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Rocanville: branching groups of stacked cubes **26:491n**

England

Yorkshire
Boulby mine, Loftus, Cleveland: constituent of rock, hopped cubes **27:168**

France

Trimouns quarry, Luzenac, Ariège: granular inclusions in quartz **35:237**

Iran

Hormuz Island: frosty cubes to 3 cm in clusters on matrix **32:253n**

Peru

Las Salinas, Paracas, Pisco, Ica Dept.: crystals with amber-colored gypsum **31:512n**; colorless cubes to 5 cm **34:253**

United States

New Mexico
PCA mine, Carlsbad: cavern with golden crystals to 1 meter on edge **30:369–372p**

Zaire

Kipushi mine, Shaba: in fluid inclusions in quartz **26:182**

HALLOYSITE

Canada

Quebec
Lac Nicolet mine, South Ham: microscopic balls, masses **27:127**

Hungary

Rudabánya: waxy compact aggregates to 2 cm **32:121**

Slovakia

Pezinok mine, Pezinok: in vugs with allophane **31:161**

United States

Nevada
Gold Quarry mine, Eureka County: clayey fracture coating **26:456**

HALOTRICHITE

Bolivia

Cerro Rico de Potosí, Potosí: post-mining fibrous masses **30:21**

Canada

Quebec
Saint-Amable sill: fibrous tufts to 2 mm on pyrite **29:100**

Hungary

Rudabánya: silky white crystals, post-mining **32:121**

Spain

Río Tinto mines, Huelva: yellow crusts **27:283p, 284q**

United States

Arizona
Brick 2 mine, Gila County: acicular and "ram's-horn" **26:445p**

California

White Queen mine near Mojave: delicate hairlike crystals **32:333**

Kentucky

Halls Gap, Lincoln County: silky white fibrous crystals **28:376**

Nevada

Gold Quarry mine, Eureka County: olive-green vanadian, in coatings **26:456**

Tennessee

Alum Cave Bluff, Sevier County: fibrous masses, acicular microcrystals **31:171p**

HAMBERGITE

Madagascar

Anjanaboina: 2.5-cm single crystals **34:86n**
Locality not specified: loose crystals **26:581n**

Nepal

Locality not specified: 9-cm terminated crystal **34:188n**

Pakistan

Drot, Gilgit-Skardu Road, Northern Areas: loose crystals to 7 cm **26:225n**

Shigar Valley: crystals to 1 cm on drusy quartz **27:222n**

Russia

Malkhanskiy pegmatites, Transbaikal **32:(44)**

Tajikistan

Kukur, eastern Pamir: terminated crystals to 2 cm **26:493n**

Pamir Mountains: milky white blades to 6 cm, smaller pale purple crystals **27:456n**; white to purple crystals **32:45**

United States

California

Himalaya mine, Mesa Grande district, San Diego County: porcelain-white, wedge-shaped crystals **33:396p**

Little Three mine, Ramona district, San Diego County **26:TZ(23), 33:(403)**

Nevada

Zapot pegmatite, Mineral County: tabular embedded crystals to 30 cm **30:284**

HANCOCKITE

Sweden

Jakobsberg, Värmland **27:(209)**

HARADAITE

Italy

Liguria

Gambatesa mine, Val Graveglia: emerald-green crystals to 5 mm **32:363p, 365**

HARKERITE

Sweden

Nordmark, Värmland: crystals to 5 mm **27:209**

HARMOTOME

England

Cumbria

Brownley Hill mine, Alston Moor: crystals to 1 mm in quartz cavity **31:246**

Germany

Harz Mountains

St. Andreasberg **26:MB72p**

Italy

Liguria

Val Graveglia: colorless transparent microcrystals **32:363p, 366p, 368**

Norway

Kongsberg mines: recently found crystals to 1 cm **32:197, 199p, 204**

Scotland

Whitesmith Workings, Beinn Resipol, Strontian, Argyll: large plates with lustrous crystals to 1 cm on calcite **30:471n**

Sweden

Garpenberg: white crystals to 2 cm **27:209**

HARRISONITE

Canada

Northwest Territories

Arcadeckne Island: newly described **26:492n**

HAUSMANNITE

Italy

Liguria

Val Graveglia: common species, rare as crystals **32:368**

Mexico

Durango

Ojuela mine, Mapimí: in polished ore sections **34:OJ65**

South Africa

Cape Province

N'Chwaning mine: on garnet (world-class specimens) **26:497**; stepped crystals to 1.8 cm **27:391n**; lustrous 4.2-cm compound octahedron **29:217n**

HAÜYNITE

Twinning in sodalite-group minerals **31:141–151d,p**

Germany

Rheinland-Pfalz

Mendig, Eifel: blue microcrystals, twins **31:141–143p**

Italy

Campania

Mt. Vesuvius: sharp 1-cm crystal in matrix **26:99**; twinned microcrystals **27:460**

