R0 = illite-smectite mixed-layer, CCM 34, 125 (1986).
R1 = rectorite, CCM 34, 125 (1986).
R2 = illite-illite-smectite regular mixed-layer, CCM 34, 125 (1986).
R3 = tarasovite, CCM 34, 125 (1986).
Rabbit Ears = large blue-cap elbaite, MR 33, 379 (2002).
rabbitite = rabbittite, AM 39, 1037 (1954).
Rabdionit = Fe-Mn-Cu-Co-O-H (goethite + pyrolusite ?), Chester 226 (1896).
rabdit = schreibersite, László 229 (1995).
rabdofana = rhabdophane, Novitzky 269 (1951).
rabdofánit = rhabdophane, László 229 (1995).
rabdolite = marialite or meionite, Bukanov 95 (2006).
rabdophane = rhabdophane-(La), Dana 6th, 820 (1892).
Rabdophanit = rhabdophane, Doelter III.1, 565 (1914).
rabdopissite = bitumen, MM 27, 274 (1946).
rabdopisszit = bitumen, László 229 (1995).
Rabenglimmer = siderophyllite, Dana 6th, 626 (1892).
rabri = halloysite-10Å ± goethite, de Fourestier 297 (1999).
rabszolgagyémánt = colorless topaz, László 96 (1995).
racewinite = allophane + calcite ?, AM 27, 814 (1942).
racklidgeite = rucklidgeite, Clark 583 (1993).
racklidgite = rucklidgeite, MM 43, 1066 (1980).
Radanit = Na-K-rich anorthite, Chester 226 (1896).
Radauit = Na-K-rich anorthite, Dana 6th, 334 (1892).
raddle = red fine-grained hematite ± clay, Egleston 151 (1892).
Rädelerz = twinned bournonite, Dana 6th, 126 (1892).
Radelerz = twinned bournonite, Dana 7th I, 406 (1944).
Rädererz = twinned bournonite, Papp 88 (2004).
radial zinc blende = wurtzite, Bukanov 216 (2006).
radiant bismuth = aikinite, Pekov 21 (1998).
radiant schorl = rutile, Bukanov 211 (2006).
radiant talc = pyrophyllite, Pekov 172 (1998).
radiated acicular olivenite = clinoclase, Egleston 87 (1892).
radiated barytes = baryte, Egleston 40 (1892).
radiated blende = sphalerite, Egleston 322 (1892).
radiated natron = trona, Egleston 352 (1892).
radiated pyrites = marcasite or pyrite, Dana 6th, 94 (1892).
radiated quartz = transparent quartz, Egleston 281 (1892).
radiated-stone = actinolite, Aballain *et al*. 294 (1968).
radiated zeolite = stilbite, Dana 6th, 583 (1892).
Radiatenkalk = calcite, Tschermak 438 (1894).
radie = marcasite, Dana 6th, 94 (1892).
Radient = colorless gem spinel (Mg,Al)Al2O4, Read 186 (1988).
radioanhydrite = radioactive gypsum, Bukanov 285 (2006).
radiobarite = radioactive Pb-rich baryte, USGSB 1250, 52 (1967).
Radiobaryt = radioactive Pb-rich baryte, MM 14, 408 (1907).
radiofilita = zeophyllite, Novitzky 260 (1951).
radiofillit = zeophyllite, László 229 (1995).
radiofluorite = radioactive fluorite, Horváth 282 (2003).
radiolarien earth = opal-*CT*, Thrush 1011 (1968).
Radiolarien-Mergel = opal-*CT*, Hintze I.2, 1510 (1906).
Radiolith = natrolite, Dana 6th, 600 (1892).
radio opal = opal-*CT* + organic, Thrush 891 (1968).
Radiophyllit = zeophyllite, AM 44, 470 (1959).

Radiotin = serpentine, MM 14, 408 (1907).
radium diamond = dark-grey Al+H±Li-rich quartz, Read 186 (1988).
radiumite = uraninite + becquerelite + fourmarierite + others, Thrush 892 (1968).
radkeite = radtkeite, Strunz & Nickel 835 (2001).
Rädlerz = twinned bournonite, Dana 7th I, 406 (1944).
radlerz = twinned bournonite, Egleston 55 (1892).
raetizite = kyanite, de Fourestier 297 (1999).
raewolfeite = wroewolfeite, MM 43, 1066 (1980).
raf = amber, Chudoba RI, 54 (1939); [I.4,1383].
Rafaëlit (Arzruni) = paralaurionite, MM 12, 183 (1899).
rafaelita (Windhausen & Vignau) = V-rich bitumen, AM 15, 203 (1930).
rafanozmit = clausthalite + umangite + tiemannite ± chalcomenite, László 229 (1995).
rafilit = tremolite, László 229 (1995).
rafisiderite = hematite, Dana 6th, 217 (1892).
rafisziderit = hematite, László 229 (1995).
rafit = ulexite, László 229 (1995).
rafl = amber, Bukanov 345 (2006).
ragged ore = mimetite, Bukanov 236 (2006).
raggioni = calcite pseudomorph after aragonite, de Fourestier 297 (1999).
Raginit = raguinite, Chudoba EIV, 77 (1974).
ragit = atelestite, László 229 (1995).
ragoulki = calcite pseudomorph after ikaite, Des Cloizeaux II, 119 (1893).
Rahmenquarz = quartz, Kipfer 131 (1974).
rahtite = Cu-Fe-rich sphalerite, Dana 6th, 59 (1892).
râhuratna = zircon, Bukanov 97 (2006).
railway diamond = translucent quartz, Bukanov 392 (2006).
Raimondit = hydroniumjarosite, Dana 7th II, 567 (1951).
rainbow-agate = banded quartz-mogánite mixed-layer, AM 12, 393 (1927).
rainbow chalcedony = banded quartz-mogánite mixed-layer, AM 12, 392 (1927).
Rainbow Diamond = synthetic gem rutile, Nassau 213 (1980).
Rainbow Gem = synthetic gem rutile, Read 186 (1988).
rainbow garnet = multi-colored andradite, LAP 30(10), 7 (2005).
rainbow jade = jadeite + pumpellyite, MAC short course 37, 214 (2007).
Rainbow Lattice Sunstone = orthoclase + hematite, O'Donoghue 250 (2006).
Rainbow Magic Diamond = synthetic gem rutile, Read 186 (1988).
rainbow moonstone = Na-rich anorthite, O'Donoghue 273 (2006).
rainbow obsidian = glass (tektite), JMPS 96, 121 (2001).
rainbow opal = gem opal-*A*, Bukanov 151 (2006).
rainbow quartz = quartz + gas inclusion, AM 12, 390 (1927).
rainbow stone (Cornejo & Bartorelli) = tourmaline, Cornejo & Bartorelli 493 (2010).
rainbow stone (?) = Na-rich anorthite, Bukanov 282 (2006).
rain stone = transparent quartz, AM 12, 386 (1927).
rain tin = cassiterite, Egleston 69 (1892).
rainy agate = banded opal-*CT* + quartz-mogánite mixed-layer, Bukanov 137 (2006).
Raiseneistein = goethite, de Fourestier 298 (1999).
Raitelerz = twinned bournonite, Papp 88 (2004).
rajnaigyémánt = transparent quartz, László 95 (1995).
rajnaikova = transparent quartz, László 145 (1995).

Ralstonitähnliche Mineralien = unknown, Doelter IV.3, 331 (1930).
ramai = halloysite-10Å ± goethite, de Fourestier 298 (1999).
ramarita = Cu-rich descloizite, Chester 227 (1896).
ramauite = rameauite, Chudoba EIV, 1 (1974).
ramdohrite = fizélyite ?, EJM 20, 7 (2008).
rame = copper, Hintze I.1, 199 (1898).
rame carbonato azzurro = azurite, Dana 6th, 295 (1892).
rame carbonato verde = malachite, Dana 6th, 294 (1892).
rame foliaceo = tenorite, Hintze I.2, 1922 (1910).
rame giallo = chalcopyrite, Dana 6th, 80 (1892).
rame nativo = copper, Dana 6th, 20 (1892).
rame ossidato foliaceo, nero, nelle scorie del 1822 = tenorite, Hintze I.2, 1922 (1910).
rame vetroso = chalcocite, Dana 6th, 55 (1892).
raminit = Cu-rich descloizite, Goldschmidt IX text, 188 (1923).
ramirite = Cu-rich descloizite, Dana 6th, 789 (1892).
ramisite = Cu-rich descloizite, Chester 227 (1896).
ramlyite = unknown, IMA 2005-038.
Rammelsbergit (Haidinger) = nickelskutterudite, Dana 6th, 88 (1892).
Ramoit = rameauite, Chudoba EIV, 78 (1974).
Ramona tourmaline = elbaite, Bukanov 84 (2006).
ramos de flores = cerussite, Linck I.3, 3083 (1926).
ramosite = volcanic scoria (lava), Dana 6th II, 87 (1909).
ramsayite = lorenzenite, AM 32, 59 (1947).
ramsdellite (Kolotyrkin *et al.*) = synthetic $Li_2Ti_3O_7$, MM 46, 525 (1982).
ramshorn = long twisted gypsum, Kipfer 191 (1974).
ramuy = halloysite-10Å ± goethite, de Fourestier 298 (1999).
ramzaite = lorenzenite, English 191 (1939).
Rancieit = ranciéite, Weiss 217 (2008); MR 39, 134 (2008).
ranciérite = ranciéite, Dana 7th I, 572 (1944).
rancierite argentine = ranciéite, Egleston 150 (1892).
rancierite métalloïde = ranciéite, Egleston 150 (1892).
Rancilit = ranciéite, Chudoba RII, 21 (1971).
randanite = opal-*CT*, Chester 227 (1896).
randannite = opal-*CT*, Dana 6th, 196 (1892).
randite = calcite + kaolinite + uranophane-ß + tyuyamunite, AM 35, 245 (1950).
randomite = nordstrandite, MM 31, 970 (1958).
randophane = rhabdophane, Kipfer 191 (1974).
Randsdiamant = diamond simulate, Kipfer 81 (1974).
Rangoon tar = hydrocarbon, Egleston 245 (1892).
Ranit = gonnardite, MM 52, 207 (1988).
ranocchiaia = banded serpentine + calcite or dolomite, de Fourestier 298 (1999).
ranquilite = haiweeite, CM 44, 1560 (2006).
Ransätit = spessartine + quartz + pyroxene + hematite, Doelter IV.3, 1051 (1931).
ransatite = spessartine + quartz + pyroxene + hematite, Aballain *et al.* 295 (1968).
ranunkuliet = ranunculite, Council for Geoscience 776 (1996).
raphaelita (Windhausen & Vignau) = V-rich bitumen, English 192 (1939).
raphaélite (Arzruni) = paralaurionite, Lacroix 127 (1931).
Raphanosmit = clausthalite + umangite + tiemannite ± chalcomenite, Clark 586 (1993).

raphilite = tremolite, AM 63, 1051 (1978).
raphilithe = tremolite, Egleston 12 (1892).
Raphillit = tremolite, Chudoba RI, 54 (1939).
raphisiderite = hematite, AM 53, 1066 (1968).
raphite = ulexite, MM 11, 334 (1897).
raphyllite = tremolite, Horváth 283 (2003).
Rapidolith = marialite or meionite, Dana 6th, 468 (1892).
Raquinit = raguinite, Ramdohr 601 (1975).
rare earth calcium aluminum iron silicate hydroxide = allanite, Kipfer 191 (1974).
rare earth calcium carbonate fluoride = parisite, Kipfer 191 (1974).
rare earth (Ce group) phosphate = monazite-(Ce), Kipfer 191 (1974).
rardionite = Fe-Mn-Cu-Co-O-H (goethite + pyrolusite ?), MM 1, 89 (1877).
rarorita = kernite, Novitzky 177 (1951).
Raseneisenerz = goethite ± ferrihydrite ± siderite ± vivianite, Dana 6th, 251 (1892).
Raseneisenstein = goethite ± ferrihydrite ± siderite ± vivianite, Dana 6th, 250 (1892).
Rasenerz = goethite ± ferrihydrite, Hintze I.2, 2011 (1910).
Rasenläufer = goethite ± ferrihydrite, Doelter III.2, 681 (1925).
rasennite (IMA 1999-044) = $Pb_{17}[(AlSi_7)O_{22}](SO_4)(OH)_{19}$, PM 64, 309 (1995).
Rasentorf = lignite (low-grade coal), Doelter IV.3, 513 (1930).
rashleighite = Fe^{3+}-rich turquoise, MM 28, 353 (1948).
rashleigite = Fe^{3+}-rich turquoise, AM 33, 786 (1948).
Rasorite = kernite, MM 22, 627 (1931).
rasoulite = hectorite, Clark 586 (1993).
raspberry beryl = pezzottaite, GG 39, 284 (2003).
raspberry garnet = red grossular, O'Donoghue 211 (2006).
raspberry rhodolite = gem red Fe^{2+}-rich pyrope, O'Donoghue 225 (2006).
raspberry schorl = red elbaite, Bukanov 84 (2006).
raspberry spar = rhodochrosite, Read 187 (1988).
raspberyl = pezzottaite, GG 39, 50 (2003).
rassoulite = hectorite, MM 32, 977 (1961).
rastolyte = hydrobiotite, Dana 6th, 632 (1892).
Rastolyth = hydrobiotite, Chudoba RII, 107 (1971).
rastsvtaevite = rastsvetaevite, Back & Mandarino 195 (2008).
rasvoemiet = rasvumite, Council for Geoscience 776 (1996).
rasvunite = rasvumite, Back & Mandarino 195 (2008).
Raswumit = rasvumite, Chudoba EIV, 78 (1974).
raszpit = raspite, László 314 (1995).
rasztolit = hydrobiotite, László 230 (1995).
raszvumit = rasvumite, László 230 (1995).
ratebane = orpiment, Novitzky 261 (1951).
rathite-α = rathite, CM 44, 1560 (2006).
rathite-I (Le Bihan) = dufrénoysite, Clark 587 (1993).
rathite-I (Nowacki & Bahezre) = rathite, MM 32, 977 (1961).
rathite-1a = dufrénoysite, CM 44, 1560 (2006).
rathite-II = liveingite, CM 44, 1560 (2006).
rathite-III = erroneously determined structure, CM 44, 1560 (2006).
rathite-IV (Nowacki) = sartorite, CM 44, 1560 (2006).
rathite-IV (questionable) = rathite-V, CM 44, 1560 (2006).
rathite-V = rathite-IV, CM 44, 1560 (2006).
rathizite = kyanite, de Fourestier 298 (1999).
rathoffite = Mn-Al-rich andradite, Chester 228 (1896).

