The following abbreviations appear after page numbers.

- () Reported from this locality; no further information
- b Book review
- c Crystal morphology information
- d Crystal drawing
- ff Continues on following non-consecutive pages, or referenced frequently throughout lengthy article
- g Geologic information
- h Historical information

- m A map of the locality or a map on which the locality appears
- n Brief descriptive note, as in "What's New in Minerals?"
- p Photograph or other illustration
- q Quantitative data (x-ray data, chemical analysis, physical properties, etc.)
- s Specimen locality attribution only; no information about the locality itself

In the case of special issues, the letter precedes the page number.

- T Tsumeb (vol. 8, no. 3)
- M Michigan Copper Country (vol. 23, no. 2)
- Y Yukon Phosphates (vol. 23, no. 4)
- G Greenland (vol. 24, no. 2)
- H History of Mineral Collecting (vol. 25, no. 6)

# ABELSONITE

# **United States**

Utah

Uintah County (crystalline) 8:379p

# **ABERNATHYITE**

Vs. chernikovite (formerly hydrogen autunite) 19:251a

#### France

Lodéve, Herault 18:365n

#### **ACANTHITE**

# Australia

Queensland

Mt. Isa mine 19:478

#### **Brazil**

Minas Gerais

Mina do Joel, Serra do Parela (rims in polished sections) **6:**282

# Canada

British Columbia

Highland Bell mine, Beaverdell: **20:**444p, **20:**446; primary crystals **2:**208p

Northwest Territories

Echo Bay mine, Port Radium: after argentite **20:**202–203p; after silver **20:**204p

Ontario

Silver Islet mine (after argentite) 17:60n Thunder Bay area mines (micro, after argentite) 13:107n

# Chile

Chañarcillo (octahedral) 10:201p

# Czech Republic (formerly Czechoslovakia)

Jachymov (St. Joachimsthal) (after argentite) 17:(15)

Třebsko deposit (T-1 vein) (micro grains) 22:210

# France

Les Farges mine, Corréze 13:(267)

# Germany

Baden-Württemberg

Gottesehre mine, St. Blasien (after argentite) 17:(6)

# Obersachsen

Annaberg (after argentite) 17:(16)

Bräunsdorf, Freiberg: after argentite 17:(18), 20:483; some after argentite 18:163n

Freiberg district (after twinned argentite) 7:168p,d

Johanngeorgenstadt (in "silver agate" jasper nodules) **17:**14

Schneeberg (after argentite) 17:(13)

# Rheinland-Pfalz

Angelika mine, Nieder-Beerbach (after argentite) 17:(7)

Friedrichssegen mine ("argentite" coating on cerussite) **15:**333

# Mexico

Chihuahua

Batopilas district 17:72p, 17:76-78

Santo Domingo mine, Batopilas district, after argentite cubes 17:75p, 17:78

#### Guanajuato

Reyes mine: 25:58n; after argentite 7:187, 7:188p; after cubic argentite 18:433n; arborescent, on polybasite 18:366–367n; crystals to 2.5 cm 14:386; 7 cm crystal 17:341n

# Namibia

Tsumeb (disseminated) 8:T18n

# Norway

Kongsberg (after argentite; some after silver wires, crystals) 17:33c

# **United States**

Arizona

Bisbee district (unconfirmed) **12:**(315) Mammoth mine, Pinal County, micro crystals **11:**161, **11:**164

# California

Defiance mine, Inyo County **15:**(13)

Monitor-Mogul district, Alpine County (crystalline, sooty) **22:**36

# Colorado

American Sisters mine, Clear Creek County (after argentite, to 1.2 cm) 7:283

Bandora mine, San Juan County (unconfirmed) 19:246

Buffalo Boy mine, San Juan County (after dodecahedral argentite) 7:301n

Bulldog mine, Creede 10:330–331 Enterprise mine, Rico district (with pearceite) 16:213n

Newman Hill, Rico district **16:**213n

Rico Argentine mine, Rico district (some with gold) **16:**(213)

Rico district, Dolores County **16:**213 San Juan Mountains ("argentite") **10:**358n Idaho

Bunker Hill mine (minute blades) **12:**341 New Mexico

Alhambra mine, Grant County **20:59** Hansonburg district, Socorro County ("argentite") **20:**(35)

