}$	C.M. 21. 37
水磷铝镁锰石	Lunjokite	$\text{Mn}(\text{Mg}, \text{Fe}, \text{Mn})\text{Al}(\text{PO}_4)_2(\text{OH}) \cdot 4\text{H}_2\text{O}$	Zap 112, 232
钛钾铬石	Mathiasite (K)	$\text{AM}_{21}\text{O}_{38}$ series $\text{A} = \text{K}_{0.66}\text{Ca}_{0.22}\text{Sr}_{0.15}\text{Ba}_{0.10}\text{Na}_{0.05}\text{REE}_{0.05}$ $\text{M} = \text{Ti}_{13.18}\text{Zr}_{0.82}\text{Cr}_{2.87}\text{Fe}_{2.28}\text{Mg}_{1.63}\text{Ca}_{0.22}\text{Nb}_{0.09}$	A.M. 68 5—6
变水丝铀矿	Metastudtite	$\text{UO}_4 \cdot 2\text{H}_2\text{O}$	—68. 3—4
钼砷铜铅石	Molybdoformacite	$\text{Pb}_2\text{Cu}(\text{OH})[(\text{As}, \text{P})\text{O}_4](\text{Mo}, \text{Cr})\text{O}_4$	—69. 5—6
穆水钒钠石	Munirite	$\text{Na}_5\text{V O}_3 \cdot 2\text{H}_2\text{O}$	M.M. 47.391
铋细晶石	Natrobasantite	$(\text{Na}, \text{Cs})\text{Bi}(\text{Ta}, \text{Nb}, \text{Sb})_4\text{O}_{12}$	A.M. .69 3—4
氟碳钙钠石	Nefedovite	$\text{Na}_5\text{Ca}_4(\text{PO}_4)_4\text{F}$	Zap 112. 479
水磷锰铵石	Niahite	$(\text{NH}_4)(\text{Mn}, \text{Mg}, \text{Ca})\text{PO}_4 \cdot 1\text{H}_2\text{O}$	A.M. 69 3—4
水硅钛锆石	Ohmilite	$\text{Sr}_3(\text{Ti}, \text{Fe}^{3+})(\text{Si}_2\text{O}_6)_2(\text{O}, \text{OH}) \cdot 2—3\text{H}_2\text{O}$	—68. 811
水碱黄铜矿	Orickite	$\text{Na}_x\text{K}_y\text{Cu}_{0.95}\text{Fe}_{1.05}\text{S}_2 \cdot \text{ZH}_2\text{O} (x, y < 0.03, Z < 0.5)$	—68. 1—2
硅钴铀矿	Oursinite	$(\text{Co}_{0.86}\text{Mg}_{0.10}\text{Ni}_{0.04})_{0.2}\text{UO}_3 \cdot 2\text{SiO}_2 \cdot 6\text{H}_2\text{O}$	—69, 5—6
副水硅锆钾石	Paraumbite	$\text{K}_3\text{Zr}_2\text{H}(\text{Si}_3\text{O}_9)_2 \cdot n\text{H}_2\text{O} (n \sim 7)$ 或 $(\text{K}, \text{H})_2\text{Zr Si}_3\text{O}_9 \cdot n\text{H}_2\text{O}$	Zap 112. 401
清河石	Qingheite	$\text{Na}_2\text{NaMn}_2\text{Mg}_2(\text{Al}, \text{Fe})_2(\text{PO}_4)_6$	A.M. 69. 5—6
银板硫锑铅矿	Rayite	$\text{Pb}_8(\text{Ag}, \text{Ti})_2\text{Sb}_8\text{S}_{21}$	—69. 1—2
莱粒硅钙石	Reinhardbraunsite	$\text{Ca}_8(\text{SiO}_4)_2(\text{OH}, \text{F})_2$	Njb. Mh. 119.1983
硫铅铈矿	Rhodplumsite	$\text{Rh}_8\text{Pb}_2\text{S}_2$	Min. Zh. 5.87
砷锑钙铜石	Richelsdorffite	$\text{Ca}_2\text{Cu}_5\text{Sb}[\text{Cl}/(\text{OH})_6/(\text{AsO}_4)]_4 \cdot 6\text{H}_2\text{O}$	A.M. 69.1—2
水铅铀矿	Sayrite	$\text{Pb}_2[(\text{UO}_2)_5\text{O}_6(\text{OH})_2] \cdot 4\text{H}_2\text{O}$	—, 69. 5—6
钒铋石	Schumacherite	$\text{Bi}_3\text{O}(\text{OH})(\text{VO}_4)_2$	TMPM. 31.165
磷硅钛钙钠石	Sobolevite	$\text{Na}_{14}\text{Ca}_2\text{MnTiP}_4\text{Si}_4\text{O}_{34}$	Zap. 112.456
斯里兰卡石	Srilankite	ZrTi_2O_6	A.M. 69.1—2

