

J

Jacobsite, 341
 Jade, 393, 394, 401
 Jade tenace, 394
 Jadeite, 393
 Jalpaite, 289
 Jamesonite, 308
 Jargon, 429
 Jarosite, 537
 Jasper, 327
 Jaspopal, 329
 Jefferisite, 476
 Jeffersonite, 390
 Jeremejevite, 518
 Jet, 546
 Johannite, 538
 Johnstrupite, 487
 Jordanite, 313
 Joseite, 285
 Josephinite, 281

K

Kaersutite, 402
 Kainite, 530
 Kakoxen, 513
 Kaliborite, 520
 Kalifeldspath, *v.* Orthoclase
 Kaliglimmer, 464
 Kalinite, 535
 Kaliophilite, 410
 Kalisalpete, *v.* Niter
 Kalkglimmer, 470
 Kalkspath, 354
 Kalkuranit, 515
 Kallait, *v.* Turquoise
 Kallilite, 302
 Kalomel, 317
 Kalusite, 534
 Kamacite, 281
 Kämmererite, 474
 Kamazevite, 536
 Kammkies, 303
 Kampylite, 499
 Kaolin, 481
 Kaolinite, 481
 Karminspath, *v.* Carminite
 Karneol, *v.* Carnelian
 Karstenite, *v.* Anhydrite
 Karyinite, 495
 Kataforite, 402
 Katzenauge, *v.* Cat's-eye
 Kautschuk, fossiles, 545
 Kehoeite, 514
 Keilhauite, 487
 Kelyphite, 418
 Kentrolite, 446
 Kermes, 305
 Kermesite, 305
 Kerosene, 544
 Kerrite, 476
 Kibdelophan, 337
 Kidney ore, 335
 stone, 401

Kieselwismuth, 414
 Kieselzinkerz, 446
 Kieserite, 531
 Kilbrickenite, 314
 Killinite, 466
 Kjerulfine, 502
 Klapprotholite, 307
 Klinoklas, 505
 Klinozoisit, 439
 Knebelite, 422
 Knopite, 488
 Knoxvillite, 536
 Kobaltblüthe, 509
 Kobaltglanz, *v.* Cobaltite
 Kobaltkies, *v.* Linnæite
 Kobaltspath, *v.* Sphærocobal-
 tite
 Kobellite, 309
 Kochsalz, *v.* Halite
 Koettigite, 509
 Kohle, 545, 546
 Kohlenspath, *v.* Whewellite
 Koksharovite, 402
 Kongsbergite, 279
 Königine, Königite, 530
 Koninckite, 510
 Koppite, 489
 Kornerupine, 451
 Korund, *v.* Corundum
 Kotschubeite, 473
 Köttigite, 509
 Krantzite, 543
 Kraurite, 506
 Kreittonite, 339
 Kremersite, 323
 Krennerite, 305
 Krisuvigite, 530
 Kröhnkite, 536
 Krönkite, Krönkite, 536
 Kryptoperthit, 373
 Kupfer, *v.* Copper
 Kupferantimonoglanz, 308
 Kupferblende, 313
 Kupferglanz, *v.* Chalcocite
 Kupferglimmer, *v.* Chalco-
 phyllite
 Kupferindig, 294
 Kupferkies, 297
 Kupferlasur, 365
 Kupfernickel, 295
 Kupferschaum, 511
 Kupferuranit, 515
 Kupfervitriol, 534
 Kupferite, 402
 Kyanite, 434
 Kyindrite, 316

L

Labrador feldspar, 379
 Labradorite, 379
 Lagonite, 519
 Lampadite, 352
 Lanarkite, 530

Långbanite, 446
 Langbeinite, 523
 Langite, 536
 Lansfordite, 367
 Lanthanite, 366
 Lanthanum carbonate, 366
 Lapis-lazuli, 413
 Larderellite, 519
 Lasurapatite, 498
 Lasurite, 413
 Latrobit, 380
 Laubanite, 457
 Laumonite, 457
 Laumontite, 457
 Laurionite, 322
 Laurite, 302
 Lautarite, 517
 Låvenite, 395
 Lavroffite, Lavrovite, 389
 Lawrencite, 321
 Lawsonite, 447
 Lazulite, 506
 Lazurite, 413
 Lead, 279
 Black, 273
 Native, 279
 White, *v.* Cerussite
 Lead antimonate, 516
 arsenates, 500
 carbonates, 363, 366
 chloride, 321, 322
 chloro-carbonates, 364
 chromates, 529
 dioxide, 346
 molybdate, 541
 oxides, 332, 343, 346
 oxychlorides, 322
 phosphate, 499
 selenides, 288, 289
 silicates, 408, 446
 sulphantimonate, 315
 sulphantimonites, 308, *etc.*
 sulpharsenites, 308, *etc.*
 sulphates, 527, *etc.*
 sulphato-carbonate, 529
 sulphide, 287
 sulphobismuthites, 308,
etc.
 telluride, 288
 tungstate, 541
 vanadates, 500, 505
 Lead glance, 287
 Lead vitriol, *v.* Anglesite
 Leadhillite, 529
 Lecontite, 531
 Ledererite, 459
 Lederite, 486
 Lehrbachite, 289
 Lennilite, 476
 Leonhardtite, 457
 Leonite, 535
 Leopoldite, 319
 Lepidolite, 467
 Lepidomelane, 470

