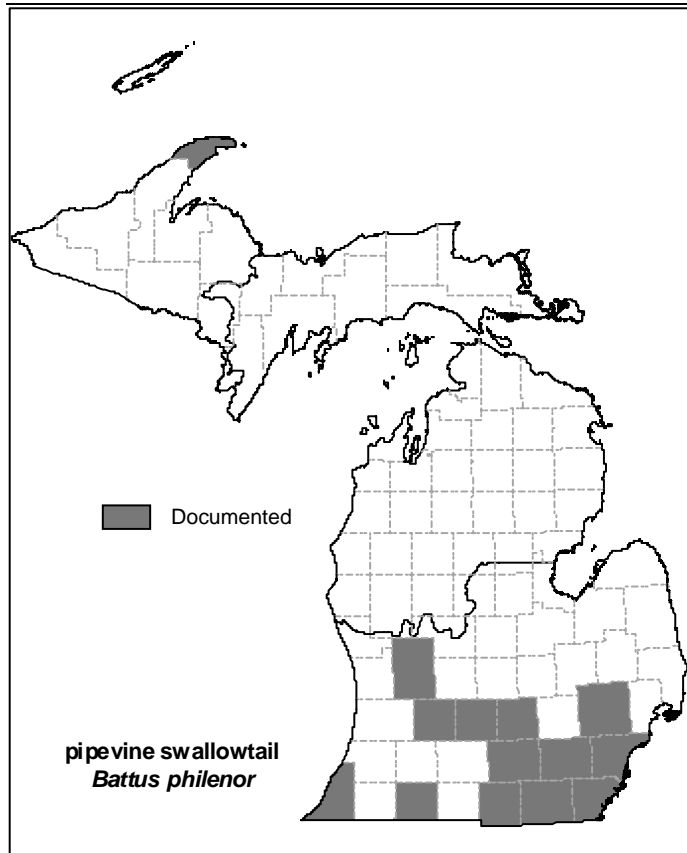


INSECTS



pipevine swallowtail (*Battus philenor*)

DISTRIBUTION & ABUNDANCE: State listed as special concern. Infrequently found throughout much of the Southern Lower Peninsula. It is considered imperiled or critically imperiled in Michigan.

ASSOCIATED LANDSCAPE FEATURES: idle/old field; right-of-way; savanna; orchard; mesic hardwood; dry hardwood; ephemeral wetland; river/stream/riparian/floodplain corridor; edge

ASSOCIATED THREATS: invasive plants & animals; lack of scientific knowledge; non-consumptive recreation; other biological interactions (loss of host plant - *Aristolochia* spp.); pesticides & herbicides; removal of non-timber flora

COMMENTS: Need surveys to assess abundance and distribution; need to assess threats. Protection or restoration efforts must consider the host plant, *Aristolochia* spp.