Iron Mask mine, Socorro County **20:**17 South Dakota

Double Rainbow mine, Lawrence County ("argentite" micro) 1:124n

# "ACHTARAGDITE"

See Helvite

# "ACMITE"

# See Aegirine

# ACTINOLITE Australia

South Australia

Moonta mines **19:**(412)

Wallaroo mines 19:(413)

#### Austria

Knappenwand, Salzburg 17:177p; "byssolite," in apatite 17:108p

# Brazil

Bahia

Brumado district (crystals to 25 cm; some curved) 9:204–205p

#### Canada

British Columbia

Ice River complex (tremolite-actinolite, green fibrous) **12:**224

#### Québec

B.C. mine, Thetford **20:**(393)

Beaver mine, Thetford 20:(393)

Cantley (tremolite/actinolite) **19:**334n Jeffrey mine (fibrous) **10:**75, **10:**79q

Mt. St-Hilaire: **19:**364n; acicular **21:**294

# Mexico

Chihuahua

Batopilas district **17:**(79)

# Norway

Kongsberg **17:**(35)

# Portugal

Monte Redondo quarry (acicular to 15 cm) 2:42

# **United States**

Arizona

Bisbee district (fibrous) **12:**289

Mammoth mine, Pinal County ("mountain leather" id as palygorskite) 11:176

New Cornelia mine, Pima County **14:**293

Benitoite Gem mine, San Benito County (fibers) 8:451

Jensen quarry, Riverside County ("amianthus") **15:**276–277p, **15:**287n

Kalkar quarry, Santa Cruz County 17:324 Miracle Mountain mine, Calaveras County ("byssolite") 15:313n

New Melones Lake spillway, Calaveras County, fibrous to 1 cm 13:297–298q, 13:300–301p

# Colorado

Calumet iron mine, Chaffee County ("uralite"; after diopside) **10:**332

(some "uralite" after pyroxene; some "byssolite") 15:80

# Massachusetts

Chester emery mines 9:240n

# Nevada

Julie claim, Mineral County (some "byssolite" in quartz; one pseudomorph after epidote) 16:76n

Metals mine, Churchill County **20:**(70), **20:**(390)

# New Jersey

Oxford quarry, Warren County ("byssolite")
14:(44)

1

Paterson area, Passaic County (acicular) 9:173 New Mexico

Magdalena district, Socorro County 20:17 Pennsylvania

French Creek mine (fibrous; in calcite; some "uralite" after pyroxene) 25:111, 25:113p Keystone Trappe Rock quarry, Chester County ("byssolite") 2:19n

Virginia

Fairfax quarry, Fairfax County (acicular actinolite-tremolite, "byssolite") 3:174-178

## **ADAMITE**

# Australia

New South Wales

Kintore opencut, Broken Hill (cuprian; series with zincian olivenite) 19:427-428p,q

South Australia

Beltana mine (glassy to 1 cm; some cuprian) 22:450-451c,d

#### Greece

Kamaréza mine, Laurium (micro crystals, trillings) 7:122n

### Mexico

Chihuahua

Santa Eulalia (1 cm bipyramidal) 22:390n

Ojuela mine 11:189, 17:341n, 20:237; 8 cm euhedral, some purple 13:39; purple 13:181-183p; some purple 14:386; 2 cm prismatic 22:390n

# Namibia

Tsumeb: adamite-olivenite series 10:113; cuprian 17:209p, 17:341n; cuprian adamite prob. Zn-olivenite 9:44; cuproadamite **15:**112p; olivenite-"cuproadamite," crystals to 12 mm 12:45; some pink cobaltian, green cuprian 8:T18, 8:T48, 8:T68-69p

# **United States**

Arizona

Grandview mine, Coconino County 2:220n California

Kalkar quarry, Santa Cruz County 17:323 Zinc Hill mine, Inyo County: cuprian, crystalline clumps 6:112, 6:113p; cuproadamite 15:13n

Nevada

Gold Hill (yellow, green, blue 1 cm spheres) 14:56

New Jersey

Sterling Hill mine: 13:38; cuprian 13:(37)

# ADELITE

# Sweden

Långban (micro crystals) 10:217

# **United States**

New Jersey

Franklin mine **10:**160–161q Sterling Hill mine 13:(37)

# "ADULARIA"

See Orthoclase

# **AEGIRINE**

# Canada

British Columbia

Ice River complex ("acmite"; emerald green to 10 cm) 12:225-226q

# Québec

DeMix quarry **18:**(363)

