

LABELS AND LABELING

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“LABRADORITE”

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Source of interference colors **3:18–22q**

Finland

Ylammaa (near) **24:389**

United States

Arizona

Bisbee district **12:307**

Shattuck (near), Wade Hampton, and Wolverine mines, Bisbee district **12:307**

Colorado

Italian Mountain area, Gunnison County **15:86n**

LABUNTSOVITE

Canada

Québec

Mt. St-Hilaire: **10:105, 10:107p, 13:242p**; epitaxial on elpidite **10:98p**; prisms to 10 mm **21:316p,d**

Poudrette quarry (elpidite oriented on) **25:209p, 25:210**

United States

Arkansas

Diamond Joe mine, Pulaski County **16:(151)**

Colorado, Wyoming, Utah

Green River formation **8:368–371**

LACROIXITE

- In pegmatite environments **4:125**
 New data, 3 world occurrences **2:235q**
 Three world occurrences **4:120, 4:125**

LAFITTITE

Chile

Iquique **16:(160)**

United States

Nevada

Getchell mine, Humboldt County (grains, micro crystals) **16:20**

LAMMERITE

Namibia

Tsumeb **13:141–142p,c,d**

LAMPROPHYLLITE

Canada

Québec

Mt. St-Hilaire (fibrous, bladed, prismatic to 1.2 cm) **21:316**

Greenland

Gardiner complex: **16:492n**; crystalline aggregates **24:G56n**

LANARKITE

England

Cumbria

Upper Roughton Gill mine, Caldbeck Fells (to 3 mm) **22:390n**

Scotland

Strathclyde

Susanna mine, Leadhills (crystals to 5 cm) **12:242, 12:247p,d**

United States

Arizona

C & B mine, Gila County (prismatic; altering to cerussite) **11:216p**

“LANCASTERITE”

Mixture of brucite and hydromagnesite

United States

Pennsylvania

Wood’s mine, Lancaster County **2:39–40h**

LANDESITE

Brazil

Minas Gerais

Zé Berto mine, near Linópolis (coatings, micro crystals) **14:236**

United States

Maine

Emmons quarry, Oxford County (2 mm bipyramidal) **22:382**

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LANGBANITE

Sweden

Långban **10:216**

LANGITE

Canada

British Columbia

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

Québec

Mt. St-Hilaire (efflorescences) **23:429n**

England

Cornwall

Botallack district **24:281n**

Fowey Consols mine, John’s Lodge **13:(170q)**

Shropshire

Ladywell mine, Shelve (some pseudo-hexagonal twins) **13:167, 13:169p**

Germany

Rheinland-Pfalz

Ems district **15:(342)**

Namibia

Tsumeb (crystals) **8:T27n**

United States

Arizona

Bisbee district **12:307**

Grandview mine, Coconino County (silky crusts) **2:218, 2:221q**

Massachusetts

Loudville mine, Hampshire County: **6:297n**; micro **13:46**

Michigan

Clark mine, Keweenaw County **23:M66n**

Nevada

Majuba Hill mine (coatings) **24:174p**

Washington

Monte Cristo, Snohomish County **13:46n**

Wales

Dyfed

Nantycygel (Eaglebrook) mine **13:168n**

LANTHANITE-(Ce), -(La), -(Nd)

Greenland

Qaqarsuk complex (detected by x-ray) **24:G48n**

United States

Maryland

Medford quarry, Carroll County (micro laths) **6:299**

LARSENITE

Namibia

Tsumeb **13:142p**

United States

New Jersey

Franklin mine (micro laths) **22:276–277p**

“LAUBMANNITE”

Mixture of dufrenite, kidwellite, and beraunite

Relationship to other phosphates **4:114**

United States

Alabama

Indian Mountain, Cherokee County: green spheres to 1 cm **5:243p**; id as mixture of dufrenite and kidwellite **9:389**

