O'DANIELITE

Namibia

Tsumeb 13:139p, 13:142c

OFFRETITE

Vs. erionite 2:52ff,q

Australia

New South Wales

Willy Wally Gully 19:402-403p

Victoria

Flinders area sea cliffs (levyne-offretite) 12:(108)

Red Cliff Head, Phillip Island (on levyne) 19:455

Sunderland Bluff, Phillip Island (on levyne) 19:457q

Canada

British Columbia

Monte Creek, Kamloops district 19:333n

Ireland

Parkgate quarry, County Antrim (poss. erionite) **10:**174, **10:**175p

Scotland

Strathclyde

Loanhead quarry, Beith (resembles shredded coconut) 24:392n

United States

Colorado

Table Mountain, Jefferson County 19:164q, **19:**172–173p

Beech Creek, Grant County (on levyne) **6:**171–173p

OGDENSBURGITE

United States

New Jersey

Sterling Hill mine (newly described) 12:369-370h,q

OHIO

Bibliography of locality literature 18:222 Bibliography of mineralogy literature 10:24

Clay Center, Ottawa County 8:60, 23:425h,s

Duff quarry, near Huntsville, Logan County 11:97-99s, **18:**391–398g

Huntsville, Logan County 10:42s

Huron River (2 localities), Erie County 20:459s, 20:463s

Lime City, Wood County: 18:361s; see also Ohio-Maumee Stone Co.

Maumee Stone Co. quarry, Lime City, Wood County: 6:38s; see also Ohio—Lime City

Nagley strip mine, Nagley (Negley, Columbiana County?) 10:297

Portage (quarry near), Wood County 18:147s Pugh quarry, Custar (closed to collecting) 11:54h

Ross County 18:361s Sandusky County (locality not specified) 22:384s Suever Stone Co. quarry, Delphos, Van Wert

County 18:361s White Rock quarry, Clay Center, Ottawa County 22:216s

OJUELAITE

Namibia

Tsumeb 13:144p

OKANOGANITE-(Y)

United States

Washington

Washington Pass (twins to 2 mm) 23:428

OKENITE

Canada

Québec

Jeffrey mine 10:76, 10:80p

India

Bombay: puffballs to 4 cm 4:233-234p; puffballs to 7.5 cm 7:253-254p

United States

Arizona

Horseshoe Dam area, Maricopa County (coating) 14:116

Virginia

Fairfax quarry, Fairfax County (micro spheres) 3:178-179p

Washington

Skookumchuck Dam, Thurston County (compact spheres to 1.5 cm) 3:33

Wvoming

Yellowstone National Park (micro) 12:35-36q

OKLAHOMA

Arbuckle Mountains 25:385-386s

Bibliography of locality literature 18:222-223

Bibliography of mineralogy literature 10:24 Byars deposit, east of Paoli, McClain County

17:371-372h,m

Cherokee (see Great Salt Plains National Wildlife Refuge)

Great Salt Plains National Wildlife Refuge, between Cherokee and Jet, Alfalfa County 7:158g,h Jet (see Great Salt Plains National Wildlife Ref-

McCurtain County 25:385s

Paoli (southeast of), Garvin County 17:371-374m,p,g,h

Teepee Queen Copper Co. mine, southeast of Paoli, Garvin County 17:371-372h,m

Wolf Ridge silver mine, east of Paoli, Garvin County 17:371–372h,m, 17:374s

"OLIGOCLASE"

See also Plagioclase Series

Brazil

Bahia

Ibitiara (flawless) 23:432n

Portugal

Monte Redondo quarry (1 cm crystals) 2:42n

Arizona

United States

Lowell shaft, Bisbee district (2 cm crystals) 12:309

Massachusetts

Chester emery mines 9:240-241

OLIVENITE

Australia

New South Wales

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

South Australia

Dome Rock (clinoclase, conichalcite after) 12:107

Preamimma mine 12:(107)

Spring Creek mine 12:(107)

Western Australia

Ashburton Downs (prismatic to tabular, to 1 cm) 24:214p

Bali Lo mine 12:(110)

132 North deposit, Widgiemooltha district (nickeloan; micro prismatic) 25:290

Chile

Chuquicamata 9:330d,c

Greece

Kamaréza mine, Laurium (acicular to 1 cm) 7:122n

Namibia

Tsumeb mine: adamite-olivenite series 10:113; crystals to 2.5 cm, some ferroan, zincian 8:T28-29, 8:T50, 8:T57p; olivenite-"cuproadamite," crystals to 12 mm 12:45; 1 cm crystals 15:168p