Mt. St-Hilaire: 17:147n; acicular 13:244; impaling various micro crystals 13:246-247p; other species impaled upon 10:103; prismatic andacicular 21:294p

Poudrette quarry (with serandite) 18:363n

# Greenland

Narssârssuk 5:119, 5:120p

Mt. Malosa, Zomba district: crystals to 20 cm 25:29, 25:31c, 25:32p; terminated, to 8 cm 20:216, 22:390n

#### South Africa

Cape Province

Black Rock mine: 22:281; "acmite" 9:150

#### Sweden

Långban district manganoan, "schefferite" 9:(113)

### **United States**

Colorado, Wyoming, Utah

Green River formation ("acmite") 8:368-371

### New Jersey

Franklin/Sterling Hill ("jeffersonite") 19:274n Lincoln Park, Morris County (acicular "acmite," babingtonite poss. altering to) 12:382p

New Mexico

Point of Rocks quarry, Colfax County 15:151 Wind Mountain, Otero County 20:(60)

# Oregon

Summit Rock, Douglas County (yellow, some after hypersthene) 16:143n

Washington

Washington Pass, Okanogan County (in quartz) 14:51n

### AESCHYNITE-(Ce), -(Nd), -(Y)

### Austria

Böckstein, Salzburg 8:291

Kaiserer and Lohninger quarries, Salzburg 13:172p, 13:173n

Ontario

Quadeville beryl-lyndochite quarry, Renfrew County ("lyndochite," crystals to 19 cm) 13:200h

# Switzerland

Seven localities 8:290p, 8:291

# **AFGHANISTAN**

Badakhshan 19:272s, 20:145s

Dara Pech, Kunar 25:380s

Farmggu (Firgamu) village, Kokcha River valley, Badakhshan 19:211s, 21:486n, 22:386s

Firgamu (see Farmggu)

Gugali 21:487s

Jegdalek, Sarobi 23:432s

Kokcha River (see Farmggu)

Koona Valley 19:272s

Korano Mujan, Konhar 23:432s

Korgal deposit, north of Jalalabad, Laghman province 9:304m, 9:305-306g

Kunar (near) (Kuhnar), Kunar province 11:315, 24:384s

Laghman 19:271s

Locality not specified further 20:397s

Mawi deposit, north of Jalalabad, Laghman province 9:303m, 9:304-305g, 11:322s, 24:384s,

Nilaw deposit, north of Jalalabad, Laghman province 9:302-304g,m

Nuristan (geographic region encompassing parts of Badakhshan and Laghman provinces), uncertain locality 21:486s

Nuristan region, Laghman and Kunar provinces **9:**301–308h,p,g,m

Panzher Valley 24:384s

Paprok (Paprock, Pavrok) prospect, Kamdesh, Nuristan, Kunar province 23:432s, 23:499s, 25:57-58s,h, 25:61s, 25:218s

Paroc, near Pachigram, Kunar, Laghman 22:386s Pech, Laghman 22:386s

Political situation (1978) 9:307-308h

Sar E Sang, Nuristan 19:120s, 22:216s, 22:386s

### AFRICA

See also individual countries

Central African tungsten province (Kigezi district, southwest Uganda; Rwanda; Maniema, Kivu districts, east Zaire) 12:81-87

Mineral Economics of Africa 19:206b

### AFWILLITE

# Germany

Rheinland-Pfalz

Laacher See area, Eifel district (tabular) 8:319d

# **South Africa**

Cape Province

N'Chwaning II mine 22:281n

Wessels mine (clear prismatic to 4.5 cm)

#### **United States**

California

Crestmore quarry, Riverside County 10:41

# AGARDITE-(La), -(Y)

# Australia

South Australia

Spring Creek mine ("chlorotile") 12:(107)

#### Italy

Sardinia

Pala su Sciusciu, Santa Lucia (agardite-(Y)) 19:307

Sa Duchessa (agardite-(Y)) 19:306-308q,p Santa Lucia (agardite-(Y)) 19:306-308q,p Su Sizzimareddu, Santa Lucia (agardite-(Y)) 19:307

#### Morocco

Bou-Skour copper deposit: 8:(517); agardite-(Y); micro acicular; "mixite," "chlorotile" from other localities id as 1:30q,h

