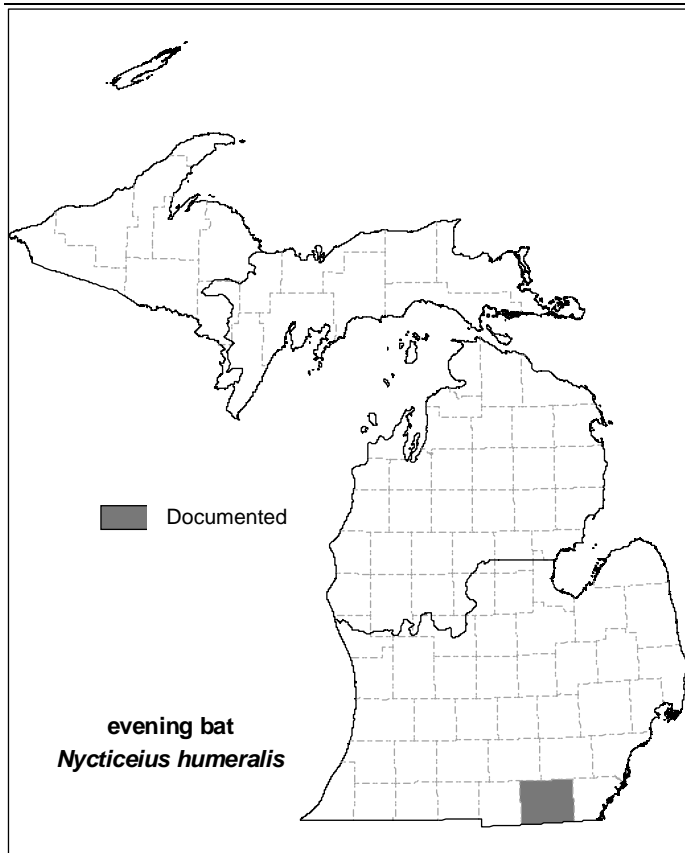


MAMMALS



evening bat

(*Nycticeius humeralis*)

DISTRIBUTION & ABUNDANCE: Michigan lies at the northern extent of the evening bat's range. This species is extremely rare within the State and may be found only in the Southern Lower Peninsula.

ASSOCIATED LANDSCAPE FEATURES: idle/old field; pasture; right-of-way; fence row; lowland hardwood; dry hardwood; mesic conifer; forest opening; pond; river/stream/riparian/floodplain corridor; edge; suburban/small town; snag/cavity

ASSOCIATED THREATS: conversion to agriculture lands; dredging & channelization; altered fire regime; incompatible natural resource mgmt; industrial/residential/recreational development; invasive plants & animals; lack of scientific knowledge; forestry practices; other biological interactions (declining in barns with the increase in big brown bats); pesticides & herbicides; removal of non-timber flora; social attitudes

COMMENTS: There is a need to identify whether nesting or maternal conditions are contributing to recent population declines in this species. Their decline in barns may result from the corresponding increase in big brown bats. House cats (including feral cats) may pose a significant threat to this species.