

jaboncillo = talc, MR 29, 39 (1988).
jabon de montana = halloysite-7Å, de Fourestier 167 (1999).
jabon de sastre = talc, de Fourestier 167 (1999).
jabon de soldado = kaolinite or smectite, de Fourestier 167 (1999).
jabon de vidrieros = pyrolusite, de Fourestier 167 (1999).
jaca = graphite, Thrush 595 (1968).
jachimovite = jáchymovite, Dana 8th, 1112 (1997).
jachont (jachontite) = corundum, Bukanov 48 (2006).
jachut = blue asteriated gem Fe-Ti-rich corundum, Bukanov 409 (2006).
Jachymovit (Čjka et al.) = jáchymovite, Weiss 123 (2008); MR 39, 133 (2008).
jáchymovite (Nováček) = cuprosklodowskite, Clark 335 (1993).
Jachymowit = cuprosklodowskite, Chudoba RII, 57 (1971).
jaciinth = zircon, GT 24, 195 (2008).
jacinph = red-brown zircon or olivine, Bukanov 98, 103 (2006).
jacinta garnet = yellow garnet, Thrush 595 (1968).
jacinta la bella = zircon or garnet, Egleston 133, 378 (1892).
jacinth = zircon or corundum or grossular or vesuvianite or harmotome or meionite, Chester 137 (1896).
jácintgránát = brown Fe-rich grossular, László 92 (1995).
jacintho-de-compostela = quartz + red hematite, Kipfer 179 (1974).
jacinto (Hart) = quartz + red hematite, AM 12, 387 (1927).
jacinto (von Bingen) = zircon, LAP 23(6), 48 (1998).
jacinto occidental = topaz, de Fourestier 167 (1999).
jácintspinnel = orange gem spinel, László 250 (1995).
jácinttopáz = orange-red zircon, László 274 (1995).
jack = sphalerite or coal, Bates & Jackson 351 (1987).
jack iron = quartz-mogánite mixed-layer + sphalerite, Bates & Jackson 351 (1987).
Jackson = kaolinite + quartz + illite ?, Robertson 20 (1954).
jacksonite = prehnite, Dana 6th, 530 (1892).
jáckymovite (Nováček) = cuprosklodowskite, MM 24, 614 (1937).
Jackymowit = cuprosklodowskite, Chudoba EII, 183 (1954).
Jacobit = jacobsite, Chudoba EII, 945 (1960).
Jacotinga = hematite + magnetite + quartz (schist), Hintze I.2, 1797 (1908).
Jacumba hessonite = Fe-rich grossular, Thrush 596 (1968).
jacut = blue or red or yellow gem Fe-Ti-rich corundum, Dana 6th, 210 (1892).
jacutinga = hematite ± gold, Bates & Jackson 351 (1987).
jacynth = pale-yellow zircon or spinel, Thrush 597 (1968).
jacynthist = pale-yellow zircon or spinel, GJ 18(2), 37 (2009).
jade = actinolite or jadeite or (OH)-rich grossular, Clark 335 (1993).
jade-albite = albite + Cr-rich eckermannite + kosmochlor + chromite + natrolite, MM 35, 1138 (1966).
jade-acmite = Fe-rich jadeite or Al-rich aegirine, Kipfer 179 (1974).
jade ascians = actinolite or jadeite, Egleston 14 (1892).
jade axinien = actinolite or jadeite, Egleston 14 (1892).
jade blanc = actinolite or jadeite, Egleston 14 (1892).
jade de la Chine = actinolite or jadeite, Egleston 14 (1892).
jade de Saussure = zoisite or epidote + albite, Dana 6th, 515 (1892).
jade garnet = (OH)-rich grossular or katoite, Cornejo & Bartorelli 417 (2010).
Jadeit-äginin = Fe-rich jadeite or Al-rich aegirine, MM 17, 352 (1916).

jadeit-agirin = Fe-rich jadeite or Al-rich aegirine, Aballain *et al.* 171 (1968).
jadeitakmit = Fe-rich jadeite or Al-rich aegirine, László 117 (1995).
jadeitdiopszid = omphacite, László 117 (1995).
jadeite-acmite = Fe-rich jadeite or Al-rich aegirine, Clark 335 (1993).
jadeite-aegirine = Fe-rich jadeite or Al-rich aegirine, AM 73, 1131 (1988).
jadeite-aegirite = Fe-rich jadeite or Al-rich aegirine, AM 73, 1131 (1988).
Jadeite-ägirin = Fe-rich jadeite or Al-rich aegirine, Clark 335 (1993).
jadeite-diopside = omphacite, Clark 335 (1993).
jadeitegirin = Fe-rich jadeite or Al-rich aegirine, László 117 (1995).
jade lila = jadeite + pumpellyite, MAC short course 37, 214 (2007).
jade matrix = albite + Cr-rich eckermannite + kosmochlor + chromite + natrolite, Webster & Jobbins 61 (1998).
jade negro = omphacite + taramite, MAC short course 37, 212 (2007).
jade néphrétique = actinolite, Egleston 167 (1892).
jade néphritique = actinolite, Egleston 14 (1892).
jade océanique = actinolite or jadeite, Egleston 14 (1892).
jadeolite = Cr-rich syenite (rock), MM 15, 423 (1910).
jade oriental = actinolite or jadeite, Egleston 14 (1892).
jadestone (?) = actinolite or jadeite, Bates & Jackson 351 (1987).
jadestone (?) = dickite, GT 25, 77 (2009).
jade tenace = zoisite or epidote + albite, Dana 6th, 515 (1892).
jade vert = jadeite, Egleston 168 (1892).
jade vert pâle, connu sous le nom de pierre des amazones = green microcline, LAP 31(6), 7 (2006).