Scotland

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

South Africa

Transvaal

Stavoren 20:398

United States

Arizona

Ajo, Pima County (id as conichalcite) 11:265 Grand Reef mine, Graham County 11:223, 11:224p

Grandview mine, Coconino County (prismatic, acicular) 2:220p, 2:221q

Magma mine 14:(82)

Mammoth mine, Pinal County (id as fornacite)

New Cornelia mine, Pima County 14:291p, 14:296

79 mine 3:254

Nevada

Majuba Hill mine: euhedral blades to 12 mm 16:67-68p; fibrous, "leucochalcite" 16:67,

Utah

Gold Hill mine: 24:18p; chrysocolla after **24:**20

"OLIVINE"

Series name; see also end-members Fayalite and Forsterite

In meteorite 15:70, 16:306n

Toxicity 11:9

Burma

Locality not specified ("peridot," faceted) 19:115n Germany

Rheinland-Pfalz

Laacher See area, Eifel district (colorless, green, red) 8:323d

Greenland

Inner Fiskefjord (Niagununaq) (crystals to 6 cm) 24:G15, 24:G17p

United States

Arizona

Bisbee district 12:309

OLMSTEADITE

United States

South Dakota Big Chief mine, Pennington County 17:298-

299c.d Hesnard mine, Pennington County 17:298-299c,d

White Cap mine, Pennington County 17:299p

OLSACHERITE

El Dragón mine, Potosí (platy to 2 mm) 21:144p

OLYMPITE

Russia (formerly USSR) Kola Peninsula 24:(389)

OMPHACITE

United States

California Petaluma (near), Sonoma County 8:433n

"ONEGITE"

See Goethite

ONORATOITE

Italy Tuscany

> Cetine mine: 15:33-34p,h,c; acicular to 5 mm 8:285p,q

ONTARIO

Ackerman mine, near Deloro and Marmora, Madoc area 13:81s, 13:111s, 17:382s

Amherstburg quarry, Amherstburg **20:**391s Arnprior area **4:**184s, **13:**83s

Atikokan (several mines near) 21:485s

Bailey mine, southwest of Madoc, Hastings County 13:87–88h,m

Bancroft area **10:**153–158h,g,m, **13:**71–81g Bancroft (Highway 62 north of) **13:**110–111s Baptiste Lake (near) **21:**485s

Basin property, Hastings County (see Silver Crater mine)

Bear Lake Road, Monmouth Township **24:**223h,s Bicroft mine, near Bancroft, Cardiff Township **13:**83s, **13:**111s

Billings mine, near Brockville 13:78s

Birds Creek, near Bancroft 13:78s

Blue Mountain quarry, Methuen Township, near Bancroft, Peterborough County 13:85s

Bob's Lake, Frontenac County 2:284–285, 13:73s, 13:74s, 13:78s

Bonter quarry, near Malone (see Pinchin quarry) Bradley mine, southwest of Madoc (see Keene mine)

Brudenell, near Lake Clear (see Lake Clear) Burgess mine, near Craigmont, Renfrew County 13:85s

C.A.M. (Canadian All Metals) property, Monmouth Township, west of Tory Hill 10:154m, 10:156h

Caland pit, Atikokan **18:**244s, **24:**223s

Cameron quarry, near Carleton Place 13:74s Canada Crushed Stone quarry, Dundas 3:186g,h Canada Talc Co. mines, near Madoc 13:83s, 17:382s

Canadian Beryllium Mines and Alloys Ltd. property, near Quadeville 13:84s

Cancrinite Hill, east of Bancroft 13:85s

Card quarry, west of Verona 13:84s

Cardiff mine, Cardiff Township, southeast of Wilberforce **10:**154m, **10:**157h, **13:**72s, **13:**80s, **13:**225–226

Carey quarry, near Mackey **24**:388s Chesterville mine, Larder Lake **13**:394s Classic localities **13**:197–203

Cobalt (Cobalt Lake) area, Coleman Township

13:109–110s Coe mine, south of Madoc, Hastings County 13:88m, 13:90h

Cole quarry, near Madawaska (see J. G. Cole quarry)

Comet mine, Municipalitie Lapeche, Canton Wakefield, Comte Papineau 23:459–463h,g

Conley talc mine, near Madoc 13:83s

Coppercorp mine, Mamainse Point 13:107–108s

Craigmont area mines, Renfrew County 13:85s Craigmont Corundum mine, Raglan Township,