# **United States**

New Mexico

Red Cloud mines, Lincoln County: 11:69; agardite-(La) 20:61n, 22:384n

# "AGATE"

See Chalcedony

# AGRELLITE

# Canada

Ouébec

Kipawa complex, Timiskaming County **8:**(517), **19:**(335)

# AGRINIERITE

Margnac (newly described; minute crystals) 5:40-41h,d,c,q

# AGUILARITE

# Mexico

Guanajuato

San Carlos mine 8:(517)

# AHLFELDITE

# **Bolivia**

El Dragón mine, Potosí (green micro spheres) 21:140c,p,d

# AIKINITE

# **United States**

Arizona

Bisbee district 12:(289)

Colorado

San Juan Mountains (2 localities) 10:357n Twenty-Six mine, Custer County (massive) **7:**274

# Nevada

Outlaw mine, Nye County (masses to 5 cm; minute crystals) 22:177p

Chantilly quarry, Loudoun County (3 mm euhedral) 8:60-61p,q

# AJOITE

### South Africa

Transvaal

Messina mine: 18:(244), 18:(368); in quartz crystals 17:209p, 22:193, 22:194-195p

### **United States**

Arizona

New Cornelia mine, Pima County (crystals) 14:286p, 14:293h

### AKERMANITE

# South Africa

Cape Province

Wessels mine 22:281, 22:296q

### AKROCHORDITE

#### **United States**

New Jersey

Sterling Hill mine 13:(37)

#### **AKTASHITE**

### Canada

Ontario

Hemlo gold deposit 17:(340)

### ALABAMA

Bibliography of locality literature **18:**211–212 Bibliography of mineralogy literature 10:13-14 Bluffton, Cherokee County 5:241

Coosa County (pegmatite) 4:116s

Early gold discoveries and rushes 18:65-66h Indian Mountain, Cherokee County 5:241-244h,g, 9:388-390s, 20:355-362p,m,h,g

Jacksonville (road cut northwest of), Calhoun County 9:390-391s

Lake Martin, south of Alexander City, Elmore County 9:391s

Lowe farm, north of Leesburg, Cherokee County 21:209s

Pell City, St. Clair County 9:391s

Pinetucky mine, Randolph County 18:71-72g,h Rock Run Station, Indian Mountain, Cherokee County 5:241, 9:388s, 9:389s, 20:358-361s

Tecumseh Furnace, Cherokee County 5:241

Williams pegmatites, west of Pentonville, Coosa County **6:**66–73m,h,g,p, **25:**214s

Wolfden Mountain, southwest of Rock Run 9:388s Wood Copper mine, near Micaville, Cleburne County 9:391s

# ALABANDITE

# Canada

Québec

Poudrette quarry: 21:(486); 1 mm crystals 21:294

# Russia (formerly USSR)

Alakhjun, Yakutia (3 cm cleavages) 22:393n

#### **United States** Arizona

Higgins mine, Bisbee district 12:289-290 Junction shaft, Bisbee district 12:289–290

Lucky Cuss mine, Tombstone district (masses) 11:251, 11:253

# Colorado

Argentine Pass area, Summit County (crystals) 7:284n

Dunmore mine, Ouray County 10:357n Italian Mountain area, Gunnison County 15:86n

Whale mine (southeast of), Park County 1:101 New Mexico

Hansonburg district, Socorro County 20:(35) North Carolina

Bald Knob, Alleghany County (grains) 12:171

# ALAMOSITE

# Namibia

Tsumeb: 8:(390), 9:(113), 13:143p; crystals to 3.5 cm 6:251p; crystals to 3 mm 8:T18, 8:T48, 8:T58p

# **United States**

Arizona

Mammoth mine, Pinal County (sheaves, spheres) 11:170

Bibliography of locality literature 18:212 Bibliography of mineralogy literature 10:14 Brooks Mountain, Seward Peninsula 4:27s Claim #1 (near Discovery claim) 18:83s

Copper Mountain district, Prince of Wales Island 8:4-12h,p,m,g

Discovery claim, Anvil Creek, Cape Nome 18:83s Green Monster Mountain area, east of Copper Mountain district, Prince of Wales Island 8:4-12h,p,m,g, **23:**280s