LAUEITE

In pegmatite environments **4:116**

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Brazil

Minas Gerais

Conselheiro Pena **24:385n**

Énio pegmatite, near Galiléia (micro crystals) **12:71–72**

Germany

Bavaria

Hagendorf-Süd (id as ushkovite) **16:463–464q**

Namibia

Sandamab (id as ushkovite) **16:463–464q**

United States

Maine

Newry area (some “stewartite” id as) **6:201p**

New Hampshire

Palermo mine: **5:278n**; id as ushkovite **16:463–464q**

South Dakota

Tip Top mine **17:243c, 17:244p**

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Australia

New South Wales

Prospect quarry (prehnite after euhedral) **25:190, 25:191p**

Canada

British Columbia

Yellow Lake area, near Olalla **15:(93)**

Nova Scotia

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 New Jersey
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 Arizona
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Australia
 South Australia
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 California
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- “LESSINGITE”
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- LETOVICITE
- United States**
California
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- LEUCITE
- Brazil**
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- Germany**
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- LEUCOPHANITE
- Canada**
Québec
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- South Africa**
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Western Australia
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- South Dakota
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- Utah
Green River formation (euhedral non-igneous) **8:368–371p**
- LEUCOSPHEINITE
- Canada**
Québec
Mt. St-Hilaire: **10:105, 13:242p**; crystals to 25 mm **21:319d, 21:320p**
- Greenland**
Narsarsuk pegmatite (crystals to 5 mm) **24:G45h,d,c**
- United States**
Arizona
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- “LEUCOXENE”
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- Australia**
Western Australia
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GENERAL INDEX

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Australia

- Victoria
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Denmark

- Færoe Islands (unspecified localities) **12**:(18)
Nesvik, Færoe Islands (3 cm penetration twin) **12**:18p,d

Iceland

- Five localities (thin tabular twinned) **12**:18p

Ireland

- Parkgate quarry, County Antrim (micro; often coated with erionite) **10**:174, **10**:175p

United States

- Idaho
Lucky Peak Dam site **23**:(424)
Oregon
Beech Creek, Grant County (offretite on) **6**:171–173p
Mt. Vernon, Grant County **16**:149p

“LEWISTONITE”

See Carbonate-fluorapatite

LIANDRATITE

Madagascar

- Antsakoa I pegmatite, near Berere (announced) **10**:52h,q

LIBETHENITE

Australia

- New South Wales
West Bogan mine, near Tottenham **12**:110n
South Australia
Burra Burra mine: **15**:106–107p; azurite, chrysocolla, malachite after **15**:107p; azurite, pseudomalachite after some **12**:107; pseudo-octahedral to 8 mm, pseudomorphs after **25**:127–128c
Western Australia
Ashburton Downs (minute pseudo-octahedral) **24**:208p, **24**:213

Chile

- Chuquicamata **9**:330d,c
Mercedes mine, Coquimba (5 mm crystals) **23**:433n

Portugal

- Estremoz, Alto Alentejo (micro) **22**:225

United States

- Arizona
Ray mine (micro crystals) **14**:320
Silver Bell mine, Pima County **11**:261n, **11**:262p
Silver Hill mine, Pima County **11**:(261)
Nevada
Snowstorm mine, Lander County (micro; some litidionite after) **21**:484n
New Mexico
Mex-Tex mine, Socorro County **23**:(425)

Zambia

- Broken Hill: **12**:(394); zincian **11**:346–347h
Rokana mine (equant crystals to 3 cm; bladed groups) **9**:341–346p,d,c

LIBYA

- Marada area **14**:388s
Sebha (near) **18**:159s

LIDDICOATITE

See also Tourmaline Group

Madagascar

- Anjanabonoina mine **16**:(349d), **20**:197–200d,h,c,p, **23**:85, **24**:50p
Antsirabe (announced) **9**:115h,q,p
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LIKASITE

United States

- Colorado
Pitkin County (tentative id) **13**:233–234

LILLIANITE

United States

- Colorado
Lilian mine, Leadville district **16**:180h
Sultan mine, San Juan County **10**:358n, **16**:(180)

LIME

United States

- Arizona
Campbell shaft, Bisbee district (post-fire) **12**:307

“LIMONITE”

Mixture of hydrous iron oxides, primarily goethite

Australia

- South Australia
Burra Burra mine (after pyrite, azurite, malachite) **15**:220–221

United States

- Arizona
79 mine (“fluffy limonite” gossan) **3**:250
California
Custer mine, Inyo County (after pyrite) **15**:15p,n
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Nevada
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LINARITE

Australia

- New South Wales
Broken Hill **7**:31
Western Australia
Ashburton Downs (minute crystals) **24**:213p

Bolivia

- El Dragón mine, Potosí (micro laths) **21**:143

Canada

- British Columbia
Beaver Group, Kaslo-New Denver area (crystals to 12 mm) **2**:209
Betty group, Betty Glacier, north of Divide Lake **15**:(91)