Renfrew County 13:78s, 13:198m, 13:202 Crystal Lake Road, south of Kinmount 13:223 Dark Lake, near Wilberforce 13:73s

Davis Hill, lot 25 Concession XIII, Dungannon Township, east of Bancroft, Hastings County 13:77s, 21:235–248h,m,g,p

Davis quarry, near York River, east of Bancroft 13:77s, 13:86s, 13:87s

Deloro mine, near Deloro, Madoc area 13:81s, 13:111s

Desmont mine, northwest of Wilberforce 13:80s, 13:225

Detomac mine, southwest of Madoc (see Kilpatrick mine)

Diamond Lake (roadcut near), near Bancroft 13:78s Diamond Willow mine, near Thunder Bay: 13:67–70m,g,p, 13:107s; cover photo 13:#2s

Dog Lake, Storrington Township, Frontenac County 13:78s

Dome mine, Porcupine **8:**517s, **13:**396s

Dundas quarry, Dundas 20:391s

Dyno (Canadian Dyno) mine, Cardiff Township, east of Tory Hill 10:154m, 10:156

Earle farm, near Wilberforce **9:93s**, **13:73s**

Egan Chute, York River, east of Bancroft, Hastings County 13:202–203p

Eganville, near Lake Clear (see Lake Clear) Eldorado mine, near Madoc 13:111s

Elizabethtown (see Billings mine)

Enterprise mine, near Enterprise 13:77s

Faraday (Madawaska) mines, near Bancroft, Hastings County 13:73–84s, 13:111s

Faraday mine, Faraday Township, southwest of Bancroft **10:**154m, **10:**157–158h

Fission (Richardson) mine, Cardiff Township, Haliburton County **10**:154m, **10**:157h, **13**:73s, **13**:198m, **13**:200–201h

Foymont, Hwy. 515 near Yukes Lake **19:**334 Franch River area **13:**85s

Gawley mine, near Deloro, Madoc area 13:81s Geco mine, near Marathon 13:107s

Gibson Road, near Tory Hill **13:**72s, **13:**73s, **13:**80s

Glen Lake mine, Cobalt 9:114s

Godfrey (cave near) 13:83s

Golding-Keene quarry, near York River, east of Bancroft 13:86

Gole (John Gole) quarry, Murchison Township, near Madawaska 10:154m, 10:155–156

Gooderham area 13:78s, 13:85s

Gowganda 13:109h

Greely 20:391

Grenville geological province **13:**71–86m,g Greyhawk mine, near Bancroft **13:**83s

Griffith (Hwy. 41 near) 13:77–78s

Gunter quarry, near McKenzie Lake **24:**388s Gutz farm, near Rosenthal **13:**85s

Harcourt (near) 21:485s

Hemlo gold deposit, Lake Superior **17:**340s Henderson talc mine, near Madoc **13:**83s

Highland Grove, Monmouth Township, Haliburton County 13:78s

Highway 7 roadcut, west of Madoc, Hastings County 13:90h

Hollinger mine, Timmins 13:393s

Huntingdon Township, Madoc 16:46s

Huronian mine 13:394s

Indusmin quarry, Methuen Township, Peterborough County 13:85s

Irondale, Snowdon Township 13:73s

J. G. Cole quarry, near Madawaska **13:**84–85s Jamieson mine, Lyndoch Township **13:**77s

Jewellville mine, near Craigmont, Renfrew County

13:85s

Kakabeka Falls area 13:107s

Kaladar (near) 13:73s

Kane mine, southwest of Madoc (see Keene mine) Keeley mine, south of Cobalt Lake, South Lorrain Township 13:109s

Keene (Kane, Bradley) mine, southwest of Madoc, Hastings County 13:88h,m

Keller farm, near Hardwood Lake 13:73s

Kemp property, near Cheddar, Cardiff Township, east of Tory Hill **10:**154m, **10:**157, **13:**80s Kerr Addison mine **13:**392s

Kilpatrick (Detomac) mine, southwest of Madoc, Hastings County 13:88–89m,h, 17:381–382s

Kuehl Lake area, Brudenell Township, Renfrew County 13:81s, 13:209–213m,h,g

Lake Clear area, Sebastopol Township, Renfrew County 13:198m, 13:201–202h, 13:209– 213m,h,g

Langis mine, Cobalt-Gowganda district **15**:38s Lee-Miller group fluorite mines, west of Madoc, Hastings County **13**:87h, **13**:88m, **13**:90–91g Leitch mine, near Lake Nipigon **13**:107s Lily Robertson pits, near Bancroft 13:85s

