ORTHOCHAMOSITE

$(Fe^{2+},Mg,Fe^{3+})_5Al(Si_3,Al)O_{10}(OH,O)_8$

An uncommon member of the chlorite group. Dimorphous with chamosite (q.v.). Northern Peninsula.

Ontonagon County: White Pine mine: Carpenter (1963) identified a green orthorhombic chlorite (probably orthochamosite) of cation composition $(Fe^{2+}_{2.30},Mg_{2.25},Al_{1.41})(Si_{2.65},Al_{1.35})$ in veinlets in Nonesuch Shale.

FROM: Robinson, G.W., 2004 Mineralogy of Michigan by E.W. Heinrich updated and revised: published by A.E. Seaman Mineral Museum, Houghton, MI, 252p.