

GENERAL INDEX

VAESITE

United States

Missouri
Sweetwater mine, Reynolds County (minute crystalline; tentative id) **9:111–112p,q**

Zaire

Shinkolobwe mine **20:277**

“VALENCIANITE”

See Orthoclase

VALENTINITE

Bolivia

Oruro district: crystals to 2 cm **6:134**; 1 cm crystals **8:517n**
Porvenir mine, Huanuni district: crystals to 5 cm **6:134**; crystals to 1 mm **5:38–39c,d**

Canada

New Brunswick
Lake George mine (acicular to 4 cm) **22:267**
Québec
Lac Nicolet mine, Wolfe County **18:(363), 19:334n, 24:223n**

China

Lengshuijiang, Hunan (after stibnite, to 35 cm) **22:388n**
Xikuangshan mine, Lengshuijiang (valentinite/cervantite after stibnite) **23:277**

Italy

Tuscany
Cetine mine (crystals) **15:35p,c**
Pereta mine (on and after stibnite) **15:25p**

Macedonia (formerly Yugoslavia)

Allchar **24:445n**

United States

California
Antimony Peak, Kern County (crystals) **3:81**
Darwin Antimony mine, Inyo County **15:(17)**
Stayton mine, Stayton district **20:434**
Yellow Jacket mine, Stayton district **20:434**

VALLERITE

Brazil

São Paulo
Jacupiranga mine **15:266, 15:267p**

Canada

Québec
Marbridge #1 mine, Malartic district (veins to 6 mm) **7:177**

South Africa

Transvaal
Palaboro carbonatite, Loolekop **9:(114)**

United States

Arizona
Pima mine, Pima County **8:(517)**
Tucson, Pima County **9:(113)**

VANADINITE

Preparing and preserving specimens **2:258**
Use of varietal name “endlichite” discouraged **15:349–350q**

Australia

New South Wales
Broken Hill **7:31**
Tasmania
Magnet mine **19:(383)**

Austria

Altstefanie dump, Bleiberg district **17:367**

Brazil

Minas Gerais
Mina Grande quarry, near Itacarambi (long prismatic to 5 cm) **6:285p, 6:287–288, 6:290p**

England

Cumbria
Brandy Gill Lead mine (cream-colored globular) **22:120**
Caldbeck Fells **22:120**

Carrock mine (brown/cream zoned) **22:120**
Ingray Gill **22:(120)**
Old Potts Gill mine (brown) **22:120n**
Warwickshire
Judkins quarry **21:492n**

France

Les Farges mine, Corrèze **13:(267)**

Greece

Laurium area (crust) **7:123n**

Italy

Tuscany
Buca della Vena mine **17:266n, 17:267p**

Mexico

Chihuahua
Los Lamentos (brown arsenian, “endlichite”) **11:285p, 11:286**

Morocco

Locality not specified **10:188, 10:190p**
Mibladen **7:243p, 7:245p, 11:316, 12:187**
Toussit mine (beige “pyromorphite” id as) **15:347–350p,q**
T-West mine, Mibladen **20:69n, 20:396n**

