

O = kaolinite, Robertson 24 (1954).
oakermanite = åkermanite, AM 5, 81 (1920).
oakite = lithiophorite, AM 28, 615 (1943).
O-amphibole = orthoamphibole, MM 33, 884 (1964).
O.B. = quartz + kaolinite + illite ?, Robertson 24 (1954).
O-beryl = Fe³⁺ or Cr³⁺ or V³⁺ or Mn³⁺-rich beryl, JG 28, 417 (2003).
O.B.F. = kaolinite + quartz + illite ?, Robertson 24 (1954).
obligoner Uranophyllit = torbernite, Chudoba RI, 67 (1939); [I.4,989].
oblique mica = muscovite, Dana 6th, 614 (1892).
oblique prismatic arseniate of copper = clinoclase, Egleston 87 (1892).
Oboit = bastnäsite-(Ce) ?, Clark 503 (1993).
oborite = bastnäsite-(Ce) ?, AM 21, 214 (1936).
obradovicite = obradovicite-KCu, MM 75, 31 (2011).
obradovicite-NaCu = hypothetical, MM 75, 31 (2011).
obradovicite-NaNa = hypothetical, MM 75, 31 (2011).
obrenite = olivenite, de Fourestier 249 (1999).
obroetsjewiet = zero-valent-dominant pyrochlore, Council for Geoscience 772 (1996).
obruchevite = zero-valent-dominant pyrochlore, AM 62, 407 (1977), CM 48, 688 (2010).
Obruchewit = zero-valent-dominant pyrochlore, Aballain et al. 257 (1968).
obrucsevit = zero-valent-dominant pyrochlore, László 201 (1995).
obrutschevite = zero-valent-dominant pyrochlore, Kipfer 187 (1974).
Obrutschewit = zero-valent-dominant pyrochlore, Chudoba EII, 800 (1959), EIV, 66 (1974).
obsidianite = glass (tektite or lava), Clark 503 (1993).
obsidienne capillaire = glass (lava), Des Cloizeaux II, XXXVI (1893).
obsidienne du Cantal = orthoclase or opal-CT, Egleston 183 (1892).
obsidienne perlée = glass (lava), Egleston 183 (1892).
obszidiánónix = glass (lava), László 203 (1995).
obvenite = olivenite, AM 44, 1321 (1959).
occhio de Pernice = leucite, Egleston 188 (1892).
occhio di gatto = asteriated quartz, Egleston 280 (1892).
occhio di Pavone = compact calcite (marble), de Fourestier 249 (1999).
occhio di Pernice = leucite, Dana 6th, 342 (1892).
occhio di tigre = quartz pseudomorph after riebeckite, Kipfer 187 (1974).
occidental = low quality gem, Bukanov 136 (2006).
occidental agate = banded quartz-mogánite mixed-layer, AM 12, 393 (1927).
occidental amethyst = violet Fe³⁺-rich quartz, AM 12, 386 (1927).
occidentalberyl = brown gem quartz-mogánite mixed-layer, Bukanov 138 (2006).
occidental carnelian = brown quartz-mogánite mixed-layer, Thrush 760 (1968).
occidental cat's-eye = quartz + fibrous riebeckite, Dana 7th III, 236 (1962).
occidental chalcedony = quartz-mogánite mixed-layer, AM 12, 392 (1927).
occidental cornelian = red quartz-mogánite mixed-layer, Webster & Anderson 959 (1983).
occidental diamond = transparent quartz, AM 12, 385 (1927).
occidental emerald = dark-green Cr-rich beryl, Read 160 (1988).
occidentaler Türkis = Mn⁵⁺-rich fluorapatite, Doelter IV.3, 1150 (1931).
occidentalischer Türkis = Mn⁵⁺-rich fluorapatite, Doelter III.1, 508 (1914).

occidentalische Katzenauge = quartz + fibrous riebeckite, Hintze I.2, 1348 (1905).
occidental sapphire (?) = quartz + fibrous riebeckite, Egleston 281 (1892).
occidental sapphire (?) = blue asteriated gem Fe-Ti-rich corundum or cordierite, Bukanov 48, 197 (2006).
occidental topaz = heated yellow Fe³⁺-rich quartz, AM 12, 387 (1927).
occidental turquoise = Mn⁵⁺-rich fluorapatite, Chester 192 (1896).
occo = quartz, de Fourestier 249 (1999).
Ocean Dream = large diamond, GG 39, 138 (2003).
oceanic jade = antigorite, Bukanov 404 (2006).
ocean spray = fibrous gypsum, de Fourestier 249 (1999).
Ocher = fine-grained hematite or goethite, Hintze I.2; 1793, 1794, 2010 (1908,1910).
Ochergelb = fine-grained goethite ± halloysite-10Å, de Fourestier 249 (1999).
ocherous iron ore = red fine-grained hematite, Clark 329 (1993).
ochra = red fine-grained hematite, Dana 6th, 213 (1892).
ochra cobaltea nigra = asbolane, Dana 7th I, 566 (1944).
ochra cobalti lutea et alba = erythrite + pitticite, de Fourestier 249 (1999).
ochra cobalti rubra = erythrite, Dana 6th, 817 (1892).
ochra cobaltum nigra = asbolane, Egleston 364 (1892).
ochra cupra nigra = tenorite, de Fourestier 249 (1999).
ochra cupra rubra = cuprite + goethite, de Fourestier 249 (1999).
ochra ferri flava = fine-grained goethite, de Fourestier 249 (1999).
ochra ferri rubra = red hematite, de Fourestier 249 (1999).
Ochrageel = fine-grained goethite ± halloysite-10Å, Haditsch & Maus 149 (1974).
Ochran = halloysite-10Å + fine-grained goethite, Dana 6th, 695 (1892).
ochra nativa or ochra native = fine-grained goethite, Dana 7th I, 685 (1944).
Ochra Niccoli = annabergite, Dana 6th, 818 (1892).
ochra rubra = red fine-grained hematite, Dana 6th, 213 (1892).
Ochra wismuthi = bismite or bismutite, Dana 7th I, 599 (1944).
ochre = fine-grained hematite or goethite, Chester 192 (1896).
ochre de bismuth nature = bismite, de Fourestier 249 (1999).
ochre de nickel = zaratite, Egleston 374 (1892).
ochre martial brun = goethite ± halloysite-10Å, Egleston 192 (1892).
ochre of manganese = pyrolusite, de Fourestier 249 (1999).
ochreous iron ore = red fine-grained hematite, Dana 6th, 1118 (1892).
ochreous iro-ore = red fine-grained hematite, Kipfer 187 (1974).
ochreous magnetite = magnetite, Egleston 235 (1892).
ochreous wad = asbolane ± pyrolusite ± manganite ± romanèchite ± cryptomelane, Egleston 364 (1892).
ochre red = red hematite, de Fourestier 249 (1999).
ochre yellow = fine-grained goethite, de Fourestier 249 (1999).
Ochrichten Grün-Eisenstein = dufrénite, LAP 26(12), 23 (2001).
ochrichter Grüneisenstein = dufrénite, Haditsch & Maus 72 (1974).
ochriger Brauneisenstein = fine-grained goethite, Dana 6th, 250 (1892).
ochro de manganesa = romanèchite, Egleston 272 (1892).
Ochroit = cerite-(Ce), Dana 6th, 550 (1892).
Ochrolith = nadorite, AM 27, 653 (1942).

ochry wad = asbolane ± pyrolusite ± manganite ± romanèchite ± cryptomelane, Egleston 364 (1892).
Ochsenauge (Koechlin) = Na-rich anorthite, Clark 504 (1993).
Ochsenauge (?) = fluorite, Kipfer 121 (1974).
Ockenit (original spelling) = okenite, Chester 193 (1896).
Ocker = fine-grained goethite or hematite, Chudoba RI, 47 (1939).
ockergelb = fine-grained goethite ± ferrihydrite ± halloysite-10Å, Dana 6th, 250 (1892).
ockeriger Brauneisenstein = fine-grained goethite ± ferrihydrite ± halloysite-10Å, Haditsch & Maus 149 (1974).
ockeriger Roteisenstein = hematite, Haditsch & Maus 149 (1974).
ockriger Brauneisenstein = fine-grained goethite ± ferrihydrite ± halloysite-10Å, Haditsch & Maus 149 (1974).
ockriger Roteisenstein = hematite, Haditsch & Maus 149 (1974).
ocre = fine-grained goethite ± halloysite-10Å, Egleston 192 (1892).
ocre amarillo = fine-grained goethite + clay, de Fourestier 250 (1999).
ocre de antimoine = stibiconite, Novitzky 318 (1951).
ocre de armenia = fine-grained goethite + clay, de Fourestier 250 (1999).
ocre de bismuto = bismite, Novitzky 28 (1951).
ocre de cobre = tenorite, de Fourestier 250 (1999).
ocre de molibdeno = molybdite, Novitzky 210 (1951).
ocre de montana = hematite + goethite, de Fourestier 250 (1999).
ocre de nickel = zaratite, Egleston 235 (1892).
ocre de nikel = annabergite or bunsenite, de Fourestier 250 (1999).
ocre de níquel = annabergite, Domeyko II, 190 (1897).
ocre de plomo = cerussite, de Fourestier 250 (1999).
ocre de teluro = tellurite, Novitzky 333 (1951).
ocre de tungsteno = tungstite, de Fourestier 250 (1999).
ocre de uranio = becquerelite + fourmarierite + others, Novitzky 353 (1951).
ocre d'uran = becquerelite + fourmarierite + others, Egleston 235 (1892).
ocre d'uranium = becquerelite + fourmarierite + others, Novitzky 353 (1951).
ocre jaune = goethite ± halloysite-10Å, Des Cloizeaux I, 209 (1862).
ocre martiale bleue = vivianite, Dana 6th, 814 (1892).
ocre martiale brune = goethite ± halloysite-10Å, Egleston 235 (1892).
ocre molibdeno = molybdite, de Fourestier 250 (1999).
ocre-vanadifère = cuprite, Aballain et al. 258 (1968).
ocre verde = malachite, de Fourestier 250 (1999).
ocrite superfamily = fine-grained minerals, MM 30, 742 (1955).
ocro de hierro pardo = fine-grained goethite ± halloysite-10Å, Egleston 192 (1892).
ocro de manganesa = romanèchite, Egleston 235 (1892).
ocrolita = nadorite, Novitzky 220 (1951).
octädrisches Phosphorkupfer = libethenite, Egleston 189 (1892).
octaedral-iron-ore = magnetite, Aballain et al. 258 (1968).
octaedrische kupfererz = cuprite, Egleston 100 (1892).
octaedrischer Eisenglanz = magnetite, Egleston 198 (1892).
octaedrischer Korund = gahnite, Haditsch & Maus 104 (1974).
octaedrisches ammoniak Salz = salammoniac, Egleston 297 (1892).
octaedrisches Chrom-Erz = chromite, Des Cloizeaux II, 538 (1893).
octaedrisches Kupfererz = cuprite, Egleston 235 (1892).
octaedrisches Phosphorkupfer = libethenite, Dana 6th, 786 (1892).
octaedrisches phosphorsaures Kupfer = olivenite, Egleston 237 (1892).

octaedrisches Titaneisen-Oxyd = pseudorutile, Egleston 235 (1892).
octaedrisches Titanerz = pyrochlore, Goldschmidt IX text, 190 (1923).
octaedrisches Wismuth = bismuth, Goldschmidt IX text, 191 (1923).
Octaëdrit = anatase, Egleston 235 (1892).
octaèdrite = anatase, Chester 192 (1896).
octahedral beryl = Fe³⁺ or Cr³⁺ or V³⁺ or Mn³⁺-rich beryl, JG 28, 417 (2003).
octahedral alum salt = kalinite, Egleston 171 (1892).
octahedral ammoniac salt = salammoniac, Egleston 297 (1892).
octahedral antimonial = dyscrasite, Egleston 110 (1892).
octahedral antimony = dyscrasite, Egleston 110 (1892).
octahedral arseniate of copper = liroconite, Dana 6th, 853 (1892).
octahedral arsenic acid = arsenolite, Egleston 33 (1892).
octahedral basaltine = augite, Egleston 278 (1892).
octahedral bismuth = bismuth, Egleston 47 (1892).
octahedral borax = tincalconite, MM 14, 405 (1907).
octahedral chrome ore = chromite, Egleston 82 (1892).
octahedral cobalt pyrites = skutterudite, Egleston 235 (1892).
octahedral copper = copper or cuprite, Egleston 91, 92 (1892).
octahedral copper ore = cuprite, Dana 6th, 206 (1892).
octahedral copper phosphate = libethenite, Papp 54 (2004).
octahedral copper pyrites = bornite or chalcopyrite, Egleston 54, 76 (1892).
octahedral corundum = gahnite or spinel, Egleston 131, 235 (1892).
octahedral diamond = diamond, Egleston 104 (1892).
octahedral flour haloid = fluorite, Egleston 129 (1892).
octahedral iron = iron, Egleston 165 (1892).
octahedral iron ore = magnetite, Dana 6th, 224 (1892).
octahedral kouphone Spar = sarcolite, Egleston 300 (1892).
octahedral oxide of titanium = anatase, Egleston 235 (1892).
octahedral palladium = palladium, Egleston 245 (1892).
octahedral sulfur = sulphur- α , Thrush 922 (1968).
octahedral titanium ore = pyrochlore, Egleston 275 (1892).
octahedral tungstic-baryte = microlite, Chester IX (1896).
octahedrite (de Saussure) = anatase, AM 49, 224 (1964).
octahedrite (?) = iron + taenite (meteorite), MM 19, 58 (1920).
octaidrite (de Saussure) = anatase, de Fourestier 250 (1999).
octaphyllite supergroup = trioctahedral mica, Bates & Jackson 457 (1987).
octibbehite = awaruite + taenite or tetrataenite (meteorite), Dana 6th, 30 (1892).
octibbenite = awaruite + taenite or tetrataenite (meteorite), Thrush 761 (1968).
Octobolit = Fe³⁺-rich augite, MM 32, 974 (1961).
octophyllite supergroup = trioctahedral mica, AM 10, 53 (1925).
octorutile = zircon, Bukanov 97 (2006).
octrile = octahedral replacement in clay 2:1 layer, AM 38, 698 (1953).
oculus cati = asteriated quartz, de Fourestier 250 (1999).
oculus mundi = opal-A, Egleston 238 (1892).
oculus piscis = apophyllite, Egleston 24 (1892).
ockowata = halite, Papp 104 (2004).
odalite = sodalite, Egleston 319 (1892).
Odanielit = o'danielite, Weiss 184 (1998).
O'Danielite = o'danielite, Blackburn & Dennen 221 (1997); MR 39, 134 (2008).