Lincoln quarry, Beamsville, Lincoln County 13:111–112s

Logan Cuts, near Craigmont, Renfrew County 13:85s

Long Lake (Lynx) mine, near Parham 13:82s, 13:83s

Long Lake, Olden Township, Frontenac County 13:72s

Lucy mine (Algoma Steel Co.), near Wawa 13:107s Lyndhurst (Steele) mine, Black Rapids 13:82s, 13:84s

Lynx mine (see Long Lake mine)

MacDonald feldspar mine, near Hybla, Monteagle Township, Hastings County 10:154m, 10:158g,h, 13:84–85s, 13:198–200m,h

MacLeod mine (Algoma Steel Co.), near Wawa 13:107s

Madawaska mines, near Bancroft (see Faraday mines)

Madoc area, Hastings County: fluorite mines 13:87–92h,m,g; sulfosalt occurrence 13:93–100h,g

Mamainse Point 13:107-108s

Marathon (west of) 13:107s

Marble Rock, Leeds County 13:84s

Marmoraton mines, near Marmora **13:**74s, **13:**75s, **13:**83s

Marmora Township 11:15s

McCoy beryl mine, north of Quadeville 10:155

McKay property, near Gooderham 13:86s

McLaren mine, near Otty Lake, south of Perth, Lanark County 13:73s, 24:388s

Meany mine, Sebastopol Township, Renfrew County 13:209–210h,m

Microminerals 13:107–112

Miner's Bay 13:73s, 13:83s

Moira Lake group fluorite mines, south of Madoc, Hastings County 13:87–92h,m,g

Moneta mine, Timmins 11:14s

Norland **13:**73s

Normingo property, Dungannon Township, northeast of Bancroft **10:**154m, **10:**156–157

North Burgess Township (exact locality lost), Lanark County 13:83s

Noyes mine, southeast of Madoc, Hastings County **13:**88m, **13:**89–90h, **13:**111s, **17:**139s

Ottawa area 23:428-429s

Park property, Sebastopol Township, Renfrew County 13:209–210h,m

Paymaster mine, South Porcupine 9:224s

Perry Lake mine, south of Madoc, Hastings County 13:88m, 13:89h

Perry mine, south of Madoc, Hastings County 13:88m, 13:89h

Perthite locality, near Perth, North Burgess Township, Lanark County 13:198m, 13:199s,h

Pinchin (Bonter) marble quarry, near Malone **9:**93, **13:**73s, **13:**74s, **13:**81s

Princess sodalite mine, east of Bancroft, Hastings County **13:**85–86s, **13:**198m, **13:**202–203, **13:**226–227

Quadeville beryl-lyndochite quarry, Lyndoch Township, Renfrew County 13:198m, 13:200s,h Quadeville beryl mines, Renfrew County 13:84–

Quadeville (rose quartz quarry west of) **10:**155

Renfrew, near Lake Clear (see Lake Clear)
Richardson mine, near Wilberforce, Haliburton
County (see Fission mine)

Rogers mine, south of Madoc, Hastings County 1:109s, 10:298s, 13:88m, 13:89h, 13:111s, 24:311s

Rossport (Highway 17 west of) **13:**107s

Route 41 roadcut near Spain molybdenite mine, east of Griffith **9:**93s

Saranac mine, near Tory Hill 13:85s

Sebastopol, near Lake Clear (see Lake Clear) Sharbot Lake 13:79s

Silver Crater mine (Basin property), Faraday Township, Hastings County 13:73s, 13:77s, 13:81s, 13:198m, 13:201h

Silver Crater mine, Faraday Township, west of Bancroft 10:154m, 10:155

Silver Islet, near Thunder Bay 17:49–60h,p,g,m Silver Miller mine, Cobalt 9:114s

Silver Queen mine, near Otty Lake, south of Perth, Lanark County 13:81s

Silversides mine, Cobalt 18:363s

Smart mine, Eganville, Sebastopol Township, Renfrew County 13:81s, 13:198m, 13:201-202, 13:209-213m,h,g, 19:334s

Smith-Lacey mine, near Sydenham 13:73s, 13:74s, 13:77s, 13:81s

South Baptiste Lake Road, northwest of Bancroft 13:80s, 13:226

Spain mine, near Griffith 13:77s

Special issue 13:#2

Steele mine (see Lyndhurst mine)

Steenburg Lake, south of Coe Hill 13:74s, 13:78s Steetley quarry, Dundas 10:42s, 13:111-112s, 20:463s