Jadine = green quartz-mogánite mixed-layer + pimelite, MM 39, 916 (1974).
jaeneckéite = hatrurite + larnite ?, MM 23, 631 (1934).
jaffaite = resin, MM 32, 990 (1961).
jafsoaniet = yafsoanite, Council for Geoscience 787 (1996).
jafszoanit = yafsoanite, László 117 (1995).
jageiite = yagiite, Clark 336 (1993).
jager = high-quality bluish-white diamond, Bates & Jackson 351 (1987).
Jagiit = yagiite, Chudoba EIV, 42 (1974).
jaguar = opaque jadeite, AG 21, 301 (2002).
Jagueit = jagüéite, Weiss 123; MR 39, 133 (2008).
jagüéite = jagüéite, MM 74, 942 (2010).
jagut = corundum, Bukanov 48 (2006).
Jahnsenit = jahnsite ?, Kipfer 31 (1974).
jahnsite-(CaFeFe) = $\text{CaFe}_5(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$, AM 86, 1114 (2001).
jahnsite-(CaMgMg) = $\text{CaMg}_3\text{Fe}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$, AM 93, 941 (2008).
jahnsit-CaMnFe = jahnsite-(CaMnFe), LAP 29(3), 32 (2004).
jahnsit-CaMnMn = jahnsite-(CaMnMn), LAP 29(3), 32 (2004).
jahnsite-(MnMnFe) = rittmannite, Godovikov 160 (1997).
jahnsite-(NaMnMg) = $\text{NaMnMg}_2\text{Fe}_2(\text{PO}_4)_4(\text{OH})_2 \cdot 8\text{H}_2\text{O}$, AM 93, 941 (2008).
jahnsite s.l. = jahnsite-(CaMnMg), AM 89, 111 (2004).
jahontovit = yakhontovite, László 117 (1995).
Jaïet = lignite (low-grade coal), Dana 6th, 1022 (1892).
jaipurite (questionable) = CoS (synthetic ?) or linnaeite, Nickel & Nichols 99 (1991); PDF 25-108.
jais = lignite (low-grade coal), Haüy IV, 470 (1822).
jaki = turquoise, de Fourestier 168 (1999).
Jakobsit = jacobsite, Dana 6th, 227 (1892).

jakoot = red gem Cr-rich corundum, Bukanov 409 (2006).
Jakut = zircon or blue gem Fe-Ti-rich corundum, Kipfer 100 (1974).
jalapita = skutterudite, Domeyko II, 492 (1897).
jali = turquoise, de Fourestier 168 (1999).
jalindite = dzhalindite, MM 33, 1139 (1964).
jalite = colorless opal-CT, Dana 6th, 195 (1892).
jallophane = Ba-rich orthoclase, Kipfer 179 (1974).
jaloallophe = allophe + opal-CT, MM 12, 385 (1900).
jaloallophe = allophe + opal-CT, Aballain et al. 171 (1968).
jalofane = Ba-rich orthoclase, Kipfer 179 (1974).
jamagucsilit = REE-P-Hf-rich zircon, László 299 (1995).
jamanshynite = glass (tektite), Bukanov 327 (2006).
jamast = violet Fe³⁺-rich quartz, Bukanov 131 (2006).
jamatoiet = hypothetical garnet Mn₃V₂[SiO₄]₃, Council for Geoscience 787 (1996).
jamesonite (Leman) = andalusite, Clark 336 (1993).
jamesonite-bismuthifère = Bi-bearing jamesonite, Aballain et al. 172 (1968).
jamesonite-bismutifère = Bi-bearing jamesonite, Kipfer 179 (1974).
jamiesonite = jamesonite, Bottrill & Baker 11 (2008).
jandarakand = orthoclase, Bukanov 279 (2006).
jäneckeite = hatrurite + larnite ?, MM 23, 631 (1934).
janeckeite = hatrurite + larnite ?, MM 23, 631 (1934).
Jäneckit = hatrurite + larnite ?, Chudoba EII, 183 (1954).
janeckite = hatrurite + larnite ?, Clark 336 (1993).
janicie = nontronite or celadonite, AM 20, 314 (1935).
janite = nontronite or celadonite, AM 20, 314 (1935).
jankovicite = jankovičite, Strunz & Nickel 791 (2001); MR 39, 133 (2008).
Jannosit = copiapite, Clark 337 (1993).
janolite = violet axinite, Chester 137 (1896).
jánosit = copiapite, MM 14, 401 (1907).
Janovait = nontronite or celadonite, Strunz 538 (1970).
janovite = nontronite or celadonite, MA 13, 180 (1957).
Janowait = nontronite or celadonite, MM 25, 633 (1940).
Janowit = nontronite or celadonite, Chudoba EII, 732 (1959).
Janschajnschit = P-Ca-Fe-(OH)-rich thorite, Chudoba EIII, 166 (1965).
janthiniet (original spelling) = ianthinite, AM 12, 355 (1927).
jantinit (Bignand) = wyartite, László 118 (1995).
jantinit (Schoep) = ianthinite, László 118 (1995).
japaner-Zwilling = twinned quartz, Kipfer 100 (1974).
Japanese Acid Clay = montmorillonite-kaolin mixed-layer ?, Thrush 597 (1968).
