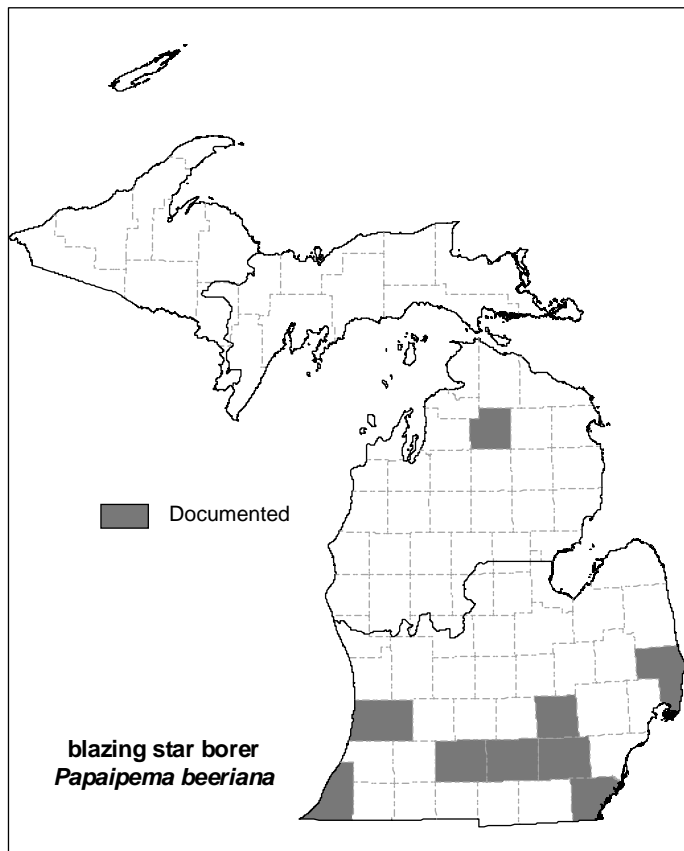


INSECTS



blazing star borer

(*Papaipema beeriana*)

DISTRIBUTION & ABUNDANCE: State listed as special concern. Known from less than 12 sites scattered across southern Michigan and one site in the Northern Lower Peninsula. This species is considered very rare and it may be very imperiled in Michigan. This species is considered rare or uncommon globally.

ASSOCIATED LANDSCAPE FEATURES: prairie; idle/old field; savanna; lowland hardwood; inland emergent wetland; fen; large contiguous natural landscape

ASSOCIATED THREATS: conversion to agriculture lands; dams; altered fire regime; fragmentation; altered hydrologic regimes; incompatible natural resource mgmt; industrial/residential/recreational development; invasive plants & animals; lack of scientific knowledge; pesticides & herbicides

COMMENTS: Need surveys to assess abundance and distribution; need information on life history and ecology including habitat requirements; need to assess threats; need info on response to controlled burns. Prescribed fire is an important management tool, but care should be taken to ensure occupied areas are only partially burned. Impoundment is a threat at least one site in Michigan.