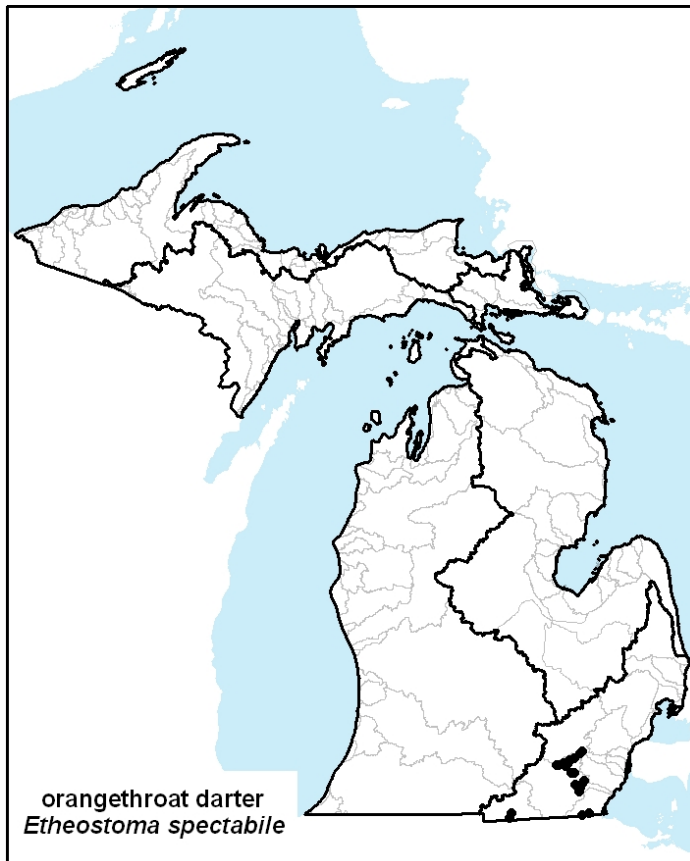


# FISH



## orangethroat darter

*(Etheostoma spectabile)*

**DISTRIBUTION & ABUNDANCE:** Proposed State listed as special concern. Limited distribution in Michigan, abundance is unknown.

**ASSOCIATED LANDSCAPE FEATURES:** headwaters & small tributaries; gradient: slow; rock substrates

**ASSOCIATED THREATS:** altered sediment loads; pesticides & herbicides; urban, municipal, and industrial pollution

**COMMENTS:** Michigan is the northeastern edge of range for this species. This species is considered a pioneer species and may be an indicator species for restored habitats. Movements need to be determined. Population status needs to be determined.