Japanese Acid Earth = montmorillonite-kaolin mixed-layer ?, Robertson 20 (1954).
Japanese jade = jadeite or prehnite, Bukanov 402, 403 (2006).
Japanese opal = transparent opal, Bukanov 150 (2006).
japanischer Bernstein = amber, Doelter IV.3, 939 (1931).
japanite = Fe-rich clinocllore, MM 24, 614 (1937).
Japan-Zwillingbildung = twinned quartz, Kipfer 156 (1974).
japonite = prehnite, Bukanov 209 (2006).
jarcon = zircon, de Fourestier 168 (1999).
jargionite = Sb-rich galena, Chester 137 (1896).
jargon (Cronstedt) = pale-yellow gem zircon, Chester 137 (1896).
jargon (Fay) = low-quality pale-yellow diamond, Thrush 597 (1968).

jargon de Ceylan = zircon, Dana 6th, 482 (1892).
jargon de diamant = zircon, Egleston 378 (1892).
Jargonium = pale-yellow zircon, Hintze I.2, 1637 (1904).
jargoon = pale-yellow gem zircon, Chester 137 (1896).
Jarka = halite, Hintze I.2, 2194 (1911).
jarla = halite, Aballain *et al.* 172 (1968).
Järn = iron, Zirlin 69 (1981).
Järnhypersten = Mg-rich ferrosilite, MM 24, 614 (1937).
Järnhypersthen = Mg-rich ferrosilite, Chudoba EII, 183 (1954).
Jarnhypersthen = Mg-rich ferrosilite, Aballain *et al.* 172 (1968).
Järnknebelit = Mn-rich fayalite, MM 25, 633 (1940).
Järnmalm tritura rubra = red hematite, Dana 6th, 213 (1892).
Järn med Kalkjord förenadt = siderite, Dana 6th, 276 (1892).
Järnrhodonit = pyroxmangite, MM 24, 613 (1937).
jarnrhodonit = pyroxmangite, Aballain *et al.* 172 (1968).
Järnvitriol = melanterite, Zirlin 81 (1981).
Jaroschit = Mg-rich melanterite, AM 26, 136 (1941).
Jarošit (Kokta) = Mg-rich melanterite, Dana 7th II, 499 (1951).
jarosite-(K) = jarosite, MM 72, 1139 (2008).
jarosite-K = jarosite, AM 96, 786 (2011).
Jarosites kalicus = jarosite, Lattice 20(2), 3 (2004).
Jarosit-Pastreit = jarosite, Chudoba RII, 106 (1971).
jaroslavite = yaroslavite, MM 35, 1138 (1966).
Jaroslawit = yaroslavite, Chudoba EIII, 571 (1968).
jarožit = jarosite, László 310 (1995).
jarožlavit = yaroslavite, László 118 (1995).
Jarra Gem = synthetic gem rutile, Read 124 (1988).
jarrowite (Bromwell) = calcite pseudomorph after ikaite, AM 86, 1530 (2001).
Jarrowit (Miers) = celestine, Doelter IV.2, 225 (1927).
jasde du war = compact calcite (marble), de Fourestier 168 (1999).
jásdite = hydrocarbon, Papp 155 (2004).
jasgon = zircon, Egleston 378 (1892).
jashb = massive quartz ± red hematite ± brown goethite, Bukanov 409 (2006).
jashfe = jadeite or actinolite or tremolite or quartz, Bukanov 254, 289 (2006).
jashm = jadeite or actinolite or tremolite or quartz, Bukanov 254, 289 (2006).
jashpu = jadeite or actinolite or tremolite, Bukanov 254 (2006).
Jasint = zircon or corundum or grossular or vesuvianite or harmotome or meionite, Zirlin 67 (1981).
jaskolskite = jaskólskiite, MM 50, 748 (1986); MR 39, 133 (2008).
jason = unknown, Hey 88 (1963).
Jasopal = red Fe-rich opal-CT, Doelter II.1, 253 (1913).
jaspachate = banded quartz-mogánite mixed-layer ± red hematite ± brown goethite, Chester 139 (1896).
jasp-agate = banded quartz-mogánite mixed-layer ± red hematite ± brown goethite, Dana 7th III, 214 (1962).
jaspar = massive quartz ± red hematite ± brown goethite, MM 54, 666 (1990).
jaspe = massive quartz ± red hematite ± brown goethite, Lacroix 23 (1931).

jaspe-agate = banded quartz-mogánite mixed-layer ± red hematite ± brown goethite, Kipfer 179 (1974).
jaspe Egyptien = black massive Fe-rich quartz, de Fourestier 168 (1999).
jaspe fleuri = banded quartz-mogánite mixed-layer, Read 124 (1988).
jaspe opal = red Fe-rich opal-CT, Des Cloizeaux I, 23 (1862).
jasper = massive quartz ± red hematite ± brown goethite, Dana 6th, 190 (1892).
jasperine = banded Fe-rich quartz ± red hematite ± brown goethite, AM 12, 391 (1927).
jasperite = massive quartz ± red hematite ± brown goethite, AM 12, 390 (1927).
jasperized wood = massive quartz + red hematite pseudomorph after wood, Pearl 168 (1964).
jasper jade = massive quartz + hematite + serpentine, Read 124 (1988).
jasperoid = quartz-mogánite mixed-layer, Bates & Jackson 351 (1987).
jasper opal = red Fe-rich opal-CT, Egleston 239 (1892).
jaspe rubané = massive quartz ± hematite ± brown goethite, Egleston 283 (1892).
