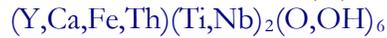


## **AESCHYNITE-(Y)**



Aeschynite-(Y) is a rare mineral found in some granitic pegmatites. “Blomstrandine” and “priorite” are obsolete names sometimes seen in older texts. Northern Peninsula.

**Marquette County:** Feldspar quarry (probably the Crockley pegmatite), section 22, T47N, R29W: A mineral forming irregular 3 mm seams with a black-yellowish mottled texture was found by Snelgrove et al. (1944) to have the following properties: a) high refractive index, b) isotropic to anisotropic, c) radioactive, d)  $G = 4.2$ , and e) no X-ray diffraction pattern (metamict). These authors suggested the mineral was “blomstrandine,” which is an obsolete name for aeschynite-(Y). In 1998, a dark brown-to-black resinous mineral was collected by Ramon DeMark from a pegmatite boulder about 0.4 km south of the Crockley pegmatite. Subsequently, the mineral has been identified as aeschynite-(Y) by electron microprobe and X-ray diffraction analyses (S. L. Hanson, personal communication, 2001).

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