ratholite = pectolite, Dana 6th, 373 (1892).
ratiet = rathite, Council for Geoscience 776 (1996).
Ratitan = kaolinite ?, Robertson 27 (1954).
ratnanâyaka = red gem Cr-rich corundum, Bukanov 48 (2006).
ratnaraj = red gem Cr-rich corundum, Bukanov 48 (2006).
ratoffkite = green fluorite, Egleston 129 (1892).
Ratofkit = green fluorite, Dana 6th, 162 (1892).
ratovkite = green fluorite, Dana 6th, 162 (1892).
Ratowkit = green fluorite, Doelter IV.3, 269 (1930).
Rått Kopparglas = cuprite, Clark 370 (1993).
raubite = rauvite, MM 20, 464 (1925).
raucaraka = actinolite or tremolite or jadeite, Bukanov 256 (2006).
Rauchgelb = orpiment, Egleston 241 (1892).
Rauchgelbkies = arsenopyrite, Egleston 33 (1892).
Rauchkalk = dolomite, MM 1, 89 (1877).
Rauchopal = red Fe-rich opal-*CT*, Haditsch & Maus 176 (1974).
Rauch-Quarz = brown Al+H±Li-rich quartz, Dana 6th, 187 (1892).
Rauch-Sanidin = transparent sanidine, Chudoba EIV, 78 (1974).
Rauchtopas = dark-grey gem Al+H±Li-rich quartz, Hintze I.2, 1325 (1904).
Rauchwacke = calcite, Egleston 62 (1892).
Rauhkalk = dolomite, Dana 6th, 271 (1892).
Rauhwacke = dolomite, Kipfer 132 (1974).
Rauit = gonnardite, Dana 6th, 609 (1892).
Raumit = mica pseudomorph after cordierite, Dana 6th, 421 (1892).
raumonite = Au-?, Clark 587 (1993).
Räuschgäl = realgar, Hintze I.1, 352 (1899).
Rauschgeel = orpiment, Haditsch & Maus 176 (1974).
Rauschgeelkies = arsenopyrite, Haditsch & Maus 176 (1974).
Rauschgelb = realgar or orpiment, Dana 6th; 33, 35 (1892).
Rauschgelbkies = arsenopyrite, Hintze I.1, 836 (1901).
Rauschrot = realgar, Dana 7th I, 255 (1944).
Raute = diamond cut, Hintze I.1, 15 (1898).
Rautenspat = dolomite, Doelter I, 360 (1911).
Rautenspath = dolomite or calcite, Clark 587 (1993).
Rautenstein = diamond, Haditsch & Maus 176 (1974).
rauuite = cordierite, de Fourestier 299 (1999).
rauvite (questionable) = $Ca(UO_2)_2V_{10}O_{28}\cdot 16H_2O$, PDF 8-288.
rav = amber, Chudoba RI, 54 (1939); [I.4,1383].
ravdionite = Cu-Fe-rich asbolane, Hey 88 (1963).
raven mica = polylithionite or Li-rich annite or Li-rich siderophyllite, CM 36, 910 (1998).
rayerita = gyrolite, de Fourestier 299 (1999).
raygrantite-(Ce) (IMA 1989-020) = Ce-rich vesuvianite, AM 72, 625 (1987).
raymondita = copiapite ?, Domeyko II, 156 (1897).
rayonnante = tremolite, Egleston 12 (1892).
rayonnante en gouttière = titanite, Egleston 287 (1892).
rayonnante vitreuse = epidote, Egleston 116 (1892).
ray stone = actinolite, Schumann 204 (1997).
razor stone = quartz (sandstone), Bates & Jackson 552 (1987).
Razoumaffskin = allophane, Clark 587 (1993).
Razoumoffskin = allophane, Dana 6th, 691 (1892).
Razoumoffskyn = allophane, Haditsch & Maus 176 (1974).
razoumofskite = allophane, AM 2, 138 (1917).
Razoumovskyn = allophane, Dana 6th, 691 (1892).

razoumowskine = allophane, Lacroix 127 (1931).
Razoumowskyn = allophane, Strunz 569 (1970).
Razumoffskin = allophane, Tschermak 527 (1894).
Razumoffskyn = allophane, Doelter IV.3, 1156 (1931); [II.2,42].
Razumovskyn = allophane, Clark 588 (1993).
razumovszkin = allophane, László 230 (1995).
Razzenstein = witherite, Haditsch & Maus 176 (1974).
Rb-alunite = hypothetical $RbAl_3(SO_4)_2(OH)_6$, EJM 15, 918 (2003).
Rb-birnessite = synthetic $Rb_4Mn_{14}O_{27}\cdot 9H_2O$, EJM 8, 679 (1996).
Rb-feldspar = rubicline, CM 35, 1277 (1997).
Rb-gismondine = Rb-exchanged gismondine, EJM 10, 143 (1998).
Rb-leucite = synthetic zeolite $Rb[(AlSi_2)O_6]$, AM 53, 1476 (1968).
Rb-microcline = rubicline, AM 93, 1568 (2008).
Rb-montmorillonite = Rb-exchanged montmorillonite, AM 95, 1496 (2010).
Rb-natrolite = Rb-exchanged natrolite, AM 95, 1637 (2010).
Rb-phlogopite = synthetic mica $RbMg_3[(AlSi_3)O_{10}](OH)_2$, AM 57, 108 (1972).
Rb-richterite = synthetic amphibole $Rb(NaCa)Mg_5[Si_4O_{11}]_2(OH)_2$, AM 83, 89 (1998).
Rb-sanidine = $Rb[(Si_3Al)O_8]$, AM 93, 1568 (2008).
Rb-vermiculite = Rb-exchanged vermiculite, ClayM 37, 72 (2002).
realgaar = realgar, Zirlin 96 (1981).
realgar-ß = alacránite, Strunz & Nickel 111 (2001).
realgaria venenosa = realgar, Hintze I.1, 351 (1899).
realgarite = realgar, AM 21, 189 (1936).
realgar jaune = orpiment, Egleston 241 (1892).
realgar natif = realgar, Egleston 287 (1892).
reamurite = wollastonite + opal-*A*, English 193 (1939).
reaumerite = wollastonite + opal-*A*, Hey 576 (1962).
réaumurite = wollastonite + opal-*A*, AM 7, 64 (1922).
rebulite = $Tl_5Sb_5As_8S_{22}$, AM 68, 644 (1983).
Rechts-Quarz = right-handed quartz, Kipfer 132 (1974).
recián = retzian, László 314 (1995).
recskit = sepiolite, László 230 (1995).
rectonite = rectorite, AM 27, 817 (1942).
red acicular sulfoarsenide = unknown, MR 27, 55 (1996).
Red Admiral = 50 ct. opal-*A*, Bukanov 150 (2006).
red-and-green = calcite + willemite, de Fourestier 299 (1999).
red antimonical ore = kermesite, Egleston 174 (1892).
red antimony = kermesite, Dana 6th, 107 (1892).
red antimony ore = kermesite, Egleston 174 (1892).
red arsenic = realgar, Chester 228 (1896).
red arsenic ore = proustite, Bukanov 238 (2006).
red Balas = red gem Cr-rich spinel, GT 20, 199 (2005).
red beryl = pezzottaite, GG 39, 284 (2003).
red-blood opal = red opal-CT, Bukanov 150 (2006).
red bole = halloysite-10Å + goethite, Egleston 147 (1892).
red calx of manganese = rhodochrosite or rhodonite, Papp 93 (2004).
red carbunculi = gem spinel or Cr-rich corundum or garnet, Dana 7th III, 217 (1962).
red chalk = fine-grained hematite ± clay, Dana 6th, 215 (1892).
red clay ironstone = fine-grained hematite + clay, Egleston 151 (1892).
red clouded feldspar = microcline, Bukanov 276 (2006).
red cobalt = erythrite, Dana 6th, 817 (1892).
red cobalt ochre = erythrite, Clark 147 (1993).

red copper = cuprite, Chester 228 (1896).
red copper glass = cuprite, Bukanov 199 (2006).
red copper head = cuprite, Bukanov 199 (2006).
red copper ore = cuprite, Egleston 100 (1892).
red diamond = red gem Cr-rich spinel, Bukanov 75 (2006).
reddingtonite = redingtonite, Hey 577 (1962).
reddle = red fine-grained hematite ± clay, Dana 6th, 215 (1892).
red flame opal = orange-red gem opal-*A*, Bukanov 151 (2006).
red fire opal = orange-red gem opal-*A*, Bukanov 151 (2006).
red garnet = pyrope, Bukanov 106 (2006).
red glance iron = fine-grained hematite, Bukanov 172 (2006).
red glass head = radial hematite, Schumann 162 (1997).
red glassy copper ore = cuprite, Dana 6th, 206 (1892).
red haematite = fine-grained hematite, de Fourestier 47 (1994).
red hematite = fine-grained hematite, Dana 6th, 213 (1892).
redikortsevite = synthetic $(NH_4)MgCl_3 \cdot 6H_2O$, AM 78, 1109 (1993).
redingtonite (questionable) = Cr-rich halotrichite, Strunz & Nickel 836 (2001).
red iron chalk = fine-grained hematite, Egleston 151 (1892).
red iron froth = fine-grained hematite, Egleston 151 (1892).
red iron glance = fine-grained hematite, Egleston 151 (1892).
red iron ochre = fine-grained hematite, Egleston 151 (1892).
red iron ore = fine-grained hematite, Dana 6th, 213 (1892).
red ironstone = fine-grained hematite, Egleston 151 (1892).
red iron vitriol = botryogen, Dana 6th, 972 (1892).
red jachont = almandine, Bukanov 108 (2006).
red jade = quartz or dumortierite, Read 188 (1988).
red jasper = massive quartz + red hematite, Thrush 904 (1968).
red lead = minium, Dana 7th I, 517 (1944).
red lead ore = crocoite, Dana 7th II, 646 (1951).
red lead spar = crocoite, Chudoba RI, 54 (1939); [I.3,4025].
Redledgit = redledgeite, AM Index 41-50, 62 (1968).
Redlerz = bournonite, Doelter IV.1, 469 (1925).
red manganese = rhodonite, Dana 6th, 378 (1892).
red manganese ore = rhodochrosite, Dana 6th, 278 (1892).
red moonstone = orthoclase + goethite, Bukanov 277 (2006).
red Mn-silicate = yofortierite, Petersen & Johnsen 138 (2005).
red ocher = fine-grained hematite or goethite ± clay, Dana 6th; 213, 245 (1892).
red ochre = fine-grained hematite or goethite ± clay, Hey 542, 577 (1962).
red ochre of iron = fine-grained hematite or goethite ± clay, Egleston 234 (1892).
redondite (questionable) = Fe^{3+}-rich variscite, AM 49, 445 (1964).
redonite = redondite, Dana 6th, 1127 (1892).
redontite = redondite, Kostov & Breskovaska 191 (1989).
red ore = red hematite, Bates & Jackson 555 (1978).
red ore of manganese = rhodochrosite, Egleston 290 (1892).
red orpiment = realgar, Chester 229 (1896).
red oxide of copper = cuprite, Egleston 243 (1892).
red oxide of iron = fine-grained hematite, Dana 6th, 213 (1892).
red oxide of lead = minium, Rutley 183 (1900).
red oxide of titanium = rutile, Egleston 297 (1892).
red oxide of zinc = zincite, Dana 6th, 208 (1892).

red oxyd of zinc = zincite, Clark 776 (1993).
red peridote = Ti-(OH)-rich clinohumite, Bukanov 196 (2006).
red Persian = red hematite, Bukanov 172 (2006).
red porphyry = massive Fe-rich quartz, Egleston 283 (1892).
red rain = goethite + feldspar + palygorskite + quartz + others, Egleston 288 (1892).
red ruby silver = pyrargyrite, de Fourestier 47 (1994).
redruthite = chalcocite, Dana 6th, 55 (1892).
redrutit = chalcocite, László 314 (1995).
red salt = halite, Egleston 147 (1892).
red sappare = staurolite, Bukanov 216 (2006).
red sapphire = gem Cr-rich corundum, Egleston 299 (1892).
red scaly iron ore = fine-grained hematite, Egleston 151 (1892).
red schorl (Kirwan) = rutile, Chester 229 (1896).
red schorl (?) = pink gem elbaite, Chester 229 (1896).
red silver = proustite or pyrargyrite, Egleston 270, 273 (1892).
red silver ore = pyrargyrite or proustite, Dana 6th, 131 (1892).
red snow of Idria = goethite + feldspar + palygorskite + quartz + others, Egleston 288 (1892).
red spar = rhodochrosite or rhodonite, Bukanov 319, 321 (2006).
red stone = gem Cr-rich corundum or spinel or garnet or zircon, Bukanov 408 (2006).
red sulphuret of arsenic = realgar, Dana 6th, 33 (1892).
red top moss agate = red banded quartz-mogánite mixed-layer + pyrolusite, Thrush 905 (1968).
red vitriol = bieberite, Dana 6th, 943 (1892).
red zeolite of Aedelfors = stilbite or laumontite ?, Clark 6 (1993).
red zinc ore = zincite, Dana 6th, 208 (1892).
red zinc oxide = zincite, Egleston 377 (1892).
reed opal = opal-*CT*, Bukanov 152 (2006).
(REE)-epidote = allanite, AM 94, 430 (2009).
reef tufa = calcite, de Fourestier 299 (1999).
reese turquoise = gibbsite, Schumann 170 (1997).
REE-thucholite = REE-Th-U-rich graphite ?, CM 28, 358 (1990).
refdanskite = pimelite, MM 13, 375 (1903).
Reficit = refikite, Chudoba EIII, 455 (1968); [I.4,1438].
Refinite = montmorillonite + quartz, MM 21, 557 (1928).
refractory clay = kaolinite-1*Md*, Bates & Jackson 557 (1987).
Regalair = synthetic gem garnet $Y_3Al_2[AlO_4]_3$, Nassau 224 (1980).
Regal Clay = dark kaolinite + quartz + illite ?, Robertson 27 (1954).
regal jade = gem quartz ± mica ± chlorite ± hematite, Bukanov 154 (2006).
Regenbogenachat = banded quartz-mogánite mixed-layer, Hintze I.2, 1472 (1906).
Regenbogenchalcedon = banded quartz-mogánite mixed-layer, Dana 7th III, 203 (1962).
Regenbogendiamant = synthetic gem rutile, László 96 (1995).
Regenbogen Granat = mutli-colored andradite, LAP 30(10), 7 (2005).
Regenbogenquarz = quartz + gas inclusion, Hintze I.2, 1325 (1904).
Regenbogenstein = Na-rich anorthite, Kipfer 132 (1974).
Regency Created Emerald = synthetic dark-green gem Cr-V-rich beryl, O'Donoghue 835 (2006).
Regent = large diamond, Hintze I.1; 15, 19, 20 (1898).
Regent Clay = pale kaolinite + quartz + illite ?, Robertson 27 (1954).
regikite = refikite, Hey 88 (1963).

regnolite = Zn-Fe-rich tennantite, Dana 6th, 150 (1892).
regulus = antimony, Sinkankas 290 (1972).
regulus antimonii nativus = antimony, LAP 20(5), 8 (1995).
Reh = borax, Hintze I.4, 153 (1921).
reichardite = massive epsomite, Egleston 117 (1892).
Reichardtit = massive epsomite, Dana 6th, 938 (1892).
Reichenbach'sche Lamellen = chromite or troilite or schreibersite, Hintze I.1, 649 (1900).
Reichhardtit = massive epsomite, Doelter IV.2, 1481 (1929).
Reichit = calcite, Dana 6th, 266 (1892).
Reif = ice, Egleston 365 (1892).
Reifen des Spateisens = dendritic aragonite, Novitzky 124 (1951).
reimannite = allophane, Clark 597 (1993).
reinardbraunsite = reinhardbraunsite, MM 50, 756 (1986).
reindeer stone = tugtupite, Schumann 204 (1997)
Reinerz = goethite ± ferrihydrite, Hintze I.2, 2017 (1910).
reines Bleisuperoxyd = plattnerite, Hintze I.2, 1717 (1907).
reine Talkerde = magnesite, Dana 6th, 274 (1892).
reine Thonerde = aluminite, Dana 6th, 970 (1892).
reine Tonerde = aluminite, Haditsch & Maus 176 (1974).
reinierite = renierite, AM 35, 136 (1950).
Reinit = ferberite pseudomorph after scheelite, Nambu *et al*. 97 (1970).
reinmanite = allophane, de Fourestier 300 (1999).
reinosite = unknown coal constituent, Clark 593 (1993).
Reintingerit = fibrous baddeleyite, Chudoba RII, 107 (1971).
Reissacherit = Th-Fe-rich wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), Dana 6th, 257 (1892).
Reissblei = graphite or molybdenite, Hintze I.1, 51 (1898).
Reissbley = graphite or molybdenite, Clark 590 (1993).
reissite (Thomson) = mirabilite, Chester 230 (1896).
Reissit (von Fritzsch) = K-Na-rich epistilbite, AM 59, 1055 (1974).
reitingerita = fibrous baddeleyite, AM 36, 641 (1951).
Reitz = 650 ct. diamond, AG 23, 123 (2007).
rejalgar = realgar, Dana 6th, 33 (1892).
rektorit = rectorite, László 231 (1995).
RE-merrillite = REE-rich whitlockite, AM 91, 1583 (2006).
remingtonite = Co-rich smithsonite, MR 29, 44 (1998).
remolinite = atacamite, Dana 6th, 172 (1892).
RE^{3+}-montmorillonite = REE-exchanged montmorillonite, CCM 33, 95 (1985).
renardite (questionable) = dewindtite + phosphuranylite, AM 39, 448 (1954).
reniérite = renierite, MR 39, 134 (2008).
Reniforinit = jordanite, Haditsch & Maus 177 (1974).
reniforite = jordanite, Dana 7th I, 400 (1944).
reniform arseniate of lead = mimetite, Egleston 289 (1892).
reniform brown clay iron ore = goethite, Egleston 192 (1892).
reniform iron ore = goethite, Egleston 191 (1892).
reniformite = jordanite, MM 24, 622 (1937).
reniform stone = green quartz-mogánite mixed-layer + chlorite, Bukanov 395 (2006).
reniphorite = jordanite, English 193 (1939).
rénium = synthetic Rh, László 231 (1995).
rennsselaerite = talc pseudomorph after enstatite, Simpson 64 (1932).
rensselaerite = talc pseudomorph after enstatite, Chester 230 (1896).