Lepolite, 380
 Lettsomite, 536
 Leucaugite, 390
 Leuchtenbergite, 473
 Leucite, 381
 Leucochalcite, 511
 Leucomanganite, 507
 Leucopetrite, 544
 Leucophanite, 407
 Leucopyrite, 303
 Leucoxene, 337, 486
 Levynite, Levyne, 459
 Lewisite, 516
 Libethenite, 504
 Liebenerite, 410, 466
 Liebigite, 367
 Lievrite, 445
 Lignite, 546
 Lirurite, 486
 Lillianite, 310
 Lime, *v.* Calcium
 Lime uranite, 515
 Limestone, 357
 Hydraulic, 357
 Magnesian, 358
 Limonite, 350
 Linarite, 530
 Lindackerite, 516
 Linnæite, 297
 Linsenkupfer, *v.* Liroconite,
 514
 Linsenerz,
 Lintonite, 462
 Liroconite, 514
 Liskeardite, 513
 Lithia mica, 467
 Lithionglimmer, 467
 Lithiophilite, 496
 Lithium phosphates, 496, 503
 silicates, 393, 410, 467
 Lithographic stone, 356
 Lithomarge, 481
 Livingstonite, 307
 Loadstone, Lodestone, 339
 Loeweite, 535
 Loewigite, 538
 Löllingite, 303
 Lorandite, 308
 Lossenite, 516
 Löweite, 535
 Löwigite, 538
 Loxoclase, 372
 Luckite, 534
 Ludlamite, 513
 Ludwigite, 518
 Lumachelle, 356
 Lüneburgite, 516
 Lussatite, 326
 Lutecite, 328
 Luzonite, 315
 Lydian stone, 327

M

Mackintoshite, 437

Macle, 433
 Maconite, 476
 Magnesioferrite, 341
 Magnesite, 358
 Magnesium aluminate, 338
 arsenate, 508
 borate, 519, 520
 carbonates, 358, 366, 367
 ferrate, 341
 fluoride, 321
 hydrate, 351
 molybdate, 542
 oxides, 331, 351
 phosphates, 502, 508, 510
 silicates, 384, 385, *etc.*
 419, 443, 476, 479, 480
 sulphates, 531, 533
 titanate, 488
 Magneteisenstein, 339
 Magnetic iron ore, 339
 Magnetic pyrites, 296
 Magnetite, 339
 Magnetkies, 296
 Magnoferrite, 341
 Malachite, 364
 Blue, *v.* Azurite
 Green, 364
 Malacolite, 388
 Malacon, Malakon, 430
 Maldonite, 276
 Malinowskite, 313
 Mallardite, 534
 Maltha, 544
 MANGANATES, 337
 Manganandalusite, 433
 Manganapatite, 498
 Manganblende, 292
 Manganbrucite, 351
 Manganchlorite, 474
 Manganepidote, 440
 Manganese antimonate, 507
 arsenates, 502, 505, 506,
 507
 carbonate, 359
 oxides, 345
 disulphide, 301
 hydrates, 349, 351, 352
 niobate, 490
 oxides, 332, 342, 343, 345,
 347, 349, 351
 phosphates, 496, 502, 507
 silicates, 395, 422, 484,
etc.
 sulphates, 531, 534
 sulphide, 292, 301
 tantalate, 490
 titanate, 337
 tungstate, 539
 Manganoglanz, 292
 Mangangranat, *v.* Spessartite
 Manganhedenbergite, 389
 Manganite, 349
 Manganmagnetite, 340
 Manganocalcite, 356, 360

Manganocolumbite, 491
 Manganophyllite, 468
 Manganosiderite, 360
 Manganosite, 332
 Manganostibiite, 507
 Manganotantalite, 491
 Manganpectolite, 395
 Manganspath, 359
 Mangantantalite, 492
 Marble, 356
 Verd-antique, 477
 Marcasite, 302
 Marceline, 343, 396
 Margarite, 470
 Margarodite, 465
 Marialite, 426
 Marmatite, 291
 Marmolite, 477
 Marshite, 317
 Martinite, 510
 Martite, 336
 Mascagnite, 523
 Maskelynite, 380
 Masonite, 472
 Massicot, 332
 Masrite, 535
 Matildite, 308
 Matlockite, 322
 Mauzeliite, 516
 Maxite, 529
 Mazapilite, 514
 Meerscham, 480
 Meionite, 425
 Melaconite, 332
 Melanasphalt,
 Melanglanz, 314
 Melanite, 417
 Melanocerite, 407
 Melanophlogite, 328
 Melanotekite, 446
 Melanterite, 534
 Melilite, Mellilite, 426
 Melinophane, *v.* Meliphanite
 Meliphanite, 407
 Mellate of aluminium, 542
 Mellite, 542
 Melonite, 297
 Menaccanite, 336
 Mendipite, 322
 Mendozite, 535
 Meneghinite, 313
 Menilite, 329
 Mennige, 343
 Mercury, 279
 Horn, 317
 Native, 279
 Mercury antimonite, 516,
 chloride, 317
 selenides, 292
 sulphides, 292, 293
 sulpho-selenide, 292
 telluride, 292
 Mercury amalgam, 279
 Meroxene, 468