Jumbo mine, Copper Mountain district, Prince of Wales Island 8:4-9h,m,g

Kuiu Island, off Cornwallis Peninsula 18:359s,

Localities not specified 13:356s, 13:368s

Manley Hot Springs area, near Arctic Circle 21:481s

Prince of Wales Island: 8:4-12h,p,m,g, 19:331s; collecting policy 8:380

Rocky Pass, near Kuiu and Kupreanof islands

Sitka (island near) 19:331s

Zarembo Island, off Cornwallis Peninsula 19:113s

# "ALASKAITE"

See Pavonite

# ALBERTA

Athabasca (near) 23:428s

Crowsnest Pass, Coleman 15:93

Willow Creek, near Nanton 24:49s

#### ALBITE

Perthite terminology summary 21:239 Variety "cleavelandite" 1:49-50h, 19:150h

# Australia

Victoria

Bendigo 18:29n

Woods Point 18:29n

# Austria

Knappenwand, Salzburg (on "byssolite" actinolite) 17:177p

Schwemmhoisl quarry, near Deutschlandsberg, Steiermark (Styria) 17:(106)

# Brazil

Minas Gerais

Campo do Boa, northwest of Capelinha (groups to 25 cm) 5:226, 5:228p

Córrego do Urucum pegmatite (molds after spodumene) 17:309

Córrego Frio mine, near Linópolis 14:232 Itatiaia mine, near Conselheiro Pena (tabular to 5 cm) 9:298

Jaguaraçu mine (crystals to 8 cm) 25:168 Morro Velho mine: 2:10n; clear tabular to 5 cm 4:224p, 5:226

Pitora mine, near Galileia (large bladed "cleavelandite") 21:412n

Urubu pegmatite, Araçuai area 12:75n Virgem da Lapa (near) ("cleavelandite") 13:25p, 13:27

# Paraíba

Alto Benedito pegmatite, northwest of Picuí (platy) 22:184n

# Canada

Ontario

Davis Hill (albite-antiperthite; sharp crystals to 15 cm) 21:238ff,c,q,d

Quadeville beryl-lyndochite quarry, Renfrew County (some "peristerite") 13:200p

Silver Crater mine, near Bancroft (crystals to 30 cm) 10:155n

Tory Hill (near) ("peristerite") 13:77n

Cantley (near McGregor Lake) 19:334n Mt. St-Hilaire: 13:244n, 21:294p; with calcite in grossular 19:325

Orford mine (micro crystals) 25:334–335

Sherbrooke area roadcuts 20:212-213p,d,c, 20:215p

Windsor, near Sherbrooke 18:(363)

# **England**

Cornwall

Lanterdan quarry, Tintagel 20:395

#### France

Glacier des Lanchettes, Massif Mont Tondu (clear to 1.5 cm) 9:133

#### Greenland

Kangerluarsuk ("analcitized") 5:123 Narssârssuk (Carlsbad twin) 5:119, 5:120p

Lombardy

Baveno area (usually oriented on orthoclase) 14:158-161c,d

#### Sicily

Lachea, Cyclopean Islands 17:205n

Tuscany

Buca della Vena mine 17:(263)

Calagio quarry, Carrara region 18:288p

Carrara region (some with orthoclase on) 18:288-289c,d

Elba (some oriented on orthoclase) 16:355-356d

# Madagascar

Anjanabonoina 20:195

#### Malawi

Mt. Malosa region (on K-feldspar) 25:31c

Hotvedt, Sandefjord (on microcline) 20:397

Gilgit division ("cleavelandite") 16:402 Stak Nala (near), Gilgit division ("cleavelandite" on elbaite) 16:405p

# South Africa

Transvaal

Messina district (reddish) 22:193

# Tanzania

Moshi 20:398

**United States** 

Arizona Bisbee district 12:290n

# California

Benitoite Gem mine, San Benito County (micro crystals) 8:450n

Himalaya dike system, San Diego County 8:466

Himalaya mine, San Diego County ("cleavelandite" on elbaite) 16:420p Jensen quarry, Riverside County (to 8 cm)

**15:**282 Little Three mine, San Diego County 18:(360),

**20:**109–110q New Melones Lake spillway, Calaveras County (clear euhedral to 2 cm) 13:297q,

13:298, 13:300p White Queen mine, San Diego County: 20:399; "cleavelandite" 8:512