Strathcona mine, Onaping, near Sudbury 13:109s, 17:272s

Sudbury sulfide discovery site 7:159h, 11:387h

Taggert mine, near Crow Lake 13:73s

Tait farm, near Lamable 13:73s, 13:80s

Taylor farm, Hybla 13:72s

Taylor farm, near Madoc 13:80s

Texas Gulf, Timmins 13:393s

Texmont mine, near Timmins 25:339s

Thunder Bay area 13:67-70g,m,p, 13:107s

Timmins area mines 17:147s

Tory Hill area 13:71-81g, 21:485s

Tribag mine, Batchawana Bay 9:227s

Tribag mine, Mamainse Point 13:107-108s

Turner's Island, Lake Clear, Sebastopol Township, Renfrew County 13:78s, 13:80s, 13:201-202, **13:**209–213h,m,p

Vermilion mine, west of Sudbury 9:113s, 13:108-109h,s, 13:159-160s

Verona (east of), Frontenac County 13:81s

Virginia mine, Monmouth Township, Haliburton County 13:76s

Wallbridge mine, north of Madoc 15:215s

Wilberforce area 13:111s, 17:339s, 21:485s

Woods mine, Porcupine 13:396s

York River skarn, near Bancroft 25:214s

York River tactite zone, east of Bancroft 13:74s, 13:75s, 13:227-228

Zenith mine, south of Renfrew 13:77s

OOSTERBOSCHITE

Zaire

Musonoi mine 20:276

Microstructure of, source of color in, and formation of precious opal 2:261-268

Australia

New South Wales

Kintore opencut, Broken Hill ("hyalite") 19:(428)

Prospect Hill quarries (common opal) 25:191 White Cliffs ("pineapples," after glauberite) 7:60, 19:378p

South Australia

Beltana mine ("hyalite," tiny globules) 22:453 Mintabie (near) (precious white) 23:432n

Brazil

Bahia

Brejinho farm (green) 8:384-385q

Minas Gerais

Córrego do Urucum pegmatite ("hyalite," some fl.) 17:311

Pitora mine, near Galileia ("hyalite," fl. green) 21:412n

Piauí

Pedro II 2:12n

Czech Republic (formerly Czechoslovakia) Dubnik 19:26h

Denmark

Færoe Islands (some gem opal) 12:24n

Iceland

Localities not specified 12:24n

Italy

Lombardy

Baveno area ("hyalite") 14:164

South Africa

Cape Province

Kalahari manganese field: 9:149n; colored masses 22:289

Mamatwan mine (after talc) 9:152

United States

Arizona

Fat Jack mine, Yavapai County ("hyalite," fl. green) 22:26-27

New Cornelia mine, Pima County (some "hyalite") 14:296

California

Advance mine, Alpine County 22:(37)

Geysers, The, Sonoma County (fibrous "cotton balls") 24:351

Jensen quarry, Riverside County ("hyalite") 15:288n

Colorado

Good Hope mine, Gunnison County (some "fire opal") **14:**246

Italian Mountain area, Gunnison County 15:86n

Table Mountain, Jefferson County 19:173 Idaho

Sawtooth batholith (coatings) 24:195

Massachusetts Loudville mine, Hampshire County (blue,

"hyalite") 13:45p, 13:46 Louisiana

Toledo Bend Reservoir (near), Sabine Parish (gemmy fire opal) 21:483

Northumberland mine, Nye County (green to blue, replacing clay minerals) 16:40

New Jersey

Chimney Rock quarry, Somerset County 9:30 New Mexico

Hansonburg district, Socorro County ("hyalite") 20:43

Point of Rocks quarry, Colfax County ("hyalite") 15:153

Portales mine, Socorro County ("hyalite") 20:43

North Carolina

Spruce Pine area, Mitchell County (8 localities) 10:29-30p,q

Oregon

Opal Butte, Morrow County (common, jelly, fire) **24:**48

Utah

Thomas Range and vicinity ("hyalite"; fl.) 10:271

Wisconsin

Rib Mountain, Marathon County ("hyalite," SW UV fl. and phosph.) 12:95

OPTICAL PROPERTIES OF MINERALS

Crystal Chemistry and Refractivity 20:402b OREGON

Agate Beach, Lincoln County 20:463s Baker City (near), Baker County 18:(84s) Beech Creek, east of U.S. 395, Grant County 6:171-173s

Bibliography of locality literature 18:223

Bibliography of mineralogy literature 10:24

Bonanza mine, Linn County 18:(84s)

