

TABLE 3

Table 3 is a listing of the minerals containing each chemical element, including the new minerals listed in Table 1 that are considered to be valid species plus many of doubtful validity plus some old minerals, for which new data have appreciably changed the composition accepted. Minerals containing 5% or more of the element (as reported) are listed in bold face, those containing 1–5% in regular type; those containing an element in amounts less than 1% are not listed. These concentration ranges were arbitrarily selected.

*Ag*

Antimonpearceite	Empressite	Novakite
Aramayoite	Fizelyite	Owyheeite
Argentojarosite	Jalpaite	Pavonite
Arsenopolybasite	Marrite	Ramdohrite
Benjaminite	Moschellandsbergite	

see also Unnamed Minerals 30–32

*Al*

Abukumalite	Calcium ferri-phosphate	<b>Ferrocapholite</b>
<b>Ajoite</b>	<b>Carbonate-cyanotrichite</b>	Fersmite
Akaganeite	<b>Chalcoalumite</b>	<b>Fraipontite</b>
Aluminocopiapite	<b>Chukhrovite</b>	<b>Galaxite</b>
<b>Alumohydrocalcite</b>	<b>Clinoptilolite</b>	<b>Garronite</b>
Alvanite	<b>Coeruleolactite</b>	<b>Glaucokerinite</b>
Aminoffite	<b>Coffinite</b>	Goldmanite
<b>Anthoinite</b>	Combeite	<b>Gordonite</b>
Arandisite	<b>Corrensite</b>	Götzenite
<b>Armenite</b>	<b>Crandallite</b>	<b>Grovesite</b>
<b>Ashcroftine</b>	<b>Creedite</b>	Guildite
<b>Banalsite</b>	Cryptomelane	<b>Gutsevichite</b>
Barbertonite	<b>Cymrite</b>	Harkerite
<b>Basaluminite</b>	Cyrlilovite	<b>Hibonite</b>
<b>Bayerite</b>	<b>Davisonite</b>	<b>Hidalgoite</b>
<b>Bearsite</b>	Deerite	Högbomite
<b>Beidellite</b>	<b>Delhayelite</b>	<b>Hydrobasaluminite</b>
Beryllite	<b>Dickite</b>	<b>Hydrocalumite</b>
<b>Bialite</b>	Doloresite	<b>Hydrogrossular</b>
<b>Bikitaite</b>	<b>Eardleyite</b>	<b>Hydroscarbroite</b>
Boehmite	<b>Elpasolite</b>	<b>Hydrougrandite</b>
Bøggildite	<b>Endellite</b>	<b>Indialite</b>
<b>Boliviarite</b>	<b>Englishite</b>	<b>Iron cordierite</b>
<b>Brammallite</b>	<b>Ephesite</b>	<b>Jarlite</b>
<b>Brazilianite</b>	<b>Erionite</b>	<b>Johachidolite</b>
<b>Brownmillerite</b>	<b>Falkenstenite</b>	<b>Juanite</b>
<b>Buddingtonite</b>	<b>Faustite</b>	<b>Jusite</b>
<b>Cadwaladerite</b>	<b>Ferrazite</b>	<b>Kalsilite</b>
<b>Cafetite</b>	<b>Ferrierite</b>	<b>Karnasurtite</b>

<b>Karpinskyite</b>	<b>Orlite</b>	<b>Stenonite</b>
<b>Katoptrite</b>	<b>Orthochamosite</b>	<b>Sudoite</b>
<b>Kehoeite</b>	<b>Osarizawaite</b>	<b>Sursassite</b>
<b>Kennedyite</b>	<b>Osumilite</b>	<b>Swedenborgite</b>
<b>Kimzeyite</b>	<b>Overite</b>	<b>Taaffeite</b>
<b>Kingite</b>	<b>Painite</b>	<b>Tacharanite</b>
<b>Knipovichite</b>	<b>Palermoite</b>	<b>Tetrakalsilite</b>
<b>Kribergite</b>	<b>Papagoite</b>	<b>Thorbastnaesite</b>
<b>Kupletskite</b>	<b>Paravauxite</b>	<b>Tikhonenkovite</b>
<b>Kurumsakite</b>	<b>Parsettensite</b>	<b>Törnebohmitte</b>
<b>Labuntsovite</b>	<b>Paulingite</b>	<b>Tosudite</b>
<b>Lapparentite</b>	<b>Pennantite</b>	<b>Trikalsilite</b>
<b>Larnite</b>	<b>Priderite</b>	<b>Trolleite</b>
<b>Latiumite</b>	<b>Pumpellyite</b>	<b>Trudellite</b>
<b>Lehiite</b>	<b>Ransomite</b>	<b>Tugtupite</b>
<b>Leucophosphite</b>	<b>Rhombomagnojacobsite</b>	<b>Tundrite</b>
<b>Lewistonite</b>	<b>Rilandite</b>	<b>Vanalite</b>
<b>Lomgaardite</b>	<b>Rusakovite</b>	<b>Vanuralite</b>
<b>Magnocolumbite</b>	<b>Sabugalite</b>	<b>Varlamoffite</b>
<b>Manasseite</b>	<b>Saryarkite</b>	<b>Vauxite</b>
<b>Mansfieldite</b>	<b>Satpaevite</b>	<b>Vinogradovite</b>
<b>Mayenite</b>	<b>Scarbroite</b>	<b>Viseite</b>
<b>Mboziite</b>	<b>Schoderite</b>	<b>Wadeite</b>
<b>Medmontite</b>	<b>Scorzalite</b>	<b>Wairakite</b>
<b>Merumite</b>	<b>Seidozerite</b>	<b>Waylandite</b>
<b>Meta-alunogen</b>	<b>Sherwoodite</b>	<b>Weberite</b>
<b>Metaschoderite</b>	<b>Sigloite</b>	<b>Wenkite</b>
<b>Metavariscite</b>	<b>Simpsonite</b>	<b>Wightmanite</b>
<b>Millisite</b>	<b>Sinhalite</b>	<b>Woodhouseite</b>
<b>Minyulite</b>	<b>Sinicite</b>	<b>Yoderite</b>
<b>Montgomeryite</b>	<b>Smirnovskite</b>	<b>Yugarawalite</b>
<b>Mullite</b>	<b>Smolianinovite</b>	<b>Zhemchuzhnikovite</b>
<b>Nasledovite</b>	<b>Sonolite</b>	<b>Zinalsite</b>
<b>Naujakasite</b>	<b>Souzalite</b>	<b>Zirconolite</b>
<b>Nigerite</b>	<b>Spencite</b>	<b>Zirklerite</b>
<b>Nordstrandite</b>	<b>Steigerite</b>	<b>Zussmanite</b>

see also Unnamed Minerals 35, 49, 57, 68, 90-94, 103, 104

#### As

(All the minerals listed under Arsenates, Table 2, belong here, but are not listed, to save space)

<b>Antimonpearceite</b>	<b>Diennerite</b>	<b>Marrite</b>
<b>Arsenolamprite</b>	<b>Gerstleyite</b>	<b>Novakite</b>
<b>Arsenosulvanite</b>	<b>Getchellite</b>	<b>Orcelite</b>
<b>Arsenopolybasite</b>	<b>Gratonite</b>	<b>Oregonite</b>
<b>Chapmanite</b>	<b>Hatchite</b>	<b>Pararammelsbergite</b>
<b>Coffinite</b>	<b>Hollingworthite</b>	<b>Paxite</b>
<b>Colusite</b>	<b>Jeromite</b>	<b>Santafeite</b>
<b>Cooperite</b>	<b>Koutekite</b>	<b>Sinnerite</b>

see also Unnamed Minerals 22, 25, 33, 34

*Au*

Aurostibite

Montbrayite

*B*

(All the minerals listed under *Borates*, Table 2, belong here, but are not listed, to save space)

Avogadrite  
 Ferrucite  
 Garrelsite

Harkerite  
 Hellandite  
 Painite

Reedmergnerite  
 Spencite  
 Stillwellite

see also Unnamed Minerals 55, 56, 99

*Ba*

Armenite  
 Bafertisite  
 Banalsite  
 Baotite  
 Barium uranophane  
 Batisite  
 Benstonite  
 Bergenite  
 Billietite  
 Brockite  
 Calkinsite  
 Carbocearnite  
 Cymrite  
 Dussertite  
 Ferrazite  
 Francevillite  
 Fresnoite  
 Gamagarite

