

X.-415 or X.-427 = montmorillonite, Robertson 35 (1954).
Xalciotalk = clintonite, Clark 761 (1993).
xalostocite = pink grossular, MM 14, 413 (1907).
xanharsenite = Sb-rich sarkinite, Dana 6th, 796 (1892).
xanthe = massive quartz + goethite, Dana 7th III, 226 (1962).
xanthearsenite = Sb-rich sarkinite, Clark 761 (1993).
xanthitane = anatase pseudomorph after titanite, Dana 7th I, 587 (1944).
xanthitanite = anatase pseudomorph after titanite, Dana 7th I, 587 (1944).
xanthite = yellow Mn-rich vesuvianite, Dana 6th, 477 (1892).
xanthoarsenite = Sb-rich sarkinite, Dana 6th, 796 (1892).
xanthochroite = colloidal greenockite, AM 3, 158 (1918).
xanthocone = xanthoconite, Chester 290 (1896).
xanthocroite = colloidal greenockite, de Fourestier 59 (1994).
xanthofilita = clintonite, de Fourestier 381 (1999).
Xanthokon (original spelling) = xanthoconite, Dana 6th, 149 (1892).
Xanthokonit = xanthoconite, Doelter IV.1, 254 (1925).
xantholite (Heddle) = kaolinite, Clark 761 (1993).
xantholite (Nuttall) = Mn-Al-rich andradite, Clark 761 (1993).
Xanthophyllit = clintonite, AM 52, 1122 (1967).
xanthopyllite = clintonite, AM 32, 265 (1947).
xanthopyrites = pyrite, Dana 6th, 84 (1892).
xanthorite = yellow H₂O-rich allanite-(Y), USGSB 1250, 51 (1967).
Xanthorthit = yellow H₂O-rich allanite-(Y), Dana 6th, 522 (1892).
Xanthosiderit (Glocker) = copiapite, Dana 6th, 964 (1892).
Xanthosiderit (Schmid) = goethite ± ferrihydrite, Dana 6th, 251 (1892).
Xanthotitan = anatase pseudomorph after titanite, MM 12, 393 (1900).
Xanthotitanit = anatase pseudomorph after titanite, Hintze II, 1635 (1897).
Xanthoxen (original spelling) = xanthoxenite, AM 6, 68 (1921).
xanthoxenite (Laubmann & Steinmetz) = Ca-rich stewartite, Clark 762 (1993).
xanthus = green + yellow gem quartz, MM 33, 1156 (1964).
xantiosiet = xanthiosite, Council for Geoscience 786 (1996).
xantiozit = xanthiosite, László 298 (1995).
xantit = vesuvianite, László 298 (1995).
Xantitan = anatase pseudomorph after titanite, Haditsch & Maus 241 (1974).
Xantitanit = anatase pseudomorph after titanite, Haditsch & Maus 241 (1974).
xantoarsenita = Sb-rich sarkinite, Novitzky 367 (1951).
xantoarzenit = Sb-rich sarkinite, László 298 (1995).
xantocroita = colloidal greenockite, Novitzky 367 (1951).
xantofilita = clintonite, Novitzky 367 (1951).
xantofillite = clintonite, MA 10, 301 (1948).
xantokon or xantokonit = xanthoconite, TMH II, 13 (1994).
xantokroit = greenockite, László 298 (1995).
xantolit (Heddle) = kaolinite, László 298 (1995).
xantolit (Nuttall) = Mn-Al-rich andradite, László 298 (1995).
xantopirit = pyrite, László 298 (1995).
xantortit = yellow H₂O-rich allanite-(Y), László 298 (1995).
xantosiderite = copiapite or goethite ± ferrihydrite, Zirlin 116 (1981).
xantosziderit = copiapite or goethite ± ferrihydrite, László 298 (1995).

