

**BASTNÄSITE-(Y)**  
(Y,REE)(CO<sub>3</sub>)F

Unlike its more common cerium analog, bastnäsite-(Y) is a rare mineral known from only four localities worldwide. Its occurrence in Michigan marks the first reported for the United States. Northern Peninsula.

**Marquette County:** Crockley pegmatite, section 22, T47N, R29W: As anhedral, reddish-brown, resinous masses up to ~ 1mm in pegmatite. Confirmed by X-ray diffraction and energy dispersion X-ray spectrometry.

**UPDATE FROM: Robinson, G.W., and Carlson, S.M., 2013, Mineralogy of Michigan Update: published online by A.E. Seaman Mineral Museum, Houghton, MI, 46p.**