

H = kaolinite + quartz + illite ?, Robertson 19 (1954).  
Haaramethyst = violet Fe-rich quartz + acicular rutile, Haditsch & Maus 75 (1974).  
haarcialite subfamily = acicular natrolite + mesolite + scolecite + thomsonite + mordenite, Chester 112 (1896).  
haarförmige Brauneisenstein = acicular goethite, Dana 7th I, 680 (1944).  
haarförmigen Wasserkies = acicular millerite, Hintze I.1, 608 (1900).  
haarförmiger Brauneisenstein = acicular goethite, Dana 6th, 247 (1892).  
haarförmiges Antimonglanz = acicular jamesonite, Dana 7th I, 452 (1944).  
haarförmiges Grauspiessglanzerz = acicular jamesonite, Dana 7th I, 452 (1944).  
haarförmiges Grausspiessglanzerz = acicular jamesonite, Egleston 146 (1892).  
haarförmiges Rothkupfererz = acicular cuprite, Dana 6th, 206 (1892).  
Haarigsilber = acicular silver, Haditsch & Maus 75 (1974).  
Haarkies = acicular millerite or marcasite, Dana 6th; 70, 94 (1892).  
Haarkise = acicular millerite, Hey 447 (1962).  
Haarkupfer = acicular copper, Doelter III.2, 60 (1919).  
Haarnickelkies = millerite, Kipfer 94 (1974).  
Haarquarz = quartz + rutile, Kipfer 94 (1974).  
haarsalt = acicular epsomite or pickeringite or halotrichite or alunogen, Egleston 117 (1892).  
Haarsalz = acicular epsomite or pickeringite or halotrichite or alunogen, Dana 6th; 938, 951, 958 (1892).  
haarscialithe subfamily = acicular natrolite + mesolite + scolecite + thomsonite + mordenite, Des Cloizeaux I, 543 (1862).  
Haarsilber = acicular silver, Doelter III.2, 125 (1919).  
Haarstein = quartz ± rutile ± goethite, Sinkankas 288 (1972).  
Haarzeolith subfamily = acicular natrolite + mesolite + scolecite + thomsonite + mordenite, Chester 112 (1896).  
habaqinite = unknown, IMA 1986-048.  
Habazit = chabazite, MA 12, 483 (1955).  
Habronememalachit: See diatomer (clinoclase), dystomer (chalcophyllite), hemiprismatischer (malachite), prismatoidischer (atacamite), prismatischer (pseudomalachite).  
Habronemerz = goethite, Goldschmidt IX text, 181 (1923).  
hechite (IMA 1985-003) = unknown, A.C. Roberts, pers. comm. (2010).  
hacked quartz = transparent quartz, Clark 579 (1993).  
Hackmanit = pink S-rich sodalite, MM 13, 368 (1903).  
hackmannita = pink S-rich sodalite, Zirlin 63 (1981).  
hacockita = epidote-(Pb), de Fourestier 141 (1999).  
haddamite = microlite, AM 62, 406 (1977).  
haeggite = häggite, AM 72, 1036 (1987).  
haemachatae = banded quartz-mogánite mixed-layer, MM 13, 368 (1903).  
hæmachates = banded quartz-mogánite mixed-layer, Egleston 281 (1892).  
Hæmafibril = synadelphite, Strunz 346 (1970).  
haema-ovoid-agates = banded quartz-mogánite mixed-layer, MM 13, 368 (1903).  
haematinon = opaque red glass, O'Donoghue 829 (2006).  
hæmatite (original spelling) = hematite, MM 38, 104 (1971).  
haematite black = romanèchite, Chudoba RI, 28 (1939).  
haematites = hematite or goethite, Dana 6th; 213, 250 (1892).  
haematites ruber = hematite, Dana 6th, 213 (1892).  
Haematit-Granat = almandine, Chudoba EIV, 35 (1974).

haematitis = massive quartz + hematite, Dana 6th, 190 (1892).  
Haematitogelit = colloidal hematite ± goethite, Clark 279 (1993).  
hæmatoconite = calcite + hematite (marble), Dana 6th, 267 (1892).  
haematogelite = colloidal hematite ± goethite, MM 16, 361 (1913).  
Haematokonit = calcite + hematite (marble), Haditsch & Maus 75 (1974).  
Hæmatolith = hematolite, Dana 6th, 1116 (1892).  
Haematophanit = hematophanite, MM 27, 270 (1946).  
hæmatostibiite = katoptrite, Chester 112 (1896).  
Haematotokonit = calcite + hematite, MM 35, 1135 (1966).  
hæmostibiite = katoptrite, Chester 112 (1896).  
hæmostilbite = katoptrite, Chester 112 (1896).  
hafnefiordite = Na-rich anorthite, Egleston 236 (1892).  
Hafnefjordit = Na-rich anorthite, Dana 6th, 334 (1892).  
hafnoon = hafnon, Council for Geoscience 759 (1996).  
hagatalite = Y-Nb-Ta-rich zircon, AM 11, 137 (1926).  
hagatolite = Y-Nb-Ta-rich zircon, Lacroix 24 (1931).  
Hagel = ice, Egleston 365 (1892).  
Hagelkörner = ice, Egleston 365 (1892).  
hagemannite = ralstonite + thomsenolite + goethite ± ferrihydrite, AM 34, 383 (1949).  
hagendorfite-ferro = hypothetical  $\text{NaCaFe}_3(\text{PO}_4)_3$ , Nickel & Nichols 246 (1991).  
hagendorfite-NaNa =  $\text{Na}_2\text{MnFe}_3(\text{PO}_4)_3$ , CMP 92, 502 (1986).  
haggite = häggite, MM 32, 959 (1961); MR 39, 133 (2008).  
hag stone = quartz-mogánite mixed-layer, de Fourestier 141 (1999).  
Hahnenkamm = pyrite, Haditsch & Maus 75 (1974).  
Hahnenkammspat = baryte, Doelter IV.3, 1129 (1931).  
Hahnenkies = marcasite, Hintze I.1, 821 (1901).  
haidigerita = berthierite, Domeyko II, 273 (1897).  
haidingerite (Berthier) = berthierite, Dana 6th, 114 (1892).  
haidite = clay, Horváth 272 (2003).  
hail = ice, Winchell & Winchell 58 (1951).  
hailstone-bort = diamond + inclusions, Read 107 (1988).  
haimatites = massive quartz + hematite, Dana 7th III, 226 (1962).  
Haimatolith = hematolite, Egleston 147 (1892).  
hair amethyst = violet Fe-rich quartz + acicular rutile, Webster & Anderson 955 (1983).  
hair copper = acicular cuprite, Bates & Jackson 297 (1987).  
hair crystal = quartz + acicular rutile or actinolite, Thrush 522 (1968).  
hair nickel = acicular millerite, Egleston 213 (1892).  
hair-pyrites = acicular millerite or marcasite, Chester 112 (1896).  
hairsalt = acicular epsomite or pickeringite or halotrichite or alunogen, Dana 6th; 938, 1116 (1892).  
hair-stone = quartz + acicular rutile or actinolite, Chester 112 (1896).  
hair stone = transparent calcite + acicular mordenite, Bukanov 246 (2006).  
hair-zeolite subfamily = acicular natrolite + mesolite + scolecite + thomsonite + mordenite, Chester 112 (1896).  
haiweeite-(Mg) = magnioursilite, PDF 17-463.  
hajametiszt = violet Fe-rich quartz + acicular rutile, László 11 (1995).  
hajkovand = millerite, László 97 (1995).  
hajsó = alunogen or epsomite or halotrichite or pickeringite, László 97 (1995).

hajzeolit subfamily = acicular natrolite + mesolite + scolecite + thomsonite or mordenite, László 97 (1995).  
hakasszit = alumohydrocalcite, László 97 (1995).  
hakik = banded quartz-mogánite mixed-layer, Webster & Anderson 955 (1983).  
hakkamette = gypsum + epsomite + others, de Fourestier 142 (1999).  
halagurite = Mn-Mg-rich ferrosilite, IMA Abstracts, 140 (1994).  
halbanita aquamarine = CO<sub>3</sub>-rich beryl, Read 107 (1988).  
Halbaryt: See diprismatischer (witherite), hemiprismatischer (barytocalcite), peritomer (strontianite), prismatischer (baryte), prismatoidischer (celestine).  
Hal-Baryt (Haidinger) = barytocalcite, Linck I.3, 3107 (1926).  
Halbasurblei = caledonite, Clark 280 (1993).  
Halbazurblei = caledonite, Dana 6th, 1116 (1892).  
halbgeschwefelter Wismuth = pilsenite + hessite, Papp 83 (2004).  
Halbgraphite = graphite (coal), Ramdohr 424 (1975).  
Halbkugelerz = cinnabar ± idrialite ± clay, Hintze I.1, 672 (1900).  
Halblasurblei = caledonite, Dana 7th II, 630 (1951).  
Halb-Opal = opal-CT, Dana 6th, 195 (1892).  
Halbvitriolblei = lanarkite, Dana 6th, 923 (1892).  
Halbzeolith = prehnite, Egleston 147 (1892).  
Hal-Chalzit = atacamite, Dana 7th II, 69 (1951).  
Halda = clay + halite + anhydrite + dolomite ?, Hintze I.2, 2195 (1911).  
håleniusite-(Ce) = CeOF, CM 47, 1335 (2009).  
Håleniusit-(La) = håleniusite-(La), Weiss 106 (2008); MR 39, 133 (2008).  
halfbreed = copper + silver, Pearl 159 (1964).  
half carnelian = yellow gem quartz-mogánite mixed-layer, Thrush 522 (1968).  
half opal = opal-CT, Schumann 152 (1997).  
halite-β = halite, Dana 7th II, 4 (1951).  
halites = halite, Egleston 147 (1892).  
Halitkainit = halite + kainite, MM 17, 351 (1916).  
Halitosylvin = halite + sylvite, Hintze I.2, 2497 (1913).  
halitoszilvin = halite + sylvite, László 97 (1995).  
Halit-Sylvin = halite + sylvite, Hintze I.2, 2156 (1911).  
Halkafanit = chalcophanite, Hey 104 (1963).  
Halkofanit = chalcophanite, MM 30, 734 (1955).  
hällleflinta = massive quartz + hematite, Dana 7th III, 247 (1962).  
Hallein = halite, Van Der Meersche et al. 12 (2010).  
hallérite = Na-Li-rich muscovite, MM 15, 421 (1910).  
Halle stone = aluminite, Clark 14 (1993).  
Hallische Tonerde = aluminite, Chudoba RII, 131 (1971); [I.3,4432].  
hallite (Delamétherie) = aluminite, Dana 6th, 970 (1892).  
hallite (Leeds) = vermiculite, MM 30, 281 (1953).  
hallite (Lévy) = Fe-rich magnesite, Clark 281 (1993).  
halloisite = halloysite-10Å, Zirlin 64 (1981).  
hallololyit = halloysite-10Å, Kipfer 176 (1974).  
hallotrichite = halotrichite, MM 38, 902 (1972).  
halloyite = halloysite-10Å, Egleston 147 (1892).  
halloylite = halloysite-10Å, Chester 112 (1896).  
halloyrite = halloysite-10Å, Hey 88 (1963).  
halloysite (Berthier) = halloysite-10Å, Dana 6th, 688 (1892); AM 65, 4 (1980).  
halloysite (Hendricks) = halloysite-7Å, AM 23, 295 (1938); 65, 4 (1980).

halloysite-7Å = kaolinite-1Hd, PD 4, 19 (1989).  
halloysite déshydratée = halloysite-7Å, Caillère & Hénin 313 (1963).  
halloysite-garnierite = Fe-Ni-Mg-Ca-Al-Si-O, Clark 281 (1993).  
halloysite hydratée = halloysite-10Å, Caillère & Hénin 313 (1963).  
halloysite-nickelifère = Ni-rich halloysite-10Å, Aballain *et al.* 146 (1968).  
halloysite of St. Jean-de-Cole = nontronite, MM 1, 86 (1877).  
Halloysit-Turley = halloysite-10Å, Chudoba EII, 142 (1954).  
halloyte = halloysite-10Å, Chester 113 (1896).  
Hallstad = halite, Van Der Meersche *et al.* 12 (2010).  
Halobolit = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), Linck I.3, 3641 (1929).  
halochalcite = atacamite, Clark 281 (1993).  
Halochalzit = atacamite, Dana 6th, 172 (1892).  
Haloedrites syntheticus = alstonite, Doelter I, 504 (1912).  
halogéniromorfit subgroup = apatite Pb<sub>5</sub>(TO<sub>4</sub>)<sub>3</sub>X, László 97 (1995).  
Halogenpyromorphit subgroup = apatite Pb<sub>5</sub>(TO<sub>4</sub>)<sub>3</sub>X, MM 33, 1136 (1964).  
halokalkit = atacamite, László 97 (1995).  
halosachne plinii = halite, Hintze I.2, 2149 (1911).  
halotri-alunogen = halotrichite + alunogen, MM 24, 611 (1937).  
Halotrichet = alunogen, Egleston 148 (1892).  
halotrichine = halotrichite, Dana 6th, 954 (1892).  
Halotrichit (Hausmann) = alunogen, Dana 6th, 958 (1892).  
halotrichum = epsomite, Dana 6th, 938 (1892).  
Halotrikitt = halotrichite, Zirlin 63 (1981).  
halotriquita = halotrichite, Zirlin 63 (1981).  
H-alunite = hypothetical HAL<sub>3</sub>(SO<sub>4</sub>)<sub>2</sub>(OH)<sub>6</sub>, EJM 15, 922 (2003).  
halurgite (Gehör *et al.*) = Mn-Mg-rich ferrosilite, AM 81, 1513 (1996).  
Hämafibrít = synadelphite, Dana 6th, 836 (1892).  
hamafibrít = synadelphite, Aballain *et al.* 146 (1968).  
Hamartit = bastnäsite-(Ce), Dana 6th, 291 (1892).  
Hämatit = hematite, MM 38, 104 (1971).  
hamatit = hematite, Aballain *et al.* 146 (1968).  
Hematite = synthetic gem garnet Y<sub>3</sub>Al<sub>2</sub>[AlO<sub>4</sub>]<sub>3</sub>, Bukanov 364 (2006).  
Hämatites niger = magnetite, Chudoba RI, 28 (1939).  
Hämatites ruber = red hematite, Egleston 151 (1892).  
Hämatitetes niger = magnetite, Linck I.3, 3615 (1929).  
Hämatitogelit = colloidal hematite ± goethite, MM 17, 351 (1916).  
hamatitogelite = colloidal hematite ± goethite, Aballain *et al.* 146 (1968).  
Hämatogelit = colloidal hematite ± goethite, MM 16, 361 (1913).  
hamatogelit = colloidal hematite ± goethite, Aballain *et al.* 146 (1968).  
Hämatokonit = calcite + hematite (marble), Chester 112 (1896).  
hamatokonit = calcite + hematite (marble), Aballain *et al.* 147 (1968).  
Hämatolith = hematolite, Dana 6th, 802 (1892).  
hamatolith = hematolite, Aballain *et al.* 147 (1968).  
Hämatophanit (original spelling) = hematophanite, MM 22, 621 (1931).  
hamatophanit = hematophanite, Aballain *et al.* 147 (1968).  
hämatostibiite = katoptrite, Dana 6th, 803 (1892).  
hamatostibiite = katoptrite, Aballain *et al.* 147 (1968).  
hamatostibit = katoptrite, Kipfer 176 (1974).  
hamburgite = hambergite, AM Index 41-50, 13 (1968).  
hamburgitürkiz = imitation turquoise, László 279 (1995).

Hamburg turquoise = imitation turquoise (bayerite + Cu-PO<sub>4</sub>), Bukanov 161 (2006).  
hamelite = Mg-Fe-Al-Si-O-H, MM 11, 327 (1897).  
hamesite = jamesite, MA Index 53, 698 (2002).  
hamisametiszt = dark-violet gem fluorite, László 11 (1995).  
hamishiacint = brown Fe-rich grossular or spessartine or red quartz, László 102 (1995).  
hamisjade = sillimanite, László 116 (1995).  
hamiskrizolit = glass (tektite), László 147 (1995).  
hamislápisz = synthetic blue banded quartz-mogánite mixed-layer, László 156 (1995).  
hamislazulit = colored quartz, László 157 (1995).  
hamissmaragd = fluorite, László 247 (1995).  
hamisrubin = fluorite, László 237 (1995).  
hamistopáz = yellow fluorite or heated yellow gem Fe-rich quartz, László 274 (1995).  
hamiszafír = blue gem fluorite or cordierite, László 300 (1995).  
hamlinite = goyazite, MM 14, 389 (1907).  
Hammartit = hammarite, Doelter IV.1, 928 (1926).  
hammerite = hummerite, MA 54, 1396 (2003).  
hammochryos = muscovite, Dana 6th, 613 (1892).  
Hammoniacus Sal = salammoniac, Ciriotti *et al.* 246 (2009).  
hämostibiite = katoptrite, Strunz & Nickel 781 (2001).  
Hamotom = harmotome, LAP 35(10), 70 (2010).  
hampdenite = antigorite, MM 15, 422 (1910).  
Hampshirin = serpentine pseudomorph after olivine, Chester 113 (1896).  
Hampshirit = serpentine pseudomorph after olivine, MM 15, 422 (1910).  
hamrabajevit = khamrabaevite, László 98 (1995).  
hancockite = epidote-(Pb), EJM 18, 551 (2006).  
handsome hyacinth = red-brown zircon, Bukanov 98 (2006).  
hanfefjortite = Ca-rich albite, de Fourestier 142 (1999).  
Hanfsalz = halite, Hintze I.2, 2194 (1911).  
Hangeis = ice, Hintze I.2, 1221 (1904).  
hanléite = uvarovite, MM 33, 508 (1963); AM 50, 1141 (1965).  
Hanover = illite + kaolinite + quartz ?, Robertson 19 (1954).  
Hans in allen Gassen = pyrite, Doelter IV.1, 527 (1925).  
Hanthokon = xanthoconite, Doelter IV.1, 1000 (1926).  
Hanuschit = aliettite + pectolite, Chudoba EII, 142 (1954).  
Hanušit = aliettite + pectolite, AM 44, 367 (1959).  
han yu = white tremolite, Bukanov 256 (2006).  
Hapaalait = haapalaite, Kipfer 29 (1974).  
Hapatinerz = cuprite, Clark 165 (1993).  
haplome = Mn-Al-rich andradite, Dana 6th, 443 (1892).  
haplotipit = ilmenite, László 98 (1995).  
haplotyper Allogonit = herderite, Chudoba RI, 4 (1939); [I.4,684].  
haplotypes Eisen-Erz = ilmenite, Clark 282 (1993).  
haplotypite = ilmenite, Dana 6th, 217 (1892).  
haraelahit = kharaelakhite, László 98 (1995).  
Haraelakhit = kharaelakhite, LAP 11(12), 32 (1986).  
harbolit(e) = bitumen, MM 28, 730 (1949).  
harborita = wardite, Atencio 58 (2000).  
Harbortit = wardite, Atencio 58 (2000).  
hard calcareous spar = aragonite, Egleston 25 (1892).  
hard coal = anthracite (coal), Dana 6th, 1022 (1892).

hard cobalt pyrites = skutterudite, de Fourestier 142 (1999).  
hardenite = C-rich iron, Clark 283 (1993).  
hard fahlunite = cordierite, Chester 114 (1896).  
hardistonita = hardystonite, Zirlin 65 (1981).  
hard lithomarge = kaolinite + quartz + mica + goethite, Egleston 341 (1892).  
hard peach = schorl + chlorite, GT 16, 77 (2000).  
hard pimelite = népouite or pecoraite, MM 1, 88 (1877).  
hard quartz = twisted habit quartz, MR 38, 104 (2007).  
hard rubber = S-rich plastic, O'Donoghue 553 (2006).  
hard spar = andalusite or corundum, Chester 114 (1896).  
hard white ore = gibbsite ± böhmite ± diaspore (rock), Thrush 528 (1968).  
harina fósil = opal-CT, Novitzky 128 (1951).  
haringtonite = cinnabar + sulphur- $\alpha$  ?, AM 32, 255 (1947).  
Harkies = acicular millerite, Doelter IV.3, 1130 (1931).  
harkise = acicular millerite, Dana 6th, 70 (1892).  
Harlekinopal = gem opal-A, Kipfer 95 (1974).  
harlequin opal = gem opal-A, Dana 7th III, 296 (1962).  
harlequin stone = quartz + fibrous riebeckite, AM 12, 390 (1927).  
harmartite = bastnäsite-(Ce), Chester 114 (1896).  
Harmatit = bastnäsite-(Ce), LAP 16(1), 8 (1991).  
harmofán = corundum, László 98 (1995).  
harmofanita = feldspar, de Fourestier 143 (1999).  
Harmonikaspát = calcite, Kipfer 95 (1974).  
harmophane = corundum, Chester 114 (1896).  
harmophaner Kuphonspát = scolecite, Haditsch & Maus 76 (1974).  
harmotoma de Marburgo = gismondine, de Fourestier 143 (1999).  
harmotome = phillipsite-Ba, CM 35, 1584 (1997).  
harmotome à base de chaux = phillipsite-Ca, Egleston 251 (1892).  
harmotome barytique = harmotome, Egleston 148 (1892).  
harmotome calcaire = phillipsite-Ca, Egleston 251 (1892).  
harmotome de Marbourg = phillipsite-Ca, Egleston 251 (1892).  
harmotome-(Na) = phillipsite-Na, PDF 12-687.  
harmotomite = harmotome, AM 8, 51 (1923).  
harmotoom = harmotome, Council for Geoscience 759 (1996).  
Harnisch = galena, Kipfer 95 (1974).  
Harnsäure = uricite, Weiss 103 (1994).  
Harnstoff = urea, Weiss 103 (1994).  
harringtonite = thomsonite-Ca + mesolite, MM 23, 113 (1932).  
harrisite = chalcocite pseudomorph after galena, Dana 6th, 69 (1892).  
Harrtite = Ca-rich svanbergite, Strunz & Nickel 782 (2001).  
Hartbraunkohle = lignite (low-grade coal), Kipfer 95 (1974).  
Hartbraunstein = braunite, Dana 6th, 232 (1892).  
harten Fahlunit = cordierite, Chester 114 (1896).  
Hartharz = hartite, Chudoba RI, 28 (1939); [I.4,1422].  
Hartin = hartite, Dana 6th, 1009 (1892).  
hartite (species) = C<sub>20</sub>H<sub>34</sub>, Nickel & Nichols 83 (1991); AM 83, 1340 (1998).  
Hartkobalterz = skutterudite, Dana 6th, 93 (1892).  
Hartkobaltkies = skutterudite, Dana 6th, 93 (1892).  
Hartleyit = C-rich shale (rock), Clark 284 (1993).  
Hartmangan = romanèchite, Egleston 272 (1892).  
Hartmanganerz = romanèchite, Dana 6th, 257 (1892).  
hartmannite = ullmannite, Clark 284 (1993).