- Mesitite, Mesitine, 359
 Mesitinspath, 359
 Mesole, *v.* Thomsonite
 Mesolite, 462
 Mesotype, 462
 Messelite, 507
 Metabrushite, 510
 Metacinnabarite, 292
 Metastibnite, 284
 Metavoltine, 537
 Meteoric iron, 281
 Mexican onyx, 356
 Miargyrite, 308
 Mica Group, 463
 Mica, Iron, 467, 470
 Lime, 470
 Lithia, 467
 Magnesia, 467, 469
 Potash, 464
 Soda, 467
 Vanadium, 470
 Micaceous iron ore, 335
 Michel-lévyte, 525
 Microcline, 373
 Microcosmic salt, 510
 Microlite, 489
 Microsommitte, 411
 Micropertite, 373
 Microphyllite, 379
 Microplakite, 379
 Miersite, 319
 Miesite, 499
 Mikroklin, 373
 Milarite, 369
 Milky quartz, 326
 Millerite, 295
 Mimetene, Mimetesite, 500
 Mimetite, 500
 Mineral caoutchouc, 545
 Mineral coal, 545
 oil, 544
 pitch, 545
 resin, 543
 tallow, 543
 tar, *v.* Pittasphalt
 wax, 543
 Minium, 343
 Mirabilite, 531
 Misenite, 530
 Mispickel, 303
 Misy, 536
 Mixite, 515
 Mizzonite, 426
 Mocha stone, *v.* Moss agate
 Mock lead, 291
 Molybdänbleispath, 541
 Molybdänglanz, 285
 MOLYBDATES, 539
 Molybdenum sulphide, 285
 trioxide, 330
 Molybdenite, 285
 Molybdic ocher, 330
 Molybdite, 330
 Molybdomenite, 538
 Molysite, 321
 Monazite, 495
 Monetite, 507
 Monheimite, 360
 Monimolite, 496
 Monite, 507
 Monrolite, 434
 Montanite, 533
 Monticellite, 422
 Montmorillonite, 482
 Moonstone, 372, 377
 Mordenite, 453
 Morenosite, 533
 Morion, 326
 Moroxite, 498
 Mosandrite, 487
 Moss agate, 326
 Mottramite, 505
 Mountain cork, 401
 leather, 401
 soap, 482
 tallow, 543
 wood, 401
 Muller's glass, 329
 Mullicite, 508
 Mundic, *v.* Pyrite
 Murchisonite, 372
 Muscovite, 464
 Muscovy glass, 466
- N
- Nadeleisenerz, *v.* Göthite
 Nadelierz, *v.* Aikinite
 Nadelzeolith, 461
 Nadorite, 516
 Nagyagite, 305
 Nailhead spar, 355
 Nantokite, 317
 Napalite, 543
 Naphtha, 544
 NATIVE ELEMENTS, 271
 Natrium, *v.* Sodium
 Natroborocalcite, 520
 Natrolite, 461
 Natron, 366
 Natronmikroklin, 374
 Natronorthoklas, 372
 Natrophilite, 496
 Naumannite, 288
 Needle ironstone, 349
 Needle ore, *v.* Aikinite
 Needle zeolite, *v.* Natrolite,
 461
 Nematite, 351
 Neotocite, 396, 484
 Nepheline, 409
 Nephelite, 409
 Nephrite, 394, 401, 477
 Neptunite, 487
 Nesquehonite, 366
 Nevjanskite, 280
 Newberyite, 510
 Newtonite, 482

- Nicolite, 295
 Nickel antimonide, 296
 arsenates, 509
 carbonate, 295, 301, 304
 oxides, 332
 silicate, 479
 sulphantimonide, 302
 sulpharsenide, 302, 304
 sulphate, 533
 sulphides, 293, 295, 296
 telluride, 297
 Nickel telluride, 297
 Nickelantimonglanz, *v.* Ull-
 mannite
 Nickellarsenikglanz, *v.* Gers-
 dorffite
 Nickel-gymnite, 479
 Nickel-skutterudite, 303
 Nigrine, 345
 NIOBATES, 489
 Niter, Nitre, 517
 Niter, Soda, 577
 NITRATES, 517
 Nitrobarite, 517
 Nitrocalcite, 517
 Nitroglauberite, 517
 Nitromagnesite, 517
 Nivenite, 521
 Nocerite, 322
 Nontronite, 484
 Nordenskiöldine, 518
 Nordmarkite, 450
 Northupite, 364
 Nosean, Noseite, 413
 Noselite, 413
 Noumeite, 479
 Nugget, 277
 Nussierite, 499
- O
- Ocher, Brown, 350
 Red, 335
 Ochrolite, 516
 Octahedrite, 346
 Odontolite, 512
 Œil de chat, 326
 Cellacherite, 466
 Oil, Mineral, 544
 Oisanite, 439
 Okenite, 452
 Oldhamite, 292
 Oligist iron *v.* Hematite,
 461
 Oligoclase, 378
 Oligomite, 359
 Olivenerz, 504
 Olivine, 504
 Olivine, 420
 Omphacite, Omphazit, 389
 Oncosin, 465
 Onofrite, 292
 Onyx, 326
 Mexican, 356