Garrelsite  
 Gillespite  
 Guilleminite  
 Gutsevichite  
 Heinrichite  
 Huanghoite  
 Innelite  
 Joaquinite  
 Krauskopfite  
 Labuntsovite  
 Macdonaldite  
 Mackelveyite  
 Metaheinrichite  
 Muirite  
 Nenadkevichite  
 Norsethite  
 Pabstite  
 Pandaite

Paulingite  
 Priderite  
 Rijkeboerite  
 Sanbornite  
 Shcherbakovite  
 Stenonite  
 Strontium-apatite  
 Todorokite  
 Traskite  
 Verplanckite  
 Vesignieite  
 Walstromite  
 Weeksite  
 Wenkite  
 Woodhouseite  
 Yoshimuraite  
 Zinalsite

see also Unnamed Minerals 84

*Be*

Aminoffite  
 Bearsite  
 Beryllite  
 Bromellite  
 Chkalovite  
 Faheyite  
 Genthelvite

Glucine  
 Hurlbutite  
 Hsianghualite  
 Karpinskyite  
 Liberite  
 Milarite  
 Moraesite

Roscherite  
 Taaffeite  
 Trimerite  
 Tugtupite  
 Uralolite  
 Väyrynenite

see also Unnamed Minerals 36, 99, 100

*Bi*

Aramayoite  
 Arsenobismite  
 Benjaminitite  
 Beyerite  
 Bismoclite

Bismutoferrite  
 Bismutotantalite  
 Bonchevite  
 Bursaitite  
 Cannizzarite

Castaingite  
 Csiklovaite  
 Cuprobismutite  
 Froodite  
 Geversite

Giessenite	Michenerite	Russellite
Gladite	Microlite	Sakharovaite
Hammarite	Moncheite	Scheteligite
Hedleyite	Paraguanajuatite	Sillenite
Ikunolite	Parkerite	Ustarasite
Kettnerite	Pavonite	Waylandite
Kotulskite	Perite	Westgrenite
Laitakarite	Ramdohrite	Wittite
Lindstromite	Rooseveltite	Zavaritskite

see also Unnamed Minerals 8, 30, 31, 69, 79

## Ca

Abukumalite	Cafetite	Dellaite
Afwillite	Cahnite	Delrioite
Alumohydrocalcite	Calciborite	Denningite
Aminoffite	Calciocopiapite	Doverite
Andersonite	Calcioalc	Earlandite
Antarcticite	Calcium catapleite	Ekanite
Ardealite	Calcium ferri-phosphate	Ellestadite
Armanigite	Calclacite	Englishite
Armenite	Calcurmolite	Erionite
Arrojadite	Calkinsite	Esperite
Arsenuranylite	Callaghanite	Fabianite
Ashcroftine	Calzirtite	Fairchildite
Austinite	Canasite	Ferrisicklerite
Azovskite	Carborborite	Ferritungstite
Becquerelite	Carbocernaite	Fersmanite
Beidellite	Chavesite	Fersmite
Belovite (of Borodin and Kazakova)	Cheralite	Foshagite
Belovite (of Nefedov)	Chinglusuite	Foshallasite
Belyankinite	Chlorophoenicite	Fraipontite
Benstonite	Chromatite	Frolovite
Betpakdalite	Chudobaite	Gagarinite
Beyerite	Clarkeite	Garrelsite
Bialite	Clinoptilolite	Garronite
Birnessite	Coeruleolactite	Gaufroyite
Borcarite	Collinsite	Gerasimovskite
Brannerite	Combeite	Ginorite
Bredigite	Corrensie	Glucine
Brockite	Corvusite	Goldmanite
Bromellite	Crandallite	Görgeyite
Brownmillerite	Creedite	Götzenite
Buetschliite	Cuprorivaite	Gowerite
Bulfonteinite	Davisonite	Grantsite
Burbankite	Dehrnite	Guerinite
	Delhayelite	Gutsevichite

Hagendorfite	Loparite	Pseudo-autunite
Haiweeite	Lovozerite	Pumpellyite
Harkerite	Macdonaldite	Rabbittite
Heidornite	Mackelveyite	Rankinite
Hendersonite	Malayaite	Ranquillite
Hibonite	Manganbelyankinite	Raenthalite
Hilgardite	Manganosteenstrupine	Rauvite
Holdenite	Margarosanite	Rhodesite
Hsianghualite	Marokite	Rhombomagnojacobsite
Hühnerkobelite	Mayenite	Rilandite
Huntite	Mboziite	Riversideite
Hurlbutite	Medmontite	Röntgenite
Hydrocalumite	Melanovanadite	beta-Roselite
Hydrochlorborite	Merrillite	Rossite
Hydrogrossular	Merwinite	Roweite
Hydrougrandite	Messelite	Rustumite
Hydroxyl-apatite	Meta-haiweeite	Sainfeldite
Ikaite	Metarossite	Sampleite
Inderborite	Metatyuyamunite	Sanmartinite
Isokite	Meta-uranospinite	Santafeite
Ivanovite	Millisite	Saryarkite
Johachidolite	Miserite	Satpaveite
Johannsenite	Monohydrocalcite	Scawtite
Jouravskite	Montgomeryite	Scheteligite
Juanite	Mountainite	Scholzite
Jusite	Mourite	Schulingite
Kalsilite	Muirite	Seidozerite
Karnasurtite	Natroniobite	Serandite
Kehoeite	Nekoite	Sharpite
Kettnerite	Nenadkevichite	Sherwoodite
Kilchoanite	Nifontovite	Shortite
Kimzeyite	Ningyoite	Shubnikovite
Kirschsteinite	Niobo-aeschynite	Sibirskite
Knipovichite	Niocalite	Simplotite
Kobeite	Nobleite	Sincosite
Koktaite	Nordite	Sinicite
Korzhinskite	Obruchevite	Smirnovskite
Kryzhanovskite	Orientite	Smolianinovite
Kupletskite	Overite	Sodium uranospinite
Kurgantaite	Painite	Spencite
Labuntsovite	Palermoite	Stillwellite
Landesite	Pandaite	Strontiorborite
Larnite	Papagoite	Strontioginorite
Latiumite	Parahilgardite	Strontium-apatite
Latrappite	Paulingite	Suanite
Lavendulan	Pentahydroborite	Sursassite
Lehiite	Perrierite	Swartzite
Leightonite	Phosphoferrite	Tacharanite
Lermontovite	Phosphuranylite	Tangeite
Lewistonite	Portlandite	Tanteuxenite
Lombaardite	Probertite	Tatarskite

<b>Tertschite</b>	<b>Ursilite</b>	<b>Whitlockite</b>
<b>Thorbastnaesite</b>	<b>Varulite</b>	<b>Wightmanite</b>
<b>Thorostenstrupine</b>	<b>Vaterite</b>	<b>Wiserite</b>
<b>Thorutite</b>	<b>Veatchite</b>	<b>Wölsendorfite</b>
<b>Tilleyite</b>	<b>Viseite</b>	<b>Woodhouseite</b>
<b>Tinaksite</b>	<b>Vladimirite</b>	<b>Wyartite</b>
<b>Tobermorite</b>	<b>Wadeite</b>	<b>Xanthoxenite</b>
<b>Todorokite</b>	<b>Wairakite</b>	<b>Yugarawalite</b>
<b>Trudellite</b>	<b>Walstromite</b>	<b>Yuksporite</b>
<b>Tundrite</b>	<b>Waylandite</b>	<b>Yoderite</b>
<b>Uklonskovite</b>	<b>Weddellite</b>	<b>Zellerite</b>
<b>Uralborite</b>	<b>Weeksite</b>	<b>Zinalsite</b>
<b>Uralolite</b>	<b>Weilite</b>	<b>Zirconolite</b>
<b>beta-Uranotile</b>	<b>Wenkite</b>	<b>Zirklerite</b>
<b>Ureyite</b>	<b>Westgrenite</b>	

see also Unnamed Minerals 18, 37, 38, 49, 59, 75, 76, 83, 84, 90–101, 103, 104

*Cd*

<b>Cadmotelite</b>	<b>Gunningite</b>	<b>Hawleyite</b>
--------------------	-------------------	------------------

