

## TOPOGRAPHICAL INDEX

## EUROPE

## Iceland (Ísland)

- Bondolfur, East Iceland:* pitchstone, oligoclase, 587  
*Sellatur, East Iceland:* pitchstone, anorthoclase, 587  
*Skruthur, East Iceland:* pitchstone, anorthoclase, 587  
*Thingmuli, East Iceland:* andesine, 587

## Faroës (Færøerne)

- Erionite, chabazite, 343

## Norway (Norge)

- Gryting, Risør:* fergusonite (var. risørite), 392  
*Helle, Arendal:* fergusonite, 392  
*Nedenås:* fergusonite, 392  
*Rullandsdalen, Risør:* fergusonite, 392

## British Isles

## ENGLAND AND WALES

- Adamite, hübnerite, xlv  
*Billingham anhydrite mine, Durham:* apthitalite(?), arsenopyrite(?), epsomite, ferric sulphate(?), gypsum, halite, ilsemannite(?), lepidocrocite, molybdenite(?), pyrite, sulphur, tachydrate(?), talc, tamarugite(?), thenardite, 172  
*Blaen-y-Nant, Nant Francon, Caernarvonshire, North Wales:* chlorite, garnet, pyrosmalite, 242.  
*Gunnerton, Northumberland:* stevensite, pectolite, 218  
*Rulland Cavern, Matlock Bath, Derbyshire:* rosasite, lxxvi

## Cornwall

- Bodmin Wheel Mary, Lanivet:* alabandine, bornite, helvine, 921  
*Endelick:* bindheimite, 664  
*Geovor mine, Pendeen, St. Just-in-Penwith:* uraninite, 654  
*Levant mine, St. Just-in-Penwith:* danalite, scheelite, 921  
*New Tolgus shaft, Redruth:* axinite, danalite, garnet, 921  
*Old Treburgett mine, St. Teath:* beudantite, carminite, mimetite, scorodite, 432

- Penberthy Croft, St. Hilary:* carminite, beudantite, 431  
*Pengenna (Trewethen) mine, St. Kew:* beudantite, carminite, mimetite, scorodite, 432  
*Redruth:* danalite, 921  
*Roscommon Cliff, St. Just-in-Penwith:* stokesite, 433  
*St. Day:* cornubite, 1  
*Treburland mine, Altarnun:* genthelvite, molybdenite, 921  
*Treore mine, St. Teath:* beudantite, carminite, jamesonite, mimetite, scorodite, stibnite, 431  
*Trefoil mine, Lanivet:* danalite, garnet, ilvaite, 921  
*Wheal Betsy, Tremore, Lanivet:* helvine, scheelite, 921  
*Wheal Carpenter, Gwinear:* beudantite, bayldonite, carminite, 431; cornubite, cornwallite, 1  
*Wheal Clinton, Mylor, Falmouth:* danalite, 921  
*Wheal Cock, St. Just-in-Penwith:* apatite, bertrandite, herderite, helvine, phenakite, scheelite, 921  
*Wheal Ding (part of Bodmin Wheel Mary):* blende, helvine, scheelite, 921  
*Wheal Gorland, Gwennap:* cornubite, 1; beudantite, carminite, zeunerite, 430  
*Wheal Muttrell, Gwennap:* cornubite, 1  
*Wheal Maudlin, Lanlivery:* danalite, 921  
*Wheal Phoenix, Linkinhorne:* cornubite, 1

## Cumberland

- Gold, 420  
*Caldbeck Fells:* gold, lxxxiii  
*Drigith mine, Caldbeck Fells:* beudantite, carminite, cerussite, mimetite, galena, 428  
*Dry Gill, Caldbeck Fells:* beudantite, baryte, azurite, olivenite, 428; coronadite, 343  
*Embleton quarry, Cockermouth:* alunite, dickite, thaumasite, zunyite, 418; thaumasite, lxxvi  
*Grains Gill, Carrock Fell:* arsenopyrite, beudantite, beaverite, carminite, bayldonite, mimetite, 428; gold, 420  
*Higher Roughton Gill, Caldbeck Fells:* beudantite, beaverite, carminite, cerussite, chrysocolla, galena, jarosite, plumbojarosite, 430

*Ingray Gill, Caldbeck Fells*: beudantite, carminite, pharmacosiderite, scorodite, 429

*Netherrow Brow, Caldbeck Fells*: beudantite, beaverite, arseniosiderite, mimetite, arsenopyrite, carminite, mottramite, pharmacosiderite, plumbojarosite, scorodite, 429

*Potts Gill mine, Caldbeck Fells*: cornubite, 2; arsenopyrite, beudantite, blende, carminite, chalcopyrite, galena, löllingite, pharmacosiderite, scorodite, 429

