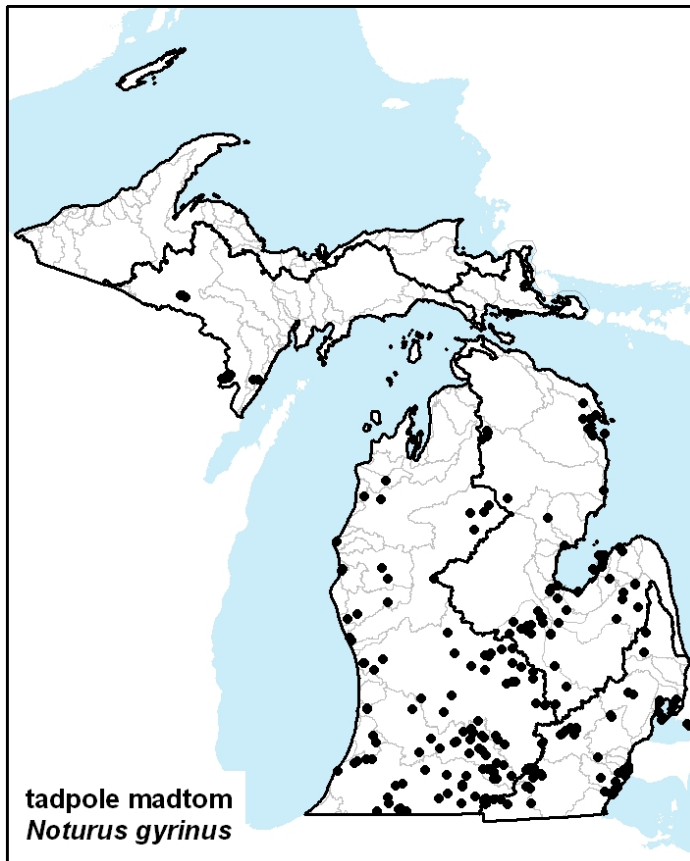


FISH



tadpole madtom (*Noturus gyrinus*)

DISTRIBUTION & ABUNDANCE: Experts believe this species has suffered a 50% reduction in occurrences compared to historic records. Abundance is unknown.

ASSOCIATED LANDSCAPE FEATURES: shoreline; nearshore; ponds; small lakes; medium lakes; large lakes; warm medium rivers; warm large rivers; gradient: slow; ephemeral wetland; swamp; rock substrates; soft substrates; vegetation; woody structure; clear water; other (cavities - uses as shelter and nests)

ASSOCIATED THREATS: altered sediment loads; dredging & channelization; other biological interactions (hybridization); removal of wildlife

COMMENTS: Michigan is the northern edge of range for this species. Movements are unknown.