*Ce, La group*

<b>Abukumalite</b>	<b>Huttonite</b>	<b>Perrierite</b>
<b>Belovite</b> (of Borodin and Kazakova)	<b>Hydroxyl-bastnaesite</b>	<b>Röntgenite</b>
<b>Brockite</b>	<b>Karnasurtite</b>	<b>Sahamalite</b>
<b>Burbankite</b>	<b>Latrappite</b>	<b>Saryarkite</b>
<b>Calkinsite</b>	<b>Lermontovite</b>	<b>Sinicite</b>
<b>Carbocernaite</b>	<b>Lombaardite</b>	<b>Smirnovskite</b>
<b>Cerianite</b>	<b>Loparite</b>	<b>Spencite</b>
<b>Cheralite</b>	<b>Mackelveyite</b>	<b>Stillwellite</b>
<b>Chinglusuite</b>	<b>Manganostenstrupine</b>	<b>Strontium-apatite</b>
<b>Chukhrovite</b>	<b>Natroniobite</b>	<b>Tanteuxenite</b>
<b>Fersmite</b>	<b>Ningyoite</b>	<b>Thorbastnaesite</b>
<b>Gagarinite</b>	<b>Niobo-aeschnite</b>	<b>Thorostenstrupine</b>
<b>Hibonite</b>	<b>Niobophyllite</b>	<b>Törnebohmitite</b>
<b>Huanghoite</b>	<b>Nordite</b>	<b>Tundrite</b>
	<b>Pandaite</b>	<b>Zirconolite</b>

see also Unnamed Minerals 99, 100

*Cl*

<b>Antarcticite</b>	<b>Chambersite</b>	<b>Galeite</b>
<b>Anthonyite</b>	<b>Chloroxiphite</b>	<b>Harkerite</b>
<b>Bandyite</b>	<b>D'Ansite</b>	<b>Heidornite</b>
<b>Baotite</b>	<b>Dashkesanite</b>	<b>Hematophanite</b>
<b>Blixite</b>	<b>Delhayelite</b>	<b>Hilgardite</b>
<b>Botallackite</b>	<b>Diaboleite</b>	<b>Hydrochlorborite</b>
<b>Buttgenbachite</b>	<b>Ellestadite</b>	<b>Ivanovite</b>
<b>Cadwaladerite</b>	<b>Ericaite</b>	<b>Jagoite</b>
<b>Calclacite</b>	<b>Finnemanite</b>	<b>Kempite</b>
<b>Calumetite</b>	<b>Gagarinite</b>	<b>Lavendulan</b>

Lorettoite	Sahlinite	Traskite
Manganpyrosmalite	Sampleite	<b>Trudellite</b>
<b>Mendipite</b>	Schairerite	<b>Trugtupite</b>
<b>Mitscherlichite</b>	Shubnikovite	Verplanckite
Muirite	<b>Tatarskite</b>	Wiserite
<b>Parahilgardite</b>	<b>Teepleite</b>	<b>Zirklerite</b>
<b>Perite</b>		

see also Unnamed Minerals 48, 50

*Co*

<b>Ahlfeldite</b>	<b>Julienite</b>	Sederholmite
<b>Aplowite</b>	Kullerudite	<b>Smolianovite</b>
<b>Bornhardtite</b>	Lavendulan	<b>Trogtalite</b>
<b>Cattierite</b>	Mäkinenite	<b>Trüstedtite</b>
<b>Cobalt pentlandite</b>	<b>Metakirchheimerite</b>	<b>Tyrrellite</b>
<b>Cornetite</b>	<b>Moorhouseite</b>	Vaesite
Dienerite	<b>Penroseite</b>	<b>Villamaninite</b>
<b>Freboldite</b>	Renardite	Violarite
<b>Hastite</b>	<b>beta-Roselite</b>	<b>Wairauite</b>
<b>Heterogenite</b>		

*Cr*

<b>Barbertonite</b>	<b>Iranite</b>	<b>Merumite</b>
<b>Chromatite</b>	Karelianite	<b>Redledgeite</b>
<b>Eskolaite</b>	<b>Knipovichite</b>	<b>Rilandite</b>
<b>Fornacite</b>	<b>Lopezite</b>	<b>Ureyite</b>

see also Unnamed Mineral 60

*Cs*

Avogadrite	<b>Beryl</b>	<b>Rhodizite</b>
------------	--------------	------------------

*Cu*

<b>Ajoite</b>	<b>Castaingite</b>	<b>Dzhezkazganite</b>
<b>Anthonyite</b>	<b>Chalcoalumite</b>	<b>Eskebornite</b>
<b>Antimonpearceite</b>	<b>Chalcocyanite</b>	Faustite
Arsenopolybasite	<b>Chalconatrite</b>	<b>Fornacite</b>
<b>Arsenosulvanite</b>	<b>Chloroxiphite</b>	<b>Galenobornite</b>
<b>Arthurite</b>	Colusite	<b>Gallite</b>
Bandyllite	<b>Cornetite</b>	<b>Germanite</b>
<b>Bellingerite</b>	<b>Cornubite</b>	<b>Giessenite</b>
Benjaminite	<b>Cuprobismutite</b>	Gladite
<b>Betekhtinitite</b>	<b>Cuprorivaite</b>	<b>Glaucokerinite</b>
<b>Bonattite</b>	<b>Cuprosklodowskite</b>	<b>Guildite</b>
<b>Botallackite</b>	<b>Diaboleite</b>	<b>Hammarite</b>
<b>Buttgenbachite</b>	<b>Digenite</b>	<b>Heterogenite</b>
<b>Callaghanite</b>	Dixenite	<b>Hexastannite</b>
Calumetite	<b>Djurleite</b>	<b>Idaite</b>
<b>Carbonate-cyanotrichite</b>	<b>Duftite</b>	<b>Jalpaite</b>

<b>K</b> ästerite	<b>N</b> ovakite	<b>S</b> innerite
<b>K</b> lockmannite	<b>O</b> sarizawaite	<b>S</b> tannopalladinite
<b>K</b> outekite	<b>P</b> apagoite	<b>S</b> transkiite
<b>K</b> tenasite	<b>P</b> axite	<b>T</b> angeite
Kurumsakite	Penroseite	<b>T</b> eineite
<b>L</b> avendulan	Pentahydrate	<b>T</b> yrrellite
<b>L</b> eightonite	<b>P</b> oitevinite	<b>V</b> andenbrandeite
<b>L</b> ikasite	<b>R</b> ansomite	<b>V</b> esigneite
<b>L</b> indgrenite	<b>R</b> enierite	<b>V</b> illamaninite
<b>L</b> indstromite	<b>R</b> oquesite	Violarite
Magnussonite	<b>S</b> alesite	<b>V</b> ulcanite
<b>M</b> awsonite	<b>S</b> ampleite	<b>W</b> eissite
<b>M</b> edmontite	<b>S</b> chmeiderite	<b>W</b> herryite
<b>M</b> etatorbernite	<b>S</b> chulingite	Zinalsite
<b>M</b> etazeunerite	<b>S</b> engierite	<b>Z</b> inc-melanterite
<b>M</b> itscherlichite	<b>S</b> hattuckite	<b>Z</b> incrosasite
Moorhouseite	<b>S</b> hubnikovite	Zincsilite
<b>M</b> urdochite	Siderotil	

see also Unnamed Minerals 9–11, 15, 30, 32, 84, 92

*F*

<b>A</b> vogadrite	<b>G</b> ötzenite	Niocalite
<b>B</b> ararite	<b>H</b> ambergite	<b>N</b> orbergite
<b>B</b> øggildite	<b>H</b> ectorite	<b>R</b> öntgenite
Bultfonteinite	<b>H</b> sianghualite	<b>S</b> chairerite
Canasite	Huanghoite	Schroëckingerite
<b>C</b> arobbiite	Hydroxyl-bastnaesite	Seidozerite
<b>C</b> hukhrovite	<b>I</b> sokite	<b>S</b> mirnovskite
Combeite	<b>J</b> arlite	<b>S</b> tenonite
<b>C</b> reedite	<b>J</b> ohachidolite	Strontium-apatite
<b>D</b> overite	<b>K</b> ettnerite	<b>T</b> horbastnaesite
<b>E</b> lpasolite	Kupletskite	Thorosteenstrupine
<b>F</b> erruccite	<b>M</b> agnotriplite	<b>T</b> ikhonenkovite
Fersmanite	<b>M</b> alladrite	<b>W</b> eberite
Fersmite	<b>M</b> atlockite	Wightmanite
<b>F</b> luoborite	Minyulite	Zavaritskite
<b>G</b> agarinite	Muirite	
<b>G</b> aleite	<b>N</b> eighborite	