HEAZLEWOODITE

Australia

Tasmania

Lord Brassey mine: patches in ore, colloform aggregates **33:327–328p**

HEDENBERGITE

Russia

Dal'negorsk, Primorskiy Krai: large dark green crystal group **26:152n**; sprays of prismatic crystals to 12 cm **32:21p**

Sweden

Malmberget mine, Lappland: lustrous, sharp, blackish green crystals **32:249n**

Nordmark, Värmland: lustrous 1-cm crystals with pyrosmalite **27:209**

HEDLEYITE

Russia

Bor pit, Dal'negorsk, Primorskiy Krai: inclusions in bismuth **32:21**

HEDYPHANE

Mexico

Durango

Ojuela mine, Mapimí: translucent white crystals to 4 mm **34:OJ65**

HELLANDITE-(Y)

France

Trimouns quarry, Luzenac, Ariège: tiny pink crystals, occurrence doubtful **35:237**

Italy

Lazio

3 nearby localities near Vetralla, Viterbo: brown microcrystals **27:149g, 150p**

HELLYERITE

Australia

Tasmania

Lord Brassey mine: pale blue coatings, crystals to 2 mm **33:327–328p**

HELVITE

Argentina

Chinold mine, Cordoba Province: 4-mm crystals **26:487n**

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 Minas Gerais
 Navegador mine, Penha do Norte district, Conselheiro Pena: sharp, silvery greenish yellow tetrahedrons to 5 mm on matrix **35:144n**; tetrahedrons to 1 cm **35:150n**
- China**
 Locality not specified: sharp gray tetrahedral crystals to 2 cm on quartz **33:255n**
 Shangping Zhen, Guangdong: sharp brown tetrahedrons to 2 cm on quartz **34:283n**
- Peru**
 Pachapaqui district, Ancash Dept.: canary-yellow tetrahedrons to more than 1 cm on rhodonite **28:P45** (photo of Romanian specimen misattributed to Pachapaqui)
- Sweden**
 Harstigen mine, Värmland: crude crystals to several cm **27:209**
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 Clark mine, Rincon district, San Diego County: sharp, dark brown tetrahedral crystals exceeding 2 cm on edge **33:390**
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 Butte, Silver Bow County: grains, small veinlets **33:56**
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Subgroup of amphibole group

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Colorado

Adams mine, San Juan County: extraordinary crystals **33:74**

Sweet Home mine, Park County: lustrous blades to 3 cm, some in large groups, with quartz, rhodochrosite **29:SH53, 83p, 96p, 140p,q**

Montana

Butte, Silver Bow County: pseudomorphs, bladed crystals to 1 cm **33:56**

HUMBOLDTINE

Brazil

Minas Gerais

Santa Maria de Itabira: orange-brown natural **26:489n**

HUMITE

Italy

Campania

Mte. Somma/Vesuvius: complex microcrystals **27:460**

United States

Alaska

Green Monster Mountain, Prince of Wales Island: brown crystals to 1 cm, identification uncertain **35:400**

HUMMERITE

United States

Nevada

Gold Quarry mine, Eureka County: efflorescences **26:458**

HUNGARY

Bannat of Temeswar **26:MB75s**

Rudabánya near Miskolc **32:89–126, 155–160g,h,m,p; 32:489s, 33:260s, 34:91s**

Schemnitz (Chemnitz) (= Banská Stiavnica, Slovakia) **28:63s, 31:432s**

HUREAULITE

Brazil

Minas Gerais

Conselheira Pena: bright pink with other phosphates **26:489n**

Criminoso mine, São Jose da Safira: with barbosalite, vivianite etc. **26:489n**

Joca mine, Galiléia: crystals to 8 mm in cavity fillings **26:221p, 222n**; pink crystal aggregates with reddingite, large specimens **28:207p, 208n**

Sapucaia pegmatite, Galiléia: pink crystals to several mm, nodules **30:352q, 356**

Mozambique

Alto Ligonha area **31:(481)**

Pakistan

Shengus, Gilgit Division: pink prismatic crystals to 3 cm **29:132–133n, 134p**

GENERAL INDEX

HURLBUTITE

Sweden

Norro, Rånö Island **27**:(209)

United States

New Hampshire

Beauregard mine near Gilsum: grains in bertrandite **26**:482n

HUTCHINSONITE

Peru

Quiruvilca district, La Libertad Dept.: silvery black prismatic crystals to 1 cm **28**:P25

HYALOPHANE

Bosnia/Hercegovina

Zagradski Potok near Busovača: lustrous, complex crystals and twins to 20 cm **27**:325–340c,d,p,q