Rensselärit = talc pseudomorph after enstatite, Tschermak 510 (1894).
Rentierstein = tugtupite, Bukanov 243 (2006).
Reosellit = muscovite pseudomorph after anorthite, de Fourestier 300 (1999).
repen zola = compact calcite ± dolomite (shell marble), O'Donoghue 370 (2006).
Replique = synthetic gem garnet $Y_3Al_2[AlO_4]_3$, Nassau 224 (1980).
Reposit = graftonite, MM 35, 1151 (1966).
repossite = graftonite, AM 20, 740 (1935).
rerodanskite = pimelite, Hey 88 (1963).
resalgar = realgar, Hintze I.1, 352 (1899).
Resanit = green Fe^{3+}-rich chrysocolla, Chudoba EII, 828 (1925).
rese-turquoise = gibbsite, Bukanov 161 (2006).
Reshikit = blue magnesioarfvedsonite or magnesioriebeckite, Chudoba EIII, 268 (1966).
resigallum = orpiment, de Fourestier 300 (1999).
resina fósil = amber, Domeyko II, 497 (1897).
resin agate = opal-*CT*, Bukanov 151 (2006).
résinalite = chrysotile + lizardite, Chester 230 (1896).
résine de Bucaramanga = resin, Dana 6th, 1007 (1892).
résine de Highgate = amber, Des Cloizeaux II, 50 (1893).
résine de Settling Stones = resin, Des Cloizeaux II; 42, 51 (1893).
resiniferous shale = S-rich resin, Dana 6th, 1010 (1892).
resinita = orthoclase or opal-*CT*, de Fourestier 300 (1999).
résinite = resin, Chester 230 (1896).
resinite termogino = opal-*CT*, Dana 6th, 195 (1892).
resin jack = dark-yellow transparent sphalerite, Pearl 213 (1964).
resin of retin asphalt = resin, Dana 6th, 1009 (1892).
resin-opal = opal-*CT*, Dana 6th, 195 (1892).
resin tiff = sphalerite, Thrush 916 (1968).
resin-tin = stibiotantalite, Linck I.4, 384 (1923).
Ressblei = graphite, Clark 590 (1993).
restite = mobile-constituent poor rock, MM 40, 913 (1976).
restormelite = K-rich paragonite ?, Dana 5th I, 13 (1882).
resztit = mobile-constituent poor rock, László 231 (1995).
resztormelit = K-rich paragonite ?, László 314 (1995).
reticellato antico = massive quartz + red hematite, de Fourestier 300 (1999).
reticulated quartz = rutile + quartz, AM 12, 388 (1927).
retigen = bitumen (meteorite), Thrush 918 (1968).
retinalite = chrysotile + lizardite, Horváth 283 (2003).
retinallofán = pitticite, László 231 (1995).
Retinallophan = pitticite, Clark 591 (1993).
retinasphalite = resin, de Fourestier 47 (1994).
retinasphalt = resin, Dana 6th, 1127 (1892).
retinasphaltum = resin, Dana 6th, 1009 (1892).
retinaszfalt = resin, László 231 (1995).
Retinbaryt: See prismatischer (triplite), pyramidaler (xenotime).
retinellite = resin, Dana 6th, 1009 (1892).
Retinerde = resin, Chudoba RI, 54 (1939); [I.4,1397].
retinherit = triplite, László 231 (1995).
retinic acid = resin, Dana 6th, 1009 (1892).
Retinit (Breithaupt) = resin, Chester 230 (1896).
Retinit (Glocker) = amber, Chester 231 (1896).

rétinite (Delamétherie) = orthoclase or opal-*CT*, Chester 231 (1896).
rétinite de Halle = resin, Egleston 289 (1892).
rétinite du Cantal = obsidian (lava), Egleston 183 (1892).
rétinite perlé = obsidian (lava), Egleston 289 (1892).
Retinit von Piauze = bitumen, Dana 6th, 1019 (1892).
Retinit von Walchow = resin $(C_{15}H_{26}O)_n$, Dana 6th, 1005 (1892).
retinolite = chrysotile + lizardite, Bukanov 323, 406 (2006).
retinosite = unknown coal constituent, MM 25, 642 (1940).
Retinostibian = örebroite, MM 43, 1054 (1980); AM 71, 1524 (1986).
retinosztibián = örebroite, László 231 (1995).
retizita = kyanite, de Fourestier 300 (1999).
Retnalith = chrysotile + lizardite, Chudoba RII, 108 (1971).
Retrol = acid-treated montmorillonite, Robertson 27 (1954).
rettisita = Ni-rich talc or sepiolite or népouite, de Fourestier 300 (1999).
Rétzbányit (Dana) = hammarite + krupkaite + cosalite, Dana 6th, 1127 (1892).
Retzbanyit (Hermann) = cosalite, Dana 6th, 121 (1892).
retziaan = retzian, Council for Geoscience 776 (1996).
retzian = retzian-(Ce), AM 72, 1042 (1987).
retzianite = retzian-(Ce), Simpson 64 (1932).
retzian-(Y) = retzian-(Nd), CM 44, 1560 (2006).
retzian-(Nd) = $Mn_2Nd(AsO_4)(OH)_4$, AM 67, 841 (1982).
retzite (Berlin) = laumontite, Clark 592 (1993).
retzite (Retzius) = stilbite ?, Clark 592 (1993).
Reuschgeel = realgar, Dana 6th, 33 (1892).
Reussin = mirabilite, Dana 6th, 931 (1892).
reussinite = resin, Dana 6th, 1011 (1892).
reussite = mirabilite, Chester 231 (1896).
revdanskite = pimelite, AM 51, 279 (1966).
revdinite = pimelite, MM 13, 375 (1903).
revdinskite = pimelite, MM 13, 375 (1903).
revdinszkit = pimelite, László 232 (1995).
Revivo = montmorillonite + quartz, Robertson 28 (1954).
revordite = non-crystalline Pb-rich orpiment, AM Index 41-50, 16 (1968).
revoredite = non-crystalline Pb-rich orpiment, AM 44, 1070 (1959); 49, 223 (1964).
Rewdanskit = pimelite, MM 13, 375 (1903).
Rewdinskit = pimelite, Clark 592 (1993).
Rewdjanskit = pimelite, MM 13, 375 (1903).
Rex Clay = kaolinite + illite + quartz ?, Robertson 28 (1954).
reyalite = dark-violet red glass, Clark 604 (1993).
réz = copper, László 232 (1995).
rezanit = green Fe-rich chrysocolla, László 314 (1995).
rézarzénuranit = zeunerite, László 232 (1995).
rézaszbolán = Cu-rich asbolane, László 232 (1995).
rézautunit = torbernite, László 232 (1995).
Rezbanyit (Frenzel) = hammarite + krupkaite + cosalite, AM 80, 409 (1995).
Rezbanyit (Hermann) = cosalite, Dana 6th, 121 (1892).
rézcinkkepsomit = Zn-Cu-rich epsomite, László 232 (1995).
rézcinkmelanterit = Zn-rich boothite, László 232 (1995).
rézcsillám = chalcophyllite, László 232 (1995).
rézdárdkéneg = chalcostibite, László 232 (1995).

rézdiaszpor = pseudomalachite, László 232 (1995).
rézfény(le) = chalcocite, László 232 (1995).
rézfoszforuranit = torbernite, László 232 (1995).
rézgálic = chalcanthite, László 232 (1995).
rézhab = tyrolite, László 232 (1995).
rezhikite = blue magnesioarfvedsonite or magnesioriebeckite, AM 63, 1051 (1978).
rézibolya = bornite, László 232 (1995).
rézidokrász = vesuvianite, László 232 (1995).
rézindigó = covellite, László 232 (1995).
rezinit = resin, László 232 (1995).
Rezircon = red gem Cr-rich spinel, Bukanov 75 (2006).
rézkalkantit = chalcanthite, László 232 (1995).
rézkovand = chalcopyrite, László 232 (1995).
rézlápisz = azurite, László 156 (1995).
rézlazúr = azurite, László 232 (1995).
rézlovcsorrit = green Cu-rich rinkite, László 232 (1995).
rézmájérc = goethite ± ferrihydrite + cuprite, László 232 (1995).
rézmangánérc = crednerite ?, László 232 (1995).
rézmelanterit = boothite or Cu^{2+}-rich melanterite, László 232 (1995).
rézmontmorillonit = chrysocolla + mica, László 232 (1995).
rézólomvitriol = linarite, László 232 (1995).
rézpirit = chalcopyrite, László 232 (1995).
rezsikit = blue magnesioarfvedsonite or magnesioriebeckite, László 232 (1995).
rézsmaragd = dioptase, László 232 (1995).
rézszaponit = chrysocolla + mica, László 232 (1995).
rézszurokérc = goethite + tenorite + covellite + cuprite + chrysocolla, László 232 (1995).
réztajték = tyrolite, László 233 (1995).
rézuráncsillám = torbernite or zeunerite, László 233 (1995).
rézvasvitriol = Cu^{2+}-rich melanterite, László 233 (1995).
rézvermikulit = Cu-rich vermiculite, László 233 (1995).
rézvirag = acicular cuprite, László 233 (1995).
rézvitriol = chalcanthite, László 233 (1995).
rézvudjavrit = green Cu-rich rinkite, László 233 (1995).
Rhabadit = schreibersite, Kipfer 132 (1974).
Rhabdionit = Fe-Mn-Cu-Co-O-H (goethite + pyrolusite ?), Linck I.3, 3608 (1929).
rhabdite = schreibersite, Dana 6th, 31 (1892).
rhabdolithe = marialite or meionite, Clark 593 (1993).
Rhabdophan = rhabdophane-(Ce), AM 51, 154 (1966).
rhabdophane-Ce = rhabdophane-(Ce), MA Index 53, 764 (2002).
rhabdophane-(Ce_{1-x},Y_x) = Y-rich rhabdophane-(Ce), MJJ 18, 87 (1996).
rhabdophane-La = rhabdophane-(La), Clark 644 (1993).
rhabdophane-(La,Ce,Nd or Sm) = rhabdophane-(Ce) or rhabdophane-(La) or rhabdophane-(Nd) or synthetic $Sm(PO_4)\cdot H_2O$, MJJ 19, 123 (1997).
rhabdophane-(La,Ce,Pr,Nd,Sm,Eu,Gd,Tb or Dy) = synthetic $REE(PO_4)\cdot H_2O$, MJJ 18, 87 (1996).
rhabdophane-(Y or Er) = rhabdophane-(Y) or synthetic $Er(PO_4)\cdot H_2O$, MJJ 18, 87 (1996).
rhabdophanite = rhabdophane-(Ce), Dana 6th, 820 (1892).
Rhabdophan-(Pb) = $Pb(PO_4)\cdot H_2O$, LAP 26(7/8), 64 (2001).
rhabdopissite = bitumen, MM 27, 280 (1946).

rhadezite = kyanite, Clark 593 (1993).
rhaeticit = kyanite, László 233 (1995).
Rhætizit = kyanite, MR 28, 469 (1997).
Rhagit = atelestite, AM 28, 536 (1943).
Rhaphanosmit = clausthalite + umangite + tiemannite ± chalcomenite, Hintze I.1, 519 (1900).
Rhaphansomit = clausthalite + umangite + tiemannite ± chalcomenite, Strunz & Nickel 837 (2001).
Rhaphilith = tremolite, Hintze II, 1231 (1894).
Rhaphisiderit = hematite, Hintze I.2, 1800 (1908).
Rhapidolith = marialite or meionite, Hintze II, 1554 (1896).
Rhastolith = hydrobiotite, Strunz 568 (1970).
Rhastolyt = hydrobiotite, Hintze II, 550 (1891).
rhatite = rathite, MM 33, 1148 (1964).
Rhätizit = kyanite, Chester 231 (1896).
rhatizit = kyanite, Aballain *et al*. 299 (1968).
Rheingold = gold, LAP 24(7/8), 10 (1999).
Rheinkiesel = transparent quartz, Egleston 281 (1892).
Rhenaniaphosphat = buchwaldite + $Na_2(CO_3)$, MM 25, 642 (1940).
Rhenanit = buchwaldite + $Na_2(CO_3)$, MM 25, 642 (1940).
rhenite = pseudomalachite, Clark 593 (1993).
rhenium = synthetic Rh, AM 72, 1040 (1987).
Rheniumglanz = Rh-S ?, Ramdohr 1257 (1975).
Rhetinalith = chrysotile + lizardite, Hintze II, 770 (1891).
rhetizite = kyanite, Chester 232 (1896).
Rhine diamond = transparent quartz, Read 191 (1988).
Rhine pebble = glass, Bukanov 127 (2006).
rhinestone = transparent quartz, AM 12, 386 (1927).
Rhine stone = glass or transparent quartz, Bukanov 369, 392 (2006).
Rhipidolith = Fe^{2+}-rich clinochlore, Hintze II, 679 (1891).
Rhizopatronit = patrónite, Doelter IV.1, 71 (1925).
RHO zeolite = pahasapaite, EJM 8, 691 (1996).
rhodahalite = bieberite, Strunz & Nickel 837 (2001).
rhodalite = nontronite ?, Dana 6th, 695 (1892).
rhodalose = bieberite, Dana 6th, 1127 (1892).
Rhodanit = HCNS natural gas, MM 25, 642 (1940).
rhodarsenian = rhodonite + caryinite ?, Lacroix 127 (1931).
rhodesiaiholdkő = pale-blue translucent quartz, László 108 (1995).
Rhodesian moonstone = pale-blue translucent quartz, Read 193 (1988).
rhodhalite = bieberite, Egleston 290 (1892).
rhodhalose = bieberite, Dana 6th, 943 (1892).
Rhodicit = rhodizite, Dana 6th, 880 (1892).
rhodic nevyanskite = Ir-Rh-rich osmium, Clark 594 (1993).
rhodic platinum = Rh-rich platinum, Dana 7th I, 108 (1944).
rhodinite = kaneite, Domeyko II, 120 (1897).
rhodite = Rh-rich gold, Dana 6th, 15 (1892).
rhodium gold = Rh-rich gold, Dana 6th, 15 (1892).
rhodium-nevyanskite = Ir-Rh-rich osmium, Dana 7th I, 112 (1944).
rhodium sperrylite = Ir-Rh-rich platarsite, CM 9, 619 (1969).
Rhodoarsenian = rhodonite + caryinite ?, Clark 594 (1993).
Rhodoarsenit = rhodonite + caryinite ?, Kipfer 132 (1974).
rhodochrolite = rhodochrosite, Chester 232 (1896).
Rhodochrom = Cr-rich clinochlore, Dana 6th, 650 (1892).
rhodocrosite = rhodochrosite, Simpson 64 (1932).