jaspery clay iron = clay + hematite or goethite or siderite, Clark 329 (1993).
jaspery clay ironstone = clay + hematite or goethite or siderite, Egleston 151 (1892).
jaspery iron ore = clay + hematite or goethite or siderite, Dana 6th, 1118 (1892).
jaspe sanguine = red gem quartz, Egleston 282 (1892).
jaspide = green + yellow gem quartz, LAP 23(6), 48 (1998).
jaspilite = banded Fe-rich quartz ± red hematite ± brown goethite, Dana 7th III, 225 (1962).
jaspillite = banded Fe-rich quartz ± red hematite ± brown goethite, Webster & Anderson 956 (1983).
jaspilyte = banded Fe-rich quartz ± red hematite ± brown goethite, Bates & Jackson 352 (1987).
jaspis = massive quartz ± red hematite ± brown goethite, Egleston 283 (1892).
jáspisachát = banded quartz-mogánite mixed-layer ± red hematite ± brown goethite, László 2 (1995).
jaspis antinephriticus = actinolite, Egleston 14 (1892).
jaspis colore coeruleo cuprifer = gem lazurite ± calcite, Dana 6th, 432 (1892).
jáspisjade = massive quartz + hematite + serpentine, László 116 (1995).
jáspisopál = red Fe-rich opal-CT, László 204 (1995).
jaspis orientalis = green + yellow gem quartz ± hematite ± hornblende, LAP 31(5), 8 (2006).
jaspisschiefer = black massive Fe-rich quartz, LAP 33(5), 8 (2008).
jaspis viridis = actinolite or jadeite, Egleston 14 (1892).
Jaspohämatit = black hematite, Hintze I.2, 1804 (1908).
jaspoïd = tachylyte (lava), Egleston 336 (1892).
jasponal = red Fe-rich opal-CT, Webster & Anderson 956 (1983).
jasponyx = banded quartz + hematite, Dana 6th, 190 (1892).
jasp-opal = red Fe-rich opal-CT, Dana 6th, 195 (1892).
jasporal = red Fe-rich opal-CT, Aballain *et al.* 172 (1968).
Jaulingit = resin, Dana 6th, 1006 (1892).
Jaulingit-α = resin, Chudoba RII, 57 (19710; [I.4,1414]).
Jaulingit-β = resin, Dana 6th, 1006 (1892).

jaune de Sienne = compact calcite (marble), de Fourestier 168 (1999).
Java Gem = synthetic gem rutile, Nassau 213 (1980).
jávaionix = banded calcite or aragonite, László 203 (1995).
javaite = glass (tektite), Sinkankas 216 (1972).
javanite = glass (tektite), Bates & Jackson 352 (1987).
Java onyx = banded calcite or aragonite, Read 125 (1988).
javapaiiet = yavapaiite, Council for Geoscience 787 (1996).
jawapaiiet = yavapaiite, Council for Geoscience 787 (1996).
jay = lignite (low-grade coal), Egleston 218 (1892).
jayet = lignite (low-grade coal), Haüy IV, 470 (1822).
jayuke = jadeite, Bukanov 402 (2006).
jeat = lignite (low-grade coal), Chester 138 (1896).
jedde = actinolite or jadeite, Egleston 14 (1892).
Jedi opal = opal + hematite, Bukanov 148 (2006).
jedliniet = yedlinite, Council for Geoscience 787 (1996).
jedvabite = jedwabite, MA 49, 768 (1998).
jefferisite = Fe-rich vermiculite, Dana 6th, 664 (1892).
jeffersonite = Zn-Mn²⁺-rich diopside or augite, AM 73, 1131 (1988).
Jeffreynowit = vesuvianite, Doelter IV.3, 1133 (1931); [II.2, 927].
jefreinoffite = vesuvianite, Dana 6th, 1118 (1892).
jefreinovite = vesuvianite, Clark 338 (1993).
Jefreynowit = vesuvianite, Egleston 360 (1892).
jefremovit (Gagarin & Cuomo) = mitridatite, László 119 (1995).
jefremovit (Scserbakova & Bazsenova) = efremovite, László 119 (1995).
Jefremowit = efremovite, Weiss 72 (1998).
jég = ice, László 119 (1995).
jég- α = ice-I_h, László 119 (1995).
jég- β = unstable H₂O, László 119 (1995).
jég-III = high-pressure H₂O, László 119 (1995).
jég-VIII = synthetic H₂O, László 119 (1995).
jégkő = cryolite, László 119 (1995).
jégvirágjáspis = massive quartz + red hematite, László 118 (1995).
Jehangir = diamond, O'Donoghue 72 (2006).
jeiet = lignite (low-grade coal), Bukanov 360 (2006).
Jekaterinit = ekaterinite, Weiss 73 (1998).
jekatyerinit = ekaterinite, László 119 (1995).
Jelenit = resin, Chudoba RII, 13 (1971).
jelinekite = resin, MM 25, 634 (1940).
jelinite = resin, MM 25, 634 (1940).
jelizavetyinszkit = Mn-Co-rich lithiophorite, László 65 (1995).
jellelite = green-yellow andradite, Chester 138 (1896).
jellesite = green-yellow andradite, Chester 138 (1896).
jelletite = green-yellow andradite, Dana 6th, 443 (1892).
jellettite = green-yellow andradite, Des Cloizeaux I, 275 (1862).
jellitite = green-yellow andradite, de Fourestier 33 (1994).
jelly-like opal = white opal, Bukanov 151 (2006).
jelly opal = blue-grey gem opal-A, Schumann 150 (1997).
jelly rock = montmorillonite, de Fourestier 169 (1999).
jelmita = tapiolite-(Fe) + pyrochlore ?, de Fourestier 169 (1999).
jemchuznikovite = zhemchuznikovite, MM 33, 1139 (1964).
jena = quartz, de Fourestier 169 (1999).
jenaite = ilvaite, Clark 338 (1993).
jencsungit = kotulskite, László 299 (1995).
jenite = ilvaite, Chester 138 (1896).

