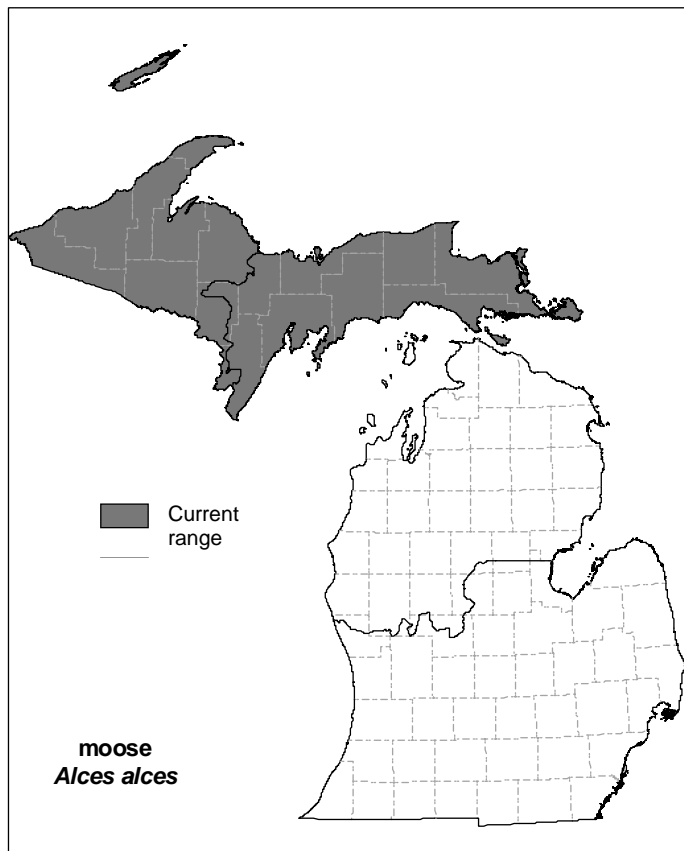


# MAMMALS



## moose

(*Alces alces*)

**DISTRIBUTION & ABUNDANCE:** The moose in Michigan is restricted to the Upper Peninsula and Isle Royale. Current population levels may be constrained by brainworm (*Parelaphostrongylus tenuis*) infestation as much as by habitat availability. The moose is designated as a species of special concern in Michigan.

**ASSOCIATED LANDSCAPE FEATURES:** lowland shrub; lowland hardwood; lowland conifer; forest opening; inland emergent wetland; inland lake; river/stream/riparian/floodplain corridor; large contiguous natural landscape

**ASSOCIATED THREATS:** climate change; disease, pathogens, & parasites; fragmentation; incompatible natural resource mgmt; industrial/residential/recreational development; forestry practices; non-consumptive recreation; wetland modifications

**COMMENTS:** Moose are a game species in Michigan, but there is currently no open season designated. Need more research on the impacts and potential for control of brainworm. In logging areas, size of clearcuts does not seem to be important, however, the extent and configuration of the remaining forested areas does seem to be important (Potvin et al. 1999). A clustered distribution of clearcut patches may therefore be problematic for this species. This species will benefit from a better understanding of forest configuration needs and integrated wildlife-forest planning efforts.