续表

矿物名称	英文名称	化学成分式	参考文献
碲铁钙矾	Sturmanite	$\text{Ca}_6(\text{Fe}_{1.5}^{2+}\text{Al}_{0.5}\text{Mn}_{0.2}^{2+})_2(\text{SO}_4)_{2.3}[\text{B}(\text{OH})_4]_{1.2}(\text{OH})_{12} \cdot 25\text{H}_2\text{O}$	C.M. 21. 705
钽石	Tantite	Ta_2O_5	Min. zh. 5. 90
水硅锆钠石	Terskite	$\text{Na}_4\text{ZrSi}_6\text{O}_{16} \cdot 2\text{H}_2\text{O}$	Zap. 112. 226
托氯铜石	Tolbachite	Cu Cl_2	A.M. 69 3—4
水磷铀铈矿	Tristramite	$\text{Ca}(\text{U}^{4+}, \text{Fe}^{3+})[\text{PO}_4, \text{SO}_4, \text{CO}_3] \cdot 1\frac{1}{2} - 2\text{H}_2\text{O}$	M.M. 47. 393
碲锡锰石	Tusionite	$\text{Mn Sn}(\text{BO}_3)_2$	Dokl. Akad. Nauk USSR. 272. 1449
水硅锆钾石	Umbite	$\text{K}_2(\text{Zr}_5 \cdot \text{Ti}_2)\text{Si}_3\text{O}_9 \cdot \text{H}_2\text{O}$	Zap. 112. 461
针硅铀矿	Uranosilite	$\text{UO}_3 \cdot 7\text{SiO}_2$	A.M. 69. 3—4
水磷镁铁石	Ushkovite	$\text{Mg Fe}_2^{3+}(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	—, 69. 1—2
羟硅铝钇石	Vyuntspakchkite	$\text{Y}_4\text{Al}_2\text{Si}_5\text{O}_{18}(\text{OH})_5$	Min. Zh 5. 89
瓦兹利石	Wadsleyite	$\beta\text{-(Mg, Fe)}_2\text{SiO}_4$	C.M. 21. 29
水砷钙锰石	Wallkilldellite	$\text{Ca}_4\text{Mn}_6^{2+}\text{As}_2^{5+}\text{O}_{16}(\text{OH})_8 \cdot 18\text{H}_2\text{O}$	A.M. 68. 9—10
水氟铝镁矾	Wilcoxite	$\text{Mg Al}(\text{SO}_4)_2 \cdot \text{F} \cdot 18 \text{H}_2\text{O}$	—, 69. 3—4
水磷铁钙锰石	Wilhelmvierlingite	$(\text{Ca}_2, \text{Zn}) \text{Mn Fe}^{3+} [\text{OH}][\text{PO}_4]_2 \cdot 2\text{H}_2\text{O}$	—, 69. 5—6