jenkinsite = Fe²⁺-rich antigorite, AM 47, 783 (1962); 49, 1157 (1964).
jenkisite = Fe²⁺-rich antigorite, Lacroix 62 (1931).
jensanit = Pt-rich vysotskite, László 299 (1995).
Jentschit (Koechlin) = lengenbachite, MM 14, 80 (1905).
jenzschite = opal-CT, Dana 6th, 194 (1892).
jenzsehite = opal-CT, Hey 88 (1963).
jeolite = unknown, IMA 1988-034; PhM 4, 133 (1927).
jeorjiádiszit = georgiadesite, László 88 (1995).
jeremeievite = jeremejevite, Chester 138 (1896).
jéreméiéwite (original spelling) = jeremejevite, Dana 6th, 875 (1892).
jeremeiwite = jeremejevite, Chester 138 (1896).
jeremejeffite = jeremejevite, Dana 6th, 875 (1892).
Jeremejeit = jeremejevite, Clark 339 (1993).
jeremejev(e)it = jeremejevite, László 119 (1995).
jéreméjévite-F = jeremejevite, CM 19, 303 (1981).
jéreméjévite-OH = synthetic Al₆B₅O₁₅(OH)₃, CM 19, 303 (1981).
Jeremejewit = jeremejevite, Linck I.4, 96 (1921).
jeremyjevite = jeremejevite, Webster & Jobbins 61 (1998).
jermakit = clay, László 119 (1995).
Jern = iron, Dana 6th, 28 (1892).
Jernatrolith = natrolite + chamosite ?, Kipfer 179 (1974).
Jernglans = hematite, Dana 6th, 213 (1892).
Jernglanz = hematite, Dana 7th I, 527 (1944).
Jernglas = hematite, Kipfer 179 (1974).
Jernmalm = hematite, Dana 6th, 1118 (1892).
Jernnatrolith = natrolite + chamosite ?, Dana 6th, 602 (1892).
Jern-Nikkelküs = pentlandite, de Fourestier 169 (1999).
jernoch-manganoxidulik hornblende = manganogrunerite, Egleston 169 (1892).
Jern-och-manganoxidulrik Hornblende = manganogrunerite, Dana 6th, 386 (1892).
Jernrhodonit = pyroxmangite, Dana 6th, 378 (1892).
Jern Sand = magnetite, Dana 6th, 224 (1892).
Jernschefferit = aegirine-augite or Fe-rich augite, Clark 339 (1993).
Jerntalc = Fe-rich talc or minnesotaite, Kipfer 179 (1974).
Jerntalk = Fe-rich talc or minnesotaite, MM 22, 623 (1931).
jeromite = non-crystalline Se-rich orpiment, CM 44, 1559 (2006).
Jerschowit = ershovite, Weiss 76 (1998).
jerulfina = wagnerite + fluorapatite, de Fourestier 169 (1999).
jeshm = massive quartz ± red hematite ± brown goethite, Bukanov 289 (2006).
jeso = gypsum, Egleston 169 (1892).
jet = lignite (low-grade coal), Dana 6th, 1022 (1892).
jet stone = schorl, Read 125 (1988).
Jett = lignite (low-grade coal), Haditsch & Maus 88 (1974).
jetty stone = schorl, Bukanov 85 (2006).
jeux de Vanhelfmont = clay + calcite, de Fourestier 169 (1999).
jevreinoffite = vesuvianite, Egleston 360 (1892).
jevreinovite = vesuvianite, Chester 138 (1896).
Jevreinowit = vesuvianite, Chester 138 (1896).
Jewelite = synthetic gem tausonite, Nassau 216 (1980).
jeweller's jade = jadeite, Bukanov 402 (2006).
jeweller's rouge = hematite, Read 125 (1988).
jeweller's topaz = heated yellow gem Fe³⁺-rich quartz, Thrush 599 (1968).

jewellite = iron (meteorite), Chester 138 (1896).
jewel of perfection = transparent quartz, AM 12, 386 (1927).
jewel jade = green jadeite, Thrush 599 (1968).
Jewish granite = microcline, Bukanov 275 (2006).
Jewish spar = sanidine or Ca-rich albite + quartz, Bukanov 277 (2006).
Jewish stone = microcline or amber, Bukanov 275, 348 (2006).
Jewreinowit = vesuvianite, Dana 6th, 477 (1892).
jew's pitch = bitumen, Egleston 34 (1892).
jew's stone = marcasite, Bates & Jackson 352 (1987).
jeypoorite = jaipurite or linnaeite, Dana 6th, 71 (1892).
Jeypurit = jaipurite or linnaeite, Clark 339 (1993).
ježekite = Na-rich morinite, AM 47, 398 (1962); 49, 1157 (1964).
ježikite = Na-rich morinite, Kostov & Breskovaska 190 (1989).