*Wanthwaite mine, St. John-in-the-Vale, Threlkeld*: beudantite, carminite, pharmacosiderite, plumbojarosite, scorodite, 430

#### Devon

*Bedford United mines, Tavistock*: cornubite, 2

*Ford mine, South Tawton*: scheelite, 921

*Meldon aplite quarry, Okehampton*: bavenite, 577

*Meldon limestone quarry, Okehampton*: scheelite, 921

*Ramsley mine, Sticklepath, Okehampton*: scheelite, lxxviii, 921

*Red-a-ven Brook mine, Meldon, Okehampton*: helvine, löllingite, scheelite, 921

#### Nottinghamshire

*Bulwell*: cerussite, galena, wulfenite, uraniferous asphaltite, 705

*Kirkby in Ashfield*: malachite, wulfenite, uraniferous asphaltite, 705

*Limekiln Wood, Newstead*: galena, wulfenite, 705

*Mansfield*: baryte, uraniferous asphaltite, 705

*Papplewick*: cerussite, chalcopyrite, galena, malachite, 705

*Shirebrook*: uraniferous asphaltite, 705

#### Shropshire

*Cwm-mawr*: chlorite, 257

*Woodgate*: chlorite, 251; unidentified expanding-lattice mineral, 251

#### Yorkshire

*Cusworth Park, Doncaster*: galena, uraniferous asphaltite, 705

*Eskdale p-veatchite*, 500

*New Eddlington, Doncaster*: galena, uraniferous asphaltite, 705

*Scalby*: kaolinite, 902

*South Bay, Scarborough*: scarbroite, hydroscharbroite, 353

*Woodsetts*: galena, 705

#### SCOTLAND

*An Leth Allt, Sgurr an Airgid, Ross-shire*, fuchsite, 179

*Tormore shore, Arran*: andesine, 587

*Tyndrum, Perthshire*: uraninite, 654

#### Argyll

*Cnoc Rhaonastil, Islay*: dolerites, 140

*Glenmore, Ardnamurchan*: arkose & pelite, metamorphism & metasomatism by dolerite, 866

#### Edinburgh

*Dunsapie*: 'iddingsite', 823

*Holyrood Park*: pseudomorphs of hematite & chlorite after olivine ('iddingsite'), 324

#### Harris

*Bay Steinigie, South Harris*: chondrodite, humite, 910

*Chiapaval, South Harris*: pegmatite with muscovite, microcline, columbite, monazite, zircon, gahnite, kasolite, betafite(?), 373

*Lock a' Sgurr, Loch Langevat, South Harris*: pegmatite with epidote, zircon, spessartine, allanite, uraninite, thorite, monazite, uranophane, 367

*Loch Vallarip, Rodilpark, South Harris*: pegmatite with zoisite and oligoclase, 376

*Sletteval, Loch Langevat, South Harris*: pegmatite with biotite, microcline, thorite, thorigummitte, 367

#### Inverness

*Sgurr of Eigg*: pitchstone, sanidine, 587

*Skye*: tobermorite, xonotlite, lxxvii

*Echoing Rock, Fir Breugach, The Quirang, Skye*: red thomsonite ('plinthite'), 455; 'red mesolite' (analcime + thomsonite), 457

*Portree, Skye*: tacharanite, tobermorite, xonotlite, mesolite, calcite, saponite, thomsonite, 745

*The Quirang, Skye*: red analcime, red thomsonite, & mixtures ('plinthite'), 455; 'red mesolite' (analcime), 456; 'rock soap' (thomsonite), 458; plinthite, 455

*The Storr, Skye*: red analcime ('plinthite'), 455; 'red mesolite' (analcime + thomsonite), 457; 'rock soap' (thomsonite), 458

*Uig, Skye*: chlorite + hematite, 455; zeolites, 458; analcime, thomsonite, gyrolite, and 'uigite' (thomsonite + gyrolite), 340

*Renfrewshire*

*Inverkip*: wollastonite reaction-skarn, 26  
*Port Glasgow*: chabazite ('glottalite'), 421

*Sutherland*

*Allt a Mhuilinn*: epidiorite, 767  
*Bad na h' Achlaise, Ledmore*: cromalite, 767  
*Lettermore quarry, Loch Loyal*: nordmarkite, 389  
*Loch Bad nam Ban, Lochinver*: biotite-diorite, 767  
*Loch Stack*: molybdenite in amphibolite, pegmatites, sphene, 344  
*Scourie*: dolerite, garnet-plagioclase amphibolite, hornblende-schist, 848; amphibole, clinopyroxene, orthopyroxene, almandine, andesine, orthoclase, epidote, 848  
*Sgor Chaonasaide, Loch Loyal*: nordmarkite with pegmatite veins, amazonite, magnetite, sphene, allanite, montmorillonite, stilbite, harmotome, unidentified rare-earth mineral, 389