Cape Lookout, Sandlake, Tillamook County 20:463s Charles W. Chapman quarry, Goble, Columbia County **5:**74

Clackamas River, Estacada, Clackamas County 8:391s, 20:457–458s, 20:463s

Connor Creek, Baker County 18:84s

Cornucopia district 13:396s

Crocker Creek, Baker County 18:84s

Diamond Lake, Douglas County 16:139s

Eckman Creek quarry, southeast of Waldport, Lincoln County 1:153ff,m,g

Estacada (Clackamas River), Clackamas County 8:391s, 20:457-458s, 20:463s

Goble, Columbia County 9:114s, 20:234s

Goble Creek/Near Road, near Goble, Columbia County 22:57-58h

Grant County (locality not specified) 8:390s

Last Chance mine, Cornucopia, Baker County

Lemolo Lake, Douglas County 16:137s, 16:150s Lost Creek Dam. Douglas County 14:367s

Maxwell Point, Oceanside, Tillamook County 20:458s, 20:463s

Mt. Hood, Hood River County 20:463s

Mt. Vernon, Grant County 16:149s

Obsidian Cliffs, White Branch Creek, Lane County 10:298s, 11:58h

Opal Butte, Morrow County 24:48s

Oregon City, Clackamas County 17:138s

Owyhee Dam, Malheur County 5:74s, 18:335s, 20:234s

Ritter, Grant County 20:463s

Salem, Marion County 20:3s

Santiam mine, near Albany, Linn County 18:84s Spray 19:333s

Summit Rock, near Diamond Lake, Douglas County 9:392-393, 12:44s, 16:137s, 16:142p, 17:138s

Sunstone area, Warner Valley, Lake County 7:157-

Three Mile School, near Ritter, Grand County 16:150s, 17:271s

Three Sisters Peaks, Lane County 12:384s, 16:138s Thunder Egg Lake agate beds, southeast of Lakeview, Lake County 7:158h

Young's River, Astoria, Clatsop County 18:141s ORGANIC "MINERALS"

Crystals possibly of organic and/or industrial ori-

gin 13:233 Plant-produced crystalline potassium oxalate suggested as mineral: 5:197-198; response 6:46-

ORGANIZATIONS

sary 21:395

Advent of mineralogical societies and periodicals

25:H153-154 American Federation of Mineralogical Societies (25th anniversary) 3:98-99

American Lands Access Association (formed) 24:4 Association Française de Micromineralogie founded

Australian Federation of Lapidary and Allied Crafts Association 18:157

Baltimore Mineral Society (International Directory of Micromounters) 19:290

California Federation of Mineralogical Societies (35th anniversary) 5:39 Commission on New Minerals and Mineral Names

19:319-323 Connecticut Valley Mineral Club, 50th anniver-

Fluorescent Mineral Society: 20:323; contributions to its journal solicited 6:47-48

167 The Mineralogical Record Index-Volumes 1-25

Franklin-Ogdensburg Mineralogical Society 19:273

Friends of Mineralogy (founded) 1:4 (see Departments and Columns thereafter)

Friends of Mineral (Tokyo) 19:138

Gem and Mineral Club Association of South Australia 18:157

Gem and Mineral Council formed by Natural History Museum of Los Angeles County 16:497 Geo-Literary Society formed 15:147

Geological Society of Mexico 15:195

Gruppo Mineralogico Lombardo (book reviews) **20:**490

Guest speakers for clubs, recommendations for inviting (editorials) 5:102, 18:114-115

Harvard Mineralogical Museum Association 17:98 International Association of Collectors of Slag Minerals formed 21:510

International Calcite Collectors Association 20:420 International Federation of Micromount Societies (established) 23:455

International Mineralogical Association: 1970 general meeting 1:87ff; overview; 1974 meetings 6:64-65; statement on appointment and duties of curators 18:389-390

International Thumbnail Collectors Club formed 14:210

Junior groups, example of successful program 5:148

Laurium Society proposed 17:189

Locality-oriented mineral societies encouraged (editorial) 13:130

Membership loss due to weak educational programs; suggested remedies: editorial 1:133ff; response 2:146