Jhleit = copiapite ?, Tschermak 558 (1894).
jialuite = $\text{Bi}_{38}\text{CrO}_{60}$, IMA 1997-011a; Xinjiang Geol. 23, 41 (2005).
jianshulite = jianshuiite, Back & Mandarino 15 (2008).
jichengite (IMA 1984-047) = Ni_2IrS_3 , IMA 1994-039; CM 33, 518 (1995).
jideite (IMA 1994-040) = Fe_2IrS_3 , CM 33, 518 (1995).
jihszünit = yixunite, László 299 (1995).
jiksoeniet = yixunite, Council for Geoscience 787 (1996).
jílovéite = unknown, IMA 1987-058.
jiluanite (IMA 1984-048) = Ni_2RhS_3 , IMA 1994-042; CM 33, 518 (1995).
jimengit = yimengite, László 299 (1995).
jingcsiangit = yingjiangite, László 299 (1995).
jiningite = Fe-(OH)-rich thorite, AM 45, 755 (1960); 49, 223 (1964).
jinyunite = clinoptilolite + mordenite, AM 70, 873 (1985).
jipingite (IMA 1984-049) = Fe_2RhS_3 , IMA 1994-041; CM 33, 518 (1995).
Jivaarit = schorlomite, Chudoba RI, 31 (1939).
Jiwaarit = schorlomite, Clark 321 (1993).
jixianite = plumboelsmoreite, CM 48, 692 (2010).
J.M. = kaolinite, Robertson 20 (1954).
J.M.A. = kaolinite + illite + goethite ?, Robertson 20 (1954).
joaquinite = joaquinite-(Ce), AM 72, 1042 (1987).
Joassit = cassedanneite, Clark 340 (1993).
Job's tears = fayalite, de Fourestier 169 (1999).
Jochroit = tourmaline, Chester 134 (1896).
Jöckelgut = melanterite, Haditsch & Maus 89 (1974).
Jocketan = siderite + goethite ?, MM 12, 385 (1900).
Jodammonium-Carnallit = synthetic $(\text{NH}_4)\text{MgI}_3 \cdot 6\text{H}_2\text{O}$, Hintze I.2, 2374 (1912).
jódagirit = iodargyrite, TMH III, 27 (1998).
Jodargyrit = iodargyrite, Hintze I.2, 2308 (1912).
Jod-Atacamit = synthetic $\text{Cu}_2\text{I}(\text{OH})_3$, Hintze I.2, 2595 (1915).
Jodblei = schwartzembergite, Egleston 304 (1892).
Jodboracit = synthetic $\text{Mg}_3\text{B}_7\text{O}_{13}\text{I}$, Clark 340 (1993).
Jodbotallackit = synthetic $\text{Cu}_2\text{I}(\text{OH})_3$, Clark 325 (1993).
Jodbromchlorsilber = I-Cl-rich bromargyrite, Dana 6th, 160 (1892).
jódbrómezüst = I-Cl-rich bromargyrite, László 119 (1995).
Jodcarnallit = synthetic $\text{KMgI}_3 \cdot 6\text{H}_2\text{O}$, Hintze I.2, 2374 (1912).
Jodchlorsilber = I-Cl-rich bromargyrite, Haditsch & Maus 88 (1974).
Jodchromat = dietzeite, MM 11, 328 (1897).
Jodembolit = I-Cl-rich bromargyrite, MM 13, 369 (1903).
jódezüst = iodargyrite, László 120 (1995).
Jodidsodalith = synthetic sodalite, Doelter IV.3, 1134 (1931); [II.2,277].

Jodinsilber = iodargyrite, Hintze I.2, 2313 (1912).
jodiriet = iodargyrite, Council for Geoscience 762 (1996).
Jodit = iodargyrite, Hintze I.2, 2308 (1912).
jodiumemboliet = I-Cl-rich bromargyrite, Council for Geoscience 762 (1996).
Jodkalium-Carnallit = synthetic $\text{KMgI}_3 \cdot 6\text{H}_2\text{O}$, Hintze I.2, 2374 (1912).
jódkarnallit = synthetic $\text{KMgI}_3 \cdot 6\text{H}_2\text{O}$, László 311 (1995).
jodkromát = dietzeite, László 120 (1995).
Jodkupfer = marshite, Doelter IV.3, 120 (1929).
Jod-Laurionit = synthetic $\text{PbI}(\text{OH})$, Hintze I.2, 2636 (1915).
Jodmerkur = coccinite, Egleston 89 (1892).
Jodmimetesit = synthetic apatite $\text{Pb}_5(\text{AsO}_4)_3\text{I}$, MM 33, 1139 (1964).
Jodnatrium = synthetic NaI , Tschermak 569 (1894).
jodoammóniumcarnallit = synthetic $(\text{NH}_4)\text{MgI}_3 \cdot 6\text{H}_2\text{O}$, László 120 (1995).
Jodobromid = I-Cl-rich bromargyrite, Doelter IV.3, 75 (1929).
Jodobromit = I-Cl-rich bromargyrite, Hintze I.2, 2298 (1912).
jodochromsaures Calcium = dietzeite, Doelter IV.2, 742 (1927).
jodolaurionit = synthetic $\text{PbI}(\text{OH})$, László 120 (1995).
jodolit = alkali sulfide ? (meteorite), László 120 (1995).
jodomimetezit = synthetic apatite $\text{Pb}_5(\text{AsO}_4)_3\text{I}$, László 120 (1995).
jodopiromorfit = hypothetical apatite $\text{Pb}_5(\text{PO}_4)_3\text{I}$, László 120 (1995).
jodovanadinit = synthetic apatite $\text{Pb}_5(\text{VO}_4)_3\text{I}$, Strunz & Nickel 791 (2001).
