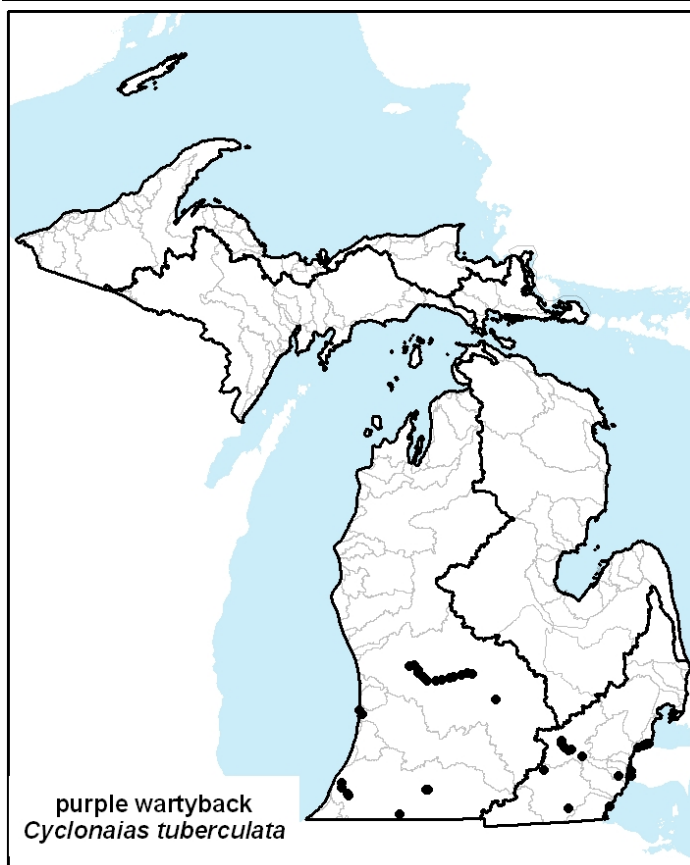


MUSSELS



Purple wartyback

(*Cyclonaias tuberculata*)

DISTRIBUTION & ABUNDANCE: State listed as special concern. Occurs occasionally in the Southern Lower Peninsula. Abundance is unknown.

ASSOCIATED LANDSCAPE FEATURES: 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: Northern Michigan is the northern edge of range for this species. Population status needs to be determined.