# Colorado

Italian Mountain area, Gunnison County (red

UV fl.) 15:80 Pikes Peak batholith (with amazonite) **10:**376–378

Sheepshead, Crystal Park area, El Paso County (5 cm crystals) 16:223

Ten-Percenter mine (Key-hole vug), Teller County (with "amazonite") 18:148-150p Idaho

Centerville, Sawtooth Mountains (Baveno twins) 19:332n

Maine

Bennett quarry, Oxford County ("cleavelandite") 25:179

Mt. Mica, Oxford County ("cleavelandite") 16:369-370n

New Hampshire

Government pit, Carroll County 14:(47) Palermo mine, Grafton County ("cleave-

landite") 5:278n

New Jersey

Buckwheat open pit, Franklin (twinned) 14:185p

Chimney Rock quarry, Somerset County 9:31n

Oxford quarry, Warren County (3 mm complex twin) 14:43-44p,c,q

Paterson area, Passaic County (various unusual habits) 9:165, 9:166p, 9:171p

New Mexico

Harding mine ("cleavelandite") 8:120, 20:(64) Pennsylvania

Keystone Trappe Rock quarry, Chester County 2:19n

Wisconsin

Rib Mountain, Marathon County (many twinned, to 3 cm; some "cleavelandite") 12:96

#### ALGERIA

Djebel Hamimat, Constantine 24:233s

Djebel Nador: 24:235s; locality corrected to Nador, Morocco 25:50

# ALGODONITE

### Namibia

Tsumeb: massive 8:T18n; with native lead, probably smelter product 13:145

### **United States**

Arizona

Bisbee district (unconfirmed) 12:(315)

# ALLACTITE

# Sweden

Långban district (2.5 cm crystals, green in sunlight, purple in artificial light) 1:170 Nordmarks Odalfält mines, Värmland 1:165n, 22:(51)

# **United States**

New Jersey

Franklin 14:251-252p,q

Sterling Hill mine: 14:251–252p,q, 19:274n; 5 mm crystal **13:**36p

# ALLANITE-(Ce), -(Y)

Metamict 4:220

# Australia

Queensland

Mary Kathleen deposit: 19:489; micro 4:143 South Australia

Wallaroo mines 19:(412)

# Austria

Five localities 8:291

# Canada

Ontario

Cardiff mine, near Wilberforce 13:72n

Craigmont corundum mine, Renfrew County 13:(202)

Faraday (Madawaska) mine, near Bancroft 13:84

Highway 62 roadcut north of Bancroft 13:(111) J. G. Gole quarry, near Madawaska 13:84 Long Lake, Frontenac County (10 cm eu-

hedral) 13:72p MacDonald mine, near Hybla: 13:84; masses

to 30 cm 10:158 Quadeville area 13:84

Evans-Lou pegmatite (crystals to 1.2 m) 3:70n

Jeffrey mine 9:249, 10:76n

Mt. St-Hilaire (allanite-(Ce), tabular to 4 mm) 21:294

Orford mine (allanite-(Ce); micro) 25:335p,q Yates mine, Pontiac County (blades, crystals to 12 cm) 12:360, 12:361p

#### France

Tremorius mine, Ariège: 1 cm blades 25:215n; 2 cm prismatic 22:225

Trimouns quarry: gemmy micro 25:209p; 2.5 cm prismatic 21:489n

#### Germany

Rheinland-Pfalz

Laacher See area, Eifel district: 10:95p; tabular **8:**319d,c

#### Italy

Five localities 8:291

Lombardy

Baveno area (1 cm crystals) 14:160

Tuscany

Buca della Vena mine 17:263

# Norway

Hundholmen, Tysfjord, Nordland 22:52n

#### Switzerland

Four localities 8:291

### **United States**

Arizona

Bisbee district 12:(290)

New Cornelia mine, Pima County 14:293n

Jensen quarry, Riverside County 15:287n Kalkar quarry, Santa Cruz County (anhedral)

#### Colorado

Crystal Peak area, Park/Teller counties 16:(227), 16:230p

Italian Mountain area, Gunnison County 15:86n

Saint Peter's Dome area, El Paso County 16:(227)

# Connecticut

Flat Rock quarry, New London County (allanite-(Ce)) 19:332n

Haddam Neck, Middlesex County (allanite-(Ce)) 19:332n

Linkpot (allanite-(Ce)) 19:332n

# Georgia

Boly Field mine, Lumpkin County (with gold) 18:(68)