England

- Derby
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Snelston **14**:(23)

- Shropshire
Ladywell mine, Shelve **13**:167

- Stafford
Bag mine, Ecton Hill **14**:22–23p

Germany

- Rheinland-Pfalz
Ems district **15**:342n
Siegerland
Viktoria mine, Littfeld (1 mm crystal) **8**:307p

Greece

- Kamaréza mine, Laurium (blades) **25**:279

Japan

- Kisamori mine, Akita (crystals to 2 cm) **6**:210c

Namibia

- Tsumeb (micro crystals) **8**:T27, **8**:T84p

New Zealand

- Tui mine **6**:30n

Scotland

- Strathclyde
Leadhills **12**:247d
Susanna mine, Leadhills **12**:247d, **12**:248p
Strathclyde/Dumfries and Galloway

- Leadhills-Wanlockhead district **12**:242, **12**:246p,d

Spain

- Horcajo mines, Ciudad Real (micro crystals) **25**:25
Sierra de Prades, Tarragona **25**:(222)

United States

- Arizona
Cole shaft, Bisbee district (5 mm spots resembling azurite) **12**:307
Grand Reef mine, Graham County (crystals to 5 cm) **11**:221p, **11**:222
Mammoth mine, Pinal County (crystals to 8 cm) **11**:166p, **11**:174–175d
Rowley mine, Maricopa County (crystalline masses) **5**:18

California

- Blue Bell mine, San Bernardino County (crystals to 3 cm) **8**:494p, **8**:496
Defiance mine, Inyo County **15**:15n
Essex mine, Inyo County **15**:15p,n

Colorado

- Humbolt mine, Boulder County **11**:(36)
Six localities (coatings, minute crystals) **11**:38

Idaho

- Bunker Hill mine (minute euhedral) **12**:345

Massachusetts

- Loudville mine, Hampshire County: **6**:297n; micro **13**:46p

New Mexico

- Blanchard mines: crystals to 2.5 cm **20**:42, **20**:43p; prismatic to 2.5 cm **11**:190p, **11**:192
Stephenson-Bennett mine, Dona Ana County **4**:33n

Wales

- Dyfed
Nantycagel (Eaglebrook) mine (2 mm blades) **13**:168, **13**:169p
Powys
Old Workings, Dylife mine (micro) **21**:492n

LINDGRENITE

Chile

- Chuquicamata mine, Antofagasto **9**:329p, **9**:330d,c, **15**:356

LINDSTRÖMITE

Canada

- Ontario
Silver Miller mine, Cobalt **9**:(114)

United States

- Nevada
Outlaw mine, Nye County **22**:178n

LINNAEITE

- Vs. siegenite **4**:137

Bolivia

- Lequepalca district, Oruro Dept. **6**:132

Canada

- Northwest Territories
Nanisivik mine (uncertain linnaeite-group mineral) **21**:533–534q,p

Germany

- Rheinland-Pfalz
Friedrichslegen mine **15**:(342)
Siegerland
Müsen **19**:(121)

Namibia

- Tsumeb (grains) **8**:T27n

United States

- Pennsylvania
Phoenixville **23**:417n

LINTISITE

Canada

- Québec
Poudrette quarry (UK #74 id as) **22**:386n

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LIOTTITE

Italy

Latera caldera, Pitigliano, Tuscany (announced; crystals to 1 cm) **9:254h,c,q**

LIPSCOMBITE

United States

Alabama
Williams pegmatites, Coosa County (massive) **6:69–72**

LISETITE

Norway

Liset, Selde **22:(391)**

LISKEARDITE

England

Cornwall
Locality not specified **8:(391)**
Saint Hilary **9:(114)**

LITHARGE

Greece

Megala Pifka and Soureza, Laurium (crusts) **25:279**

Sweden

Långban: **8:(517)**; poss. post-mining **10:215**

United States

Arizona
Cole shaft, Bisbee district (unconfirmed) **12:(315)**

LITHIOPHILITE

In pegmatite environments **4:108–109**
Numerous world occurrences **4:108–109, 4:117**

United States

Maine
Bennett quarry (massive) **25:183**
Havey quarry, Androscoggin County **16:375**
Newry area **6:201**
Pulsifer quarry, Androscoggin County **16:(375)**
New Mexico
Harding mine (masses to 5 cm) **8:124**
North Carolina
Foote mine (micro crystals, twins) **8:95–97c,q,d,p**