o'daniellite = o'danielite, Back & Mandarino 148 (2008).
OD-chondrodite = synthetic $Mg_5(SiO_4)_2(OD)_2$, AM 86, 176 (2001).
oddyite = soddyite, AM 50, 914 (1965).
Odel diamond = baryte, Bukanov 224 (2006).
odem = brown gem quartz-mogánite mixed-layer, Bukanov 408 (2006).
Odenit = biotite, MM 21, 572 (1928).
oderite = biotite, MM 21, 573 (1928).
(OD,F)-chondrodite = OD-rich chondrodite, AM 87, 932 (2002).
odinite (Chester ?) = biotite, MM 21, 572 (1928).
odite = biotite, MM 21, 573 (1928).
Odith = biotite, Haditsch & Maus 149 (1974).
odontolite = Mn^{5+} -rich fluorapatite, AM 86, 1519 (2001).
oedelforsita = laumontite, de Fourestier 250 (1999).
oédélite = prehnite, Chester 192 (1896).
oedoemineliet = Ca-Al-P-O-H, Council for Geoscience 784 (1996).
Oegirin = aegirine, Hintze II, 1128 (1894).
oegrandiet subgroup = uvarovite + grossular + andradite ± goldmanite ± katoite ± kimzeyite ± schorlomite, Council for Geoscience 784 (1996).
oegyryn = aegirine, Des Cloizeaux I, 65 (1862).
oehlkohle = coal, Des Cloizeaux II, 68 (1893).
Oehrenit = clinoenstatite, Doelter IV.3, 1150 (1931).
Oehrli-Diamant = transparent quartz, Kipfer 81 (1974).
Oehrnit = clinoenstatite, MM 14, 405 (1907).
oeil de boeuf = Na-rich anorthite, Clark 505 (1993).
oeil de chat = chatoyant chrysoberyl or quartz or cordierite or diopside or tourmaline or chrysotile, Clark 505 (1993).
oeil de chat oriental = chatoyant chrysoberyl or gem quartz, Lacroix 122 (1931).
oeil-de-faucon = quartz pseudomorph after riebeckite, Aballain et al. 258 (1968).
oeil de fer = hematite + quartz pseudomorph after riebeckite, de Fourestier 251 (1999).
oeil de perdrix = leucite, Dana 6th, 342 (1892).
oeil de poisson = apophyllite-(KF), de Fourestier 251 (1999).
oeil-de-tigre = quartz pseudomorph after riebeckite, Lacroix 122 (1931).
oeil du monde = opal-CT, de Fourestier 251 (1999).
oeklonskowitz = uklonskovite, Council for Geoscience 784 (1996).
oellacherite = Ba-rich muscovite, Dana 6th, 614 (1892).
Oelstein = green massive nepheline, Hintze II, 857 (1892).
oembiet = umbite, Council for Geoscience 784 (1996).
oembozeriet = umbozerite, Council for Geoscience 784 (1996).
O-enstatite = enstatite, EJM 4, 1260 (1992).
oequinolite = obsidian (lava), Egleston 236 (1892).
oeralboriet = uralborite, Council for Geoscience 784 (1996).
oeraliet = actinolite pseudomorph after augite, Council for Geoscience 784 (1996).
oeraloliet = uralolite, Council for Geoscience 784 (1996).
oersdedtite = metamict zircon, Egleston 236 (1892).
oerstedt = metamict zircon, Dana 6th, 486 (1892).
Oerstedtit = metamict zircon, Tschermak 395 (1894).
oervantsewiet = urvantsevite, Council for Geoscience 784 (1996).
oesbekiet = volborthite, Council for Geoscience 784 (1996).
oeschenita = aeschynite, de Fourestier 251 (1999).
oesjkowitz = ushkovite, Council for Geoscience 784 (1996).

oesowiet = usovite, Council for Geoscience 784 (1996).
oestarasiyet = ustarasite, Council for Geoscience 784 (1996).
oesterdite = metamict zircon, Clark 505 (1993).
Oesterreicher = diamond, Hintze I.1, 15 (1898).
oetite = goethite, de Fourestier 251 (1999).
oewarowiet = uvarovite, Council for Geoscience 749 (1996).
Ofenbruch = zinc (slag), Kipfer 121 (1974).
Ofenschwarz = graphite, Doelter I, 57 (1911).
Ofenschwärze = graphite, Doelter IV.3, 1150 (1931).
Ofensteine = serpentine, LAP 31(7), 80 (2006).
O-ferrosilite = ferrosilite, EJM 4, 1261 (1992).
offenbanyer Silber or offobanyer Silber = sylvanite, Papp 111 (2004).
offrétite = offretite, MR 39, 134 (2008).
ofikalcit = banded serpentine + calcite or dolomite (rock), László 201 (1995).
ofiolit = banded serpentine + calcite or dolomite (rock), László 201 (1995).
ofit = serpentine, László 201 (1995).
oftalmita = opal or banded quartz-mogánite mixed-layer, de Fourestier 251 (1999).
oftedalite = Sc-rich milarite, Ciriotti *et al.* 256 (2009).
ogalmatolite = massive pyrophyllite or talc, Clark 519 (1993).
ogcoite = Fe²⁺-rich clinochlore, Dana 6th, 1124 (1892).
ogdensbergite = ogdensburgite, Clark 505 (1993).
Ogkoit = Fe²⁺-rich clinochlore, Dana 6th, 653 (1892).
Ogkonkoit = Fe²⁺-rich clinochlore, Strunz 559 (1970).
ognevik = red massive quartz-mogánite mixed-layer, Bukanov 139 (2006).
OH-Al beidellite smectite = (OH)-Al-exchanged Ca-rich beidellite, ClayM 36, 115 (2001).
OH-Al-hectorite = (OH)-Al-exchanged hectorite, CCM 32, 407 (1984).
OH-Al-montmorillonite = (OH)-Al-exchanged montmorillonite, CCM 32, 407 (1984).
OH-Al smectite = (OH)-Al-exchanged Na-rich montmorillonite, ClayM 36, 117 (2001).
OH-althausite = F-free althausite, AM 65, 488 (1980).
OH-apatite = hydroxylapatite, EJM 11, 1029 (1999).
OH-chondrodite = synthetic Mg₅(SiO₄)₂(OH)₂, Deer *et al.* 1A, 406 (1982).
OH-Cl-F-apatite = F-(OH)-rich chlorapatite, AM 56, 1509 (1971).
OH-clinohumite = hydroxylclinohumite, Deer *et al.* 1A, 406 (1982).
Ohco = clay, Robertson 24 (1954).
OH-ellestadite = hydroxyllelestadite, AM 56, 1509 (1971).
OH,F-althausite = althausite, AM 65, 488 (1980).
(OH,F)-apatite = F-rich hydroxylapatite, AM 65, 489 (1980).
(OH,F)-tremolite = F-rich tremolite, AM 84, 87 (1999).
(OH,F)-richterite = F-rich richterite, AM 84, 87 (1999).
OH,F-wagnerite = OH-rich wagnerite, AM 65, 488 (1980).
OH-jeremejevite = synthetic Al₆B₅O₁₅(OH)₃, CM 19, 303 (1981).
OH-liddicoatite = hypothetical tourmaline Ca(Li₂Al)Al₆(BO₃)₃[Si₆O₁₈](OH)₄, EJM 11, 211 (1999).
ohotszkit = okhotskite, László 201 (1995).
OH-phlogopite = phlogopite, CCM 26, 54 (1978).
OH-pyromorphite = synthetic apatite Pb₅(PO₄)₃(OH), CM 42, 118 (2004).
OH-tremolite = tremolite, AM 57, 1394 (1972).
OH-tyretskite = tyretskite, AM 69, 214 (1984).

oil-coal = bitumen, Dana 6th, 1048 (1892).
oil quartz = quartz + yellow stain, Clark 505 (1993).
oiro preto = palladinite, Atencio 5 (2000).
oisanite (Delam  therie) = anatase, Dana 6th, 240 (1892).
oisanite (de Saussure) = yellow-green epidote, Dana 6th, 516 (1892).
oisanite (Klaproth) = axinite, Chester 193 (1896).
Oisannit = axinite, Chester 193 (1896).
ojamalit = REE-P-rich zircon, L  szl   207 (1995).
ojelit = oyelite, L  szl   207 (1995).
ojo de belo = asteriated quartz, de Fourestier 251 (1999).
ojo de gato = chatoyant chrysoberyl or quartz or cordierite or diopside or tourmaline, Dana 6th, 1124 (1892).
ojo de halcon = quartz pseudomorph after riebeckite, de Fourestier 251 (1999).
ojo de pavo real = compact calcite (marble), de Fourestier 251 (1999).
ojo de perdiz = galena, de Fourestier 251 (1999).
ojo de pescado = apophyllite-(KF), de Fourestier 251 (1999).
ojo de tigre = quartz pseudomorph after riebeckite, Novitzky 338 (1951).
oju  la  ite = ojuelaite, MR 39, 134 (2008).
O.K. = montmorillonite or palygorskite, Robertson 24 (1954).
Oka = kaolinite, Robertson 24 (1954).
OKAA = stan  kite, de Fourestier 251 (1999).
O-kalsilite = trikalsilite, AM 42, 287 (1957).
okanaganite = okanoganite-(Y), AM 72, 1042 (1987).
okanoganite = okanoganite-(Y), AM 65, 1138 (1980).
okcident  lisach  t = banded quartz-mog  nite mixed-layer, L  szl   2 (1995).
okcident  lisametiszt = violet Fe-rich quartz, L  szl   11 (1995).
okcident  lisgy  m  nt = transparent quartz, L  szl   95 (1995).
okcident  liskalcedon = fine-grained quartz, L  szl   122 (1995).
okcident  lismackaszem = chatoyant quartz, L  szl   165 (1995).
okcident  listop  z = heated yellow gem Fe-rich quartz, L  szl   274 (1995).
okcident  list  rkiz = Mn⁵⁺-rich fluorapatite, L  szl   279 (1995).
okenite (Eakle) = nekoite, Clark 488 (1993).
Okenit (Rink) = wollastonite, Dana 6th, 373 (1892).
okenite of Disco Islands, Greenland = pectolite, Egleston 236 (1892).
okermanite =   kermanite, AM 9, 62 (1924).
okhotskite-(Mg) = Mg-rich okhotskite, CM 30, 153 (1992).
okhotskite-(Mn) = okhotskite, Dana 8th, 1208 (1997).
okhotskite-(Mn²⁺) = okhotskite, CM 30, 153 (1992).
Okie Dokie = large diamond, LAP 32(1), 5 (2007).
okker = fine-grained hematite or goethite, L  szl   201 (1995).
okkolite = multicolored epidote, Bukanov 202 (2006).
okktibehite = awaruite + taenite or tetrataenite (meteorite), Hey 88 (1963).
okktibelrite = awaruite + taenite or tetrataenite (meteorite), Hey 88 (1963).
okr  n = halloysite-10   + fine-grained goethite, L  szl   201 (1995).
okrit = fine-grained hematite or goethite, L  szl   201 (1995).
okroit = cerite-(Ce), L  szl   201 (1995).
okrolit = nadorite, L  szl   201 (1995).
oksammiet = oxammite, Council for Geoscience 773 (1996).
oksipetschekiet = Fe³⁺-rich petscheckite, Council for Geoscience 773 (1996).
oksoniewyj pirochlor = hydropyrochlore, Chudoba EIII, 610 (1968).

