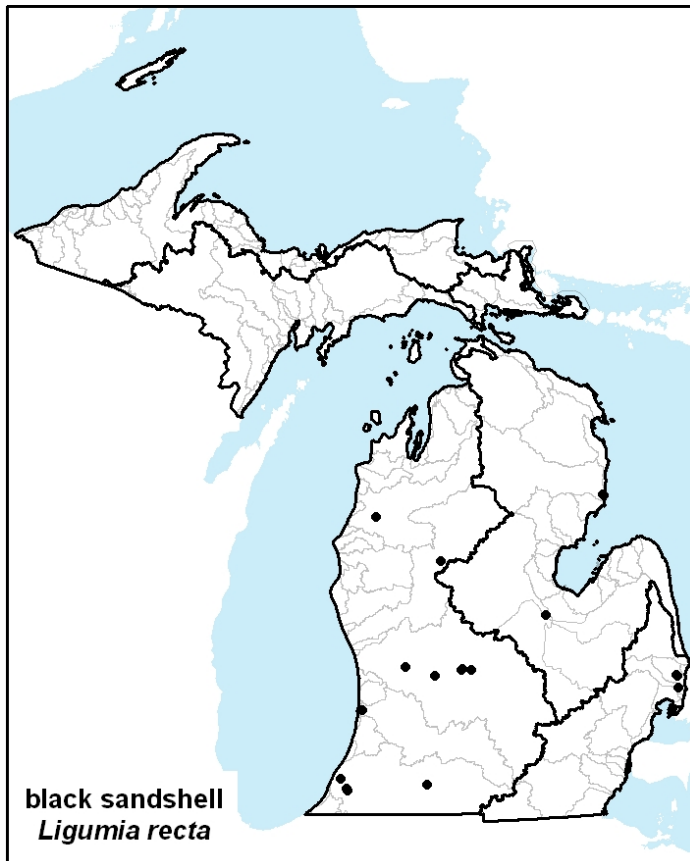


MUSSELS



black sandshell (*Ligumia recta*)

DISTRIBUTION & ABUNDANCE: This species is rare in the Erie, Huron, and Michigan basins. Abundance is unknown.

ASSOCIATED LANDSCAPE FEATURES: shoreline; large lakes; 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: Population status needs to be determined and refugia needs to be preserved. Experts suggest this species is declining due to zebra mussels.