LITHIOPHORITE

South Africa

Cape Province
Kalahari manganese field **9:151**

United States

California
Sausalito (south of), Marin County (botryoidal) **2:166–168q**

LITHIOPHOSPHATE

Canada

Manitoba
Bernic Lake **4:(120)**

Russia (formerly USSR)

Kola Peninsula (locality not specified) (massive) **4:126**

United States

North Carolina
Foote mine: **1:(92)**; crystals to 2.5 cm **4:126**
South Dakota
Tip Top mine **17:243**

LITIDIONITE

United States

Nevada
Pyro pit, Lander County (after libethenite) **21:484n**

LIUJINYINITE

Poss. identical with uyttenbogaardite **13:392q, 13:393h**
Three Chinese localities listed **13:393n**

LIZARDITE

Canada

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Marbridge #1 mine, Malartic district **7:177–178**
Mt. St-Hilaire (lizardite-1M; 1 mm crystals) **21:319**

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Colorado **10:323–328**

LOELLINGITE

See Löllingite

LOKKAITE-(Y)

Canada

Québec
Evans-Lou pegmatite **3:72, 3:73p**

LÖLLINGITE

Brazil

Minas Gerais
Énio pegmatite, near Galiléia (dendritic) **12:69n**
Jove Lauriano mine, near Linópolis (grains) **14:235**
São Paulo
Furnas mine (micro crystals) **6:285**

Canada

Québec
Mt. St-Hilaire (minute grains; plates to 15 mm) **21:319**

United States

Maine
Mt. Mica (massive) **16:372n**
New Jersey
Sterling Hill mine (in genesis of arsenate species) **13:35–38**
New Mexico
Harding mine (masses to 2 cm) **8:124**

LOMONOSOVITE

Greenland

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

LOPARITE-(Ce)

Canada

Québec
Poudrette quarry (1.5 mm crystals) **22:386n**

Russia (formerly USSR)

Khibiny Massif, Kola Peninsula: **23:430p**; penetrating twins **23:280**
Mt. Karnasurt, Kola Peninsula **23:(433)**

LOPEZITE

Toxicity **11:6**

LORANDITE

Macedonia (formerly Yugoslavia)

Allchar: **8:(390)**; crystals to 5 cm **24:441–442p,c**; sought for LOREX solar neutrino study **24:437**

LORENZENITE

Canada

Québec
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Norway

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Russia (formerly USSR)

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United States

New Mexico
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LOTHARMEYERITE

Mexico

Durango
Ojuela mine: **15:223–225p,c,q**; newly described **14:35–36p,q,c,h**

LOUGHLINITE

United States

Colorado, Wyoming, Utah
Green River formation **8:368–371**

LOUISIANA

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Toledo Bend Reservoir (near), Sabine Parish **21:483s**

LOVOZEROITE

Canada

Québec
Mt. St-Hilaire (crystals, twins to 3 mm; some terskite after) **21:319–320p**

LUDLAMITE

In pegmatite environments **4:122–123**
Numerous world localities **4:120**

Bolivia

Morococala mine, Dalence province (2.5 cm euhedral) **25:382**

Brazil

Minas Gerais
Énio pegmatite, near Galiléia (crystals to 1 cm) **12:70–71p**
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Canada

Yukon
Rapid Creek area (cleavages; euhedral to 1 cm) **23:Y27–29p,d,c,q**

England

Cornwall
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Mexico

Chihuahua
San Antonio mine, Santa Eulalia district: crystals to 9 cm **14:170–171p**; sprays to 5 cm **23:276**

Spain

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United States

Maine
Bell pit, Oxford County **6:202n**
New Hampshire
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LUDLOCKITE

Namibia

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LUDWIGITE

Canada

Ontario
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United States

California
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Canada

Québec

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Zaire

Lueshe mine **8**:(517)

LUETHEITE

Australia

Western Australia

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Arizona

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Nevada

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LUSUNGITE

Australia

Western Australia

Coppin Pool **23**:(432)

LUZONITE

Chile

Chuquicamata (poss. famatinitite) **9**:(323)

Namibia

Tsumeb (massive) **8**:T27n

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United States

Arizona

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“LYNDOCHITE”

See Aeschyrite; Euxenite