- Onyx marble, 356
 Oölite, 356
 Opal, 329
 Opal jasper, 329
 Ophicalcite, 477
 Ophiolite, 477
 Ophite, 478
 Orangite, 430
 Oriental alabaster, 356
 amethyst, 333
 emerald, 333
 ruby, 333
 topaz, 333
 Orpiment, 282
 Orthite, 440
 Orthoclase, 370
 Orthose, *v.* Orthoclase
 Osmelite, 395
 Osmiridium, 280
 Osmium sulphide, 302
 Osteolite, 498
 Ottrelite, 471
 Ouvarovite, 417
 Owenite, 475
 OXALATES, 542
 Oxammite, 542
 OXIDES, 324
 OXYCHLORIDES, 322
 OXYFLUORIDES, 322
 OXSULPHIDES, 305
 Ozarkite, 462
 Ozocerite, Ozokerit, 543
- P
- Pachnolite, 323
 Pagodite, 466
 Paisbergite, 396
 Palladium, Native, 281
 Panabase, *v.* Tetrahedrite
 Pandermitte, 520
 Paposite, 536
 Paraffin, 543
 Paragonite, 467
 Paraluminite, 537
 Paramelaconite, 332
 Parasite, 519
 Pargasite, 402
 Parisite, 364
 Parophite, 466
 Parrot coal, 546
 Partschinite, Partschin, 419
 Pearceite, 315
 Pearl sinter, 329
 Pearl-spar, 357
 Peat, 546
 Pebble, Brazilian, 325
 Pechblende, Percherz, 521
 Peckhamite, 387
 Pectolite, 395
 Peganite, 512
 Pencil-stone, 482
 Penfieldite, 322
 Pennine, 474

- Penninite, 474
 Pentlandite, 293
 Peplolite, 408
 Percylite, 322
 Periclase, 331
 Periclase, Periklin, 377
 Peridot, 420
 Peristerite, 377
 Perthite, 373
 Perovskite, 487
 Perovskite, 487
 Perowskit, 487
 Petalite, 369
 Petrified wood, 327
 Petroleum, 544
 Petzite, 289
 Phacelite, Phacellite, 410
 Phacolite, 458
 Pharmacolite, 510
 Pharmacosiderite, 513
 Phenacite, Phenakit, 423
 Phengite, 466
 Philadelphiaite, 476
 Phillipite, 536
 Phillipsite, 455
 Phlogopite, 469
 Phoenicite, 529
 Phoenicochroite, 529
 Pholerite, 481
 Pholidolite, 481
 Phosgenite, 364
 PHOSPHATES,
 Phosphorite, 498
 Phosphorsalz, 510
 Phosphosiderite, 510
 Phosphuranylite, 515
 Photocite, 396
 Phyllite, 471
 Physalite, 432
 Picite, 513
 Pickeringite, 535
 Picotite, 338
 Picroepidote, 439
 Picrolite, Pikrolit, 477
 Picromerite, 535
 Picropharmacolite, 508
 Piedmontite, 440
 Pinakiolite, 518
 Pinguite, 484
 Pinite, 466, 408
 Pinnoite, 520
 Piotine, 480
 Pearceite, 366
 Pisanite, 534
 Pisolite, 356
 Pistacite, Pistazit, 438
 Pistomesite, 359
 Pitch, Mineral,
 Pitchblende, 521
 Pittasphalt, 544
 Pitticite, Pittizit, 516
 Plagioclase, 374
 Plagionite, 308
 Plasma, 326
 Plaster of Paris, 533
 Platina, Platine, 280
 Platiniridium, 280
 Platinum, Native, 280
 Platinum, arsenide, 302
 Plattnerite, 3-6
 Plenaryrite, 308
 Pleonaste, 338
 Plessite, 281
 Plumbago, 273
 Plumbogummite, 514
 Plombocalcite, 356
 Plumbostib, 309
 Polianite, 345
 Pollucite, Pollux, 382
 Polyadelphite, 417
 Polyargite, 466
 Polyargyrite, 315
 Polyarsenite, 502
 Polybasite, 314
 Polycrase, 493
 Polychroilite, 408
 Polydymite, 296
 Polyhalite, 535
 Polyolithonite, 467
 Polymignite, 493
 Polysphärite, 499
 Poonahite, *v.* Scolecite
 Porpezite, 276
 Posepnyte, 544
 Potash alum, 520
 Potassium borate, 520
 chloride, 318, 323
 nitrate, 517
 silicate, 370, 373, 381,
 464, etc.
 sulphate, 523
 Potstone, 479
 Powellite, 541
 Prase, 326
 Praseolite, 408
 Prehnite, 442
 Präbramite, 291
 Priceite, 520
 Prismatine, 451
 Prochlorite, 475
 Prolectite, 443
 Prosopite, 323
 Protobastite, 385
 Proustite, 311
 Prussian blue, Native, 508
 Przihamite, 291, 349
 Pseudobrookite, 343
 Pseudocampylite, 499
 Pseudoleucite, 382
 Pseudomalachite, 505
 Pseudophite, 474
 Pseudosteatite, 482
 Psilomelane, 352
 Psittacimite, 505
 Ptilolite, 453
 Pucherite, 496
 Pufferite, 457
 Punamu, 394

