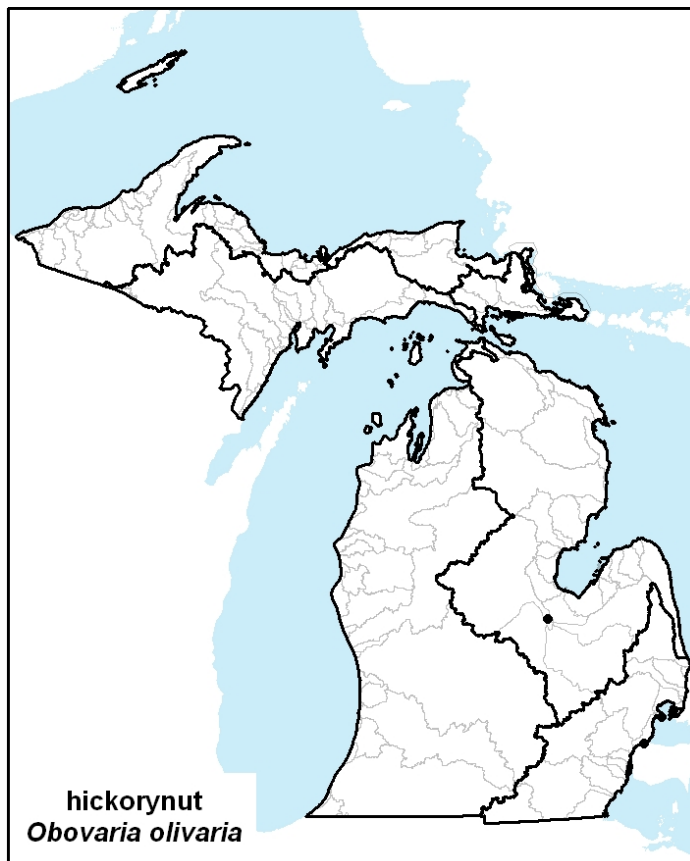


# MUSSELS



## hickorynut

(*Obovaria olivaria*)

**DISTRIBUTION & ABUNDANCE:** State listed as special concern. Very rare in Michigan. Abundance is unknown.

**ASSOCIATED LANDSCAPE FEATURES:** headwaters & small tributaries; medium rivers; large rivers; gradient: moderate; rock substrates; soft substrates

**ASSOCIATED THREATS:** altered hydrologic regimes; altered sediment loads; dams; dredging & channelization; fragmentation; invasive plants & animals; pesticides & herbicides; urban, municipal, and industrial pollution

**COMMENTS:** Population status and distribution needs to be determined.