

SULFUR

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In Michigan, sulfur occurs as crystals and granular masses in vugs in limestone. Northern and Southern Peninsulas.



Figure 139: Native sulfur crystals on calcite from the Woolmith quarry, near Maybee, Monroe County. 6 × 7.5 cm. A. E. Seaman Mineral Museum specimen No. DM 23056, Jeffrey Scovil photograph.



Figure 140: Parallel growth of native sulfur crystals from the Woolmith quarry, near Maybee, Monroe County. 4 × 5 cm. A. E. Seaman Mineral Museum specimen No. DM 23134, Jeffrey Scovil photograph.

Iron County: 1. Fairbanks mine, Crystal Falls: As minor coatings on rock with gypsum (q.v.).

Monroe County: *Woolmith (Michigan Stone and Supply Company) quarry* between Scofield and Maybee, NE ¼ section 29, T5S, R8E: This quarry has produced some of the finest specimens of native sulfur known from North America. Brilliant yellow crystals, some doubly terminated, occur singly and in clusters in vugs in a cavernous section of the upper Helderberg (Detroit River) Limestone (Upper Silurian). The vugs range from a few centimeters to over a meter in size and also contain calcite, celestine, and gypsum (Sherzer, 1895, 1900; Kraus, 1905a; Kraus and Hunt, 1906b). Single crystals nearly 15 cm across are in the collections of the A. E. Seaman Mineral Museum (specimen DM 23007), and the Cranbrook Institute of Science. Most of the larger sulfur crystals are somewhat crude and etched, and etched aggregates nearly 30 cm across have been found. Medici (1983) reports an unusual opaque sulfur crystal that appears to be a pseudomorph after celestine.

Wayne County: 1. Rockwood (Ottawa Silica Company) quarry: Rare, with celestine, calcite, fluorite, and quartz (Morris, 1983). 2. Sibley quarry, Trenton: Rare. Same paragenesis plus gypsum and epsomite (Morris, 1983).

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.

UPDATE

Iron County: Fairbanks mine, Crystal Falls: As minor coatings on rock with gypsum (q.v.).

Marquette County: Presque Isle, Marquette: As microscopic pale yellow crystals in vugs with hematite. Verified by energy dispersion X-ray spectroscopy.

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.