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ZAKHAROVITE

Canada

Québec

Mt. St-Hilaire (formerly UK#38; minute flakes) **24:388n**

Russia (formerly USSR)

Kola Peninsula **24:(389)**

ZAMBIA

Formerly Northern Rhodesia

Balachardra, Malawi (west of) **23:437s**
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 Post-colonial political history of region **12:188**
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ZANAZIITE

Brazil

Minas Gerais

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ZAPATALITE

Mexico

Sonora

Cerro Morita (near) (newly described) **5:40h,q**

ZARATITE

United States

Pennsylvania/Maryland

Line pit, State Line district **12:154–155**

ZEKTZERITE

Tajikistan (formerly USSR)

Dara-i-Pioz, Tien-Shan (5 cm cleavages) **22:393n**

United States

Washington

Washington Pass, Okanogan County: **20:(152);** announced; crystals to 37 mm **9:253h,q**

ZEMANNITE

Mexico

Sonora

Moctezuma mine: **8:(390);** tabular to prismatic crystals **1:42**

ZEOLITE DEPOSITS

Deccan basalts, Maharashtra, India **7:248–264**

Durham quarry, Durham, NC **6:300–301**

Færoe Islands (Denmark) (20 localities) **12:5–26h,m,p,g**

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Ireland **10:173–176**

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New South Wales, Australia **19:389–406**

Northern Ireland **24:52n**

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Yellowstone National Park, WY **12:29–38**

Zeolites of the World. Rudy Tchernich **23:410–411b**

ZEOLITE GROUP

See also names of individual species; Zeolite Deposits

Italy

Sicily (east coast) **17:(205)**

United States

Nevada

Julie claim, Mineral County (massive, with epidote; tentative id) **16:79**

ZEOPHYLLITE

Canada

Québec

Mt. St-Hilaire (minute plates, aggregates) **21:347p**

Germany

Rheinland-Pfalz

Laacher See area, Eifel district (crusts) **8:325**

ZEUNERITE

See also Metazeunerite

Brazil

Bahia

Brumado mine: **23:276n;** 2 cm crystal **23:432n**
 Pedra Preta mine (tabular to 3 cm) **7:129**

Canada

Northwest Territories

Port Radium **20:(207)**

England

Cornwall

Roughton Great Consols **20:395**

France

Rabéjac quarry, Hérault (zeunerite-metazeunerite, plates to 2 mm) **23:433n**

United States

Arizona

Grandview mine, Coconino County (and/or metazeunerite; tabular crystals) **2:219, 2:221q**

Nevada

Majuba Hill mine (2 mm crystals) **16:71c**

Zaire

Kamoto mine (KOV extension) **20:288**

ZIESITE

El Salvador

Izalco volcano **18:(339)**

ZIMBABWE

Formerly Southern Rhodesia, then Rhodesia

Globe and Phoenix mine, Que Que **4:280s**

Harare **19:124s**

Indarama mine, Sebakwe area, Que Que **13:395s**

Jessie mine, Gwanda district **13:395s**

Last Hope mine, Karoi district **17:341s**

Lone Hand mine, Gwanda district **13:395s**

Lost Hope mine, Miami pegmatite fields, Karoi district **21:256h,s**

Miami **10:179s**

Novello claims, Ft. Victoria **19:271s**

Nyanda (formerly Fort Victoria) **11:316s**

Port Victoria area **18:148s**

St. Anne's mine **19:122s, 20:147s**

ZINCALUMINITE

Greece

Kamaréza mine, Laurium (crusts) **7:123n**

ZINCITE

Gemmy, attributed to Poland or to Tuscany, Italy, proved synthetic **24:236**

Poland

Olkusz mine: **22:478c,q;** clear, acicular, prob. post-mining, "from the Great Mine Fire" **22:391**

United States

New Jersey

Franklin/Sterling Hill **19:273n**

Sterling Hill mine (micro flat twins) **10:45–47p**

Zambia

Broken Hill **12:(394)**

ZINC-MELANTERITE

Greece

Kamaréza mine, Laurium (powdery) **7:123n**

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ZINCOBOTRYOGEN

United States

Arizona
Bisbee **24:435n**

ZINCROSASITE

Australia

New South Wales
Kintore opencut, Broken Hill (rosasite-zinc-rosasite) **19:432**

“ZINC-STOTTITE”

See Stottite

ZINKENITE

Keeleyite discredited as **5:35h**

Bolivia

Oruro district (felted masses) **6:134**
San José mine, Oruro district: acicular **14:389**;
crystals to 5 cm **6:134**