新矿物与矿物命名委员会 郭宗山、赵春林、王濮、罗谷风、刘鸾玲、关雅先供稿



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矿物名称	英文名称	化学成分式	参考文献
砷锑铝石	Arsenogoyazit	$\text{SrAl}_3(\text{AsO}_4)_2(\text{OH})_3 \cdot \text{H}_2\text{O}$	Schweiz Min petro Mitt 64 11—19
钛钽矿	Berdesinskiite	V_2TiO_5	A. M. 68 9—10
羟砷钙铍石	Bergslagite	$\text{Ca Be As O}_4(\text{OH})$	M.M. 48. 4. 570
硫铋铈矿	Bowieite	$(\text{Rh}, \text{Ir}, \text{Pt})_2\text{S}_8$	C.M.22.4. P 543
水羟砷铝石	Bulachite	$\text{Al}_2(\text{AsO}_4)(\text{OH})_3 \cdot 3\text{H}_2\text{O}$	Der Aufschluss 34. 445
氯铜碱矾	Caratiite	$\text{K}_4\text{Cu}_4\text{O}_2(\text{SO}_4)_4 \text{ MeCl}(\text{Me}: \text{Na} \& / \text{or Cu})$	M.M.48.4.537—9
水铋铝铜石	Cuastibite	$\text{Cu}_6\text{Al}_3\text{Sb}_3\text{O}_{18} \cdot 16\text{H}_2\text{O}$	Chem.d,erde Hf43 P.255
硅钾钛石	Davanite	$\text{K}_2\text{TiSi}_8\text{O}_{18}$ Ti-analogue of Dalyite	Zap. 113. 95
斜方锰顽辉石	Donpeacorite	$(\text{Mn}, \text{Mg})\text{Mg Si}_2 \text{O}_6$	A. M. 69 5—6
督三水铝石	Doylite	$\text{Al}(\text{OH})_3$ a new polymorph of $\text{Al}(\text{OH})_3$	C. M. 23. 1. P21.85
褐磷锰高铁石	Earlshannonite	$\text{Mn Fe}_2^{3+}(\text{PO}_4)_2(\text{OH})_2 \cdot 4\text{H}_2\text{O}$ The Mn-analogue of whitmoreite	C. M. 22. 3. 471
硫铋铜铅矿	Eclarite	$(\text{Cu}, \text{Fe})\text{Pb}_9\text{Bi}_{12}\text{S}_{21}$	Tschermaks Min Petro Mitt 32. 103
伊辉叶石	Eggletonite	$(\text{Na}_{.82}\text{K}_{.14}\text{Ca}_{.39}\square_{.39})_2(\text{Mn}_{6.61}\text{Zn}_{.32}\text{Mg}_{.16}\text{Fe}_{.61}\text{Al}_{.56})_8(\text{Si}_{10.33}\text{Al}_{1.67})_{12}[(\text{O}_{22.92}(\text{OH})_{3.08})_{32}(\text{OH})_4 \cdot 10.66\text{H}_2\text{O}]$	M.M.48. P93
铁施特伦茨石	Ferrostrunzite	$\text{Fe}^{2+}\text{Fe}_2^{3+}(\text{PO}_4)_2(\text{OH})_2 \cdot 6\text{H}_2\text{O}$	Njb Mh 1983. 524
水泥钠矿	Franconite	$(\text{Na}, \text{Ca})_2(\text{Nb}, \text{Ti})_4\text{O}_{11} \cdot n\text{H}_2\text{O} (n \approx 9)$	C.M. 22. 239
水磷铁镁石	Garyansellite	$(\text{Mg}_{1.45}\text{Fe}_{1.39}^{3+}\text{Mn}_{.14}\text{Al}_{.01}\text{Fe}_{.01}^{2+})_3(\text{PO}_4)_{1.9}(\text{OH})_{1.48} \cdot 1.52\text{H}_2\text{O}$	A. M. 69 207
日内瓦石	Geneveite	$(\text{Cu}, \text{Zn})_9(\text{AsO}_4)_2(\text{OH})_{12} \cdot 2\text{H}_2\text{O}$ Chem~ Theisite $\text{Cu}_5\text{Zn}_5[(\text{As}, \text{Sb})\text{O}_4]_2(\text{OH})_{14}$	Arch Sc Genève. 36. 163
乔治赵石	Georgechaoite	$\text{NaKZrSi}_3\text{O}_9 \cdot 2\text{H}_2\text{O}$	C.M.23.1.P1.85
砷钙锰石	Grischunit	$\text{Ca Mn}_2(\text{AsO}_4)_2$	Schweiz Min Petro Mitt, 64 1/2 1—10
水羟磷铝矾	Hotsonite	$\text{Al}_{11}(\text{PO}_4)_2(\text{SO}_4)_3(\text{OH})_{21} \cdot 16\text{H}_2\text{O}$	A. M. 69. 9—10
硫铋铋铜矿	Jaskolskiite	$\text{Pb}_{2.4}\text{xCu}_x(\text{Sb}, \text{Bi})_{2-x}\text{S}_8 \text{ Sb} > \text{Bi}, x = 0.15$	C.M.22.3 487
羟硅铍钙石	Jeffreyite	$(\text{Ca}, \text{Na})_2(\text{Be}, \text{Al})\text{Si}_2(\text{O}, \text{OH})_7$	C.M 22.3. 443
钾钛石	Jeppeite	$(\text{K}, \text{Ba})_2(\text{Ti}, \text{Fe})_6\text{O}_{13}$	M.M. 48. 263
羟硅锰石	Jerrygibbsite	$\text{Mn}_9(\text{SiO}_4)_4(\text{OH})_2$	A M. 69 5—6
水砷氢铁石	Kaatialaite	$\text{Fe}(\text{H}_2\text{AsO}_4)_3 \cdot 5\text{H}_2\text{O}$	A. M. 69. 363
卡米图加石	Kamitugaite	$\text{PbAl}(\text{UO}_2)_5[(\text{P}, \text{As})\text{O}_4]_2(\text{OH})_9 \cdot 9\frac{1}{2}\text{H}_2\text{O}$	Bull. Min 107. 1, 15
加藤石	Katoite	$\text{Ca}_3\text{Al}_2(\text{OH})_{12}$	Bull.Min. 107. 5 P605

