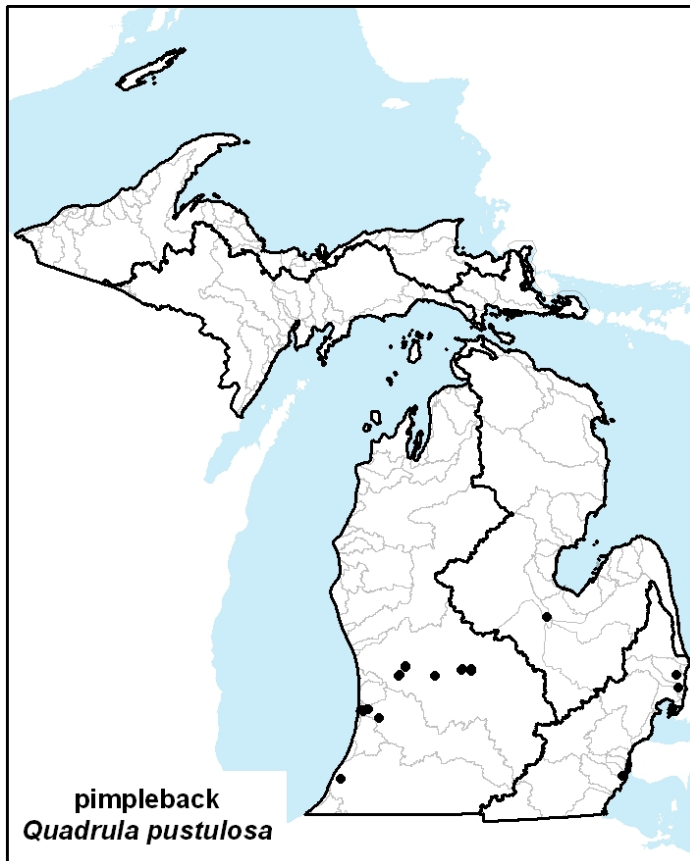


MUSSELS



pimpleback

(*Quadrula pustulosa*)

DISTRIBUTION & ABUNDANCE: Once abundant but seems to have declined due to zebra mussels. Abundance is unknown.

ASSOCIATED LANDSCAPE FEATURES: large lakes; headwaters & small tributaries; medium rivers; large rivers; 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: The Upper Peninsula of Michigan is the northern edge of range for this species. Population status needs to be determined.