Oksonioalunit = hypothetical $(\text{H}_3\text{O})\text{Al}_3(\text{SO}_4)_2(\text{OH})_6$, Chudoba EIV, 66 (1974).
oksoniumpirochlor = hydropyrochlore, Council for Geoscience 773 (1996).
oktaedrische Antimonblüte = sénarmontite, Haditsch & Maus 8 (1974).
oktaëdrische Antimonblüte = sénarmontite, Hintze I, 1235 (1904).
oktaedrische Arseniksäure = arsenolite, Haditsch & Maus 149 (1974).
oktaedrischer Bleiglanz = As-Sb-rich galena, Goldschmidt IX text, 176 (1923).
oktaedrischer Borax = pentahydrate, Linck I.4, 149 (1921).
oktaedrischer Demant = diamond, Haditsch & Maus 149 (1974).
oktaedrischer Kobaltkies = skutterudite, Goldschmidt IX text, 182 (1923).
oktaedrischer Korund = gahnite, Goldschmidt IX text, 183 (1923).
oktaedrischer Kupferkies = chalcopyrite, Haditsch & Maus 150 (1974).
oktaedrisches Alaunsalz = kalinite or alum-(K), Haditsch & Maus 150 (1974).
oktaedrisches Ammoniaksalz = salammoniac, Haditsch & Maus 150 (1974).
oktaedrisches Antimonoxyd = sénarmontite, Haditsch & Maus 8 (1974).
oktaedrisches Chromerz = chromite, Haditsch & Maus 150 (1974).
oktaedrisches Eisenerz = magnetite, Goldschmidt IX text, 179 (1923).
oktaëdrisches Fluss-Haloid = fluorite, Hintze I.2, 2419 (1913).
oktaedrisches Kupfer = copper, Haditsch & Maus 150 (1974).
oktaedrisches Kupferarseniat = liroconite, Chudoba RI, 36 (1939); [I.4,954].
oktaedrisches Kupfererz = cuprite, Haditsch & Maus 150 (1974).
oktaedrisches Olivenerz = liroconite, de Fourestier 251 (1999).
oktaedrisches Phosphorkupfer = libethenite, Chudoba RI, 49 (1939); [I.4,638].
oktaedrisches phosphorsaures Kupfer = libethenite, Haditsch & Maus 150 (1974).
oktaedrisches Scheelerz = scheelite, Kipfer 140 (1974).
oktaëdrisches Titaneisen-Oxyd = pseudorutile, Dana 6th, 219 (1892).
oktaedrisches Titanerz = pyrochlore, Haditsch & Maus 150 (1974).
Oktaëdrit = anatase, Dana 6th, 240 (1892).
Oktaëdrit = anatase, Hintze I.2, 1567 (1906).
oktibehite = awaruite + taenite or tetrataenite (meteorite), Dana 6th, 30 (1892).
Oktibehit = awaruite + taenite or tetrataenite (meteorite), Doelter III.2, 767 (1925).
Oktobolit = Fe^{3+} -rich augite, Strunz 559 (1970).
oktofillit supergroup = trioctahedral mica, László 202 (1995).
Oktophyllit supergroup = trioctahedral mica, Strunz 559 (1970).
Olafit = albite, Dana 6th, 328 (1892).
olaszkrizolit = vesuvianite, László 147 (1995).
olaszlápisz = artificially dyed quartz + red hematite, László 156 (1995).
Oldendorf marble = massive gypsum, Bukanov 285 (2006).
Old Mine Clay = kaolinite ± quartz, Robertson 24 (1954).
Old Mine No.4 = kaolinite + quartz + illite ?, Robertson 24 (1954).
old rock = turquoise, de Fourestier 251 (1999).
old turquoise = silicified turquoise, Bukanov 156 (2006).
olefinite = bitumen, AM 55, 1073 (1970).
Olgit-(Ba) = bario-olgitite, Weiss 29 (2008).
Olgit-(Sr) = olgitite, Weiss 191 (2008).
Oligenerz = olivenite or libethenite or pharmacosiderite, Clark 507 (1993).
oligiste = black hematite, AM 49, 224 (1964).

oligiste-iron = black hematite, Kipfer 187 (1974).
oligist iron = black hematite, Dana 6th, 1124 (1892).
oligisto = black hematite, Dana 6th, 213 (1892).
oligisto concrétionné = red fine-grained hematite, Novitzky 177 (1951).
oligoclase (intermediate) = Ca-rich albite, Dana 6th, 325 (1892).
oligoclase-albite = Ca-rich albite, Dana 6th, 332 (1892).
oligoclase-andesine = Ca-rich albite, Clark 506 (1993).
Oligoclase moonstone = gem Ca-rich albite, Thrush 765 (1968).
oligoclasio = Ca-rich albite, CISGEM (1994).
oligoclasite = Ca-rich albite (rock), Chester 193 (1896).
oligoexpandite family = smectite, MM 39, 912 (1974).
oligoklaas = Ca-rich albite, Zirlin 84 (1981).
Oligoklas = Ca-rich albite, Dana 6th, 332 (1892).
Oligoklas-Albit = Ca-rich albite, Dana 6th, 328 (1892).
Oligoklas-Andesin = Ca-rich albite, Hintze II, 1476 (1896).
Oligoklasit = Ca-rich albite, Hintze II, 1482 (1896).
Oligoklas-Mondstein = gem Ca-rich albite, Chudoba EIV, 67 (1974).
oligoklász = Ca-rich albite, TMH. III, 27 (1998).
oligoklászalbit = Ca-rich albite, László 202 (1995).
oligoklászandezin = Ca-rich albite, László 202 (1995).
oligoklászit = Ca-rich albite or rock, László 202 (1995).
Oligoner Markasit = arsenopyrite, Clark 436 (1993).
Oligonit = $MnFe(CO_3)_2$, Clark 506 (1993).
oligonite spar = Mn-rich siderite, Bukanov 326 (2006).
oligonpát = Mn-rich siderite, László 202 (1995).
Oligonsiderit = Mn-rich siderite, MM 27, 273 (1946).
oligon-spar = Mn-rich siderite, MM 27, 273 (1946).
Oligonspat = Mn-rich siderite, Doelter I, 418 (1911).
Oligonspath = Mn-rich siderite, Dana 6th, 276 (1892).
oligonsziderit = Mn-rich siderite, László 202 (1995).
oligosclase-albite = Ca-rich albite, Clark 506 (1993).
oligosiderite = iron-poor meteorite, Dana 6th, 32 (1892).
oligosziderit = iron-poor meteorite, László 202 (1995).
olimpiet = olympite, Council for Geoscience 772 (1996).
olintolit = grossular, László 202 (1995).
olio greggio = oily liquid, Kipfer 187 (1974).
olipaiite = copper + tin (bronze), de Fourestier 252 (1999).
olive copper ore = olivenite or libethenite, Dana 6th, 784 (1892).
olive-green copper ore = olivenite, Dana 6th, 784 (1892).
oliveiraite = tazheranite ?, AM 4, 31 (1919).
oliveirita = tazheranite ?, Atencio 48 (2000).
olive malachite = olivenite, Egleston 237 (1892).
Olivenchalchit = libethenite, Egleston 189 (1892).
olivenchalcite = libethenite, Dana 6th, 1124 (1892).
Oliven-Chalzit = libethenite or olivenite, Papp 53 (2004).
olivene (?) = green gem Cr-rich andradite, Webster & Anderson 959 (1983).
olivene group = olivine, AM 12, 96 (1927).
Olivenerz = olivenite or libethenite or pharmacosiderite, Dana 6th, 784, 786, 847 (1892).
Olivenerz feuilleté = chalcophyllite, de Fourestier 252 (1999).
Olivenerz, in Würfeln = pharmacosiderite, Chudoba RI, 47 (1939); [I.4,912].
Olivenerz rayonné = scorodite, de Fourestier 252 (1999).
olivenite-zincifère = Zn-rich olivenite, Aballain et al. 259 (1968).

olivenkalkit = libethenite, László 202 (1995).
Olivenkupfer = olivenite, Dana 7th II, 859 (1951).
Oliven-Malachit: See diprismatischer (libethenite), hemiprismatischer (vauquelinite), prismatischer (olivenite).
olivenoid = olivine (meteorite), MM 1, 88 (1877).
olive ore = olivenite, Thrush 765 (1968).
olive quartz = transparent quartz, Egleston 280 (1892).
Oliverait = tazheranite ?, Chudoba EII, 595 (1958).
Oliverz = turanite, Chudoba RI, 47 (1939); [I.4,1108].
olivijn = gem forsterite, Zirlin 87 (1981).
olivina = gem forsterite, CISGEM (1994).
olivin basaltine = fayalite, Bukanov 103 (2006).
Olivinchalcit = libethenite, Strunz & Nickel 823 (2001).
olivine group = $G_2(TO_4)_2$, AM 83, 131 (1998).
olivine (?) = green gem Cr-rich andradite, Webster & Anderson 959 (1983).
olivine- α group = olivine, Deer et al. 1A, 17 (1982).
olivine- β = wadsleyite, Deer et al. 1A, 17 (1982).
olivine- γ = ringwoodite, Deer et al. 1A, 17 (1982).
olivino = gem forsterite, Zirlin 87 (1981).
olivinöide = olivine (meteorite), Chester 194 (1896).
olivinore = olivenite, Egleston 237 (1892).
öllacherit = Ba-rich muscovite, Doelter IV.3, 1150 (1931); [II.2,418]
Ollacherit = Ba-rich muscovite, Strunz & Nickel 823 (2001).
ollaire (pierre) = talc, Hintze II, 817 (1891).
ollaris = serpentine or talc, Egleston 310, 336 (1892).
ollite = talc-chlorite mixed-layer, Clark 507 (1993).
Olmec jade = translucent jadeite, AG 21, 301 (2002).
ólom = lead, László 202 (1995).
ólomalunit = osarizawaite, László 202 (1995).
ólomamalgám = leadamalgam, László 202 (1995).
ólomantimonit = jamesonite, László 202 (1995).
ólomantimonpiroklor = monimolite, László 202 (1995).
ólomapatit = pyromorphite, László 202 (1995).
ólomaragonit = Pb-rich aragonite \pm cerussite, László 202 (1995).
ólomarzénapatit = mimetite, László 202 (1995).
ólomarzénit = dufrénoysite, László 202 (1995).
ólomautunit = synthetic $Pb[(UO_2)_2(PO_4)_2] \cdot 10H_2O$, László 202 (1995).
ólombarilit = synthetic $PbBe_2[Si_2O_7]$, László 202 (1995).
ólombariszilit = synthetic $Pb_3[Si_2O_7]$, László 202 (1995).
ólombecquerelit = Pb-rich becquerelite, László 202 (1995).
ólombizmutit = cosalite, László 202 (1995).
ólomcinkkrizolit = larsenite, László 202 (1995).
ólomcinkolivenit = duftite, László 202 (1995).
ólomezüstantimonit = argyrodite or diaphorite, László 203 (1995).
ólomfényle = galena, László 203 (1995).
ólomföldpát = synthetic feldspar $Pb[(Al_2Si_2)O_8]$, László 203 (1995).
ólomglét = massicot, László 203 (1995).
ólomhidroalunit = plumbogummite, László 203 (1995).
ólomhidroxilapatit = synthetic apatite $Pb_5(PO_4)_3(OH)$, László 203 (1995).
ólommalachit = Pb-rich malachite \pm cerussite, László 203 (1995).
ólommézga = plumbogummite, László 203 (1995).
ólomokker = massicot or litharge, László 203 (1995).
ólomparkerit = shandite, László 203 (1995).
ólompát = cerussite, László 203 (1995).

ólomroméit = monimolite, László 203 (1995).
ólomscheelit = stolzite, László 203 (1995).
ólomszaruérc = phosgenite, László 203 (1995).
ólomszelenit = molybdomenite, László 203 (1995).
ólomüveg = glass (lead crystal), László 283 (1995).
ólomvanadátapatit = vanadinite, László 203 (1995).
ólomvitriol = anglesite, László 203 (1995).
olovotantalite = wodginite ?, AM 46, 1514 (1961); 49, 224 (1964).
Olowotantalit = wodginite ?, Chudoba EIII, 303 (1966).
olsanszkiit = olshanskyite, László 203 (1995).
Olschanskit = olshanskyite, Chudoba EIV, 67 (1974).
Olshanskit = olshanskyite, Strunz & Nickel 823 (2001).
olshanskyte = olshanskyite, MM 37, 962 (1970).
olsjanskiit = olshanskyite, Council for Geoscience 772 (1996).
ölstein = nepheline, Haditsch & Maus 149 (1974).
olthalmus = opal-A, de Fourestier 252 (1999).
olvine = olivine, AM 49, 1404 (1964).
Olyntholith = grossular, Chester 194 (1896).
omega zeolite = mazzite-Mg, EJM 8, 691 (1996).
omejit = omeiite, László 203 (1995).
omfacita = omphacite, Novitzky 222 (1951).
omfasiet = omphacite, Council for Geoscience 772 (1996).
ommailouros = asteriated quartz, Egleston 280 (1892).
Omphalos = turquoise, Bukanov 159 (2006).
omphasite = omphacite, CM 40, 1524 (2002).
omphax = quartz-mogánite mixed-layer, Bukanov 408 (2006).
Omphazit = omphacite, Dana 6th, 357 (1892).
ón = tin, László 203 (1995).
onchosine = muscovite ± chlorite ± quartz, Egleston 258 (1892).
oncoite = Fe²⁺-rich clinocllore, Chester 194 (1896).
oncophyllite = muscovite pseudomorph after feldspar, Dana 6th, 616 (1892).
oncosine = muscovite ± chlorite ± quartz, Clark 508 (1993).
oncosite = muscovite ± chlorite ± quartz, Lacroix 60 (1931).
Ondřejit = huntite + magnesite ± sepiolite ?, AM 49, 1502 (1964); 51, 1825 (1966).
Ondrschejit = huntite + magnesite ± sepiolite ?, Chudoba EII, 292 (1954).
Ondrusit = ondrúsite, LAP 36(10), 8 (2011).
Oneallit = oneillite, LAP 25(3), 38 (2000).
Onegit = acicular goethite, Dana 6th, 247 (1892).
ónérc = cassiterite, László 203 (1995).
onesita = goethite, de Fourestier 252 (1999).
ónfakóérc = Sn-rich tetrahedrite, László 203 (1995).
onfalita = diopside, de Fourestier 252 (1999).
óngránát = cassiterite, László 203 (1995).
ónice = banded quartz-mogánite mixed-layer, Dana 6th, 189 (1892).
onicolo = banded quartz-mogánite mixed-layer, Dana 6th, 189 (1892).
oniks = banded quartz-mogánite mixed-layer, Council for Geoscience 772 (1996).
ónix = banded quartz-mogánite mixed-layer, Zirlin 87 (1981).
ónixalabástrom = banded calcite (marble), László 5 (1995).
ónixmárvány = banded calcite or aragonite (marble), László 5 (1995).
ónixopál = banded opal-CT, László 205 (1995).
ónkő = cassiterite, László 140 (1995).

