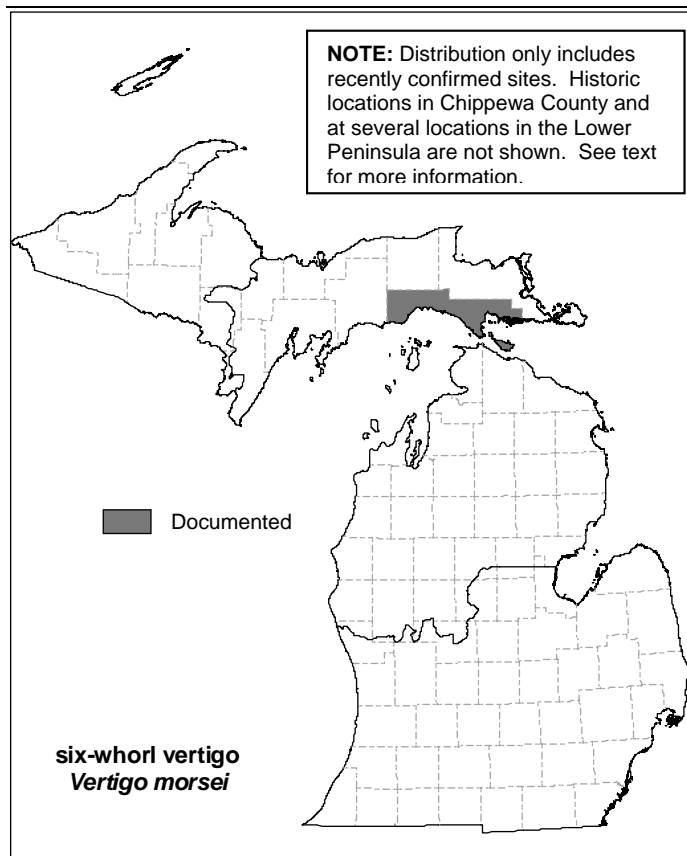


SNAILS



six-whorl vertigo (*Vertigo morsei*)

DISTRIBUTION & ABUNDANCE: State listed as special concern. Two populations in Mackinac County are currently known in the Upper Peninsula. The status of an old recorded population in Chippewa County is unknown. The status of the species at several sites in the Lower Peninsula is also unknown, but these populations may not be extant, due to changes in land use and development. Their status needs to be determined through additional surveys. This species is currently considered imperiled in Michigan.

ASSOCIATED LANDSCAPE FEATURES: inland emergent wetland; fen; pond; river/stream/riparian/floodplain corridor

ASSOCIATED THREATS: conversion to agriculture lands; altered hydrologic regimes; incompatible natural resource mgmt; industrial/residential/recreational development; forestry practices; non-consumptive recreation

COMMENTS: Need additional surveys to assess abundance and distribution; need basic life history information; need to identify threats. Require cool, moist conditions; canopy removal will result in dryer microhabitat conditions unsuitable for this species.