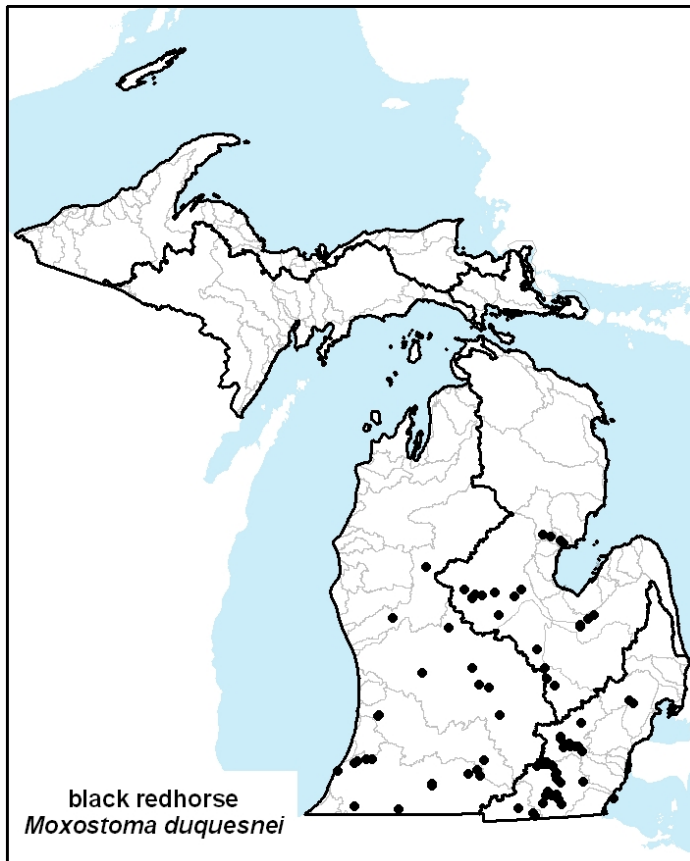


FISH



black redhorse

(*Moxostoma duquesnei*)

DISTRIBUTION & ABUNDANCE: Occasionally found in the Lower Peninsula, however experts believe this species has suffered a 50% reduction in occurrences compared to historic records. Abundance is unknown.

ASSOCIATED LANDSCAPE FEATURES: cool headwaters & small tributaries; warm headwaters & small tributaries; cool medium rivers; warm medium rivers; cool large rivers; warm large rivers; gradient: slow; gradient: moderate; gradient: fast; rock substrates; vegetation; clear water

ASSOCIATED THREATS: altered sediment loads, disease, pathogens and parasites

COMMENTS: Movements unknown. Status needs to be tracked. Elusive species, hence extensive sampling with diversified gears is needed. Spawning habitats need to be located and spawning effort monitored.