Namibia

Tsumeb **8:T34n, 8:T62p**

Scotland

Dumfries and Galloway
Belton Grain vein, Wanlockhead (brown) **12:247p**

United States

Arizona
Amazon Wash, Maricopa County (in quartz) **11:265n**
Apache mine, Gila County: red equant prismatic to 1 cm **2:255, 2:257p**; red euhedral to 6 mm **21:481n**
Apache mine, Pinal County: **15:113p**; to 1 cm, with chatoyant zones **15:177**
C & B mine, Gila County: **6:109, 11:216**; rosettes **11:218p**
Castle Dome district, Yuma County (green) **19:331n**
Grey Horse mine, Pinal County (cavernous crystals) **11:232–233p**
Hamburg mine, La Paz County (brilliant red to 1.5 cm) **11:137–139p**
J. C. Holmes claim, Santa Cruz County: pyramidal **17:112–115p,c,d,q**; pyramidal terminations **15:44–45n**
Mammoth mine, Pinal County: **11:167p, 11:170**; altering to descloizite **11:264n**
Old Yuma mine, Pima County: micro **11:261n**; some complex, cavernous, some after wulfenite **14:97p,d, 14:106c, 14:(326p)**
Puzzler mine, Yuma County **20:236, 20:(387)**
Ramsey mine, La Paz County: brown **23:275p, 23:276**; brownish-green, not pyromorphite **22:381n**
Romaldo Pachecos mine, La Paz County (multiple crystal) **11:139–140p**
Rowley mine, Maricopa County: red, brown, yellow to 4 mm **5:24, 5:26p**; some perimorphs after wulfenite **17:404–405n**
Shattuck shaft, Bisbee district (arsenian, 2 cm crystals) **12:315**
Tonopah-Belmont mine, Maricopa County **19:141p, 19:143**
Western Union mine, Mohave County (acicular bundles) **21:481–482p**

California
Darwin mines, Inyo County **15:(17)**
Jensen quarry, Riverside County (acicular, with clinobisvanite) **15:281, 15:286**

Nevada
Bobbi Dee mine, Sierra County **20:60**
Chalk Mountain mine, Churchill County (arsenian; 5 mm elongated crystals) **13:220–221p**

Hillsboro area, Sierra County **20:60n**
Petroglyph mine, Sierra County **20:59n**
Socorro Peak, Socorro County **20:61n**

New Mexico
Red Cloud mines, Lincoln County **11:71**

Pennsylvania
Phoenixville **20:383**
Southwest Chester County mine **20:383**

Zambia

Broken Hill mine (botryoidal) **11:347p**

“VANADINOCKER”

Vanadium oxide, not formally described

Namibia

Tsumeb (naturally occurring; coatings) **8:T34**

VANADIUM MINERALS

See also names of species

Review and classification of 125 species **18:333–340**

VANDENBRANDEITE

Zaire

Luiswishi copper mine, Shaba **20:(268h)**
Musonoi mine **9:33, 9:(114)**
Shaba (formerly Katanga) **20:287**
Shinkolobwe mine **20:287**

VANDENDRIESSCHEITE

Zaire

Shinkolobwe mine **9:34, 9:(114)**

VANMEERSCHEITE

United States

Maine
Dunton quarry (yellow coatings) **22:382**

VANURALITE

See also Metavanuralite

Vs. meta-vanuralite **2:129q**

Gabon

Franceville **8:(390)**
Mounana (crystals to 3 mm) **6:239d, 6:242, 6:246p**

VARISCITE

Australia

New South Wales
Kintore opencut, Broken Hill (strengite-variscite) **19:433q**

Queensland
Mt. Oxide mine **19:486**

South Australia
Iron Monarch quarry, Iron Knob (red crystal groups, uncertain id) **12:106, 12:107p**

Brazil

Minas Gerais
Hapecerica (near) (green microcrystals) **24:49n**
Sapucaia area **2:(12)**

Spain

Between Palazuelos de las Cuevas and Bercianos de Aliste, Zamora **25:222n**

Sweden

Leveäniemi iron mine, Norrbotten **20:346**

United States

Alabama
Indian Mountain, Cherokee County **20:358**
Rock Run Station **20:361**

Arizona
Cole shaft, Bisbee district (15 kg masses) **12:315**

Arkansas
County Pit, Mauldin Mountain, Montgomery County (euhedral single crystals) **16:293–295p**