Hartsalz = sylvite + halite + kieserite, Hintze I.2, 2155 (1911).  
Hartsalzkainit = halite + kainite, Hey 447 (1962).  
Hartsalzkainitit = halite + kainite, MM 17, 351 (1916).  
Hartspat = andalusite, Dana 6th, 496 (1892).  
Hartspath = andalusite, Hey 447 (1962).  
Hartstein = goethite ± ferrihydrite, Hintze I.2, 2011 (1910).  
Hartstein splittriger = lazulite, Egleston 184 (1892).  
Harttantalierz = tantalite, Dana 6th, 731 (1892).  
Harttit = Ca-rich svanbergite, AM 36, 927 (1951).  
Harz cat's eye = asteriated quartz, Thrush 529 (1968).  
harzialite or harzéolite subfamily = acicular natrolite + mesolite + scolecite + thomsonite + mordenite, Chester 115 (1896).  
harzian cat's eye = asteriated quartz, Bukanov 123 (2006).  
harziger Opal = opal-A, Kipfer 191 (1974).  
harzige Stein-Kohle = anthracite (coal), Egleston 217 (1892).  
harzimakaszem = chatoyant quartz, László 165 (1995).  
harzlose Stein-Kohle = anthracite (coal), Egleston 217 (1892).  
haselgebirge = halite + others (rock), Hintze I.2, 2155 (1911).  
Hasingtonit = cinnabar + sulphur- $\alpha$  ?, MM 32, 959 (1961).  
Hassi Jekna = Ni-rich iron (meteorite), Clark 320 (1993).  
hastingsite-alkaline = Na-K-rich hastingsite or magnesiohastingsite, Aballain *et al.* 148 (1968).  
hastingsitic hornblende = hastingsite, MM 61, 309 (1997).  
hastite (discredited) = ferroselite, CM 47, 969 (2009).  
hatchelline = hydrocarbon C<sub>38</sub>H<sub>78</sub> ?, Rutley 236 (1900).  
hatchetine = hydrocarbon C<sub>38</sub>H<sub>78</sub> ?, Dana 6th, 997 (1892).  
hatchetitine = hydrocarbon C<sub>38</sub>H<sub>78</sub> ?, Aballain *et al.* 148 (1968).  
Hatchetolith = oxycalciopyrochlore, de Fourestier 30 (1994).  
hatchet stone = actinolite, Thrush 530 (1968).  
hatchéttine or hatchéttite = hydrocarbon C<sub>38</sub>H<sub>78</sub> ?, Dana 6th; 1116, 997 (1892).  
hatchettolite = oxycalciopyrochlore, AM 46, 1519 (1961); 62, 406 (1977).  
hatirkit = khatyrkite, László 98 (1995).  
Hattchetit = hydrocarbon C<sub>38</sub>H<sub>78</sub> ?, Kipfer 95 (1974).  
Haughit = hydrotalcite pseudomorph after spinel, Doelter III.2, 1217 (1926).  
haughtonite = Fe-rich phlogopite, Dana 6th, 629 (1892).  
Hauptanhydrit = grey anhydrite, Linck I.3, 3767 (1929).  
Haughtonit = Fe-rich phlogopite, Tschermak 596 (1894).  
Hauptsalz = halite, Hintze I.2; 2156, 2180 (1911).  
hausmania = hausmannite, Domeyko II, 114 (1897).  
hausmannite de cadmium = synthetic spinel CdMn<sub>2</sub>O<sub>4</sub>, Clark 285 (1993).  
hausmannite de magnésium = synthetic spinel MgMn<sub>2</sub>O<sub>4</sub>, Clark 285 (1993).  
hausmannite de zinc = hetaerolite, Clark 285 (1993).  
hautefeuillite = Ca-rich bobierrite ± apatite, AM 22, 337 (1937).  
hauteville = compact calcite (marble), de Fourestier 143 (1999).  
hauyanite = haüyne, AM 45, 1000 (1960).  
hauyna = haüyne, Zirlin 63 (1981).  
hauyne = haüyne, Winchell & Winchell 541 (1951); MR 39, 133 (2008).  
haüynite = haüyne, MM 20, 445 (1925).  
hauynite = haüyne, AM 9, 62 (1924).  
Haüyn-Lasurstein = haüyne, Hintze II, 913 (1892).  
Haüyn-Lazurstein = haüyne, Hey 448 (1962).  
hauyn-lazurstein = haüyne, Aballain *et al.* 148 (1968).

hauyno = hauyne, Zirlin 65 (1981).  
Havnefjordit = Na-rich anorthite, Clark 285 (1993).  
Hawaiian diamond = transparent quartz, Webster & Anderson 955 (1983).  
Hawaiian chrysolite = olivine, Bukanov 103 (2006).  
Hawaiian golden yellow topaz = Na-rich anorthite, Thrush 531 (1968).  
hawaiian peridot = pale-green gem Fe-rich forsterite, Thrush 531 (1968).  
hawaiigyémánt = transparent quartz, László 95 (1995).  
hawaiiite = pale-green gem Fe-rich forsterite, MM 15, 422 (1910).  
hawaiitopáz = Na-rich anorthite, László 274 (1995).  
Hawaii = pale-green gem Fe-rich forsterite, Chudoba EII, 464 (1955); [EI,213].  
hawk-eye = chatoyant quartz pseudomorph after riebeckite, Dana 7th III, 236 (1962).  
hawk's-eye = chatoyant quartz pseudomorph after riebeckite, MM 16, 369 (1913).  
Hawkstor = kaolinite, Robertson 19 (1954).  
hawleyite-2H = greenockite, Godovikov 64 (1997).  
haydenite = Ba-rich chabazite-Ca, Dana 6th, 589 (1892).  
Haydite = lightweight expanded clay, Robertson 19 (1954).  
hayerine = ulexite, Hey 88 (1963).  
hayesénite = ulexite, Egleston 150 (1892).  
hayesérite = ulexite, Hey 448 (1962).  
hayesine (Alger) = ulexite, Dana 7th II, 345 (1951).  
hayesine (Bechi) = larderellite ± ammonioborite ± sassolite ± gypsum, Dana 7th II, 365 (1951).  
Hayesinit = ulexite, Linck I.4, 159 (1921).  
hayesite = ulexite, Dana 7th II, 345 (1951).  
haysenite = ulexite, Chester 116 (1896).  
haytorite = quartz pseudomorph after datolite, Chester 116 (1896).  
H-beidellite = H-saturated beidellite, MM 35, 1075 (1966).  
H-bentonite = H-saturated montmorillonite, CCM 27, 429 (1979).  
H-birnessite = H-exchanged birnessite, AM 85, 827 (2000).  
H-clinoptilolite = H-exchanged clinoptilolite, ClayM 46, 195 (2011).  
H-combeite = combeite, EJM 21, 1071 (2009).  
H-dickite = H-saturated dickite, CCM 26, 365 (1978).  
headdenite = arrojadite-(KFe), AM 91, 1261 (2006).  
health stone = pyrite, Bukanov 170 (2006).  
Heart of Eternity = large diamond, GG 39, 138 (2003).  
hearzeolite subfamily = acicular natrolite + mesolite + scolecite + thomsonite + mordenite, Kipfer 176 (1974).  
heaven stone = benitoite, Thrush 536 (1968).  
heavy sand = quartz + rutile + ilmenite + zircon + monazite-(Ce), Pearl 161 (1964).  
heavy spar = baryte, Dana 6th, 899 (1892).  
heavy stone = scheelite, Bukanov 214 (2006).  
heavy stone of Bastnäs = cerite-(Ce), MR 35, 195 (2004).  
hébéline = willemite, de Fourestier 143 (1999).  
hebergite = liebigite, MM 37, 958 (1970).  
Hebetin = willemite, Dana 6th, 460 (1892).  
hebräisch anak = tin, Hintze I.1, 340 (1899).  
Hebronit = amblygonite, Dana 6th, 781 (1892).  
hecalite = orthoclase or Ca-rich albite or gypsum, Clark 512 (1993).  
hecatholite = Ca-rich albite, Bukanov 281 (2006).

hecatolite = orthoclase or Ca-rich albite or gypsum, Dana 6th, 318 (1892).  
hechite = unknown, IMA 1985-003.  
hectorite (Cox) = Fe-rich enstatite, Dana 6th, 364 (1892).  
hectorite (Strese & Hofmann) (questionable) = Li-rich saponite, EG 53, 22 (1958).  
hedanbergite = hedenbergite, AM 50, 696 (1965).  
hedangergite = hedenbergite, AM Index 41-50, 411 (1968).  
heddlite = synthetic  $K-C_2O_4$ , Clark 287 (1993).  
hedegaardite (IMA 1990-035) =  $Zn_7(SO_4,CO_3)_2(OH)_{10}\cdot 3H_2O$ , MM 56, 215 (1992).  
hedembergita = hedenbergite, Zirlin 63 (1981).  
Hedenbergit-ägirin = Na-rich augite, Dana 6th II, 86 (1909).  
Hedenbergit-Ågirin = Na-rich augite, Hey 448 (1962).  
hedenbergite aegyriunique = Na-rich augite, AM 6, 105 (1921).  
hedenbergite-hypersthene = pigeonite, MM 19, 63 (1920).  
Hedenberithypersthen = pigeonite, Clark 287 (1993).  
hedenburgite = hedenbergite, AM Index 41-50, 141 (1968).  
hedgehogs = calcite pseudomorph after ikaite, Bukanov 266 (2006).  
hedgehog stone = quartz + acicular goethite, AM 12, 388 (1927).  
hedifana = hedyphane, Novitzky 154 (1951).  
hediphane = hedyphane, Egleston 150 (1982).  
hedroicite = colloidal natrolite ?, MM 27, 270 (1946).  
hedyphanite = hedyphane, Chester 117 (1896).  
heganite = natrolite, Chester 117 (1896).  
Hegaut = natrolite, CM 35, 1593 (1997).  
hegyiarany = gold, László 99 (1995).  
hegyibőr = palygorskite, László 99 (1995).  
hegyifa = fibrous amphibole or chrysotile, László 99 (1995).  
hegyijade = obsidian (lava), László 116 (1995).  
hegyikristály = transparent quartz, TMH II, 13 (1994).  
hegyiliszt = calcite or opal, László 99 (1995).  
hegyiparafa = fibrous amphibole or chrysotile, László 99 (1995).  
hegyirubin = spinel or red pyrope or almandine, László 237 (1995).  
hegyitej = fine-grained calcite, László 99 (1995).  
hegyphane = hedyphane, Thrush 537 (1968).  
Heidengebirge = halite + clay, Hintze I.2, 2203 (1911).  
Heidetorf = lignite (low-grade coal), Doelter IV.3, 512 (1930).  
heikkolite = glaucophane or ferroglaucophane or magnesioriebeckite or riebeckite, AM 63, 1050 (1978); MM 61, 309 (1997).  
heikolite = glaucophane or ferroglaucophane or magnesioriebeckite or riebeckite, AM 63, 1050 (1978); MM 61, 309 (1997).  
Heilerde = halloysite-10Å + goethite or halloysite-7Å + alunite, Kipfer 95 (1974).  
heiligenbluter Krystall = diopside, Kipfer 95 (1974).  
heiliger Stein = meteorite, Kipfer 95 (1974).  
Heilstein = green gem beryl, Kipfer 95 (1974).  
heintzeite = kaliborite, Dana 6th I, 33 (1899).  
Heintzit = kaliborite, Dana 6th, 885 (1892).  
heinzéite = kaliborite, Lacroix 114 (1931).  
heiratite = synthetic  $K_2[(Al_2Si_4)O_{12}]\cdot 8H_2O$ , Clark 561 (1993).  
heitorite = blue gem Cu-rich elbaite, AM 76, 1479 (1991).  
hejtmanite I = hejtmanite-4M, Strunz & Nickel 580 (2001).  
hejtmanite II = hejtmanite-1M, Strunz & Nickel 580 (2001).

Hekatlith = orthoclase or Ca-rich albite or gypsum, Strunz & Nickel 783 (2001).  
Hekatlolith = orthoclase or Ca-rich albite or gypsum, Hintze II, 1357 (1895).  
heksagoniet = pale-violet Mn-rich tremolite, Council for Geoscience 760 (1996).  
heksahidriet = hexahydrite, Council for Geoscience 760 (1996).  
heksahidroboriet = hexahydroborite, Council for Geoscience 760 (1996).  
heksastanniet = stannoidite, Council for Geoscience 760 (1996).  
heksatestibiopanikkeliet = hexatestibiopanickelite, Council for Geoscience 760 (1996).  
Hektorit = hectorite, CCM 32, 107 (1984).  
heldbergite = zircon, de Fourestier 30 (1994).  
Heldburgit = zircon, Strunz 533 (1970).  
helenite (Brown & Snow) = green glass, AG 17, 88 (1989).  
Helenit (Nawratil) = hydrocarbon, Chester 117 (1896).  
Heleroclin = rhodonite, Chester 117 (1896).  
Heliades tears = amber, Bukanov 350 (2006).  
helictite = calcite or aragonite, MM 26, 337 (1943).  
helidore = dark-yellow gem beryl, Schumann 68 (1997).  
heliktit = calcite or aragonite, László 100 (1995).  
heliocite = Ca-rich albite ± hematite ± mica, Read 110 (1988).  
heliodor = dark-yellow gem  $\text{Fe}^{3+}>\text{Fe}^{2+}$ -rich beryl, Macintosh 35 (1988).  
heliodor = dark-yellow gem  $\text{Fe}^{3+}>\text{Fe}^{2+}$ -rich beryl, AM 8, 134 (1923).  
heliofilita = ecdemite, Novitzky 154 (1951).  
heliophiliet = ecdemite, Council for Geoscience 760 (1996).  
heliolite = Ca-rich albite ± hematite ± mica, Dana 6th, 332 (1892).  
Heliophyllit (questionable) = ecdemite, Chester 117 (1896); PDF 20-471.  
heliotroop = green + yellow gem quartz-mogánite mixed-layer ± red hematite ± hornblende, Council for Geoscience 760 (1996).  
heliotrope = green + yellow gem quartz-mogánite mixed-layer ± red hematite ± hornblende, Dana 7th III, 219 (1962).  
heliotropium = green + yellow gem quartz-mogánite mixed-layer ± red hematite ± hornblende, Hintze I.2, 1470 (1906).  
hellandite = hellandite-(Y), AM 72, 1042 (1987); 87, 752 (2002).  
hellandite-(REE) = hellandite, AM 87, 739 (2002).  
hellandite-(Yb) =  $\text{Ca}_4\text{Yb}_2\text{Ti}[(\text{B}_4\text{Si}_4)\text{O}_{22}](\text{OH})_2$ , AM 84, 920 (1999); 87, 751 (2002).  
Hellandit-(Gd) =  $\text{Ca}_4\text{Gd}_2\text{Ti}[(\text{B}_4\text{Si}_4)\text{O}_{22}](\text{OH})_2$ , AM 84, 920 (1999).  
Hellandit-(SE) = hellandite, LAP 24(11), 3 (1999).  
helleflinta = massive quartz + hematite, Chester 117 (1896).  
heller Gimmer = muscovite, Kipfer 95 (1974).  
Hellestade's zeolite = apophyllite, Bukanov 222 (2006).  
Hellglimmer = muscovite, Kipfer 95 (1974).  
hellgrüner Vitriol = melanterite, Chudoba RI, 68 (1939); [I.3,4361].  
hell Rotgültig = pyrargyrite, Ramdohr 1275 (1975).  
Helminth =  $\text{Fe}^{2+}$ -rich clinocllore, Dana 6th, 1117 (1892).  
helminthe =  $\text{Fe}^{2+}$ -rich clinocllore, Dana 6th, 653 (1892).  
helmintholite = calcite, MM 1, 86 (1877).  
Helsinkite = epidote, Bukanov 202 (2006).  
Helvetan = hydrobiotite ?, CM 36, 911 (1998).  
helvite = helvine, Haüy II, 333 (1822).  
hemachate = white + red banded quartz-mogánite mixed-layer, AM 12, 395 (1927).

hemafibrite = synadelphite, AM 53, 1779 (1968).  
hemartite = bastnäsité-(Ce), Clark 62 (1993).  
Hematine = hematite ± maghemite, Webster & Anderson 955 (1983).  
hematinon = opaque red glass, O'Donoghue 829 (2006).  
hematita parda = goethite, Domeyko II, 143 (1897).  
hematita rojo = red fine-grained hematite, Dana 7th I, 527 (1944).  
hématite brune = goethite, Egleston 191 (1892).  
hematite garnet = Fe-rich garnet, Read 110 (1988).  
hématite noire = romanèchite, Egleston 272 (1892).  
hématite rouge = red fine-grained hematite, Dana 6th, 213 (1892).  
hematites nigrescens = goethite, de Fourestier 144 (1999).  
hematites o hematita parda = goethite, Novitzky 42 (1951).  
hematites ruber = red hematite, Egleston 152 (1892).  
hematitic quartz = quartz + hematite, Egleston 280 (1892).  
hematitogelite = colloidal hematite ± goethite, English 98 (1939).  
hematoconite = calcite + hematite (marble), MM 35, 1135 (1966).  
hematoestibiíta = katoptrite, Novitzky 155 (1951).  
hematoestibita = katoptrite, de Fourestier 144 (1999).  
hematofaniet = hematophanite, Council for Geoscience 760 (1996).  
hematogelite = colloidal hematite ± goethite, MM 17, 351 (1916); 18, 380 (1919).  
hematokonit = calcite + hematite (marble), László 100 (1995).  
hematostibiíte = katoptrite, AM 51, 1494 (1966).  
hematostibite = katoptrite, Dana 7th II, 1027 (1951).  
Hemdenquarz = quartz + inclusion, Hintze I.2, 1351 (1905).  
hemetine = maghemite + galena ?, O'Donoghue 428, 547 (2006).  
Hemichalcit = emplectite, Dana 6th, 113 (1892).  
Hemichalzit = emplectite, Hintze I.1, 997 (1902).  
Hemidom-Blende = miargyrite, Clark 289 (1993).  
hemiedrite = hemihedrite, Chudoba EIV, 298 (1975).  
hemiexpandite family = smectite, MM 39, 912 (1974).  
hemihydrate (<45°C) = bassanite, MM 30, 744 (1955).  
hemi-jade = actinolite + others (rock), O'Donoghue 333 (2006).  
hemikalkit = emplectite, László 100 (1995).  
Hemimdon-Blende = miargyrite, de Fourestier 144 (1999).  
hemimorfita = hemimorphite, Zirlin 63 (1981).  
Hemino = synthetic gem garnet  $Y_3Al_2[AlO_4]_3$ , Bukanov 364 (2006).  
Hemiopal = opal-CT, MM 11, 328 (1897).  
Hemi(polu)hydrate = bassanite, MM 30, 744 (1955).  
hemiprismatic augite spar = pargasite or hornblende, Egleston 14 (1892).  
hemiprismatic Bleibaryt = crocoite, Egleston 50 (1892).  
hemiprismatic brythyne salt = glauberite, Egleston 138 (1892).  
hemi prismatic chrysolite = chondrodite, Egleston 82 (1892).  
hemi prismatic copper mica = chalcophyllite, Egleston 76 (1892).  
hemi-prismatic dystome-malachite = pseudomalachite, Egleston 271 (1892).  
hemi-prismatic euclas haloid = pharmacolite, Egleston 251 (1892).  
hemi-prismatic fluor haloid = wagnerite, Egleston 364 (1892).  
hemi-prismatic gypsum-haloid = pharmacolite, Egleston 251 (1892).  
hemi-prismatic habroneme-malachite = malachite, Egleston 199 (1892).  
hemi prismatic hal-baryte = barytocalcite or ulexite, Egleston 41, 354 (1892).  
hemi-prismatic kouphone-spar = heulandite or stilbite, Egleston 152 (1892).  
hemi prismatic lead baryte = crocoite, Egleston 96 (1892).

hemi-prismatic malachite = pseudomalachite, Egleston 271 (1892).  
hemi-prismatic natron-salt = natron or trona, Egleston 227, 352 (1892).  
hemi-prismatic olive-malachite = vauquelinite, Egleston 359 (1892).  
hemi-prismatic ruby-blende = miargyrite, Egleston 212 (1892).  
hemi-prismatic schiller spar = enstatite, Egleston 115 (1892).  
hemi-prismatic sulphur = realgar, Egleston 287 (1892).  
hemi prismatic titanium = titanite, Egleston 347 (1892).  
hemi-prismatic titanium-ore = titanite, Egleston 152 (1892).  
hemiprismatic vitriol salt = melanterite, Egleston 207 (1892).  
hemi-prismatic zeolite = heulandite, Egleston 154 (1892).  
hemiprismatischen Natronsalz = trona, Hintze I.2, 2758 (1916).  
hemiprismatischer Amphibole = pargasite or hornblende, Egleston 14 (1892).  
hemiprismatischer Augitspat = actinolite, Kipfer 67 (1974).  
hemiprismatischer Barytin = barytocalcite, Doelter I, 506 (1912).  
hemiprismatischer Bleibaryt = crocoite, Chudoba RI, 10 (1939); [I.3,4025].  
hemiprismat. Chrysolith = chondrodite, Goldschmidt IX text, 177 (1923).  
hemiprismatischer Distomglanz = wagnerite or plagionite, Haditsch & Maus 77 (1974).  
hemiprismatischer Distommalachit = pseudomalachite, Goldschmidt IX text, 178 (1923).  
hemiprismatischer Dystomglanz = plagionite, Goldschmidt IX text, 178 (1923).  
hemiprismatischer Dystomspat = wagnerite, Goldschmidt IX text, 178 (1923).  
hemiprismatischer Gipshaloid = pharmacolite, Doelter III.1, 643 (1914).  
hemiprismatischer Gypshaloid = pharmacolite, Dana 6th, 827 (1892).  
hemiprismatischer Habronemmalachit = malachite, Goldschmidt IX text, 181 (1923).  
hemiprismatischer Halbaryt = barytocalcite, Goldschmidt IX text, 181 (1923).  
hemiprismat. Kuphon-Haloid = gaylussite, Goldschmidt IX text, 183 (1923).  
hemiprismatischer Kuphonspat = heulandite, Haditsch & Maus 77 (1974).  
hemiprismatischer Lasurmalachit = azurite, Haditsch & Maus 77 (1974).  
hemiprismat. Lasur-Machalit = azurite, Goldschmidt IX text, 183 (1923).  
hemiprismatischer Melanchlormalachit = vauquelinite, Goldschmidt IX text, 185 (1923).  
hemiprismatischer Melanochlormalachit = vauquelinite, Haditsch & Maus 131 (1974).  
hemiprismatischer Olivenmalachit = vauquelinite, Chudoba RI, 47 (1939); [I.3,4259].  
hemiprismatischer Perlglimmer = margarite, Goldschmidt IX text, 186 (1923).  
hemiprismatischer Schillerspat = Fe-rich enstatite, Goldschmidt IX text, 188 (1923).  
hemiprismatischer Schwefel = realgar, Haditsch & Maus 77 (1974).  
hemiprismatischer Talk-Glimmer = trillithionite or polyolithionite, Goldschmidt IX text, 190 (1923).  
hemiprismatische Rubin-Blende = miargyrite, Dana 6th, 116 (1892).  
hemiprismatisches Bleibaryt = crocoite, de Fourestier 145 (1999).  
hemiprismatisches Brythinsalz = glauberite, Linck I.3, 3716 (1929).  
hemiprismatisches Euchlorsalz = johannite, Chudoba RI, 22 (1939); [I.3,4444].

hemiprismatisches Euklashaloid = pharmacolite, Goldschmidt IX text, 179 (1923).  
hemiprismatisches Flusshaloid = wagnerite, Haditsch & Maus 78 (1974).  
hemiprismatisches Gipshaloid = pharmacolite, Chudoba RI, 26 (1930); [I.4,779].  
hemiprismatisches Melanerz = gadolinite-(Y), Goldschmidt IX text, 184 (1923).  
hemiprismatisches Natronsalz (Mohs) = natron, Dana 6th, 301 (1892).  
hemiprismatisches Natronsalz (Mohs) = trona, Hintze I.2, 2758 (1916).  
hemiprismatisches Tantalerz = columbite-(Fe), Dana 7th I, 780 (1944).  
hemiprismatisches Vitriolsalz = melanterite, Goldschmidt IX text, 191 (1923).  
hemiprismatisch Kuphonspat = heulandite, Kipfer 107 (1974).  
hemiprismatites = hornblende, Egleston 105 (1892).  
hemiprismatites wallerianus = pargasite or hornblende, Egleston 14 (1892).  
hemiprismatischer Barytin = barytocalcite, Doelter IV.3, 1130 (1931).  
hemiprismatischer Gipshaloid = pharmacolite, Doelter IV.3, 1130 (1931).  
hemiprismatischer Hal-Baryt = barytocalcite, Doelter IV.3, 1130 (1931).  
hemiprismatischer Rubinblende = miargyrite, Doelter IV.3, 1130 (1931).  
hemipyramidaler Feldspat = edingtonite, Goldschmidt IX text, 180 (1923).  
hemi-pyramidal Felspar = edingtonite, Egleston 111 (1892).  
hemo-ilmenite = ilmenite + Ti-rich hematite, AM 86, 1447 (2001).  
hemuszit = hemusite, László 100 (1995).  
hancockite = epidote-(Pb), MR 23, 266 (1992).  
Hancock Red = large diamond, GG 39, 138 (2003).  
Henderson phase = perryite, CIYB (1961-1962), 163 (1962).  
hendricksite (Ba,Ti) = Zn-Mn-rich phlogopite, MM 53, 168 (1989).  
Henglein = Ni-Co-rich pyrite, Dana 7th I, 290 (1944).  
hengleinite = Ni-Co-rich pyrite, AM 12, 379 (1927).  
henite = C-rich iron, Strunz & Nickel 783 (2001).  
henkelite = acanthite, Chester 118 (1896).  
henritemiérite = henritermierite, MR 39, 134 (2008).  
henryite (Endlich) = altaite + pyrite, Dana 6th, 52 (1892).  
henwoodite = blue-green Fe-rich turquoise, AM 46, 1520 (1961); 49, 224 (1964).  
hepatic arsenical cobalt = erythrite, Egleston 118 (1892).  
hepatic barytes = baryte + bitumen, Egleston 40 (1892).  
hepatic blende = wurtzite + organometallic zinc, Egleston 363 (1892).  
hepatic cinnabar = cinnabar ± idrialite ± clay, Dana 7th I, 253 (1944).  
hepatic mercurial ore = cinnabar ± idrialite ± clay, Egleston 86 (1892).  
hepatic pyrite = pyrite or marcasite pseudomorph after pyrrhotite, Aballain et al. 150 (1968).  
hepatic pyrites = pyrite or marcasite pseudomorph after pyrrhotite, Clark 290, 574 (1993).  
hepatiese sinnaber = cinnabar ± idrialite ± clay, Council for Geoscience 760 (1996).  
Hepatin = chrysocolla ± cuprite ± goethite, Chester 118 (1896).  
Hepatin-Erz = chrysocolla ± cuprite ± goethite, Clark 290 (1993).  
hepatischer Flussspat = fluorite + bitumen, Haditsch & Maus 61 (1974).  
hepatischer Flussspath = fluorite + bitumen, Hintze I.2, 2420 (1913).  
hepatisch-Zinkerz = sphalerite, Hintze I.1, 558 (1900).  
Hepatit = baryte + bitumen, Chester 119 (1896).  
Hepatites = goethite ± ferrihydrite, Hintze I.2, 1793 (1908).