rhodohalite = bieberite, Dana 6th, 944 (1892).
rhodoial = erythrite, Egleston 118 (1892).
rhodoïse = erythrite, Dana 6th, 817 (1892).
Rhodoit = erythrite, Clark 594 (1993).
rhodolite = gem Fe^{2+}-rich pyrope, MM 12, 145 (1898).
rhodomacon = gem Fe^{2+}-rich pyrope, MM 38, 998 (1972).
Rhodonite (?) = pyroxmangite, Bukanov 239 (2006).
Rhodophosphit = Mn-Fe-rich apatite, AM 44, 910 (1959).
Rhodophospit = Mn-Fe-rich apatite, Doelter III.1, 582 (1914).
rhodophyllite = Cr-rich clinochlore, Dana 6th, 650 (1892).
rhodosarsenian = rhodonite + caryinite ?, AM 58, 562 (1973).
Rhodotilit = inesite, Dana 6th, 564 (1892).
Rhodozit = rhodizite, Dana 7th II, 329 (1951).
Rhodusit = magnesioriebeckite, AM 63, 1051 (1978).
rhoenite = rhönite, Simpson 64 (1932); MR 39, 134 (2008).
rhoetizite = white kyanite, Ford 617 (1932).
rhomb. Amphibole group = orthoamphibole, Hintze II, 1179 (1893).
rhombarsenite = claudetite, Dana 6th, 199 (1892).
rhomb. Augit group = orthopyroxene, Chudoba RII, 92 (1971).
rhombdoidal-Spath = dolomite, Kipfer 133 (1974).
Rhombenfeldspat = Ca-rich albite, Haditsch & Maus 178 (1974).
Rhombenglimmer = Fe-rich phlogopite, Dana 6th, 627 (1892).
Rhombenspat = dolomite, Linck I.3, 3299 (1927).
rhombic lead spar = pyromorphite, Bukanov 210 (2006).
rhombic mica = Fe-rich phlogopite, Chester 233 (1896).
rhombic quartz = feldspar, Chester 233 (1896).
rhombic sulfur = sulphur-α, Thrush 922 (1968).
rhombischer Barytin = alstonite, Doelter I, 504 (1912).
rhombischer Eisenkies = marcasite or pyrrhotite, Clark 195 (1993).
rhombischer Kupferglanz = chalcocite, Haditsch & Maus 178 (1974).
rhombischer Låvenit = burpalite ?, Chudoba EIII, 583 (1968).
rhombischer Silberglanz = stephanite, Hintze I.1, 1153 (1904).
rhombischer Vanadinit = orange As-rich descloizite, Haditsch & Maus 178 (1974).
rhombischer Vanadit = orange As-rich descloizite, Dana 6th, 787 (1892).
rhombisches Arsenkobalteisen = Fe-rich safflorite, Haditsch & Maus 178 (1974).
rhombisches Phosphorkupfer = libethenite, Haditsch & Maus 159 (1974).
rhombisches Silberglanzerz = stephanite, Haditsch & Maus 178 (1974).
rhombisch Pyroxene group = orthopyroxene, Hintze II, 960 (1892).
Rhombites = calcite, Linck I.3, 2895 (1926).
Rhombites Pacites = S-rich löllingite or arsenopyrite, Egleston 245 (1892).
rhomboedr. Alaunhaloid = alunite, Goldschmidt IX text, 173 (1923).
rhomboedrale alumestone = alunite, Chudoba RI, 4 (1939); [I.3,4184].
rhomboedrisch Eisenkies = pyrrhotite, Kipfer 83 (1974).
rhomboedrischen Bleibaryt = pyromorphite, Linck I.4, 579 (1924).
rhomboedrischen Kalkhaloid = calcite, Linck I.3, 2898 (1926).
rhomboedrischer Almandinspat = eudialyte, Haditsch & Maus 178 (1974).
rhomboedrischer Barytocalcit = Ba-rich calcite, Doelter I, 502 (1912).
rhomboedrischer Bleibaryt = pyromorphite, Chudoba RI, 10 (1939).
rhomboedrischer Distomglanz = zinkenite, Haditsch & Maus 178 (1974).
rhomboedrischer Dystomglanz = zinkenite, Goldschmidt IX text, 178 (1923).
rhomboedrischer Eisenkies = pyrrhotite, Goldschmidt IX text, 179 (1923).

rhomboedrischer Eläinspat = nepheline, Goldschmidt IX text, 179 (1923).
rhomboedrischer Euchlorglimmer = chalcophyllite, Goldschmidt IX text, 179 (1923).
rhomboedrischer Euchlormalachit = chalcophyllite, Goldschmidt IX text, 179 (1923).
rhomboedrischer Eutomglanz = tetradymite, Goldschmidt IX text, 179 (1923).
rhomboedrischer Feldspat = nepheline, Goldschmidt IX text, 180 (1923).
rhomboedrischer Graphitglimmer = graphite, Haditsch & Maus 178 (1974).
rhomboedrischer Korund = corundum, Goldschmidt IX text, 183 (1923).
rhomboedr. Kupferkies = bornite, Goldschmidt IX text, 183 (1923).
rhomboëdrischer Kuphon-Glimmer = brucite, Hintze I.2, 2080 (1910).
rhomboedrischer Kuphonspat = chabazite, Haditsch & Maus 179 (1974).
rhomboedrischer Melanglanz = cronstedtite or polybasite, Haditsch & Maus 131 (1974).
rhomboedrischer Melanglimmer = cronstedtite, Goldschmidt IX text, 185 (1923).
rhomboedrischer Melangraphit = graphite, Goldschmidt IX text, 185 (1923).
rhomboedrischer Perlglimmer = clintonite, Goldschmidt IX text, 186 (1923).
rhomboedrischer Quarz = quartz, Goldschmidt IX text, 187 (1923).
rhomboedrischer Smaragd = green gem beryl or phenakite, Goldschmidt IX text, 189 (1923).
rhomboedrischer Smaragd-Malachit = dioptase, Goldschmidt IX text, 189 (1923).
rhomboedrischer Talk-Glimmer = biotite, Goldschmidt IX text, 190 (1923).
rhomboedrische Rubinblende = pyrargyrite or proustite, Goldschmidt IX text, 188 (1923).
rhomboëdrischer Wismutglanz = tetradymite, Hintze I.1, 403 (1899).
rhomboedrischer Zinkbaryt = smithsonite, Linck I.3, 3228 (1927).
rhomboëdrisches Alaunhaloid = alunite, Chudoba RI, 4 (1939); [I.3,4184].
rhomboedrisches Antimon = antimony, Goldschmidt IX text, 174 (1923).
rhomboedrisches Arsen = arsenic, Doelter III.1, 598 (1914).
rhomboedrisches Eisenerz = hematite, Goldschmidt IX text, 179 (1923).
rhomboedrisches Flusshaloid = apatite, Goldschmidt IX text, 180 (1923).
rhomboedrisches Iridium = Ir-rich osmium, Goldschmidt IX text, 182 (1923).
rhomboedrisches Kalkhaloid = calcite, Haditsch & Maus 92 (1974).
rhomboedrisches Nitrumsalz = nitratine, Hintze I.3, 2684 (1916).
rhomboëdrische Wismuthglanz = tetradymite, Dana 7th I, 161 (1944).
rhomboedrisch Tellur = tellurium, Goldschmidt IX text, 190 (1923).
rhombohedral alum haloid = alunite, Egleston 291 (1892).
rhombohedral alun haloid = alunite, Egleston 9 (1892).
rhombohedral antimony = antimony, Egleston 23 (1892).
rhombohedral arseniate of copper = chalcophyllite, Egleston 76 (1892).
rhombohedral arsenic = arsenic, Egleston 30 (1892).
rhombohedral baryte = witherite, Egleston 292 (1892).
rhombohedral barytocalcite = Ba-rich calcite, Dana 7th II, 154 (1951).
rhombohedral calamine = smithsonite, Egleston 318 (1892).
rhombohedral cerium ore = cerite-(Ce), Egleston 72 (1892).
rhombohedral corundum = corundum, Egleston 94 (1892).
rhombohedral emerald = dark-green gem Cr-rich beryl or phenakite, Bukanov 69, 208 (2006).
rhombohedral emerald-malachite = dioptase, Chester IX (1896).

rhombohedral euchlore malachite = chalcophyllite, Egleston 76 (1892).
rhombohedral euchlore mica = chalcophyllite, Egleston 76 (1892).
rhombohedral eutome glance = tetradymite, Egleston 343 (1892).
rhombohedral feldspar = nepheline, Egleston 292 (1892).
rhombohedral felspar = nepheline, Egleston 229 (1892).
rhombohedral fluor haloid = fluorapatite, Egleston 292 (1892).
rhombohedral graphite = graphite, Egleston 141 (1892).
rhombohedral graphite mica = graphite, Egleston 141 (1892).
rhombohedral iridium = Ir-rich osmium, Egleston 164 (1892).
rhombohedral iron ore = hematite, Egleston 151 (1892).
rhombohedral iron pyrites = pyrrhotite, Egleston 279 (1892).
rhombohedral kouphone mica = brucite, Egleston 59 (1892).
rhombohedral kouphone spar = chabazite, Egleston 74 (1892).
rhombohedral lead baryte = mimetite or pyromorphite, Egleston 214 (1892).
rhombohedral lime haloid = dolomite, Egleston 108 (1892).
rhombohedral melan mica = cronstedtite or polybasite, Egleston 96 (1892).
rhombohedral molybdena glance = molybdenite, Egleston 220 (1892).
rhombohedral pearl mica = clintonite, Egleston 311 (1892).
rhombohedral quartz = quartz, Egleston 280 (1892).
rhombohedral ruby blende = pyrargyrite or proustite, Egleston 273 (1892).
rhombohedral talc mica = Fe-rich clinochlore, Egleston 270 (1892).
rhombohedral tourmaline = tourmaline, Egleston 350 (1892).
rhombohedral zeolite = chabazite, Egleston 74 (1892).
rhombohedral zinc baryte = smithsonite, Egleston 318 (1892).
rhombohedrischer Corund = corundum, Egleston 94 (1892).
rhombohedrischer Molybdänglanz = molybdenite, Egleston 220 (1892).
rhomboidal arseniate of copper = chalcophyllite, Egleston 76 (1892).
rhomboidal feldspar = nepheline, Egleston 292 (1892).
rhomboidal felspar = nepheline, Egleston 229 (1892).
rhomboidal fluor haloid = fluorapatite, Egleston 23 (1892).
rhomboidal lead spar = pyromorphite, Egleston 276 (1892).
rhomboidal mica = clay, Clark 595 (1993).
rhomboidal pearl mica = margarite, Egleston 205 (1892).
rhomboidal red manganese = rhodochrosite, Egleston 290 (1892).
rhomboidal silver glance = stephanite, Egleston 327 (1892).
Rhomboidalspat = dolomite, Linck I.3, 3298 (1927).
Rhomboidalspath = dolomite, Dana 6th, 271 (1892).
Rhomboidalpath = dolomite, Clark 595 (1993).
rhomboidal-tellur = sylvanite, Egleston 293 (1892).
rhomböidal tellur = sylvanite, Egleston 335 (1892).
rhomboidal vitriol = melanterite, Egleston 207 (1892).
Rhomboklas (original spelling) = rhomboclase, MM 15, 429 (1910).
rhombomagnojacobsite = Mg-rich hausmannite, AM 50, 2101 (1965); 51, 1825 (1966).
Rhombomagnojakobsit = Mg-rich hausmannite, Chudoba EIII, 618 (1968).
rhombroedr. Parachros-Baryt = Fe-rich magnesite, Goldschmidt IX text, 186 (1923).
rhomb spar = dolomite, Dana 6th, 271 (1892).
rhonit = rhönite, Aballain *et al*. 300 (1968); MR 39, 134 (2008).
rhotarsenian = rhodonite + caryinite ?, Strunz & Nickel 837 (2001).
rhotofita = Mn-rich andradite, de Fourestier 302 (1999).
Rh-sperrylite = Rh-Ir-Pd-rich platarsite, AM 50, 1069 (1965).
rhubdopahanite = rhabdophane-(Ce), Clark 593 (1993).
rhyacolite = sanidine, Dana 6th, 318 (1892).