California
Stewart mine, San Diego County (red) **19:331**

GENERAL INDEX

- Georgia
 Indian Mountain, Polk County: **20:358**; see also Variscite—United States—Alabama—Indian Mountain
- North Carolina
 Winston-Salem, Forsyth County: **2:284**; green banded, apparently formed from industrial water pollution **2:231p**
- Utah
 Little Green Monster variscite mine, Utah County (massive, in nodules) **7:269–270**
- Virginia
 Willis Mountain mine, Buckingham County **23:(428)**
-
- VASHEGYITE**
- Brazil**
 Minas Gerais
 Enio pegmatite, near Galiléia (uncertain id) **12:72**
- United States**
 Nevada
 Manhattan (near), Nye County (“trainite” id as mixture containing) **16:55h**
-
- VASILITE**
- Bulgaria**
 Novoseltsi **23:433n**
-
- VATERITE**
- Canada**
 Québec
 Mt. St-Hilaire **23:429**
-
- VAUQUELINITE**
- Australia**
 New South Wales
 Kintore opencut, Broken Hill (vauquelinite-formacite) **19:433, 19:434p**
- Tasmania
 Adelaide mine **19:(384)**
- Scotland**
 Strathclyde/Dumfries and Galloway
 Leadhills-Wanlockhead district **12:(250)**
- United States**
 Arizona
 Tonopah-Belmont mine, Maricopa County **19:143**
- Nevada
 Killie mine, Elko County **18:418–419**
-
- VAUXITE**
- Bolivia**
 Llallagua **5:37h**
- Miraflores mine, Hunauni (dark blue aggregates) **13:41–42p**
- Siglo XX mine, Llallagua **13:41n**
-
- VÄYRYNENITE**
- In pegmatite environments **4:124**
- Finland**
 Viitaniemi, near Eräjärvi **4:124, 9:(113)**
-
- VEATCHITE-A**
- Turkey**
 Killik and Hisarcik mines, Emet colemanite deposit (announced) **10:301h,q,c**
-
- VEENITE**
- Canada**
 Ontario
 Madoc (near) **13:94, 13:95p,q**
 Taylor farm, near Madoc **13:(80)**
-
- VEGASITE**
- United States**
 Nevada
 Rosella prospect, near Boss mine, Clark County (poss. plumbojarosite) **16:55h**
-
- VELIKITE**
- Locality not specified (announced) **9:116h**
- United States**
 Arizona
 Campbell shaft, Bisbee **24:435n**
-
- VENEZUELA**
- El Dorado, Gran Sabana **24:223s**
 Santa Elena area gold placers **18:89m, 19:271s, 21:501s**
-
- VERMONT**
- Adopts “official gem” (grossular), “official mineral” (talc), “official rocks” (marble, slate, granite) **23:455**
- Bibliography of locality literature **18:226**
 Bibliography of mineralogy literature **10:27**
 Carleton talc quarry, near Chester **10:51–52s**
 Chester, Windsor County **4:141s**
 Eden Mills, Lamoille County **25:214s**
 Manchester (near), Bennington County **21:484–485s**
-
- VERSILIAITE**
- Italy**
 Tuscany
 Buca della Vena mine **17:266–267**
-
- VERTUMNITE**
- Italy**
 Lazio
 Campomorto, Viterbo (announced; micro prismatic) **9:40h,q**
-
- VESIGNIEITE**
- England**
 Leicestershire
 Bardon quarry, Coalville: **19:337n**; platy **24:392s**
- United States**
 Nevada
 Newmont mine, Eureka or Elko counties (2 mm euhedral) **22:383**
- Zaire**
 Mashamba West mine: **19:338n**; 2 mm crystals **22:20**