xantotitán or xantotitanit = anatase pseudomorph after titanite, László 298 (1995).
xantoxeniet = xanthoxenite, Council for Geoscience 786 (1996).
xantusz = green + yellow gem quartz ± hematite ± hornblende, László 298 (1995).
xaphyllite = tetradymite, Chester 291 (1896).
X-arsenopolybasite = high-temperature (Ag,Cu)₁₆As₂S₁₁, AM 52, 1311 (1967).
X-bornite = bornite ?, AM 54, 1699 (1969).
Xenolit = sillimanite, Chester 291 (1896).
Xenolith = sillimanite, Clark 762 (1993).
Xenophyllit (IMA 2006-06) = Na₄Fe₇(PO₄)₆, Weiss 282 (2008).
xenotime = xenotime-(Y), AM 72, 1042 (1987).
xenotime-REE = xenotime-(Y), EJM 8, 1097 (1996).
xenotimite = xenotime-(Y), AM 8, 52 (1923).
Xenotlit = xonotlite, Egleston 236 (1892).
xentime = xenotime-(Y), de Fourestier 381 (1999).
xerasite (Breithaupt) = mendipite or phosgenite, Egleston 372 (1892).
xerasite (Kikuchi) = cordierite, Egleston 372 (1892).
xeuxite = green tourmaline, Chester 291 (1896).
xianghualit = hsianghualite, László 298 (1995).
xiangjiangite = coconinoite, PDF 29-1401.
xifonit = hornblende, László 298 (1995).
xihuitl = turquoise, Webster & Anderson 964 (1983).
xihuzunit = Mg-rich rhodonite, László 110 (1995).
xilantit = resin, László 298 (1995).
xilingalite = xilingolite, AM 74, 950 (1989).
xilingoite = xilingolite, Fleischer 201 (1987).
xilit = chrysotile pseudomorph after wood, László 298 (1995).
xiloklor = green apophyllite-(KF), László 298 (1995).
xilokriptit = mellite ?, László 298 (1995).
Xilolith = actinolite pseudomorph after wood, Kipfer 154 (1974).
xilópale = opal-CT pseudomorph after wood, Chester 291 (1896).
xiloretin or xiloretinit = hartite, László 298 (1995).
xilotilo = chrysotile pseudomorph after wood, Novitzky 367 (1951).
xilovitrain or xilovitrit = vitrain (bituminous coal), László 298 (1995).
xinganite = hingganite-(Y), AM 73, 935 (1988).
xinganite-(Y) = hingganite-(Y), Fleischer & Mandarino 221 (1991).
xinghuaite (IMA 1984-047) = jichengite, AGS 2, 202 (1974); IMA 1994-039.
xingsaoite = Co-rich willemite, AM 76, 669 (1991).
xingzhongite (questionable) = PbIr₂S₄, AM 74, 1220 (1989); PDF 42-1328.
Xinjiang jade = actinolite or tremolite, Bukanov 403 (2006).
xiphonite = hornblende, MM 11, 168 (1896).
X.L. or X.L.000 or X.L.C.T. = montmorillonite or palygorskite, Robertson 35 (1954).
Xonaltit (original spelling) = xonotlite, Dana 6th, 569 (1892).
xonolite = xonotlite, Egleston 372 (1892).
xonoltite = xonotlite, Lacroix 74 (1931).
xoupholite = prehnite, Clark 763 (1993).
X-psilomelane = romanèchite, de Fourestier 381 (1999).
X-ray orthoclase = intermediate microcline, EJM 17, 69 (2005).
xrysoprase = green quartz-mogánite mixed-layer, de Fourestier 382 (1999).
xylain = vitrain (bituminous coal), Clark 763 (1993).
Xylanthit = amber, Chudoba EII, 891 (1960).
xylanthrax = wood coal, Thrush 1248 (1968).

Xylit = actinolite pseudomorph after wood, Dana 6th, 711 (1892).
Xylochlor = green apophyllite, Dana 6th, 567 (1892).
xylocryptite = mellite ?, Dana 7th II, 1104 (1951).
xyloïde = calcite + clay, Des Cloizeaux II, 120 (1893).
xyloid jasper = massive quartz + hematite pseudomorph after wood, Read 242 (1988).
Xylokryptit = mellite ?, Egleston 372 (1892).
Xylonite = opal-CT pseudomorph after wood or cellulosic plastic, Bukanov 152, 353 (2006).
Xylolith = actinolite pseudomorph after wood, Chudoba EII, 891 (1960).
xylopal = opal-CT pseudomorph after wood, Read 242 (1988).
Xylorentin = hartite, Chudoba EII, 891 (1960); [I.4,1438].
Xylorentinit = hartite, Chudoba EII, 891 (1960).
Xyloretin = hartite, Dana 6th, 1009 (1892).
xyloretinite = hartite, Dana 6th, 1009 (1892).
Xylotil = chrysotile pseudomorph after wood, Dana 6th, 711 (1892).
xylotilite = Fe-rich sepiolite, Simpson 83 (1932).
xylovirite = vitrain (bituminous coal), Clark 763 (1993).
xylovitrain = vitrain (bituminous coal), Clark 763 (1993).
xylovitrite = vitrain (bituminous coal), Hey 306 (1962).
Xyzite = hectorite, ClayM 32, 495 (1997).