

TABLE 1. ALPHABETICAL INDEX OF NEW
MINERALS, DISCREDITED MINERALS, AND
CHANGES OF MINERALOGICAL
NOMENCLATURE, VOLS. 1-50
(1916-1965), *THE AMERICAN
MINERALOGIST*

In this table, entries are given with volume numbers and page numbers. Because there has been one volume per year, the year is not given; it is obtained by adding the volume number to 1915.

New minerals considered to be valid species are in **bold face** and the composition is indicated. For minerals not considered to be valid, relations to other minerals are indicated in two ways. An entry such as:

Absite (=thorian Brannerite) **41**, 166

means that this was the opinion of the *abstractor* of the paper referred to, or the opinion of the compiler; an entry such as:

Absite = Brannerite **48**, 1419-1420

means that this was the opinion of the *author* of the paper referred to. In either case, there is also given a suitable reference under Brannerite.

Votes of the Commission on New Minerals and Mineral Names, I.M.A., are indicated by the following symbols:

*—Name approved by the Commission

†—Name disapproved by the Commission

‡—Name disapproved by the Commission because of incomplete data, later approved on the basis of a fuller description

§ —Name first approved by the Commission, but later disapproved

||—Vote of Commission indecisive

TABLE 1

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Ablykite (= Halloysite?)	25 , 768
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- Sub-melilite (hypothetical end-member CaSi_3O_7) 14, 389–407
- ||Sudoite (dioctahedral Al-rich Chlorite) 48, 213–214
- †Sulfate-monazite (= sulfatian Monazite) 47, 417–418
- Sulfur, see daiton-sulfur and rubber-sulfur
- garibaldite 7, 213
- rosickyite 36, 639
- 17, 251–252
- †Sulunite (= iron-rich Chlorite) 45, 478–479
- Sundtite = Andorite-IV 39, 161–171
- Sundiussite (Amphibole end-member $\text{Na}_2\text{CaMg}_3\text{Al}_2$
(Si_6Al_2) $\text{O}_{22}(\text{OH})_2$) 50, 1507
- Suomite (= tantallic ocher) 36, 639
- Sursassite, $\text{Mn}_5\text{Al}_4\text{Si}_6\text{O}_{21} \cdot 3\text{H}_2\text{O}$ (?) 12, 380
- Svanbergite, see harttite 36, 927
- tikhvinit 13, 491
- †Svitalskite (= Celadonite) 48, 1181–1182
- Swartzite**, $\text{CaMg}(\text{UO}_2)(\text{CO}_3)_3 \cdot 12\text{H}_2\text{O}$ 34, 274; 36, 1–22
- Swedenborgite**, $\text{NaBe}_4\text{SbO}_7$ 10, 40; 19, 287; 20, 492–501
- Sychnodymite = Carrollite 5, 124–125; 20, 69–80
- Synadelphite, identity of allodelphite with
see plumbosynadelphite 22, 526–533
- 22, 526–533
- Sysertskite, see irosite 36, 638
- *Szaibelyite, preferred name 49, 224
- identity of camsellite with 13, 11, 230–232
- identity of ascharite, beta-ascharite, and
camsellite with 27, 467–486
- see alumoferroascharite 42, 582–583; 49, 1501
- magnesiumsussexite 17, 509–513
- Szolnokite, new data 14, 79
- see magnesium szolnokite 46, 243
- Taaffeite**, $\text{BeMgAl}_4\text{O}_8$ 37, 360–361
- Tabulite (allevardite) = Rectorite 37, 135; 49, 446
- ***Tacharanite**, $(\text{Ca}, \text{Mg}, \text{Al})(\text{Si}, \text{Al})\text{O}_3 \cdot \text{H}_2\text{O}$ 47, 173
- Tagilite = Pseudomalachite 35, 365–385
- Takizolite (a clay) 14, 440
- Talasskite (partially oxidized Fayalite) 22, 810–811
- Talc, see gavite 4, 132
- Talktriplite = ferroan Wagnerite 42, 586
- Tallingite = Connellite 36, 642
- §Talmessite = Belovite (of Nefedov) 45, 1315; 50, 813
- Tamarugite, identity of lapparentite with 26, 235–236
- Tanatarite 13, 493
- = Diaspore 27, 62
- †Tangaite 45, 910
- = Redondite 49, 445–446
- Tangeite**, $\text{CaCu}(\text{VO}_4)(\text{OH})$ 12, 380
- Tangenite (= titanian Betafite (??)) 36, 640
- Tantalite, see olovotantalite 46, 1514
- Tantalorutile (= Strüverite) 27, 333
- †Tantalum = tantalum carbide 47, 786–787