Micromounters of New England 19:325

Mineral Collectors of Utah formed; newsletter published **15:**196

Mineralogical "fellowship" among collectors (editorial) **2:**2

Mineralogical Society of South Australia (atacamite lapel pin offered) 21:124

Mineral Preservation Society (forerunner of Friends of Mineralogy) 4:156-157

Mineral shows—are they worth the effort? (edito-

rial) 3:194-195 Mineral Society of Manitoba (founded) 3:183

Mineral Society of New South Wales (Australia) formed 7:43-44

National Stereoscopic Association 19:128

New York Mineralogical Club, centennial historical notes 16:441-442p

Northwest (Federation) Micromount Minerals Study Group (organized) 2:97

Osage Hills Gem and Mineral Society, Bartlesville, OK (specimens provided to schools) 3:128

Rockhound-oriented clubs declining (editorial) 17:290-291

Sociedad de Mineralogico de Mexico formed 15:195-196

South African Micromount Society organized **6:**139

Southern Great Basin Mineralogical Society formed 14:139

Specimens provided to schools by Osage Hills Gem and Mineral Society, Bartlesville, OK 3:128

Stereoscopic Society 19:128

United Lapidary Wholesalers 4:137–138

ORIENTITE

South Africa

Cape Province

Wessels mine (anhedral) 9:150p

United States

Michigan

Manganese mine, Keweenaw County: 14:225; radial clusters 23:M67n

ORLYMANITE

South Africa

Cape Province

Wessels mine 23:436n

ORPIMENT

Toxicity 11:6

Yellow powdery alteration product of realgar is not orpiment 8:329

Canada

British Columbia

Mt. Washington mine, Vancouver Island

China

Hunan (locality not specified) (prismatic to 10 cm) 23:267, 23:270p

Hunan mine, Shimen 23:277

Locality not specified 19:210n

Greece

Plaka mine, Laurium (fibrous masses) 7:117 Italy

Tuscany

Boccheggiano and Niccioleta mines (with realgar in gypsum) 10:286

Carrara region 18:278

Macedonia (formerly Yugoslavia)

Allchar (large masses; crystals to 2 mm) 24:442, 24:444p

Peru

Huallapon mine, Ancash (crystals to 3 cm) 9:36p

La Liberdad mine, Quiruvilca (crystals) 16:460 Sacramento mine, Julcani district 5:217n

Russia (formerly USSR)

Elbroska, Caucasus (small bow-ties) 23:494n

United States

Nevada

Carlin gold mine, Eureka County 20:469-471c,p

Eureka (near), Eureka County (greenish brown crystals to 8 cm) 22:383

Getchell mine, Humboldt County: 19:(255); some primary crystals 16:19p, 16:20

White Caps mine, Nye: "acicular orpiment" id as wakabayashilite 16:85; crystals 16:85p New Jersey

Lower New Street quarry, Paterson (in calcite) 9:173

ORTHOCLASE

See also Feldspar Group

Australia

New South Wales

Broken Hill (clear green) 7:29

South Australia

Moonta mines 19:(412)

Austria

Knappenwand, Salzburg ("adularia") 17:178 Lienzinger, Salzburg ("adularia") 17:(106) "Prehnitinsel," Salzburg ("adularia" to 15 kg) 17:107n

Brazil

Minas Gerais

Jaguaraçu pegmatite (micro "saddles") 25:169

Bulgaria

Kyustendil (Carlsbad twins) 22:459n

Canada

Ontario

Griffith (east of) (after scapolite) 9:93p Québec

Sherbrooke 20:217p,c,q

Guiyang, Hunan (Carlsbad twin) 20:394

Czech Republic (formerly Czechoslovakia)

Karlovy Vary (formerly Karlsbad) (Carlsbad twins to 6 cm) 22:459n

England

Botallack district (euhedral) 24:281

Cornwall (cassiterite after) 20:(147)

Greenland

Kûngnât complex (soda-orthoclase; crystals to 10 cm) 24:G47

Narssârssuk pegmatite (some Carlsbad twins) 24:G40-41p

Italy

Lombardy

Baveno area (crystals to 20 cm; twinning common) 14:164-165p,d

Tuscany

Calagio quarry ("adularia") 18:247

Carrara region (some epitaxial on albite) 18:247c.d

Grotta d'Oggi, Elba (10 cm crystals) 16:359 San Piero in Campo area, Elba: oriented on albite 16:356d; some "adularia" 16:359, 16:360d

Malawi

Mt. Malosa region (orthoclase-microcline; euhedral, some twinned, to 20 cm) 25:34-35p,c,d

Mexico

Chihuahua

Pili mine ("moonstone" to 3.5 cm) 25:382n Guanajuato

Valencia mine ("valencianite") 4:198h

Pakistan

Doksun Mountain area, Gilgit Division 16:407n Gilgit Division 16:406

Hanuchal 18:(368)

