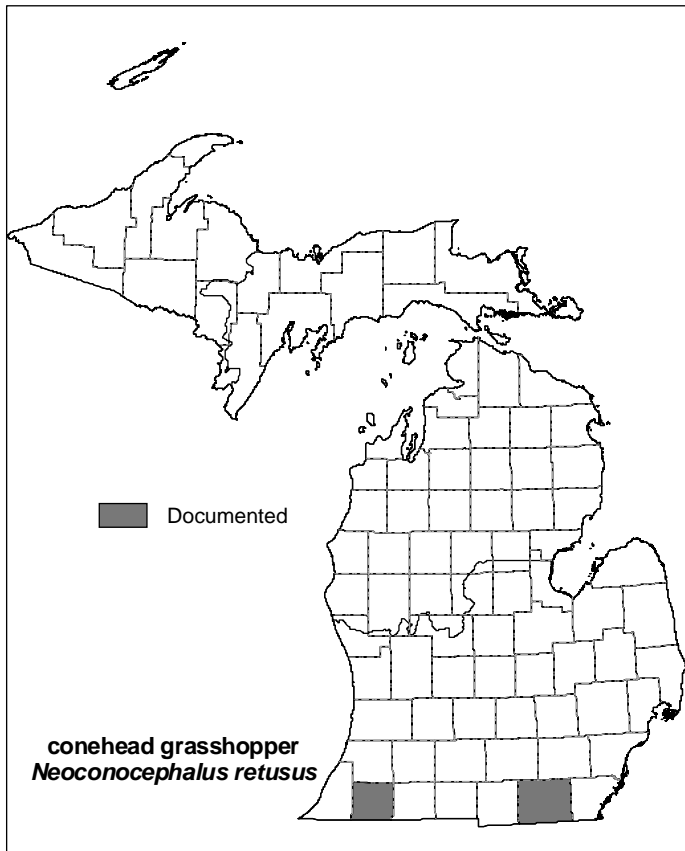


INSECTS



conehead grasshopper (*Neoconocephalus retusus*)

DISTRIBUTION & ABUNDANCE: State listed as special concern. This species is extremely rare in Michigan and is considered critically imperiled. Its range wide status is unknown, but it may be fairly secure in Missouri.

ASSOCIATED LANDSCAPE FEATURES: idle/old field; savanna; upland shrub; mesic hardwood; dry hardwood; forest opening; inland emergent wetland

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.