-
- VESUVIANITE**
- History and comprehensive survey; over 200 localities **4:164–174h,q,c,p**
- Austria**
 Brandrücken (near), Carinthia/Styria **17:(110)**
 Totenkopf, Salzburg **17:(107)**
- Brazil**
 São Paulo
 Jacupiranga mine (thin radial crystals) **15:269**
- Canada**
 British Columbia
 Ice River complex (cleavages to 8 cm) **12:224**
- Ontario
 Pinchin quarry, near Malone: **9:93p**; 10 cm crystals **13:81p,c**
 York River tactite zone near Bancroft **13:81n, 13:227n**
- Québec
 B.C. and Beaver mines, Thetford **21:(393)**
 Jeffrey mine: **10:76c, 10:79q, 10:80d, 21:236, 21:393, 22:386**; green to 18 cm, some purple **22:216s**; some purple **9:247, 9:248p, 9:249, 15:166p**
 Mt. St-Hilaire: **13:(244), 19:326n, 19:328p**; prismatic to 4 cm, tabular, acicular **21:344–345p**
 Poudrette quarry **18:(363)**
-
- England**
 Devon
 Meldon quarry (clear crystals) **21:492n**
-
- Italy**
- Liguria
 Val Gave (doubly terminated crystals to 4 cm) **10:86**
- Piemonte
 Condove, Val di Susa **10:86n**
- Valle d’Aosta
 Bellecombe: **15:117n**; brown **23:434n**
 Montjovet **10:86, 10:87p**
 St. Vincent **10:86**
-
- Mexico**
- Veracruz
 Locality not disclosed: **24:51n**; euhedral stubby to 3 cm **23:500p**
-
- Norway**
 Arendal, Aust Agder **15:144c**
- Russia (formerly USSR)**
 Acharand (Achtaragda) River **18:159n**
 Chemyshevsk, Yakutsk **22:459**
 Vilui (Wilui) River district (“wiluite”) **18:432n**
-
- South Africa**
- Cape Province
 N’Chwaning II mine (3 mm euhedral) **22:294**
 Wessels mine (purple magnesian to 8 mm; 1 mm red) **22:294**
-
- Taiwan**
 Feng Tien mine (micro) **10:41p, 10:42**
-
- United States**
- Arizona
 Sacramento Hill area, Bisbee district **12:315n**
- California
 Darwin district, Inyo County **15:17n**
 Jensen quarry, Riverside County **15:289n**
- Colorado
 Italian Mountain area, Gunnison County (prismatic; some fibrous) **15:85c,p,d**
- Maine
 Sanford deposit, York County (green prismatic to 7 cm) **24:363p, 24:364**
- New Mexico
 Iron Mountain, Sierra County (“idocrase”) **20:60n**
-
- VESZELYITE**
- Scotland**
 Dumfries and Galloway (formerly Lanarkshire)
 Wanlockhead (5 mm crystals) **25:46**
-
- United States**
- Montana
 Black Pine mine, Granite County: **11:192; 17:(342), 19:114–115n**; crystals to 5 cm **23:481p, 23:482–483**; 3 cm crystal **15:166p**
 Philipsburg, Granite County: 2 mm crystal **14:51p**; 2.5 cm crystals **12:183**
- Zambia**
 Broken Hill **12:(394)**
-
- “VICANITE-(Ce)”
- Species status uncertain*
-
- Italy**
- Lazio
 Vetarella, Vico (crystals to 1 mm) **23:434n**
-
- VIDEO MINERALS**
- Video mail order catalog introduced **18:115–116**
-
- VIITANIEMIITE**
-
- Pakistan**
 Dassu, Gilgit Division (crystals over 1 cm) **23:431p, 23:436n**
-
- VILLAMANINITE**
-
- Spain**
 Carmenes district, León **9:(113)**