hepatopirit = pyrite or marcasite pseudomorph after pyrrhotite, László 101 (1995).  
hepatopyrite = pyrite or marcasite pseudomorph after pyrrhotite, Dana 6th, 96 (1892).  
hephaestites = pyrite, de Fourestier 145 (1999).  
heptaphyllite supergroup = dioctahedral mica, AM 10, 53 (1925).  
heptophyllite supergroup = dioctahedral mica, Clark 504 (1993).  
Herachon = magnetite, Haditsch & Maus 78 (1974).  
heraclan stone = magnetite, Kipfer 177 (1974).  
heraclean stone = magnetite, Chester 119 (1896).  
heracleia lithos = magnetite, Bukanov 408 (2006).  
heraclion = magnetite, Dana 6th, 224 (1892).  
heradaite = haradaite, Dana 8th, 1796 (1997).  
heraklean stone = magnetite, Thrush 539 (1968).  
Herapath = alunogen, Doelter IV.2, 361 (1927).  
herapathite = quinine sulfate periodide, Clark 291 (1993).  
herapatite = baryte, de Fourestier 145 (1999).  
herbeckite = quartz + goethite ± hematite, Chester 119 (1896).  
hercine = resin, Egleston 153 (1892).  
Hercinit = hercynite, Dana 6th, 223 (1892).  
Hercules stone = magnetite, Bates & Jackson 304 (1987).  
Hercynitchromit = Cr-rich hercynite, Doelter IV.2, 693 (1927).  
hercynite (Zappe) = harmotome, Chester 119 (1896).  
hercynite-chromite (Niggli) = Al-rich chromite, Clark 291 (1993).  
hercynite-chromite (Simpson) = Cr-rich hercynite, Clark 291 (1993).  
Hercynth = hercynite, de Fourestier 30 (1994).  
Herd plei = galena, Hintze I.1, 466 (1899).  
Hererit = Cu-rich smithsonite, Doelter I, 443 (1912).  
Herkimer Diamant = transparent quartz, Kipfer 81 (1974).  
Herkimer diamond = transparent quartz, Dana 7th III, 193 (1962).  
herkimerigyémánt = transparent quartz, László 95 (1995).  
Hermannit = rhodonite, Dana 6th, 378 (1892).  
hermannolite = columbite, Dana 6th, 738 (1892).  
Hermesit = Hg-rich freibergite, Dana 6th, 137 (1892).  
hermezit = Hg-rich freibergite, László 101 (1995).  
Herregrundit = devilline, AM 26, 293 (1941); 49, 224 (1964).  
herrerite = Cu-rich smithsonite, Dana 6th, 279 (1892).  
Herrogate diamond = transparent quartz, Bukanov 391 (2006).  
herruna = goethite, de Fourestier 145 (1999).  
herschelie = chabazite-Na, CM 35, 1604 (1997).  
hertérine or hertérite = Sb-As-Cu-Ag-Fe-Pb-Ca-Mg-H-Si, Des Cloizeaux II, 339 (1893).  
hertzenite = hercynite, Loewinson-Lessing 44 (1893).  
herveleca = halloysite-10Å ?, Chester 119 (1896).  
heryite = henryite, Dana 8th, 1796 (1997).  
herzolita = serpentine, de Fourestier 145 (1999).  
Herzsalz = halite, Hintze I.2, 2216 & 2221 (1911).  
heshvitcité = illite, MM 25, 630 (1940).  
Hessenbergit = bertrandite, AM 43, 1008 (1958).  
hessian corn ears = chalcocite, Egleston 75 (1892).  
hessionite = Fe-rich grossular, Schumann 13 (1997).  
hessita auro-platosa = Ag-rich hessite, Domeyko II, 408 (1897).  
hessite-high = high-temperature Ag<sub>2</sub>Te, Kostov & Minčeva-Stefanova 206 (1981).

hessite-low = hessite, Kostov & Minčeva-Stefanova 206 (1981).  
hessonite = brown Fe<sup>3+</sup>-rich grossular, MR 24, 65 (1993).  
hesszonit = brown Fe<sup>3+</sup>-rich grossular, László 101 (1995).  
hetærolite (Ford & Bradley) = hydrohetaerolite, Dana 7th I, 715 (1944).  
hétairite = hetaerolite, Dana 6th, 259 (1892).  
Hetärit = hetaerolite, Kipfer 95 (1974).  
Hetärolith = hetaerolite, Hintze I.2, 2095 (1911).  
hetarolith = hetaerolite, Aballain et al. 151 (1968).  
heteposite = heterosite, Dana 7th II, 675 (1951).  
hetepezite = heterosite, Egleston 154 (1892).  
hétérobroschantite = antlerite, AM 24, 300 (1939).  
Heterobroschantit = antlerite, Chudoba EII, 554 (1957); [I.3,4224].  
heterocline = rhodonite, Chester 120 (1896).  
heterofilita = siderophyllite or annite, MM 24, 611 (1937).  
heterofillit = siderophyllite or annite, László 101 (1995).  
heterogenite-cuprifère = Cu-rich heterogenite, Aballain et al. 151 (1968).  
heterogenite-nickelifère = Ni-rich heterogenite-3R, Aballain et al. 151 (1968).  
Heteroklas = braunite, Strunz 533 (1970).  
heteroklász = braunite, László 101 (1995).  
Heteroklin (Breithaupt) = braunite ?, Dana 6th, 232 (1892).  
Heteroklin (Breithaupt) = rhodonite, Doelter II.1, 732 (1914).  
heterolite (Moore) = hetaerolite, AM 8, 15 (1923).  
heterolite (Ford & Bradley) = hydrohetaerolite, László 101 (1995).  
Heteromerit = dark-green vesuvianite, Dana 6th, 477 (1892).  
heteromesite = dark-green vesuvianite, Chester 120 (1896).  
heteromorfita = heteromorphite, Novitzky 155 (1951).  
heteromorph. Kuphonspat = gmelinite, Goldschmidt IX text, 183 (1923).  
heterophyllite = siderophyllite or annite, MM 24, 611 (1937).  
heterophyllosilicates polysomatic series = layered titanium silicates, Ferraris et al. 251 (2004).  
heterosita sodica = alluaudite + purpurite, de Fourestier 145 (1999).  
heterotip superfamily = amphibole + pyroxene, László 101 (1995).  
heterotomer Feldspat = albite, Goldschmidt IX text, 180 (1923).  
heterotomous feldspar = albite, Egleston 5 (1892).  
heterotomous felspar = albite, Egleston 154 (1892).  
Heterotyp superfamily = amphibole + pyroxene, AM 63, 1050 (1978).  
heterozite = heterosite, Dana 6th, 757 (1892).  
hetsenite = götzenite, MM 46, 519 (1982).  
Heubachit = Ni-rich heterogenite-3R, MM 33, 258 (1962); AM 49, 1157 (1964).  
Heubnerit (Breithaupt) = beraunite ± cacoxenite, A. österlöf, pers. comm. (2000).  
H-eudialyte = highly hydrated eudialyte-group mineral, AM 94, 1076 (2009).  
Heugabeln vom Weissen Meer = aragonite pseudomorph after celestine, Hintze I.3, 2799 (1916).  
heulandite-I = partially-dehydrated heulandite, AM 57, 1448 (1972).  
heulandite-A = heulandite, AM 57, 1448 (1972).  
heulandite-B = partially-dehydrated heulandite, AM 45, 351 (1960).  
heulandite baritica = Ca-Ba-rich heulandite-Na, MM 11, 328 (1897).  
heulandite barytica = Ca-Ba-rich heulandite-Na, Hey 451 (1962).  
heulandite-(Ca) = heulandite-Ca, Dana 8th, 1796 (1997).

heulandite-clinoptilolite = Si-poor heulandite-Ca, AM 76, 1872 (1991).  
heulandite-(K) = heulandite-K, Dana 8th, 1669 (1997).  
heulandite-(Na) = heulandite-Na, Dana 8th, 1669 (1997).  
heulandite with excess water = stilbite, MM 37, 522 (1969).  
Hexabolit = Fe<sup>3+</sup>-rich ferrohornblende or magnesiohornblende or  
hastingsite or magnesiohastingsite, AM 63, 1050 (1978).  
hexacelsian = synthetic high-temperature feldspar Ba[Al<sub>2</sub>Si<sub>2</sub>O<sub>8</sub>], MM 30, 734  
(1955).  
hexacelzián = synthetic high-temperature feldspar Ba[Al<sub>2</sub>Si<sub>2</sub>O<sub>8</sub>], László 101  
(1995).  
hexaedral zeolite = analcime, Des Cloizeaux I, 392 (1862).  
hexaëdrische Glanzblende = alabandite, Papp 2 (2004).  
hexaëdrisch Eisenkies = pyrite, Kipfer 83 (1974).  
hexaëdrischer Bleiglanz = galena, Goldschmidt IX text, 176 (1923).  
hexaëdrischer Distomglanz = stannite, Haditsch & Maus 79 (1974).  
hexaëdrischer Dystomglanz = stannite, Goldschmidt IX text, 178 (1923).  
hexaëdrischer Eisenkies = pyrite, Goldschmidt IX text, 179 (1923).  
hexaëdrischer Granat = garnet, Goldschmidt IX text, 180 (1923).  
hexaëdrischer Kobaltkies = cobaltite or skutterudite, Goldschmidt IX  
text, 182 (1923).  
hexaëdrischer Kuphonspat = analcime, Haditsch & Maus 79 (1974).  
hexaëdrischer Lirkonmalachit = pharmacosiderite, Haditsch & Maus 79  
(1974).  
hexaëdrischer Lirokonmalachit = pharmacosiderite, Haditsch & Maus 79  
(1974).  
hexaëdrischer Perlkerat = chlorargyrite, Haditsch & Maus 79 (1974).  
hexaëdrischer Silberglanz = acanthite, Haditsch & Maus 79 (1974).  
hexaëdrisches Eisen-Erz = ilmenite ± magnetite, Dana 6th, 219 (1892).  
hexaëdrisches Eisen-Erz = ilmenite ± magnetite, Dana 7th I, 541 (1944).  
hexaëdrisches Iridium = iridium, Goldschmidt IX text, 182 (1923).  
hexaëdrisches Platin = platinum, de Fourestier 145 (1999).  
hexaëdrisches Silber = silver, Haditsch & Maus 79 (1974).  
hexaëdrisch Kuphonspat = analcime, Kipfer 107 (1974).  
hexaëdrisch Perl-Kerat = chlorargyrite, Goldschmidt IX text, 186 (1923).  
hexaëdrisch Tellur = altaite, Goldschmidt IX text, 190 (1923).  
Hexaedrit = Ni-rich iron (meteorite), Doelter IV.3, 1135 (1931).  
hexferrite (IMA 1995-032a) = hexaferrum, ZRMO 127(5), 41 (1998).  
Hexaferriten = batiferrite, LAP 26(5), 37 (2001).  
hexaferrum-(Ir) = Ir-rich hexaferrum, AM 84, 1686 (1999).  
hexaferrum-(Os) = Os-rich hexaferrum, AM 84, 1686 (1999).  
hexaferrum-(Ru) = Ru-rich hexaferrum, AM 84, 1686 (1999).  
hexafluorosilicate-d'ammonium = bararite, Aballain et al. 152 (1968).  
hexagonala prismor = apatite, Petersen & Johnsen 126 (2005).  
hexagonal arseniate of copper = chalcophyllite, Egleston 76 (1892).  
hexagonal birnessite = H-exchanged birnessite, AM 82, 962 (1997).  
hexagonal calcium metasilicate = synthetic Ca[SiO<sub>3</sub>], Dana 6th, 373  
(1892).  
hexagonal chlorite = Fe-rich clinocllore, Dana 6th, 653 (1892).  
hexagonal diamond = lonsdaleite, AM 52, 321 (1967).  
hexagonal galena = galena, Egleston 132 (1892).  
hexagonal glance blende = alabandite, Egleston 4 (1892).  
Hexagonalglimmer = biotite, Haditsch & Maus 79 (1974).  
hexagonal kalksilicat = synthetic Ca[SiO<sub>3</sub>], Hintze II, 1015 (1892).  
hexagonal kouphone spar = gmelinite, Egleston 154 (1892).

hexagonal mica = biotite, Dana 6th, 627 (1892).  
hexagonal palladium = stibiopalladinite, Egleston 7 (1892).  
hexagonal silver glance = acanthite, Egleston 27 (1892).  
hexagonal taflor = catapleiite, Petersen & Johnsen 126 (2005).  
hexagonal talc = Fe-rich clinocllore, Egleston 293 (1892).  
hexagonal tellurium = altaite, Egleston 7 (1892).  
hexagonite = pale-violet Mn-rich tremolite, AM 63, 1050 (1978).  
hexahaedrita = hexahydrite, de Fourestier 146 (1999).  
hexahedral arseniate = chalcophyllite, Egleston 154 (1892).  
hexahedral cobalt pyrites = cobaltite, Egleston 88 (1892).  
hexahedral copper glance = stannite, Egleston 325 (1892).  
hexahedral corneous silver = chlorargyrite, Egleston 71 (1892).  
hexahedral galena = galena, Egleston 132 (1892).  
hexahedral glance-blende = alabandite, Papp 2 (2004).  
hexahedral gold = gold, Egleston 139 (1892).  
hexahedral iron pyrites = pyrite, Egleston 274 (1892).  
hexahedral kobaltkies = cobaltite, Egleston 154 (1892).  
hexahedral kouphone spar = analcime, Egleston 16 (1892).  
hexahedral lead = lead, Egleston 184 (1892).  
hexahedral lead glance = galena, Egleston 132 (1892).  
hexahedral liroconite = pharmacosiderite, Egleston 251 (1892).  
hexahedral lirocon-malachite = pharmacosiderite, Egleston 251 (1892).  
hexahedral olivenite = pharmacosiderite, Egleston 251 (1892).  
hexahedral pearl kerate = chlorargyrite, Egleston 71 (1892).  
hexahedral platina = platinum, Egleston 261 (1892).  
hexahedral rock salt = halite, Egleston 147 (1892).  
hexahedral silver = silver, Egleston 315 (1892).  
hexahedral silver glance = acanthite, Egleston 27 (1892).  
hexahedral tellurium = altaite, Egleston 7 (1892).  
hexahedrisches Eisenerz = ilmenite ± magnetite, Egleston 167 (1892).  
hexahedr. Lorokon-Malachit = pharmacosiderite, Goldschmidt IX text, 184 (1923).  
hexahedrite (Prior) = Ni-rich iron (meteorite), MM 19, 57 (1920).  
hexahidrita = hexahydrite, Novitzky 156 (1951).  
hexahidroborit = hexahydroborite, László 101 (1995).  
hexaluminate =  $\text{CaAl}_{12}\text{O}_{19}$ , MM 36, 679 (1968).  
Hexamolybdän = hexamolybdenum, LAP 34(5), 48 (2009).  
Hexastannin = stannoidite ?, Weiss 107 (1994).  
hexastannite = stannoidite ?, AM 49, 223 (1964); 54, 1495 (1969).  
hexastibiopalladite = sudburyite, AM 61, 182 (1976).  
hexasztannin = stannoidite ?, László 102 (1995).  
hexasztannit = stannoidite ?, László 310 (1995).  
hexasztibiopalladit = sudburyite, László 102 (1995).  
hexatestibiopanickelite (discredited) =  $\text{Ni}(\text{Te}, \text{Sb})$ , CM 28, 752 (1990).  
hexatesztibiopanikkelit = hexatestibiopanickelite, László 102 (1995).  
hexecontalithos = opal, de Fourestier 146 (1999).  
Hexenröhren = goethite, de Fourestier 146 (1999).  
hex. Molybdänit = molybdenite-2H, Chudoba RII, 84 (1971).  
Hexolkupfersalz = gerhardtite, Doelter III.1, 296 (1913).  
hex.-rhomboedr. Molybdänit = molybdenite-3R, Chudoba RII, 84 (1971).  
Hexstannit = stannoidite, Kipfer 143 (1974).  
hexymuriate of copper = atacamite, Egleston 35 (1892).  
heydenbergite = hedenbergite, Chester 121 (1896).  
heyesenite = ulexite, de Fourestier 146 (1999).

heynite = C-rich iron, Clark 294 (1993).  
heyrovskyite = heyrovskýite, Back & Mandarino 14 (2008); MR 39, 133 (2008).  
Heyrowskit = heyrovskýite, Weiss 104 (1990).  
hey yu = black actinolite, Bukanov 256 (2006).  
Hezite = red massive quartz-mogánite mixed-layer + opal, Bukanov 139 (2006).  
H-feldspar = synthetic H[AlSi<sub>3</sub>O<sub>8</sub>], AM 65, 1003 (1980).  
Hf-zircon = Hf-rich zircon, MA 49, 4163 (1998).  
H-garnet = (OH)-rich grossular or katoite, AM 55, 886 (1970).  
Hg-montmorillonite = Hg-exchanged montmorillonite, CCM 21, 261 (1973).  
HgS-γ = hypercinnabar, Clark 294 (1993).  
Hg-silber = Hg-rich silver, LAP 15(9), 24 (1990).  
Hg-sphalerite = Hg-rich sphalerite, Pekov 227 (1998).  
hiacint = zircon, László 102 (1995).  
hiacintin = vesuvianite, László 102 (1995).  
hiacintoid = brown Fe-rich grossular, László 102 (1995).  
Hialit (Klaproth) = axinite, László 102 (1995).  
Hialit (Werner) = colorless opal-CT, Hintze I.2, 1505 (1906).  
hialoalofán = allophane + opal-CT, László 102 (1995).  
hialofana = Ba-rich orthoclase, Novitzky 161 (1951).  
hialophyllite = Fe<sup>2+</sup>-rich dravite, Bukanov 85 (2006).  
hialosiderita = Fe<sup>2+</sup>-rich forsterite, Novitzky 161 (1951).  
hialosziderit = Fe<sup>2+</sup>-rich forsterite, László 102 (1995).  
hialotekita = hyalotekite, Novitzky 161 (1951).  
hiasint = zircon or corundum or grossular or vesuvianite, Council for Geoscience 761 (1996).  
hibbenite = hopeite + spencerite, Dana 7th II, 737 (1951).  
hibbertite = hydromagnesite ?, Dana 7th II, 271 (1951).  
hibbingsite = hibbingite, Back & Mandarino 28, 46, 177 (2008).  
hibinite = eudialyte + nepheline-syenite (rock), English 100 (1939).  
hibinszkit = khibinskite, László 102 (1995).  
Hibscht = (OH)-rich grossular, BM 107, 605 (1984).  
hickoryte = banded quartz-mogánite mixed-layer, de Fourestier 146 (1999).  
Hidaka jade = Cr-rich diopside + uvarovite + chromite + pectolite, MJJ 11, 308 (1983).  
hiddenite = green gem Cr-rich spodumene, AM 73, 1131 (1988).  
hiddenitie = green gem Cr-rich spodumene, AM 38, 920 (1953).  
hidoszteatit = talc, László 105 (1995).  
hidragilita = gibbsite, Zirlin 67 (1981).  
hidragiruro de plata = mercury + silver, de Fourestier 146 (1999).  
hidralsiet = donbassite, Council for Geoscience 761 (1996).  
hidralszit = donbassite, László 102 (1995).  
hidralzit = donbassite, László 310 (1995).  
hidrargilita = gibbsite, Novitzky 137 (1951).  
hidrargillit (Cleaveland) = gibbsite, László 102 (1995).  
hidrargillit (Delamétherier) = aluminite, László 102 (1995).  
hidrargillit (Davy) = wavellite, László 102 (1995).  
hidrargillit (Hausmann) = turquoise, László 102 (1995).  
hidrargirio = mercury, de Fourestier 146 (1999).  
hidrargirit (Bertrand) = montroydite ?, László 102 (1995).  
hidrargirit (Fröbel) = moschellandsbergite, László 102 (1995).  
hidráhalloysit = halloysite-10Å, László 102 (1995).  
hidrato de hierro = goethite + lepidocrocite, de Fourestier 146 (1999).

hidrato de peróxido de hierro = amakinite, Domeyko II, 141 (1897).  
hidrato de peróxido de manganeso = pyrochroite, Domeyko II, 115 (1897).  
hidrinfillit = brucite, László 102 (1995).  
hidrit = zeolite, László 102 (1995).  
hidroallanit = allanite-(Ce), László 102 (1995).  
hidroamesit (Erdélyi et al.) = Al-rich lizardite, László 102 (1995).  
hidroamesit (Strunz) = hypothetical serpentine  
(Mg<sub>2</sub>Al)[(AlSi)O<sub>5</sub>](OH)<sub>4</sub>·2H<sub>2</sub>O, László 103 (1995).  
hidroamezit = Al-rich lizardite or hypothetical serpentine  
(Mg<sub>2</sub>Al)[(AlSi)O<sub>5</sub>](OH)<sub>4</sub>·2H<sub>2</sub>O, László 310 (1995).  
hidroamfibol = hornblende + chlorite, László 103 (1995).  
hidroandradiet = (OH)-rich andradite, Council for Geoscience 761 (1996).  
hidroantigorit (Erdélyi et al.) = chrysotile + talc + lizardite, TMH VI,  
127 (1999).  
hidroantigorit (Strunz) = hypothetical serpentine Mg<sub>3</sub>[Si<sub>2</sub>O<sub>5</sub>](OH)<sub>4</sub>·2H<sub>2</sub>O,  
László 103 (1995).  
hidroantofillit = taperssuatsiaite, László 103 (1995).  
hidroapatit = hydroxylapatite, László 103 (1995).  
hidroascharit = szaibélyite, László 103 (1995).  
hidroastrofilliet = hydroastrophyllite, Council for Geoscience 761  
(1996).  
hidroasztrofillit = hydroastrophyllite, László 103 (1995).  
hidroauerlit = P-(OH)-rich thorite, László 103 (1995).  
hidrobasaluminiet = hydrobasaluminite, Council for Geoscience 761 (1996).  
hidrobázaluminít = hydrobasaluminite, László 103 (1995).  
hidrobiotiet = hydrobiotite, Council for Geoscience 761 (1996).  
hidrobizmutit = bismutite, László 103 (1995).  
hidrobritolit = altered britholite-(Ce), László 103 (1995).  
hidroboracita = hydroboracite, Novitzky 162 (1951).  
hidroborasiet = hydroboracite, Council for Geoscience 761 (1996).  
hidroborokalcit = ulexite, László 103 (1995).  
hidrobraunit = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane),  
László 103 (1995).  
hidrobucholzit = sillimanite ?, László 103 (1995).  
hidrocalcita = ikaite +/- or monohydrocalcite, de Fourestier 147 (1999).  
hidro carbonato de bismuto = bismutite, Domeyko II, 299 (1897).  
hidro carbonato de zinc = hydrozincite, Domeyko II, 294 (1897).  
hidrocastorite = stilbite + petalite + mica + quartz ± montmorillonite,  
Aballain et al. 152 (1968).  
hidrocerit (Glocker 1831) = lanthanite-(Ce), László 103 (1995).  
hidrocerit (Glocker 1847) = bastnäsite-(Ce), László 103 (1995).  
hidrocerit (Vlasov et al.) = karnasurtite-(Ce) pseudomorph after  
steenstrupine-(Ce), László 103 (1995).  
hidrocerusita = hydrocerussite, Novitzky 162 (1951).  
hidrocerusszit (Cowley) = synthetic Pb<sub>5</sub>O(OH)<sub>2</sub>(CO<sub>3</sub>)<sub>3</sub>, László 103 (1995).  
hidrocerusszit (Nordenskiöld) = hydrocerussite, László 103 (1995).  
hidrocervantit = stibiconite, László 103 (1995).  
hidrochlorboriet = hydrochlorborite, Council for Geoscience 761 (1996).  
hidrocianita = chalcocyanite, Novitzky 162 (1951).  
hidrocincita = hydrozincite, Novitzky 163 (1951).  
hidrocinkit = hydrozincite, László 103 (1995).  
hidrocirkon = (OH)-rich zircon, László 103 (1995).  
hidroclarato de amoniaco = salammoniac, de Fourestier 147 (1999).  
hidroclintonit = hypothetical D<sub>3</sub>AlO<sub>2</sub>MgSiO<sub>4</sub>·3H<sub>2</sub>O, László 103 (1995).