续表

矿物名称	英文名称	化学成分式	参考文献
硫钨锡铜矿	Kiddcreekite	Cu_6SnWS_2	C.M.22.227
羟磷锌铜石	*Kipushite	$(\text{Cu}, \text{Zn})_6\text{Zn}(\text{OH})_6(\text{H}_2\text{O})(\text{PO}_4)_7$	C.M.231.P.35.85
羟硅钙钠石	Kvanefieldite	$\text{Na}_4(\text{Ca}, \text{Mn})(\text{Si}_3\text{O}_7\text{OH})_2$	C.M.22.3.P465
硫铋镍铜矿	Lapieite	CuNiSbS_2	C.M.22.4.P561
淡硬绿泥石	Lennilenaite	$\text{K}_{6-7}(\text{Mg}, \text{Mn}, \text{Fe}^{2+}, \text{Fe}^{3+}, \text{Zn})_{48}(\text{Si}, \text{Al})_{72}(\text{O}, \text{OH})_{116} \cdot 16\text{H}_2\text{O}$	C.M.22.P.259
羟硅铁石	Macaulayite	$\text{Fe}_2^{3+}\text{Si}_2\text{O}_7(\text{OH})_2$ 约7%的 Fe^{3+} 被 Al 取代	M.M.48 P.127
亚硫酸铅石	Macphersonite	$\text{Pb}_4(\text{SO}_4)(\text{CO}_3)_2(\text{OH})_2$	M.M.48.277
镁沙川闪石	Magnesiosadanagaite	$(\text{K}, \text{Na})\text{Ca}_2(\text{Mg}, \text{Fe}^{2+}, \text{Al}, \text{Fe}^{3+}, \text{Ti})_5[(\text{Si}, \text{Al})_8\text{O}_{22}(\text{OH})_2] \text{ Mg} > \text{Fe}^{2+}$	A.M.69 5—6
镁重钼锰矿	**Manganotapiolite	$(\text{Mn}, \text{Fe})_2(\text{Ta}, \text{Nb})_4\text{O}_{12}$	Bull. Geol. Soc. Finland 55.2.101
曼廷尼石	Mantiennite	$(\text{K}_{0.5}, \text{Na}_{0.5})(\text{Mg}_{1.5}, \text{Fe}^{3+}_{0.5})_2\text{Al}_2\text{Ti}(\text{PO}_4)_4(\text{OH})_2 \cdot 15\text{H}_2\text{O}$	Bull. Min. 107. 6. 737
水硅铋钙钾石	Minehillite	$(\text{K}, \text{Na})_{2-3}(\text{Ca}, \text{Mn}, \text{Fe}, \text{Mg}, \text{Zn})_{38}[\text{Zn} \sim 4\text{Al}_4\text{Si}_{40}\text{O}_{112}(\text{OH})_4](\text{OH})_{12}$	A. M. 69. 11—12 1984.
莫石英	Moganite (IMA 未批准)	SiO_2	Njb. Mh 7. S, 298
水磷铝铀云母	Moreauite	$\text{Al}_3\text{UO}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 13\text{H}_2\text{O}$	Bull. de Min. 108.1.85.P9
硫钒锡铜矿	Nekrasovite	$\text{Cu}_{26}\text{V}_2\text{Sn}_6\text{S}_{32}$	Min. Zh. 6. 58
砷热奥石	Nelenite	$(\text{Mn}, \text{Fe})_{16}\text{Si}_{12}\text{O}_{30}(\text{OH})_{14}\text{As}_3^{3+}\text{O}_6(\text{OH})_3$	M. M. 48. 271
