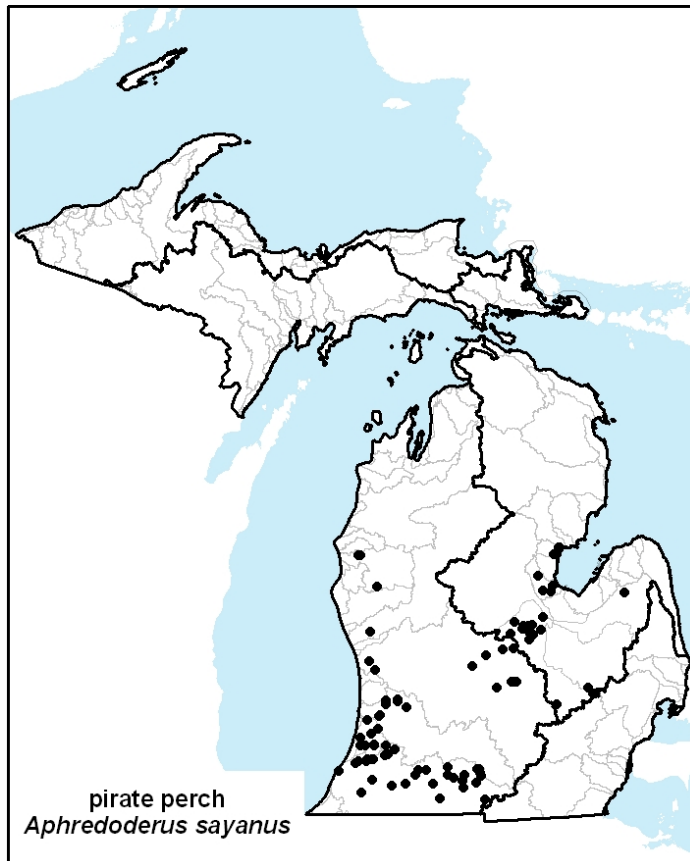


# FISH



## pirate perch

(*Aphredoderus sayanus*)

**DISTRIBUTION & ABUNDANCE:** Occasionally found in the Lower Peninsula but abundance unknown. Thought to be rare.

**ASSOCIATED LANDSCAPE FEATURES:** ponds; connectivity: drainage; warm headwaters & small tributaries; warm medium rivers; warm large rivers; warm very large rivers; gradient: slow; inland emergent wetland; swamp; floodplain; soft substrates; vegetation; woody structure; turbid water; other (overhanging/ undercut banks)

**ASSOCIATED THREATS:** lack of scientific knowledge; unknown

**COMMENTS:** Michigan is the northern edge of range for this species. Spawning requirements are unknown. Population status needs to be determined. A threats assessment is needed for this species.