Purple copper ore, 297
 Puschkinite, 439
 Pycnite, 432
 Pyrargillite, 408
 Pyrrargyrite, 311
 Pyreneite, 417
 Pyrgom, 390
 Pyrite, 300
 Pyrites, Arsenical, *v.* Arsenopyrite, 303
 Capillary, 295, 303
 Cockscomb, 303
 Copper, 297
 Iron, 300, 302
 Magnetic, 296
 Radiated, 303
 Spear, 303
 Tin, 315
 White iron, 302
 Pyroaurite, 352
 Pyrochlore, 489
 Pyrochroite, 351
 Pyrolusite, 347
 Pyromorphite, 499
 Pyrope, 416
 Pyrophanite, 337
 Pyrophosphorite, 507
 Pyrophyllite, 482
 Pyrophyllite, 432
 Pyroretinite, 544
 Pyrosclerite, 476
 Pyrosmalite, 424
 Pyrostibite, 307
 Pyrostilpnite, 312
 Pyroxene, 387
 PYROXENE Group, 382
 Pyrrharsenite, Pyrrhoarsenite, 495
 Pyrrhite, 490
 Pyrrhotine, 296
 Pyrrhotite, 296

Q

Quartz, 324
 Quartzine, 328
 Quartzite, 327
 Quarz, 324
 Quecksilber, Gediogen, 279
 Quecksilberbrandlerz, 544
 Quecksilberhornerz, 317
 Quenstedtite, 535
 Quetenite, 538
 Quicksilver, 279

R

Rädelerz, 310
 Raimondite, 536
 Ralstonite, 323
 Ramirite, 505
 Rammelsbergite, 304
 Ranite, 463
 Raspite, 541

Rathite, 309
 Rauchquarz, *v.* Smoky Quartz, 326
 Raumite, 408
 Realgar, 282
 Red antimony, *v.* Kermesite
 chalk, 335
 copper ore, 331
 hematite, 334
 iron ore, 335
 lead ore, 529
 ocher, 335
 silver ore, 311
 zinc ore, 332
 Reddingite, 508
 Reddle, 335
 Redingtonite, 537
 Redruthite, 290
 Reinite, 542
 Reissite, 454
 Remingtonite, 367
 Rensselaerite, 479
 Resin, Mineral, 543
 Highgate,
 Retinalite, 477
 Retinite, 543
 Retzbanyite, 307
 Retzian, 507
 Rezbanyite, 307
 Rhabdophane, 509
 Rhabdophanite, 509
 Rhätizite, 434
 Rhagite, 515
 Rhodalose, *v.* Bieberite
 Rhodizite, 519
 Rhodochrome, 474
 Rhodochrosite, 359
 Rhodolite, 416
 Rhodonite, 395
 Rhodophyllite, 474
 Rhodotilite, 452
 Rhyacolite, 372
 Riband jasper, 327
 Richellite, 514
 Richterite, 401
 Riebeckite, 404
 Rinkite, 487
 Ripidolite, 473, 475
 Rittingerite, 312
 Rock crystal, 325
 meal, 356
 milk, 356
 salt, 318
 Roebingite, 408
 Roemerite, 536
 Roepperite, 422
 Romanzovite, 418
 Romeite, Romeine, 516
 Römerite, 536
 Roscoelite, 470
 Rose quartz, 326
 Roselite, 507
 Rosenbuschite, 395
 Rosite, 466

Rothbleierz, 529
 Rotheisenerz, Rotheisenstein, 335
 Rothgültigerz, 311
 Rothkupfererz, 313
 Rothnickelkies, 295
 Rothoffite, 417
 Rothspießglanzerz, 305
 Rothzinkerz, 332
 Rowlandite, 437
 Rubellite, 448
 Rubicelle, 338
 Rubin, 338
 Ruby, Almandine, 338
 Balas, 338
 Oriental, 333
 Spinel, 338
 Ruby blende, 291
 Ruby copper, 313
 Ruby silver, 311
 Ruby spinel, 338
 Ruby zinc, 291
 Ruin marble, 356
 Rumanite, 543
 Rumpite, 476
 Ruthenium sulphide, 302
 Rutile, 345