Tanteuxenite , (Y, Ce, Ca)(Ta, Nb, Ti) ₂ (O, OH) ₆	13, 467; 14, 340
identity of delorenzite with	45, 756
Taosite	21, 678
= Högbomite	37, 136
Tapiolite, see hjelmite	46, 1520
Taramellite,	
(Ba, Ca, Na) ₄ (Fe, Mg)Fe ₂ ⁺³ TiSi ₄ O ₁₂ (OH) ₄ ,	
new data	44, 470-471
Taramite (an Amphibole)	11, 219
Taranakite, identity of minervite and palmerite	
with	32, 702
Tatarkaite = a chlorite	50, 2111
* Tatarskite , Ca ₃ Mg(SO ₄)(CO ₃)Cl ₂ (OH) ₂ ·3½H ₂ O	49, 1151-1152
Tavorite , LiFe(PO ₃)(OH)	39, 849; 40, 952-966
Taylorite = ammonian Arcanite	36, 590-602
Tchinglusuite = Chinglusuite	25, 253
Teallite, see pufahlite, zinctallite	12, 381
Teepleite , Na ₂ B ₂ O ₄ ·2NaCl·4H ₂ O	24, 48-52
Teineite , CuTeO ₃ ·2H ₂ O	24, 658; 46, 466-467
Telegdite (a resin containing S)	13, 72
Tellite (name for an unanalyzed sulfosalt (?))	36, 641
Tellurbismuth = Tellurobismuthite	
Tellurobismuthite, Bi ₂ Te ₃ , redefinition	25, 208
new data	26, 294
identity of vandiesticite with	25, 208
see stibiotellurobismuthite	43, 1223
Temiskamite = Maucherite	12, 79; 25, 379
*Tenorite, preferred name	49, 224
see condrurrite	44, 210
Tephroite, see iron tephroite	24, 659
manganknebelite	24, 659
Termierite (= a mixt. of clay minerals)	42, 586
Ternovskite (an Amphibole near Riebeckite)	12, 326
Tertschite , Ca ₄ B ₁₀ O ₁₉ ·20H ₂ O	39, 849
Tetragophosphite = Lazulite	44, 910
*Tetrahedrite, preferred name	49, 224
identity of falkenhaynite with	39, 852
identity of stylopyrite with	36, 697-703
see goldfieldite	32, 254
Tetrakalsilite , (K, Na)AlSiO ₄	42, 286
Thaumasite, see unnamed silicate K	26, 376; 38, 629-633
Thermokallite = mixt. Trona, Nahcolite, etc.	14, 40; 15, 84
Thermonatrite, see unnamed sodium carbonate	49, 1154
Thermophyllite = Serpentine	21, 463-503
†Thierschite = Whewellite	47, 786
Thioelaterite (S-rich elaterite)	23, 542
Thomsenolite, see hagemannite	33, 86-87, 195; 34, 383-397
Thomsonite, identity of echellite with	18, 31
identity of faroelite with	11, 82-89
identity of harringtonite with	10, 202