VILLIAUMITE

Canada

Québec

Mt. St-Hilaire: **10**:103, **19**:325–326n,p, **20**:236; massive, crystals to 10 mm **21**:344–345p,d
Poudrette quarry **18**:(363), **20**:393, **24**:314n

Greenland

Ilímaussaq (1 cm crude crystals) **22**:48n

Kvaneffjeld drift (minute crystals) **24**:G25p, **24**:G27–28p,d

Guinea

Kassa, Îles de Los **9**:114s

Rouma, Îles de Los **9**:113s

Russia (formerly USSR)

Lovozero, Kola Peninsula **23**:280

United States

New Mexico

Point of Rocks quarry, Colfax County (crystals to 1 cm) **15**:155p

VINOGRADOVITE

Canada

Québec

Mt. St-Hilaire (bladed, acicular to 3 mm) **21**:345

United States

Colorado, Wyoming, Utah

Green River formation **8**:368–371

VIOLARITE

Vs. polydymite **2**:53–56q

Australia

Western Australia

Agnew **9**:(113)

Canada

Québec

Marbridge #2 mine, Malartic district (massive cleaveable) **7**:176q

United States

Illinois

Hamilton/Warsaw area, Hancock County (id as polydymite) **2**:53–55p,q

Pennsylvania

Gap mine, Lancaster County (massive inclusions) **5**:209–210p,q,h

Three localities **2**:53

VIRGINIA

Amethyst localities **21**:213s

Amherst, Amherst County **18**:431s

Amherst County **21**:208

Bedford County **9**:113s

Bibliography of locality literature **18**:226

Bibliography of mineralogy literature **10**:27

Bibliography of Virginia Geology and Mineral Resources—1960–1969 **11**:51b

Campbell County **19**:333

Centreville, Fairfax County **17**:147s

Chantilly quarry, near Arcola, Loudoun County **8**:60

Fairfax quarry, Centreville, Fairfax County **3**:173–179h,g,p, **9**:98s

Gore, Frederick County **2**:223–224

Herbb #2 mine, near Flat Rock, Powhatan County **14**:390h,s

Kelly Bank mine, near Vesuvius, Rockbridge or Augusta County **10**:49s

Long Shop (near), Montgomery County **2**:130–132s

Luck Co. quarry, Leesburg plant, Loudoun County **15**:169s

Luck quarry, east of Charlottesville, Albermarle County **11**:15s

Lynch Station, Campbell County **18**:433s, **25**:377s
Minerals of the Washington, D.C. Area **13**:175b
Minerals of Virginia **7**:315b

Morefield mine, near Amelia, Amelia County **23**:428s

Nelson County **21**:208

Rocks and Minerals of Virginia (specimen set) **13**:175

Rutherford mine, near Amelia, Amelia County **23**:428s

Saltville (near), Smyth County **21**:485s

Virginia Glass Sand Corp. quarry, Gore, Frederick County **2**:223–224

Willis Mountain kyanite mine, Buckingham County **23**:428s

VISEITE

United States

California

Champion mine, Mono County (earthy) **8**:482n

VITUSITE-(Ce)

Canada

Québec

Mt. St-Hilaire: **18**:364n; micro crystals **23**:429n; prismatic to 4 mm **21**:344p, **21**:345–346p,d

VIVIANITE

In pegmatite environments **4**:123

Australia

Tasmania

Mt. Cleveland mine **19**:388

Bolivia

Huanuni **18**:245, **18**:365n

Ichucollo mine, Monserrat district (crystals to 20 cm) **6**:136

Morococala mine, Dalence province: crystals to 3 in **14**:388–389p; 10.7 cm prismatic **25**:382

Morococala, Oruro Dept. (clear green tabular to 15 cm) **23**:274p, **23**:276, **24**:237

Oruro Dept. (various localities) **6**:136

Santa Fe mine, Oruro Dept.: cabinet-size crystals **15**:45n; locality corrected to Morococala mine **15**:249

Brazil

Minas Gerais

Córrego do Urucum pegmatite **17**:313

Énio pegmatite, near Galiléia (crystals to several centimeters) **12**:70, **12**:71p

Galiléia (near): crystals to 1 cm **9**:41; 11 cm gemmy crystal **9**:316

Lavra da Ilha, near Taquaral (powdery patches) **4**:211

Linópolis (near) **20**:(394)

Telfrío mine, near Linópolis **14**:(234)

Canada

Yukon

Rapid Creek and Big Fish River areas (crystals to 5 cm) **23**:Y31–32p,d,c,q

England

Cornwall

Botallack district **24**:(282)

Derby

Derbyshire orefield **14**:(23)

Italy

Tuscany

Buca della Vena mine **17**:267n

Santa Barbara area mines, Upper Valdarno (as fossil leaves; nodules; crystals to 20 cm) **25**:297p, **25**:298

Serbia (formerly Yugoslavia)

Stari Trg mine, Trepča: **19**:124n; deep green to 7 cm **4**:60p

Trepča: crystals to 10 cm **9**:369; gemmy green **18**:242p, **18**:245n

Spain

Brunita mine, Murcia (micro crystals) **25**:222n

Ukraine (formerly USSR)