Jodquecksilber = coccinite, Egleston 170 (1892).
jodsaurer Kalk = lautarite, Hintze I.3, 2745 (1916).
Jodsilber = iodargyrite, Dana 6th, 160 (1892).
jodure d'argent = iodargyrite, Hintze I.2, 2312 (1912).
Jodvanadinit = synthetic apatite $\text{Pb}_5(\text{VO}_4)_3\text{I}$, MM 33, 1139 (1964).
Jodvanadit = synthetic apatite $\text{Pb}_5(\text{VO}_4)_3\text{I}$, Clark 325 (1993).
Jodyrit = iodargyrite, Hintze I.2, 2308 (1912).
joegawaraliet = yugawaralite, Council for Geoscience 787 (1996).
joeksporiet = yuksporite, Council for Geoscience 787 (1996).
Joelbruggerit = joëlbruggerite, LAP 34(10), 10 (2009).
joenitoiet = junitoite, Council for Geoscience 763 (1996).
joerawskiet = jouravskite, Council for Geoscience 763 (1996).
jogarkvarc = layered terminated quartz + clay, TMH II, 13 (1994).
joginaite = scorodite, László 120 (1995).
joguanite = scorodite, Kipfer 180 (1974).
joguneite = scorodite, Egleston 307 (1892).
Jogyait = scorodite, Clark 342 (1993).
Jogyanit = scorodite, Chudoba EII, 733 (1959); EIII, 573 (1968).
Jogynait = scorodite, Dana 6th, 822 (1892).
Johanitt = johannite, Zirlin 71 (1981).
Johannes Gem = synthetic gem rutile, Nassau 213 (1980).
Johannit (Jedlicka) = conichalcite, LAP 33(10), 36 (2008).
johnbaumite = johnbaumite-H, EJM 22, 165 (2010).
johngrunerite = unknown, IMA 1971-044.
johnite (Fersman & Schubnikow) = hartite ?, Clark 341 (1993).
Johnit (Fischer) = turquoise, Dana 6th, 844 (1892).
johnsonite (Clark) = galena, Clark 675 (1993).
Johnsonit (Richmond & Off) = $\text{Mn}^{2+}\text{-Co}^{2+}$ -rich halotrichite, MM 14, 401 (1907).
johnstonite (Chapman) = vanadinite, MM 12, 385 (1900).
johnstonite (Haidinger) = galena, Dana 7th I, 200 (1944).
johnstonolite = Ca-rich spessartine, Lacroix 59 (1931).

johnstonotite = Ca-rich spessartine, AM 53, 1065 (1968).
johnstrupine = rinkite, AM 55, 1442 (1970).
Johnstrupit = rinkite, AM 43, 795 (1958).
joinville = compact calcite (marble), de Fourestier 170 (1999).
Joketan = Fe-C-O-H, MM 1, 87 (1877).
jokokuite = jôkokuite, Blackburn & Dennen 149 (1997); MR 39, 133 (2008).
jokoszukait = nsutite, László 299 (1995).
jokroit = tourmaline, László 120 (1995).
Jolanthit = red massive Fe-rich quartz, Chudoba EII, 451 (1955); [EI,238].
Jolith = cordierite, Dana 6th, 419 (1892).
jollite = Al-rich hisingerite, Chester 139 (1896).
Jollyit = Al-rich hisingerite, Chudoba EII, 734 (1959).
jollylite = Al-rich hisingerite, Chester 139 (1896).
Jollyt = Al-rich hisingerite, Dana 6th, 703 (1892).
jololcaïte = $PbBi_3Te_4S_3$, CM 45, 432 (2007).
Joninha = 320 kg. pink gem elbaite, MR 36, 543 (2005).
Jonit = hartite ?, Chudoba RI, 32 (1939); [I.4,1340].
Jonker = 726 ct. diamond, AG 23, 123 (2007).
Jonstonotit = andradite, Haditsch & Maus 89 (1974).
Jonstrupit = rinkite, Doelter III.1, 151 (1913).
Jordan Clay = kaolinite + goethite ?, Robertson 20 (1954).
jordanite-thallifère = Tl-rich jordanite, Aballain et al. 174 (1968).
Jordblandadt = thermonatrite, Egleston 344 (1892).
Jordblandadt Alkaliskt-salt = thermonatrite, Dana 6th, 300 (1892).
jordisite = colloidal molybdenite, AM 86, 852 (2001).
jordizit = colloidal molybdenite, László 311 (1995).
jorgensenite = jørgensenite, Back & Mandarino 34, 110 (2008); MR 39, 133 (2008).
Jørgensenit = jørgensenite, LAP 22(7/8), 78 (1997).
josefinita = awaruite, Novitzky 175 (1951).
joseite- α = joséite-A, Aballain et al. 174 (1968).
joséite-A (questionable) = Te-rich ikunolite, AM 76, 257 (1991); PDF 47-1477.
josëite = joséite-A, AM 76, 258 (1991); MR 39, 133 (2008).
joséite-B (questionable) = S-rich pilsenite, AM 76, 257 (1991); PDF 42-610.
josëite-B = joséite-B, AM 76, 258 (1991); MR 39, 133 (2008).
joseite- β = joséite-B, Aballain et al. 174 (1968).
joséite-C = Te-rich ikunolite, AM 56, 1839 (1971).
joseite-D = S-rich pilsenite, Clark 341 (1993).