hidrocookeit = cookeite, László 103 (1995).  
hidrocordierit = cordierite, László 103 (1995).  
hidrocsillam = hydrobiotite, László 103 (1995).  
hidrodelhayeliet = hydrodelhayelite, Council for Geoscience 761 (1996).  
hidrodolomit = hydromagnesite ± calcite, László 103 (1995).  
hidrodresseriet = hydrodresserite, Council for Geoscience 761 (1996).  
hidroeuxenit = samarskite-(Y), László 103 (1995).  
hidrofaan = opal-A, Council for Geoscience 761 (1996).  
hidrofana = opal-A, Novitzky 162 (1951).  
hidroferrit = goethite ± ferrihydrite, László 103 (1995).  
hidrofilita = antarcticite or sinjarite ?, Novitzky 162 (1951).  
hidrofillit = brucite, László 103 (1995).  
hidrofit = Fe<sup>2+</sup>-Mn-rich antigorite, László 103 (1995).  
hidroflogopit = hydrobiotite, László 103 (1995).  
hidrofluocerit = bastnäsite-(Ce), László 103 (1995).  
hidrofluorherderit = F-rich hydroxylherderite, László 103 (1995).  
hidrofluorit = HF gas, László 104 (1995).  
hidroforsterit = chrysotile, László 104 (1995).  
hidrofranklinit = Fe<sup>2+</sup>-rich chalcophanite, László 104 (1995).  
hidrogadolinit = gadolinite-(Y), László 104 (1995).  
hidrogénautunit = chernikovite, László 104 (1995).  
hidrogênio autunita = chernikovite, Atencio 75 (2000).  
hidrogiobertit = hydromagnesite + calcite, László 104 (1995).  
hidroglauberiet = hydroglauberite, Council for Geoscience 761 (1996).  
hidroglockerit = lepidocrocite, László 104 (1995).  
hidrogoethita = goethite or lepidocrocite + water, Novitzky 162 (1951).  
hidrogoethit = goethite + water, László 104 (1995).  
hidrogranaat = (OH)-rich grossular or katoite, Council for Geoscience 761 (1996).  
hidrogránát series = (OH)-rich grossular + katoite, László 104 (1995).  
hidrograndit = (OH)-rich andradite, László 104 (1995).  
hidrogrossular series = (OH)-rich grossular + katoite, Council for Geoscience 761 (1996).  
hidrogrosszulár series = (OH)-rich grossular + katoite, TMP VI, 14 (1999).  
hidrohaliet = hydrohalite, Council for Geoscience 761 (1996).  
hidrohalloysiet = halloysite-10Å, Council for Geoscience 761 (1996).  
hidrohausmannit (Boldyrev) = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), László 104 (1995).  
hidrohausmanniet (Feitknecht & Marti) = feitknechtite + hausmannite, Council for Geoscience 761 (1996).  
hidrohäyn = Na<sub>2</sub>SO<sub>4</sub>-deficient häyne, László 104 (1995).  
hidrohematite = Fe<sup>2+</sup>-(OH)-rich hematite, Novitzky 162 (1951).  
hidroherderiet = hydroxylherderite, Council for Geoscience 761 (1996).  
hidroheteroliet = hydrohetaerolite, Council for Geoscience 761 (1996).  
hidrohonessiet = hydrohonessite, Council for Geoscience 761 (1996).  
hidroilmenit = pseudorutile, László 104 (1995).  
hidrokalcit (Dana) = ikaite, László 104 (1995).  
hidrokalcit (Kosman) = ikaite or monohydrocalcite, László 104 (1995).  
hidrokalcit (Marschner) = monohydrocalcite, László 104 (1995).  
hidrokalumiet = hydrocalumite, Council for Geoscience 761 (1996).  
hidrokankrinit = synthetic Na<sub>2</sub>[(Al<sub>2</sub>Si<sub>2</sub>)O<sub>8</sub>]·H<sub>2</sub>O, László 104 (1995).  
hidrokaolin = halloysite-10Å, László 104 (1995).  
hidrokasszit = altered kassite, László 104 (1995).

hidrokassziterit = Fe-(OH)-rich cassiterite, László 104 (1995).  
hidrokasztor = stilbite + petalite + mica + quartz ± montmorillonite, László 104 (1995).  
hidrokatapleit = altered catapleiite, László 310 (1995).  
hidrokataplejit = altered catapleiite, László 104 (1995).  
hidroklinohumit = Ti-(OH)-rich clinohumite, László 104 (1995).  
hidroklor = pyrochlore, László 104 (1995).  
hidroklórborit = hydrochlorborite, László 104 (1995).  
hidrokonit = ikaite, László 104 (1995).  
hidroksielapatiet = hydroxylapatite, Council for Geoscience 761 (1996).  
hidroksielbastnäsiet = hydroxylbastnäsite, Council for Geoscience 761 (1996).  
hidroksielellestadiet = hydroxylellestadite, Council for Geoscience 761 (1996).  
hidroksielherderiet = hydroxylherderite, Council for Geoscience 761 (1996).  
hidroksipetschekiet = oxidized hydrated petscheckite, Council for Geoscience 761 (1996).  
hidrokuprit = colloidal cuprite, László 104 (1995).  
hidrolepidokrokkit = lepidocrocite + water, László 104 (1995).  
hidrolepidolit series = trillithionite + polyolithionite, László 104 (1995).  
hidrolite (Leman) = gmelinite, TMP VI, 199 (1999).  
hidrolite (Mackenzie) = opal-CT, TMP VI, 199 (1999).  
hidromagnesita = hydromagnesite ± calcite, Novitzky 162 (1951).  
hidromagnetit = magnetite + water, László 104 (1995).  
hidromagnezit = hydromagnesite ± calcite, László 104 (1995).  
hidromagniolit family = Mg-Si-O-H, László 105 (1995).  
hidromagnocalcita = calcite + brucite, MA 10, 95 (1947).  
hidromagnokalcit (Glatzel) = brucite + calcite, László 105 (1995).  
hidromagnokalcit (Rammelsberg) = hydromagnesite ± calcite, László 105 (1995).  
hidromanganit = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), László 105 (1995).  
hidromanganozit = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), László 105 (1995).  
hidrombobokulit = hydrombobomkulite, László 105 (1995).  
hidro-mbobomkuliet = hydrombobomkulite, Council for Geoscience 761 (1996).  
hidromelanotallit = synthetic  $\text{Cu}_2(\text{OH})_2\text{Cl}_2 \cdot \text{H}_2\text{O}$ , László 105 (1995).  
hidromelilit = hydrated melilite + cebollite + juanite, László 105 (1995).  
hidrometavauxit = oxidized metavauxite, László 105 (1995).  
hidromika = illite, Council for Geoscience 761 (1996).  
hidromolisiet = synthetic  $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ , Council for Geoscience 761 (1996).  
hidromolizit = synthetic  $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ , László 105 (1995).  
hidromontmorillonit = montmorillonite-17Å, László 105 (1995).  
hidromoscovita = illite, Novitzky 162 (1951).  
hidromuskoviet = illite, Council for Geoscience 761 (1996).  
hidromuskowiet = illite, Council for Geoscience 761 (1996).  
hidromuszkovit = illite, László 105 (1995).  
hidronaszturán = Pb-rich uraninite, László 105 (1995).  
hidronátrojarosit = natrojarosite, László 105 (1995).  
hidronátrolit = natrolite, TMP VI, 199 (1999).

hidronaujakasit = altered naujakasite, László 105 (1995).  
hidronefelita = natrolite + mica + analcime + clay, Novitzky 162 (1951).  
hidronephelit = natrolite + mica + analcime + clay, TMP VI, 199 (1999).  
hidroniccit = zaratite ?, László 105 (1995).  
hidronikkelmagnezit = zaratite + dolomite, László 105 (1995).  
hidróniumgastunit = synthetic  $(\text{H}_3\text{O})_2(\text{UO}_2)_2[\text{Si}_5\text{O}_{13}] \cdot \text{H}_2\text{O}$ , László 105 (1995).  
hidróniumjarosit = hydroniumjarosite, TMP II, 236 (1994).  
hidróniumjarozit = hydroniumjarosite, László 310 (1995).  
hidronontronit = nontronite-17Å, László 105 (1995).  
hidronozeán = vishnevite, László 105 (1995).  
hidroparagonit = Na-deficient paragonite, László 105 (1995).  
hidroparavauxit = sigloite, László 105 (1995).  
hidrophlogopita = hydrobiotite, de Fourestier 148 (1999).  
hidropirit = altered marcasite or pyrite, László 105 (1995).  
hidropirofillit = hypothetical  $(\text{H}_2\text{O})\text{Al}_2[\text{Si}_4\text{O}_{10}](\text{OH})_2$ , László 105 (1995).  
hidropiroklor = hydropyrochlore, László 105 (1995).  
hidropiroluzit = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), László 105 (1995).  
hidropit = rhodonite, László 105 (1995).  
hidroplumbit = hydrocerussite, László 105 (1995).  
hidropolilitionit = altered polyolithionite, László 105 (1995).  
hidrorinkiet = rinkite, Council for Geoscience 761 (1996).  
hidrorodonit = nambulite ?, László 105 (1995).  
hidroromarchiet = hydromarchite, Council for Geoscience 761 (1996).  
hidroroméit = stibiconite, László 105 (1995).  
hidrorutil = pseudorutile, László 105 (1995).  
hidroscarbriet = hydroscarbrite, Council for Geoscience 761 (1996).  
hidroserussiet = hydrocerussite, Council for Geoscience 761 (1996).  
hidrosianiet = chalcocyanite, Council for Geoscience 761 (1996).  
hidrosilicato de alumina = kaolinite, Domeyko II, 491 (1897).  
hidrosinkiet = hydrozincite, Council for Geoscience 761 (1996).  
hidrosteatita = talc, de Fourestier 148 (1999).  
hidroszamarokit = altered samarskite-(Y), László 105 (1995).  
hidroszerizit = illite, László 105 (1995).  
hidroszerpentin (Frank-Kamenetsky) = saponite ?, László 105 (1995).  
hidroszerpentin group (Strunz) = hypothetical  $\text{G}_3[\text{T}_2\text{O}_5](\text{OH})_4 \cdot 2\text{H}_2\text{O}$ , László 105 (1995).  
hidroszialit superfamily = clay, László 106 (1995).  
hidrosziderit = goethite ± ferrihydrite, László 106 (1995).  
hidroszilicít (Kuh) = talc, László 106 (1995).  
hidroszilicite (von Waltershausen) = augite ?, László 106 (1995).  
hidroszodalit (Vlasov et al.) = (OH)-rich sodalite, László 106 (1995).  
hidroszodalit (Wyart & Michel-Lévy) = synthetic  $\text{Na}_8[\text{Al}_6\text{Si}_6\text{O}_{24}][(\text{OH})_2, \text{CO}_3]$ , László 106 (1995).  
hidrotachylyta = Na-rich anorthite, de Fourestier 148 (1999).  
hidrotalcita = hydrotalcite, Novitzky 163 (1951).  
hidrotalkit = hydrotalcite, TMP VI, 14 (1999).  
hidrotalsiet = hydrotalcite, Council for Geoscience 761 (1996).  
hidrotephroit = Mg-rich tephroite, László 106 (1995).  
hidrotenorit = colloidal tenorite + chrysocolla + water, László 106 (1995).  
hidrothénardit = thenardite + blödite, László 106 (1995).  
hidrothomsonit = thomsonite-Ca, László 106 (1995).  
hidrotitanit = anatase pseudomorph after perovskite, László 106 (1995).

hidrotorit = (OH)-rich thorite, László 106 (1995).  
hidrotroillet = greigite ?, Council for Geoscience 761 (1996).  
hidrotungstiet = hydrotungstite, Council for Geoscience 761 (1996).  
hidrotungsztit = hydrotungstite, László 106 (1995).  
hidro-ugrandiet = (OH)-rich andradite, Council for Geoscience 761 (1996).  
hidrovermikulit = vermiculite, László 106 (1995).  
hidrowollastonit family = tobermorite + riversideite + plombièreite, László 106 (1995).  
hidroxiapatit = hydroxylapatite, László 106 (1995).  
hidroxiapofillit = apophyllite-(KOH), László 106 (1995).  
hidroxibraunit = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), László 106 (1995).  
hidróxido de hierro = goethite, Domeyko II, 491 (1897).  
hidróxido de manganeso = manganite, Domeyko II, 491 (1897).  
hidróxido de urano = autunite + torbernite, Domeyko II, 94 (1897).  
hidroxifluorapatit = F-rich hydroxylapatite, László 106 (1995).  
hidroxikeramohalit = Al-S-O-H (pickeringite ?), László 106 (1995).  
hidroxilannit = annite, László 106 (1995).  
hidroxilapatit = hydroxylapatite, László 106 (1995).  
hidroxilascharit = H-rich szaibélyite, László 106 (1995).  
hidroxilbastnäsit = hydroxylbastnäsite, László 106 (1995).  
hidroxillelestadit = hydroxylelestadite, László 106 (1995).  
hidroxilflogopit = phlogopite, László 106 (1995).  
hidroxilherderit = hydroxylherderite, László 106 (1995).  
hidroxilkupletszkit = kupletskite, László 106 (1995).  
hidroxillepidomelán = F-free biotite, László 106 (1995).  
hidroxilmarialit = hypothetical scapolite  $\text{Na}_4[(\text{Al}_3\text{Si}_9)\text{O}_{24}](\text{OH})$ , László 106 (1995).  
hidroxilmeionit = hypothetical scapolite  $\text{Ca}_4[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$ , László 106 (1995).  
hidroxilmeroxén = biotite, László 106 (1995).  
hidroxilpiromorfit = synthetic apatite  $\text{Pb}_5(\text{PO}_4)_3(\text{OH})$ , László 106 (1995).  
hidroxilszaibélyit = H-rich szaibélyite, László 106 (1995).  
hidroxilsziderofillit = siderophyllite, László 106 (1995).  
hidroxilszodalit = synthetic  $\text{Na}_8[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$ , László 106 (1995).  
hidroxiltopáz = synthetic  $\text{Al}_2[\text{SiO}_4](\text{OH})_2$ , László 106 (1995).  
hidroxilvisnyevit = hydroxycancrinite, László 106 (1995).  
hidroximimetezit = synthetic  $\text{Pb}_5(\text{AsO}_4)_3(\text{OH}) \cdot \text{H}_2\text{O}$ , László 106 (1995).  
hidroxipetscheckit = oxidized hydrated petscheckite, László 107 (1995).  
hidrozincita = hydrozincite, Domeyko II, 294 (1897).  
hidrozinquita = hydrozincite, Novitzky 368 (1951).  
hidrozunjiet = synthetic (OH)-rich zunyite, Council for Geoscience 761 (1996).  
hidrozunyt = synthetic (OH)-rich zunyite, László 107 (1995).  
hielmit = Y-Nb-rich microlite + Nb-rich tantalite, AM 9, 62 (1924).  
hielo = ice, Dana 6th, 1117 (1892).  
hiena = banded quartz-mogánite mixed-layer ?, de Fourestier 149 (1999).  
hieracita = banded quartz-mogánite mixed-layer, de Fourestier 149 (1999).  
hierarch stone = violet  $\text{Fe}^{3+}$ -rich quartz, Bukanov 132 (2007).  
hierro = iron, Dana 6th, 28 (1892).  
hierro acicular = acicular goethite, Novitzky 216 (1951).  
hierro amarillo = ferrinatriite, Domeyko II, 156 (1897).  
hierro arcilloso = goethite, Dana 6th, 250 (1892).

hierro arseniatado = pharmacosiderite + scorodite, Domeyko II, 165 (1897).  
hierro basáltico = ferberite or hübnerite, de Fourestier 149 (1999).  
hierro carbonatado litoideo = siderite + clay + coal, Novitzky 28 (1951).  
hierro carbonato compacto o arcilloso = siderite + clay, Domeyko II, 168 (1897).  
hierro cenagoso = goethite ?, Domeyko II, 145 (1897).  
hierro cromado = chromite, Dana 6th, 228 (1892).  
hierro cristalizado = hematite, Domeyko II, 491 (1897).  
hierro de lanza = twinned marcasite, Novitzky 310 (1951).  
hierro de los prados = goethite, Novitzky 34 (1951).  
hierro de prados = goethite, Domeyko II, 145 (1897).  
hierro epigenico = goethite pseudomorph after pyrite, de Fourestier 149 (1999).  
hierro escamosa = hematite, de Fourestier 149 (1999).  
hierro espático = siderite, Dana 6th, 1117 (1892).  
hierro espejado = hematite, Domeyko II, 139 (1897).  
hierro fibroso = hematite, Domeyko II, 143 (1897).  
hierro globoso = goethite, Dana 6th, 250 (1892).  
hierro hepático = goethite pseudomorph after pyrite, de Fourestier 149 (1999).  
hierro hidratado pardo = goethite, Domeyko II, 491 (1897).  
hierro magnético = magnetite, Dana 6th, 224 (1892).  
hierro magnético magnesiano = Mg-rich magnetite, Domeyko II, 147 (1897).  
hierro metálico = iron, Domeyko II, 124 (1897).  
hierro meteórico = Ni-rich iron (meteorite), Domeyko II, 125 (1897).  
hierro micáceo = black hematite, Egleston 151 (1892).  
hierro nativo = iron, Domeyko II, 124 (1897).  
hierro oligisto = hematite, Dana 6th, 213 (1892).  
hierro oolítico = oolitic goethite, Domeyko II, 146 (1897).  
hierro oxalato = humboldtine, Domeyko II, 169 (1897).  
hierro palustre = goethite, Dana 6th, 250 (1892).  
hierro pantanoso = goethite, Novitzky 199 (1951).  
hierro palustre = goethite, Domeyko II, 145 (1897).  
hierro pardo = goethite, Dana 6th, 247 (1892).  
hierro pardo compacto = goethite, Domeyko II, 144 (1897).  
hierro pardo fibroso = hematite, Domeyko II, 491 (1897).  
hierro pardo ocráceo = hematite, Domeyko II, 491 (1897).  
hierro pardo telurado = Fe-Te-rich gold, Domeyko II, 491 (1897).  
hierro pardo titánico = pseudorutile, Domeyko II, 491 (1897).  
hierro píceo = goethite, Domeyko II, 166 (1897).  
hierro pisolítico = goethite, Novitzky 24 (1951).  
hierro radiado = marcasite, Novitzky 259 (1951).  
hierro titanado = ilmenite or pseudorutile, Novitzky 164 (1951).  
hierro titánico = pseudorutile, Domeyko II, 103 (1897).  
hierro verde = dufrénite, de Fourestier 149 (1999).  
higany = mercury, László 107 (1995).  
higanyfakóérc = Hg-rich tetrahedrite, László 107 (1995).  
higanymájérc = cinnabar + clay, László 107 (1995).  
higanytetraedrit = Hg-rich tetrahedrite, László 107 (1995).  
higginsite = Cu-rich austinite on conichalcite, LAP 33(7-8), 76 (2008).  
high albite = albite (disordered Al-Si), Deer et al. IV, 15 (1963).  
high Al-chlorite = amesite, AM 56, 1266 (1971).  
high-Al-hornblende = magnesiohastingsite, CM 30, 377 (1992).

high boron albite = synthetic feldspar  $\text{Na}[(\text{Si}_3\text{B})\text{O}_8]$ , AM 77, 77 (1992).  
high-Ca pyroxene = augite, AM 68, 477 (1983).  
high carnegieite = synthetic  $\text{Na}[(\text{AlSi})\text{O}_4]$ , Deer *et al.* IV, 241 (1963).  
high chalcocite = high-temperature hexagonal  $\text{Cu}_2\text{S}$ , AM 66, 808 (1981).  
high-clinoenstatite = high-temperature pyroxene  $\text{Mg}_2[\text{Si}_2\text{O}_6]$ , AM 59, 345 (1974).  
high clinoferrosilite = high-temperature pyroxene  $\text{Fe}_2[\text{Si}_2\text{O}_6]$ , AM 69, 264 (1984).  
high-clinopyroxene = high-temperature  $\text{Mg}_2[\text{Si}_2\text{O}_6]$ , AM 84, 245 (1999).  
high-cordierite = cordierite, EJM 3, 810 (1991).  
high cristobalite = high-temperature  $\text{SiO}_2$ , Dana 7th III, 273 (1962).  
high dickite = > 2.6 GPa, AM 95, 651 (2010).  
high digenite = digenite-high, AM 66, 808 (1981).  
high-disorder-kalsilite = high-temperature  $\text{K}[\text{AlSiO}_4]$ , MJJ 11, 77 (1982).  
high enstatite =  $\text{Mg}_2[\text{Si}_2\text{O}_6]$  (C2/c), EJM 23, 197 (2011).  
high eucairite = synthetic  $\text{CuAgSe}$ , PDF 57-473.  
highgate-i gyanta = amber, László 107 (1995).  
highgate resin = amber, Dana 6th, 1007 (1892).  
high-indialite = indialite, AM 51, 1071 (1966).  
high-kalsilite = trikalsilite, MJJ 11, 77 (1982).  
high K-oligoclase = Ca-rich sanidine, AM 71, 3 (1986).  
high melanophlogite = synthetic  $\text{SiO}_2$  + gas, Strunz & Nickel 206 (2001).  
high naumannite =  $\text{Ag}_2\text{Se}$  > 405°K, AM 92, 640 (2007).  
high natrolite =  $\text{Na}_2[\text{Al}_2\text{Si}_3\text{O}_{10}]$  > 550°C, AM 96, 393 (2011).  
high-nepheline = nepheline, Deer *et al.* IV, 241 (1963).  
high oligoclase = Na-rich albite (disordered Al-Si), AM 71, 3 (1986).  
high perdistortional cordierite = cordierite, AM 51, 1071 (1966).  
high pigeonite = high-temperature  $(\text{Mg},\text{Fe},\text{Ca})_2[\text{Si}_2\text{O}_6]$ , Deer *et al.* 2A, 164 (1978).  
high-plagioclase series = albite (disordered Al-Si) + anorthite, Clark 29 (1993).  
high-pressure clinoenstatite = high-pressure  $\text{Mg}_2[\text{Si}_2\text{O}_6]$ , AM 84, 1588 (1999).  
high-pressure clinopyroxene = high-pressure  $\text{Mg}_2[\text{Si}_2\text{O}_6]$ , AM 84, 245 (1999).  
high quartz = high-temperature  $\text{SiO}_2$ , Dana 7th III, 251 (1962).  
high sanidine = sanidine (disordered Al-Si), Deer *et al.* IV, 3 (1963).  
high-Si cancrinite = cancrisilite, de Fourestier 149 (1999).  
high-skinerite = high-temperature  $\text{Cu}_3\text{SbS}_3$ , MA 46, 4296 (1995).  
high subdistortional cordierite = cordierite, AM 51, 1071 (1966).  
high-temperature chalcocite = digenite, AM 56, 1889 (1971).  
high-temperature quartz = high-temperature  $\text{SiO}_2$ , Dana 7th III, 251 (1962).  
high-tridymite = high-temperature  $\text{SiO}_2$ , Dana 7th III, 259 (1962).  
high zircon = zircon, Nassau 282 (1980).  
higrophilita = muscovite pseudomorph after feldspar, de Fourestier 149 (1999).  
hijada = actinolite or jadeite, Egleston 14 (1892).  
hilgardite-PORabc = hilgardite-1A, CM 16, 116 (1978).  
hilgardite-PMa2bc = hilgardite-4M, CM 16, 116 (1978).  
hilgardite-2M = hilgardite-4M, AM 51, 1280 (1966).  
hilgardite-1O = hilgardite-1A, MR 27, 168 (1996).  
hilgardite-1Tc = hilgardite-1A, AM 78, 1313 (1993).  
hilgardite-ITc = hilgardite-1A, Clark 718 (1993).  
hilgardite-3Tc = hilgardite-3A, AM 78, 1313 (1993).