Crimea **20**:74n, **20**:(398), **20**:485n

Kerch, Crimea: **17**:341n; in fossil bivalves **23**:269, **23**:271p

United States

Arkansas

Magnet Cove (micro) **10**:298

California

Darwin mines, Inyo County **15**:17n

Walnut Creek, Contra Costa County **20**:337–338c,p

Colorado

Ibex mine, Leadville district (5 cm crystals) **7**:288

Leadville district **16**:197

Little Jonny/Ibex mine, Leadville district (8 cm crystals) **16**:190

Florida

Clear Springs mine, Polk County (3 cm euhedral) **13**:40–41

Four localities **4**:120

Georgia

Highway 27 north of Lumpkin, Stewart County **10**:48s

Indiana

Bethel Church fossil dig, Pike County (rosettes of 1–2 mm crystals) **15**:356p

Maine

Bell Pit (micro prismatic) **1**:114

Dunton mine (crystals to 1 cm) **6**:202

Michigan

Cheney quarry, Eaton County **19**:332n

Nevada

Fortitude mine, near Battle Mountain **18**:360n, **21**:284n

New Hampshire

Palermo mine (chunks) **5**:278

New Jersey

Locality not specified **15**:144c

Mullica Hill, Gloucester County (crystalline; some altered to “kertschenite”) **11**:307–308

North Carolina

Ideal Cement Co. quarry, New Hanover County (white, blue earthy nodules; compact radiating crystalline) **5**:111–113p,q

South Dakota

Tip Top mine **17**:249c, **17**:251

VLADIMIRITE

Morocco

Bou Azzer **9**:73

United States

Michigan

Mohawk mine, Keweenaw County **23**:M68n

USSR (former)

Jouva

Kouvouaksi **19**:(256)

VLASOVITE

Canada

Québec

Kipawa complex, Timiskaming County **19**:334n, **21**:(486)

VOLBORTHITE

Canada

British Columbia

Menzies Bay, Vancouver Island **15**:89

Prospects near Gowland Harbor, Quadra Island **15**:89

Chile

Mina la Verde, Copiapó district **9**:134s

Italy

Tuscany

Calagio quarry **18**:287

Val Pulita **18**:287

GENERAL INDEX

VOLCANIC MINERAL DEPOSITS

See also Zeolite Deposits

Ash Creek, AZ, with survey of similar occurrences **23:487–492**

Garnet Hill, NV (almandine-spessartine) **18:195–198**

Laacher See district, Germany **8:313–326**

Microminerals of the western volcanics: **16:137–145**; errata **16:501**

Moon **1:16–22**

Point of Rocks, NM **15:149–156**

Steamboat Springs, NV **16:25–31**

Thomas Range and Wah Wah Mountains, UT **10:261–278**

Volcanological display, Lyman House museum, HI **12:90**

VOLKONSKOITE

United States

Arizona

Campbell shaft, Bisbee (masses) **24:435n**

VOLTAITE

Australia

Queensland

Mt. Isa mine **19:484p**

Chile

Chuquicamata **9:328**

Greece

Plaka mine, Laurium **25:280**

United States

Arizona

Campbell shaft, Bisbee district (octahedrons to 1 cm) **12:315**

Cole shaft, Bisbee district (spongy aggregates) **12:315**

California

Geysers, The, Sonoma County (crystalline crusts) **24:351**

Iron Mountain mine, Shasta County (post-mining) **22:382n**

Utah

Dexter No. 7 mine, Emery County **19:(117), 19:333n**

VOLYNSKITE

United States

Arizona

Campbell shaft, Bisbee **24:435n**

VRBAITE

Macedonia (formerly Yugoslavia)

Allchar: **9:(113)**; tabular to 3 mm **24:445–446h,d,q**

VUAGNATITE

World occurrences **8:498h**

United States

California

Mendocino County **8:497–501h,d,q,p,c**

Red Mountain, Mendocino County (prismatic to 3 mm) **8:498–500p,q,c**

Russian River, Mendocino County (micro equant) **8:497–499q,c**

VUONNEMITE

Canada

Québec

Mt. St-Hilaire (tabular to 2 cm) **21:346d**

Poudrette quarry **18:(363)**

Greenland

Kvanefjeld drift, Ilímaussaq complex **24:G27n**

VYUNTSAPKHITE-(Y)

Canada

Québec

Evans Lou pegmatite **18:365n**