S

Safflorite, 304
 Sagenite, 326, 345
 Sahlite, 389
 Sal Ammoniac, 319
 Salite, 389
 Salmiak, 319
 Salmite, 472
 Salt, Rock, 318
 Saltpeter, *v.* Niter
 Salvadorite, 534
 Samarskite, 492
 Sammetblende, 349
 Sandbergerite, 313
 Sanguinite, 312
 Sanidine, 372
 Saphir d'eau, 408
 Saponite, 480
 Sapphire, 333
 Sapphirine, 451
 Sarcolite, 426
 Sard, 326
 Sardonyx, 327
 Sarkinite, 502
 Sartorite, 308
 Sassolite, Sassolin, 352
 Satin spar, 355, 532
 Saualpate, 438
 Saussurite, 438
 Scacchite, 321
 Scapolite, Common, 425
 SCAPOLITE Group, 424
 Schalenblende, 291
 Schapbachite, 309
 Schaumerde, 355

Schaumspath, 355
 Scheelbleispath, *v.* Stolzite
 Scheelite, 540
 Scheelspath, *v.* Scheelite
 Scheererite, 543
 Schefferite, 389
 Schiller-spar, Schillerspath, 386
 Schirmerite, 308
 Schlangenalabaster, 528
 Schmirgel, 333
 Schneiderite, 457
 Schoenite, 535
 Schönite, 535
 Schorlomite, 419
 Schorza, 439
 Schreibersite, 281
 Schrifterz, Schrifttellur, 304
 Schrötterite, 483
 Schungite, 273
 Schuppenstein, 467
 Schwartzembergite, 322
 Schwatzite, 313
 Schwefel *v.* Sulphur, 273
 Schwefelkies, 300
 Schwefelquecksilber, 293
 Schwerbleierz *v.* Plattnerite
 Schwerspath, 524
 Scleroclase, 308
 Scolecite, Scolezite, 462
 Scorodite, 509
 Scorza, 439
 Scovillite, 509
 Seebachite, 458
 SELENIDES, 288, 289
 Selenite, 532
 SELENITES, 538
 Selenium, 271
 Selenquecksilber, 292
 Selensulphur, 274
 Selenwismuthglanz, 284
 Sellaite, 321
 Séméline, 486
 Siderite, 329
 Semseyite, 309
 Senarmontite, 330
 Sepiolite, 480
 Sericite, 465
 Serpentine, 476
 Serpierite, 536
 Seybertite, 471
 Shepardite, 382
 Shell marble, 356
 Siberite, 448
 Siderite, 359
 Sideronatrite, 537
 Siderophyllite, 468
 Siegenite, 297
 Silber, *v.* Silver, 278
 Silberamalgam, 279
 Silberglanz, 288
 Silberhornerz, 319
 Silix, Silica, 324
 SILICATES, 368

Siliceous sinter, 329
 Silicified wood, 327
 Silicon oxide, 324, 328, 329
 Sillimanite, 433
 Silver, Native, 278
 Silver antimonide, 286
 arsenide, 286
 bismuthide, 286
 bromide, 319
 chlorides, 319
 iodide, 319
 selenide, 288
 sulphantimonites, 308, 311
 sulpharsenite, 311
 sulphide, 288, 290
 sulpho-bismuthite, 308
 sulpho-germanate, 316
 telluride, 286, 289, 305
 Silver glance, 288
 Simetite, 543
 Simonyite, 535
 Sinter, Siliceous, 329
 Sipylite, 490
 Siserskite, 280
 Sismondine, Sismondite, 472
 Sisserskite, 280
 Skapolith, 425
 Skleroklas, 308
 Skogbölite, 492
 Skutterudite, 302
 Smaltite, Smaltine, 301
 Smaragd, *v.* Emerald
 Smaragdite, 401
 Smectite, 482
 Smegmatite, 482
 Smirgel, 333
 Smithsonite, 360; 446
 Smoky quartz, 326
 Soapstone, 479
 Soda alum, 535
 Soda microcline, 373
 Soda niter, 517
 Soda orthoclase, 372
 Sodalite, 412
 Sodium borate, 520
 carbonate, 366, 367
 chloride, 318
 fluoride, 321, *etc.*
 nitrate, 417
 phosphate, 496, *etc.*
 silicate, 412, 460, 461
 sulphate, 523; hydrous,
 531, *etc.*
 Sonnenstein, *v.* Sunstone, 378
 Spadaite, 480
 Spangolite, 530
 Spargelstein, *v.* Asparagus
 stone
 Spathic iron, 359
 Spatheisenstein, *v.* Siderite
 Spear pyrites, 303
 Speckstein, 479
 Silix, Silica, 324
 Speerkiess, 303