- identity of strontiumthomsonite with 50, 2100–2101
 identity of uigite with 45, 756
Thorbastnaesite, Th (Ca, Ce)(CO₃)₂F₂·3H₂O 50, 1505
Thoreaulite, SnTa₂O₇ 19, 236
 Thorianite, see aldanite 40, 369
 Thorite, identity of wisaksonite with 39, 825–829
 new data 38, 1007–1018
 see enalite 18, 223
 Ferrothorite 14, 78
 Thoro-aeschnynite (= thorian Aeschnynite) 50, 2101
 Thorogummite, identity of hyblite, hydrothorite,
 mackintoshite, maitlandite, and nicolayite with 38, 1007–1018
 see jiningite 45, 755
 mozambikite 45, 1316–1317
 pilbarite 42, 908–910
 shentulite 45, 755
 yanshainshynite 46, 1200–1201
 ***Thorosteenstrupine**, (Ca, Th, Mn)₃Si₄O₁₁F·6H₂O 48, 433–434
 Thorotungstite 13, 159
 name changed to ytrotungstite 36, 641
Thortveitite, (Sc, Y)₂Si₂O₇ 7, 195–196
 probable identity of befanamite with 11, 137
Thorutite, (Th, U, Ca)Ti₂(O, OH)₆ 43, 1007; 48, 1419–1420
 Thucholite (organic matter + Uraninite) 13, 419–448; 15, 499–520;
 38, 802–814
 Tibergite (an Amphibole) 9, 4 (Min. Abs.)
 Tiemannite, see lehrbachite 15, 84
Tikhonkovite, SrAlF₄(OH)·H₂O 49, 1774–1775
 Tikhvinitite (= Svanbergite (?)) 13, 491
 Tilkerodite = mixt. Clausthalite + Cobaltite 15, 84
Tilleyite, Ca₂SiO₄·CaCO₃ 18, 469–477
 beta-tin = SnS 9, 144
Tinaksite, NaK₂Ca₂TiSi₇O₁₉(OH) 50, 2098–2099
 Tinkalite (= Borax) 36, 639
 †Tin-tantalite (= stannian Tantalite or perhaps
 Wodginite) 46, 1514
 Tinticite, Fe₃(PO₄)₂(OH)₃·3½H₂O 31, 395–400; 47, 1187–1189
 Tinzenite 10, 108; 13, 202
 = manganoan Axinite 38, 1148–1158
 Tirodite (an Amphibole) 25, 380
 Titanhydroclinohumite (= titanian Clinohumite) 5, 136
 Titan-lavenite (= titanian Lavenite) 26, 135
 †Titanio-aeschnynite (= Aeschnynite) 47, 417
 Titano-elpidite 12, 295–296
 name changed to Labuntsovite 41, 163
 Titanolivine = titanian Clinohumite 5, 136
 Titanomagnetite (cubic solid solutions of Ilmenite
 in Magnetite) 15, 203
 †Titanorhabdophane 47, 419–420
 renamed Tundrite 50, 2097–2098

