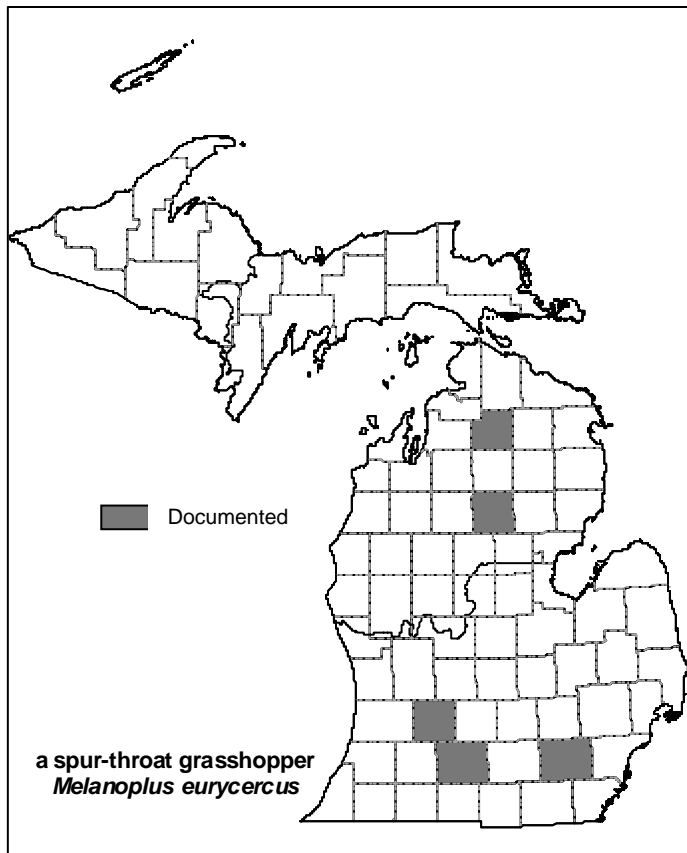


INSECTS



a spur-throat grasshopper (*Melanoplus eurycerus*)

DISTRIBUTION & ABUNDANCE: Known from at least 8 sites in only 5 counties in the Lower Peninsula. The status of this species in Michigan is currently in question, but it appears to be limited in distribution and is associated with rare savanna and prairie areas.

ASSOCIATED LANDSCAPE FEATURES: idle/old field; savanna; lowland shrub; upland shrub; lowland hardwood; mesic hardwood; forest opening; other (sand plains)

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