纤磷石	Phosphofibrite	$\text{KCuFe}_3^{3+}(\text{PO}_4)_{12}(\text{OH})_{12} \cdot 12\text{H}_2\text{O}$	Chemie der. Erde 43.4
叶铁钨华	Phyllotungstite	$\text{CaFe}_3\text{H}(\text{WO}_4)_6 \cdot 10\text{H}_2\text{O}$	Njb. Mh, 12. 529
钾铜矾	Piypite	$\text{K}_2\text{Cu}_2\text{O}(\text{SO}_4)_2$	Dokl. Akad. Nauk. USSR 275
半水羟碳镁石	Pokrovskite	$\text{Mg}_2\text{CO}_3(\text{OH})_2 \cdot \frac{1}{2}\text{H}_2\text{O}$	Zap. 113. 90
莱卡石	Rankachit	$(\text{CaO})_{0.5}(\text{FeO})_{0.5} \cdot \text{V}_2\text{O}_5 \cdot 4\text{WO}_3 \cdot 6\text{H}_2\text{O}$	Njb. Mh. 7. P. 298
羟铈镧锰石	Retzian (La)	$\text{Mn}_2\text{La}(\text{AsO}_4)(\text{OH})_4$	M.M.48.4 533-5
沙川闪石	Sadanagaite	$(\text{K}, \text{Na})\text{Ca}_2(\text{Fe}^{2+}, \text{Mg}, \text{Al}, \text{Fe}^{3+}, \text{Ti})_5[(\text{Si}, \text{Al})_8\text{O}_{22}(\text{OH})_2] \text{ Si} < 5.5$	A.M.69. 5—6
羟蔷薇辉石	Santaclaraite	$\text{CaMn}_4[\text{Si}_5\text{O}_{14}(\text{OH})](\text{OH})\text{H}_2\text{O}$	A. M. 69. 1—2
羟碳锌铜矾	Schulenbergite	$(\text{Cu}, \text{Zn})_7(\text{SO}_4/\text{CO}_3)_2(\text{OH})_{14} \text{ or } (\text{OH})_{10} \cdot 3\text{H}_2\text{O}$	Njb. Mh. 17.1983; Njb. 1984.1
苏格兰石	Scotlandite	PbSO_4	M.M. 48. 283
水氯羟锌石	*Simonkolleite	$\text{Zn}_5(\text{OH})_8\text{Cl}_2 \cdot \text{H}_2\text{O}$	Njb. 1985. Hf. 4
水磷铝锰石	Sinkankasite	$\text{H}_2\text{MnAl}(\text{PO}_4)_2(\text{OH}) \cdot 6\text{H}_2\text{O}$	A. M. 69 3—4. 380
斯特拉基石	Straczekeite	$(\text{Ca}_{0.39}\text{Ba}_{0.31}\text{K}_{0.33}\text{Na}_{0.11})(\text{V}_1^{4+}\text{V}_{0.5}^{5+}\text{V}_{0.5}^{6+}\text{Fe}_{0.5}^{3+})\text{O}_{20-0.2}(\text{H}_2\text{O})_{2-9}$	M.M. 48. 289.
锶硅钛铈铁矿	Strontiochevkinite	$(\text{Sr}_2[\text{La}, \text{Ce}]_{1-5}\text{Ca}_{0.5})_4(\text{Fe}_2^{2+}\text{Fe}_3^{3+}(\text{Ti}, \text{Zr})_2\text{Ti}_2\text{Si}_4\text{O}_{22})$	South. Am. Contrib. Min. Petro 84 365