Tobermorite, redefined as $\text{Ca}_5\text{Si}_6\text{O}_{16}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$	39, 407, 1038–1039
see crestmoreite	3, 19; 39, 405
riversideite	39, 405
†Toddite	11, 332–334
= mixt. Columbite + Samarskite	47, 1363–1379
Todorokite , $(\text{Mn}, \text{Ba}, \text{Ca}, \text{Mg}, \text{Zn})\text{Mn}_3^{+4}\text{O}_7 \cdot \text{H}_2\text{O}$	20, 678; 38, 761–769;
	45, 802–807, 1166–1184;
	47, 59–66
Torendrikite (an Amphibole)	7, 212–213
Törnebohmite , $\text{Ce}_2\text{Si}_2\text{O}_3(\text{OH})$	6, 118–119
Tornieillite (= Allophane (?))	25, 155
Torreyite , (delta-Mooreite), $(\text{Mg}, \text{Mn}, \text{Zn})_7(\text{SO}_4)(\text{OH})_{12} \cdot 4\text{H}_2\text{O}$	34, 589–595
Tosudite (interlayered dioctahedral Chlorite and Montmorillonite)	49, 816
Tourmaline, see iochroite	6, 70
pierrepontite	11, 54
verdelite	24, 406
Trachyaugite (a Pyroxene)	12, 356
†Transvaalite = Heterogenite	26, 632; 48, 217
* Traskite , $\text{Ba}_3\text{Fe}_2\text{Ti}_2\text{Si}_{12}\text{O}_{36}(\text{OH}, \text{Cl}, \text{F})_6 \cdot 6\text{H}_2\text{O}$	50, 279, 314–340,
	1500–1503
Traversite (= Iddingsite)	12, 95–96
Traversoite (= Chrysocolla)	10, 108
Treanorite	26, 375
= Allanite	29, 456
Trechmannite-alpha (a sulfosalt (?))	5, 136
Tremolite, see mangantremolite	24, 659–660
Trevorite , NiFe_2O_4	8, 37; 9, 98
Trichalcite = Tyrolite	33, 193; 42, 123
Tridymite, identity of christensenite with	38, 866–867
†Trieuieite = cuprian Heterogenite	21, 270; 24, 657; 26, 632;
	48, 217
Trigonalite , $\text{HMnPb}_3(\text{AsO}_3)_3$	6, 92–93
Trigonomagneborite (= Macallisterite)	50, 2110–2111
Trikalsilite , $(\text{K}, \text{Na})\text{AlSiO}_4$	42, 286
Trimerite, $\text{Be}(\text{Ca}, \text{Mn})\text{SiO}_4$, new data	12, 381
†Triphane = Spodumene	49, 224
Tripuhyite, identity of flajolotite with	39, 405
identity of jujuyite with	34, 133
Trogtalite , CoSe_2	41, 164–165
Trolleite, $\text{Al}_5(\text{PO}_4)_4(\text{OH})_4$, new data	50, 267
Trona, see thermokalite	14, 40; 15, 84
Trudellite , $\text{Al}_{10}(\text{SO}_4)_3\text{Cl}_{12}(\text{OH})_{12} \cdot 30\text{H}_2\text{O}$	11, 42
Truscottite, $\text{Ca}_2\text{Si}_4\text{O}_{10} \cdot \text{H}_2\text{O}$	13, 202; 50, 268
perhaps = Reyerite	44, 470
Trüstedtite , Ni_3Se_4	50, 519–520
Tscherwinkite (a ferric phosphate)	36, 640
Tsumebite, $\text{Pb}_2\text{Cu}(\text{PO}_4)(\text{OH})_3 \cdot 3\text{H}_2\text{O}$, new data	23, 772–782
Tucanite (= Scarbroite)	50, 1504–1505

† Tugtupite , $\text{Na}_4\text{BeAlSi}_4\text{O}_{12}\text{Cl}$	46, 241; 48, 1178
Tuhualite , near (Na, K) $_2(\text{Fe}^{+2}, \text{Fe}^{+3}, \text{Al})_3\text{Si}_7\text{O}_{18}(\text{OH})_2$	41, 959
Tundrite (titanorhabdophane), $\text{Ce}_2\text{Ti}(\text{Si}, \text{P})(\text{O}, \text{OH})_7 \cdot 4\text{H}_2\text{O}$	47, 419–420; 50, 2097–2098
* Tunellite , $\text{SrB}_6\text{O}_{10} \cdot 4\text{H}_2\text{O}$	47, 416; 49, 1549–1568
Tungstenite , WS_2	3, 30
NOTE: (sometimes erroneously given as a translation from German or Russian for Wolframite)	
Turgite = Goethite or Hematite	5, 20–21
Turquoise, new data	43, 1224
identity of henwoodite with	46, 1520
see callainite	28, 64
coeruleolactite	28, 64; 43, 1224
planerite	43, 1224; 47, 1221–1222
rashleighite	33, 786
†Tusiite (= Calciocopiapite)	47, 807–808
Tuvite (doubtful Fe, Co, Ni arsenate)	45, 256
Tuxtlite (= Pyroxene, diopside-jadeite)	9, 18
†Tynite, $\text{Ca}_3(\text{Fe}, \text{Mg})_7(\text{Fe}, \text{Al})_2(\text{SiO}_3)_{12}(\text{OH})_2 \cdot \text{H}_2\text{O}$	47, 1483
Tyrolite, identity of trichalcite with	33, 193; 42, 123
Tyrellite , $(\text{Cu}, \text{Co}, \text{Ni})_3\text{Se}_4$ (?)	37, 542–544
Tysonite = Fluocerite	6, 119
†Ufertite = Davidite	43, 378–379; 49, 447
†Ugite = Thomsonite	45, 756
Uklonskovite , $\text{NaMg}(\text{SO}_4)(\text{OH}) \cdot 2\text{H}_2\text{O}$	50, 520–521
Ulexite, see boydite	16, 338
Ullmannite, see kallilite	8, 36
Ulmite (humic acid (?))	8, 37
Ulrichite (= Uraninite)	11, 219
Ultrabasite	6, 63–64
= Diaphorite	26, 435–436
Ulvöspinel , TiFe_2O_4	40, 138
Umangite, see zorgite	15, 84
Umohoite , $(\text{UO}_2)\text{MoO}_4 \cdot 2\text{H}_2\text{O}$	42, 657–660; 44, 920–925; 1248–1260
Ungemachite , $\text{Na}_8\text{K}_3\text{Fe}(\text{SO}_4)_6(\text{OH})_2 \cdot 10\text{H}_2\text{O}$	22, 207; 23, 314–328