hilgenstockite = synthetic  $\text{Ca}_4(\text{PO}_4)_2\text{O}$  (slag), MM 19, 342 (1922).  
Hillängsít = manganogrunerite, AM 63, 1050 (1978); MM 61, 309 (1997).  
hillangsite = manganogrunerite, Dana 6th, 386 (1892).  
Hillebrandtit = hillebrandite, Clark 295 (1993).  
hill jade = antigorite, de Fourestier 149 (1999).  
Hillman Clay = kaolinite, Robertson 19 (1954).  
hillmanite =  $\text{Cu}_4\text{Au}_3\text{Pt}$ , IMA 1998-005.  
Himalalya-Salz = halite, LAP 34(11), 4 (2009).  
Himbeerspat = rhodochrosite, Doelter I, 411 (1911).  
Himbeerspath = rhodochrosite, Dana 6th, 278 (1892).  
himmelblau Fossil von Steiermark = lazulite, Dana 6th, 798 (1892).  
himmelfahrtita = boulangérite, de Fourestier 150 (1999).  
Himmelmehl = gypsum or calcite, Haditsch & Maus 79 (1974).  
Himmelsmehl = gypsum or calcite, Doelter IV.2, 120 (1926).  
Himmelstein = benitoite or turquoise, Sinkankas 289 (1972); László 139 (1995).  
hinanga = actinolite or jadeite, Egleston 14 (1892).  
hinganit = késterite, László 107 (1995).  
hingganite = hingganite-(Y), AM 72, 1042 (1987).  
hingganite-(Nd) =  $\text{NdBe}(\text{SiO}_4)(\text{OH})$ , CM 48, 85 (2010).  
hinjosa topaz = heated yellow gem  $\text{Fe}^{3+}$ -rich quartz, Read 112 (1988).  
hinojosaitopáz = heated yellow gem  $\text{Fe}^{3+}$ -rich quartz, László 274 (1995).  
hinsdaleite = hinsdalite, Dana 8th, 1797 (1997).  
Hintzeit = kaliborite, Dana 6th, 885 (1892).  
hiordahlite = hiordahlite, Lacroix 113 (1931).  
hiordahlite-I or hiordahlite-II = hiordahlite, TPM 34 297 (1985).  
hiordalite = hiordahlite, Simpson 35 (1932).  
hiordahlite = hiordahlite, de Fourestier 29 (1994).  
hipercinnabarit = hypercinnabar, László 107 (1995).  
hiperitritin = Ag-rich gold, László 107 (1995).  
hiperoranit = K-rich anorthite + Ca-rich orthoclase, László 107 (1995).  
hiperpertit = K-rich albite ± Na-rich orthoclase, László 107 (1995).  
hipersinnaber = hypercinnabar, Council for Geoscience 761 (1996).  
hipersteen =  $\text{Fe}^{2+}$ -rich enstatite or Mg-rich ferrosilite, Macintosh 28 (1988).  
hiperstena =  $\text{Fe}^{2+}$ -rich enstatite or Mg-rich ferrosilite, Zirlin 67 (1981).  
hiperstênio =  $\text{Fe}^{2+}$ -rich enstatite or Mg-rich ferrosilite, Zirlin 69 (1981).  
Hiperzstén =  $\text{Fe}^{2+}$ -rich enstatite or Mg-rich ferrosilite, László 107 (1995).  
hipodesmin = stilbite, TMP VI, 199 (1999).  
hipodezmin = stilbite, TMP VI, 199 (1999).  
hipoklorit = bismutoferrite ± chapmanite + quartz, László 107 (1995).  
hipooranit = Ca-rich orthoclase + K-rich anorthite, László 107 (1995).  
hipopertit = Na-rich orthoclase + K-rich albite, László 107 (1995).  
hipostatita = pseudorutile, de Fourestier 150 (1999).  
hipostilbit = stilbite or laumontite, TMP VI, 199 (1999).  
hiposziderit = goethite ± ferrihydrite, László 107 (1995).  
hiposzklerit = albite, László 107 (1995).  
hiposztatit = pseudorutile, László 107 (1995).  
hiposztilbit (Beudant) = stilbite, László 107 (1995).  
hiposztilbit (Mallet) = laumontite, László 107 (1995).  
hipotifit = arsenolamprite, László 107 (1995).

hipotyphita = arsenolamprite, de Fourestier 150 (1999).  
 hipoxantit = halloysite-10Å + goethite ± ferrihydrite, László 107 (1995).  
 hip stone = actinolite, de Fourestier 150 (1999).  
 hiranya = gold, Egleston 139 (1892).  
 Hircin or hircite = resin, Dana 6th, 1014 (1892).  
 Hirseneisenstein = siderite + clay, Egleston 312 (1892).  
 Hirsenerz = goethite, Haditsch & Maus 79 (1974).  
 Hirzin = resin, Chudoba RI, 29 (1939); [I.4,1419].  
 Hirzit = resin, Chudoba RI, 29 (1939); [I.4,1397].  
 hislopite = calcite + glauconite, Dana 6th; 266, 684 (1892).  
 histrixite = arsenopyrite + bismuthinite + pyrite + chalcopyrite + jamesonite + sphalerite + tetrahedrite, AM 36, 383 (1951).  
 hisztatit = ilmenite + hematite + magnetite, László 108 (1995).  
 hisztrixit = arsenopyrite + bismuthinite + pyrite + chalcopyrite + jamesonite + sphalerite + tetrahedrite, László 108 (1995).  
 hitchcockite = plumbogummite, MM 12, 223 (1900).  
 Hitchcokkit = plumbogummite, LAP 22(3), 8 (1997).  
 Hitchcockit = plumbogummite, Chudoba RI, 29 (1939); [I.4,1021].  
 hiúzkő = gem cordierite, László 139 (1995).  
 hiúzzafir = gem cordierite or blue asteriated gem Fe-Ti-rich corundum, László 108 (1995).  
 H.I. White = kaolinite, Robertson 20 (1954).  
 Hjelmet = Y-Nb-rich microlite + Nb-rich tantalite, AM 67, 164 (1982).  
 Hjordahlit = hiortdahlite, LAP 31(10), 25 (2006).  
 Hjortdahlit = hiortdahlite, Doelter IV.3, 1131 (1931); [II.2,1041].  
 H+-kaolinite = H-saturated kaolinite, CCM 29, 287 (1981).  
 H-kazakovite = tisinallite, EJM 21, 1071 (2009).  
 Hlawatsch = anglesite, Dana 7th II, 420 (1951).  
 H-lawsonite = lawsonite, EJM 14, 1147 (2002).  
 HLC corrensite = corrensite (chlorite-smectite), Dana 8th, 1508 (1997).  
 hlopinite = Ta-rich samarskite-(Y), AM 57, 329 (1972).  
 H-magadiite = synthetic  $H_2Si_6O_{13}$ , AM 54, 1589 (1969).  
 H-meta-autunite = chernikovite, MM 35, 1075 (1966).  
 H-metauranospinite =  $(H_3O)[(UO_2)(AsO_4)] \cdot 3H_2O$ , Godovikov 88 (1997).  
 H-mica = synthetic  $HAl_2[(Si_3Al)O_{10}](OH)_2$ , AM 65, 1003 (1980).  
 H-Montmorillonit = H-exchanged montmorillonite, MM 26, 335 (1943).  
 H+-montmorillonite = H-exchanged montmorillonite, CCM 29, 287 (1981).  
 H-mordenite = H-exchanged mordenite, ClayM 46, 189 (2011).  
 H-natrolite = unstable synthetic zeolite  $H[(Al_2Si_3)O_{10}] \cdot 2H_2O$ , EJM 18, 345 (2006).  
 H.N.B.R. = clay, Robertson 24 (1954).  
 H<sub>3</sub>O-alunite = synthetic  $(H_3O)Al_3(SO_4)_2(OH)_6$ , CM 39, 1132 (2001).  
 hoameyerite = unknown, IMA 1999-016.  
 hoat-che = kaolinite, de Fourestier 150 (1999).  
 hoch (German) ...: see also high ...  
 hoch-Bassanit = high-temperature  $2CaSO_4 \cdot H_2O$  ?, MM 35, 345 (1965); Strunz 291 (1970).  
 Hochcordierit = indialite, Chudoba EIII, 138 (1965).  
 hoch-Cristobalit = high-temperature  $SiO_2$ , Strunz 194 (1970).  
 hoch-Eukryptit = high-temperature  $Li[(AlSi)O_4]$ , Strunz 470 (1970).  
 hoch-Quarz = high-temperature  $SiO_2$ , Strunz 194 (1970).  
 hoch-Schapbachit = high-temperature  $AgBiS_2$ , MM 39, 914 (1974).  
 hochschildita = bindheimite pseudomorph after teallite ?, AM 28, 213 (1943).

hochschnee = ice, Hintze I.2, 1222 (1904).  
hoch-Tridymit = high-temperature SiO<sub>2</sub>, Strunz 194 (1970).  
hochukolite = Pb-rich baryte, Lacroix 114 (1931).  
H<sub>2</sub>O-cordierite = H<sub>2</sub>O-rich cordierite, Deer et al. 1B, 465 (1986).  
hodenbergite = unknown, IMA 1986-022.  
Hodkinsonit = hodgkinsonite, Doelter IV.3, 1131 (1931); [II.3,426].  
hodnyevit = chiolite, László 108 (1995).  
Hodruschit = hodrušite, Chudoba EIV, 37 (1974).  
Hodrushit = hodrušite, MM 39, 915 (1974); MR 39, 133 (2008).  
Hodson = 16,000 ct. gem opal-A, Bukanov 151 (2006).  
hodurasita = selenium + tellurium, Clark 299 (1993).  
hoeanghoiet = huanghoite-(Ce), Council for Geoscience 761 (1996).  
hoeferite (Cipriani & Vannuccini) = biringuccite, AM 48, 709 (1963).  
Hoferit (Katzer) = chapmanite, AM 50, 2110 (1965).  
hoefferite = chapmanite, Aballain et al. 154 (1968).  
hoeganite = natrolite, Chester 122 (1896).  
hoegaut = natrolite, Goldschmidt IX text, 181 (1923).  
hoegbomite = magnesiohögbomite, AM 4, 76 (1919).  
hoegbomite = magnesiohögbomite, Roberts et al. 370 (1990).  
hoegtveitite = thalénite-(Y), AM 12, 97 (1927).  
hoepfnerite = tremolite, AM 63, 1050 (1978).  
hoerlera = halloysite-10Å, Hey 88 (1963).  
hoernesite = hörnesite, Dana 6th, 817 (1892).  
Hoelvit = sylvite, Chester 122 (1896).  
Höferit (Cipriani & Vannuccini) = biringuccite, Strunz 534 (1970).  
hoferite (Cipriani & Vannuccini) = biringuccite, Aballain et al. 154 (1968).  
Höferit (Katzer) = chapmanite, Dana 6th I, 35 (1899).  
hoferite (Katzer) = chapmanite, Aballain et al. 154 (1968).  
Hoffmannit (Hintze) = löllingite or arsenopyrite, Hintze I.1, 869 (1901).  
hoffmannite (Bechi) = hartite, Clark 297 (1993).  
hofmannite = hartite, MA 2, 47 (1923).  
Hofsalz = halite, Papp 105 (2004).  
Höganit = natrolite, Clark 297 (1993).  
Högaut = natrolite, Dana 6th, 600 (1892).  
hogauite = natrolite, Chester 122 (1896).  
Hogboemit = magnesiohögbomite, Kipfer 177 (1974).  
Högbohmit = magnesiohögbomite, Chudoba EII, 893 (1960).  
hogbohmit = magnesiohögbomite, Aballain et al. 154 (1968).  
Högbomit-4H = magnesiohögbomite-2N2S, Chudoba EIII, 138 (1965).  
högbomite-5H = magnesiohögbomite-2N3S, PDF 16-336.  
Högbomit-6H = magnesiohögbomite-2N4S, Chudoba EIII, 138 (1965).  
högbomite-8H = magnesiohögbomite-2N2S, EJM 14, 393 (2002); CM 41, 802 (2003).  
högbomite-10T = magnesiohögbomite-2N3S, AM 87, 290 (2002); CM 41, 802 (2003).  
högbomite-12H = magnesiohögbomite-2N4S, AM 87, 291 (2002).  
högbomite-14T = magnesiohögbomite-2N5S, AM 87, 291 (2002).  
Högbomit-15R = magnesiohögbomite-6N9S, Chudoba EIII, 138 (1965).  
högbomite-18R = ferrohögbomite-6N12S, PDF 16-167.  
högbomite-24R = magnesiohögbomite-6N6S, AM 87, 290 (2002); CM 41, 802 (2003).  
högbomite-24T = magnesiohögbomite-6N6S, Mandarino & Back 160 (2004).  
högbomite-30H = magnesiohögbomite-2N10S ?, Strunz & Nickel 195 (2001).

högbomite-30R = magnesiohögbomite-6N9S, Strunz & Nickel 195 (2001).  
högbomite-36R = magnesiohögbomite-6N12S, Strunz & Nickel 195 (2001).  
Högetveit = thalénite-(Y), AM 54, 329 (1969).  
Högtomite = magnesiohögbomite, Clark 322 (1993).  
hog-tooth spar = calcite, Chester 122 (1896).  
högtoveitite = thalénite-(Y), AM 12, 97 (1927).  
Högtreidit = unknown, Lacroix 114 (1931).  
Högtuvait = högtuvaite, Weiss 109 (1994); MR 39, 133 (2008).  
Högtveitit = thalénite-(Y), MM 20, 455 (1925).  
Högtveitit = thalénite-(Y), AM 54, 329 (1969).  
høgtveitita = albite, de Fourestier 150 (1999).  
høgtveitite = thalénite-(Y), Aballain et al. 154 (1968).  
hohle Kanale = calcite, Ramdohr 1169 (1975).  
Höhlenperle = calcite or aragonite, Kipfer 96 (1974).  
Hohlspat = twinned cross-formed andalusite, Strunz 534 (1970).  
Hohlspath = twinned cross-formed andalusite, Dana 6th, 496 (1892).  
hohmanite = hohmannite, Strunz & Nickel 397 (2001).  
hohmannite-meta = metahohmannite, Nickel & Nichols 246 (1991).  
H<sub>3</sub>O jarosite = hydroniumjarosite, AM 92, 1466 (2007).  
hojillerite = johillerite, MA Index 53, 700 (2002).  
Hokartit = hocartite, Chudoba EIV, 38 (1974).  
hokutolite = Pb-rich baryte, MM 16, 362 (1913).  
Hokutolith-Quellsinter = Pb-rich baryte, Chudoba RI, 29 (1939);  
[I.3,3884].  
hollandita = hollandite, Zirlin 67 (1981).  
holdkő = orthoclase or Ca-rich albite or gypsum, László 108 (1995).  
hölit = hoelite, László 108 (1995).  
holl-I = low temperature low pressure KAlSi<sub>3</sub>O<sub>8</sub>, AM 96, 974 (2011)."  
holl-II = low temperature high pressure KAlSi<sub>3</sub>O<sub>8</sub>, AM 96, 974 (2011)."  
hollandine = spessartine, Bukanov 108 (2006).  
hollandite (?) = orange gem spessartine, O'Donoghue 233 (2006).  
hollandite-κ = colloidal hollandite, MM 18, 385 (1919).  
hollow spar = twinned cross-formed andalusite, Chester 122 (1896).  
hollow stone = twinned cross-formed andalusite, Bukanov 186 (2006).  
holmesite = red clintonite, AM 73, 365 (1988).  
holmite (Clarke) = limestone (rock), Clark 298 (1993).  
holmite (Thomson) = red clintonite, Dana 6th, 638 (1892).  
holmsite = red clintonite, AM 52, 1122 (1967).  
Holoëdrites barytosus = witherite, Papp 59 (2004).  
Holoëdrites manganocalcarius = inesite + calcite + dolomite, Papp 59  
(2004).  
Holoedrites syntheticus = alstonite, Doelter I, 504 (1912).  
holosiderite = iron (meteorite), Dana 6th, 31 (1892).  
holotrichine = halotrichite, de Fourestier 30 (1994).  
Holstein = actinolite pseudomorph after wood, Read 112 (1988).  
holtite-I = Sb-As-poor holtite, AM 91, 221 (2006); MM 73, 1033 (2009).  
holtite-II = Sb-As-rich holtite, AM 91, 221 (2006); MM 73, 1033 (2009).  
holy stone = quartz, de Fourestier 151 (1999).  
Holzachat = fine-grained banded quartz pseudomorph after wood, Strunz 534  
(1970).  
Holzasbest = fibrous amphibole or chrysotile pseudomorph after wood, AM  
63, 1050 (1978).  
Holzjaspis = massive quartz + red hematite pseudomorph after wood, László  
118 (1995).

Holzkufererz = fibrous olivenite, Dana 6th, 785 (1892).  
Holzopal = opal-CT pseudomorph after wood, Chester 290 (1896).  
Holzspath = twinned cross-formed andalusite, Bukanov 186 (2006).  
Holzstein (Blum) = quartz-mogánite mixed-layer ± opal-CT pseudomorph after wood, Hintze I.2, 1353 (1905).  
Holzstein (Hermann) = actinolite pseudomorph after wood, Clark 299 (1993).  
Holzzinn = brown reniform cassiterite, Dana 7th I, 574 (1944).  
Holzzinner = brown reniform cassiterite, Hey 453 (1962).  
Holzzinnerz = brown reniform cassiterite, Dana 6th, 235 (1892).  
homannita = amarantite, de Fourestier 151 (1999).  
homesite = honessite, AM Index 41-50, errata 4 (1968).  
homessite = honessite, AM Index 41-50, 384 (1968).  
homichlin = chalcopyrite + goethite + chalcocite, Dana 6th, 83 (1892).  
homichlinite = chalcopyrite + goethite + chalcocite, Thrush 549 (1968).  
homilitähnliche Mineral = weathered homilite, Doelter IV.3, 1008 (1931).  
homlichin = chalcopyrite + goethite + chalcocite, Strunz & Nickel 785 (2001).  
homocline = chalcopyrite + goethite + chalcocite, Egleston 156 (1892).  
homolite = homilite, Thrush 549 (1968).  
Ho-montmorillonite = Ho-exchanged montmorillonite, CCM 30, 115 (1982).  
H<sub>3</sub>O-mordenite = synthetic zeolite (H<sub>3</sub>O)[(Al<sub>8</sub>Si<sub>40</sub>)O<sub>96</sub>]·28H<sub>2</sub>O, CM 39, 1132 (2001).  
Honan jade = actinolite or jadeite + quartz or serpentine or talc, Webster & Jobbins 57 (1998).  
H<sub>3</sub>O-natrolite = synthetic zeolite (H<sub>3</sub>O)<sub>2</sub>[(Al<sub>2</sub>Si<sub>3</sub>)O<sub>10</sub>]·2H<sub>2</sub>O, EJM 8, 85 (1996).  
hondurasita = selenium + tellurium, AM 36, 639 (1951).  
honestone = quartz, Egleston 156 (1892).  
honey blende = yellow sphalerite, Schumann 200 (1977).  
honey-color stone = yellow opal-CT, Bukanov 151 (2006).  
honey marble onyx = aragonite, Bukanov 264 (2006).  
honey-stone = mellite, Dana 6th, 1117 (1892).  
honey onyx = calcite, de Fourestier 30 (1994).  
honey opal = green-yellow opal-A, Read 112 (1988).  
honey-yellow quartz = heated yellow gem Fe-rich quartz, Egleston 280 (1892).  
hongchaoit = hungchaoite, László 110 (1995).  
honghita = hydrotalcite pseudomorph after spinel, de Fourestier 151 (1999).  
honglingite = unknown, IMA 1993-015.  
hongquiiite = khamrabaevite, PDF 29-1361; AM 72, 1039 (1987).  
hongsjiiet = hongshiite, Council for Geoscience 761 (1996).  
hongshanite = unknown, IMA 2005-59a.  
honigblende = dark-yellow transparent sphalerite, Kipfer 96 (1974).  
Honigopal = green-yellow opal-A, László 204 (1995).  
Honigspat = fluorite, LAP 17(12), 31 (1992).  
Honigspat-Baryt = baryte, LAP 26(7/8), 33 (2001).  
Honigstein = mellite, Dana 6th, 994 (1892).  
Honigsteinsäure+Alaunerde+Wasser = mellite, Dana 6th, 994 (1892).  
Honigsteinsaurer Eisen = humboldtine, Egleston 156 (1892).  
Honigsteinsaures Eisen = humboldtine, Dana 6th, 994 (1892).  
honquiiite = khamrabaevite, Clark 299 (1993).  
honquillite = khamrabaevite, MA 26, 2522 (1975).

honsilber = chlorargyrite, Domeyko II, 492 (1897).  
hoo-cannel = bituminous coal + clay, Egleston 218 (1892).  
hoo coal = bituminous coal + clay, Egleston 218 (1892).  
hoornblende = ferrohornblende or magnesiohornblende, Zirlin 68 (1981).  
Hoornzilver = chlorargyrite, Zirlin 40 (1981).  
Hope = 112 ct. blue diamond, AG 23, 92 (2007).  
Hope = 44 ct. chrysoberyl, MR 41, 291 (2010).  
hopeite- $\alpha$  = hopeite, MM 15, 12 (1908).  
hopeite- $\beta$  = hopeite, MM 15, 12 (1908).  
hópehelyjade = albite + Cr-rich eckermannite + kosmochlor + chromite + natrolite, László 116 (1995).  
Hope Sapphire = synthetic dark-blue Co-Ni-rich spinel, Nassau 248 (1980).  
Hope Star = synthetic corundum, Nassau 77 (1980).  
Hope Stone = spinel, Bukanov 77 (2006).  
Höpfnerit = tremolite, Egleston 12 (1892).  
hopfnerite = tremolite, Aballain et al. 155 (1968).  
hopper crystals = halite, Allaby & Allaby 181 (1990).  
Hoppers = halite, Hintze I.2, 2174 (1911).  
hoppingita = coccinite, AM 36, 641 (1951).  
Hopton Wood = calcite (crinoid marble), O'Donoghue 369 (2006).  
Hoquiam ruby = synthetic gem Cr-rich corundum, Nassau 54 (1980).  
Horatio diamond = transparent quartz, AM 12, 385 (1927).  
Horbachit = pentlandite, Dana 7th I, 243 (1944).  
horeaulite = hureaulite, Clark 421 (1993).  
horingblende = hornblende, Council for Geoscience 761 (1996).  
horingsilber = chlorargyrite, Council for Geoscience 750 (1996).  
horminoda = banded quartz-mogánite mixed-layer, de Fourestier 151 (1999).  
hormites family = sepiolite + palygorskite, AM 45, 257 (1960); 49, 223 (1964).  
Hornbärg = ferrohornblende or magnesiohornblende, Dana 6th, 386 (1892).  
hornbarg = ferrohornblende or magnesiohornblende, Aballain et al. 155 (1968).  
Hornberg = opal + quartz-mogánite mixed-layer, Haditsch & Maus 80 (1974).  
Hörnbergite = trögerite ?, MM 13, 368 (1903).  
hornbergite = trögerite ?, Aballain et al. 155 (1968).  
Hornblände subgroup = ferrohornblende or magnesiohornblende, Zirlin 69 (1981).  
Hornblei = phosgenite, Dana 6th, 292 (1892).  
Hornbleierz = phosgenite or mendipite, Haditsch & Maus 80 (1974).  
hornblenda subgroup = ferrohornblende or magnesiohornblende, Dana 6th, 385 (1982).  
hornblenda magnezowa = magnesiohornblende, Clark 420 (1993).  
hornblenda negra = ferrohornblende, de Fourestier 151 (1999).  
hornblenda verde = edenite or pargasite, de Fourestier 151 (1999).  
hornblende subgroup = ferrohornblende or magnesiohornblende, MM 61, 295 (1997).  
hornblendeagtiga gula prismor = apatite, Petersen & Johnsen 126 (2005).  
hornblendeagtiga hvita prismor = apatite, Petersen & Johnsen 127 (2005).  
Hornblende ähnlich = kaersutite, Petersen & Johnsen 58 (2005).  
Hornblendeasbest = fibrous actinolite, Chudoba EII, 645 (1958).  
hornblende-basaltic = Fe<sup>3+</sup>-rich magnesiohornblende or magnesiohastingsite, Egleston 14 (1892).  
hornblende-basaltique = Fe<sup>3+</sup>-rich magnesiohornblende or magnesiohastingsite, Aballain et al. 155 (1968).

hornblende de Labrador = orthopyroxene, Clark 300 (1993).  
hornblende ferrifère = ferrohornblende, Aballain *et al.* 105 (1968).  
hornblende jade = actinolite or hornblende, Thrush 552 (1968).  
hornbley = phosgenite, MR 23, 381 (1992).  
horn coal = bituminous coal, Dana 6th, 1022 (1892).  
horn cobalt = erythrite, MM 1, 85 (1877).  
Hornertz = chlorargyrite, Clark 300 (1993).  
Hornerz = chlorargyrite, Dana 6th, 158 (1892).  
Hornerzschwärze = acanthite, Hintze I.1, 437 (1899).  
hornesite = hörnesite, Aballain *et al.* 154 (1968); MR 39, 133 (2008)..  
hornesite-manganésifère = Mn-rich hörnesite, Aballain *et al.* 155 (1968).  
hornfarbsilber = chlorargyrite, Egleston 71 (1892).  
Hornfarbs-Silber = chlorargyrite, Dana 6th, 158 (1892).  
hornfels = red massive quartz-mogánite mixed-layer, Egleston 282 (1892).  
Hornkobold = asbolane, Haditsch & Maus 80 (1974).  
horn lead = phosgenite, Chester 123 (1896).  
horn lead ore = cerussite, Bukanov 228 (2006).  
horn-mangan = rhodonite ± rhodochrosite, Dana 6th, 380 (1892).  
horn-manganese = rhodonite ± rhodochrosite, Clark 300 (1993).  
horn mercury = calomel, Dana 6th, 153 (1892).  
horn ore = chlorargyrite, Egleston 71 (1892).  
Hornquecksilber = calomel, Hintze I.2, 2333 (1912).  
horn quicksilver = calomel, Dana 6th, 153 (1892).  
Hornsilber = chlorargyrite, Dana 6th, 158 (1892).  
Hornsilbererz = chlorargyrite, LAP 35(2), 23 (2010).  
Horn-Silfver = chlorargyrite, Dana 6th, 158 (1892).  
horn silver = chlorargyrite, Dana 6th, 158 (1892).  
Hornsinter = aragonite, Linck I.3, 3004 (1926).  
Hornstein (Hoffmann) = red massive quartz-mogánite mixed-layer ± hematite, Dana 6th, 189 (1892).  
Hornstein (?) = hornblende, Hintze II, 1193 (1893).  
Hornstein fusible = Ca-rich albite, de Fourestier 152 (1999).  
hornstone = red massive quartz-mogánite mixed-layer ± hematite, Dana 6th, 189 (1892).  
horobecuit = Bi-rich stibnite or Sb-rich bismutite, László 109 (1995).  
horobetsuite = Bi-rich stibnite or Sb-rich bismuthinite, AM 43, 623 (1958).  
horoclasius = zincite, Hintze I.2, 1895 (1908).  
Horomanit (IMA 2007-037) =  $\text{Fe}_6\text{Ni}_3\text{S}_8$ , Weiss 115 (2008).  
horse-flesh = cuprite, Hintze I.2, 1915 (1908).  
horse-flesh ore = bornite, Dana 6th, 77 (1892).  
horse's teeth = transparent topaz + white crust, Bukanov 78 (2006).  
horse-tooth ore = siderite, MR 42, 211 (2011).  
horsfordite = Sb-rich copper (slag), CM 44, 409, 1559 (2006).  
Horthonolith = Mg-Mn-rich fayalite, Doelter II.1, 720 (1914).  
hortonite = talc pseudomorph after pyroxene, Dana 6th, 363 (1892).  
hortonolite = Mg-Mn-rich fayalite, CM 15, 267 (1977).  
Horvathit-(Y) = horváthite-(Y), Weiss 115 (2008); MR 39, 133 (2008).  
hoschschildite = bindheimite pseudomorph after teallite ?, AM 51, 1280 (1966).  
hoshiite = Ni-bearing magnesite, CM 44, 1559 (2006).  
hosiit = Ni-bearing magnesite, László 109 (1995).  
hote on etranger dans le domaine du feu = pyroxene, Egleston 277 (1892).  
hot pink-red beryl = pezzottaite, GG 39, 284 (2003).