Canada

Ontario
Taylor farm, near Madoc **13:(80)**

France

Saint-Pons (near), Haute-Provence (cupriferous;
thick needles) **24:43**

Italy

Tuscany
Calagio quarries **18:278q**

United States

Colorado
Brobstnag prospect, San Juan County (some
id as guettardite) **7:275**
Silverton district, San Juan County **10:359n**

ZINNWALDITE

Brazil

Minas Gerais
Virgem da Lapa pegmatites (15 cm anhedral)
13:28

Greenland

Narssárssuk (prob. id) **5:123**

Italy

Lombardy
Baveno area (7 cm crystals) **14:165–166**

Madagascar

Anjanabonoina **20:200**

United States

Colorado
Crystal Peak, Park County **16:224n**
Harris Park (west of), Park County **22:382**
Pikes Peak batholith (zoned) **10:377p**
Specimen Rock, El Paso County **16:224n**,
16:225p
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Idaho
Sawtooth batholith (crystals to 7 cm; zoned
with masutomilite) **24:198–199p,q**
Washington
Washington Pass, Okonogan County (zoned
with masutomilite) **18:361**

ZIPPEITE

Canada

Northwest Territories
Port Radium **20:(207)**

Zaire

Shinkolobwe mine **20:288**

ZIRCON

Australia

Northern Territory
Mud Tank (2 cm gemmy) **21:487n**
South Australia
Moonta mines **19:(412)**

Brazil

Minas Gerais
Córrego Bom Sucesso, near Serro (micro
ovoid) **23:472n**

Córrego Frio mine, near Linópolis (color-
less) **14:233**

Jaguaraçu pegmatite (groups to 15 cm)
25:167p, **25:170**

Zé Pinto mine, Conselheiro Pena (tiny tan
euhedral) **21:408n**

São Paulo

Jacupiranga mine **15:269**

Canada

British Columbia

Ice River complex (lavender 1 mm euhedral)
12:224

Ontario

Bancroft area (5 localities) (“cyrtolite”)
10:158p

Canadian Beryllium Mines and Alloys Ltd.
properties, Renfrew County **13:85n**

Cardiff mine, near Wilberforce (“cyrtolite”)
13:81–82p

Davis Hill (equant to 1 cm) **21:245**

Davis quarry, near Bancroft (large masses in
parallel growth) **13:86n**

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Highway 62 roadcut north of Bancroft
13:(111)

J. G. Gole quarry, Renfrew County **13:85n**

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County: **13:201–202**; crystals to 30 cm
13:81n; twins **13:210–212c,p,d**

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“cyrtolite” **13:199–200**

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13:86n

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13:81n

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Tory Hill (near) **13:81p**

Verona (near), Frontenac County **13:81n**
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 (“cyrtolite”) **13:81n**

Wilberforce (near): **13:81**; brown to 10 cm
21:485n

York River tactite zone, near Bancroft
13:227n

Québec

Gatineau Park (Chaput-Payne prospect),
Gatineau County (crystals to 1 cm) **11:80**

Kipawa complex, Timiskaming County:
19:(335), **21:(486)**; to 5 cm **22:386n**

Matilda Lake (near), Argenteuil County (pris-
matic to 5 cm) **22:386n**

Mt. St-Hilaire: **10:104**, **13:(244)**, **19:328n**;
bipyramidal to 2 cm; some fl. **21:347–**
348d,c

England

Merseyside

Thurstaston (rod-like) **21:492n**

Germany

Rheinland-Pfalz

Laacher See area, Eifel district **8:325d**, **10:92p**
Mendig, Eifel district (micro) **25:209p**

Greenland

Narssárssuk (crystals to 6 cm) **5:123**

Italy

Lombardy

Baveno area (micro) **14:166**

Trentino Alto-Adige

Sterzinger Hütte, Pfitschertal (red; fades in
light, returns in darkness) **10:87**

Tuscany

Elba (pale green micro) **16:359–360**

Madagascar

Tranomaro **19:337n**

Malawi

Mt. Malosa region (various habits to 1 cm)
25:33p, **25:38c**

Moon

Minute grains **1:22**

Norway

Alta, Finnmark: **13:181n**, **13:184p**; crystals to 5
cm, some gemmy **13:51**

Gjerdingen, Nordmarka region (bastnäsite af-
ter) **11:88n**

Seiland Island, Altafjord: **19:271n**, **20:397**; end
of collecting **22:47**; red **17:341n**

Pakistan

Bulbin, Northern Areas (2 cm crystals) **25:218**
Locality not specified **20:146**