Rhyakolith = sanidine, Chester 233 (1896).
Rhyolith-Kugeln = quartz-mogánite mixed-layer, Extra LAP 19, 8 (2000).
rhythmite = synthetic $Ca_7[SiO_4]_2Cl_6$, AM 82, 1038 (1997).
riacolite = sanidine, Clark 596 (1993).
riakolit = sanidine, László 233 (1995).
riband agate = banded quartz-mogánite mixed-layer, AM 12, 393 (1927).
riband jasper = red banded quartz + hematite, Clark 596 (1993).
ribbon agate = banded quartz-mogánite mixed-layer, AM 12, 393 (1927).
ribbon-jasper = red banded quartz + hematite, AM 12, 391 (1927).
ribbon opal = opal-*A*, Bukanov 147 (2006).
ribbon quartz = banded quartz-mogánite mixed-layer, Thrush 924 (1968).
ribbonstone = banded quartz-mogánite mixed-layer (sandstone), László 140 (1995).
ribeckite = riebeckite, Godovikov 123 (1997).
ribeckrichterit = richterite, László 233 (1995).
ribeirita = Y-(OH)-rich zircon, AM 41, 168 (1956).
ribeitite = Y-(OH)-rich zircon, GT 24, 195 (2008).
Riberit = Y-(OH)-rich zircon, Chudoba EII, 953 (1960).
ribierite = Y-(OH)-rich zircon, AM 76, 1533 (1991).
ricardite = rickardite, Godovikov 58 (1997).
rice grain spar = calcite, de Fourestier 302 (1999).
rice jade = actinolite or tremolite, Bukanov 402 (2006).
rice rock = dolomite, MR 23, 441 (1992).
rice stone = quartz, AM 12, 394 (1927).
richellite (questionable) = $(Ca,Fe)(Fe,Al)_2(PO_4)_2(OH,F)_2$, PDF 15-632.
Richmondit (Kenngott) = schoderite, Dana 7th II, 762 (1951).
Richmondite (Skey) = freibergite + galena + sphalerite + chalcopyrite + pyrite, AM 32, 702 (1947).
Ricolite = banded serpentine, MM 15, 429 (1910).
ridegezüstérc or ridegüverérc = stephanite, László 233 (1995).
Ridolfit = dolomite, Linck I.3, 3299 (1927).
Ridolphit = dolomite, Linck I.3, 3299 (1927).
ridophosphite = Mn-rich apatite, Kostov & Breskovaska 191 (1989).
Riebeckitasbest = riebeckite, Zirlin 97 (1981).
riebeckite-arfvedsonite = riebeckite or arfvedsonite, MM 40, 913 (1976).
riebeckrichterite = Fe-rich richterite, MM 39, 925 (1974).
riemanite = allophane, Egleston 7 (1892).
Riemannit = allophane, Dana 6th, 693 (1892).
Rieseleis = ice + water, Hintze I.2, 1221 (1904).
Riesenmarmor = calcite, Linck I.3, 2944 (1926).
Rigeleyre = synthetic gem garnet $Y_3Al_2[AlO_4]_3$, Bukanov 364 (2006).
right rhombic barytocalcite = alstonite, Symes & Young 119 (2008).
rijkeboeriet = hydrokenomicrolite, AM 48, 1415 (1963); 62, 407 (1977); CM 48, 6689 (2010).
rilandite (questionable) = beidellite + Cr-O ?, AM 18, 202 (1933).
rimpylite group = hornblende, AM 63, 1051 (1978).
rimstone = calcite, Bates & Jackson 570 (1987).
rinaldiite (IMA 1982-107) = zeolite, Zeolites 2(4), 303 (1982).
rincolite = rinkite, Clark 597 (1993).
Rindenstein = dendritic aragonite, Kipfer 133 (1974).
ring agate = banded quartz-mogánite mixed-layer, AM 12, 393 (1927).
Ringborg = banded serpentine + calcite ± dolomite (marble), O'Donoghue 365 (2006).
Ringelerz = galena ± sphalerite ± siderite, Kipfer 133 (1974).

Ringerz = galena, Hintze I.1, 484 (1900).
Ringwudit = ringwoodite, Chudoba EIV, 79 (1974).
Rinkolith = rinkite, AM 43, 795 (1958).
riñones = anhydrite, Linck I.3, 3779 (1929).
Rio Grande topaz = yellow gem Fe-rich quartz, Schumann 120 (1997).
riolite (Brauns & Petersen) = Bi-rich tennantite, Chester 233 (1896).
riolite (Brooke) = Hg-S-rich stilleite ?, Dana 6th, 64 (1892).
Riolith (Fröbel) = naumannite, Clark 597 (1993).
Rionit (Brauns & Petersen) = Bi-rich tennantite, Dana 6th, 138 (1892).
rionite (Brooke) = Hg-S-rich stilleite ?, Dana 6th, 64 (1892).
Ripidolith = Fe^{2+}-rich clinochlore, CM 13, 178 (1975).
Riponit = Ca-rich marialite, Horváth 283 (2003).
rischorrite = unknown, CM 42, 1262 (2004).
risigallo = realgar, Dana 6th, 33 (1892).
risigallum = realgar or orpiment, Dana 6th; 33, 35 (1892).
risigallum flavum = orpiment, Clark 598 (1993).
risoerite = Ti-rich fergusonite-(Y), Simpson 65 (1932).
Risörit = Ti-rich fergusonite-(Y), Dana 7th I, 762 (1944).
Risorit = dolomite, Haditsch & Maus 179 (1974).
risséite = aurichalcite, Dana 6th, 298 (1892).
Rittingerit = xanthoconite, MM 10, 185 (1893).
Rivadaviatit = rivadavite, Chudoba EIII, 620 (1968).
rivaite = wollastonite + opal-*A*, AM 7, 64 (1922).
river = white diamond, Schumann 76 (1997).
river agate = fine-grained banded quartz + pyrolusite, Read 194 (1988).
river sapphire = pale-blue asteriated gem Fe-Ti-rich corundum, Thrush 930 (1968).
Riverside No.1 = acid-treated montmorillonite ?, Robertson 28 (1954).
riversidite = riversideite, Simpson 65 (1932).
river stone = diamond, Bukanov 39 (2006).
riverstone = aragonite, Bukanov 264 (2006).
Rivorit = malachite + stibioroméite, Chudoba EII, 953 (1960).
rivotite = malachite + stibioroméite, AM 37, 997 (1952).
Riwesit = reevesite, Chudoba EIV, 80 (1974).
rizalite = glass (tektite), Dana 7th I, 121 (1944).
rizopatronita = patrónite, MM 15, 430 (1910).
roabschite = magnesite, Clark 604 (1993).
robellazite = black V-Nb-Ta-W-Al-Fe-Mn-O, MM 12, 391 (1900).
Robenglimmer = siderophyllite, Clark 779 (1993).
robertsonite (Chukhrov) = white colloidal sphalerite, AM 45, 624 (1960).
robertsonite (Poitevin) = Sr-rich mordenite ?, Horváth 284 (2003).
robijn = red gem Cr-rich corundum, Zirlin 96 (1981).
robijnzilvererts = proustite, Zirlin 92 (1981).
Röblingit = roeblingite, Chudoba EII, 469 (1955); [EI,569].
roblingite = roeblingite, Aballain *et al*. 301 (1968).
robyn = red gem Cr-rich corundum, Macintosh 111 (1988).
robynswael = realgar, Council for Geoscience 745 (1996).
roccae Alumen = alum + ?, Chudoba RI, 4 (1939); [I.3,4494].
roc-cork = sepiolite or palygorskite or actinolite or chrysotile, Kipfer 192 (1974).
roche alum = pale-red alum, Thrush 932 (1968).
Rocherz Melanglanz = stephanite, Egleston 327 (1892).
roche serpertineuse = antigorite, de Fourestier 303 (1999).
rochlandite = antigorite ?, Chester 234 (1896).

rochlaudite = antigorite ?, Chester 234 (1896).
rochlederite = resin, Dana 6th, 1014 (1892).
rocirkon = pink spinel, László 237 (1995).
rocite = iron (meteorite), Chester 234 (1896).
rock asphalt = calcite + bitumen, Thrush 932 (1968).
rock blue = azurite ± chrysocolla, Bukanov 165 (2006).
rockbridgeite-(Al) = $FeAl_4(PO_4)_3(OH)_5$, CM 46, 1136 (2008).
rock-butter = halotrichite, Chester 234 (1896).
rock cork = sepiolite or palygorskite or fibrous actinolite or chrysotile, Dana 6th, 1127 (1892).
rock crystal = transparent quartz, Dana 6th, 187 (1892).
Rock Crystal = glass, O'Donoghue 836 (2006).
rock crystal opal = opal-*A*, Bukanov 147 (2006).
rocket = pink gem elbaite, MR 36, 542 (2005).
rock flour = opal-*CT*, Novitzky 274 (1951).
rock flower = violet Fe^{3+}-rich quartz, Bukanov 131 (2006).
rock glass = obsidian (lava), O'Donoghue 836 (2006).
rock gypsum = massive gypsum, Deer *et al*. V, 211 (1962).
rocklandite = antigorite ?, Dana 6th, 1127 (1892).
rock lazur = azurite, Bukanov 166 (2006).
rock-leather = sepiolite or palygorskite or fibrous actinolite or chrysotile, Chester 234 (1896).
rock marrow = halloysite-10Å or kaolinite, Egleston 172 (1892).
rock meal = fine-grained calcite or opal-*CT*, Dana 6th, 268 (1892).
rock milk = huntite, Dana 6th, 268 (1892).
rock-oil = petroleum, Chester 234 (1896).
rock-phosphate = P-CO_2-rich hydroxylapatite, Bates & Jackson 574 (1987).
rock quartz = transparent quartz, Thrush 935 (1968).
rock roses = baryte, Chang *et al*. 5B, 15 (1996).
rock-ruby = red pyrope, Read 194 (1988).
rock salt = halite, Dana 6th, 154 (1892).
rockseife = montmorillonite or saponite or halloysite-10Å, de Fourestier 303 (1999).
rock silk = fibrous amphibole or chrysotile, MM 2, 215 (1878).
rock soap = montmorillonite or saponite or halloysite-10Å + goethite, Clark 599 (1993).
Rocks Superior = clay, Robertson 28 (1954).
rock turquoise = turquoise, Thrush 936 (1968).
rock verde = malachite or chrysocolla, Bukanov 164, 195 (2006).
rock-wood = fibrous amphibole or chrysotile or sepiolite or palygorskite, Chester 235 (1896).
rock wool = jamesonite + zinkenite, Bates & Jackson 574 (1987).
Rocky Mountain ruby = red pyrope, Webster & Anderson 961 (1983).
Rocky Mountains ruby = elbaite, Bukanov 84 (2006).
rodalit = nontronite ?, László 234 (1995).
Rodalkilarit = rodalquilarite, Chudoba EIV, 80 (1974).
Rödelerz = bournonite, Zirlin 34 (1981).
rodhalit = bieberite, László 234 (1995).
rodicita = rhodizite, Novitzky 270 (1951).
rodisiet = rhodizite, Council for Geoscience 776 (1996).
Rodit = Fe-rich enstatite + Mg-rich fayalite (meteorite), Hintze II, 995 (1893).
rodita = Rh-rich gold, MM 29, 993 (1952).
rodium = rhodium, Council for Geoscience 789 (1996).

ródiumnyevjanszkit = Ir-Rh-rich osmium, László 234 (1995).
ródiumsperrylit = Ir-Rh-rich platarsite, László 234 (1995).
rodizit = rhodizite, László 234 (1995).
Röd Jernmalm = hematite, Dana 6th, 213 (1892).
Rødkobbererts = cuprite, Zirlin 47 (1981).
Röd Magnesia = piemontite, Dana 6th, 521 (1892).
Rödmalm = hematite, Dana 6th, 213 (1892).
Rödnickelkis = nickeline, Zirlin 85 (1981).
rodoarsenita = rhodonite + caryinite, de Fourestier 303 (1999).
rodoarzenián = rhodonite + caryinite, László 234 (1995).
rodochrosiet = rhodochrosite, Zirlin 96 (1981).
rodoclosita = rhodochrosite, Domeyko II, 498 (1897).
rodocromo = Cr-rich clinochlore, de Fourestier 303 (1999).
rodocrosite = rhodochrosite, Dana 6th, 278 (1892).
rodocrusita = rhodochrosite, Zirlin 95 (1981).
rodofillit = Cr-rich clinochlore, László 234 (1995).
rodofoszfit = Mn-Fe-rich apatite, László 234 (1995).
rodoit = erythrite, László 234 (1995).
rodokrom = Cr-rich clinochlore, László 234 (1995).
Rodokrosit = rhodochrosite, Zirlin 96 (1981).
rodokrozit = rhodochrosite, TMH II, 13 (1994).
rodolite = gem Fe-rich pyrope, CISGEM (1994).
rodomacon = gem Fe-rich pyrope, László 234 (1995).
Rodomakon = gem Fe-rich pyrope, Chudoba EIV, 80 (1974).
rodonita = rhodonite, Domeyko II, 498 (1897).
rodonitliknande = Mn^{2+}-rich pectolite, Petersen & Johnsen 138 (2005).
Rodophyllit = Cr-rich clinochlore, Doelter IV.3, 1157 (1931); [II.2,636].
Rodostannit = rhodostannite, Chudoba EIV, 80 (1974).
rodosztannit = rhodostannite, László 234 (1995).
rodotilita = inesite, Novitzky 270 (1951).
rodplumsiet = rhodplumsite, Council for Geoscience 776 (1996).
Rodshianit = roggianite, Chudoba EIV, 80 (1974).
Rødsinkerts = zincite, Zirlin 115 (1981).
Röd Spitsglasmalm = kermesite, Dana 6th, 106 (1892).
Röd spitsglasmulm = kermesite, Egleston 174 (1892).
Roebling = black gem opal-*A*, Bukanov 151, 152 (2006).
roemérite = römerite, Dana 5th III, 104 (1882).
roentgenite = röntgenite-(Ce), AM 38, 868 (1952).
röentgenite-(Ce) = röntgenite-(Ce), Dana 8th, 475 (1997).
roentgenite-(Ce) = röntgenite-(Ce), Clark 600 (1993).
roepperite (Brush) = Mn-Zn-rich fayalite, Dana 6th, 459 (1892).
roepperite (Kenngott) = Ca-rich rhodochrosite, Dana 6th, 278 (1892).
roesakowiet = rusakovite, Council for Geoscience 777 (1996).
roesmerite = römerite, Chester 235 (1896).
roesslerite = rösslerite, Dana 6th, 1128 (1892).
roestone = oolitic calcite, Chester 235 (1896).
roe stone = oolitic aragonite, Bukanov 263 (2006).
roethel = red fine-grained hematite, Egleston 151 (1892).
roettisite = pimelite, Chester 235 (1896).
roewolfeite = wroewolfeite, MM 42, 529 (1978).
Rofil = vermiculite, Robertson 36 (1954).
Rogenstein = oolitic calcite, Dana 6th, 268 (1892).
Rogenstein kristallisierter Sandstein = calcite, Dana 7th II, 142 (1951).
Rogermitchellichit = rogermitchellite, LAP 35(12), 34 (2010).

rogersite (Lausen) = lausenite, AM 13; 225, 594 (1928).
rogersite (Smith) = churchite-(Y), AM 48, 1168 (1963); 50, 1142 (1965).
Roggenstein = oolitic calcite, Thrush 937 (1968).
Rogro = vermiculite, Robertson 36 (1954).
rogueite = dark-green quartz-mogánite mixed-layer, MM 39, 925 (1974).
roguljka = aragonite, Chudoba RI, 55 (1939); [I.3,3924].
Roguljkit = aragonite or calcite, Linck I.3, 3015 (1926).
Rohdiamant = raw diamond, LAP 32(1), 5 (2007).
Roheisen = iron, Tschermak 417 (1894).
Rohjadeit = raw jadeite, Dana 6th, 370 (1892).
Rohopale = raw opal, LAP 15(10), 50 (1990).
Röhrenachat = banded quartz-mogánite mixed-layer + tubular pyrolusite, Sinkankas 290 (1972).
Röhrenagat = banded quartz-mogánite mixed-layer + tubular pyrolusite, Hintze I.2, 1472 (1906).
Röhrenerz = galena, Hintze I.1, 487 (1900).
Röhrenquarze = quartz pseudomorph, LAP 36(5), 24 (2011).
Rohsalpeter = niter, Chudoba RII, 21 (1971).
Rohwand = ankerite, Dana 6th, 274 (1892).
rojo de saturno = minium, de Fourestier 304 (1999).
rojo de teja = acicular cuprite, de Fourestier 304 (1999).
rokesite = roquesite, Kostov & Minčeva-Stefanova 209 (1981).
Rokide C = moissanite, Thrush 937 (1968).
Røkkvarts = dark-grey Al+H±Li-rich quartz, Zirlin 99 (1981).
Rökkvarts = dark-grey Al+H±Li-rich quartz, Zirlin 101 (1981).
rokuehnite = rokühnite, Clark 600 (1993).
rokuhnite = rokühnite, AM 66, 219 (1981); MR 39, 134 (2008).
romachát = (brecciated ?) banded quartz-mogánite mixed-layer, László 2 (1995).
Roman alum = pale-red alum, Thrush 937 (1968).
Roman cement = calcite + clay, Thrush 939 (1968).
Romanechit = romanèchite, Weiss 222 (2008); MR 39, 134 (2008).
romaneshite = romanèchite, Godovikov 98 (1997).
Romanichit = romanèchite, Chudoba RI, 55 (1939).
romanite (Drăgila) = cleusonite, EJM 17, 934 (2005).
romanite (Munteanu-Murgoci) = amber, MM 15, 430 (1910).
Roman ocher = dark orange-yellow fine-grained goethite or hematite, Thrush 939 (1968).
Roman red jasper = red massive Fe-rich quartz, Egleston 283 (1892).
Roman stone = compact calcite + dolomite (crinoid marble), O'Donoghue 370 (2006).
Roman vitriol = chalcanthite, Thrush 940 (1968).
Romanzement = thenardite, Linck I.3, 3677 (1929).
romanzovite = Fe^{3+}-rich grossular, Dana 6th, 437 (1892).
Romanzowit = Fe^{3+}-rich grossular, Clark 601 (1993).
rombarzenit = claudetite, László 235 (1995).
rombföldpát = K-rich albite, László 235 (1995).
rombitscheskij lovenit = burpalite ?, Chudoba EIII, 584 (1968).
romboclasa = rhomboclase, Novitzky 270 (1951).
romdohrita = ramdohrite, Novitzky 261 (1951).
romboklaas = rhomboclase, Council for Geoscience 776 (1996).
romboklász = rhomboclase, László 235 (1995).
rombomagnojakobsit = Mg-rich hausmannite, László 235 (1995).
roméite (Brugger *et al.*) = fluorcalcioroméite, CM 48, 693 (2010).