Hot Springs diamond = transparent quartz, AM 12, 385 (1927).  
Hot Springs-igyémánt = transparent quartz, László 95 (1995).  
houghite = hydrotalcite pseudomorph after spinel, AM 26, 303 (1941).  
hougite = hydrotalcite pseudomorph after spinel, Lacroix 114 (1931).  
houille = coal, Haüy IV, 459 (1822).  
houille bacillaire = lignite (low-grade coal), Egleston 217 (1892).  
houille éclatante = anthracite (coal), Egleston 217 (1892).  
houille grasse = bituminous coal, Thrush 554 (1968).  
houille maigre = bituminous coal, Thrush 554 (1968).  
houille papyracée = bitumen, Dana 6th, 1010 (1892).  
houille scapiforme = lignite (low-grade coal), de Fourestier 152 (1999).  
houille sèche = bituminous coal, Thrush 554 (1968).  
houillite = anthracite (coal), Chester 123 (1896).  
Housfil = vermiculite, Robertson 36 (1954).  
houttinerts = cassiterite, Council for Geoscience 786 (1996).  
hovahszit = erythrite + pitticite ?, László 109 (1995).  
hovaxite = erythrite + pitticite ?, MM 32, 960 (1961).  
Hövelit = sylvite, Kipfer 96 (1974).  
Hovelit = sylvite, Kipfer 96 (1974).  
Hövellit = sylvite, Dana 6th, 156 (1892).  
hovellite = sylvite, Aballain *et al.* 156 (1968).  
Hövillite = sylvite, Dana 6th, 1117 (1892).  
hovillite = sylvite or sylvanite, Aballain *et al.* 156 (1968).  
hovite = scarbroite ± halloysite-10Å or imogolite ?, Clark 301 (1993).  
howardite = Mg-rich clinoferrosilite + ferrosilite + anorthite (meteorite), MM 19, 63 (1920).  
howdenite = twinned cross-formed andalusite, MM 15, 422 (1910).  
Howdenith = twinned cross-formed andalusite, Haditsch & Maus 81 (1974).  
H<sub>3</sub>O-zeolite subfamily = synthetic H<sub>3</sub>O[(Al<sub>n</sub>Si<sub>p</sub>)O<sub>2(n+p)</sub>]·x(H<sub>2</sub>O,**M**), EJM 18, 345 (2006).  
HP-dickite = > 2 GPA, AM 95, 1117 (2010).  
hrbeckita = nontronite, de Fourestier 152 (1999).  
H-saponite = H-rich saponite, MM 35, 1075 (1966).  
H-sauconite = H-exchanged sauconite, AM 36, 801 (1951).  
hsiang-hua-shih = hsianghualite, AM 44, 1327 (1959).  
hsian-hua-shih = hsianghualite, Aballain *et al.* 156 (1968).  
hsieh jade = black jadeite, Webster & Anderson 955 (1983).  
hsihutsunite = Mg-rich rhodonite, MM 24, 611 (1937).  
hsi jade = colorless or black jadeite, Webster & Anderson 955 (1983).  
hsingchungite = xingzhongite, Mitchell 202 (1979).  
hsiu yen = green + white massive quartz, Webster & Anderson 955 (1983).  
H-smectite = H-exchanged smectite, ClayM 38, 127 (2003).  
H.S."Pyrax" = pyrophyllite, Robertson 19 (1954).  
H.S.V. = quartz + kaolinite + illite ?, Robertson 19 (1954).  
hsziangcsiangit = xiangjiangite, László 298 (1995).  
hszianghualit = hsianghualite, TMP VI, 199 (1999).  
hszifengit = xifengite, László 298 (1995).  
hszihucunit = Mg-rich rhodonite, László 110 (1995).  
hszilingolit = xilingolite, László 298 (1995).  
hszimengit = ximengite, László 298 (1995).  
hszinganit = hingganite-(Y), László 298 (1995).  
hszingcsungit = xingzhongite, László 298 (1995).  
hszingszaoit = Co-rich willemite, László 298 (1995).  
hszitiesananit = xitieshanite, László 298 (1995).

hte long sein = Cr-rich jadeite, JG 27, 321 (2001).  
huangheite = Huanghoite-(Ce), Nickel & Nichols 246 (1991).  
huangheite-(Ce) = Huanghoite-(Ce), Fleischer & Mandarino 86 (1991).  
Huanghoite = Huanghoite-(Ce), AM 72, 1042 (1987).  
Huangtongkuang = chalcopyrite, LAP 28(8), 47 (2003).  
Huangtsaoite = Hungchaoite, Chudoba EIII, 563 (1968).  
huanite = Juanite, MM 23, 630 (1934).  
Huantajaite = halite + chlorargyrite, MR 23, 241 (1992).  
Huantajayite = halite + chlorargyrite, Dana 7th II, 6 (1951).  
huascolite = galena + sphalerite?, Dana 6th, 51 (1892).  
hubeiite = hubeite, MR 38, 37 (2007).  
hubnerite = Hübnerite, Aballain et al. 156 (1968); MR 39, 133 (2008).  
hudsonite (Beck) = Hedenbergite, AM 73, 1131 (1988); Clark 302 (1993).  
hudsonite (Beck) = Hastingsite, AM 63, 1050 (1978).  
hueblinite = zoisite, Bukanov 100 (2006).  
huebnerite = Hübnerite, AM 9, 62 (1924).  
huegelite = Hügelite, Dana 7th II, 815 (1951); MM 36, 135 (1967).  
huehnerkobelite = alluaudite or ferroalluaudite, Fleischer 70 (1980).  
Huelvit = rhodochrosite + rhodonite ± tephroite, MM 13, 369 (1903).  
hüemulite = huemulite, PDF 18-1225.  
hueso = brown cassiterite, Novitzky 340 (1951).  
hueso de muerto = cervantite ± stibiconite, Hintze I.2, 1256 (1904).  
hugelite = Hügelite, Aballain et al. 156 (1968); MR 39, 133 (2008).  
hughelita = descloizite, de Fourestier 152 (1999).  
hughesite = unknown, IMA 2009-035.  
hühnerkobelite = alluaudite or ferroalluaudite, MM 43, 230 (1979).  
Huhnerkobelite = alluaudite or ferroalluaudite, Nickel & Nichols 246 (1991).  
hühnerobelite = alluaudite or ferroalluaudite, AM 42, 662 (1957).  
huile de naphte = petroleum, Des Cloizeaux II, 45 (1893).  
huile de pétrole = petroleum, Egleston 225 (1892).  
huile minérale commune = petroleum, Egleston 225 (1892).  
huiles de naphte = petroleum, Egleston 157 (1892).  
huiles de pétrole = petroleum, Egleston 157 (1892).  
hukkite = hakite, MM 43, 1061 (1980).  
hulla = anthracite (coal), Dana 6th, 1117 (1892).  
hullite (Hardman) = Mg-rich chamosite, Dana 6th, 662 (1892).  
hullite (Serdyuschenko) = nontronite, Chudoba EII, 558 (1954).  
humanthracite = anthracite (coal), Clark 302 (1993).  
Humanthrakon = anthracite (coal), Clark 302 (1993).  
humantracit = anthracite (coal), László 110 (1995).  
Humaosit = unknown coal constituent, Chudoba RII, 53 (1971).  
humate de chaux = pigotite, Egleston 157 (1892).  
humbelite = Ca-rich illite-2M<sub>2</sub>, MM 42, 525 (1978); PDF 25-649.  
humboldilite = Al-rich åkermanite, Clark 722 (1993).  
humboldite (Leonhard) = humboldtine, Clark 302 (1993).  
humboldite (Lévy) = datolite, de Fourestier 31 (1994).  
humboldtilite = Al-rich åkermanite, MM 30, 44 (1953).  
Humboldtilith Melilith = Al-rich åkermanite, Egleston 208 (1892).  
Humboldtite (Leonhard) = humboldtine, Dana 6th, 994 (1892).  
humboldtite (Lévy) = datolite, Dana 6th, 502 (1892).  
Humboltilith = Al-rich åkermanite, Kipfer 198 (1974).  
Huminit = sub-bituminous coal, Dana 6th, 1024 (1892).  
huminsaure Salze = O-rich hydrocarbon, Doelter IV.3, 810 (1931).

humite (Potonié) = coal, MM 24, 612 (1937).  
humite, type II = chondrodite, Dana 6th, 536 (1892).  
humite, type III = clinohumite, Dana 6th, 538 (1892).  
humite-OH = synthetic  $Mg_7(SiO_4)_3(OH)_2$ , AM 80, 639 (1995).  
Hummelkenstein = twinned pyrite, Kipfer 97 (1974).  
humming bird stone = orange-red gem opal-A, Bukanov 151 (2006).  
humoferrite = goethite, Chester 125 (1896).  
humogelite = organic, Clark 303 (1993).  
Humolit = coal, Clark 303 (1993).  
humosite = unknown coal constituent, MM 25, 631 (1940).  
humozit = unknown coal constituent, László 110 (1995).  
hümulit = huemulite, László 110 (1995).  
humus = coal, Egleston 157 (1892).  
humus acid =  $C_{46}H_{46}O_{25}$ , Dana 6th, 1117 (1892).  
humusgel = organic, Clark 303 (1993).  
humus lignite = lignite (low-grade coal), Egleston 217 (1892).  
Humussäure =  $C_{46}H_{46}O_{25}$ , Doelter IV.3, 815 (1931).  
Humussole =  $C_{46}H_{46}O_{25}$ , Hintze I.2, 2024 (1910).  
hunanijade = talc, László 116 (1995).  
Hunan jade = actinolite or jadeite + quartz or serpentine or talc, Webster & Jobbins 57 (1998).  
Hunchuneit = hunchunite, LAP 22(11), 71 (1997).  
Hundezähne = quartz, Hintze I.2, 1400 (1905).  
Hungarian cat's eye = asteriated quartz + green inclusion, AM 12, 389 (1927).  
Hungarian diamond = transparent quartz, Papp 60 (2006).  
Hungarian opal = opal-A, Pearl 236 (1964).  
Hungarian ruby = almandine, Papp 127 (2004).  
hungarischer Demant = transparent quartz, Papp 35 (2004).  
hungarischer rother Schörl = rutile, Papp 96 (2004).  
hungarischer Rubin = almandine, Papp 127 (2004).  
hungchiite = khamrabaevite, Mitchell 130 (1979).  
hungcsaoit = hungchaoite, László 110 (1995).  
hungcsiit = khamrabaevite, László 109 (1995).  
hungsaoit = hungchaoite, Chudoba RII, 53 (1971).  
hungshihite = hongshiite, Mitchell 130 (1979).  
hungsiit = hongshiite, László 109 (1995).  
hungtsaoite = hungchaoite, AM 50, 262 (1965).  
hunterite = halloysite-7Å + alunite, MM 23, 469 (1933).  
huntilite = dyscrasite + arsenic + stibarsen, LAP 14(7), 29 (1989).  
hunzaite = green gem pargasite, MM 48, 574 (1984).  
huotanijade = actinolite, László 116 (1995).  
H-uranospinite = trögerite, CM 42, 992 (2004).  
Huraulit = hureaulite, Chudoba RI, 30 (1939); [I.4,828].  
hurealite = hureaulite, Kostov & Breskovaska 191 (1989).  
huréaulite = hureaulite, MR 39, 134 (2008).  
hureaulite-lithique = Li-rich hureaulite, Aballain et al. 157 (1968).  
hureaultite = hureaulite, Back & Mandarino 93, 102 (2008).  
hurlbutita (Gagarin & Cuomo) = wurtzite-4H, AM 36, 639 (1951).  
huronite = K-Na-rich anorthite, Horváth 273 (2003).  
Hurréaulith = hureaulite, Kipfer 184 (1974).  
Husarenbänder = kochsándorite, LAP 32(11), 43 (2007).  
hushihaite = unknown, IMA 1986-049.  
Hussakit = xenotime-(Y), MM 13, 369 (1903).

hstkainit = kainite, de Fourestier 153 (1999).  
Hüttenbergit = löllingite, Dana 6th, 96 (1892).  
huttenbergite = löllingite, Aballain et al. 157 (1968).  
huttenlocher = Na-rich anorthite, AM 77, 275 (1992).  
Hüttenrach = arsenolite, Haditsch & Maus 81 (1974).  
Hüttenrauch = arsenolite, Hintze I, 1227 (1904).  
Hüttrauch = arsenolite, Haditsch & Maus 81 (1974).  
Huyssemit = Fe<sup>2+</sup>-rich boracite, Dana 6th, 880 (1892).  
H.V.A. = quartz + kaolinite + illite ?, Robertson 19 (1954).  
H.V.B. = quartz + kaolinite + illite ?, Robertson 19 (1954).  
hverlera = halloysite-10Å ?, Dana 6th, 696 (1892).  
H-vermiculite = vermiculite, MM 35, 1075 (1966).  
hversalt = halotrichite, Dana 6th, 954 (1892).  
Hversalz = halotrichite, Doelter IV.2, 545 (1927).  
Hvit Feltspat = albite, Clark 751 (1993).  
Hvit Kies = arsenopyrite, Clark 304 (1993).  
Hvitt anataslikt = zircon ?, Petersen & Johnsen 127 (2005).  
Hvittis = enstatite + anorthite (meteorite), MM 19, 60 (1920).  
Hvit Viktril = goslarite, Dana 6th, 939 (1892).  
hwanghite = huanghoite-(Ce), MM 39, 915 (1974).  
H.W.V. = quartz + kaolinite + illite ?, Robertson 19 (1954).  
hyacint = zircon or corundum or grossular or vesuvianite or harmotome or meionite, Zirlin 68 (1981).  
hyacinte = zircon, Dana 6th, 482 (1892).  
hyacinte blanche = harmotome, Dana 6th, 581 (1892).  
hyacinte blanche cruciform = twinned cross-formed harmotome, Dana 6th, 581 (1892).  
hyacinte blanche de la Somma = meionite, Dana 6th, 467 (1892).  
hyacinte de Vesuve = brown vesuvianite, Clark 304 (1993).  
hyacinte du Vésuve = brown vesuvianite, Dana 6th, 477 (1892).  
hyacintes blanches = meionite, Dana 6th, xliv (1892).  
hyacinte volcanique = vesuvianite, Dana 6th, 477 (1892).  
hyacinth = zircon or corundum or grossular or vesuvianite or harmotome or meionite, Chester 125 (1896).  
hyacinth blanche de la Somma = meionite, Egleston 158 (1892).  
hyacinth de Ceylon = grossular, Egleston 158 (1892).  
hyacinth de Vésuve = brown vesuvianite, Egleston 158 (1892).  
hyacinthe blanche cruciforme = twinned cross-formed harmotome, Haüy III, 142 (1822).  
hyacinthe blanche de la Somma = meionite, Haüy III, 75 (1822).  
hyacinthe brune des volcans = vesuvianite, de Fourestier 153 (1999).  
hyacinthe de Ceylon = grossular, Egleston 133 (1892).  
hyacinthe de Compostella = quartz + red hematite, Egleston 280 (1892).  
hyacinthe d'Haüy = almandine, de Fourestier 153 (1999).  
hyacinthe la bella = garnet or zircon, Egleston 133, 158 (1892).  
Hyacinthen von Compostela = quartz + red hematite, Kipfer 179 (1974).  
hyacinthe volcanique = vesuvianite, Des Cloizeaux I, 278 (1862).  
hyacinth garnet = Fe-rich grossular, Egleston 133 (1892).  
Hyacinthgranat = Fe-rich grossular, Clark 304 (1993).  
hyacinthine (Delametherie) = vesuvianite, Dana 6th, 477 (1892).  
hyacinthine (la Metherie) = meionite, Egleston 207 (1892).  
Hyacinth-Krystalle = vesuvianite, Dana 6th, 477 (1892).  
hyacinth la bella = zircon, Egleston 378 (1892).  
hyacinth of Compostella = quartz + red hematite, AM 12, 388 (1927).

hyacinth of Vesuvius = brown vesuvianite, Thrush 558 (1968).  
hyacinthoid = Fe-rich grossular, Clark 304 (1993).  
hyacinthos = blue gem Fe-Ti-rich corundum, Dana 6th, 210 (1892).  
hyacinthozontes = pale-blue beryl, Dana 6th, 407 (1892).  
hyacinth quartz = heated red-brown gem Fe<sup>3+</sup>-rich quartz, Thrush 558 (1968).  
hyacinth sapphire = red-orange asteriated gem corundum, Thrush 558 (1968).  
hyacinth-spinel = orange gem spinel, Clark 304 (1993).  
Hyacinthtopas = orange-red zircon, Clark 304 (1993).  
hyacinthus = blue gem Fe-Ti-rich corundum, AM 22, 683 (1937).  
hyacinthus dictus octodecahedricus = vesuvianite, Dana 6th, 477 (1892).  
Hyacinth vom Vesuv = vesuvianite, Kipfer 97 (1974).  
Hyacinth von Compostella = quartz + red hematite, Haditsch & Maus 81 (1974).  
hyacinth vraie = red-brown gem zircon, Clark 304 (1993).  
Hyacintozones = pale-blue beryl, Haditsch & Maus 81 (1974).  
hyacynthine = vesuvianite ?, MM 1, 86 (1877).  
hyaena = quartz, de Fourestier 158 (1999).  
hyakinthos = blue gem Fe-Ti-rich corundum, AM 22, 683 (1937).  
hyakinthus = blue gem Fe-Ti-rich corundum, AM 22, 683 (1937).  
hyalcalmanfersiloxite = piemontite, MM 19, 337 (1922).  
hyaline = blue opaque massive quartz, AM 12; 390, 395 (1927).  
Hyalit (Klaproth) = axinite, Chester 126 (1896).  
Hyalit (Werner) = colorless opal-CT, Dana 6th, 195 (1892).  
Hyalithe = red or brown or green or black glass, MM 39, 915 (1974).  
hyalloalophane = allophane + opal-CT, Bukanov 277 (2006).  
hyaloalophane = allophane + opal-CT, MM 12, 384 (1900).  
hyaloeides = colorless quartz, Bukanov 408 (2006).  
hyalomelan = tachylyte (lava), Dana 6th, 1049 (1892).  
hyalophane (Clark) = allophane + opal-CT, Clark 336 (1993).  
hyalophane (von Waltershausen) (intermediate) = Ba-rich orthoclase, MM 14, 395 (1907).  
Hyalosiderit = Fe<sup>2+</sup>-rich forsterite, Dana 6th, 452 (1892).  
hyalus rhombohedrus = transparent quartz, Dana 7th III, 250 (1962).  
Hyasint = zircon or corundum or grossular or vesuvianite or harmotome or meionite, Zirlin 67 (1981).  
hyazinth = zircon or corundum or grossular or vesuvianite or harmotome or meionite, Dana 6th; 467, 477, 482, 581 (1892).  
hyazinthen von Santiago de Compostela = quartz + hematite, Hintze I.2, 1402 (1905).  
Hyazinth Granat = Fe-rich grossular, Kipfer 97 (1974).  
Hyazinthin = vesuvianite, Kipfer 97 (1974).  
Hyacinthoid = Fe-rich grossular, Kipfer 97 (1974).  
Hyazinth Quarz = quartz + red hematite, Kipfer 179 (1974).  
Hyazinth-Spinell = orange gem spinel, Kipfer 97 (1974).  
Hyazinth-Topas = orange-red zircon, Kipfer 97 (1974).  
hybeite = unknown, MM 1, 86 (1877).  
hyblite (Ellsworth) = (OH)-rich thorite, AM 38, 1007 (1953).  
Hyblit (von Waltershausen) = nontronite + saponite, Clark 305 (1993).  
hyblite- $\alpha$  = white (OH)-rich thorite, AM 12, 372 (1927).  
hyblite- $\beta$  = yellow (OH)-rich thorite, AM 12, 372 (1927).  
hydosteatite = talc, de Fourestier 31 (1994).  
hyd-phosphate alumina = variscite or metavariscite ?, MM 1, 84 (1877).

