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- Pentagonite (contact): Oregon (fiveling) **18:335**; Owyhee Dam, OR (fivelings) **5:74–75d**
- Peretaite, Cetine mine, Tuscany, Italy **15:34–35**
- Pharmacosiderite (penetration), Northumberland mine, NV **16:40p, 16:41**
- Phillipsite (contact): Willy Wally Gully, New South Wales, Australia **19:403**; see also Twins and Twinning—Harmotome/phillipsite
- Platinum (penetration), Konder, Russia **24:225p, 24:227n**
- Plattnerite (contact), White Pine Co, NV **1:78p**
- Pyrite (penetration, "iron cross"): Nanisivik mine, Northwest Territories **21:526, 21:531p,d**; Wyoming mine, CO **17:341**
- Quartz (contact, Japan law): Basin, MT **18:360**; Big Bug Creek, AZ **14:365p**; Camp Bird mine, CO **14:146p**; Collier Creek mine, AR **25:58**; Denny Mountain, WA **14:365p**; Fat Jack mine, AZ **22:27n**; Foley Mountain, British Columbia (sceptered) **19:333**; Galiuro Mountains, AZ (elbaite in) **19:331**; Gold Hill, NV **14:56n**; Guerrero, Mexico (var. amethyst) **17:405p, 18:145–146**; King County, WA **17:209**; Mina Tiro Estrella, NM **20:51–53**; Mt. Ida, AR **20:75**; P.C. mine, MT **15:120p**; Prince of Wales Island, AK **8:10p**; San Pedro mine, NM **2:185, 20:63**; Santander, Columbia **17:210p**; survey of 77 world localities **10:137–146**; Washington Camp, AZ **17:341s**; Yankee Boy mine, AZ (multiple) **1:33p**
- Quartz (penetration, Brazil law): Carrara, Italy **18:282**; Kingsgate mines, New South Wales, Australia (color zoning shows twin sectors) **16:284**
- Quartz (penetration, Dauphine law): Carrara, Italy **18:282**; Font Sante mine, France **8:309n**; Gouveia, Brazil **21:487n**
- Quartz (Schneeberg law), Iceland **12:24p**
- Rhodochrosite (contact), Mt. St-Hilaire, Québec: **21:332–333p**; flattened **14:363–364p,c**
- Rutile (contact and penetration): Graves Mountain, GA (twin, sixling, eightling) **16:452–457p,d,c**; Jensen quarry, CA (cyclic) **15:289n**
- Rutile (contact): Carrara, Italy **18:283**; Magnet Cove, AR (eightling) **3:86p**
- Seligmannite-bornonite (contact), Carrara, Italy (fourling twins) **18:275**
- Sellaite (contact), Gjerdingen, Norway **12:231–232p,c,d**
- Senaite, Mt. St-Hilaire, Canada (trillings) **18:364**
- Serandite, Mt. St-Hilaire, Canada **18:363**
- Siegenite (contact), Buick mine, MO **15:38d**
- Silver (contact): Kongsberg, Norway (large cubes) **17:29p,d**; Michigan **23:M42–50p,d**
- Sphalerite (contact): Camp Bird mine, CO **14:147p**; Carrara, Italy **18:269**; Ems district, Germany **15:341p**; Franklin, NJ (micro euhedral) **14:192p**; Iron Cap mine, AZ **19:82ff**
- Sphalerite (penetration), Carrara, Italy **18:269**
- Staurolite (penetration), Fannin County, GA (combined 60° and 90° twin) **21:482**
- Stephanite (contact), Verdad de los Artistas mine, Spain **23:249n**
- Taaffeite (contact), **22:343–347d,c**
- Tridymite (contact): Big Lue Mountain, AZ **18:360**; Lemolo Lake, OR (star-shaped) **16:150, 16:151p**
- Tugtupite (contact), Hímaussaq complex, Greenland **24:26–27d**
- Uraninite (penetration), Gatineau Park, Québec **11:80p,d**
- Witherite (contact), Pen-y-Clun quarry, Wales **19:337**
- Wulfenite (contact), **21:99**
- Zincite (contact), Sterling Hill, NJ (micro flat twins) **10:45–47p**
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- TYCHITE**
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- Uganda**
Lake Katwe (crystals to 8 mm) **8:396p,q**
- United States**
California
Searles Lake: crystals to 2.5 cm **6:77–78c, 6:79d**; micro **8:431n**
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- TYPE LOCALITIES**
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- See also New Species*
Black Hills, SD **17:297–301**
California **2:152–161, 20:141–142**
Nevada **16:43–56**
New England **1:46–53**
New Mexico **20:9–12**
Ytterby, Sweden **2:136–138**
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- TYPE SPECIMENS**
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- See New Species*
-
- TYROLITE**
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- France**
Rabéjac quarry, Hérault (cleavages) **23:433n**
- Greece**
Kamaréza mine, Laurium **25:280**
- United States**
Michigan
Mohawk mine, Keweenaw County **23:M68n**
Nevada
Majuba Hill mine: micaceous sprays, spheres to 5 mm **24:178**; most id as parnauite **16:70–71**
Utah
Gold Hill mine (to 1 mm) **24:21**
-
- TYUYAMUNITE**
-
- United States**
Arizona
Campbell, Bisbee district **12:(315)**
Cole shaft, Bisbee district **12:315**
Montana
Warren, Carbon County (sharp micro crystals) **8:390**
New Mexico
Poison Canyon, McKinley County **20:63n**
- Uzbekistan (formerly USSR)**
Tyuya Muyun Hills, Fergana **18:335p**