onkofillit = muscovite pseudomorph after feldspar, László 203 (1995).
Onkoit = Fe²⁺-rich clinocllore, Hintze II, 699 (1891).
Onkophyllit = muscovite pseudomorph after feldspar, Dana 6th, 614 (1892).
Onkosin (von Kobell) = muscovite ± chlorite ± quartz, Chester 194 (1896).
Onkosin (?) = kyanite, Doelter IV.3, 1150 (1931); [II.2,13].
Onkosin (normal) = paragonite or aspidolite, Doelter IV.3, 1150 (1931); [II.2,418].
Onkosit = chlorite, Goldschmidt IX text, 186 (1923).
ónkovand = stannite, László 204 (1995).
onkozín = muscovite pseudomorph after cordierite, László 204 (1995).
onnerödite = samarskite-(Y), Des Cloizeaux II, 252 (1893).
Onofrin = Se-rich metacinnabar, Egleston 237 (1892).
Onofrit (Haidinger) = Se-rich metacinnabar, Dana 6th, 64 (1892).
Onofrit (Köhler) = tiemannite + calomel + cinnabar + calcite + quartz, Dana 6th, 981 (1892).
onoratite = onoratoite, MM 36, 1037 (1968).
onotrite = Se-rich metacinnabar, de Fourestier 42 (1994).
onrejite = huntite + magnesite + sepiolite, de Fourestier 253 (1999).
óntantalit = Sn-rich tantalite-(Mn), László 204 (1995).
ontariolite = Ca-rich marialite, Horváth 280 (2003).
Ontario moonstone = albite + Ca-rich albite, Webster & Jobbins 75 (1998).
óntitanit = Sn-rich titanite, László 204 (1995).
Onychel = banded quartz-mogánite mixed-layer, Haditsch & Maus 151 (1974).
onychino = banded quartz-mogánite mixed-layer, LAP 23(6), 48 (1998).
onychion = banded quartz-mogánite mixed-layer, Dana 7th III, 204 (1962).
onychite = banded quartz-mogánite mixed-layer, AM 12, 393 (1927).
onychites = banded calcite, Dana 6th, 268 (1892).
onychiy = banded quartz-mogánite mixed-layer, Bukanov 264 (2008).
Onychstein = banded quartz-mogánite mixed-layer, Haditsch & Maus 151 (1974).
onyegit = goethite + quartz, László 204 (1995).
onyx (Horace) = fine-grained banded calcite, Dana 6th, 268 (1892).
onyx (Pliny) = black-white banded quartz-mogánite mixed-layer, Dana 6th, 189 (1892).
onyx agate = black-white banded quartz-mogánite mixed-layer, Egleston 282 (1892).
onyx alabaster = banded calcite (marble), Thrush 767 (1968).
onyxberyl = brown gem quartz-mogánite mixed-layer, Bukanov 138 (2006).
onyx d'Algérie = calcite, de Fourestier 253 (1999).
onyx gemma = black-white banded quartz-mogánite mixed-layer, Bukanov 137 (2006).
onyxion = black-white banded quartz-mogánite mixed-layer, Bukanov 137 (2006).
onyx marble = banded calcite, Dana 6th, 268 (1892).
Onyxmarmor = banded calcite + clay, Tschermak 437 (1894).
onyx nicolo = black + blue banded quartz-mogánite mixed-layer, Bukanov 137 (2006).
onyx obsidian = banded obsidian (lava), O'Donoghue 833 (2006).
onyx opal = banded opal-CT, Read 161 (1988).
onyx stone = banded quartz-mogánite mixed-layer, AM 12, 393 (1927).
ooguanolite or oöguanolite = (NH₄)-rich arcanite, MM 29, 991 (1952).
oid = spherical grain (calcite or siderite or hematite or aragonite), MM 26, 340 (1943).
öolite = oolitic calcite, Chester 194 (1896).

oolite = spherical grain (calcite or siderite or hematite or aragonite), MM 26, 340 (1943).
oolite opal = opal + inclusions, Bukanov 147 (2006).
oolithische Eisenerz = oolitic goethite ± ferrihydrite, Hintze I.2, 2016 (1910).
oolithischen Kieselgestein = oolitic quartz, Hintze I.2, 1346 (1905).
oolithischer Kalkstein = oolitic calcite, Egleston 238 (1892).
oolithisches Brauneisenerz = oolitic goethite, Novitzky 223 (1951).
öolithisches Eisenerz or oolithisches Eisenerz = oolitic hematite + clay, Egleston 112, 151 (1892).
oolithisches Kieselgestein = oolitic quartz, Hintze I.2, 1421 (1905).
oolithkorn = spherical grain (calcite or siderite or hematite), Chudoba RII, 93 (1971).
Oolith von oon = oolitic goethite, LAP 16(9), 9 (1991).
oolitic clay iron = oolitic siderite + clay, Egleston 312 (1892).
öolitic iron ore = oolitic goethite, Novitzky 223 (1951).
öolitic quartz = oolitic quartz, Hey 544 (1962).
Oolongolite = synthetic gem garnet, MM 54, 668 (1990).
oonachatae = fine-grained banded quartz, MM 13, 374 (1903).
oonguanolite = (NH₄)-rich arcanite, de Fourestier 253 (1999).
Öösit or oosite = muscovite pseudomorph after cordierite, Dana 6th, 622 (1892).
oozit = muscovite pseudomorph after cordierite, László 313 (1995).
opaal = opal, Zirlin 88 (1981).
Opacit = black opal or rutile or magnetite or other, Dana 5th II, 42 (1882).
opala = opal, Zirlin 89 (1981).
Opalachat = banded opal-CT, Chudoba EII, 292 (1954).
opal-AG = opal-A, AM 76, 1863 (1991).
opal-agate = banded quartz-mogánite mixed-layer + opal-CT, Chester 195 (1896).
opálalofán = halloysite-10Å + variscite, László 205 (1995).
opal-allophane = halloysite-10Å + variscite, Dana 6th, 694 (1892).
opal-AN = opal-CT, AM 76, 1863 (1991).
opalartiger Kieselsinter = opal-CT, Egleston 238 (1892).
opal-C = colloidal cristobalite, JGSA 18, 57 (1971).
opal cat's eye = opal + fibrous riebeckite, Webster & Anderson 952 (1983).
Opalchalcedon = yellow-green opal-CT, Papp 117 (2004).
opale = opal-CT, Egleston 238 (1892).
opale à flammes = orange-red gem opal-A, Novitzky 121 (1951).
opale aqueuse = colorless opal-CT, de Fourestier 253 (1999).
opale arlequin = orange-red gem opal-A, Egleston 238 (1892).
opale bleuâtre = opal-A, Egleston 238 (1892).
opale commune = opal-CT, Des Cloizeaux I, 26 (1862).
opale couleur de feu = orange-red gem opal-A, Egleston 238 (1892).
opale-de-bois = opal-CT pseudomorph after wood, Aballain et al. 260 (1968).
opale de feu = orange-red gem opal-A, Egleston 238 (1892).
opale ferrugineuse = red Fe-rich opal-CT, Des Cloizeaux I, 23 (1862).
Opal-Eisenstein = red Fe-rich opal-CT, Hintze I.2, 1507 (1906).
opale-jaspeuse = opal-CT, Aballain et al. 260 (1968).
opale-laiteuse = white opal-CT, Aballain et al. 243 (1968).

opale ligneuse = opal-CT pseudomorph after wood, de Fourestier 253 (1999).
opale-mousseuse = opal + pyrolusite, Aballain *et al.* 260 (1968).
opale nectique = opal-CT, Lacroix 122 (1931).
opale noble = gem opal-A, Egleston 239 (1892).
opale-noire = black gem opal-A, Aballain *et al.* 261 (1968).
opale-oeil-de-chat = opal + fibrous riebeckite, Aballain *et al.* 261 (1968).
opale orientale = opal-A, de Fourestier 253 (1999).
opale perlière = opal-CT, Novitzky 234 (1951).
opale-resinite = opal-CT, Aballain *et al.* 261 (1968).
opale résinoïde = opal-CT, Des Cloizeaux I, 23 (1862).
opale-rose = opal, Aballain *et al.* 261 (1968).
opalescent cat's-eye = chatoyant chrysoberyl, Thrush 767 (1968).
opalescent chrysolite = green chrysoberyl, Egleston 83 (1892).
opalescent feldspar = Na-rich anorthite, Egleston 181 (1892).
opalescent jasper = quartz-mogánite mixed-layer or opal-CT, Bukanov 143, 151 (2006).
opalescent sapphire = blue gem Fe-Ti-rich corundum, Egleston 94 (1892).
Opal-Essence = glass, Nassau 274 (1980).
opale terreuse = opal-CT, Egleston 239 (1892).
opale xyloïde = opal-CT pseudomorph after wood, Novitzky 363 (1951).
Opalin-Allophan = halloysite-10Å + variscite, Chester 195 (1896).
opaline (Rogers) = opal-CT pseudomorph after serpentine, AM 16, 396 (1931).
opaline allophane = halloysite-10Å + variscite, Egleston 239 (1892).
opaline feldspar = Na-rich anorthite, Dana 6th, 335 (1892).
opaline lenzinite = halloysite-10Å, Egleston 148 (1892).
opalisierender Feldspat = orthoclase, Haditsch & Maus 151 (1974).
opalisierender Rubin = red gem Cr-rich corundum, Chudoba RI, 56 (1939).
opalisierender Saphir = blue gem Fe-Ti-rich corundum, Chudoba RI, 57 (1939).
opalisirender feldspath = orthoclase, Egleston 241 (1892).
opalisirender Rubin = red gem Cr-rich corundum, Hintze I.2, 1750 (1907).
opalisirender Saphir = blue gem Fe-Ti-rich corundum, Hintze I.2, 1750 (1907).
opalisirinder feldspath = orthoclase, Egleston 239 (1892).
opalite (?) = opal-CT, Chester 195 (1896).
Opalite (Koivula & Kammerling) = plastic imitation opal, MM 54, 668 (1990).
Opalite (trade name) = synthetic gem tazheranite, AG 22, 271 (2005).
opalized wood = opal-CT pseudomorph after wood, Egleston 239 (1892).
opal-jasper = red Fe-rich opal-CT, Dana 6th, 195 (1892).
Opaljaspis = red Fe-rich opal-CT, Hintze I.2, 1476 (1906).
Opalkatzenauge = opal + fibrous riebeckite, Chudoba EII, 292 (1954).
Opalkieselsinter = opal-CT, Kipfer 122 (1974).
opálmacskaszem = chatoyant opal-A, László 165 (1995).
opal mother = opal + rock, Thrush 768 (1968).
Opalmutter = opal + rock, Hintze I.2, 1516 (1906).
ópalo = opal, Zirlin 87 (1981).
Opalobsidian = opal-CT, Hintze I.2, 1512 (1906).
ópalo de fuego = orange-red gem opal-A, Novitzky 121 (1951).
ópalo leñoso = colorless opal-CT pseudomorph after wood, Novitzky 363 (1951).

opálónix = banded opal-CT, László 203 (1995).
ópalo noble = gem opal-A, Novitzky 218 (1951).
Opalonyx = banded opal-CT, Hintze I.2, 1502 (1906).
Opal-Oolith = opal-CT, Hintze I.2, 1525 (1906).
opal pebble = red massive quartz-mogánite mixed-layer, Bukanov 139 (2006).
Opal-Sandstein = opal-CT + quartz, Hintze I.2, 1526 (1906).
Opalschiefer = banded opal-CT, Hintze I.2, 1508 (1906).
Opalsinter = opal-CT, Doelter II.1, 243 (1913).
opálszinter = opal-CT, László 96 (1995).
opal-T = colloidal tridymite, AM 92, 11326 (2007).
Opal-Tigerauge = opal-CT pseudomorph after wood, Hintze I.2, 1349 (1905).
opalus = opal-A, Dana 6th, 194 (1892).
opálüveg = glass, László 283 (1995).
opercolo = calcite, CISGEM (1994).
operculum = calcite, O'Donoghue 678 (2006).
operkulit = calcite, László 165 (1995).
operment = orpiment, Dana 6th, 35 (1892).
óphéret = lead, Egleston 184 (1892).
ophicalcite = banded serpentine + calcite ± dolomite (marble), Dana 6th, 671 (1892).
ophicite = banded serpentine + calcite ± dolomite (marble), Read 163 (1988).
ophiolite = banded serpentine + calcite ± dolomite (marble), Dana 6th, 671 (1892).
Ophit = serpentine, Hintze II, 765 (1890).
ophitae = serpentine, Dana 6th, 669 (1892).
ophites = serpentine, Dana 6th, 669 (1892).
ophthalmite = banded aragonite, Bukanov 264 (2006).
Ophthalmos = opal-A, Kipfer 122 (1974).
ophthalmus lapis = opal-A, Bukanov 151 (2006).
opsimose = birnessite + other, MM 42, 279 (1978).
optical calcite = transparent calcite, Thrush 770 (1968).
optischer Spat = fluorite, LAP 26(7/8), 55 (2001).
optischzweiaxiger Glimmer = muscovite, Egleston 223 (1892).
o-Pyroxene group = orthopyroxene, MM 13, 374 (1903).
or = gold, Hintze I.1, 238 (1898).
or amalgamé = moschellandsbergite, Egleston 240 (1892).
orange bornite = renierite or mawsonite or stannite, AM 50, 900 (1965).
orange lead ore = crocoite, Bukanov 230 (2006).
orange stannite = mawsonite, AM 50, 901 (1965).
orange topaz = heated yellow gem Fe³⁺-rich quartz, AM 12, 390 (1927).
Orangit = orange U-rich thorite, Dana 6th, 488 (1892).
oranite = Ca-rich orthoclase + K-rich anorthite, AM 7, 180 (1922).
oransite = Fe-rich enstatite + olivine (meteorite), Thrush 776 (1968).
or argentifère = Ag-rich gold, Egleston 240 (1892).
oravicit = sauconite ?, László 205 (1995).
oraviczait = sauconite ?, Papp 76 (2004).
Oraviczit = sauconite ?, Hintze II, 839 (1892).
Oravitait = sauconite ?, Dana 6th, 696 (1892).
Oravizit = sauconite ?, Chester 195 (1896).
Orawiczit = sauconite ?, Egleston 240 (1892).
Orawitzit = sauconite ?, Des Cloizeaux I, 195 (1862).
orawizite = sauconite ?, Kipfer 187 (1974).