United States

California

Baumann prospect, Chickencoop Canyon, Tulare County: tiny grains **34**:162–163

HYDROBORACITE

Canada

New Brunswick

Sussex: transparent 6-mm crystal **32**:239p

United States

California

Boron: crystals in 40-kg boulder **26**:435

HYDROCERUSSITE

England

Somerset

Higher Pitts mine, near Priddy: large masses, crystals to 3 cm **27**:253–257p

Namibia

Tsumeb: pseudomorphs after cerussite **33**:97n

“HYDROGROSSULAR”

Hibschite-katoite series

India

Kurar quarry, Bombay-Malad: hydroxyl-rich andradite, microcrystals **34**:30

HYDROHETAEROLITE

Mexico

Durango

Ojuela mine, Mapimí: elongated crystals to 8 mm in Mn oxides **34**:OJ67

HYDROHONESSITE

United States

Kentucky

Halls Gap, Lincoln County: crystal rosettes to 20 μ m **30**:65p

HYDROMAGNESITE

England

Cumbria

Brownley Hill mine, Alston Moor: spherules to 0.4 mm on alstonite **31**:246

United States

Tennessee

Alum Cave Bluff, Sevier County: sprays of colorless crystals to 1 mm **31**:171

HYDRONIUM JAROSITE

United States

Nevada

Gold Quarry mine, Eureka County: lustrous 1-mm crystals **26**:458, 460p

HYDROXYAPOPHYLLITE

India

Bombay area, Maharashtra: short-prismatic crystals to 2 cm **34**:30, 47p, 69

South Africa

Cape Province

Kalahari manganese field: groups of pale orange tabular crystals **34**:92n

N'Chwaning mines: lustrous pseudocubes with inesite, prehnite **32**:252n; white, lustrous, translucent pseudocubes to 1.5 cm **34**:282n

Transvaal

Marlin Norite quarry, Bushveld Complex: tabular microcrystals **29**:463p, 464

United States

California

Baumann prospect, Chickencoop Canyon, Tulare County: crystal sections **34**:164

HYDROXYCANCRINITE

Russia

Locality not specified **26**:(494)

HYDROXYLHERDERITE

Brazil

Minas Gerais

Alto Lavra do Afranio, Linopolis: glassy brown twinned crystals **34**:281n

Corrego Frio, Linopolis (*later corrected to Alta Lavra do Afranio*): brown twinned crystals to 5 cm **33**:524n; loose brown twins **34**:84p

Golconda mine: large crystals with gemmy green elbaite **31**:68p

Linopolis: loose, twinned tabular crystals, brown to tan **30**:41n; pale to deep brown (zoned) crystals to 4 cm **35**:153n

Morro Redondo mine, Coronel Murta: bright, lavender twins to 5.5 cm **30**:52n

Sapucaia pegmatite, Galiléia: pale greenish yellow crystals to several mm **30**:356

Virgem da Lapa (or Morro Redondo): purplish crystals to 7.5 cm **30**:150n

Paraíba

Alto des Flechas pegmatite, Pedra Lavrada: spectacular cognac-colored crystals to 12 cm **31**:180

Mozambique

Naipa mine, Alto Ligonha area: crystals **31**:481c,d

Pakistan

Sabsar, Rhondu district, Northern Areas: sharp colorless to pale green crystals to 2 cm, some with topaz **32**:60n

United States

California

Blue Chihuahua mine, Riverside County: fine crystals found in 1960's **33**:371p

Maine

Bennett quarry, Buckfield: crystals to 2 cm **26**:479n; **26**:575n; twinned pale yellow, included crystals to 2 cm **26**:576n; **26**:577p

Emmons quarry, Greenwood: microcrystals with goyazite **26**:578n

HYDROZINCITE

Austria

Lower Austria

Annaberg district: botryoidal white, old specimen **29**:186p

England

Cumbria

Brownley Hill mine, Alston Moor: post-mining encrustation **31**:246

Italy

Tuscany

Serravezza: 3-mm globules **27**:54

Mexico

Chihuahua

Los Lamentos district: masses, veins, tiny acicular crystals **34**:LL24

Durango

Ojuela mine, Mapimí: white acicular crystals to 4 mm in druses **34**:OJ67–68

Platosa mine, Bermejillo: crusts on gypsum crystals **34**:OJ65p, 68

Russia

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Spain

Picos de Europa, Santander: white crusts, stalactites, nodules **27**:185

United States

Arizona

Castle Dome district, Yuma County: in solution channels **29**:454

Kentucky

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Old Jim mine, Crittenden County: dull white encrustations on smithsonite **28**:39

Nevada

Yellow Pine mine near Goodsprings: lustrous microcrystal coatings **28**:204n

Zaire

Kipushi mine, Shaba: earthy and acicular **26**:183