IRELAND

*Flush Hall, Newtownards, Co. Down*: thaumasite, 416

*Antrim*

Plinthite, red zeolites (miscalled plinthite), 455; aragonite, zeolites, calcite, apophyllite, chalcedony, garronite, 505; zeolites, 202  
*Baird's Brae, Roughfort*: calcite, 609  
*Ballyclore*: calcite, 609  
*Ballycraigy, Larne*: dolerite-chalk contact, xlvii; vaterite, 535; calcite, 609  
*Belshaw's quarry, White Mountain*: laumontite, 516  
*Bengore Head*: calcite, 609; thomsonite, 506  
*Berk Hill*: apophyllite, 508  
*Black Cave, Islandmagee*: mordenite, 509  
*Carrmoney Hill, Belfast*: calcite, zeolites, 609  
*Giant's Causeway*: heulandite, 506  
*Glenarn*: chabazite (var. herschelite), 513  
*Heddles Port, Islandmagee*: calcite, 609  
*Keady Mountain*: calcite, 609  
*Kinbane Head*: calcite, 609  
*Langford Lodge borehole*: calcite, saponite, zeolites, 526; calcite, 609  
*Portadown*: calcite, zeolites, 609  
*Randalstown*: thomsonite, 505  
*Roughfort*: apophyllite, 508  
*Templepatrick*: thomsonite, 505

*Tievebulliagh, Cushendal*: bauxite, bole, lithomarge, xlvii  
*White Mountain*: mordenite, 509  
*Wolf Hill, Legoniel*: apophyllite, 508

*Tipperary*

*Knockanroe and Ballygown South mines, Silvermines district*: pyrite, marcasite, arsenopyrite, blende, galena, baryte, dolomite, cerussite, anglesite, smithsonite, hemimorphite, chalybite, 136  
*Shallee and Gortadyne mines, Silvermines district*: pyrrhotine, arsenopyrite, chalybite, pyrite, blende, chalcopyrite, tetrahedrite, gudmundite, marcasite, bournonite, boulangerite, goethite, sericite, galena, baryte, ankerite, chalcocite, covelline, malachite, azurite, linarite, hemimorphite, 128

France

*Puyvalador, Quérigut, Pyrenees*: dolomitic marble, tremolite, sepiolite, phlogopite, 412

Spain (España)

*Pontevedra*: boliviarite, 419  
*Vallecas*: sepiolite, 53

Italy (Italia)

*Capo di Bove, Rome*: cahnite, 666  
*Pantelleria*: anorthoclase, 587  
*Piano del Lavonchio, Craveggia, Val Vigizzo, Piemont*: tanteuxenite ('de-lorenzite'), 308

Czechoslovakia (Československo)

*Čtádrůvice, Moravské Budějovice*: stokesite, cassiterite, tourmaline, 673  
*Zettlitz*: kaolinite, 38

Yugoslavia (Jugoslavija)

*Gradešnica, Macedonia*: kaolin, 39  
*Skočaj, Croatia*: kaolin, 39

ASIA

Ceylon

Fergusonite, 392  
*Rakwana*: fergusonite, 392

India

*Andhra Pradesh*  
*Avagudem*: jacobsite, 337  
*Devada*: jacobsite, 337

*Garbham, Vizagapatam*: epimorphs of pyrolusite over cryptomelane, 169, 334

*Garividi*: jacobsite and hausmannite ('vredenburgite'), 337

*Kodur*: jacobsite, 337

#### Bihar

*Kadakora, Singhbhum*: hornblende (green and colourless), 177

*Tekrasai, Singhbhum*: baryta-psilomelane, 166; cryptomelane, 168, 334

#### Bombay

*Chikli, Satara*: cryptomelane, 168, 334

*Goldongri mine, Panch Mahal district, Gujarat State*: blanfordite, manganophyllite, winchite, 908