orbicular agate = banded quartz-mogánite mixed-layer, Schumann 134 (1977).
orbikulárisjáspis = massive quartz + red hematite, László 118 (1995).
or bismuthifère = maldonite, de Fourestier 254 (1999).
or bismuthique = sylvanite, Papp 75 (2004).
or blanc = sylvanite, Haüy III, 226 (1822).
or blanc de Colombie = moschellandsbergite, Egleston 139 (1892).
or blanc dendritique = sylvanite, Papp 110 (2004).
or blanc d'Offenbanya, ou graphique = sylvanite, Dana 6th, 103 (1892).
or blanc écaillé = tellurium, Papp 122 (2004).
orchid stone = violet Fe³⁺-rich quartz, Bukanov 131 (2006).
or de chat = biotite, Egleston 212 (1892).
or de Nagyac or or de Nagyag = nagyágite, Papp 72 (2004).
or des chats = biotite, Dana 6th, 613 (1892).
ordite = massive gypsum pseudomorph after fibrous serpentine, AM 43, 1222 (1958).
or d'Offenbanya = sylvanite, Egleston 240 (1892).
ordoñezite = ordoñezite, MA 54, 794 (2003); MR 39, 134 (2008).
orebroite = örebroite, Clark 591 (1993); MR 39, 134 (2008).
ore flower = multicolored fluorite, Bukanov 168 (2006).
Orefraction = zircon, Thrush 773 (1968).
Oregon diamond = translucent quartz, Bukanov 392 (2006).
oregoniholdkő = quartz-mogánite mixed-layer, László 108 (1995).
oregonite (?) = red massive Fe-rich quartz, Bukanov 292 (2006).
Oregon jade = dark-green quartz-mogánite mixed-layer, Read 166 (1988).
Oregon moonstone = quartz-mogánite mixed-layer, Read 166 (1988).
Oregon sunstone = Na-Cu-rich anorthite, GG 47, 150 (2011).
ore of antimony = bournonite, Dana 6th, 126 (1892).
ore of columbium = columbite-(Fe), Dana 6th, 731 (1892).
ore of iridium, consisting of iridium and osmium = Ir-rich osmium, Dana 6th, 27 (1892).
ore of plumbum album = cassiterite, Egleston 69 (1892).
ore of tellurium = tetradymite, Dana 7th I, 161 (1944).
ore of the plumbum album = cassiterite, Dana 6th, 234 (1892).
ore of titanium = goethite, Dana 7th I, 680 (1944).
Orfeit = P-rich hinsdalite, Chudoba EIV, 68 (1974).
or feuilletée = nagyágite, Papp 72 (2004).
organic salts of iron = humboldtine ?, MM 1, 88 (1877).
organite = breccia aragonite, Bukanov 263 (2006).
or graphique = sylvanite, Dana 6th, 1124 (1892).
or gris = nagyágite, Papp 75 (2004).
or gris jaunâtre = krennerite or sylvanite, Egleston 178 (1892).
or gris lamelleux = nagyágite, Dana 6th, 105 (1892).
Orichalcit = aurichalcite, Dana 6th, 298 (1892).
oriental = gem quality, Bukanov 136 (2006).
oriental agate = translucent banded gem quartz-mogánite mixed-layer, AM 12, 393 (1927).
oriental alabaster = fine-grained banded gem calcite, Dana 6th, 268 (1892).
oriental almandine = violet-red gem corundum, Read 166 (1988).
oriental amethyste = violet gem corundum, Kipfer 188 (1974).
oriental amethyst = violet gem corundum, Dana 6th, 212 (1892).
oriental aquamarine = blue-green gem Fe-Ti-rich corundum, Egleston 94 (1892).

oriental beryl = green asteriated gem corundum, Thrush 774 (1968).
oriental carnelian = dark-red gem quartz-mogánite mixed-layer, Thrush 774 (1968).
oriental cat's-eye (?) = chatoyant gem chrysoberyl, Dana 6th, 188 (1892).
oriental cat's-eye (?) = blue gem Fe-Ti-rich corundum, Webster & Anderson 959 (1983).
oriental chalcedony = translucent gem quartz-mogánite mixed-layer, AM 12, 392 (1927).
oriental chrysoberyl = yellow-green gem corundum, Read 166 (1988).
oriental chrysolite = gem chrysoberyl or corundum, Dana 6th, 452 (1892).
oriental cornelian = dark-red gem quartz-mogánite mixed-layer, Read 166 (1988).
oriental diamond = colorless gem corundum or translucent quartz, Bukanov 48, 392 (2006).
oriental emerald = green gem corundum or Fe³⁺-rich spinel, Read 166 (1988).
oriental-emeraude = green gem corundum or Fe³⁺-rich spinel, Kipfer 188 (1974).
oriental garnet = gem almandine, Dana 6th, 437 (1892).
oriental girasol = blue gem Fe-Ti-rich corundum, Thrush 775 (1968).
oriental hyacinth = blue gem Fe-Ti-rich corundum, Chester 195 (1896).
orientálisachát = translucent banded gem quartz-mogánite mixed-layer, László 2 (1995).
orientálisakvamarin = blue-green gem Fe-Ti-rich corundum or topaz, László 5 (1995).
orientálisalabástrom = fine-grained banded gem calcite or aragonite, László 5 (1995).
orientálisametiszt = violet gem corundum or spinel, László 11 (1995).
orientalisch Chrysolith = gem corundum or chrysoberyl, Hintze I.2, 1750 (1907).
orientalische Alabaster = fine-grained banded gem calcite, Tschermak 437 (1894).
orientalisch Edelstein = gem corundum, Hintze I.2, 1750 (1907).
orientalische Edelsteine = gem corundum, Chudoba RI, 47 (1939).
orientalischer Amethyst = violet gem corundum, Hintze I.2, 1750 (1907).
orientalischer Aquamarin = blue-green gem Fe-Ti-rich corundum, Hintze I.2, 1750 (1907).
orientalischer Chrysolith = gem chrysoberyl or corundum, Chudoba RI, 16 (1939).
orientalischer Girasol = blue gem Fe-Ti-rich corundum, Hintze I.2, 1750 (1907).
orientalischer Granat = gem almandine, Dana 6th, 427 (1892).
orientalischer Hyazinth = blue gem Fe-Ti-rich corundum, Chudoba RI, 39 (1939).
orientalischer Korund = violet gem corundum, Haditsch & Maus 152 (1974).
orientalischer Opal = gem opal-A, Hintze I.2, 1505 (1906).
orientalischer Rubin = red gem Cr-rich corundum, Doelter III.2, 436 (1922).
orientalischer Saphir = blue gem Fe-Ti-rich corundum, Doelter III.2, 436 (1922).
orientalischer Smaragd = green gem corundum or Fe³⁺-rich spinel, Doelter III.2, 436 (1922).
orientalischer Topas = yellow gem corundum, Hintze I.2, 1750 (1907).
orientalischer Türkis = gem turquoise, Dana 6th, 844 (1892).

orientalisches Katzenauge = chatoyant gem chrysoberyl, Haditsch & Maus 96 (1974).
orientalisch Hyazinth = blue gem Fe-Ti-rich corundum, Hintze I.2, 1750 (1907).
orientálisgránát = gem almandine, László 92 (1995).
orientálisgyémánt = gem corundum, László 95 (1995).
orientálisziacint = blue gem Fe-Ti-rich corundum, László 102 (1995).
orientálisjade = gem actinolite, László 116 (1995).
orientálisjáspis = green + yellow gem quartz ± hematite ± hornblende, László 118 (1995).
orientáliskalcedon = translucent gem quartz-mogánite mixed-layer, László 122 (1995).
orientáliskrizolit = gem corundum or chrysoberyl, László 147 (1995).
orientalisk Rubin = red gem Cr-rich corundum, Dana 6th, 210 (1892).
orientálistackaszem = chatoyant gem chrysoberyl, László 165 (1995).
orientálissmaragd = green gem corundum or Fe³⁺-rich spinel, László 247 (1995).
orientálisrubin = red gem Cr-rich corundum, László 237 (1995).
orientálistopáz = yellow gem corundum, László 274 (1995).
orientálistürkiz = gem turquoise, László 279 (1995).
oriental jasper = green + yellow gem quartz ± hematite ± hornblende, MM 33, 1146 (1964).
oriental jade = jadeite, Bukanov 402 (2006).
oriental lapis = gem lazurite ± calcite ± scapolite, Thrush 775 (1968).
oriental moonstone = blue gem Fe-Ti-rich corundum, Thrush 775 (1968).
oriental onyx = fine-grained banded gem quartz, AM 12, 393 (1927).
oriental opal = gem opal-A, Egleston 239 (1892).
oriental peridot = green gem corundum, Egleston 94 (1892).
oriental ruby = red gem Cr-rich corundum, Dana 6th, 212 (1892).
oriental sapphire = blue gem Fe-Ti-rich corundum, Chester 195 (1896).
oriental sardonyx = fine-grained banded gem quartz, AM 12, 393 (1927).
oriental smaragd = green gem corundum or Fe³⁺-rich spinel, de Fourestier 254 (1999).
oriental sunstone = red or yellow gem corundum, Thrush 775 (1968).
oriental topaz = yellow gem corundum, Dana 6th, 212 (1892).
oriental turquoise = gem turquoise, Clark 510 (1993).
oriental vermeille = brown corundum, Thrush 775 (1968).
orientischer Amethyst = violet gem corundum, Haditsch & Maus 152 (1974).
origervfite or origerwfite = Mg-rich hisingerite, Chester 195 (1896).
oriléite = löllingite, de Fourestier 255 (1999).
orileyite = domeykite + algodonite, Dana 6th, 44 (1892).
O'Rileyite = domeykite + algodonite, Clark 510 (1993).
oripiment = orpiment, Bukanov 146, 149 (2006).
or-iridifère = Ir-rich gold, Aballain et al. 262 (1968).
orisiet = epistilbite, Council for Geoscience 772 (1996).
Orissa garnet = gem Fe²⁺-rich pyrope, Bukanov 106 (2006).
oristes or orites or orities = hematite ?, de Fourestier 255 (1999).
orizite = epistilbite, AM 57, 592 (1972).
orlandinite = boulangerite, MM 25, 640 (1940).
Orlandit = boulangerite, Kipfer 122 (1974).
orletz = gem Fe²⁺-rich pyrope, Read 166 (1988).
orlite = kasolite, AM 43, 381 (1958).
Orlow = large diamond, Hintze I.1, 19 (1898).
Orlowasalz = halite, Papp 105 (2004).

Orly diamond = translucent quartz, Bukanov 391 (2006).
örmény kő = azurite or gem lazurite, László 140 (1995).
or musif natif = stannite, Egleston 325 (1892).
Ornamental Spar = fluorite, Bukanov 168 (2006).
or natif = gold, Haüy III, 235 (1822).
or natif telluré = calaverite + others, Lacroix 122 (1931).
orneblenda = ferrohornblende or magnesiohornblende, Zirlin 68 (1981).
orneblenda labradorica = Fe-rich enstatite or Mg-rich ferrosilite, de Fourestier 255 (1999).
Ornetit = Te-rich ikunolite, Clark 510 (1993).
orniblenda = ferrohornblende or magnesiohornblende, AM 63, 1051 (1978).
ornithite = CO₂-rich hydroxylapatite pseudomorph after brushite, AM 28, 225 (1943).
ornitit = CO₂-rich hydroxylapatite pseudomorph after brushite, László 205 (1995).
or noir = palladinite, CM 36, 887 (1998).
oro = gold, Egleston 139 (1892).
orobites = oolitic calcite, Egleston 65 (1892).
oro branco = Pt-rich gold, CM 36, 888 (1998).
oroche = gold or silver-3C, Dana 6th, 15 (1892).
oro de Lavadero = alluvial gold, Kipfer 188 (1974).
oro de Los Gatos = muscovite, de Fourestier 255 (1999).
oro dendritico = sylvanite, de Fourestier 255 (1999).
orodontolite = Mn⁵⁺-rich fluorapatite, GT 18, 111 (2002).
oro gráfico = sylvanite, Dana 6th, 103 (1892).
oro-graphico = sylvanite, Dana 7th I, 338 (1944).
oro musivo nativo = stannite or kuramite ?, de Fourestier 255 (1999).
oro nativo = gold, Dana 6th, 14 (1892).
oro problematico = tellurium, de Fourestier 255 (1999).
oropiment or oropimento = orpiment, Dana 6th, 35, 1124 (1892).
Oropion = halloysite-10Å + goethite, Dana 6th, 688 (1892).
oro poudre = Pd-rich gold, Egleston 139 (1892).
oro pudre = Pd-rich gold, MM 1, 88 (1877).
Oroseit = goethite + chlorite or quartz pseudomorph after olivine, AM 12, 96 (1927).
oroszjade = actinolite, László 116 (1995).
oroszkrizolit = green gem Cr-rich andradite, László 147 (1995).
oro verde = cobalt-60 treated green-gold quartz, GJ 17(2), 8 (2008).
or palladié = Pd-rich gold, Egleston 139 (1892).
Orpement = orpiment, Chudoba RII, 92 (1971).
Orperment = orpiment, Hintze I.1, 361 (1898).
orpheite (discredited) = P-rich hinsdalite, AM 61, 176 (1976); MM 74, ?? (2010).
orpimento = orpiment, Zirlin 88 (1981).
orpin = orpiment, Egleston 241 (1892).
or problématique = tellurium, de Fourestier 254 (1999).
orseliet = orcelite, Council for Geoscience 772 (1996).
Orsital = red gem Cr-rich corundum, Bukanov 53 (2006).
Orstedit = metamict zircon, Clark 505 (1993).
örstedtit = metamict zircon, Doelter III.1, 136 (1913).
Orsugisat = cryolite, Hintze I.2, 2513 (1913).
Orthamphibol group = orthoamphibole, MM 20, 462 (1925).
Orthaugit group = orthopyroxene, MM 20, 462 (1925).
Orthit = allanite-(Ce), AM 72, 1040 (1987).