roméite (Christy & Gatedal) = oxycalcioroméite, CM 48, 693 (2010).
roméite (Matsubara *et al*.) = fluornatroroméite, CM 48, 692 (2010).
roméine (original spelling) = roméite, Dana 6th, 862 (1892); MR 39, 134 (2008).
romerite = römerite, Aballain *et al*. 303 (1968); MR 39, 134 (2008).
romeroite (Kampf) = miguelromeroite, AM 94, 1535 (2009).
romeroite (IMA 1984-37) = villyaellenite, AM 94, 1535 (2009).
romersk alunstein = alunite, Egleston 9 (1892).
Romersk Alunsten = alunite, Dana 6th, 974 (1892).
römischer Kalktuff = fine-grained calcite, Linck I.3, 2896 (1926).
römischer Vitriol = chalcanthite, Haditsch & Maus 180 (1974).
rommárvány = calcite (marble), László 235 (1995).
röntgenite = röntgenite-(Ce), AM 72, 1042 (1987).
rontgenite = röntgenite-(Ce), CM 25, 796 (1987).
rontgenite-(Ce) = röntgenite-(Ce), CM 25, 796 (1987); MR 39, 134 (2008).
rooiglas = realgar, Council for Geoscience 776 (1996).
rooikopererts = cuprite, Council for Geoscience 753 (1996).
rookkwarts = dark-grey Al+H±Li-rich quartz, Zirlin 100 (1981).
rooskwarts = red Fe-Ti-rich quartz + dumortierite, Macintosh 19 (1988).
Röpperit (Brush) = Mn-Zn-rich fayalite, Doelter II.1, 721 (1914).
Röpperit (Kenngott) = Ca-rich rhodochrosite, MM 20, 460 (1925).
ropperite = Ca-rich rhodochrosite, Aballain *et al*. 303 (1968).
roquésite = roquesite, MR 39, 134 (2008).
roriszit = rorisite, László 235 (1995).
Rosaberyll = red gem Mn-Cs-rich beryl, Zirlin 85 (1981).
rosa del deserto = rosette gypsum, Kipfer 192 (1974).
Rosafluorit = pink Y-rich fluorite, LAP 29(7/8), 19 (2004).
rosaline (Webster) = red Mn-rich clinozoisite, MM 39, 925 (1974).
Rosaline (?) = red corundum, Webster & Anderson 961 (1983).
Rosaquarz = red Fe-Ti-rich quartz + dumortierite, Weiss 220 (2002).
Rosasapphir = red gem corundum, László 300 (1995).
Rosatopas = heated topaz, László 274 (1995).
Rosaturmalin = elbaite, László 279 (1995).
roscherite-1*A* or roscherite(*C*-1) = footemineite, AM 93, 2 (2008).
roscherite-*A* = greifensteinite-*A*, Ferraiolo 374 (2003).
roscherite-(Fe) = greifensteinite, Ferraiolo 374 (2003).
roscherite-*M* = zanazziite-*M*, Atencio 75 (2000).
roscherite-(Mg) = zanazziite, Ferraiolo 374 (2003).
Röscherz = stephanite, Haditsch & Maus 180 (1974).
Röschesgewüchse = stephanite, Papp 94 (2004).
Röschgevaechs = stephanite, Papp 94 (2004).
Röschgewächs = stephanite, Dana 6th, 143 (1892).
roschgewachs = stephanite, Aballain *et al*. 303 (1968).
Röschgewacks or Röschgewichs or Röschgewist or Röschgewüchs = stephanite, Papp 94 (2004).
Roschkowit = Pd-rich auricupride, AM 62, 595 (1977).
roscsinit = roshchinite, László 235 (1995).
rose = small diamond, Bates & Jackson 576 (1987).
rose agate = grey + red banded quartz-mogánite mixed-layer, Thrush 942 (1968).
roseaker = realgar, Thrush 942 (1968).
rose beryl = red gem Mn-Cs-rich beryl, Thrush 942 (1968).
rose cat's eye = chatoyant 17.3 ct. scapolite, Bukanov 96 (2006).
Rose de France = pink Fe-Ti-rich quartz or corundum, Read 195 (1988).

rosé des vosges = calcite (marble), de Fourestier 304 (1999).
rose diamond = diamond, Bates & Jackson 576 (1987).
rose garnet (1891) = pink grossular + vesuvianite + wollastonite, English 197 (1939).
rose garnet (1898) = gem Fe-rich pyrope, MM 12, 391 (1900).
rose garnet (?) = rhodonite, Read 195 (1988).
rose iron = ilmenite, Egleston 209 (1892).
rose iron glance = black hematite, Egleston 294 (1892).
roseite (Ottemann & Augustithis) = erlichmanite, AM 56, 1501 (1971); MM 38, 103 (1971).
roseite (Stubbs) = vermiculite ?, Dana 6th, 668 (1892).
Rose Jade = dumortierite + quartz, Bukanov 273 (2006).
roseki = pyrophyllite or kaolinite or diaspore, Murakoshi & Hashimoto 208 (1956).
Rose Kunzite = pink corundum or spinel, Thrush 942 (1968).
roselita = pharmacolite, Domeyko II, 277 (1897).
roselite (Webster) = pink grossular, MM 39, 925 (1974).
roselite-zinc = zincroselite, Nickel & Nichols 249 (1991).
rosellan = pink mica pseudomorph after anorthite, Dana 6th, 1128 (1892).
Rosellan-Rosit = pink mica pseudomorph after anorthite, Doelter IV.3, 1157 (1931); [II.2,979].
rosellite = pink mica pseudomorph after anorthite, Chester 235 (1896).
rose manganese = rhodonite, de Fourestier 304 (1999).
rosembuschita = rosenbuschite, de Fourestier 304 (1999).
rose moonstone = pink marialite or meionite, Read 195 (1988).
rose-muscovite = Mn-rich muscovite, Deer *et al*. III, 16 (1962).
Rosenblätterspat = white calcite, Haditsch & Maus 180 (1974).
rosenite (Zincken) = plagionite, MM 12, 391 (1900).
rosenite (?) = pink mica pseudomorph after anorthite, Chester 235 (1896).
Rosenkvarts = red Fe-Ti-rich quartz ± dumortierite, Zirlin 95 (1981).
rosenkwarts = red Fe-Ti-rich quartz ± dumortierite, Zirlin 96 (1981).
Rosenquarz = red Fe-Ti-rich quartz ± dumortierite, AM 9, 75 (1924).
Rosenrothern Quarz = red Fe-Ti-rich quartz ± dumortierite, LAP 31(10), 8 (2006).
Rosenspat (Emmerling) = calcite, Linck I.3, 2895 (1926).
Rosenspat (?) = Ca-rich rhodochrosite, Linck I.3, 3203 (1927).
Rosenspath = Ca-rich rhodochrosite, Dana 6th, 278 (1892).
rose opal = opal-*CT*, Clark 602 (1993).
rose quartz = red Fe-Ti-rich quartz ± dumortierite, AM 86, 466 (2001); 87, 269 (2002).
rose red quartz = red Fe-Ti-rich quartz ± dumortierite, Egleston 281 (1892).
rose-red spinel = spinel, Egleston 294 (1892).
rose rocks = baryte, MR 39, 277 (2008).
rose ruby = pale-red Cr-rich corundum, Bukanov 42 (2006).
rose sapphire = red gem corundum, László 300 (1995).
rose spar = rhodochrosite or rhodonite, Bukanov 319, 321 (2006).
rose spinel = spinel, Egleston 294 (1892).
rose star quartz = asteriated quartz + rutile, Bukanov 133 (2006).
rose stone = rhodonite, Bukanov 321 (2006).
rose topaz = heated topaz, Thrush 943 (1968).
rose tourmaline = elbaite, László 279 (1995).
Rosettengips = gypsum, Chudoba RI, 55 (1939); [I.3,4283].
rose vitriol = bieberite, Thrush 943 (1968).

rosewood = calcite (coral marble), O'Donoghue 369 (2006).
Rosgeel = realgar, Dana 6th, 33 (1892).
rosickyite = rosickýite, Strunz & Nickel 53 (2001); MR 39, 134 (2008).
rosicler claro = proustite, Dana 6th, 134 (1892).
rosiclere = proustite or pyrargyrite, Clark 602 (1993).
rosicler ferrujinoso = pyrostilpnite ?, Domeyko II, 386 (1897).
rosicler negro = stephanite, Dana 6th, 143 (1892).
rosicler semi prismático = miargyrite, Domeyko II, 385 (1897).
rosicler oscuro = pyrargyrite, Dana 6th, 131 (1892).
rosiérésite = rosièresite, Back & Mandarino 201 (2008); MR 39, 134 (2008).
rosièresite (questionable) = variscite ?, Strunz & Nickel 506 (2001).
rosiersite = rosièresite, Kostov & Breskovaska 191 (1989).
rosilla = Hg-rich silver, Domeyko II, 361 (1897).
rosin blende = yellow sphalerite, Thrush 943 (1968).
Rosinca = rhodochrosite, Strunz 570 (1970).
rosine = pink mica pseudomorph after anorthite, Egleston 258 (1892).
rosin jack = dark-yellow transparent sphalerite, Bates & Jackson 576 (1978).
rosin tin = stibiotantalite, Egleston 69 (1892).
rosin zinc = yellow sphalerite, Thrush 943 (1968).
rosite (Huot) = chalcostibite, Dana 6th, 113 (1892).
Rosit (Svanberg) = pink mica pseudomorph after anorthite, Dana 6th; 398, 621 (1892).
Rosit-Rosellan = pink mica pseudomorph after anorthite, Doelter IV.3, 1157 (1931); [II.2,979].
Roskoelith = roscoelite, Kipfer 133 (1974).
rosolite = pink grossular, MM 14, 409 (1907).
rosrite = variscite, MR 41, 323 (2010).
rossellite = pink mica pseudomorph after anorthite, Clark 603 (1993).
Rossgel or Rossgelb = orpiment, Haditsch & Maus 181 (1974).
rossiite-Ce = unknown, MR 27, 152 (1996).
rössingite = unknown, MM 39, 925 (1974).
Rossini Jewel = synthetic gem tausonite, Nassau 216 (1980).
rossite-meta = metarossite, Nickel & Nichols 249 (1991).
rosslerite = rösslerite, Aballain *et al*. 304 (1968); MR 39, 134 (2008).
rosso antico = compact calcite (marble), Dana 6th, 267 (1892).
rosso Verona = calcite (crinoid marble), O'Donoghue 369 (2006).
rosstrevorite = fibrous stellate epidote, MM 12, 391 (1900).
Rosszahn = ankerite, Egleston 18 (1892).
rosterite = red Na-Li-K-rich beryl, Clark 603 (1993).
Rosthornit = O-poor resin, Dana 5th I, 14 (1882).
rostige Erde = red fine-grained hematite, Haditsch & Maus 54 (1974).
rosy red quartz = Ti-rich quartz, Egleston 281 (1892).
Rotantimon = kermesite, Haditsch & Maus 181 (1974).
Rotantimonerz = kermesite, Kipfer 133 (1974).
Rotaoffkite = green fluorite, Strunz & Nickel 836 (2001).
Rotbleierz = crocoite, Doelter IV.2, 733 (1927).
Rotbrändigerz = proustite, Haditsch & Maus 181 (1974).
Rotbraunstein = rhodonite, Doelter II.1, 728 (1914).
Rotbraunsteinerz = rhodonite or rhodochrosite, Papp 92 (2004).
rotbrendig ertz = proustite, Haditsch & Maus 181 (1974).
rote Arsenblende = realgar, Doelter IV.1, 40 (1925).
rote Arsenikblende = realgar, Haditsch & Maus 181 (1974).

rote Galmei = smithsonite, Linck I.3, 3231 (1927).
rote Glaskopf = red fine-grained hematite, LAP 32(4), 8 (2007).
Roteisenerz = red fine-grained hematite, Chudoba RI, 55 (1939).
Roteisenocker = red fine-grained hematite, Doelter III.2, 629 (1924).
Roteisenrahm = red fine-grained hematite, Chudoba RI, 55 (1939).
Roteisenstein = red fine-grained hematite, Doelter III.2, 629 (1924).
Rötel = red fine-grained hematite ± clay, Doelter IV.3, 1157 (1931).
roten Columbit = tantalite-(Mn), LAP 27(12), 7 (2002).
roten Galmei = smithsonite, Linck I.3, 3231 (1927).
roten Glaskopf = red fine-grained hematite, Strunz 185 (1970).
roter Arsenik = realgar, Haditsch & Maus 11 (1974).
roter Arseniknickel = nickeline, Haditsch & Maus 11 (1974).
roter Bergschwefel = realgar, Haditsch & Maus 182 (1974).
roter Bleispat = crocoite, Kipfer 71 (1974).
roter Braunstein (Emmerling) = rhodonite, Doelter II.1, 728 (1914).
roter Braunstein (Werner) = rhodochrosite, Linck I.3, 3203 (1927).
roter Eisenrahm = fine-grained hematite, Doelter III.2, 629 (1924).
roter Eisenvitriol = botryogen, Doelter IV.2, 574 (1927).
roter Erdkobalt = erythrite, Sinkankas 290 (1972).
roter Galmei = smithsonite, Linck I.3, 3243 (1927).
roter Glaskopf = red fine-grained hematite, Doelter III.2, 629 (1924).
roter Goldschwefel = realgar, Haditsch & Maus 182 (1974).
roter Kieseleisenstein = fine-grained hematite ± clay, Chudoba RII, 62 (1971).
roter Nickelkies = nickeline, Chudoba RII, 105 (1971).
roter Ocker = red fine-grained hematite, LAP 22(5), 10 (1997).
roter Salzton = halite + clay, de Fourestier 305 (1999).
roter Schörl = rutile, Doelter III.1, 16 (1913).
roter Schwefel = realgar, Haditsch & Maus 182 (1974).
roter Toneisenstein = red fine-grained hematite + clay, Chudoba RI, 66 (1939).
roter Vitriol = bieberite, Doelter IV.2, 606 (1927).
Roterz = red fine-grained hematite, Chudoba RI, 55 (1939).
rotes Bleierz = crocoite, Doelter IV.2, 733 (1927).
rotes Braunsteinerz = rhodochrosite or rhodonite, Haditsch & Maus 182 (1974).
rotes Eisenvitriol = botryogen, Haditsch & Maus 182 (1974).
rotes Federspiesglas = kermesite, Chudoba RI, 23 (1939).
rotes Federspiessglas = kermesite, Haditsch & Maus 182 (1974).
rotes Kupferglas = cuprite, Chudoba RI, 36 (1939).
rotes Mn-Silikat = sepiolite, Kipfer 117 (1974).
rotes Pechuran = gummite (becquerelite + fourmarierite + others), Haditsch & Maus 182 (1974).
rotes Quecksilberjodid = coccinite, Doelter IV.3, 153 (1929).
rotes Rauschgelb = realgar, Haditsch & Maus 182 (1974).
rotes Spiessglaserz = kermesite, Doelter IV.1, 791 (1926).
rotes Zinkoxyd = zincite, Haditsch & Maus 182 (1974).
Rotgiltigerz: See dunkles (pyrargyrite), fahles (miargyrite), + lichtes (proustite).
Rotgolderz = pyrargyrite, Doelter IV.3, 1158 (1931).
Rotgülden = proustite or pyrargyrite, Doelter IV.1, 993 (1926).
Rotgüldenerz = pyrargyrite, Doelter IV.1, 242 (1925).
Rotguldenerz = proustite or pyrargyrite, Chudoba RI, 55 (1939).
Rotgültigerz (dunkles) = pyrargyrite, Strunz 139 (1970).