Russia (formerly USSR)

Udacha, Chukotka Peninsula (microclineorthoclase, comb. Baveno/Mannebach twins) 24:389n

Switzerland

Locality not specified ("adularia") 1:(86)

United States

Jumbo mine (near), Prince of Wales Island ("adularia," to 5 cm; some epidote after) **8:**6p

Arizona

Bisbee district 12:309n

Blue Ball mine, Gila County 20:450 Grand Central mine, Tombstone district ("adularia." massive) 11:255

Mammoth mine, Pinal County (some "adularia") 11:160

New Cornelia mine, Pima County 14:296

California

Defiance mine, Inyo County 15:(16) Jensen quarry, Riverside County 15:288n

Little Three pegmatites, San Diego County **20:**106–109p,q,c

Monitor-Mogul district, Alpine County (translucent blocky to 1.6 mm) 22:37

Idarado mine. Telluride ("adularia") 10:329 Mt. Antero, Chaffee County ("adularia") 10:345-346

West Maroon Pass, Gunnison/Pitkin counties (twinned, mostly Carlsbad law) 8:363-367p.d.c

Connecticut

Gillette quarry, Middlesex County (uncertain id) 23:28

Idaho

Sawtooth batholith 24:195

Massachusetts

Acushnet, Bristol County ("adularia") 19:332n

GENERAL INDEX

Maryland **United States** New Jersey Howard-Montgomery quarry, Howard County Osarizawa mine, Akite 8:(517), 19:311n Franklin/Sterling Hill 19:(274) (multiply twinned, to 2 cm) 25:53-54c,q,p New Zealand Michigan Tui mine: 19:(312); masses 6:30n Ogdensburg, Sussex County 18:360-361n Caledonia mine, Ontonagon County 18:(360) **United States** New Mexico Keweenaw Peninsula (micro) 14:221 Blanchard mine, Socorro County 23:(425) Osceola #10 shaft, Houghton County (micro, Bisbee, Cochise County 19:(312) OTJISUMEITE "adularia") 9:314 Copper Prince mine dump, Bisbee district Namibia Nevada Tsumeb 13:142p Majuba Hill mine ("adularia," to 4 mm) Fat Jack mine, Yavapai County (minute OTWAYITE **16:**71 pseudocubic) 22:26p, 22:27c,q Omega mine, Pima County (unconfirmed) McCoy mine, Lander County (white to 2 cm) Australia 21:484n 19:(312) Western Australia Pennsylvania Silver Hill mine, Pima County 18:359n, Nullagine (north of) (announced; fibrous) French Creek mine (columnar to 6.4 cm) 19:311-313p,q 9:39h,c,q 132 North deposit, Widgiemooltha district Church Hills, Millard County 19:(311) Keystone Trappe Rock quarry, Chester County ("adularia") 2:19n "OSMIRIDIUM" **OURSINITE** Utah See Iridium Zaire Thomas Range 16:143n Shaba (formerly Katanga) 20:(398) OSUMILITE and OSUMILITE-(Mg) **Zimbabwe** Shinkolobwe mine 20:283 Miami Antarctica **OWYHEEITE** St. Anne's mine 20:147 Tula Mountains, Enderbyland 22:386n **OSARIZAWAITE** Germany Australia Rheinland-Pfalz Victoria Argentina Bellerberg 12:384p Mt. Wills 18:(28) Capillitas Italy **United States** Ortiz mine 19:(312) Lazio Colorado Australia Vetarella, Vico 23:434n Good Hope mine, Gunnison County (needles; Western Australia berthierite id as) 14:246 Ashburton Downs (massive; minute pseudo-Sakabira 12:383-384p cubic) 24:214 **United States** Eagle vein, Lander County 21:484n Mt. Edgar Pastoral Station 19:311n Oregon OYELITE Whim Creek 19:(312) Obsidian Cliffs, Lane County: crystals to 3 Chile South Africa mm 11:58; micro 10:298n Mina Herminia, Sierra Gorda (minute crystals Cape Province Three Sisters Peaks, Lane County: 16:140; intergrown with beaverite) 11:102-103p,c,q N'Chwaning II mine (dense acicular) 22:289p tabular 12:384p Sierra Gorda district, Caracoles 19:(312)

OTAVITE

England Cheshire

Alderly Edge **19:**(311)

Namibia

Tsumeb (micro crystals) 8:T29, 8:T58p

The Mineralogical Record Index—Volumes 1–25