Unnamed Minerals

Arranging these in some order that makes it possible to find them is difficult; they have been arranged roughly in the order of Dana's System; the placement is arbitrary in many cases:

Elements and Alloys

1. Unnamed Ni-Fe-Si (meteoritic)	48, 1419
2. Unnamed Fe-C-Si (meteoritic)	48, 1419
3. Unnamed Pt, Sb	46, 1518
4. Unnamed Pt, Sb, Bi	46, 1518

5. Unnamed Pd ₄ Pb	46, 464
6. Unnamed Pd ₃ Sb (=Stibiopalladinite)	13, 201; 15, 242
7. Unnamed Pd, Bi (=Kotulskite)	47, 810; 48, 1181
8. Unnamed Pd, Sb, Bi	46, 1519
9. Unnamed Pd ₂ CuSb	46, 1518
10. Unnamed Pt ₄ Sn ₃ Cu ₄	46, 1518
11. Unnamed Pd ₃ CuSb ₃	46, 1519
<i>Sulfides, etc.</i>	
12. Unnamed Co, Se (=Frebaldite)	41, 164–165; 44, 907
13. Unnamed Co, Ni, Cu, Se (=Tyrrellite)	37, 542–544
14. Unnamed dimorph of Cobaltite, (Co, Ni)AsS(=Glaucodot)	49, 818
15. Unnamed Cu, Te	46, 258–268
16. Unnamed monoclinic dimorph of pyrrhotite see byströmite	30, 724 36, 639
17. Unnamed (Fe, Ni) ₂ S	46, 1519
18. Unnamed Fe, Mg, Mn, Ca, S (meteoritic)	48, 1419
19. Unnamed MgS	47, 1219
20. Unnamed beta-MnS	43, 795
21. Unnamed Ni, Ge, S	44, 1323
22. Unnamed Ni, As	7, 180
23. Unnamed PdS ₂	46, 464
24. Unnamed Pt Te ₂ (=Moncheite)	47, 809–810; 48, 1181
25. Unnamed Pt, As	46, 464
26. Unnamed (Pt, Ir)As ₂ (=iridian Sperryite (?))	46, 1518
27. Unnamed (Pt, Ir, Os)As ₂ (?)	46, 1518
28. Unnamed SnS ₂	50, 2107
29. Unnamed Sn ₂ S ₃	50, 2107
<i>Sulfosalts</i>	
30. Unnamed (Cu, Ag) ₂ Pb ₇ Bi ₆ S ₁₇	47, 1485
31. Unnamed Ag, Bi, Te	49, 818
32. Unnamed Mineral Q, Fe, Cu, Ag, Pb, Sb, S	38, 525–526
33. Unnamed Pb ₃ As ₄ S ₉	5, 136
34. Unnamed Pb ₂ (Sb, As) ₂ S ₅	47, 1485
<i>Oxides</i>	
35. Unnamed monoclinic Al(OH) ₃	45, 1317
36. Unnamed beta-Be(OH) ₂	49, 1497
37. Unnamed Ca, Sr, U	45, 254
38. Unnamed Ca, Ti	45, 479
39. Unnamed Ce, Fe, U, Nb, Ta (=Ishikawaite)	7, 197; 8, 230–231
40. Unnamed Ni(OH) ₂	45, 1109–1110
41. Unnamed 4Ni(OH) ₂ ·NiO(OH)	50, 266, 1708–1716
42. Unnamed U mineral	42, 234–235
43. Unnamed U mineral A	41, 560
44. Unnamed U mineral B	41, 560–561
45. Unnamed U mineral C	41, 561–562
46. Unnamed V ₂ O ₃ ·V ₂ O ₄ ·H ₂ O	39, 1038
47. Unnamed oxide of V ⁺³ and V ⁺⁴	39, 1037
<i>Halides</i>	
48. Unnamed antimony oxychloride	35, 335