orthite-epidote = allanite-(Y), MA 2, 25 (1923).
orthoamphibole group = anthophyllite + gedrite + holmquistite, MM 61, 303 (1997).
orthoantigorite = lizardite-6 T_1 , CM 14, 320 (1976).
ortho-armalcolite = blue-grey fine-grained armalcolite, AM 59, 632 (1974); MM 43, 1055 (1980).
Orthoaugit group = orthopyroxene, MM 13, 374 (1903).
Orthoberthierin = berthierine-1H, Strunz 457 (1970).
orthobrochantite (IMA 2009-E) = brochantite-MD0₁, EJM 22, 453 (2010).
Orthobromid = Br-rich chlorargyrite, MM 15, 426 (1910).
orthobromite = Br-rich chlorargyrite, MM 15, 426 (1910).
orthobronzite = Fe²⁺-rich enstatite, AM 73, 1131 (1988).
orthocalcioandryobersite = andyrobertsite-2O, IMA 2000-011.
orthochamosite (polytype) = chamosite-1O_{1b} (AIPEA approved), CM 13, 178 (1975).
ortho-chevkinite = chevkinite-(Ce), MM 30, 742 (1955).
orthochlorite group = trioctahedral chlorite, Dana 6th, 643 (1892).
orthochrysotile (polytype) = chrysotile-2O_{c1}, CM 13, 227 (1975); 44, 1558 (2006).
orthoclase = partially ordered microcline, CM 36, 916 (1998).
orthoclase-felsite = orthoclase, Egleston 242 (1892).
orthoclase ferrique = synthetic feldspar K[(FeSi₃)O₈], Clark 512 (1993).
orthoclaseite = orthoclase, Clark 512 (1993).
orthoclasite = orthoclase (rock), Dana 6th, xli (1892).
orthoclorita = clinochlore, de Fourestier 255 (1999).
Orthodiadochit = diadochite, Chudoba RI, 47 (1939); [I.4,745].
orthodolomite = dolomite, Bates & Jackson 468 (1987).
orthoenstatite = enstatite (Pbca), AM 73, 1131 (1988).
orthoericssonite = ericssonite-2O, CM 49, 591 (2011).
orthoeulite = Mg-rich ferrosilite, AM 73, 1131 (1988).
orthoferrosilite = ferrosilite, AM 73, 1131 (1988).
Orthoferrosillit = ferrosilite, Kipfer 41 (1974).
orthoguarinite = hiortdahlite-II + wöhlerite, AM 20, 541 (1935).
orthohypersthene = Fe-rich enstatite or Mg-rich ferrosilite, AM 73, 1131 (1988).
orthoïde = allanite-(Ce), Egleston 242 (1892).
orthojoaquinite = orthojoaquinite-(Ce), AM 72, 1042 (1987).
Orthokalsilit = high-temperature K[(AlSi)O₄], MM 33, 1146 (1964).
orthoklaas = orthoclase, Zirlin 88 (1981).
Orthoklas = orthoclase, Dana 6th, 315 (1892).
Orthoklas-Haloid: See axotomes (cryolite), prismatisches (anhydrite).
Orthoklas-Mikroperthit = orthoclase + plagioclase, Dana 6th, 321 (1892).
Orthoklas-Mondstein = gem orthoclase, Chudoba EIV, 68 (1974).
Orthoklasperthit = orthoclase + plagioclase, Hintze II, 1360 (1895).
ortholomonosovite = lomonosovite, AM 48, 1413 (1963); 50, 1142 (1965).
Ortholomonossowit = lomonosovite, Chudoba EIII, 241 (1965).
orthomer Feldspat = orthoclase, Kipfer 122 (1974).
orthomic feldspar = twinned orthoclase or albite, English 169 (1939).
orthomimic feldspar = twinned orthoclase or albite, MM 16, 367 (1913).
ortho-nephrite = Cr-Co-Ni-rich actinolite, JG 27, 193 (2000).
orthopyroxene group = enstatite + ferrosilite + donpeacorite, MM 13, 374 (1903).
orthorhombic copper phosphate = libethenite, Papp 53 (2004).
orthorhombic feldspar = orthoclase or nepheline, Bukanov 279, 306 (2006).

orthorhombic lamprophyllite = lamprophyllite-20, AM 82, 820 (1997).
orthorhombic låvenite = burpalite ?, AM 54, 330 (1969); EJM 2, 177 (1990).
orthorhombic ruby blende = proustite or pyrargyrite, Bukanov 238, 239 (2006).
orthorhombic spar = dolomite, Bukanov 272 (2006).
orthorhombic zinc carbonate = smithsonite ?, Dana 6th, 280 (1892).
orthorhombischer Lamprophyllit = lamprophyllite-20, Chudoba EIII, 608 (1968).
orthorhomibic låvenite = burpalite ?, Strunz & Nickel 824 (2001).
Orthoriebeckit = black riebeckite, AM 63, 1051 (1978).
orthorombic-lavenit = burpalite ?, Kipfer 188 (1974).
orthosartorite = sartorite, MJJ 16, 358 (1993).
orthose (original spelling) = orthoclase, AM 49, 224 (1964).
orthose ferrifère = synthetic feldspar $K[(FeSi_3)O_8]$, MM 21, 563 (1928).
orthose ferrique = synthetic feldspar $K[(FeSi_3)O_8]$, Clark 224 (1993).
orthose opalisant = microcline, Des Cloizeaux I, 341 (1862).
orthoserpentine = lizardite-6 T_1 , AM 42, 585 (1957).
orthose sodique = albite, de Fourestier 256 (1999).
orthosite = orthoclase or rock, Roberts et al. 630 (1990).
orthosulfosalze subfamily = pyrargyrite + pyrostilpnite + tetrahedrite + wittichenite + bournonite + lillianite, Hintze I.1, 1051 (1902).
orthotaenite = taenite, MM 24, 620 (1937).
orthotomer Bleibaryt = phosgenite, Goldschmidt IX text, 175 (1923).
orthotomer Feldspat = orthoclase, Goldschmidt IX text, 180 (1923).
orthotomer Kuphonspat = thomsonite-Ca, Haditsch & Maus 152 (1974).
orthotomous kouphone spar = thomsonite-Ca, Egleston 345 (1892).
Orthotorbernit = torbernite, MM 32, 974 (1961).
Orthotscheffkinit = chevkinite-(Ce), MM 35, 1149 (1966).
Orthowalpurgin = orthowalpurgite, Weiss 187 (1998).
Orthozoisit = zoisite, MM 36, 1156 (1968); 38, 103 (1971).
ortita = allanite-(Ce), Domeyko II, 112 (1897).
ortitepidot = allanite-(Y), László 205 (1995).
ortoamfibol group = anthophyllite + gedrite + holmquistite, László 205 (1995).
ortoantigoriet = lizardite-6 T_1 , Council for Geoscience 772 (1996).
ortoarmalcolit = blue-grey fine-grained armalcolite, László 205 (1995).
ortoaugit group = orthopyroxene, László 205 (1995).
ortoberthierin = berthierine-1H, László 205 (1995).
ortobranneriet = orthobrannerite, Council for Geoscience 772 (1996).
ortobromit = Br-rich chlorargyrite, László 206 (1995).
ortobronzit = Fe²⁺-rich enstatite, László 206 (1995).
ortochamosiet = chamosite-10 I_{1b} , Council for Geoscience 772 (1996).
orto-chevkinite = chevkinite-(Ce), MM 30, 742 (1955).
ortochrisotiel = chrysotile-20 c_1 , Council for Geoscience 772 (1996).
ortoclasa = orthoclase, Zirlin 87 (1981).
ortoclasio = orthoclase, CISGEM (1994).
ortoclorita group = trioctahedral chlorite, Novitzky 227 (1951).
ortocsevkinit = chevkinite-(Ce), László 206 (1995).
ortodiadochit = diadochite, László 206 (1995).
orto-ericssoniet = ericssonite-20, Council for Geoscience 772 (1996).
orto-eulit = Mg-rich ferrosilite, László 206 (1995).
ortoferrosiliet = ferrosilite, Council for Geoscience 772 (1996).
ortoferroszilil = ferrosilite, László 206 (1995).

ortoguarinit = hiortdahlite-II + wöhlerite, László 206 (1995).
ortojoaquinit = orthojoaquinite-(Ce), Council for Geoscience 772 (1996).
ortokalszilit = high-temperature $K[(AlSi)O_4]$, László 206 (1995).
Ortoklas = orthoclase, Zirlin 89 (1981).
ortoklász = orthoclase, László 206 (1995).
ortoklorit group = trioctahedral chlorite, László 206 (1995).
ortokrizotil = chrysotile- $2O_{cl}$, TMH VI, 14 (1999).
ortolomonoszovit = lomonosovite, László 206 (1995).
ortopinakioliet = orthopinakiolite, Council for Geoscience 772 (1996).
ortopirokseen group = orthopyroxene, Council for Geoscience 772 (1996).
ortopiroxén group = orthopyroxene, TMH VI, 67 (1999).
ortoriebeckit = black riebeckite, László 206 (1995).
ortosa = orthoclase, MM 20, 359 (1925).
ortoserpierit = orthoserpierite, László 206 (1995).
ortoténit = taenite, László 206 (1995).
ortotorbernit = torbernite, László 206 (1995).
ortozoisit = zoisite, László 206 (1995).
Ortstein = goethite ± ferrihydrite, Hintze I.2, 2011 (1910).
oruetita = joséite-A, AM 27, 107 (1942).
orvilita = metamict zircon, Atencio 79 (2000).
orvillite = metamict zircon, AM 4, 41 (1919).
orysite = epistilbite, Aballain et al. 263 (1968).
oryzite = epistilbite, AM 57, 592 (1972).
osanite = riebeckite, English 169 (1939).
Osannit = riebeckite, AM 63, 1051 (1978).
osarite = osarsite ? MR 23, 224 (1992).
osazrizawaite = osarizawaite, AM Index 41-50, 395 (1968).
Oerskit = aragonite, Dana 6th, 281 (1892).
osforösslerita = phosphorösslerite, de Fourestier 256 (1999).
osiada = actinolite or jadeite, Egleston 14 (1892).
osirita = Os-rich iridium, AM 36, 638 (1951).
Osistannit = kēsterite or ferrokēsterite, Kipfer 143 (1974).
Os-laurite = Os-rich laurite, EJM 21, 421 (2009).
Osmelith = pectolite, Dana 6th, 373 (1892).
osmide of iridium = osmium, Egleston 164 (1892).
osmidiridium = Os-rich iridium, Chudoba RII, 88 (1971).
osmio = osmium, Novitzky 227 (1951).
osmirídio = Ir-rich osmium, Atencio 8 (2000).
osmiridin = Ir-rich osmium, MM 38, 996 (1972).
osmiridium (Lévy & Picot) = Ir-rich osmium, MM 33, 712 (1963).
osmiridium (Steffens) = Os-rich iridium, CM 29, 235 (1991).
Osmiridium dunkles = Ir-rich osmium, Egleston 164 (1892).
Osmiridium lichtes = Ir-rich osmium, Egleston 164 (1892).
osmite (Hermann) = Ir-rich osmium, MM 12, 389 (1900).
osmite (Vernadsky) = osmium, MM 18, 385 (1919).
Osmium-Irid = Os-rich iridium or Ir-rich osmium, Clark 514 (1993).
osmium iridifère = Ir-rich osmium, Egleston 164 (1892).
osmium-iridium = Os-rich iridium or Ir-rich osmium, Dana 6th, 27 (1892).
osmiure d'iridium = Ir-rich osmium, Dana 6th, 27 (1892).
Osmokaolin = kaolinite, Robertson 25 (1954).
osmondite = iron + cohenite, Clark 514 (1993).
osoemiliet = osumilite, Council for Geoscience 772 (1996).
osseous stone = Mn^{5+} -rich fluorapatite, Bukanov 358 (2006).
osso de cavalo = sillimanite, Cornejo & Bartorelli 223 (2010).