Josen = hartite, MM 20, 456 (1925).
josenite = hartite, Winchell & Winchell II, 133 (1951).
josephinite = awaruite, MM 11, 329 (1897).
josiet = wüstite, Council for Geoscience 762 (1996).
josimurait = yoshimuraite, László 299 (1995).
josiokait = yoshiokaite, László 299 (1995).
josjikavait = dypingite, László 299 (1995).
josjikawaiet = dypingite, Council for Geoscience 787 (1996).
josjimoeraïet = yoshimuraite, Council for Geoscience 787 (1996).
jossaite = cassedanneite, Dana 6th, 916 (1892).
josszait = cassedanneite, László 311 (1995).
josziderit = wüstite or ulvöspinel, László 121 (1995).

Jourado Diamond = synthetic gem corundum or spinel, Nassau 210, 211 (1980).
jouradogyémánt = synthetic gem corundum or spinel, László 95 (1995).
Jouravskyit = jouravskite, Chudoba EIII, 574 (1968).
Joyganit = scorodite, Chudoba EII, 733 (1959).
jozefinit = awaruite, László 121 (1995).
jozén = hartite, László 121 (1995).
Jozit (Brun) = wüstite, MM 20, 456 (1925).
Jozit (?) = ulvöspinel, Strunz 539 (1970).
jschkyldite = chrysotile- $2M_{Cl}$, Clark 342 (1993).
Jü = actinolite or jadeite, Hintze II, 1245 (1894).
ju = actinolite or jadeite, Egleston 14 (1892).
juanite (questionable) = fibrous hornblende ? (altered melilite), AM 17, 354 (1932); Chudoba EII, 471 (1955); PDF 29-335.
juanjiangite = unknown, IMA 1993-028; APM 13, 232 (1994).
Juan jade = white + red actinolite or jadeite, Thrush 603 (1968).
ju chi = actinolite or jadeite, Egleston 14 (1892).
juddite = Mn-rich magnesioarfvedsonite, AM 63, 1050 (1978).
Judenleim = bitumen, Haditsch & Maus 89 (1974).
Judenpech = bitumen, Dana 6th, 1118 (1892).
jüdisches Bergwachs = bitumen, Haditsch & Maus 89 (1974).
juga stone = transparent quartz, Bukanov 123 (2006).
jugavaralit = yugawaralite, László 299 (1995).
jugawaralite = yugawaralite, MM 46, 520 (1982).
jugoldite = julgoldite-(Fe²⁺), AM 53, 1427 (1968).
jujuita = tripuhyite, MM 29, 985 (1952).
Jujukulit = Ni-rich cobaltite, Chudoba EIII, 167 (1965).
jujuyite = tripuhyite, Dana 7th II, 1024 (1951).
Juksporit = yuksporite, MM 21, 567 (1928).
jukszporit = yuksporite, László 121 (1995).
julgoldite = julgoldite-(Fe²⁺), CM 12, 219 (1973).
julgoldite-Fe = julgoldite-(Fe²⁺) + julgoldite-(Fe³⁺), AM 88, 1084 (2003).
julgoldite-(Fe) = julgoldite-(Fe²⁺), LAP 31(12), 19 (2006).
julgoldite-(Fe⁺²) = julgoldite-(Fe²⁺), Fleischer 89 (1987).
julgoldite-(Fe''') = julgoldite-(Fe²⁺), CM 25, 367 (1987).
julgoldite-Fe³⁺ = julgoldite-(Fe³⁺), AM 88, 1084 (2003).
julgoldite-(Fe''''') = julgoldite-(Fe³⁺), CM 12, 221 (1973).
Julianit = tennantite, Dana 6th, 137 (1892).
juliénite or juliënite = julienite, MR 39, 134 (2008).
Julius Pam = diamond, Hintze I.1, 37 (1898).
julla = anthracite (coal), Egleston 217 (1892).
julukulite = Ni-rich cobaltite, MM 32, 963 (1961).
Jumillit = yellow-green apatite, Kipfer 101 (1974).
junckérite = siderite, Dana 6th, 278 (1892).
Jungfernquecksilber = mercury, Haditsch & Maus 89 (1974).
Jungfernschwefel = sulphur- α , Haditsch & Maus 89 (1974).
juningite = (OH)-rich thorite, Clark 699 (1993).
junkerite = siderite, MM 32, 963 (1961).
junkite = unknown, Hey & Embrey 129 (1974).
jupiter = tin, Dana 6th, 24 (1892).
Jupiter-5 = 26,350 ct. opal-A, Bukanov 150 (2006).
Jurdiamant = diamond simulate, Kipfer 81 (1974).
jurinite = brookite, Dana 6th, 242 (1892).
jurupaite = Mg-rich xonotlite, MM 30, 338 (1954).

Juschkinit = yushkinite, LAP 11(12), 32 (1986).
jushkinite = yushkinite, Clark 770 (1993).
Jusit (questionable) = tobermorite, AM 30, 548 (1945).
juskit = yushkinite, László 121 (1995).
Justit (Hofmann-Degan) = Fe-Zn-rich åkermanite, MM 19, 343 (1922).
Justit (Koechlin) = koenenite, Dana 7th II, 86 (1951).
juvenas meteorite = unknown, MM 1, 87 (1877).
Juxporit = yuksporite, MM 21, 567 (1928).
Jydeit = jadeite, Kipfer 101 (1974).
jyet = lignite (low-grade coal), Bukanov 360 (2006).