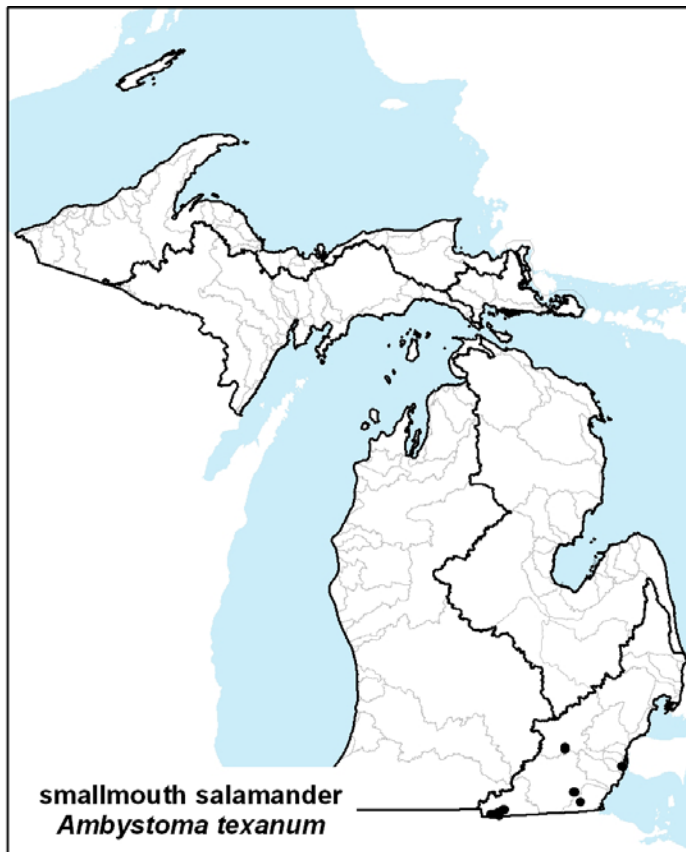


AMPHIBIANS



smallmouth salamander (*Ambystoma texanum*)

DISTRIBUTION & ABUNDANCE: State listed as endangered. Rare in Michigan and restricted to Lake Erie basin. Abundance is unknown.

ASSOCIATED LANDSCAPE FEATURES: *aquatic:* ponds; headwaters & small tributaries; gradient: slow; ephemeral wetland; swamp; rock substrates; vegetation; woody structure; *terrestrial:* prairie; idle/old field; right-of-way; savanna; lowland shrub; lowland hardwood; mesic hardwood; dry hardwood; lowland conifer; forest opening; ephemeral wetland; swamp; pond; river/stream/riparian/floodplain corridor; down woody debris

ASSOCIATED THREATS: invasive plants & animals; conversion to agriculture lands; fragmentation; altered hydrologic regimes; industrial/residential/recreational development; lack of scientific knowledge; forestry practices; other biological interactions (hybridization); pesticides & herbicides; removal of non-timber flora; wetland modifications

COMMENTS: Population assessment is needed.