Franklin (allanite-(Ce)) 19:332n

# Montana

Snowbird mine, Mineral County (allanite-(Ce); crystals) 8:84

New Hampshire

Government pit, Carroll County 14:(47)

New Jersey

Bulls Ferry Road, North Bergen, Hudson County (micro) 22:384n

# New Mexico

Harding mine (crystals) 8:123n

Mina Tiro Estrella, Lincoln County: 20:61; allanite-(Ce) 20:51-52

Smokey Bear claims, Lincoln County (prob. id) 22:363

# Texas

Baringer Hill quarry, Llano County (masses to 135 kg) 7:182

Clear Creek pegmatite, Burnet County (crystals, masses) 8:90

# ALLARGENTUM

# Australia

Queensland

Mt. Isa mine 19:478

# Canada

Ontario

Glen Lake mine, Cobalt 9:(114)

# "ALLCHARITE"

Discredited as goethite 1:136h

# ALLEGHANYITE

# **United States**

Colorado

Eureka district, San Juan County 10:357n

New Jersey

Sterling Hill (highly magnesian) 15:299-302p,c,d,q

North Carolina

Bald Knob (southeast of), Alleghany County: 5 mm grains 2:43; grains resembling garnets 12:169, 12:170q

### ALLOCLASITE

#### Australia

Queensland

Mt. Isa mine 19:478

# ALLOPHANE

Amorphous

# Bolivia

El Dragón mine, Potosí (white, blue masses) 21:140

# Greece

Kamaréza mine, Laurium (coatings, masses) 7:122n

Niccioleta mine. Tuscany (crusts) 10:284

## New Zealand

Tui mine (waxy masses) 6:29

#### **United States**

Arizona

Bisbee district 12:290n

Mammoth mine, Pinal County (includes all clays not otherwise identified) 11:159

New Cornelia mine, Pima County (coatings) 14:293n

New Mexico

Kelly mine, Socorro County 20:17 ALLUAUDITE

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Montana

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Western Australia

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# Canada

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#### Scotland

Strathclyde/Dumfries and Galloway Leadhills-Wanlockhead district **12:**(250)

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New Mexico

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# Pennsylvania/Maryland

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Lac Nicolet mine, Wolfe County: **18:**(363); after unknown mineral **19:**334n

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New South Wales

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# Chile

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Alabama

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Arizona

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Rheinland-Pfalz

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#### Greenland

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Lombardy

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Western Australia

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#### Germany

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# Italy

Campania

Vesuvius **6:**74d, **6:**76c

#### United States

California

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Wheatley mine 20:377

Wyoming

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Wales

Clwyd

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ARAMAYOITE

Herminia, Julcani district 5:(219)

"ARANDISITE"

Poss, a mixture

Namibia

Arandis farm, near Swakopmund 9:(113s)

ARCANITE

Australia

Western Australia

Cocklebiddy (ammonian, "taylorite") 9:(113)

ARCHERITE

Australia

Western Australia

Petrogale Cave, west of Madura (announced; micro crystals) 9:39h

ARDEALITE

Australia

Western Australia

Moorba Cave, Jurien Bay 9:(113)

ARDENNITE

**Belgium** 

Sahn Chateau 11:29n

Salm 9:(113)

ARFVEDSONITE

Canada

Québec

DeMix quarry **18:**(363)

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Germany

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Mixture; also called "pseudorutile"

Australia

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ARKANSAS

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Dug Hill, north of Avant, Garland County **4:**294h,s, **16:**294s

Edith mine, Rush Creek district, Marion County **24:**292m, **24:**294h

Glenwood area 20:387s

Hot Springs area 5:233

Jeffrey quarry, just west of North Little Rock, Pulaski County **8:**59s, **9:**75–79h,g

Leader mine, Rush Creek district, Marion County 24:292h.m

Lonnie Boy mine, Rush Creek district, Marion County **24:**292h,m

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Magnet Cove igneous complex (near), Hot Spring County 1:140s

Mattie May mine, Rush Creek district, Marion County **24:**292–293h,m

Mauldin Mountain (including County Pit), Montgomery County **16**:152s, **16**:291–295m,p,g, **20**:387s, **21**:97s, **21**:481s, **25**:214s

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# ARMALCOLITE

# Moon

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# "AVELINOITE"

See Cyrilovite

### AVICENNITE

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