see also Unnamed Minerals 49, 51, 68, 73, 96, 103, 104

*Fe*

Abukumalite	<b>A</b> ngelellite	<b>B</b> afertisite
<b>A</b> kakaneite	Arandisite	Baotite
Alleghanyite	<b>A</b> rgentojarosite	Barbertonite
<b>A</b> luminocopiapite	<b>A</b> rrojadite	<b>B</b> arbosalite
<b>A</b> makinite	<b>A</b> rthurite	<b>B</b> assetite
<b>A</b> marillite	Avicennite	Batisite
<b>A</b> mmoniojarosite	<b>A</b> zovskite	Bearsite



<b>Beidellite</b>	<b>Ferricopiapite</b>	<b>Kahlerite</b>
Bermanite	Ferrisicklerite	Kalsilite
Betekhtinite	Ferrisymplectite	Karelianite
Betpakdalite	Ferritungstite	Karnasurtite
<b>Bianchite</b>	Ferrocarpholite	<b>Katoprite</b>
<b>Bismutoferrite</b>	Ferrocopiapite	<b>Kennedyite</b>
<b>Blakeite</b>	Ferrohexahydrite	K�sterite
Brannerite	Ferroselite	<b>Khlopinite</b>
Brockite	Fersmanite	<b>Kimzeyite</b>
<b>Brownmillerite</b>	Fersmite	<b>Kirschsteinite</b>
Buddingtonite	Fervanite	<b>Kobeite</b>
Bursaite	Freudenbergite	<b>Krausite</b>
<b>Butlerite</b>	Frohbergite	<b>Kryzhanovskite</b>
<b>Cafetite</b>	Frondelite	Kullerudite
<b>Calcicopiapite</b>	Galaxite	<b>Kupletskite</b>
Calcioalcal	Galenobornite	Kurumsakite
<b>Calcium ferri-phosphate</b>	<b>Gamagarite</b>	Labuntsovite
Calzirtite	<b>Genthelvite</b>	<b>Landesite</b>
Canasite	<b>Germanite</b>	<b>Latrappite</b>
Carbocernaite	<b>Gillespite</b>	<b>Laueite</b>
Cattierite	<b>Goldichite</b>	<b>Lausenite</b>
Chambersite	<b>Goldmanite</b>	Legrandite
<b>Chapmanite</b>	<b>Gonyerite</b>	<b>Leucophosphite</b>
Chinglusuite	<b>Greigite</b>	<b>Lipscombite</b>
<b>Clinoferrosilite</b>	Grovesite	<b>Lizardite</b>
<b>Clino-ungemachite</b>	<b>Gudmundite</b>	<b>Lombaardite</b>
<b>Coalingite</b>	<b>Guildite</b>	Lomonosovite
<b>Cobalt pentlandite</b>	Gutsevichite	Loughlinite
Coffinite	<b>Hagendorfitite</b>	<b>Lusungite</b>
<b>Collinsite</b>	<b>Hematophanite</b>	Macgovernite
Colusite	<b>Hexastannite</b>	<b>Mackayite</b>
Combeite	Hibonite	<b>Mackinawite</b>
<b>Corrensite</b>	<b>Hochschildite</b>	<b>Maghemite</b>
<b>Corvusite</b>	<b>H�gbomite</b>	<b>Magnesiocopiapite</b>
<b>Coulsonite</b>	Holdenite	<b>Magniotriplite</b>
<b>Crichtonite</b>	<b>Honessite</b>	Magnocolumbite
Cryptomelane	<b>Howeite</b>	Manganbelyankinite
<b>Cuprocopiapite</b>	<b>H�hnerkobelite</b>	<b>Mangan-neptunite</b>
<b>Cyrllovite</b>	<b>Hydronium jarosite</b>	Manganosteenstrupine
<b>Deerite</b>	<b>Hydrograndite</b>	<b>Manganpyrosmalite</b>
Delhayelite	Idaite	<b>Mawsonite</b>
Dixenite	<b>Indite</b>	Mayenite
Doloresite	<b>Iron-alabandite</b>	<b>Mboziite</b>
<b>Dussertite</b>	<b>Iron cordierite</b>	<b>Merrihueite</b>
<b>Ericaite</b>	<b>Ishikawaite</b>	Merumite
<b>Eskebornite</b>	<b>Ixiolite</b>	Merwinite
Faheyite	<b>Jagoite</b>	<b>Messelite</b>
Farringtonite	Jimboite	<b>Metahohmannite</b>
Faustite	Joaquinite	<b>Metakahlerite</b>
<b>Femolite</b>	<b>Johannsenite</b>	<b>Metasideronatrite</b>
<b>Fenaksite</b>	Juanite	Millisite

<b>Minguzzite</b>	<b>Rhombomagnojacobsite</b>	Thortveitite
<b>Minnesotait</b>	Rilandite	Thorutite
<b>Montroseite</b>	<b>Rockbridgeite</b>	Tinaksite
Nasledovite	<b>Rozenite</b>	<b>Tinticite</b>
Natroniobite	<b>Rusakovite</b>	Törnebohmite
<b>Naujakasite</b>	Sahamalite	Traskite
Navajoite	Sakharovaite	<b>Trevorite</b>
<b>Nigerite</b>	<b>Sanmartinite</b>	Trudellite
Ningyoite	<b>Sarmientite</b>	<b>Tuhualite</b>
Niobo-aeschnynite	Saryarkite	<b>Ulvöspinel</b>
<b>Niobophyllite</b>	<b>Schafarikite</b>	<b>Ungemachite</b>
<b>Nolanite</b>	Schallerite	Uralolite
Norbergite	Scheteligite	Vaesite
Nordite	<b>Scorzalite</b>	Vandenbrandeite
Obruchevite	Seidozerite	<b>Varlamoffite</b>
<b>Oregonite</b>	Serandite	<b>Varulite</b>
Orientite	Shcherbakovite	<b>Vauxite</b>
Ortho-antigorite	<b>Siderotil</b>	Verplanckite
<b>Orthochamosite</b>	<b>Sigloite</b>	<b>Villamaninite</b>
Orthochrysotile	Sinhalite	<b>Violarite</b>
Osarizawaite	Sinicite	<b>Vonsenite</b>
Osumilite	<b>Sjögrenite</b>	<b>Wairauite</b>
<b>Parabutlerite</b>	<b>Slavikite</b>	Whitlockite
Parachrysotile	Smirnovskite	Wightmanite
<b>Paracoquimbite</b>	<b>Smolianinovite</b>	Wodginite
Parajamesonite	<b>Smythite</b>	<b>Wolfeite</b>
<b>Parasymplesite</b>	<b>Souzalite</b>	<b>Xanthoxenite</b>
Paravauxite	Spencite	<b>Yavapaiite</b>
<b>Pennantite</b>	Stannopalladinite	<b>Yoderite</b>
<b>Perrierite</b>	Steigerite	Yoshimuraite
<b>Phosphoferrite</b>	<b>Stepanovite</b>	<b>Yuksporite</b>
<b>Phosphophyllite</b>	<b>Stottite</b>	<b>Zhemchuzhnikovite</b>
<b>Poitevinite</b>	<b>Strunzite</b>	Zinalsite
<b>Priderite</b>	Sudoite	<b>Zincbotryogen</b>
<b>Pseudolaueite</b>	Sursassite	Zinc-melanterite
<b>Pumpellyite</b>	<b>Taaffeite</b>	<b>Zincocopiapite</b>
<b>Ransomite</b>	Tanteuxenite	<b>Zirconolite</b>
Rauvite	<b>Tavorite</b>	<b>Zirklerite</b>
<b>Renierite</b>	Thorbastnaesite	<b>Zussmanite</b>

