EUXENITE-(Y)
(Y,Ca,Ce,U,Th)(Nb,Ta,Ti)\textsubscript{2}O\textsubscript{6}

A rare mineral of some pegmatites and rare-metal granites. Northern Peninsula.

**Marquette County:** A post-tectonic rare metal-rich body of albite granite about 3.2 km south of Humboldt contains accessory cassiterite, thorite, ferrocolumbite, molybdenite, topaz, and fluorite (Hoffman, 1987; Schulz et al., 1988).


**UPDATE**

**Marquette County:** Crockley pegmatite, section 22, T47N, R29W: As dark brown-black to yellowish brown, pitchy, metamict grains extracted from a heavy mineral concentrate. Wavelength dispersion electron microprobe analyses of selected grains yield formulas with Nb>Ta, consistent with euxenite-(Y), and heating to 1000ºC for 24 hours recrystallizes the mineral sufficiently to give an X-ray diffraction pattern that matches well for a euxenite series mineral.