续表

矿物名称	英文名称	化学成分式	参考文献
四方羟锌石	Sweetite	$\text{Zn}(\text{OH})_2$	M.M. 48. 267
等轴锶钛石	Tausonite	SrTiO_3	ZaPisKi Vses Min obsch. 113. 83
磷钾铝石	Tinsleyite	$\text{KAl}_2(\text{PO}_4)_2(\text{OH}) \cdot 2\text{H}_2\text{O}$	A.M. 69. 3—4. 374
羟磷锂铍石	*Tiptopite	$(\text{Li}, \text{K}, \text{Na}, \text{Ca}, \square)_8\text{Be}_6(\text{PO}_4)_6(\text{OH})_4$	C.M.23.1.P. 43. 85
桐柏矿	Tongbaite	Cr_3C_2	Acta Mineralogica sinica 4. 241
钠铁坡缕石	Tuperssuatsiaite	$\text{Na Fe}_3 \text{Si}_6\text{O}_{20}(\text{OH})_2(\text{H}_2\text{O})_2 \cdot \text{ZH}_2\text{O} \quad \text{Z} \approx 2$	Njb. Mh. T. 11. P-521
硫锑锰银铅矿	Uchucchacuaite	$\text{Ag Mn Pb}_3\text{Sb}_5\text{S}_{12}$	Bull. Min. 107. 5. 597
碳钙铀矿	Uranocalcarite	$\text{Ca}(\text{UO}_2)_3\text{CO}_3(\text{OH})_6 \cdot 3\text{H}_2\text{O}$	Bull. Min. 107. 1. P21
钨铀华	*Uranotungstite	$(\text{Fe}, \text{Ba}, \text{Pb})(\text{UO}_2)_2\text{WO}_4(\text{OH})_4 \cdot 12\text{H}_2\text{O}$	TMPM, 34. 1. 85
瓦伦特石	Walentaite	$\text{H}_4(\text{Ca}, \text{Mn}, \text{Fe})_4\text{Fe}_{1\frac{1}{2}}(\text{AsO}_4)_{10}(\text{PO}_4)_6 \cdot \sim 28\text{H}_2\text{O}$	Njb. Mh 169—174
钾菱沸石	Willhendersonite	$\text{K Ca Al}_3 \text{Si}_3 \text{O}_{12} \cdot 5\text{H}_2\text{O}$	A. M. 69. 186
正羟锌石	*Wilfingite	$\varepsilon\text{—Zn}(\text{OH})_2$	Njb 1985 Hf 4
锡铁山石	Xietieshanite	$\text{Fe}^{3+}(\text{SO}_4)(\text{OH}) \cdot 7\text{H}_2\text{O}$ (成分有更改)	A. M. 69 11—12
沂蒙矿	Yimengite	$\text{K}(\text{Cr}, \text{Ti}, \text{Fe}, \text{Mg})_{12}\text{O}_{19}$	科学通报 15. 932

注 名称前加*者为85年发表矿物
名称前加**者为83年补充发表矿物

新矿物与矿物命名委员会

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