see also Unnamed Minerals 1, 2, 16–18, 32, 50, 63, 64, 70–72, 75–77, 81, 101–103

### Ga

**Gallite**

### Ge

**Fleischerite**

**Germanite**

**Itoite**

**Renierite**

**Stottite**

see also Unnamed Mineral 21

	<i>Hg</i>	
<b>Moschellandsbergite</b>	<b>Potarite</b>	<b>Schuetite</b>
	<i>Iodine</i>	
<b>Bellingerite</b>	<b>Salesite</b>	
	<i>In</i>	
<b>Dzhalindite</b>	<b>Indite</b>	<b>Roquesite</b>
	<i>Ir</i>	
<b>Hollingworthite</b>		

see also Unnamed Minerals 26, 27

	<i>K</i>	
<b>Abernathyite</b>	<b>Goldichite</b>	<b>Mitscherlichite</b>
Ammoniojarosite	<b>Görgeyite</b>	<b>Mountainite</b>
Arrojadite	Hummerite	Enadkevichite
<b>Ashcroftine</b>	Jusite	<b>Niobophyllite</b>
<b>Avogadrite</b>	<b>Kalistrontite</b>	Osumilite
Batisite	<b>Kalsilite</b>	<b>Palmierite</b>
<b>Boltwoodite</b>	Karnasurtite	<b>Paulingite</b>
Brammallite	Karpinskyite	<b>Priderite</b>
<b>Bütschliite</b>	<b>Krausite</b>	Pumpellyite
<b>Canasite</b>	<b>Kupletskite</b>	<b>Rhodesite</b>
<b>Carobbiite</b>	<b>Labuntsovite</b>	Sampleite
Chudobaite	<b>Latiumite</b>	<b>Shcherbakovite</b>
Clinoptilolite	Lehiite	Shubnikovite
<b>Clino-ungemachite</b>	<b>Leightonite</b>	Smirnovskite
Combeite	<b>Leucophosphite</b>	<b>Tetrakalsilite</b>
Compreignacite	Lewistonite	<b>Tinaksite</b>
Corrensitite	<b>Lopezite</b>	<b>Trikalsilite</b>
Corvusite	Lovozerite	Tuhualite
<b>Cryptomelane</b>	Mangan-neptunite	Uklonskovite
<b>Dalyite</b>	<b>Manganolangbeinite</b>	<b>Ungemachite</b>
<b>Dehrnite</b>	Mboziite	Vinogradovite
<b>Delhayelite</b>	<b>Mercallite</b>	<b>Wadeite</b>
<b>Elpasolite</b>	Merrihueite	Weberite
<b>Englishite</b>	Millisite	<b>Weeksite</b>
Erionite	Minguzzite	<b>Yavapaiite</b>
<b>Fairchildite</b>	<b>Minyulite</b>	<b>Yuksporite</b>
<b>Falkensteinite</b>	<b>Miserite</b>	Zusmanite
<b>Fenaksite</b>		

see also Unnamed Minerals 103, 104

*Li*

Bikitaite  
Ephesite  
Ferrisicklerite

Hsianghualite  
Hureaulite  
Liberite

Lithiophosphate  
Palermoite  
Tavorite

*Mg*

Akrochordite  
Aksaite  
Alleghanyite  
Amakinite  
Arrojadite  
Barbertonite  
Barringtonite  
Bayleyite  
Beidellite  
Belovite (of Nefedov)  
Benstonite  
Bermanite  
Bialite  
Borcarite  
Bradleyite  
Byströmite  
Cafetite  
Calcioitalc  
Callaghanite  
Carboborite  
Chlorophoenicite  
Chudobaite  
Coalingite  
Collinsite  
Corrensite  
Cousinite  
D'Ansite  
Delhayelite  
Doloresite  
Eitelite  
Ericaite  
Faheyite  
Falkenstenite  
Farringtonite  
Ferrierite  
Ferrocarpholite  
Fluoborite  
Galaxite  
Gonyerite  
Gordonite  
Gutsevichite  
Halurgite  
Harkerite

Hectorite  
Hibonite  
Högbomite  
Holdenite  
Hühnerkobelite  
Hummerite  
Hungchaoite  
Huntite  
Hydrougrandite  
Inderborite  
Inderite  
Indialite  
Iron cordierite  
Ishikawaite  
Isokite  
Jimboite  
Johannsenite  
Juanite  
Kalsilite  
Karnasurtite  
Karpinskite  
Katoptrite  
Kennedyite  
Kotoite  
Kruzhanovskite  
Kupletskite  
Kurnakovite  
Landesite  
Latrappite  
Lewistonite  
Lizardite  
Lombaardite  
Loseyite  
Loughlinite  
Macallisterite  
Macgovernite  
Magnesium-chloropho-  
enicite  
Magniotriplite  
Magnocolumbite  
Magnussonite  
Manasseite  
Manganese-hoernesite

Mboziite  
Merrihueite  
Merwinite  
Metanovacekite  
Minnesotaite  
Mooreite  
Nasledovite  
Neighborite  
Nigerite  
Norbergite  
Nordite  
Norsethite  
Novacekite  
Ortho-antigorite  
Orthochamosite  
Orthochrysotile  
Orthopinakiolite  
Osumilite  
Parachrysotile  
Parsettensite  
Pentahydrate  
Phosphorrösslerite  
Preobrazhenskite  
Pumpellyite  
Rabbittite  
Redledgeite  
Rhombomagnojacobsite  
Rilandite  
Roweite  
Rusakovite  
Sahamalite  
Saleeite  
Sanderite  
Satpaevite  
Schallerite  
Scorzalite  
Seidozerite  
Sinalite  
Sjögrenite  
Skłodowskite  
Slavikite  
Smolianinovite  
Sonolite

<b>Souzalite</b>	<b>Tatarskite</b>	Wiserite
<b>Starkeyite</b>	Todorokite	Wolfeite
<b>Stepanovite</b>	<b>Torreyite</b>	<b>Yoderite</b>
<b>Strontiorborite</b>	Tosudite	<b>Zhemchuzhnikovite</b>
Strontium-apatite	Uklonskovite	Zinalsite
<b>Suanite</b>	Ureyite	Zincbotryogen
Sudoite	Ursilite	Zincauserite
Sursassite	<b>Vonsenite</b>	Zincsilite
<b>Swartzite</b>	<b>Weberite</b>	Zirklerite
<b>Taaffeite</b>	Whitlockite	Zussmanite
Tacharanite	<b>Wightmanite</b>	

see also Unnamed Minerals 18, 19, 49, 91, 96, 101, 102

*Mn*

Abukumalite	<b>Genthelvite</b>	<b>Manganese-hoernesite</b>
<b>Akrochordite</b>	<b>Gerasimovskite</b>	<b>Mangan-neptunite</b>
<b>Alleghanyite</b>	Gonyerite	<b>Manganolangbeinite</b>
Amakinite	<b>Groutite</b>	<b>Manganosteenstrupine</b>
<b>Aplowite</b>	<b>Grovesite</b>	<b>Manganpyrosmalite</b>
<b>Armangite</b>	Gunningite	Margarosane
<b>Arrojadite</b>	<b>Hagendorfite</b>	<b>Marokite</b>
<b>Arsenoclasite</b>	<b>Holdenite</b>	Mboziite
Azovskite	Howieite	<b>Messelite</b>
Bafertisitite	<b>Hühnerkobelite</b>	<b>Mooreite</b>
Barbosalite	Iron-alabandite	Moorhouseite
<b>Bermanite</b>	<b>Ixiolite</b>	Muirite
<b>Birnessite</b>	Jimboite	<b>Nasledovite</b>
Caryopilite	<b>Johannsenite</b>	Nenadkevichite
<b>Cesarolite</b>	<b>Jouravskite</b>	<b>Niobophyllite</b>
<b>Chambersite</b>	Karelianite	<b>Nordite</b>
Chavesite	<b>Katoptrite</b>	<b>Nsutite</b>
<b>Chinglusuite</b>	<b>Kempite</b>	<b>Orientite</b>
<b>Chlorophoenicite</b>	Kirschsteinite	<b>Orthopinakiolite</b>
<b>Chudobaite</b>	<b>Kryzhanovskite</b>	Parsettensite
Clinoferrosilite	<b>Kupletskite</b>	<b>Pennantite</b>
<b>Coronadite</b>	Labuntsovite	<b>Phosphoferrite</b>
<b>Cryptomelane</b>	<b>Landesite</b>	<b>Phosphophyllite</b>
Deerite	<b>Laueite</b>	<b>Pseudolaueite</b>
<b>Denningite</b>	<b>Lipscombite</b>	<b>Pyrobelonite</b>
<b>Dixenite</b>	Lomonosovite	<b>Quenselite</b>
Ericaite	<b>Loseyite</b>	<b>Ramsdellite</b>
<b>Faheyite</b>	Lovozerite	<b>Rhombomagnojacobsite</b>
<b>Feitknechtite</b>	<b>Macgovernite</b>	Rockbridgeite
Fenaksite	<b>Magnesium-chloropho-</b>	<b>Roweite</b>
<b>Ferrisicklerite</b>	<b>enicite</b>	Sanmartinite
<b>Frondelite</b>	Magnetoplumbite	<b>Santafeite</b>
<b>Galaxite</b>	<b>Magniotriplite</b>	<b>Schallerite</b>
<b>Gamagarite</b>	<b>Magnussonite</b>	<b>Scheteligite</b>
<b>Gaudefroyite</b>	<b>Manganbelyankinite</b>	Scholzite