ostacius = quartz-mogánite mixed-layer, Dana 7th III, 222 (1962).
osteocolla = fine-grained calcite, Dana 6th, 268 (1892).
osteocollus = fine-grained calcite, Chester 196 (1896).
Osteokolla = fine-grained calcite, Clark 514 (1993).
Osteolith = Mn⁵⁺-rich fluorapatite, Dana 6th, 768 (1892).
ostolanus = opal-A, de Fourestier 256 (1999).
ostracias = red massive quartz-mogánite mixed-layer, Bukanov 408 (2006).
ostranite = metamict zircon, Dana 6th, 482 (1892).
Ostranium = metamict zircon, Hintze I.2, 1637 (1907).
ostreacolla = fine-grained calcite, Strunz & Nickel 824 (2001).
ostreocolla = fine-grained calcite, Chester 196 (1896).
ostreokolla = fine-grained calcite, Kipfer 188 (1974).
Ostwaldit = colloidal chlorargyrite, MM 15, 426 (1910).
osumilite-(Fe) = osumilite, Dana 8th, 1807 (1997).
osumilite-(K,Mg) = osumilite-(Mg), MR 9, 373 (1978); MM 43, 1055 (1980).
osumilite-(Mg) = KMg₂Al₃[(Si₁₀Al₂)O₃₀], AM 73, 585 (1988).
oszaridzavait = osarizawaite, László 206 (1995).
oszteokolla = fine-grained calcite, László 206 (1995).
oszteolit = CO₂-rich apatite, László 206 (1995).
oszumilit = osumilite, László 206 (1995).
Otawit = otavite, Kipfer 123 (1974).
Otaylite = Ca-rich montmorillonite + quartz, MM 21, 573 (1928).
otjisoemeiet = otjisumeite, Council for Geoscience 773 (1996).
Otreilit = weathered pyroxene or diopside with good (100) parting, Chester 196 (1896).
ottoliniite = hypothetical amphibole NaLi(Mg₃AlFe)[Si₄O₁₁]₂(OH)₂, AM 89, 892 (2004).
Ottosdal G stone = pyrophyllite, Read 129 (1988).
Ottrelit (Wolff) = weathered pyroxene or diopside with good (100) parting, Chester 196 (1896).
ottrelite = otréelite, Blackburn & Dennen 226 (1997); MR 39, 134 (2009).
ouachita stone = massive quartz (sandstone), AM 12, 391 (1927).
ouatite = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), Dana 6th, 257 (1892).
ougeliet = augelite, Council for Geoscience 745 (1996).
ougiet = augite, Macintosh 28 (1988).
ou graphique = sylvanite, Dana 7th I, 338 (1944).
oulankite = oulankaite, Strunz & Nickel 71 (2001).
oulofolit = tabular gypsum, László 206 (1995).
Oulongolite = synthetic gem garnet, MM 54, 668 (1990).
oulopholite = tabular gypsum, Dana 6th, 936 (1892).
ouralborite = uralborite, MM 35, 1149 (1966).
ouralite = actinolite pseudomorph after augite, Chester 197 (1896).
ouralorthite = allanite-(Ce), Egleston 243 (1892).
ourichalsiet = aurichalcite, Council for Geoscience 745 (1996).
ourikupried = auricupride, Council for Geoscience 745 (1996).
ouro = gold, Zirlin 61 (1981).
ouro branco = Pd-rich gold, CM 36, 888 (1998).
ouro cinzento = Pd-rich gold, Atencio 5 (2000).
ouro com paládio = Pd-rich gold, Atencio 5 (2000).
ouro negro = palladinite, Atencio 5 (2000).
ouro paladiado = Pd-rich gold, Atencio 5 (2000).
ouro-paládio = Pd-rich gold, Atencio 5 (2000).
ouro palladiado = Pd-rich gold, Atencio 5 (2000).

ouro podre = Pd-rich gold, CM 36, 889 (1998).
ouro poudre = Pd-rich gold, Clark 559 (1993).
ouro preto = palladinite, CM 36, 888 (1998).
ourostibiet = aurostibite, Council for Geoscience 745 (1996).
ousbékite = volborthite, MM 21, 580 (1928).
outomoliet = dark-green gahnite, Council for Geoscience 745 (1996).
outremer = lazurite (disordered Al-Si), Dana 6th, 432 (1892).
ouvarovite = uvarovite, Dana 6th, 444 (1892).
ouwarowite = uvarovite, Des Cloizeaux I, 276 (1862).
ovo de pomba = opaque quartz, Cornejo & Bartorelli 223 (2010).
ovchinnikovite = synthetic $4\text{FeS}\cdot\text{FeO}\cdot 3\text{CaO}\cdot\text{CaCO}_3$, Pekov 368 (1998).
oven stone = talc-chlorite mixed-layer, Bukanov 314 (2006).
overburntamethyst = heated 560°C red-brown Fe-rich quartz, László 11 (1995).
oviform limestone = oolitic calcite, Egleston 64 (1892).
ovsyanka = kyanite, Bukanov 187 (2006).
ovulite = spherical grain (calcite or siderite or hematite), MM 26, 340 (1943).
owarowite = uvarovite, Hey 547 (1962).
owenite = chamosite, Dana 6th, 657 (1892).
owl eye = banded quartz-mogánite mixed-layer, Read 168 (1988).
owl's-eye = goethite + banded quartz-mogánite mixed-layer, Bukanov 137, 204 (2006).
oxacalcite = whewellite, Dana 6th, 993 (1892).
Oxahaverit = apophyllite, Chudoba EII, 806 (1959).
oxahverite = apophyllite, Chester 197 (1896).
oxakalcit = whewellite, László 207 (1995).
oxalate-d'ammonium = oxammite, Aballain et al. 264 (1968).
oxalate de fer = humboldtine, Egleston 157 (1892).
oxalate of ammonium = oxammite, Dana 6th, 1124 (1892).
oxalate of iron = humboldtine, Dana 6th, 1124 (1892).
oxalate of lime = whewellite, Dana 6th, 993 (1892).
oxalate of sodium and ammonium = Na-rich oxammite ?, Dana 6th, 994 (1892).
oxalato de hierro = humboldtine, Domeyko II, 495 (1897).
Oxalatsodalith = synthetic sodalite, Doelter IV.3, 1150 (1931); [II.2,281].
Oxalcalcit = whewellite, Chudoba EII, 806 (1959).
Oxalit = humboldtine, Dana 6th, 994 (1892).
oxalsäurer Kalk = whewellite, Sinkankas 290 (1972).
oxalsaures Eisen = humboldtine, Dana 6th, 994 (1892).
oxalsaures Kalk = whewellite, Egleston 367 (1892).
ox-eye = banded quartz-mogánite mixed-layer + hematite or Na-rich anorthite, Bukanov 204, 282 (2006).
ox-eye agate = banded quartz-mogánite mixed-layer, Webster & Anderson 959 (1983).
oxhaverite = apophyllite, Dana 6th, 567 (1892).
oxheverite = apophyllite, Clark 34 (1993).
oxhverite = apophyllite, Aballain et al. 264 (1968).
oxiallanit = heated allanite, László 207 (1995).
oxiamfibol subgroup = Fe^{3+} -rich amphibole, László 207 (1995).
oxiannit = hypothetical mica $\text{KFe}_3[(\text{AlSi}_3)\text{O}_{10}]\text{O}_2$, László 207 (1995).
oxiarseniuro de cobre = domeykite, Domeyko II, 247 (1897).
oxiapatit = hypothetical apatite $\text{Ca}_{10}(\text{PO}_4)_6\text{O}$, László 207 (1995).

Oxiberaunit = beraunite, ZK 201, 280 (1992).
oxibiotit = Fe³⁺-rich biotite, László 207 (1995).
oxichildrenit = ernstite, László 207 (1995).
oxicloro-ioduro = schwartzembergite, Domeyko II, 320 (1897).
oxicloruro de bismuto = daubréeite, Domeyko II, 298 (1897).
oxicloruro de cobre = atacamite, Domeyko II, 208 (1897).
oxicloruro de plomo = matlockite, Domeyko II, 319 (1897).
oxidapatite = hypothetical apatite Ca₁₀(PO₄)₆O, MM 25, 640 (1940).
oxide blanc d'antimoine = valentinite, Egleston 358 (1892).
oxide chromique = Cr-rich halloysite-7Å, Egleston 243 (1892).
oxide cobalt rouge = erythrite, Egleston 243 (1892).
oxide de cuivre rouge = cuprite, de Fourestier 257 (1999).
oxide de cuivre vert = chrysocolla, de Fourestier 257 (1999).
oxide de manganèse cristallisé = manganite, MR 41, 493 (2010).
oxide de manganèse couleur de rose = rhodochrosite, Dana 6th, 278 (1892).
oxide de manganèse écailléux = pyrolusite + others, de Fourestier 257 (1999).
oxide de manganèse prismatique = manganite, Egleston 243 (1892).
oxide de manganèse pyramidal = hausmannite, Egleston 243 (1892).
oxide de manganèse sulfuré = alabandite, Papp 2 (2004).
oxide de mercure sulfuré rouge = cinnabar, Egleston 243 (1892).
oxide de plomb spathique jaune = wulfenite, de Fourestier 257 (1999).
oxide de plomb spathique rouge = crocoite, de Fourestier 257 (1999).
oxide de plomb spathique vert = pyromorphite, de Fourestier 257 (1999).
oxide de zinc manganèsifère = zincite, Egleston 243 (1892).
oxide-meionite = hypothetical scapolite Ca₄[(Al₆Si₆)O₂₄]O, MM 17, 355 (1916).
oxide noir de manganèse = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), Egleston 243 (1892).
oxide of antimony = cervantite or kermesite or valentinite, Egleston 74, 174, 358 (1892).
oxide of arsenic = arsenolite, Egleston 33 (1892).
oxide of bismuth = bismite, Egleston 46 (1892).
oxide of cerium = cerite-(Ce), Egleston 243 (1892).
oxide of chrome = Cr-rich halloysite-7Å, Egleston 82 (1892).
oxide of cobalt = asbolane, Egleston 364 (1892).
oxide of copper = tenorite, Egleston 207 (1892).
oxide of iron = goethite or lepidocrocite or hematite or magnetite, Egleston 140, 151, 199 (1892).
oxide of lead = massicot or mendipite or minium or plattnerite, Egleston 206, 209, 218, 261 (1892).
oxide of manganese = braunite or manganite or romanèchite or pyrolusite, Egleston 56, 202, 272, 276 (1892).
oxide of manganese argentine = pyrolusite, Egleston 276 (1892).
oxide of molybdena = molybdite, Egleston 244 (1892).
oxide of molybdenum = molybdite, Egleston 220 (1892).
oxide of nickel = annabergite, Egleston 18 (1892).
oxide of tin = cassiterite, Dana 6th, 234 (1892).
oxide of titanium = brookite, Clark 516 (1993).
oxide of tungsten = tungstite, Egleston 353 (1892).
oxide of uranium = uraninite, Egleston 356 (1892).
oxide of zinc = zincite, Egleston 244 (1892).
oxide-pearlite = hematite ?, MM 24, 620 (1937).
oxide rouge de titanium = rutile, Egleston 297 (1892).

oxide rouge de zinc = zincite, Egleston 244 (1892).
 oxide vert de cuivre = chrysocolla, de Fourestier 258 (1999).
 oxide zincique = zincite, Egleston 244 (1892).
 oxidhidrátmarialit = hypothetical scapolite $\text{Na}_4[(\text{Al}_3\text{Si}_9)\text{O}_{24}](\text{OH})$, László 207 (1995).
 oxidhidrátmejonit = hypothetical scapolite $\text{Ca}_4[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$, László 207 (1995).
 oxidmejonit = hypothetical scapolite $\text{Ca}_4[(\text{Al}_6\text{Si}_6)\text{O}_{24}]\text{O}$, László 207 (1995).
 óxido amarillo = stibiconite, de Fourestier 258 (1999).
 óxido de bismuto = bismite, Domeyko II, 495 (1897).
 óxido de cobalto = asbolane, Domeyko II, 495 (1897).
 óxido de estaño = cassiterite, Domeyko II, 280 (1897).
 óxido de hierro = goethite or hematite or lepidocrocite or magnetite, Domeyko II, 495 (1897).
 óxido de manganeso = braunite or manganite or romanèchite or pyrolusite, Domeyko II, 113 (1897).
 óxido de urano = uraninite, Domeyko II, 93 (1897).
 óxido de zinc = zincite, Domeyko II, 495 (1897).
 óxido dobles de manganeso i de barita, cobre, cobalto, etc. = Mn-Ba-Cu-Co-O, Domeyko II, 117 (1897).
 óxido dobles de Mn, Ba, Cu, Co, etc. = Mn-Ba-Cu-Co-O, Domeyko II, 495 (1897).
 oxid-pearlite = hematite ?, Strunz & Nickel 824 (2001).
 oxidulated copper = cuprite, Pearl 186 (1964).
 oxidulated iron = magnetite, Dana 6th, 224 (1892).
 oxidulo de cobre = cuprite, Domeyko II, 495 (1897).
 oxieoszforit = ernstite, László 207 (1995).
 oxiferropumpellyit = pumpellyite- (Fe^{3+}) , László 207 (1995).
 oxihornblend = Fe^{3+} -rich ferrohornblende or magnesiohornblende or hastingsite or magnesiohastingsite, László 207 (1995).
 oxi-hureaulite = dark-red hureaulite, MM 72, 1133 (2008).
 oxijulgoldit = julgoldite- (Fe^{3+}) , László 207 (1995).
 oxikaersutit = Fe^{3+} -rich kaersutite, László 207 (1995).
 oxikercsenit = Mn-rich metavivianite or santabarbaraite, László 207 (1995).
 Oxi-kertchenit = Mn-rich metavivianite or santabarbaraite, LAP 28(4), 37 (2003).
 oximagn(et)it = maghemite, László 207 (1995).
 oximimetezit = hypothetical apatite $\text{Pb}_{10}(\text{AsO}_4)_6\text{O}$, László 207 (1995).
 oxipetscheckit = Fe^{3+} -rich petscheckite, László 207 (1995).
 oxipiromorfit = synthetic apatite $\text{Pb}_{10}(\text{PO}_4)_6\text{O}$, László 207 (1995).
 Oxiphlogit = oxyphlogite, LAP 35(4), 50 (2010).
 exiturmalin subgroup = $\text{DG}'\text{G}_3'(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}]\text{X}_3\text{O}$, László 207 (1995).
 oxivanadinit = hypothetical apatite $\text{Pb}_{10}(\text{VO}_4)_6\text{O}$, László 207 (1995).
 oxo-amphibole subfamily = amphibole with $(\text{OH}, \text{F}, \text{Cl}) < 1.00$ apfu, CM 44, 6 (2006).
 oxocalcite = whewellite, de Fourestier 42 (1994).
 Oxoferrit = iron + wüstite, MM 23, 635 (1934).
 oxonic-pyrochlore = hydroxyrochlore, AM 62, 403 (1977).
 oxonio-alunite = hypothetical $(\text{H}_3\text{O})\text{Al}_3(\text{SO}_4)_2(\text{OH})_6$, MM 37, 962 (1970).
 oxonium alunite = hypothetical $(\text{H}_3\text{O})\text{Al}_3(\text{SO}_4)_2(\text{OH})_6$, AM 59, 813 (1974).
 oxonium-Ga-alunite = synthetic $(\text{H}_3\text{O})\text{Ga}_3(\text{SO}_4)_2(\text{OH})_6$, EJM 15, 920 (2003).
 oxóniumpiroklor = hydroxyrochlore, László 207 (1995).
 oxonium-pyrochlore = hydroxyrochlore, AM 62, 403 (1977).