49. Unnamed analogue of Ralstonite
see boldyrevite 28, 283–284
36, 641
50. Unnamed $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ 44, 908
51. Unnamed Pb_2OF_2 46, 1201
- Carbonates*
52. Unnamed $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$ 47, 418
= Thermomonatrite (?) 49, 1154
53. Unnamed Na, Mn carbonate 49, 1154
54. Unnamed basic Zn carbonate 50, 267
- Borates*
55. Unnamed Mineral B 26, 375
= aluminian Ludwigite 46, 334
56. Unnamed Mn borate 45, 254–255
- Sulfates*
57. Unnamed $\text{Al}_2(\text{SO}_4)_2(\text{HPO}_4) \cdot 11\frac{1}{2}\text{H}_2\text{O}$ 25, 213–214
58. Unnamed sulfate Cu, Fe, Zn (= Poitevinite) 47, 1219–1220
59. Unnamed sulfate Na, Ca 44, 1103
60. Unnamed sulfate Pb, Cr (= chromatian
Lanarkite (?)) 45, 909
61. Unnamed sulfate Pb, Ge (= Fleischerite) 42, 743–753
62. Unnamed Zn analogue of Botryogen
see Zincobotryogen 46, 1517
49, 1776–1777
- Tellurites*
63. Unnamed Fe 29, 211–225
64. Unnamed Fe 46, 1201–1202
65. Unnamed Mn 46, 1201–1202
66. Unnamed Mn, Zn 46, 1201–1202
67. Unnamed Zn 46, 1201–1202
- Phosphates*
68. Unnamed $\text{Al}_7(\text{PO}_4)_4\text{F}_3(\text{OH})_6 \cdot 12\text{H}_2\text{O}$ (?) 7, 178
69. Unnamed phosphate, Bi, U 43, 383
70. Unnamed phosphate, Mineral C, Fe^{+3} 40, 61
71. Unnamed phosphate, Mineral B, Fe, Mn 40, 60–61
72. Unnamed phosphate, Mineral D, Fe^{+3} , Mn 40, 61
73. Unnamed phosphate, Na, F 48, 1418–1419
74. Unnamed phosphate, $(\text{UO}_2)_3(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$ 50, 265–266
75. Unnamed phosphate (?) E, (Fe, Mn, Ca) 40, 61
76. Unnamed phosphate (?) F, (Fe, Mn, Ca) 40, 62
77. Unnamed phosphate (?) G, (Mn, Fe, H_2O) 40, 62
78. Unnamed phosphate (?) H, (= Rockbridgeite (?)) 40, 62
- Arsenates*
79. Unnamed arsenate, Bi 28, 536–540
80. Unnamed arsenate, Cu, Zn (= Chudobaite) 44, 1323
81. Unnamed arsenate, Pb, Fe 47, 418
82. Unnamed arsenate, Pb, Zn 47, 418
- Vanadates*
83. Unnamed vanadate, Ca 44, 322–341
84. Unnamed vanadate, Mineral N, Ca, Cu, Pb 26, 376
- Molybdate*
85. Unnamed molybdate, Ca, U (= Calcurmolite) 44, 468