Seamanite	Todorokite	Wolfeite
Seidozerite	Torreyite	Woodruffite
Serandite	Traskite	Xanthoxenite
Sonolite	Trigonite	Yeatmanite
Spiroffite	Varulite	Yoshimuraite
Strunzite	Väyrynenite	Zincbotryogen
Sursassite	Verplanckite	Zincfauserite
Tavorite	Wiserite	Zussmanite
Thorosteenstrupine	Wodginite	

see also Unnamed Minerals 18, 20, 53, 56, 65, 66, 71, 72, 75-72, 101

*Mo*

Betpakdalite	Femolite	Molybдите
Calcurmolite	Iriginite	Mosesite
Castaingite	Lindgrenite	Mourite
Colusite	Moluranite	Umohoite
Cousinite		

see also Unnamed Mineral 85

*Na*

Akrochordite	Combeite	Hühnerkobelite
Amarillite	Corvusite	Innelite
Andersonite	Cyrllovite	Jarlite
Arrojadite	Dalyite	Joaquinite
Ashcroftine	D'Ansite	Johachidolite
Banalsite	Dehrnite	Julienite
Barnesite	Delhayelite	Jusite
Batisite	Eitelite	Kalistrontite
Belovite (of Borodin and Kazakova)	Elpasolite	Kalsilite
Beryllite	Englishite	Karpinskyite
Biringuccite	Ephesite	Keldyshite
Birnessite	Erionite	Kernite
Bøggildite	Ezcurrite	Kupletskite
Bradleyite	Falkensteinite	Labuntsovite
Brammallite	Fenaksite	Latiumite
Brazilianite	Ferrierite	Latrappite
Burbankite	Fersmanite	Lavendulan
Burkeite	Freudenbergite	Lehiite
Canasite	Gagarinite	Lomonosovite
Carbocernaite	Galeite	Loparite
Chalconatrite	Garronite	Loughlinite
Chinglusuite	Gerstleyite	Lovozerite
Chkalovite	Görgeyite	Lueshite
Chudobaite	Götzenite	Mackelveyite
Clinoptilolite	Grantsite	Malladrite
Cfino-ungemachite	Hagendorfitte	Mangan-neptunite
Clarkeite	Heidornite	Matteuccite
	Howieite	Mboziite

Mercallite	<b>Reedmergnerite</b>	Tinaksite
Merrihueite	<b>Rhodesite</b>	Trudellite
<b>Metasideronatrite</b>	Sampleite	<b>Tugtupite</b>
Millisite	Santafeite	<b>Tuhualite</b>
<b>Mountainite</b>	<b>Sborgite</b>	<b>Uklonskovite</b>
<b>Nahcolite</b>	<b>Schairerite</b>	<b>Ungemachite</b>
<b>Nasinite</b>	<b>Schroeckingerite</b>	<b>Ureyite</b>
<b>Natroniobite</b>	<b>Seidozerite</b>	Vanalite
<b>Naujakasite</b>	<b>Serandite</b>	Varulite
<b>Neighborite</b>	<b>Shcherbakovite</b>	<b>Vinogradovite</b>
<b>Nenadkevichite</b>	<b>Shortite</b>	Viseite
<b>Niobophyllite</b>	Smirnovskite	<b>Vlasovite</b>
<b>Nordite</b>	<b>Sodium autunite</b>	Wadeite
Obruchevite	Sodium uranospinite	Wairakite
Osumilite	<b>Stepanovite</b>	<b>Weberite</b>
Palermoite	<b>Swedenborgite</b>	<b>Wegscheiderite</b>
Palmerite	Tatarskite	<b>Yuksporite</b>
Paulingite	<b>Teepleite</b>	<b>Zhemchuzhnikovite</b>
<b>Probertite</b>		

see also Unnamed Minerals 49, 52, 53, 59, 73, 103

*Nd*

<b>Baotite</b>	Kupletskite	<b>Obruchevite</b>
<b>Belyankinite</b>	Labuntsovite	<b>Pandaite</b>
Bismutotantalite	<b>Latrappite</b>	<b>Rijkeboerite</b>
Cerianite	Lomonosovite	<b>Scheteligite</b>
<b>Fersmite</b>	<b>Loparite</b>	<b>Shcherbakovite</b>
<b>Freudenbergite</b>	<b>Lueshite</b>	Simpsonite
<b>Gerasimovskite</b>	<b>Magnocolumbite</b>	<b>Sinicite</b>
<b>Ishikawaite</b>	<b>Manganbelyankinite</b>	<b>Tanteuxenite</b>
<b>Ixiolite</b>	<b>Natroniobite</b>	<b>Tundrite</b>
<b>Karnasurtite</b>	<b>Nenadkevichite</b>	<b>Westgrenite</b>
<b>Khlopinite</b>	<b>Niobo-aeschynite</b>	<b>Wodginitite</b>
Kimzeyite	<b>Niobophyllite</b>	Zirconolite
Kobeite	<b>Niocalite</b>	

*NH<sub>4</sub> and N*

<b>Ammonioborite</b>	<b>Koktaite</b>	<b>Osbornite</b>
Ammoniojarosite	<b>Letovicite</b>	<b>Sinoite</b>
<b>Bararite</b>	Mosesite	Uramphite
<b>Buddingtonite</b>		

53. Mineralogist, 63576,

*Ni*

<b>Aerugite</b>	Cattierite	<b>Hellyerite</b>
<b>Ahlfeldite</b>	<b>Cobalt pentlandite</b>	<b>Honessite</b>
Alvanite	<b>Dienierite</b>	<b>Imgreite</b>
<b>Aplowite</b>	<b>Eardleyite</b>	<b>Karpinskite</b>
Braggite	<b>Heazlewoodite</b>	<b>Kitkaite</b>