Speiskobalt, 301
 Spessartine, Spessartite, 417
 Sperryllite, 302
 Sphærite, 513
 Sphærocobaltite, 361
 Sphalerite, 291
 Sphene, 485
 Spiauterite, *v.* Wurtzite, 295
 Spinel, 338
 Spinel ruby, 338
 Spinhère, 486
 Spodiosite, 502
 Spodumene, 393
 Spreustein, 461
 Sprödglanzerz, 314
 Sprödglasserz, 314
 Sprödglimmer, 470
 Sprudelstein, 361
 Staffelite, 499
 Stalactite, 356
 Stalagmite, 356
 Stannite, Stannine, 315
 Stassfurtite, 519
 Star-quartz, 326
 sapphire, 333
 Stauroilite, 450
 Staurotide, 450
 Steatite, 479
 Steenstrupine, 407
 Steinheilite, 408
 Steinkohle, 546
 Steinmannite, 288
 Steinmark, *v.* Lithomarge, 481
 Steinöl, 544
 Steinsalz, 318
 Stephanite, 314
 Stercorite, 510
 Sternbergite, 290
 Stibiconite, 330
 Stibnite, 283
 Stilbite, 456; 454
 Stilpnomelane, 476
 Stolpenite, 482
 Stolzite, 541
 Strahlerz, *v.* Clinoclasite
 Strahlkies, 303
 Strahlstein, 400
 Stratopeite, 396
 Stream tin, 344
 Strengite, 510
 Strigovite, 476
 Stromeyerite, 290
 Strontianite, 362
 Strontianocalcite, 356
 Strontium carbonate, 362
 silicate, 454
 sulphate, 526
 Struvite, 507
 Stützite, 286
 Stylotypite, 310
 Succinic acid, 543
 Succinite, 543; 416
 Sulforbite, 521
 SULPHANTIMONITES, 315

SULPHANTIMONITES, 306
 SULPHARSENATES, 315
 SULPHARSENITES, 306
 SULPHATES, 523
 SULPHIDES, 282
 SULPHOBISMUTHITES, 306
 Sulphohalite, 530
 SULPHOSTANNATES, 315
 Sulphur, 273
 Sundtite, 308
 Sunstone, 378
 Susannite, 529
 Sussexite, 518
 Svanbergite, 516
 Sychnodymite, 296
 Sylvanite, 304
 Sylvite. Sylvine, 318
 Synplesite, 508
 Synadelphite, 506
 Syngenite, 534
 Syntagmatite, 400
 Szaboite, 386
 Szaibelyite, 518
 Szmikite, 531

T

Tabasheer, 1
 Tabular spar, 394
 Tachydrate, 323
 Tachydrate, Tachydrate,
 323
 Tænite, 281
 Tafelspath, 394
 Tagilite, 511
 Talc, 479
 Talkeisenerz, 340
 Talktriplite, 502
 Tallingite, 323
 Tallow, Mineral, 543
 TANTALATES, 489
 Tantalite, 490
 Tapalpite, 310
 Tapiolite, 492
 Tarnowitzite, 361
 Tasmanite, 544
 Tavistockite, 506
 Taylorite, 523
 Tellur, 275
 TELLURATES, 538
 Tellurbismuth, 284
 Tellurblei, v. Altaite, 288
 Telluric wismuth, 284
 TELLURIDES, 288 *et seq.*
 Tellurite, 330
 TELLURITES, 538
 Tellurium, 275
 Tellurium oxide, 330
 Tellurnickel, 297
 Tellursilber, v. Hessite, 289
 Tellurwismuth, 284
 Tengerite, 367
 Tennantite, 313

Tenorite, 332
 Tephroite, 422
 Teschemacherite, 364
 Tesseralkies, v. Skutterudite,
 302
 Tetradymite, 284
 Tetrahedrite, 312
 Thallite, 439
 Thallium selenide, 289
 Thaumassite, 483
 Thenardite, 523
 Thermonatrite, 366
 Thermophyllite, 478
 Thinolite, 357
 Thiorsauite, 380
 Thomsenolite, 323
 Thomsonite, 462
 Thonerde, v. Aluminium
 Thorite, 430
 Thorium silicate, 430, 437
 Thorogummite, 522
 Thulite, 438
 Thuringite, 475
 Tiemannite, 292
 Tiger-eye, 326, 404
 Tilasite, 502
 Tile ore, 331
 Tilkerodite, 288
 Tin, Native, 280
 Tin borate, 518
 Tin oxide, 344
 Tin sulphide, 315
 Tin ore, Tin stone, 344
 Tin pyrites, 315
 Tincal, 520
 Tinkal, 520
 Tirolite, 511
 TITANATES, 485
 Titaneisen, 336
 Titanic iron ore, 336
 Titanite, 485
 Titanium oxide, 345, 346, 347
 Titanomorphite, 486
 Topaz, 431
 False, 326
 Oriental, 333
 Topazolite, 417
 Torbanite, 546
 Torbernite, 515
 Touchstone, 327
 Tourmaline, 447
 Traversellite, 339
 Travertine, 356
 Tremolite, 400
 Trichalcite, 508
 Tridymite, 328
 Trimerite, 424
 Triphane, 393
 Triphylite, 496
 Triphylite, 496
 Triplite, 502
 Triplidite, 502
 Tripolite, 329
 Trippkeite, 516

Tripulhyte, 516
 Tritochorite, 505
 Tritomite, 407
 Trögerite, 515
 Troilite, 293
 Trolleite, 513
 Trona, 367
 Troostite, 423
 Tscheffkinite, Tschewkinite,
 487
 Tschermigite, 535
 Tufa, Calcareous, 356
 Tungsten trioxide, 330
 Tungstite, 330
 Turgite, 350
 Türkis, 512
 Turmalin, 447
 Turnerite, 495
 Turquoise, Turquoise, 512
 Tyrite, 490
 Tyrolite, 511
 Tysonite, 321