hydragyros = mercury, de Fourestier 154 (1999).  
hydragyrum mineralisatum corneum = calomel, de Fourestier 154 (1999).  
hydragyrite (Bertrand) = montroydite ± calomel ± chloragyrite ?, Strunz & Nickel 786 (2001).  
hydralsite = donbassite, AM 39, 863 (1954).  
hydrargillite (Cleaveland) = gibbsite, AM 49, 224 (1964); CM 16, 116 (1978).  
hydrargillite (Davy) = wavellite, Dana 6th, 842 (1892).  
hydrargillite (Delam etherie) = aluminite, Clark 305 (1993).  
hydrargillite (Hausmann) = turquoise, Dana 6th, 844 (1892).  
hydrargillite de Schemnitz = aluminite, Egleston 158 (1892).  
hydrargyllite = gibbsite, Egleston 137 (1892).  
hydrargyllite = turquoise, Egleston 353 (1892).  
hydragyrite (Bertrand) = montroydite ± calomel ± chloragyrite ?, Dana 6th, 159 (1892).  
hydragyrite (Fr obel) = moschellandsbergite, MM 38, 993 (1972).  
Hydragyrit (Glocker) = calomel, Dana 7th II, 25 (1951).  
hydragyrite (?) = wavellite, Chester 126 (1896).  
hydragyrium = mercury, Strunz & Nickel 39 (2001).  
hydragyros = mercury, Dana 6th, 22 (1892).  
hydragyrum = mercury, Hintze I.1, 328 (1899).  
hydrate d'alumine = wavellite, Egleston 365 (1892).  
hydrated calcium-aluminic phosphate = CO<sub>2</sub>-rich fluorapatite, Dana 6th, 799 (1892).  
hydrated calcium oxalate = weddellite, Dana 7th II, 1101 (1951).  
hydrated cerous phosphate = churchite-(Y), Dana 6th, 820 (1892).  
hydrated deutoxide of manganese = manganite, Egleston 158 (1892).  
hydrated deutoxyd of manganese = manganite, Egleston 202 (1892).  
hydrate de magn esie = brucite, Clark 416 (1993).  
hydrate de silice = opal-CT, Egleston 238 (1892).  
hydrated halloysite = halloysite-10 , AM 23, 295 (1938).  
hydrated ilmenite = ilmenite + pseudorutile, MM 47, 201 (1983).  
hydrated iolite = muscovite pseudomorph after cordierite, Egleston 121 (1892).  
hydrated kaolinite = halloysite-10 , ECGA 5, 115 (2002).  
hydrated labradorite = Ca-rich marialite, MM 47, 251 (1983).  
hydrated metavauxite = oxidized metavauxite, MM 33, 1137 (1964).  
hydrated paravauxite = childrenite, AM 47, 1 (1962).  
hydrated oxygen apatite = hydroxylapatite, Dana 7th II, 879 (1951).  
hydrated talc = aliettite ?, MJJ 12, 41 (1984).  
hydrated titanite oxide = rutile, Dana 6th, 259 (1892).  
hydrate of alumina = diaspore, Egleston 105 (1892).  
hydrate of iron = goethite, Egleston 191 (1892).  
hydrate of magnesia = brucite, Dana 6th, 252 (1892).  
hydrate of nickel = zaratite, Dana 6th, 306 (1892).  
Hydratex = kaolinite, Robertson 20 (1954).  
hydratisches Eisensulfur = greigite ?, Dana 7th I, 236 (1944).  
hydratisches Eisensulf r = greigite ?, Doelter IV.1, 526 (1925).  
hydratisierte Eudialith = aqualite, LAP 32(11), 43 (2007).  
hydraulic limestone = compact calcite, Dana 6th, 267 (1892).  
hydraulischen Kalk = compact calcite, Tschermak 439 (1894).  
Hydrinphyllit = brucite, Hintze I.2, 2081 (1911).  
Hydrit family = zeolite, Hintze II, 1654 (1897).  
hydroallanite = allanite-(Ce), MM 27, 270 (1946).

hydro aluminate of lead = becquerelite + fourmarierite + others ?,  
Egleston 145 (1892).  
hydro aluminous lead = plumbogummite, Egleston 263 (1892).  
hydroamesite (Erdélyi *et al.*) = Al-bearing lizardite, AM 44, 1328 (1959);  
49, 223 (1964); 51, 1826 (1966).  
Hydroamesit (Strunz) = hypothetical serpentine  $Mg_2Al[(AlSi)O_5](OH)_4 \cdot 2H_2O$ ,  
Strunz 462 (1970).  
Hydroamphibol = hornblende + chlorite, MA 7, 446 (1940).  
hydroandradite = (OH)-rich andradite, AM 61, 26 (1976).  
hydroanthophyllite = taperssuatsiaite, Clark 305 (1993).  
hydroantigorit (Erdélyi *et al.*) = chrysotile- $2O_{c1}$  + talc + lizardite,  
BSFMC 85, 194 (1962).  
Hydroantigorit (Strunz) = hypothetical serpentine  $Mg_3[Si_2O_5](OH)_4 \cdot 2H_2O$ ,  
Strunz 462 (1970).  
hydroapatite (original spelling) = hydroxylapatite, Dana 6th, 768 (1892).  
hydroapatite (Pasero *et al.*) = hypothetical  $Ca_5[(PO_4)_2(SiO_4)](H_2O)$ , EJM  
22, 174 (2010).  
hydroascharite = szaibélyite, MM 39, 915 (1974).  
hydroastrophyllite =  $(H_3O)_3Fe_7Ti_2[Si_8O_{24}](OH)_4F$ , AM 60, 736 (1975).  
hydroauerlite = P-(OH)-rich thorite, AM 55, 1070 (1970); MM 38, 993  
(1972).  
hydrobiotite group (Johnson) = vermiculite + hydrobiotite, Clark 306  
(1993).  
hydrobismutite = bismutite, AM 28, 531 (1943).  
hydrobobomkulite = hydrombobomkulite, MM 50, 747 (1986).  
Hydroborocalcit = ulexite, Dana 7th II, 345 (1951).  
hydrobraunite = wad (pyrolusite  $\pm$  manganite  $\pm$  romanèchite  $\pm$   
cryptomelane), MM 24, 612 (1937).  
hydrobritholite = altered britholite-(Ce), MM 35, 1136 (1966).  
Hydrobuchholzit = sillimanite ?, Groth 172 (1898).  
Hydrobuchholzit = sillimanite ?, Dana 6th, 1037 (1892).  
hydrocalcite (Dana) = ikaite, Chester 127 (1896).  
hydrocalcite (Kosman) = monohydrocalcite + ikaite, MM 11, 328 (1897).  
hydrocalcite (Marschner) = monohydrocalcite, AM 55, 1069 (1970); MM 43,  
1055 (1980).  
hydrocalciumcarbonat = monohydrocalcite, Chudoba EIII, 143 (1965).  
Hydrocalciumorthophosphat = monetite, Doelter III.1, 385 (1914).  
hydrocancrinite = synthetic zeolite  $Na_2[(Al_2Si_2)O_8] \cdot H_2O$ , MM 29, 984  
(1952).  
hydrocarbonate d'aluminium et de sodium = dawsonite, Hintze I.2, 2806  
(1916).  
hydro carbonate de fer = altered siderite, Egleston 312 (1892).  
hydrocarbonate of magnesia = hydromagnesite, Dana 6th, 304 (1892).  
hydro-carbonate of zinc = hydrozincite, Dana 6th, 299 (1892).  
Hydro-Cassiterit =  $Fe^{3+}$ -(OH)-rich cassiterite, Strunz 198 (1970).  
hydrocastorite = stilbite + petalite + mica + quartz  $\pm$  montmorillonite,  
AM 45, 1136 (1960); 49, 223 (1964).  
hydrocatapleiite = altered catapleiite, MM 33, 1137 (1964); 36, 133  
(1967).  
hydrocatapleiite- $\alpha$  =  $NaHZr[Si_3O_9] \cdot 2H_2O$ , Deer *et al.* 1B, 365 (1986).  
hydrocatapleiite- $\beta$  =  $H_2Zr[Si_3O_9] \cdot 2H_2O$ , Deer *et al.* 1B, 368 (1986).  
hydrocatapleite = altered catapleiite, AM 49, 443 (1964); 50, 1141  
(1965).  
hydrocerite (Glocker 1831) = lanthanite-(Ce), MM 32, 961 (1961).

hydrocerite (Glocker 1847) = bastnäsite-(Ce), MM 32, 961 (1961).  
hydrocerite (Vlasov et al.) = karnasurtite-(Ce) pseudomorph after steenstrupine-(Ce), AM 47, 420 (1962); 49, 223 (1964).  
hydrocerussite = hydrocerussite, AM 9, 62 (1924).  
hydrocerussite (Cowley) = synthetic  $Pb_5O(OH)_2(CO_3)_3$ , Clark 307 (1993).  
hydrocervantite = stibiconite, MM 30, 734 (1955); AM 51, 1826 (1966).  
Hydrochalcidon = quartz-mogánite mixed-layer + water, Hintze I.2, 1496 (1906).  
Hydrochlor = pyrochlore, AM 62, 406 (1977).  
hydrochlorate de chaux = chlorocalcite, Egleston 81 (1892).  
hydrochlorbechilite = hydrochlorborite, MM 35, 1136 (1966).  
hydrochlorborate = hydrochlorborite, Nickel & Nichols 246 (1991).  
hydrochrysotile = chrysotile- $2M_{Cl}$  + lizardite, Papp 37 (2004).  
hydrociano = chalcocyanite, Aballain et al. 159 (1968).  
Hydrocinit = hydrozincite, Chester 127 (1896).  
hydroclinohumite = Ti-(OH)-rich clinohumite, AM 5, 136 (1920).  
hydroclinohumite titanifère = Ti-(OH)-rich clinohumite, MM 19, 342 (1922).  
hydro-clintonite = hypothetical  $D_3AlO_2MgSiO_4 \cdot 3H_2O$ , Dana 6th, 664 (1892).  
hydroconite = ikaite, Dana 7th II, 228 (1951).  
hydrocookeite = cookeite, MM 30, 735 (1955).  
hydrocordierite = cordierite, Clark 307 (1993).  
hydrocuprite = colloidal cuprite, AM 42, 115 (1957).  
hydrocyan = chalcocyanite, Dana 6th, 912 (1892).  
hydrocyanite = chalcocyanite, AM 37, 361 (1952); 72, 1039 (1987).  
hydrodelhaylite = hydrodelhayelite, Back & Mandarino 57 (2008).  
hydrodolomite = hydromagnesite  $\pm$  calcite, AM 31, 409 (1946).  
hydrodypingite = dypingite, Ciriotti et al. 63 (2009).  
Hydroendellit = halloysite- $10\text{\AA}$ , Chudoba EIII, 145 (1965).  
Hydroeuxenit = samarskite-(Y), Dana 7th I, 806 (1944).  
hydroferripyrophyllite = nontronite, AIPEA 26, 17 (1989).  
hydroferrite = goethite  $\pm$  ferrihydrite, Chester 128 (1896).  
Hydrofit =  $Fe^{2+}$ -Mn-rich antigorite, Chester 128 (1896).  
Hydrofluocerit = bastnäsite-(Ce), Dana 6th, 291 (1892).  
hydro-fluor-herderite = F-rich hydroxylherderite, MM 12, 384 (1900).  
hydrofluorite = HF gas, Dana 6th, 169 (1892).  
hydroforsterite = chrysotile, AM 25, 155 (1940).  
hydroforsterite cérolite = chrysotile or talc  $\pm$  aliettite, Caillère & Hénin 298 (1963).  
hydrofosterite = chrysotile, AM 25, 155 (1940).  
hydrofranklinite =  $Fe^{2+}$ -rich chalcophanite, Dana 7th I, 739 (1944).  
hydrogadolinite = gadolinite-(Y), MM 27, 270 (1946).  
hydrogarnet series = (OH)-rich grossular + katoite, BM 107, 605 (1984).  
hydrogedroitsite = montmorillonite- $17\text{\AA}$  ?, Clark 308 (1993).  
hydrogedroitizite = montmorillonite- $17\text{\AA}$  ?, MM 25, 631 (1940).  
Hydrogedroizit = montmorillonite- $17\text{\AA}$  ?, Chudoba EII, 161 (1954).  
hydrogen-autunite = chernikovite, MR 19, 249 (1988).  
hydrogen dickite = H-saturated dickite, CCM 26, 369 (1978).  
hydrogen feldspar = synthetic  $H[(Si_3Al)O_8]$ , MM 59, 15 (1995).  
hydrogenium = H, Kipfer 177 (1974).  
hydrogen maghemite =  $Fe^{2+}$ -(OH)-rich maghemite, AM 88, 1681 (2003).  
hydrogen montmorillonite = H-exchanged montmorillonite, CCM 21, 199 (1973).  
hydrogen-uranospinite = trögerite, AM 36, 322 (1951).

hydrogiobertite = hydromagnesite + calcite, AM 31, 409 (1946).  
Hydroglimmer = mica-smectite mixed-layer, Strunz 441 (1970).  
hydro-glockerite = schwertmannite, AM 7, 214 (1922).  
Hydrogoethit (Groth) = colloidal goethite, MM 12, 384 (1900).  
hydrogoethite (Krotov) = goethite + water, MA 9, 62 (1944).  
hydrogoethite (Zemyatchenskii) = lepidocrocite + water, Clark 308 (1993).  
Hydrogorum = mercury, LAP 25(6), 14 (2001).  
Hydrogöthit = goethite + water, MM 13, 369 (1903).  
hydrogothite = goethite + water, Aballain et al. 160 (1968).  
Hydrogranat series = (OH)-rich grossular + katoite, Chudoba EII, 162 (1954).  
Hydrograndit = (OH)-rich andradite, Chudoba EIII, 565 (1968).  
hydrogrenat series = (OH)-rich grossular + katoite, Aballain et al. 160 (1968).  
hydrogrossulaire series = (OH)-rich grossular + katoite, Aballain et al. 160 (1968).  
hydrogrossular series = (OH)-rich grossular + katoite, BM 107, 605 (1984).  
hydrogrossularite series = (OH)-rich grossular + katoite, AM 50, 897 (1965).  
hydrogrossular jade = (OH)-rich grossular, Bukanov 110 (2006).  
Hydrohaematit = Fe<sup>2+</sup>-(OH)-rich hematite, Dana 6th, 245 (1892).  
hydrohalloysite = halloysite-10Å, MM 25, 631 (1940); AM 49, 1157 (1964).  
Hydrohämatit = Fe<sup>2+</sup>-(OH)-rich hematite, Hintze I.2, 2014 (1910).  
hydrohamatite = Fe<sup>2+</sup>-(OH)-rich hematite, Aballain et al. 160 (1968).  
hydrohausmannite (Boldyrev) = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), MM 24, 612 (1937).  
hydrohausmannite (Feitknecht & Marti) = feitknechtite + hausmannite, AM 50; 1141, 1313 (1965).  
Hydrohauyn = hauyne, Chudoba EIII, 147 (1965).  
hydrohauyne = Na<sub>2</sub>SO<sub>4</sub>-deficient hauyne, MM 33, 1137 (1964).  
hydrohematite = Fe<sup>2+</sup>-(OH)-rich hematite, ZK 154, 69 (1981).  
hydro-herderite = hydroxylherderite, AM 63, 913 (1978).  
Hydrohetärolith = hydrohetaerolite, Chudoba EII, 164 (1954).  
hydrohetarolith = hydrohetaerolite, Aballain et al. 160 (1968).  
hydroheterolite = hydrohetaerolite, Winchell & Winchell 89 (1951).  
Hydroilmenit (Blomstrand) = pseudorutile, Dana 6th, 219 (1892).  
hydroilmenite (Flinter) = colloidal rutile, Clark 309 (1993).  
Hydrokalk Magnesit = hydromagnesite ± calcite, Egleston 159 (1892).  
Hydrokaolin = halloysite-10Å, MM 25, 631 (1940).  
hydrokassite = altered kassite, AM 52, 559 (1967); 54, 330 (1969).  
Hydro-Kassiterit = Fe-(OH)-rich cassiterite, LAP 21(1), 49 (1996).  
Hydrokastorit = stilbite + petalite + mica + quartz ± montmorillonite, Egleston 160 (1892).  
Hydrokatapleit = altered catapleiite, Chudoba EIII; 148 (1965), 565 (1968).  
hydrokazakovite = tisinallite, Pekov 212 (1998).  
hydrokenomicrolite = (□, H<sub>2</sub>O)<sub>2</sub>Ta<sub>2</sub>(O, OH)<sub>6</sub>(H<sub>2</sub>O), CM 48, 691 (2010).  
Hydrokenomikrolith = hydrokenomicrolite, LAP 46(3), 10 (2011).  
Hydroklinohumit = Ti-(OH)-rich clinohumite, Clark 309 (1993).  
Hydrokonit = ikaite, Chester 127 (1896).  
hydrokyanite = chalcocyanite, Dana 7th II, 429 (1951).  
Hydrolantanit = lanthanite-(La), Linck I.3, 3499 (1929).  
Hydrolanthanit = lanthanite-(La), Dana 6th, 302 (1892).

hydrolanthite = lanthanite-(La), Chester 128 (1896).  
hydrolanthite = lanthanite-(La), Clark 386 (1993).  
hydrolepidocrocite = lepidocrocite + water, MM 27, 270 (1946).  
Hydrolepidokrokit = lepidocrocite + water, Chudoba EII, 166 (1954).  
hydrolepidolite series = trilitronite + polyolithronite, MM 32, 961 (1961).  
hydrolite (Leman) = gmelinite, Dana 6th, 1117 (1892).  
hydrolite (Mackenzie) = opal-CT, MM 12, 384 (1900).  
hydrolithe = gmelinite, Dana 6th, 593 (1892).  
Hydrolomit = hydromagnesite ± calcite, Chudoba EII, 812 (1960).  
hydroloparite = loparite, MM 26, 337 (1943).  
hydromaghemite (Barrón et al.) = Fe<sup>2+</sup>-(OH)-rich maghemite, AM 88, 1679 (2003).  
hydromaghemite (Fersman & Shubnikova) = maghemite + water, Clark 310 (1993).  
hydromagnésie = hydromagnesite, Egleston 160 (1892).  
hydromagnésiorichterite = hypothetical amphibole Na<sub>3</sub>Mg<sub>5</sub>Si<sub>8</sub>O<sub>21</sub>(OH)<sub>3</sub>, MM 73, 959 (2009).  
hydromagnésit (von Kobell) = hydromagnesite ± calcite, Dana 6th, 306 (1892).  
Hydromagnetit = magnetite + water, Clark 310 (1993).  
hydromagniolite family = Mg-Si-O-H, MM 25, 631 (1940).  
Hydromagnocalcit = calcite + brucite or dolomite + hydromagnesite, Papp 38 (2004).  
Hydromagnocaliit = calcite + brucite or dolomite + hydromagnesite, Doelter IV.3, 1132 (1931).  
hydromagnolite family = Mg-Si-O-H, Caillère & Hénin 315 (1963).  
hydromanganite = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), MM 24, 612 (1937).  
Hydromanganocalcit = hydromagnesite ± calcite, Dana 6th, 306 (1892).  
hydromanganosite = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), MM 24, 612 (1937).  
Hydromarchit = Sn-O-H, Kipfer 98 (1974).  
Hydromeionite = hypothetical scapolite Ca<sub>4</sub>[(Al<sub>6</sub>Si<sub>6</sub>)O<sub>24</sub>](OH)<sub>2</sub>, Strunz & Nickel 787 (2001).  
hydromelanite = Ti-(OH)-rich andradite, Deer et al. 1A, 628 (1982).  
hydromélanothalite = synthetic Cu<sub>2</sub>(OH)<sub>2</sub>Cl<sub>2</sub>·H<sub>2</sub>O, Lacroix 120 (1931).  
hydromélanothallite = synthetic Cu<sub>2</sub>(OH)<sub>2</sub>Cl<sub>2</sub>·H<sub>2</sub>O, Dana 7th II, 77 (1951).  
hydromelilite = hydrated melilite + cebollite + juanite, MM 37, 959 (1970).  
Hydrometavauxit = oxidized metavauxite, MM 33, 1137 (1964).  
hydromica = illite, Dana 6th, 614 (1892).  
hydromica-Al = rectorite, MM 31, 952 (1958).  
hydromica-Mg = hydrobiotite, MM 31, 952 (1958).  
hydromicrolite = (H<sub>2</sub>O, □)<sub>2</sub>Ta<sub>2</sub>(O, OH)<sub>6</sub>(H<sub>2</sub>O), CM 48, 691 (2010).  
Hydromikrolith = hydromicrolite, LAP 46(3), 10 (2011).  
hydromolysite = synthetic FeCl<sub>3</sub>·6H<sub>2</sub>O, AM 51, 1551 (1966); MM 36, 1144 (1968).  
hydromontmorillonite = montmorillonite-17Å, MM 26, 337 (1943).  
hydromuscovite = illite, Dana 6th, 614 (1892).  
Hydromuskovit = illite, Strunz 441 (1970).  
hydronasturan = Pb-rich uraninite, AM 42, 442 (1957).  
hydronatrojarosite = natrojarosite, MM 37, 959 (1970).  
hydronatrolite = natrolite, Clark 311 (1993).

hydro-naujakasite = altered naujakasite, AM 53, 1778 (1968); MM 38, 103 (1971).  
Hydronephelin = natrolite + mica + analcime + clay, Doelter IV.3, 1132 (1931); [II.2,307].  
hydronephelite = natrolite + mica + analcime + clay, MR 21, 244 (1990).  
Hydronephelit-Spreustein = natrolite + mica + analcime + clay, Dana 6th, 609 (1892).  
hydroniccite = zaratite ?, Dana 6th, 1037 (1892).  
hydronickelmagnesite = zaratite + dolomite, Clark 311 (1993).  
hydroniojarosite = hydroniumjarosite, MM 35, 1137 (1966).  
hydronium alunite = synthetic  $(\text{H}_3\text{O})\text{Al}_3(\text{SO}_4)_2(\text{OH})_6$ , AM 92, 587 (2007).  
hydronium-fluormica = hypothetical  $(\text{H}_3\text{O})\text{Al}_2[(\text{Si}_3\text{Al})\text{O}_{10}]\text{F}_2$ , AM 76, 1563 (1991).  
hydronium gastunite = synthetic  $(\text{H}_3\text{O})_2(\text{UO}_2)_2[\text{Si}_5\text{O}_{13}] \cdot \text{H}_2\text{O}$ , AM 44, 1047 (1959).  
hydronium-hydroxlmica = hypothetical  $(\text{H}_3\text{O})\text{Al}_2[(\text{Si}_3\text{Al})\text{O}_{10}](\text{OH})_2$ , AM 76, 1566 (1991).  
hydronium-hydroxmica = hypothetical  $(\text{H}_3\text{O})\text{Al}_2[(\text{Si}_3\text{Al})\text{O}_{10}](\text{OH})_2$ , AM 76, 1566 (1991).  
hydronium jarosite = hydroniumjarosite, MR 39, 132 (2008).  
hydronium uranospinite = trögerite, CM 42, 992 (2004).  
hydronontronite = nontronite-17Å, MM 25, 631 (1940).  
hydronosean = vishnevite, Dana 6th, 1117 (1892).  
hydronoseane = vishnevite, Clark 311 (1993).  
hydroparagonite = Na-deficient paragonite (brammallite), AM 44, 1329 (1959).  
hydroparavauxite = childrenite, AM 47, 1 (1962).  
hydrophane = opal-A, Dana 6th, 195 (1892).  
hydrophane cuivreux = chrysocolla, Dana 6th, 699 (1892).  
Hydrophan-Halbopal = opal-CT, Hintze I.2, 1515 (1906).  
hydrophosphate = unknown, IMA 2003-082.  
hydrophosphate d'aluminium = gorceixite + svanbergite, Cornejo & Bartorelli 109 (2010).  
hydrophilite (Adam) = chlorocalcite, Dana 5th III, 25 (1882).  
Hydrophilit (Hausmann) = antarcticite or sinjarite, CM 44, 1559 (2006).  
hydrophillite = antarcticite or sinjarite, Dana 7th II, 41 (1951).  
hydrophite =  $\text{Fe}^{2+}$ -Mn-rich antigorite, AM 47, 783 (1962).  
hydrophlogopite = vermiculite, MM 12, 385 (1900).  
hydrophorsterite = chrysotile, MM 25, 631 (1940).  
hydrophylite = antarcticite or sinjarite ?, Clark 312 (1993).  
hydrophyllite (Dunning & Cooper) = antarcticite or sinjarite ?, AM 54, 1021 (1969).  
Hydrophyllit (Glocker) = brucite, Hintze I.2, 2081 (1911).  
Hydropit = rhodonite, Dana 6th, 378 (1892).  
hydroplumbite = hydrocerussite, MM 8, 201 (1889).  
hydropolyolithionite = altered polyolithionite, MM 32, 961 (1961).  
hydropsilomelane = aurorite ?, AM 64, 1227 (1979).  
Hydropyrit = altered marcasite or pyrite, Clark 312 (1993).  
hydropyrolusite = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), MM 24, 612 (1937).  
hydropyrope (Christie) = (OH)-rich pyrope, Deer et al. 1A, 654 (1982).  
hydropyrope (Nobes et al.) = hypothetical garnet  $\text{Mg}_3\text{Al}_2[\text{OH}]_{12}$ , AM 85, 1706 (2000).  
hydropyrophyllite = hypothetical  $(\text{H}_2\text{O})\text{Al}_2[\text{Si}_4\text{O}_{10}](\text{OH})_2$ , AM 76, 1563 (1991).