Kolovratite	Pararammelsbergite	Trüstedtite
Kullerudite	Parkerite	Tyrrellite
Kurumsakite	Penroseite	Vaesite
Mackinawite	Retgersite	Villamaninite
Magnesite (Hoshiite)	beta-Roselite	Violarite
Mäkinenite	Sederholmite	Vysotskite
Moorhouseite	Smolianinovite	Wilksmanite
Orcelite	Trevorite	Xanthiosite
Oregonite		

see also Unnamed Minerals 1, 17, 21, 22, 40, 41

*Os*

see Unnamed Mineral 27

*Pb*

Becquerelite	Galenobornite	Orlite
Benjaminite	Giessenite	Osarizawaite
Betekhtinite	Gladite	Owyheeite
Beyerite	Gratonite	Palmierite
Blixite	Hallimondite	Parajamesonite
Bonchevite	Hammarite	Parsonsite
Bursaitite	Hatchite	Perite
Cannizzarite	Hematophanite	Przhevalskite
Castaingite	Hidalgoite	Pyrobelonite
Cesarolite	Hochschildite	Quenselite
Chalconatrite	Hügelite	Ramdohrite
Chervetite	Ikunolite	Renardite
Chloroxiphite	Iranite	Richetite
Clarkeite	Itoite	Robinsonite
Coronadite	Jagoite	Sahlinite
Cousinite	Kasolite	Sakharovaitite
Curite	Larsenite	Schmeiderite
Dewindtite	Lindstromite	Schuingite
Diaboleite	Litharge	Schultenite
Duftite	Lorettoite	Shandite
Dumontite	Lusungite	Synadelphite
Esperite	Magnetoplumbite	Trigonite
Ferrazite	Margarosanite	Ustarasite
Finnemanite	Marrite	Vandenbrandeite
Fizelyite	Metavandendriesscheite	Vandendriesscheite
Fleischerite	Moctezumite	Wherryite
Fornacite	Montesite	Widenmannite
Fourmarierite	Murdochite	Wittite
Francevillite	Nasledovite	Wölsendorfite
Fülöppite		

see also Unnamed Minerals 5, 30, 32–34, 51, 60, 81, 82, 84



*Pd*

Braggite	Kotulskite	Stannopalladinite
Cooperite	Michenerite	Stibiopalladinite
Froodite	Moncheite	Vysotskite
Hollingworthite	Potarite	

see also Unnamed Minerals 5, 8, 9, 11, 23

*Pt*

Braggite	Hollingworthite	Niggliite
Cooperite	Michenerite	Stannopalladinite
Geversite	Moncheite	Vysotskite

see also Unnamed Minerals 3, 4, 10, 25-27

*Re*

Dzhezkazganite

*Rh*

Hollingworthite

*S*

Note—All the minerals listed under Sulfates and Sulfosalts, Table 2, belong here, but are not repeated, to save space.

Betekhtinite	Gudmundite	Mawsonite
Braggite	Hawleyite	Molybdenite -3R
Castaingite	Heazlewoodite	Roquesite
Cattierite	Herzenbergite	Rosickyite
Cobalt pentlandite	Hexastannite	Shandite
Cooperite	Hollingworthite	Smythite
Csiklovaite	Idaite	Tyrrellite
Digenite	Ikunolite	Vaesite
Djurleite	Indite	Villamaninite
Dzhezkazganite	Iron-alabandite	Violarite
Femolite	Jalpaite	Vysotskite
Galenobornite	Jeromite	Wurtzite -4H, -6H, -8H, -9R, -10H, -12R, -15R, -21R
Gallite	K�esterite	
Genthelvite	Laitakarite	
Getchellite	Mackinawite	
Greigite	Matraite	

see also Unnamed Minerals 16-21, 23, 28-34

*Sb*

Antimonpearceite	Chapmanite	Giessenite
Aramayoite	Fizelyite	Gudmundite
Aurostibite	F�l�ppite	Katoptrite
Benjaminite	Gerstleyite	Ordonezite
Bystr�mite	Getchellite	Owyheite
Cervantite	Geversite	Parajamesonite

<b>Ramdohrite</b>	<b>Scheteligite</b>	Tellurobismuthite
<b>Robinsonite</b>	<b>Stibiopalladinite</b>	Ustarasite
<b>Sakharovaite</b>	<b>Swedenborgite</b>	<b>Yeatmanite</b>
<b>Schafarzikite</b>		

see also Unnamed Minerals 3, 4, 8, 9, 11, 32, 34, 48

*Sc*

<b>Bazzite</b>	<b>Kolbeckite</b>	<b>Thortveitite</b>
----------------	-------------------	---------------------

*Se*

<b>Ahlfeldite</b>	<b>Jeromite</b>	<b>Sederholmite</b>
<b>Bornhardtite</b>	<b>Kitkaite</b>	<b>Siegenite</b>
<b>Cadmoselite</b>	<b>Klockmannite</b>	<b>Stilleite</b>
<b>Cosalite</b>	<b>Kobellite</b>	<b>Trogtalite</b>
<b>Csiklovaite</b>	<b>Kullerudite</b>	<b>Trüstedtite</b>
<b>Eskebornite</b>	<b>Laitakarite</b>	<b>Tyrrellite</b>
<b>Ferroselite</b>	<b>Mäkinenite</b>	<b>Vaesite</b>
<b>Freboldite</b>	<b>Molybdomenite</b>	<b>Wilkmanite</b>
<b>Guilleminite</b>	<b>Paraguajuatite</b>	<b>Wittite</b>
<b>Hastite</b>	<b>Penroseite</b>	
<b>Ikunolite</b>	<b>Schneiderite</b>	

*Si*

Here belong the minerals listed under Silicates, Table 2. The listing is not repeated, to save space.

<b>Bararite</b>	<b>Painite</b>	<b>Sinoite</b>
<b>Malladrite</b>		

see also Unnamed Minerals 1, 2

*Sn*

<b>Arandisite</b>	<b>Ixiolite</b>	<b>Pabstite</b>
<b>Colusite</b>	<b>Kësterite</b>	<b>Rijkeboerite</b>
<b>Gahnite (limaite)</b>	<b>Malayaite</b>	<b>Stannopalladinite</b>
<b>Herzenbergite</b>	<b>Mawsonite</b>	<b>Thoreaulite</b>
<b>Hexastannite</b>	<b>Montesite</b>	<b>Unnamed SnS<sub>2</sub> and Sn<sub>2</sub>S<sub>3</sub></b>
<b>Hochschildite</b>	<b>Nigerite</b>	<b>Varlamoffite</b>
<b>Ishikawaite</b>	<b>Niggliite (?)</b>	<b>Wodginite</b>

see also Unnamed Minerals 10, 28, 29

*Sr*

<b>Belovite (of Borodin and Kazakova)</b>	<b>Delrioite</b>	<b>Nordite</b>
<b>Benstonite</b>	<b>Hendersonite</b>	<b>Palermoite</b>
<b>Bøggildite</b>	<b>Isokite</b>	<b>Pandaite</b>
<b>Brockite</b>	<b>Jarlite</b>	<b>Santafeite</b>
<b>Burbankite</b>	<b>Kalistrontite</b>	<b>Stenonite</b>
<b>Carbocernaite</b>	<b>Kurgantaite</b>	<b>Strontiorborite</b>
<b>Crandallite</b>	<b>Lusungite</b>	<b>Strontionigorite</b>
	<b>Mackelveyite</b>	<b>Strontium-apatite</b>

<b>Thomsonite</b>	<b>Tunellite</b>	<b>p-Veatchite</b>
<b>Tikhonkovite</b>	<b>Veatchite</b>	<b>Yoshimuraite</b>

see also Unnamed Mineral 37

*Ta*

<b>Behierite</b>	<b>Magnocolumbite</b>	<b>Sinicite</b>
<b>Bismutotantalite</b>	<b>Obruchevite</b>	<b>Tanteuxenite</b>
<b>Ishikawaite</b>	<b>Rijkeboerite</b>	<b>Thoreaulite</b>
<b>Ixiolite</b>	<b>Scheteligite</b>	<b>Westgrenite</b>
<b>Khlopinite</b>	<b>Simpsonite</b>	<b>Wodginite</b>