Rotgültigerz (lichtes) = proustite, Strunz 139 (1970).
roth Arsenblende = realgar, Egleston 287 (1892).
Rothbleierz = crocoite, Dana 6th, 1128 (1892).
Roth-Bleyerz = crocoite, Haüy III, 357 (1822).
Rothbraunerz = rhodochrosite, Egleston 290 (1892).
Rothbraunstein = rhodonite or rhodochrosite, Hey 583 (1962).
Rothbraunsteinerz = rhodonite, Dana 6th, 378 (1892).
roth Braunsteinerz = rhodochrosite, Haüy IV, 272 (1822).
rothe Eisenokker = red fine-grained hematite, de Fourestier 305 (1999).
Rotheisenerz = red fine-grained hematite, Dana 6th, 1128 (1892).
Rotheisenocker = red fine-grained hematite, Hintze I.2, 1794 (1908).
Rotheisenrahm = red fine-grained hematite, Egleston 295 (1892).
Rotheisenstein = red fine-grained hematite, Dana 6th, 213 (1892).
Röthel = red fine-grained hematite ± clay, Dana 6th, 215 (1892).
rothel = red fine-grained hematite ± clay, Aballain *et al*. 304 (1968).
Röthelkreide = red fine-grained hematite, Hintze I.2, 1793 (1908).
rother Braunstein = rhodonite, Hintze II, 1155 (1893).
rother Braunsteinerz = rhodochrosite, Dana 6th, 278 (1892).
rother Braunsteinkalk = rhodochrosite or rhodonite, Papp 93 (2004).
rother Eisenocker = red fine-grained hematite, Hintze I.2, 1471 (1906).
rother Eisenokker = red fine-grained hematite, de Fourestier 305 (1999).
rother Eisenrahm = red fine-grained hematite, Dana 6th, 213 (1892).
rother Eisenstein = red fine-grained hematite, Egleston 151 (1892).
rother Eisen-Vitriol = botryogen, Dana 6th, 972 (1892).
rother Erdkobald = erythrite, Egleston 295 (1892).
rother Erdkobalt = erythrite, Haüy IV, 232 (1822).
rother Glaskopf = red fine-grained hematite, Dana 6th, 215 (1892).
rother Kieseleisenstein = fine-grained hematite ± clay, Hintze I.2, 1794 (1908).
rother Mangankiesel = rhodonite, LAP 33(11), 36 (2008).
rother Ocher = red fine-grained hematite, Tschermak 414 (1894).
rother Schorl = rutile or pink gem elbaite, Dana 6th, 237 (1892).
rother Schörl (Born) = rutile, Hintze I.2, 1590 (1906).
rother Schörl (Emmerling) = schorl or axinite or leucite, Hintze I.2, 1590 (1906).
rother Schörl (Kirwan) = pink gem elbaite, Egleston 350 (1892).
rother Vitriol = bieberite, Egleston 45 (1892).
Rotherz = red fine-grained hematite, Hintze I.2, 1813 (1908).
rothes Bleierz = crocoite, Dana 6th, 913 (1892).
rothes Bleyerz = crocoite, Egleston 96 (1892).
rothes Braunstein or Braunsteinerz = rhodochrosite or rhodonite, Papp 90 (2004).
rothes Eisenerz = red fine-grained hematite, Egleston 151 (1892).
rothes Federspiesglas = kermesite, Hintze I.1, 1203 (1904).
rothes Granat-ähnliches neues Fossil = eudialyte, Petersen & Johnsen 50 (2005).
rothes Kupferglas = cuprite, Dana 6th, 206 (1892).
rothes Rauschgelb = realgar, Dana 6th, 33 (1892).
rothes Spiesglaserz = kermesite, Clark 603 (1993).
rothes Zinkoxyd = zincite, Hintze I.2, 1895 (1908).
rothe Toneisenstein = red fine-grained hematite + clay, Hintze I.2, 1797 (1908).
Rothgiltigerz = proustite (lichtes) or pyrargyrite (dunkles), Clark 603 (1993).

Rothgolderz = pyrargyrite, Dana 7th I, 362 (1944).
Rothgülden = pyrargyrite, Goldschmidt IX text, 188 (1923).
Rothgulden = pyrargyrite, Egleston 274 (1892).
Rothguldenerz = pyrargyrite, Hintze I.1, 1055 (1902).
Rothgültigerz = proustite or pyrargyrite, Dana 6th; 131, 134 (1892).
Rothgultigerz = proustite or pyrargyrite, Clark 603 (1993).
Rothgylden = pyrargyrite, Dana 6th, 131 (1892).
Rothhoffit = Mn-Al-rich andradite, Tschermak 489 (1894).
Rothiesenerz = red fine-grained hematite, Clark 603 (1993).
Rothkupfer = cuprite, Hintze I.2, 1903 (1908).
Rothkupfererz = cuprite, Dana 6th, 206 (1892).
Rothkupferglas = cuprite, Hey 583 (1962).
röthlicher Feldspath = rhodonite, Papp 90 (2004).
Rothmanganerz = rhodochrosite, Egleston 290 (1892).
Rothnickelkies = nickeline, Dana 6th, 71 (1892).
rothoffite = Mn-Al-rich andradite, Dana 6th, 443 (1892).
Rothoperment = realgar, Haditsch & Maus 182 (1974).
Rothörke = goethite ± ferrihydrite, Hintze I.2, 2010 (1910).
rothorke = goethite ± ferrihydrite, Aballain *et al*. 304 (1968).
Rothschlag = red sphalerite, Hintze I.1, 558 (1900).
Rothspatch = rhodonite or rhodochrosite, Clark 603 (1993).
Rothspath (Breithaupt) = rhodochrosite, Dana 6th, 278 (1892).
Rothspath (?) = rhodonite, Hintze II, 1155 (1893).
Rothspeissglanzerz = kermesite, Egleston 174 (1892).
Rothspeissglaserz = kermesite, Tschermak 377 (1894).
Rothspiesglanzerz = kermesite, Clark 603 (1993).
Roth-Spiesglaserz = kermesite, Dana 6th, 107 (1892).
Rothspiessglanzerz = kermesite, Dana 6th, 107 (1892).
Roth Spiessglaserz = kermesite, Egleston 323 (1892).
Rothstein (?) = rhodonite or rhodochrosite, Dana 6th, 378 (1892).
Rothstein (?) = hematite, Hintze I.2, 1793 (1908).
Rothzinkerz = zincite, Dana 6th, 208 (1892).
Rötisit = pimelite, Egleston 294 (1892).
Rotkupfer = cuprite, Hintze I.2, 1903 (1908).
Rotkupfererz = cuprite, Doelter IV.3, 1157 (1931).
Rotkupferglanz = cuprite, Haditsch & Maus 182 (1974).
Rotkupferglas = cuprite, Chudoba RI, 56 (1939).
rötlicher Feldspat = rhodonite, Papp 93 (2004).
Rotnickel = nickeline, Doelter IV.3, 1158 (1931).
Rotnickelkies = nickeline, Doelter IV.1, 705 (1926).
Rotoperment = realgar, Haditsch & Maus 182 (1974).
Rotschlag = red sphalerite, Chudoba RI, 56 (1939).
Rotspat (Hausmann) = rhodochrosite, Doelter I, 411 (1911).
Rotspat (?) = rhodonite, Chudoba RI, 56 (1971).
Rotspath = rhodonite or rhodochrosite, Kipfer 134 (1974).
Rotspiegelglanz = kermesite, Haditsch & Maus 183 (1974).
Rotspiesglaserz = kermesite, Chudoba RII, 39 (1971).
Rotspiessglanz = kermesite, Strunz 571 (1970).
Rotspiessglanzerz = kermesite, Doelter IV.1, 791 (1926).
Rotspiessglas = kermesite, Haditsch & Maus 183 (1974).
Rotspiessglaserz = kermesite, Doelter IV.1, 791 (1926).
Rotstein (?) = hematite, Chudoba RI, 56 (1939).
Rotstein (?) = rhodonite, Doelter II.1, 728 (1914).
rotten gold = Pt-rich gold, CM 36, 889 (1998).

rotten stone = opal-*CT*, Bukanov 151 (2006).
rotten topaz = dark-grey Al+H±Li-rich quartz, Bukanov 123 (2006).
Röttisit = pecoraite + willemseite, LAP 31(12), 47 (2006).
rottisite = pecoraite + willemseite, Aballain *et al*. 305 (1968).
röttizite = pecoraite + willemseite, Des Cloizeaux II, XLVI (1893).
rot Toneisenstein = red fine-grained hematite + clay, Strunz 583 (1970).
Rotwerde = hematite, Haditsch & Maus 183 (1974).
Rotzinkerz = zincite, Doelter III.2, 297 (1921).
roubschite = magnesite, Chester 236 (1896).
rouge = red fine-grained hematite, Sinkankas 72 (1972).
rouge byzantin = compact calcite (marble), O'Donoghue 367 (2006).
rouge de rance = compact calcite (marble), O'Donoghue 367 (2006).
rouge-et-gris = compact calcite (coral marble), O'Donoghue 364 (2006).
rouge royal = compact calcite (coral marble), O'Donoghue 368 (2006).
rough stone = diamond, Thrush 946 (1968).
rouille = goethite, de Fourestier 305 (1999).
Rouit = roweite, Chudoba EIV, 81 (1974).
roumänite = amber, Dana 6th I, 60 (1899).
roumanite = amber, MM 12, 391 (1900).
routhiérite = routhierite, MR 39, 134 (2008).
rovigio = calcite (marble), de Fourestier 305 (1999).
rowlandite = rowlandite-(Y), MM 52, 292 (1988).
rowlandite-(Y) = thalénite-(Y).
Royal Azel = dark-violet Mn-rich sugilite, Read 196 (1988).
royal banknote jade = blue-green jadeite, Bukanov 402 (2006).
Royal Clay = kaolinite + quartz + illite ?, Robertson 28 (1954).
Royalite = dark-violet-red glass, MM 39, 925 (1974).
royal jade = actinolite or tremolite, Bukanov 402 (2006).
Royal Lavulite = dark-violet Mn-rich sugilite, MM 46, 525 (1982).
royal purple Aztec agate = banded quartz-mogánite mixed-layer, MM 70, 344 (2006).
Royal Star = synthetic corundum, Nassau 77 (1980).
royal stone = olivine, Bukanov 103 (2006).
Royal Sunstone = gem Na-rich anorthite, O'Donoghue 279 (2006).
royal topaz = blue topaz, Read 196 (1988).
royite = quartz, AM 47, 1223 (1962); 49, 1157 (1964).
rozalin = red Mn-rich clinozoisite, László 236 (1995).
rozelit = roselite, László 236 (1995).
rozellán = muscovite pseudomorph after anorthite, László 236 (1995).
rozena = massive trilithionite or polylithionite, Dana 6th, 625 (1892).
rozhkovite = Pd-bearing auricupride, CM 44, 1560 (2006).
Rozircon = pink spinel, MM 39, 925 (1974).
rozolit = grossular, László 237 (1995).
rózsaberill = red gem Mn-Cs-rich beryl, László 29 (1995).
rózsagránát = red grossular or rhodonite, László 92 (1995).
rózsakvarc = red Fe-Ti-rich quartz + dumortierite, László 237 (1995).
rózsaszínberill = red gem Mn-Cs-rich beryl, László 29 (1995).
rózsaszíngránát = red grossular or rhodonite, László 92 (1995).
rózsaszínholdkő = pink marialite or meionite, László 108 (1995).
rózsaszínturmalin = elbaite, László 279 (1995).
rózsatopáz = heated topaz, László 274 (1995).
rózsaturmalin = elbaite, László 279 (1995).
rózsazafír = red gem corundum, László 300 (1995).
rozskovit = Cu-Pd-Au, László 237 (1995).