oxo-titano-arfvedsonite (IMA 2009-034) = ferro-obertite, CM 48, 301 (2010).
 oxverite = apophyllite, Kipfer 188 (1974).
 oxyallanite = hypothetical (CaREE)(Al₂Fe³⁺)[Si₂O₇](SiO₄)O₂, EJM 18, 562 (2006).
 oxyamosite = dehydrated grunerite, AM 53, 1629 (1968).
 oxy-amphibole subgroup = Fe³⁺-rich amphibole, AM 75, 163 (1990).
 oxyannite = hypothetical mica KFe₃[(AlSi₃)O₁₀]O₂, MM 38, 996 (1972).
 oxy-apatite = hypothetical apatite Ca₁₀(PO₄)₆O, MM 37, 301 (1969).
 oxybiotite (Eugster & Wones) = Fe³⁺-rich biotite, MM 38, 996 (1972); CM 44, 1559 (2006).
 oxybiotite (Wones & Eugster) = hypothetical mica KFe₃[(AlSi₃)O₁₀]O₂, AM 50, 1228 (1965).
 oxybrithiolite = synthetic Ca₆La₄(SiO₄)₂(PO₄)₂O, EJM 19, 101 (2007).
 oxycalciobetafite = Ca₂(Ti,Nb)₂O₆O, CM 48, 691 (2010).
 oxycalcioomicrolite = Ca₂Ta₂O₆O, CM 48, 691 (2010).
 Oxycalcioomikrolith = oxycalcioomicrolite, LAP 46(3), 10 (2011).
 oxycalcioroméite = Ca₂Sb₂O₆O, CM 48, 691 (2010).
 oxy-carbonat-apatite = CO₂-rich hydroxylapatite, Haditsch & Maus 163 (1974).
 oxychildrenite = ernstite, AM 36, 642 (1951).
 oxychloride of copper = atacamite, Egleston 35 (1892).
 oxychloride of lead = matlockite or mendipite, Egleston 206, 209 (1892).
 oxychlorite = Fe³⁺-rich chamosite, CCM 28, 188 (1980).
 oxychloroïodure de plomb = schwartzembergite, Dana 6th, 170 (1892).
 oxychlorure de plomb = mendipite, Egleston 206 (1892).
 oxy-chromdravite = hypothetical tourmaline Na(MgCr₂)(MgCr₅)(BO₃)₃[Si₆O₁₈](OH)₃O, EJM 11, 209 (1999).
 oxy-chromium-dravite = hypothetical tourmaline NaCr₃(Mg₂Cr₄)(BO₃)₃[Si₆O₁₈](OH)₃O, AM 95, 802 (2010).
 Oxychylum ammoniacum = mascagnite, Linck I.3, 3673 (1929).
 Oxychylum kalicum = apthitalite, Linck I.3, 3692 (1929).
 Oxychylum natronicum = thenardite, Linck I.3, 3673 (1929).
 oxy-Cr-dravite = hypothetical tourmaline NaCr₃(Mg₂Cr₄)(BO₃)₃[Si₆O₁₈](OH)₃O, AM 95, 802 (2010).
 Oxydapatit = hypothetical apatite Ca₁₀(PO₄)₆O, Chudoba EII, 951 (1960).
 oxydé chromique = Cr-rich halloysite-7Å, Egleston 82 (1892).
 oxyde de cobalt rouge = erythrite, Egleston 118 (1892).
 oxyde de fer magnétique = magnetite, de Fourestier 258 (1999).
 oxydé de manganèse prismatique = manganite, Egleston 202 (1892).
 oxyde de manganèse pyramidal = hausmannite, Egleston 149 (1892).
 oxyde de mercure sulfuré rouge = cinnabar, Egleston 85 (1892).
 oxyde de plomb spathique rouge = crocoite, Chudoba RI, 48 (1939); [I.3,4025].
 oxyde de titane hydraté = rutile, Dana 6th, 259 (1892).
 oxyde de zinc = zincite, Egleston 377 (1892).
 oxyde noir de manganèse = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), Egleston 363 (1892).
 oxyde rouge de zinc = zincite, Egleston 377 (1892).
 oxyde zincique = zincite, Egleston 377 (1892).
 Oxyhydratmarialith = hypothetical scapolite Na₄[(Al₃Si₉)O₂₄](OH), MM 17, 355 (1916).
 Oxyhydratmejonit = hypothetical scapolite Ca₄[(Al₆Si₆)O₂₄](OH)₂, MM 17, 355 (1916).

oxydized magnetite = maghemite, English 171 (1939).
 Oxydmeionit = hypothetical scapolite $\text{Ca}_4[(\text{Al}_6\text{Si}_6)\text{O}_{24}]\text{O}$, Doelter IV.3, 1150 (1931); [II.2,1005].
 Oxydmejonit = hypothetical scapolite $\text{Ca}_4[(\text{Al}_6\text{Si}_6)\text{O}_{24}]\text{O}$, MM 17, 346 (1916).
 oxyd of arsenic = arsenolite, Egleston 33 (1892).
 oxyd of tin = cassiterite, Egleston 69 (1892).
 Oxyd-Perlit = hematite ?, MM 24, 620 (1937).
 oxy-dravite = hypothetical tourmaline $\text{Na}(\text{MgAl}_2)(\text{MgAl}_5)(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, EJM 16, 323 (2004).
 oxydulated copper = cuprite, Dana 6th, 206 (1892).
 oxydulated iron = magnetite, Egleston 199 (1892).
 oxy-elbaite = hypothetical tourmaline $\text{Na}(\text{LiAl}_2)\text{Al}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, EJM 11, 209 (1999).
 Oxy-Eosphorit = ernstite, Kostov & Breskovaska 190 (1989).
 oxy-ferri-foitite = hypothetical tourmaline $(\text{FeFe}_2)\text{Fe}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, EJM 11, 209 (1999).
 oxyferropumpellyite = pumpellyite- (Fe^{3+}) , CM 12, 221 (1973).
 oxy-feruvite = hypothetical tourmaline $\text{Ca}(\text{FeAl}_2)(\text{Mg}_2\text{Al}_4)(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, EJM 11, 209 (1999).
 oxy-foitite = hypothetical tourmaline $(\text{FeAl}_2)\text{Al}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, EJM 16, 323 (2004).
 oxyhornblende = Fe^{3+} -rich ferrohornblende or magnesiohornblende or hastingsite or magnesiohastingsite, AM 63, 1051 (1978).
 oxyhowieite = Fe^{3+} -rich howieite, MM 43, 363 (1979).
 Oxy-Huréalith = hureaulite, LAP 31(5), 9 (2006).
 oxyinesite = dehydrated inesite, AM 53, 1629 (1968).
 oxyjulgoldite = julgoldite- (Fe^{3+}) , CM 12, 221 (1973).
 oxykaersutite = Fe^{3+} -rich kaersutite, MM 32, 974 (1961); CM 44, 1559 (2006).
 Oxykenomikrolith = zero-valent-dominant microlite, LAP 36(4), 10 (2011).
 oxykerchenite = Mn-rich metavivianite or santabarbaraite, EJM 15, 190 (2003).
 oxykertchenite = Mn-rich metavivianite or santabarbaraite, English 170 (1939).
 oxykertschenite = Mn-rich metavivianite or santabarbaraite, MM 15, 426 (1910).
 oxykertschinite = Mn-rich metavivianite or santabarbaraite, Clark 517 (1993).
 Oxyketchenit = Fe^{3+} -rich childrenite, Kipfer 188 (1974).
 oxy-liddicoatite = hypothetical tourmaline $\text{Ca}(\text{Li}_{1.5}\text{Al}_{1.5})\text{Al}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, EJM 11, 209 (1999).
 oxy-lovozerite = lovozerite, EJM 21, 1071 (2009).
 oxy-magnesiofoitite = hypothetical tourmaline $(\text{MgAl}_2)\text{Al}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, CM 42, 1069 (2004).
 oxy magnesio-riebeckite = Fe^{3+} -rich magnesioriebeckite, MM 42, 561 (1978).
 oxymagnetite = maghemite, Clark 517 (1993).
 oxymagnite = maghemite, AM 16, 270 (1931).
 oxy-manganofoitite = hypothetical tourmaline $(\text{MnAl}_2)\text{Al}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, CM 43, 789 (2005).
 oxy-Mg-ferri-foitite = hypothetical tourmaline $(\text{MgFe}_2)\text{Fe}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, EJM 11, 209 (1999).
 oxy-Mg-foitite = hypothetical tourmaline $(\text{MgAl}_2)\text{Al}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_3\text{O}$, EJM 11, 209 (1999).

oxymica = norrishite, Fleischer & Mandarino 240 (1991).
 Oxymimetesit = hypothetical apatite $Pb_{10}(AsO_4)_6O$, MM 33, 1146 (1964).
 oxymimetite = hypothetical apatite $Pb_{10}(AsO_4)_6O$, MM 33, 1146 (1964).
 oxy-Mn-dravite = hypothetical tourmaline $Na(Mn_2Al)Al_6(BO_3)_3[Si_6O_{18}](OH)_3O$,
 EJM 11, 208 (1999).
 oxy-Mn-foitite = hypothetical tourmaline $(Mn_2Al)Al_6(BO_3)_3[Si_6O_{18}](OH)_3O$,
 EJM 11, 208 (1999).
 oxynatropyrochlore = $(Na,Ca,U)_2Nb_2O_6(O,OH)$, CM 48, 691 (2010).
 oxy-petscheckite = Fe^{3+} -rich petscheckite, AM 63, 943 (1978).
 oxy-petschekite = Fe^{3+} -rich petscheckite, MM 43, 1065 (1980).
 oxyplumbobetafite = zero-valent-dominant pyrochlore, LAP 36(4), 10
 (2011).
 oxyplumbopyrochlore = $Pb_2Nb_2O_6O$, CM 48, 691 (2010).
 oxyplumboroméite = $Pb_2Sb_2O_6O$, CM 48, 691 (2010).
 Oxypyromorphit = synthetic apatite $Pb_{10}(PO_4)_6O$, AM 55, 1435 (1970).
 oxy-rossmanite = hypothetical tourmaline $(Li_{0.5}Al_{2.5})Al_6(BO_3)_3[Si_6O_{18}](OH)_3O$,
 AM 90, 481 (2005).
 Oxy-Schörl = oxy-schorl, LAP 36(11), 20 (2011).
 Oxystannomikrolith = oxystannomicrolite, LAP 46(3), 10 (2011).
 Oxystibiomikrolith = oxystibiomicrolite, LAP 46(3), 10 (2011).
 oxysulfuré de zinc = wurtzite + organometallic zinc, Egleston 363 (1892).
 oxysulphide of zinc = wurtzite + organometallic zinc, Egleston 363
 (1892).
 oxy-titano-arfvedsonite = ferro-obertite, CM 48, 301 (2010).
 oxy-titano-titanite = titanite, AM 87, 875 (2002).
 oxy-tourmaline subgroup = $DG_3G_6'(BO_3)_3[Si_6O_{18}]X_3O$, EJM 11, 206 (1999); AM
 96, 911 (2011).
 Oxytschildrenit = ernstite, Chudoba EII, 294 (1954).
 Oxy-Turmalin = $DG_3G_6'(BO_3)_3[Si_6O_{18}]X_3O$, Chudoba EIV, 69 (1974).
 oxyuranobetafite = $(U,Ca,\square)_2(Ti,Nb)_2O_6O$, CM 48, 691 (2010).
 oxy-uvite = hypothetical tourmaline $Ca(MgAl_2)(Mg_2Al_4)(BO_3)_3[Si_6O_{18}](OH)_3O$,
 EJM 11, 209 (1999).
 Oxyvanadinit = hypothetical apatite $Pb_{10}(VO_4)_6O$, MM 33, 1147 (1964).
 oxyvesuvianite = hypothetical $Ca_{19}(Al,Mg)_{13}(SiO_4)_{10}[Si_2O_7]_4O_6$, MP 35, 51
 (2005).
 oxyttropyrochlore-(Y) = $(Y,\square)_2Nb_2O_6O$, CM 48, 691 (2010).
 oyamalite = REE-P-rich zircon, AM 11, 137 (1926).
 oyelite = B-rich tobermorite, R.C. Erd, pers. comm. (1996).
 oyphlogit = oxyphlogite, LAP 35(12), 33 (2010).
 oysanite = anatase, Thrush 785 (1968).
 ozacerite = hydrocarbon, Clark 517 (1993).
 ozakite = thomsonite-Ca, Webster & Anderson 959 (1983).
 ozarizavait = osarizawaite, László 313 (1995).
 Ozarizawait = osarizawaite, Chudoba EIII, 245 (1965).
 ozarkite = thomsonite-Ca, Dana 6th, 607 (1892).
 ozarzit = osarsite, László 207 (1995).
 Ozean-Achate = banded quartz-mogánite mixed-layer, LAP 28(12), 7 (2003).
 Ozean-Jaspis = massive quartz + red hematite, LAP 35(4), 7 (2010).
 ozerszkit = aragonite, László 207 (1995).
 ozmelit = pectolite, László 207 (1995).
 ozmiridin = Os-rich iridium, László 207 (1995).
 ozmirídium (Lévy & Picot) = Ir-rich osmium, László 208 (1995).
 ozmirídium (Zvyagintsev) = Os-rich iridium, László 207 (1995).
 ozmit (Hermann) = Ir-rich osmium, László 208 (1995).

ozmit (Vernadsky) = osmium, László 208 (1995).
ozmium = osmium, László 208 (1995).
ozocerite = hydrocarbon, Dana 6th, 998 (1892).
ozockerite = hydrocarbon, Egleston 245 (1892).
Ozokerine = hydrocarbon, Thrush 786 (1968).
Ozokerit = hydrocarbon, Dana 6th, 998 (1892).
ozoquerita = hydrocarbon, Novitzky 215 (1951).
ozumilit = osumilite, László 313 (1995).