*Te*

<b>Blakeite</b>	<b>Imgreite</b>	<b>Niggliite</b>
<b>Colusite</b>	<b>Kitkaite</b>	<b>Paratellurite</b>
<b>Csiklovaite</b>	<b>Kotulskite</b>	<b>Parsonsite (?)</b>
<b>Denningite</b>	<b>Mackayite</b>	<b>Skłodowskite (?)</b>
<b>Dumontite (?)</b>	<b>Michenerite</b>	<b>Spiroffite</b>
<b>Empressite</b>	<b>Moctezumite</b>	<b>Teineite</b>
<b>Frohbergite</b>	<b>Moncheite</b>	<b>Vulcanite</b>
<b>Hedleyite</b>	<b>Montbrayite</b>	<b>Weissite</b>

see also Unnamed Minerals 15, 31, 63-67

*Th*

<b>Brannerite</b>	<b>Karnasurtite</b>	<b>Sinicite</b>
<b>Brockite</b>	<b>Khlopinite</b>	<b>Smirnovskite</b>
<b>Cerianite</b>	<b>Loparite</b>	<b>Spencite</b>
<b>Cheralite</b>	<b>Manganosteenstrupine</b>	<b>Tanteuxenite</b>
<b>Ekanite</b>	<b>Niobo-aeschnyite</b>	<b>Thorbastnaesite</b>
<b>Grayite</b>	<b>Perrierite</b>	<b>Thorosteenstrupine</b>
<b>Huttonite</b>	<b>Saryarkite</b>	<b>Thorutite</b>

see also Unnamed Mineral 95

*Ti*

<b>Bafertisit</b>	<b>Götzenite</b>	<b>Loparite</b>
<b>Baotite</b>	<b>Hibonite</b>	<b>Lovozerite</b>
<b>Batisite</b>	<b>Högbomite</b>	<b>Magnetoplumbite</b>
<b>Belyankinite</b>	<b>Innelite</b>	<b>Magnocolumbite</b>
<b>Brannerite</b>	<b>Joaquinite</b>	<b>Manganbelyankinite</b>
<b>Cafetite</b>	<b>Karnasurtite</b>	<b>Mangan-neptunite</b>
<b>Calzirtite</b>	<b>Kennedyite</b>	<b>Manganosteenstrupine</b>
<b>Chinglusuite</b>	<b>Khlopinite</b>	<b>Muirite</b>
<b>Crichtonite</b>	<b>Kimzeyite</b>	<b>Natroniobite</b>
<b>Fersmanite</b>	<b>Kobeite</b>	<b>Nenadkevichite</b>
<b>Fersmite</b>	<b>Kupletskite</b>	<b>Niobo-aeschnyite</b>
<b>Fresnoite</b>	<b>Labuntsovite</b>	<b>Niobophyllite</b>
<b>Freudenbergite</b>	<b>Latrappite</b>	<b>Obruchevite</b>
<b>Gerasimovskite</b>	<b>Lomonosovite</b>	<b>Osbornite</b>

Pabstite	Shcherbakovite	Tundrite
Pandaite	Sinicite	Ulvöspinel
Perrierite	Tanteuxenite	Verplanckite
Priderite	Taramellite	Vinogradovite
Redledgeite	Thorutite	Wadeite
Rijkeboerite	Tinaksite	Yoshimuraite
Scheteligite	Traskite	Zirconolite
Seidozerite		

see also Unnamed Minerals 38, 87

*Tl*

Avicennite	Hatchite
------------	----------

*U*

Abernathyite	Ishikawaite	Ranquillite
Andersonite	Kahlerite	Rauvite
Arsenuranylite	Kasolite	Renardite
Barium uranophane	Khlopinite	Richetite
Bassettite	Kobeite	Rijkeboerite
Bayleyite	Lermontovite	Sabugalite
Becquerelite	Mackelveyite	Saleeite
Bergenite	Meta-haiweeite	Schoepite
Billietite	Metaheinrichite	Sengierite
Boltwoodite	Metakahlerite	Sharpite
Brannerite	Metakirschheimerite	Sinicite
Calcurmolite	Metanovacekite	Sklodowskite
Cheralite	Metaschoepite	Soddyite
Clarkeite	Metatorbernite	Sodium autunite
Coffinite	Metatyuyamunite	Sodium uranospinite
Compreignacite	Meta-uranopilite	Studtite
Corvusite	Meta-uranospinite	Swartzite
Cousinite	Metavandendriesscheite	Tanteuxenite
Cuprosklodowskite	Metazeunerite	Thorutite
Curite	Moctezumite	Uramphite
Dewindtite	Moluranite	beta-Uranophane
Dumontite	Mourite	Ursilite
Ekanite	Ningyoite	Vandenbrandeite
Fourmarierite	Novacekite	Vandendriesscheite
Francevillite	Obruchevite	Vanuralite
Guilleminite	Orlite	Weeksite
Haiweeite	Paraschoepite	Widenmannite
Hallimondite	Parsonsite	Wölsendorfite
Heinrichite	Przhevalskite	Wyartite
Hügelite	Pseudo-autunite	Zellerite
Ianthinite	Rabbittite	Zirconolite
Iriginite		

see also Unnamed Minerals 37, 42–45, 69, 74

## V

(The minerals listed under Vanadates, Table 2, all belong here. They are not listed, to save space).

<b>Arsenosulvanite</b>	<b>Duttonite</b>	<b>Kurumsakite</b>
<b>Coffinite</b>	<b>Eskolaite</b>	<b>Montroseite</b>
<b>Corvusite</b>	<b>Goldmanite</b>	<b>Navajoite</b>
<b>Coulsonite</b>	<b>Häggite</b>	<b>Paramontroseite</b>
<b>Doloresite</b>	<b>Karelianite</b>	<b>Vanoxite</b>

see also Unnamed Minerals 46, 47, 83, 84

## W

<b>Anthoinite</b>	<b>Russellite</b>	<b>Tungstenite</b>
<b>Ferritungstite</b>	<b>Sanmartinite</b>	<b>Yttrotungstite</b>
<b>Hydrotungstite</b>	<b>Scheteligite</b>	

*Y group*

<b>Abukumalite</b>	<b>Ishikawaite</b>	<b>Scheteligite</b>
<b>Brannerite</b>	<b>Khlopinite</b>	<b>Sinicite</b>
<b>Brockite</b>	<b>Kobeite</b>	<b>Spencite</b>
<b>Cerianite</b>	<b>Lomgaardite</b>	<b>Tanteuxenite</b>
<b>Chukhrovite</b>	<b>Mackelveyite</b>	<b>Thorbastnaesite</b>
<b>Doverite</b>	<b>Niobo-aeschnite</b>	<b>Thorveitite</b>
<b>Formanite</b>	<b>Obruchevite</b>	<b>Weinschenkite</b>
<b>Gagarinite</b>	<b>Saryarkite</b>	<b>Yttrotungstite</b>

see also Unnamed Minerals 99, 100

## Zn

<b>Austinite</b>	<b>Ktenasite</b>	<b>Scholzite</b>
<b>Bianchite</b>	<b>Kurumsakite</b>	<b>Spencerite</b>
<b>Bursaite</b>	<b>Larsenite</b>	<b>Spiroffite</b>
<b>Chlorophoenicite</b>	<b>Legrandite</b>	<b>Stilleite</b>
<b>Chudobaite</b>	<b>Loseyite</b>	<b>Stranskiite</b>
<b>Cryptomelane</b>	<b>Macgovernite</b>	<b>Teallite</b>
<b>Denningite</b>	<b>Manganpyrosmalite</b>	<b>Todorokite</b>
<b>Eardleyite</b>	<b>Matraite</b>	<b>Torreyite</b>
<b>Esperite</b>	<b>Mooreite</b>	<b>Woodruffite</b>
<b>Faustite</b>	<b>Nigerite</b>	<b>Wurtzite</b> -4H, -6H, -8H, -9R, -10H, -12R, -15R, -21R
<b>Fraipontite</b>	<b>Ordonezite</b>	<b>Yeatmanite</b>
<b>Genthelvite</b>	<b>Paradamite</b>	<b>Zinalsite</b>
<b>Glaucokérinite</b>	<b>Phosphophyllite</b>	<b>Zincbotryogen</b>
<b>Gunningite</b>	<b>Poitevinite</b>	<b>Zincfauserite</b>
<b>Hexastannite</b>	<b>Reinerite</b>	<b>Zinc-melanterite</b>
<b>Högbomite</b>	<b>Renierite</b>	<b>Zincocopiapite</b>
<b>Holdenite</b>	<b>Rockbridgeite</b>	<b>Zincrosasite</b>
<b>Karpinskyite</b>	<b>Roweite</b>	<b>Zincsilite</b>
<b>Kehoeite</b>	<b>Salmoite</b>	
<b>Késterite</b>	<b>Sanmartinite</b>	
<b>Kolovratite</b>		

see also Unnamed Minerals 54, 66, 67, 82

*Zr*

Batisite  
Belyankinite  
Calcium catapleite  
Calzirtite  
Chinglusuite  
Dalyite

Keldyshite  
Kimzeyite  
Kupletskite  
Lomonosovite  
Lovozerite  
Manganosteenstrupine

Seidozerite  
Shcherbakovite  
Vlasovite  
Wadeite  
Zirconolite