ruan yu = actinolite, MA 50, 3806 (1999).
ruan yü = actinolite, MAC short course 37, 231 (2007).
ruarzit = ruarsite, László 237 (1995).
Rubace = red Fe-Ti-rich quartz ± dumortierite, AM 12, 388 (1927).
rubacelle = corundum or spinel, de Fourestier 306 (1999).
rubasse = red Fe-Ti-rich quartz ± fine-grained hematite ± dumortierite, AM 12; 388, 390 (1927).
rubber-sulfur = colloidal sulphur-α, AM 7, 213 (1922).
rubber-sulphur = colloidal sulphur-α, MM 19, 348 (1922).
rubbish = low-quality diamond, Webster & Jobbins 88 (1998).
rubelan = hydrobiotite, Bernard & Hyršl 81 (2004).
rubelita = pink gem elbaite, Zirlin 95 (1981).
rubellan = hydrobiotite, Dana 6th, 632 (1892).
rubellin = pink gem elbaite, MR 1, 53 (1970).
rubellite = pink gem elbaite, Dana 6th, 551 (1892).
ruberite = cuprite, Dana 6th, 206 (1892).
rubi = red gem Cr-rich corundum, Zirlin 95 (1981).
rubi balaje = red gem Cr-rich spinel, Novitzky 19 (1951).
rubi calcedonioso = corundum, de Fourestier 306 (1999).
rubicela = orange gem spinel, Novitzky 279 (1951).
rubicelle = orange gem spinel, Dana 6th, 221 (1892).
Rubicell-Spinell = orange gem spinel, Kipfer 86 (1974).
rubi de roca = quartz, de Fourestier 306 (1999).
rubi de Silesia = Ti-rich quartz, de Fourestier 306 (1999).
rubidievyj mikroklin = Rb-rich microcline, MM 17, 357 (1916).
rubidiojarosite = synthetic alunite $RbFe_3(SO_4)_2(OH)_6$, Clark 605 (1993).
rubidium alunite = hypothetical $RbAl_3(SO_4)_2(OH)_6$, EJM 15, 913 (2003).
Rubidiumfeldspat = rubicline, Doelter IV.3, 1158 (1931); [II.2,527].
rubidium felspar = rubicline, Deer *et al*. IV, 53 (1963).
rubidium iron feldspar = synthetic $Rb[(FeSi_3)O_8]$, AM 57, 1720 (1972).
rubidium jarosite = synthetic alunite $RbFe_3(SO_4)_2(OH)_6$, AM 18, 543 (1933).
Rubidiumkryolith = synthetic Rb_3AlF_6, Doelter IV.3, 313 (1930).
rubidium mica = synthetic $RbAl_2[(AlSi_3)O_{10}]O$, AM 75, 532 (1990).
rubidium-microcline = Rb-rich microcline, MM 17, 357 (1916).
Rubidiummikroklin = Rb-rich microcline, MM 17, 357 (1916).
rubidium orthoclase = Rb-rich orthoclase, MM 1, 88 (1877).
rubie étoile = red gem Cr-rich corundum, Egleston 94 (1892).
Rubiesid = ikunolite + bismuthinite, Kipfer 134 (1974).
rubiesite = ikunolite + bismuthinite, Dana 7th I, 165 (1944).
Rubijn = red gem Cr-rich corundum, Zirlin 96 (1981).
Rubiklin = rubicline, LAP 24(1), 48 (1999).
Rubin = red gem Cr-rich corundum, Hintze I.2, 1739 (1907).
rubina de cinc = sphalerite, de Fourestier 306 (1999).
Rubin-Asterie = red asteriated gem Cr-rich corundum, Chudoba RII, 123 (1971).
Rubin-Balais = violet gem spinel, Hintze I.2, 1750 (1907).
rubin-balas = violet gem spinel, László 237 (1995).
Rubinblende (Emmerling) = dark-red sphalerite, Hintze I.1, 558 (1900).
Rubinblende (hemiprismatishe) = miargyrite, Dana 6th, 116 (1892).
Rubinblende (peritome) = cinnabar, Goldschmidt IX text, 188 (1923).
Rubinblende (rhomboedrische) = proustite or pyrargyrite, Dana 6th; 131, 134 (1892).
rubincsillám = lepidocrocite, László 238 (1995).
rubine d'arsenic = realgar, Dana 6th, 33 (1892).

Rubineisen = lepidocrocite, Chudoba EII, 831 (1960).
Rubinenachat = banded quartz-mogánite mixed-layer, Haditsch & Maus 183 (1974).
rubinförmiger Eisenglimmer = goethite, Egleston 296 (1892).
Rubingirasol = red gem Cr-rich corundum, Strunz 571 (1970).
Rubinglimmer = lepidocrocite, Dana 7th I, 642 (1944).
Rubin-Katzenauge = red gem Cr-rich corundum, Hintze I.2, 1750 (1907).
rubinmacskaszem = red gem Cr-rich corundum, László 238 (1995).
rubino = red gem Cr-rich corundum, CISGEM (1994).
rubino-di-rocca = red gem garnet, Dana 6th, 446 (1892).
rubin orientales octaedrice = red gem Cr-rich spinel, Egleston 324 (1892).
rubin orientales octaedrici, seu octo hedris comprehensi, quae modo triangula sunt, modo trapezia, aliquando hedrae oblongae angulos solidos occupant, etc. = red gem Cr-rich spinel, Dana 6th, 220 (1892).
Rubinpalais = dark-red spinel, Kipfer 134 (1974).
Rubinquarz = Fe-rich quartz ± hematite, Kipfer 191 (1974).
rubinroter Eisenglimmer = lepidocrocite or goethite, Doelter III.2, 668 (1925).
rubinrother Eisenglimmer = lepidocrocite, Egleston 140 (1892).
Rubinschwefel = realgar, Tschermak 376 (1894).
Rubinspat = rhodonite, Haditsch & Maus 184 (1974).
Rubin-Spath = rhodonite, Des Cloizeaux I, 68 (1862).
Rubinspinell = dark-red spinel, Linck I.4, 7 (1921).
rubinus = almandine, Dana 6th, 220 (1892).
rubio = goethite, Hintze I.2, 1831 (1908).
rubí oriental = red gem Cr-rich corundum, Novitzky 226 (1951).
rubis = red gem Cr-rich corundum, Egleston 94 (1892).
rubis-astérié = red asteriated gem Cr-rich corundum, Aballain *et al*. 305 (1968).
rubis-astérisé = red asteriated gem Cr-rich corundum, Kipfer 192 (1974).
rubis balais = red gem Cr-rich spinel, Egleston 296 (1892).
rubis de Bohême = Ti-rich quartz, Egleston 281 (1892).
rubis de Brésil = pink gem elbaite or topaz, de Fourestier 306 (1999).
rubis de Hongrie = pyrope, de Fourestier 306 (1999).
rubis de soufre = realgar, Hintze I.1, 352 (1899).
rubis d'Orient = red gem Cr-rich corundum, Hintze I.2, 1748 (1907).
rubislite = Fe-rich saponite, MM 47, 255 (1983).
rubis oriental = red gem Cr-rich corundum, Egleston 94 (1892).
rubis spinelle octaëdre = red gem Cr-rich spinel, Dana 6th, 220 (1892).
Ruboit = roubaultite, Chudoba EIV, 81 (1974).
rubolite = red opal-*CT*, MM 39, 925 (1974).
rubos = red-brown quartz, Bukanov 123 (2006).
rubra et aeris colore = melanterite + red fine-grained hematite or goethite + pyrite, Dana 6th, 941 (1892).
rubric = red fine-grained hematite, Novitzky 279 (1951).
rubrica = halloysite-10Å ± goethite, Dana 6th, 695 (1892).
rubrica lemnia = halloysite-10Å + goethite, Dana 6th, 696 (1892).
Rubrit = botryogen, AM 23, 753 (1938).
ruby = red gem Cr-rich corundum, EJM 3, 971 (1991).
ruby arsenic = realgar, Thrush 948 (1968).
ruby balas = red Cr-rich spinel, Read 196 (1988).
ruby blende (English miners) = red sphalerite, Dana 6th, 61 (1892).

ruby blende (Jameson) = miargyrite or proustite or pyrargyrite, Clark 605 (1993).
ruby-blende (?) = red transparent zincite, Chester 237 (1896).
ruby cat's eye = red asteriated gem Cr-rich corundum, Thrush 948 (1968).
ruby copper = cuprite, Dana 6th, 206 (1892).
ruby copper ore = cuprite, Thrush 948 (1968).
ruby iron = lepidocrocite, Bukanov 204 (2006).
ruby marble = red gem Cr-rich corundum + calcite (marble), O'Donoghue 366 (2006).
ruby mica = lepidocrocite, Clark 605 (1993).
ruby muscovite = Fe-Ti-rich muscovite, Deer *et al*. III, 22 (1962).
ruby of arsenic = realgar, Chester 237 (1896).
ruby of sulphur = realgar, Chester 237 (1896).
ruby sand = red garnet + quartz, Thrush 948 (1968).
ruby sapphire = red gem Cr-rich corundum or spinel, Dana 6th, 212 (1892).
ruby-silver = proustite or pyrargyrite, Chester 38 (1896).
ruby silver ore = proustite or pyrargyrite, Dana 6th; 131, 134 (1892).
ruby spar = rhodonite, Bukanov 319 (2006).
ruby spinel = red gem Cr-rich spinel, Dana 6th, 220 (1892).
ruby star sapphire = red asteriated gem Cr-rich corundum, Bukanov 48 (2006).
ruby sulfur = realgar, Thrush 948 (1968).
ruby sulphur = realgar, Dana 6th, 1128 (1892).
ruby tin = red cassiterite, Hintze I.2, 1708 (1907).
ruby zinc (Alger) = red transparent zincite, Dana 7th I, 504 (1944).
ruby zinc (English miners) = red sphalerite, Dana 6th, 61 (1892).
ruddle = red fine-grained hematite ± clay, Dana 6th, 215 (1892).
rudolffite = dolomite, Bukanov 272 (2006).
Rudolphit = dolomite, Haditsch & Maus 184 (1974).
ruffite = tazheranite, MM 33, 1149 (1964).
Ruifranconit = ruifrancoite, Weiss 225 (2008).
ruin-agate = banded quartz-mogánite mixed-layer, Dana 6th, 189 (1892).
ruin aragonite = brecciated banded aragonite, Thrush 949 (1968).
Ruinenachat = banded quartz-mogánite mixed-layer, Hintze I.2, 1472 (1906).
Ruinenkalk = banded calcite (marble), Kipfer 167 (1974).
Ruinenmarmor = fine-grained banded calcite (marble), Tschermak 439 (1894).
ruin jasper = banded quartz, AM 12, 391 (1927).
ruin-marble = fine-grained banded calcite, Dana 6th, 267 (1892).
ruinstone = banded calcite (marble), Kipfer 192 (1974).
rukavishnikovite = ternesite, Pekov 368 (1998).
rulite = willemite + quartz + calcite ?, de Fourestier 306 (1999).
rumänischer Bernstein = amber, Dana 6th, 1005 (1892).
rumanischer-bernstein = amber, Aballain *et al*. 306 (1968).
rumänischer gebrannter Bernstein = resin $C_{11}H_{16}O_2$, Chudoba RI, 9 (1939); [I.4,1396].
Rumänit = amber, Dana 6th, 1004 (1892).
rumanite = amber, MM 15, 430 (1910).
Rümanit = amber, Chester 237 (1896).
rumantite = amber, Papp 159 (2004).
Rumanzowit = dark brown grossular, Clark 606 (1993).
Rumjanzowit = dark brown grossular, Clark 606 (1993).
rumongite = Nb-rich rutile ?, MM 29, 993 (1952).

Rumpfit = clinochlore, MA 3, 373 (1927).
rumphite = clinochlore, Caillère & Hénin 334 (1963).
Runit stone = sanidine or Ca-rich albite + quartz, Bukanov 277 (2006).
rusacovite = rusakovite, MM 33, 1149 (1964).
Rusakowit = rusakovite, Chudoba EIII, 275 (1966).
rush gold = gold + goethite or pyrolusite, Thrush 951 (1968).
rusma = marcasite or pyrite ?, de Fourestier 307 (1999).
Russelit = russellite, Chudoba EII, 612 (1958).
Russian alexandrite = blue-green gem Cr-rich chrysoberyl, Thrush 951 (1968).
Russian chrysolite = green gem Fe^{3+}-Cr-rich andradite, Bukanov 112 (2006).
Russian crystal = transparent gypsum, Thrush 951 (1968).
Russian jade = actinolite, Read 196 (1988).
Russian jasper = massive quartz + red hematite, Thrush 951 (1968).
Russian lapis = gem lazurite ± calcite ± scapolite, Thrush 15 (1968).
Russian opal = opal, Bukanov 152 (2006).
Russian stone = malachite, Bukanov 165 (2006).
russischer Lapis = lazurite, Haditsch & Maus 184 (1974).
russischer Stein = muscovite, Kipfer 134 (1974).
russisches Glas = muscovite or gypsum, Haditsch & Maus 184 (1974).
Russkobalt = asbolane, Dana 6th, 258 (1892).
Russkohle = bituminous coal, Egleston 217 (1892).
Russland-Jade = actinolite, LAP 31(7), 81 (2006).
rustenbergite = rustenburgite, Embrey & Fuller 306 (1980).
Rustenit = jaipurite or linnaeite, Chudoba EII, 612 (1958).
rust green = fougèrite, ClayM 33, 676 (1998).
rustite = magnetite or hematite or trevorite (meteorite), MM 25, 643 (1940).
Rustonit = rutheniridosmine, Chudoba EII, 612 (1958).
rusty quartz = quartz ± hematite ± goethite, AM 12, 388 (1927).
ruszakovit = rusakovite, László 238 (1995).
rusztumit = rustumite, László 314 (1995).
Rutania = synthetic gem rutile, Nassau 213 (1980).
rutenarzenit = ruthenarsenite, László 238 (1995).
ruten-iridosmien = rutheniridosmine, Council for Geoscience 777 (1996).
ruteniridozmin = rutheniridosmine, László 238 (1995).
ruteniridozmium = rutheniridosmine, László 238 (1995).
ruténite = jaipurite or linnaeite, Dana 6th, 71 (1892).
rutenium = ruthenium, Council for Geoscience 789 (1996).
ruténiumnyevyanszkit = rutheniridosmine, László 238 (1995).
ruténiumszisszerszkit = Ir-Ru-rich osmium, László 238 (1995).
rutenozmirídium (Aoyama) = rutheniridosmine, László 238 (1995).
rutenozmirídium (Harris & Cabri) = Os-Ru-rich iridium, László 238 (1995).
rutharsite = ruthenarsenite, EG 77, 1335 (1982).
ruthenaarsenite = ruthenarsenite, Mandarino & Back 48 (2004).
Ruthen-Iridosmium = rutheniridosmine, MM 35, 1151 (1966).
ruthenium-nevyanskite = rutheniridosmine, Dana 7th I, 112 (1944).
ruthenium siserskite = Ir-Ru-rich osmium, Dana 7th I, 112 (1944).
ruthenium sulphide = laurite, Dana 6th, 1128 (1892).
ruthenium sulphuret = laurite, Egleston 183 (1892).
ruthenium sysertskite = Ru-Os-rich iridium, Clark 607 (1993).
ruthenium sysetrskite = Ru-Os-rich iridium, Kipfer 192 (1974).
Ruthenosmirid = Os-Ru-rich iridium, Chudoba EII, 336 (1955).

ruthenosmiridium (Aoyama) = rutheniridosmine, Clark 607 (1993).
ruthenosmiridium (Harris & Cabri) = Os-Ru-rich iridium, CM 29, 235 (1991).
rutherfordite (Shepard) = fergusonite, Dana 6th, 730 (1892).
rutherfordite (Marckwald) = rutherfordine, AM 49, 224 (1964).
ruthile = rutile, Clark 607 (1993).
ruthilite = rutile, Chester 237 (1896).
Ruthosmirid = Ru-Os-rich iridium, de Fourestier 307 (1999).
rutiel = rutile, Zirlin 96 (1981).
rutilated quartz = rutile + quartz, AM 12, 388 (1927).
Rutilhämatit = pseudorutile, Kipfer 134 (1974).
rutilio = rutile, Zirlin 97 (1981).
rutilite (Foshag *et al*.) = rutile, AM 21, 189 (1936).
rutilite (Jameson) = titanite, Egleston 347 (1892).
rutilo = rutile, Zirlin 95 (1981).
rutilo lameliforme = brookite, de Fourestier 307 (1999).
rutilohematite = pseudorutile, MM 30, 746 (1955).
Rutilquarz = rutile + quartz, LAP 24(10), 38 (1999).
rutosirita = Os-Ru-rich iridium, AM 36, 638 (1951).
rutylene = hydrocarbon, Egleston 260 (1892).
R.W.S. = quartz + kaolinite + illite ?, Robertson 27 (1954).
ryacolite = sanidine, Dana 6th, 1128 (1892).
Ryakolith = sanidine, Dana 6th, 315 (1892).
ryakonite = sanidine, Chester 238 (1896).
ryo star = ilmenite + quartz, Bukanov 120 (2006).