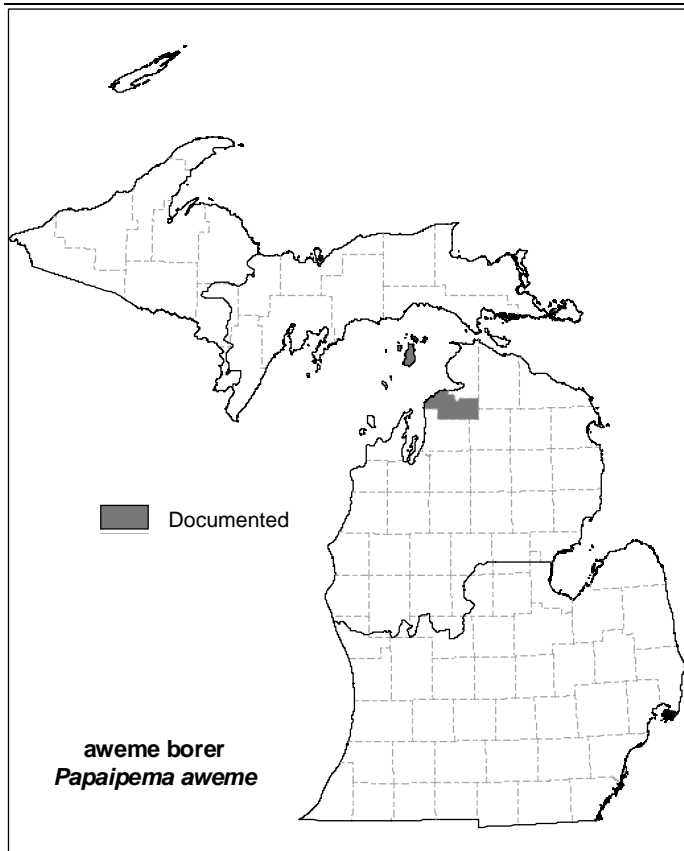


INSECTS



aweme borer

(*Papaipema aweme*)

DISTRIBUTION & ABUNDANCE: State listed as special concern. This species has only been collected once from the State; at Beaver Island several decades ago. It is currently undetermined whether this species is extirpated; more survey areas needed. This species may be globally extinct. Of the four sites it has been collected from (range wide), the Beaver Island site holds the most potential.

ASSOCIATED LANDSCAPE FEATURES: coastal dune/beach; Great Lakes island; other (sandy inland former lakeshores; occupation of this habitat has never been documented in Michigan; species may now be extinct); unknown

ASSOCIATED THREATS: industrial/residential/recreational development; invasive plants & animals; lack of scientific knowledge; other biological interactions (alterations to habitat due to deer browsing)

COMMENTS: Need surveys to determine presence or absence and, if present, assess abundance and distribution. If it is still present, high deer densities on Beaver Island or elsewhere may pose a significant threat.