<i>Silicates</i>	
86. Unnamed, Ba, Ca, Al (=Wenkite)	45, 255
87. Unnamed, BaTi	50, 265
88. Unnamed CaSnSiO ₅ (=Malayaite)	46, 768-769
89. Unnamed (Na, Ca, Ce) ₆ ZrSi ₆ O ₁₆ (OH, Cl) (=Barsanovite (?))	44, 909
90. Unnamed Mineral C (Ca, Al, H ₂ O)	26, 375
91. Unnamed Mineral D (Ca, Mg, Al, H ₂ O)	26, 376
92. Unnamed Mineral F (Ca, Cu, Al, CO ₃)	26, 376
93. Unnamed Mineral J (Ca, Al, H ₂ O)	26, 376
94. Unnamed Mineral K (Ca, Al, CO ₃) =Thaumasite	26, 376 38, 629-633
95. Unnamed Mineral L (Ca, Th)	26, 376
96. Unnamed Mineral O (Ca, Mg, F)	26, 376
97. Unnamed Mineral P (Ca, Mg, Al, F) =Afwillite	26, 376-377 38, 629-633
98. Unnamed Mineral Q (Ca)	26, 377
99. Unnamed (Ce, Y, Ca) ₂ (B, Be) ₂ Si ₂ O ₈ (OH) ₂	49, 443-444
100. Unnamed (Ce, Y, Ca) ₂ Be ₂ Si ₂ O ₈ (OH) ₂	49, 443-444
101. Unnamed (Mn, Ca, Fe, Mg)	43, 793
102. Unnamed Ni, Fe, Mg, Co see villiersite	31, 85 36, 640
103. Unnamed (K, Na) ₄ Ca ₂ (Al, Fe)(Si, Al) ₆ (O, OH, F) ₁₈ ·NaCl	44, 909
104. Unnamed K ₂ Al ₃ Si ₇ O ₁₈ (OH, F) ₃	44, 909-910
*Uralborite, CaB ₂ O ₄ ·2H ₂ O	47, 1482
Uralolite, CaBe ₃ (PO ₄) ₂ (OH) ₂ ·4H ₂ O	49, 1776
Uramphite, (NH ₄)(UO ₂)(PO ₄)·3H ₂ O	44, 464
Uraninite, identity of ulrichite with see hydronasturan	11, 219 42, 442-443
parapitchblende	43, 792-793
Thucholite	13, 419-448; 15, 499-520; 38, 802-814
Uranolepidite (=Vandenbrandeite)	19, 235-236
Uranophane, identity of lambertite with alpha-uranophane = uranophane	11, 157-161 24, 324-338
beta-Uranophane, Ca ₂ (UO ₂)Si ₂ O ₇ ·6H ₂ O	24, 324-338
Uranopilite, (UO ₂) ₆ (SO ₄)(OH) ₁₀ ·11-12 H ₂ O	20, 813
alpha-Uranopilite = Uranopilite	20, 813; 37, 950-959
beta-Uranopilite = Meta-uranopilite	20, 813; 37, 950-959
Uranothallite = Liebigite	2, 87; 35, 251-254
alpha-Uranotile = Uranophane	20, 813
beta-Uranotile = beta-Uranophane	24, 324-328
*Ureyite, NaCrSi ₂ O ₆	50, 2096
Urgite = Urhite	
Urhite (hydrous U oxide)	42, 442
Ursilite, (Ca, Mg) ₂ (UO ₂) ₂ Si ₅ O ₁₄ ·9-10 H ₂ O	44, 464-465
Usigite = Usihite	
Usihite, R(UO ₂) ₂ Si ₂ O ₇ ·nH ₂ O (R not specified)	43, 1008
Ustarasite, Pb(Bi, Sb) ₆ Si ₁₀	41, 814

- Utahite = Jarosite or Natrojarosite 8, 16; 42, 586
 Uvarovite, identity of hanleite with 48, 1421
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