*Kacharwahi, Nagpur*: braunite, 334

*Sonegaon, Guguldoh, Nagpur*: cryptomelane, 334

*Yeruli, Satara*: cryptomelane, 334

#### Madhya Pradesh

*Balaghat*: hollandite, jacobsite, 334

*Beldongri quarry, Panch Mahal district*: and hausmannite ('vredenburgite'), 334

*Bhandara*: rhodonite, spessartine, rhodochrosite, 337

*Chhindwara*: hollandite, 334

*Dongri Buzurg*: jacobsite, ramsdellite, 334

*Gaimukh*: rhodochrosite, rhodonite, braunite, baryte, 337

*Jhabua, Bilaspur*: psilomelane, 166

*Kajlidongri, Jhabua district*: hollandite, 334; juddite, 736

*Mansar mine, Chargaon*: beldongrite, 334

*Ratanpur, Bilaspur*: psilomelane, 166

*Sitapar, Chhindwara*: bixbyite ('sitapelite'), 335

*Tirodi*: jacobsite, 337

#### Mysore

*Belgaum*:  $\gamma$ -Manganese dioxide, 334

*Sandur*:  $\gamma$ -Manganese dioxide, 334

## AFRICA

### West Africa

*Bamenda, Cameroons, Nigeria*: pseudometeorite, 910

### East Africa

*Mawudzi, Tete, Mozambique*: davidite, 720

### Kenya

*Kenailmet, Turkana*: samarskite, 722

*Kokusan, Turkana*: samarskite, 722

*Morukong, Turkana*: samarskite, 722

### Tanganyika

*Mautia Hill, Kongwa, Mpwapwa District*: kyanite, tale, yoderite, 282

*Panda Hill, Mbeya*: biotite, orthoclase, pandaite, 13

### Congo

*Mt. Shaheru, Nyiragongo, North Kivu*: delhayelite, 6

*Shinkolobwe, Katanga*: uraninite, 719

## Central Africa

### Nyasaland

*Middle Shire*: metamorphic rocks, 725

*Monkey Bay, Lake Nyasa*: monazite, 721

### Northern Rhodesia

*Kansanshi*: brannerite, 719

*Nkana*: uraninite, 717

### Southern Rhodesia

*Benson mine, Mtoko*: holmquistite, hornblende, 781

*Mateke Hills*: kennedyite, limburgite, 676

*Salisbury*: helvine, manganapatite, montmorillonite, petalite, spodumene, 87

## South Africa

*Driekop mine, Transvaal*: geversite, unnamed new Pt and Pd minerals, (Fe,Ni)<sub>2</sub>S, braggite, cooperite, laurite, iridosmine, osmiridium, pentlandite, sperryllite, stibiopalladinite, valleriite, 833

### Cape Province

*Barkly East*: dickite, 314

*Boksput Farm, Gordonia*: fergusonite, 392

*Postmasburg*: dickite, 314

### South-West Africa

*Namaqualand*: cyanotrichite ('namaqualite'), 737

*Otjimboyo East, Karibib*: bismuthiferous bindheimite, 664

*Usakos*: monazite, dolomitic marble, magnetite, graphite, 650

## Madagascar

*Ampandrandava*: sepiolite, 223

## NORTH AMERICA

## Canada

- Asbestos, Quebec*: brucite (var. nemalite), 754  
*Shmoo Lake, Lac la Blanche, Saguenay Co., Quebec*: titanomagnetite, 778

## United States

- Amory, Mississippi*: montmorillonite, 53  
*Baraboo, Wisconsin*: dickite, 53  
*Bedford, Indiana*: halloysite, 53  
*Bull Runn quarry, Centerville, Virginia*: thaumasite, 567  
*Colony, Wyoming*: montmorillonite, 53  
*Durkee, Baker Co., Oregon*: erionite, 261  
*Hector, California*: hectorite, 53  
*Manito, Washington*: nontronite, 53  
*North Carolina*: fergusonite-formanite, 392  
*Ouray, Colorado*: dickite, 314  
*Rock Island dam, Wenatchee, Washington, D.C.*: erionite, 263

## Georgia

- Attapulgus*: palygorskite, 53  
*Dry Branch*: kaolin, 39  
*McIntyre*: kaolinite, 53

## Illinois

- Grundy Co.*: illite, 53; fireclay, 53  
*Vermilion Co.*: illite, 53

## New York

- Talc*, 53  
*Tomhannock Creek, Rensselaer Co.*: meteorite, 528

- Yorktown, Westchester Co.*: meteorite, 528

## Pennsylvania

- Pine Knot colliery, Schuylkill Co.*: dickite, 683  
*Wood's mine, Texas, Lancaster Co.*: brucite, 754

## SOUTH AMERICA

- Mendoza, Argentina*: montmorillonite, 53

## AUSTRALASIA

## Australia

## Western Australia

- Cooglegong*: formanite, 392  
*Dalgaranga*: meteorite, meteorite crater, 619  
*Marble Bar district*: formanite, 392

## New South Wales

- Melanterite*, 529  
*Barrington*: amygdaloidal basalt, calcite, chalcedony, chabazite, manganite, montmorillonite, natrolite, 480

## ARCTIC

## Greenland

- Julianehaab*: fergusonite, 392  
*Skaergaard*: ilmenite, titanomagnetite, 778; pyroxenes, 379  
*Ubekendt Ejland*: picrite, xlv