hydropyroxenoid subfamily = H-rich pyroxenoid, AM 75, 409 (1990).  
hydrorhodonite = nambulite ?, AM 58, 1112 (1973).  
hydrorinkite = rinkite, MM 37, 959 (1970); 43, 1055 (1980).  
hydrorinkolite = rinkite, MM 35, 1137 (1966).  
Hydrorodonit = nambulite ?, Clark 312 (1993).  
hydroroméite (questionable) = stibioroméite, AM 37, 982 (1952).  
hydrorutile = pseudorutile, Chester 129 (1896).  
Hydrosamarskit = altered samarskite-(Y), Dana 6th, 1037 (1892).  
hydroscarbroite (questionable) = Al-C-H-O, Strunz & Nickel 787 (2001);  
PDF 42-588.  
hydroscarbronite = hydroscarbroite, AM index 41-50, 153 (1968).  
hydrosericite = illite, MM 36, 1152 (1968); AM 54, 330 (1969).  
Hydroserizit = illite, Chudoba EIII, 567 (1968).  
hydroserpentine (Frank-Kamenetsky) = saponite ?, MM 32, 961 (1961).  
Hydroserpentin group (Strunz) = hypothetical  $G_3[T_2O_5](OH)_4 \cdot 2H_2O$ , MM 39,  
915 (1974).  
hydrosialite superfamily = clay, MM 25, 632 (1940).  
Hydrosiderit = goethite  $\pm$  ferrihydrite, Chester 130 (1896).  
hydrosilicate de cuivre = chrysocolla or diophtase, de Fourestier 156  
(1999).  
hydrosilicate of manganese = birnessite, Egleston 176 (1892).  
hydrosilicite (Kuh) = talc, Chester 130 (1896).  
hydrosilicite (von Waltershausen) = augite ?, MM 1, 86 (1877).  
hydrosilicite noir de Chile = chrysocolla, Egleston 83 (1892).  
hydrosilicite noir de Chili = chrysocolla, Egleston 160 (1892).  
Hydrosinkitt = hydrozincite, Zirlin 67 (1981).  
hydrosodalite (Vlasov et al.) = (OH)-rich sodalite, AM 45, 1131 (1960);  
49, 223 (1964).  
hydrosodalite (Wyart & Michel-Lévy) = synthetic  
 $Na_8[(Al_6Si_6)O_{24}][(OH)_2,CO_3]$ , AM 45, 1131 (1960).  
hydro-sodium-magnesio-cummingtonite = synthetic amphibole  
 $Na_3Mg_5[Si_8O_{21}(OH)](OH)_2$ , EJM 1, 538 (1989).  
hydrosteatite = talc, Dana 6th, 679 (1892).  
hydrosulfate d'alumine = aluminite, Dana 7th II, 600 (1951).  
hydrosulphate d'alumine = aluminite, Dana 6th, 970 (1892).  
hydrosyalite superfamily = clay, MM 25, 632 (1940).  
hydrotachilite = Na-rich anorthite, de Fourestier 156 (1999).  
Hydrotachylyt = tachylyte (lava), Egleston 336 (1892).  
hydrotalc = clinocllore, Dana 6th, 650 (1892).  
hydrotalcite-2H = manasseite, CM 16, 116 (1978).  
Hydrotalk = brucite, Hintze I.2, 2081 (1911).  
Hydrotalkit (original spelling) = hydrotalcite, Dana 6th, 256 (1892).  
Hydrotefroit = Mg-rich tephroite, Dana 6th, 458 (1892).  
hydroténorite = colloidal tenorite + chrysocolla + water, Dana 7th I, 510  
(1944).  
hydrotephroite = Mg-H<sub>2</sub>O-rich tephroite, Dana 6th, 458 (1892).  
hydrothenardite = thenardite + blödite, Clark 313 (1993).  
hydrothionit = H<sub>2</sub>S natural gas, MM 25, 632 (1940).  
hydrothomsonite = thomsonite-Ca, MM 15, 422 (1910).  
hydrothorite = (OH)-rich thorite, AM 38, 1007 (1953).  
hydrotitanite = anatase pseudomorph after perovskite, Dana 7th I, 587  
(1944).  
hydrotite = gmelinite, Chester 131 (1896).  
hydrotrisulfate d'alumine = alunogen, Dana 6th, 958 (1892).

hydrotroilite = greigite ?, Clark 314 (1993).  
hydro-tschermakite = tschermakite, MM 38, 394 (1971).  
hydrougrandite = (OH)-rich andradite, AM 50, 2100 (1965); 51, 1825 (1966).  
hydrous aluminate of lead = plumbogummite, Egleston 161 (1892).  
hydrous andradite = (OH)-rich andradite, Clark 305 (1993).  
hydrous anthophyllite = anthophyllite or actinolite or taperssuatsiaite, Clark 314 (1993).  
hydrous antimonite = stibiconite + valentinite, Dana 6th, 203 (1892).  
hydrous apatite = hydroxylapatite, Egleston 161 (1892).  
hydrous augite = augite, MM 1, 85 (1877).  
hydrous bibasic arsenate of nickel and cobalt = arsenolite + Co-rich annabergite, Dana 6th, 834 (1892).  
hydrous borate of lime = ulexite, Dana 7th II, 345 (1951).  
hydrous borate of lime and magnesia = hydroboracite, Dana 6th, 889 (1892).  
hydrous bucholzite = sillimanite ?, Clark 306 (1993).  
hydrous calcium carbonate = ikaite ± monohydrocalcite ?, Dana 6th II, 54 (1909).  
hydrous calcium titanate = kassite, Pekov 111 (1998).  
hydrous carbonate of lime = ikaite, Egleston 159 (1892).  
hydrous carbonate of Mn = wiserite, Clark 755 (1993).  
hydrous diallage = serpentine pseudomorph after pyroxene, Dana 6th, 364 (1892).  
hydrous dichroite = cordierite, de Fourestier 157 (1999).  
hydrous diphosphate of alumina and magnesia = lazulite, Egleston 184 (1892).  
hydrous ferric oxide = ferrihydrite, AM 85, 1180 (2000).  
hydrous iolite = muscovite pseudomorph after cordierite, Chester 130 (1896).  
hydrous iron phosphate = strengite or phosphosiderite ?, Dana 6th II, 54 (1909).  
hydrous mica = illite, ClayM 27, 353 (1992).  
hydrous muscovite = illite, Chester 130 (1896).  
hydrous oxide of iron = goethite, Egleston 191 (1892).  
hydrous oxide of manganese = manganite, Egleston 202 (1892).  
hydrous phosphate of copper = pseudomalachite, Egleston 271 (1892).  
hydrous pyrites = marcasite or pyrite, Chester 130 (1896).  
hydrous silica = opal, Rutley 110 (1900).  
hydrous steatite = saponite, Egleston 161 (1892).  
hydrovermiculite = vermiculite, Clark 314 (1993).  
hydrovesuvianite = vesuvianite, AM 53, 1427 (1968).  
hydrowillemite = hemimorphite, de Fourestier 157 (1999).  
hydrowollastonite family = tobermorite + riversideite + plombièreite, MM 18, 381 (1919).  
hydrox-aluminum-montmorillonite = (OH)-Al-exchanged montmorillonite, CCM 26, 107 (1978).  
hydroxyapatite = hydroxylapatite, MM 74, 341 (2010).  
hydroxbraunite = wad (pyrolusite ± manganite ± romanèchite ± cryptomelane), MM 24, 612 (1937).  
hydroxhauyne = synthetic  $\text{Na}_4[(\text{Si}_3\text{Al}_3)\text{O}_{12}](\text{OH})$ , CM 10, 355 (1970).  
hydroxhauyne = synthetic  $\text{Na}_4[(\text{Si}_3\text{Al}_3)\text{O}_{12}](\text{OH})$ , Deer et al. 1B, 317 (1986).  
hydroxide montmorillonite = montmorillonite, AM 54, 1625 (1969).  
hydroxidepearlite = goethite ?, Uytendogaardt & Burke 129 (1985).

Hydroxidsodalith = synthetic  $\text{Na}_8[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$ , MM 35, 1137 (1966).  
 hydroxilherderite = hydroxylherderite, Godovikov 164 (1997).  
 hydroxy-Al-montmorillonite = (OH)-Al-exchanged Na-rich montmorillonite, CCM 28, 435 (1980).  
 hydroxy-Al-smectite = (OH)-Al-exchanged Na-rich montmorillonite, ClayM 36, 81 (2001).  
 hydroxy-alumino-titanite = hypothetical  $\text{CaAl}(\text{SiO}_4)(\text{OH})$ , AM 87, 875 (2002).  
 hydroxy-aluminum-hectorite = (OH)-Al-exchanged hectorite, CCM 32, 407 (1984).  
 hydroxy-amphibole subgroup =  $\text{D}_{0 \rightarrow 1}(\text{E} \leftrightarrow \text{G})_2\text{G}'_3\text{G}''_2[\text{T}_4\text{O}_{11}]_2(\text{OH})_2$ , AM 20, 547 (1935).  
 hydroxy-apatite = hydroxylapatite-*H*, MM 25, 632 (1940).  
 hydroxyapophyllite = apophyllite-(KOH), MR 39, 132 (2008).  
 Hydroxyascharit = H-rich szaibélyite, Chudoba EIII, 568 (1968).  
 hydroxybraunite = wad (pyrolusite  $\pm$  manganite  $\pm$  romanèchite  $\pm$  cryptomelane), MM 24, 612 (1937).  
 hydroxybuengerite = hypothetical tourmaline  $\text{NaFe}_3\text{Al}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}]\text{O}_3(\text{OH})$ , Deer *et al.* 1B, 582 (1986).  
 hydroxycalciobetafite = oxycalciobetafite or oxyuranobetafite, LAP 36(4), 10 (2011).  
 hydroxycubanite = hypothetical  $\text{CuFeS}_3(\text{OH})_2$ , AM 68, 251 (1983).  
 hydroxyde-de-nickel = theophrastite, Aballain *et al.* 163 (1968).  
 hydroxyde ferrique = ferrihydrite, Géochronique 112, 33 (2009).  
 Hydroxyd-Sodalith = synthetic  $\text{Na}_8[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$ , MM 28, 731 (1949).  
 hydroxy-edenite = edenite, AM 55, 1983 (1970).  
 hydroxy-ferri-titanite = hypothetical  $\text{CaFe}(\text{SiO}_4)(\text{OH})$ , AM 87, 875 (2002).  
 hydroxy-feruvite = hypothetical tourmaline  $\text{CaFe}_3(\text{MgAl}_5)(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_4$ , EJM 11, 209 (1999).  
 hydroxyfluorapatite = F-rich hydroxylapatite, English 107 (1939).  
 hydroxygarnet group = (OH)-rich garnet, Strunz & Nickel 542 (2001).  
 hydroxy interlayered vermiculite = mica-vermiculite mixed-layer, ClayM 35, 827 (2000).  
 Hydroxykenomikrolith = hydroxykenomicrolite, LAP 36(4), 10 (2011).  
 Hydroxykenopyrochlor = zero-valent-dominant pyrochlore, LAP 36(4), 10 (2011).  
 Hydroxykeramohalit = alunogen ? MM 31, 962 (1958).  
 hydroxylacharite = H-rich szaibélyite, MM 36, 1152 (1968).  
 Hydroxylalunogen = alunogen ? Papp 39 (2004).  
 hydroxyl-annite = annite, MM 24, 612 (1937).  
 hydroxylapatite = hydroxylapatite-*H*, EJM 22, 165 (2010).  
 hydroxylarfvedsonite = arfvedsonite, Godovikov 123 (1997).  
 hydroxyl-ascharite = H-rich szaibélyite, AM 51, 1818 (1966); 54, 330 (1969).  
 hydroxylbastanaesite-(Ce) = hydroxylbastnäsité-(Ce), MJJ 17, 355 (1995).  
 hydroxyl-bastnaesite = hydroxylbastnäsité-(Ce), AM 50, 805 (1965).  
 hydroxyl-bastnaesite-(La) = hydroxylbastnäsité-(La), AM 71, 1277 (1986).  
 hydroxyl-bastnaesite-(Nd) = hydroxylbastnäsité-(Nd), MM 49, 717 (1985).  
 hydroxylbästnäsité = hydroxylbastnäsité-(Ce), Roberts *et al.* 389 (1990).  
 hydroxyl-bastnäsité = hydroxylbastnäsité-(Ce), AM 72, 1042 (1987); MR 39, 132 (2008).  
 hydroxyl-bastnasite = hydroxylbastnäsité-(Ce), Aballain *et al.* 163 (1968).

hydroxylbastnäsité-(Ce) =  $\text{Ce}(\text{CO}_3)(\text{OH})$ , AM 72, 1042 (1987); MR 39, 132 (2008).

hydroxylbastnäsité-(La) =  $\text{La}(\text{CO}_3)(\text{OH})$ , AM 71, 1277 (1986).

hydroxyl-biotite = Fe-rich phlogopite, MM 24, 612 (1937).

hydroxylbritholite-(Ce) = britholite-(Ce), Dana 8th, 1100 (1997).

hydroxylbritholite-(Y) = britholite-(Y), Dana 8th, 1100 (1997).

hydroxyl-carbonate apatite =  $\text{CO}_3$ -rich hydroxylapatite, MM 71, 509 (2007).

hydroxylcarbonate-(La) = hydroxylbastnäsité-(La), CM 44, 1559 (2006).

hydroxylcarbonate-(La,Nd) = hydroxylbastnäsité-(La), MA 49, 3007 (1998).

hydroxylcarbonate-(Nd) = hydroxylbastnäsité-(Nd), CM 44, 1559 (2006).

hydroxyl-chlorapatite = (OH)-rich chlorapatite, MM 61, 719 (1997).

hydroxyl-chondrodite = synthetic  $\text{Mg}_5[\text{SiO}_4]_2(\text{OH})_2$ , Deer *et al.* 1A, 402 (1982).

hydroxyleckermannite = eckermannite, Godovikov 123 (1997).

hydroxy-lepidolite = synthetic mica  $\text{K}(\text{Li},\text{Al})_3[(\text{Si},\text{Al})_4\text{O}_{10}](\text{OH})_2$ , AM 53, 1493 (1968).

hydroxyl-fluorapatite = (OH)-rich fluorapatite, Dana 7th II, 884 (1951).

hydroxylhedyphane = hypothetical  $\text{Ca}_2\text{Pb}_3(\text{AsO}_4)_3(\text{OH})$ , EJM 22, 165 (2010).

hydroxyl-herderite = hydroxylherderite, MR 39, 132 (2008).

hydroxy-liddicoatite = hypothetical tourmaline  $\text{Ca}(\text{Li}_2\text{Al})\text{Al}_6(\text{BO}_3)_3[\text{Si}_6\text{O}_{18}](\text{OH})_4$ , EJM 11, 209 (1999).

hydroxylkerderite = hydroxylherderite, MA 49, 4175 (1998).

Hydroxylklinohumit = hydroxylclinohumite, LAP 25(4), 37 (2000).

hydroxyllepidolite = synthetic mica  $\text{K}(\text{Li},\text{Al})_3[(\text{Si},\text{Al})_4\text{O}_{10}](\text{OH})_2$ , Godovikov 131 (1997).

hydroxyl-lepidomelane = F-free biotite, MM 24, 612 (1937).

hydroxylmagnesoriebeckite = magnesoriebeckite, Godovikov 123 (1997).

hydroxylmattheddleite = hypothetical  $\text{Pb}_5(\text{SiO}_4)_{1.5}(\text{SO}_4)_{1.5}(\text{OH})$ , EJM 22, 165 (2010).

hydroxyl-meroxene = biotite, MM 24, 612 (1937).

hydroxylmuscovite = muscovite, Godovikov 117 (1997).

hydroxyl norbergite = synthetic  $\text{Mg}_3[\text{SiO}_4](\text{OH})_2$ , Deer *et al.* 1A, 406 (1982).

hydroxyloclinohumite = hydroxylclinohumite, Ferraris *et al.* 25 (2004).

hydroxylpargasite = pargasite, Godovikov 122 (1997).

hydroxyl-phlogopite = phlogopite, MM 24, 612 (1937).

hydroxylphosphabismite =  $\text{Bi}_2(\text{PO}_4)(\text{OH})_3$ , Godovikov 168 (1997).

hydroxylphosphohedyphane = hypothetical  $\text{Ca}_2\text{Pb}_3(\text{PO}_4)_3(\text{OH})$ , EJM 22, 165 (2010).

Hydroxylpyromorphit = synthetic apatite  $\text{Pb}_5(\text{PO}_4)_3(\text{OH})$ , MM 33, 1138 (1964).

hydroxylriebeckite = riebeckite, Godovikov 123 (1997).

hydroxylrichterite = richterite, Godovikov 123 (1997).

hydroxyl-siderophyllite = F-free siderophyllite, MM 24, 612 (1937).

hydroxylsodalite = synthetic  $\text{Na}_8[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$ , MM 28, 731 (1949).

hydroxylsodalite- $\beta$  = synthetic  $\text{Na}_8[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$ , Deer *et al.* IV, 293 (1963).

hydroxylsulfobismite =  $\text{Bi}_2(\text{SO}_4)(\text{OH})_4$ , Godovikov 183 (1997).

hydroxylsvabite = johnbaumite, EJM 22, 174 (2010).

hydroxyl-szábelyite = H-rich szaibélyite, Clark 315 (1993).

hydroxyl-szábelyite = H-rich szaibélyite, MA 18, 126 (1967); AM 54, 330 (1969).

hydroxyltetraferriphlogopite = tetraferriphlogopite, Godovikov 118 (1997).

hydroxyl-thorite = (OH)-rich thorite, USGSB 1250, 39 (1967).

Hydroxyltopas = synthetic  $\text{Al}_2[\text{SiO}_4](\text{OH})_2$ , MM 30, 735 (1955).  
 hydroxyl-topaz = synthetic  $\text{Al}_2[\text{SiO}_4](\text{OH})_2$ , MM 30, 735 (1955).  
 hydroxyl tremolite = tremolite, AM 58, 879 (1973).  
 hydroxylvesuvianite = hypothetical, MP 36, 51 (2005).  
 hydroxyl vishnevite = hydroxycancrinite, AM 73, 927 (1988).  
 hydroxylwagnerite (IMA 2004-009) =  $\text{Mg}_2(\text{PO}_4)(\text{OH})$ , Ciriotti *et al.* 147 (2009).  
 hydroxylzinnwaldite = mica  $\text{K}(\text{LiFeAl})[(\text{Si}_3\text{Al})\text{O}_{10}](\text{OH})_2$ , Godovikov 131 (1997).  
 hydroxy-magnesiotremolite = tremolite, AM 55, 1983 (1970).  
 hydroxymarialite = hypothetical scapolite  $\text{Na}_4[(\text{Al}_3\text{Si}_9)\text{O}_{24}](\text{OH})$ , Clark 316 (1993).  
 hydroxymeionite = hypothetical scapolite  $\text{Ca}_4[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$ , Clark 316 (1993).  
 hydroxy-Mg-montmorillonite = (OH)-Mg-exchanged Na-rich montmorillonite, CCM 28, 435 (1980).  
 hydroxy-mica subfamily =  $\text{DG}_{2,3}[\text{T}_4\text{O}_{10}](\text{OH})_2$ , Deer *et al.* III, 44 (1962).  
 hydroxy mimetite = synthetic  $\text{Pb}_5(\text{AsO}_4)_3(\text{OH})\cdot\text{H}_2\text{O}$ , MM 21, 566 (1928).  
 hydroxy-Ni-montmorillonite = (OH)-Ni-exchanged Na-rich montmorillonite, CCM 28, 435 (1980).  
 hydroxy-petscheckite = oxidized hydrated petscheckite, AM 63, 943 (1978).  
 hydroxy-petschekite = oxidized hydrated petscheckite, MM 43, 1061 (1980).  
 hydroxy-phlogopite = phlogopite, Deer *et al.* III, 45 (1962).  
 hydroxy-richterite = richterite, EJM 5, 462 (1993).  
 hydroxysodalite = synthetic zeolite  $\text{Na}_8[(\text{Al}_6\text{Si}_6)\text{O}_{24}](\text{OH})_2$ , MJJ 15, 331 (1991).  
 hydroxy-topaz = synthetic  $\text{Al}_2[\text{SiO}_4](\text{OH})_2$ , MM 46, 519 (1982).  
 hydroxy-tremolite = tremolite, Deer *et al.* II, 255 (1963).  
 Hydroxywagnerit = hydroxylwagnerite, Weiss 119 (2008).  
 hydroxy-zirconium-montmorillonite = (OH)-Zr-exchanged Na-rich montmorillonite, CCM 27, 119 (1979).  
 hydroxy-Zr-montmorillonite = (OH)-Zr-exchanged Na-rich montmorillonite, CCM 27, 120 (1979).  
 Hydrozinkit (original spelling) = hydrozincite, Dana 6th, 299 (1892).  
 hydrozircon = (OH)-rich zircon, MM 33, 1138 (1964).  
 Hydrozirkon = (OH)-rich zircon, MM 33, 1138 (1964).  
 hydrozunyite = synthetic (OH)-rich zunyite, MM 40, 908 (1976).  
 hylmite = tapiolite-(Fe) + pyrochlore ?, AM 49, 224 (1964).  
 Hygrophilit = illite pseudomorph after feldspar, Dana 6th, 622 (1892).  
 hyomelan = tachylyte (lava), Dana 6th, 1117 (1892).  
 hypargyrite = miargyrite, Dana 6th, 116 (1892).  
 Hypargyron-Blende = miargyrite, Dana 6th, 116 (1892).  
 hypercinabre = hypercinnabar, de Fourestier 158 (1999).  
 Hypercinnabarit = hypercinnabar, Weiss 115 (1994).  
 hypergenic sodium phosphate = dorfmanite, Pekov 76 (1998).  
 hyperite = Fe-rich enstatite or Mg-rich ferrosilite, Egleston 161 (1892).  
 hyper-muscovite = hypothetical mica  $\text{KAl}_3[\text{Al}_4\text{O}_{10}](\text{OH})_2$ , MM 68, 654 (2004).  
 hyperoranite = K-rich anorthite + Ca-rich orthoclase, MM 24, 612 (1937).  
 hyperperthite = K-rich albite  $\pm$  Na-rich orthoclase, MM 24, 612 (1937).  
 Hypersten = Fe-rich enstatite or Mg-rich ferrosilite, Zirlin 69 (1981).  
 hyperstheen = Fe-rich enstatite or Mg-rich ferrosilite, Zirlin 68 (1981).  
 Hypersthenaugit = pigeonite, Clark 316 (1993).  
 hypersthène = Fe-rich enstatite or Mg-rich ferrosilite, AM 73, 1131 (1988).

hypersthene- $\beta$  = Fe-rich enstatite, Winchell & Winchell 407 (1951).  
hypersthene-hedenbergite = pigeonite, Clark 316 (1993).  
hypersthene-hedenburgite = pigeonite, MM 15, 420 (1910).  
Hypersthenhedenbergit = pigeonite, Clark 316 (1993).  
hypersthenite = Fe-rich enstatite, Dana 5th I, 1 (1882).  
hyperstrontioapatite = stronadelphite, IMA 2008-009.  
hyperthene = Fe-rich enstatite or Mg-rich ferrosilite, CM 39, 1504 (2001).  
hyperthite = K-rich albite + Na-rich orthoclase, MM 24, 612 (1937).  
Hyperythrin = Ag-rich gold, MM 38, 993 (1972).  
Hypochlorid = bismutoferrite  $\pm$  chapmanite + quartz, LAP 26(12), 18 (2001).  
Hypochlorit = bismutoferrite  $\pm$  chapmanite + quartz, AM 43, 656 (1958).  
Hypodesmin = stilbite, Hintze II, 1814 (1897).  
hypoleimme = pseudomalachite, Egleston 271 (1892).  
hypo-oranite = Ca-rich orthoclase + K-rich anorthite, MM 24, 612 (1937).  
hypoperthite = Na-rich orthoclase + K-rich albite, MM 24, 612 (1937).  
hyposclerite = albite, Dana 6th, 330 (1892).  
Hyposiderit = goethite  $\pm$  ferrihydrite, MM 16, 363 (1913).  
Hyposklerit = albite, Dana 6th, 328 (1892).  
hypostatite = pseudorutile, Chester 131 (1896).  
hypostilbite (Beudant) = stilbite, Dana 6th, 583 (1892).  
hypostilbite (Mallet) = laumontite, Egleston 183 (1892).  
hyposulfitsodalith = synthetic sodalite, Doelter IV.3, 1133 (1931); [II.2,280].  
hyposulphite of magnesia = meteorite, MM 1, 86 (1877).  
hypothetical phosphate = schoderite, Egleston 136 (1892).  
Hypotyphit = arsenolamprite, Dana 6th, 12 (1892).  
Hypoxanthit = halloysite-10 $\text{\AA}$  + goethite  $\pm$  ferrihydrite, Clark 317 (1993).  
hyropyrolusite = pyrolusite  $\pm$  manganite  $\pm$  romanèchite  $\pm$  cryptomelane, Strunz & Nickel 788 (2001).  
hystatique = calcite, MM 1, 86 (1877).  
hystatischer Monophan = orthoclase, Clark 468 (1993).  
hystatisches Eisenerz = pseudorutile, Dana 6th, 217 (1892).  
Hystatit = pseudorutile, Dana 6th, 218 (1892).  
hyttsjoeite = hyttsjöite, PDF 49-1825.  
hyttsjoite = hyttsjöite, Dana 8th, 1721 (1997); MR 39, 133 (2008).  
H-zeolite subfamily = synthetic  $\text{H}[(\text{Al}_n\text{Si}_p)\text{O}_{2(n+p)}] \cdot x(\text{H}_2\text{O}, \mathbf{M})$ , EJM 18, 345 (2006).  
H-ZSM-5 = H-exchanged mutinaite, ClayM 46, 189 (2011).