Stak Nala (near), Gilgit Division (yellowish-
green) **16:407c**, **16:410p**

Russia (formerly USSR)

Lovozero, Kola Peninsula (red-brown) **17:341n**,
21:173n

Ural Mountains **1:(86)**

Sri Lanka

Ambilipitiya, near Kataragama **25:57n**

United States

Arizona

New Cornelia mine, Pima County **14:297**
Northwest of Bisbee **12:315**
Tonopah-Belmont mine, Maricopa County
19:143

California

Himalaya dike system, San Diego County
(euhedral to 1 cm; some uranian) **8:471**

Jensen quarry, Riverside County (brown,
amber, green; xenotime epitaxial on some)
15:286–287d,c

Little Three pegmatites, San Diego County
20:(106)

Colorado

Eureka tunnel, El Paso County: **5:187n**; some
gemmy **16:229–230n**

Little Patsy quarry, Jefferson County (“cyrtolite”)
21:429n

Mt. Rosa, El Paso County **16:229n**

North Cheyenne Canyon, El Paso County
(large “octahedral” crystals) **16:222p**,
16:229

Pikes Peak region **16:229–230**

Saint Peter’s Dome area, El Paso County:
16:229n; gemmy **5:187**

South Platte district, Douglas County (“cyrtolite”)
16:230n

Maine

Bell Pit (micro, “cyrtolite”) **1:114**

Bennett quarry (to 1 cm) **25:183**

Franklin **19:332n**

New Hampshire

Carroll County **20:391**

New Jersey

Bemco mine, Sussex County (euhedral to 2
cm; metamict) **11:39**

Sterling Hill: minute crystals **10:163p**; 1 mm
crystals **21:426n**

New Mexico

Harding mine **8:124**, **20:64n**

Oregon

Summit Rock, Douglas County (minute cav-
ernous crystals; SEM photos) **9:392–393p**

GENERAL INDEX

South Carolina

Tigerville, Greenville County: **2:26h**; euhedral bipyramidal to 3 cm **1:97p**, **1:101ff**

Texas

Clear Creek pegmatite, Burnet County ("cyrtolite") **8:90**

ZIRKELITE

Brazil

São Paulo

Jacupiranga mine (crystals to 5 mm) **15:269**

Norway

Agnes Sandefjord, Vestfold (zirkelite-30Å) **23:435n**

ZNUCALITE

France

Mas d'Alary, Herault (minute crystals) **23:434n**

ZOISITE

Austria

Prickler Halt, Carinthia **19:42h**

Canada

Québec

Jeffrey mine **9:249**, **10:76n**, **10:79q**

Italy

Navara **20:396**

Norway

Jutenheimen area, Oppland or Fjordane (pink, "thulite") **9:318**

Nordli, Nord-Trøndelag ("thulite") **23:436n**

Søre Lia, Lom **20:(397)**

Pakistan

Alchuri Village, Gilgit Division: **24:219**, **24:229p**, **24:230**, **24:232p**, **24:233**; gemmy prismatic, strongly dichroic **24:52n**

South Africa

Transvaal

Messina district (columnar aggregates) **22:199**

Tanzania

Arusha (blue, "tanzanite") **10:31n**, **10:32p**, **25:363–364p,h**

Merelani, Arusha (gemmy) **23:499n**

United States

Arizona

Mammoth mine, Pinal County (unconfirmed; poss. epidote) **11:177**

Spray shaft, Bisbee district **12:315**

Uncle Sam shaft, Bisbee district **12:315**

California

Jensen quarry, Riverside County (pink needles) **15:289n**

Colorado

Campbird mine, Ouray County **7:303n**

San Juan Mountains **10:359n**

Maryland

Rockville Crushed Stone Co. quarry, Montgomery County **17:(127)**

New Mexico

Iron Mountain, Sierra County **20:60n**

Pennsylvania

French Creek mine **25:(119)**

ZUNYITE

United States

Arizona

Quartzsite (near) (2 cm crystals, red fl.) **17:210n**, **17:212p**

Colorado

Silverton district, San Juan County **10:359n**

Zuni mine, San Juan County: **7:302n**; crystals to 5 cm **7:270h**

ZUSSMANITE

United States

California

Laytonville district, Mendocino County **8:433n**

ZVYAGINTSEVITE

Localities not specified **13:392q**, **13:393h**

Russia (formerly USSR)

Noril'sk area, Siberia (grains) **13:392n**

ZWIESELITE

In pegmatite environments **4:110–111**