U

Uintahite, Uintaite, 545
 Ulexite, 520
 Ullmannite, 302
 Ultramarine, 413
 Umangite, 289
 Unionite, 438
 Uraconise, Uraconite, 538
 Uralite, 401
 URANATES, 521
 Uraninite, 521
 Uranite, 515
 Uranium arsenate, 515
 carbonates, 367
 niobates, 492, 493
 phosphates, 515
 silicates, 483
 sulphate, 538
 Uranmica, 515
 Uranocircite, 515
 Uranoniobite, 521
 Uraoophane, 483
 Uranopillite, 538
 Uranosphærite, 522
 Uranospinite, 515
 Uranothallite, 367
 Uranotil, 483
 Uranpecherz, 521
 Urao, 367
 Urbanite, 389
 Urpethite, 543
 Urusite, 537
 Utahite, 536
 Uvarovite, Uwarowit, 417

V

Vaalite, 476
 Valencianite, 372
 Valentinite, 330

Vanadinbleierz, v. Vanadinite
 Vanadinite, 500
 Vanadium silicate, 470
 Variegated copper ore, 297
 Variscite, 510
 Vauquelinite, 529
 Velvet copper ore, v. Lett-
 somite
 Venus-hairstone, 345
 Verd-antique, 477
 VERMICULITES, 476
 Vermilion, v. Cinnabar
 Vesuvianite, 427
 Veszelyite, 511
 Viluite, 428
 Violan, 389
 Vitreous copper, v. Chalcocite
 silver, v. Argentite
 Vitriol, Blue, *etc.*
 Vitriolbleierz, 527
 Vivianite, 508
 Voglianite, 538
 Voglite, 367
 Volborthite, 511
 Voltaite, 537
 Voltzite, Voltzine, 305
 Vulpinite, 528

W

Wad, 352
 Wagnerite, 502
 Walkerite, 395
 Walpurgite, 515
 Waluewite, 471
 Wapplerite, 510
 Wardite, 512
 Warringtonite, 530
 Warrenite, 308
 Warringtonite, 530
 Warwickite, 519
 Washingtonite, 337
 Wassersapfir, v. Iolite
 Wavellite, 512
 Webnerite, 308
 Websterite, 537
 Wehrlite, 285
 Weissbleierz, 363
 Weissgültigerz, 313
 Wellsite, 455
 Wernerite, 425
 Wheel ore, 310
 Whewellite, 542
 White antimony, 330

White arsenic, 330
 garnet, v. Leucite
 iron pyrites, 302
 lead ore, 363
 Whitneyite, 286
 Willemite, 422
 Wilyamite, 302
 Wilsonite, 466
 Wiluite, 428
 Wiserine, 347
 Wismuth, v. Bismuth
 Wismuthantimonnickel-
 glanz, 302
 Wismuthblende, 414
 Wismuthglang, 284
 Wismuthspath, 367
 Withamite, 439
 Witherite, 362
 Wittichenite, 310
 Wocheinite, 351
 Wöhlerite, 395
 Wolfachite, 304
 Wolfram, 539
 Wolframite, 539
 Wolfsbergite, 308
 Wollastonite, 394
 Wolyn, 525
 Wood, Fossil, Petrified, 327
 Wood copper, 504
 Wood opal, 329
 Wood tin, 344
 Wörthite, 434
 Wulfenite, 541
 Würfelerz, v. Pharmacosider-
 ite
 Wurtzite, 295

X

Xantharsenite, 505
 Xanthoconite, 315
 Xanthophyllite, 471
 Xanthosiderite, 350
 Xenolite, 434
 Xenotime, 494

Y

Yellow copper ore, 297
 lead ore, 541
 Yenite, 445
 Yttergranat, 417
 Yttrialite, 437
 Yttrium carbonate, 367

Yttrium niobates, 490, *etc.*
 phosphates, 494, 509
 silicates, 437
 Yttrocrite, 323
 Yttrocolumbite, v. Yttritan-
 talite, 492
 Yttrogummite, 522
 Yttritanalite, 492

Z

Zaratite, 367
 ZEOLITES, 453
 Zepharovichite, 510
 Zeunerite, 515
 Zeigelerz, 331
 Zietrisikite, 543
 Zinc, Native, 275
 Red Oxide of, 332
 Zinc aluminate, 339
 arsenates, 505, 509
 carbonates, 360
 oxide, 332, 339
 oxysulphide, 305
 phosphate, 507
 silicates, 422, 446, 447
 sulphates, 528, 533
 sulphides, 291, 295
 vanadate, 505
 Zinc blende, 291
 Zinc ore, Red, 332
 Zincaluminite, 538
 Zincite, 332
 Zinckenite, 307
 Zincocalcite, 356
 Zinkblende, 291
 Zinkenite, 307
 Zinkosite, 528
 Zinkspath, 360
 Zinnerz, 344
 Zinnkies, 315
 Zinnober, 293
 Zinnstein, 344
 Zinnwaldite, 467
 Zippeite, 538
 Zircon, 429
 Zirconium dioxide, 346
 silicate, 429, 395
 Zirkelite, 346
 Zoisite, 437
 Zorgite, 289
 Zunyite, 414
 Zwieselite, 502

