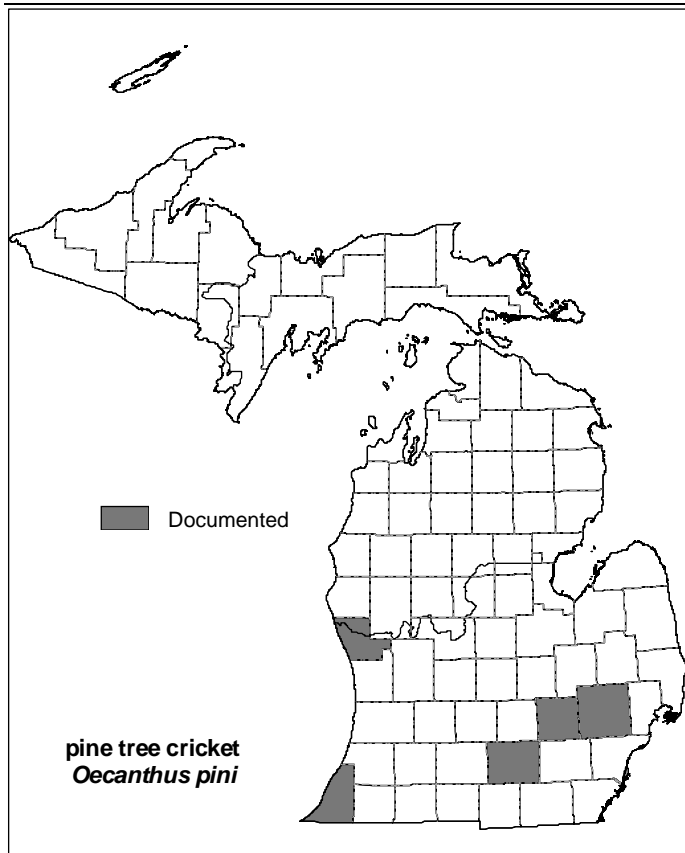


INSECTS



pine tree cricket (*Oecanthus pini*)

DISTRIBUTION & ABUNDANCE: State listed as special concern. Occurs sporadically in the Southern Lower Peninsula. It appears to be extremely rare in Michigan, but a more solid status determination is needed. It is sporadically distributed throughout the northeastern U.S. and Michigan appears to represent the edge of its range. Its rangewide status is undetermined.

ASSOCIATED LANDSCAPE FEATURES: lowland conifer; mesic conifer; dry conifer

ASSOCIATED THREATS: lack of scientific knowledge; pesticides & herbicides; unknown

COMMENTS: Need surveys to assess abundance and distribution; need basic life history information. Relative severity of listed threats is not well known and other currently unknown threats may exist for this species; a threats assessment is needed for this species.