

## Seney National Wildlife Refuge Butterfly List

This butterfly list was developed from: Nielson, Morgan C. 1999. Michigan Butterflies and Skippers: A Field Guide and Reference. Michigan State University Extension, Michigan State University. Highlighted cells indicates butterflies that have been observed on the Refuge, at least once, according to the North American Butterfly Survey's of 1994-1996, 1998-1999, 2002-2004 for Fox River-Seney, Michigan. 1Region 3 Conservation Priorities (USFWS 2002), 2Regional Forester Sens (USFS 2003), 3Michigan Special Animal (1999).

Common Name	Scientific Name	Habitat
<b>Swallowtails</b>		
Black Swallowtail	<i>Papilio polyxenes asterius</i>	Old Fields, vacant rural and urban lots, farmland.
Canadian Tiger Swallowtail	<i>Papilio canadensis</i>	Pine barrens, aspen forest openings and edges, roadsides and stream margins.
<b>Whites &amp; Sulphurs</b>		
Mustard White	<i>Pieris napi</i>	Floodplain forests and other shrubby wetlands and roadsides
West Virginia White	<i>Pieris virginiensis</i>	Usually restricted to Northern Hardwood forests and edges.
Cabbage White	<i>Pieris rapae</i>	Gardens, roadsides, old fields and disturbed areas.
Olympia Marble	<i>Euchloe olympia</i>	Open woodlands, oak-pine barrens on sandy soils.
Clouded Sulphur	<i>Colias philodice Godart</i>	Open areas, clover and alfalfa fields, roadsides and disturbed areas.
Orange Sulphur	<i>Colias eurytheme</i>	Open areas, alfalfa and red clover fields, right-of-way and wet areas
Pink-edged Sulphur	<i>Colias interior</i>	Blueberry bogs and oak-pine barrens, recently burned pine barrens with abundance of blueberry, along trails and roadsides.
Little Sulphur	<i>Eurena lisa</i>	Fields, roadsides and gardens, also Great Lakes coastal areas
<b>Harvester, Coppers, Hairstreaks, Blues</b>		
Harvester	<i>Feniseca tarquinius</i>	Deciduous forests, flood plains and alder-bordered stream banks.
American Copper	<i>Lycaena phlaeas</i>	Old fields and disturbed areas, including weedy residential lots.
Bronze Copper	<i>Lycaena hyllus</i>	Wet Meadows, marshes and stream borders with sedges and wild iris
Bog Copper	<i>Lycaena epixanthe michiganensis</i>	Restricted to sphagnum-heath acid bogs
Dorcas Copper	<i>Lycaena dorcas</i>	Wet meadows, fens, seeps, inland lake margins and some Great Lakes coastal areas.
Pupleish Copper	<i>Lycaena helleoides</i>	Roadsides, fields, disturbed areas, sedge marshes, and other wetlands.
Coral Hairstreak	<i>Satyrium titus</i>	Open areas, forest edges, roadsides and old fields beginning to revert to shrub forest
Banded Hairstreak	<i>Satyrium calanus falacer</i>	Forest openings and edges, old fields and roadsides
Stiped Hairstreak	<i>Satyrium liparops strigosum</i>	Oak-pine Barrens
Brown Elfin	<i>Incisalia augustinus</i>	Sphagnum-heath bogs and pine-barrens in Northern counties
Hoary Elfin	<i>Incisalia polia</i>	Oak-pine barrens, along great lakes dunes.
Henry's Elfin	<i>Incisalia henrici</i>	Open oak-pine barrens, forest openings/edges and swamp borders
Eastern Pine Elfin	<i>Incisalia niphon clarki</i>	Open pine barrens, forest edges and roadsides.
Western Pine Elfin	<i>Incisalia eryphon</i>	Coniferous forest edges and openings, along roads and trails bordered by white pine.
Early Hairstreak	<i>Eroria laetus</i>	Openings, edges and sun dappled trails in Northern hardwoods containing beech
Eastern Tailed Blue	<i>Everes comyntas</i>	Prairies, old fields, pastures and disturbed areas with a variety of legumes.
Northern Spring Azure	<i>Celastina lucia</i>	Forest openings and edges and along forest trails.
Northern Blue	<i>Lycaeides idas nabokovi</i>	Openings in pine barrens and on rock outcroppings.
Greenish Blue	<i>Plebejus saepiolus</i>	Old fields, forest openings, and roadsides
<b>Brushfoots</b>		
Variegated Fritillary	<i>Euptoieta claudia</i>	Meadows, disturbed areas, pastures, streambanks and bogs.
Krautwurm's Fritillary	<i>Speyeria cybele cybele</i>	Forest openings and edges, forest roads and trails, and old fields.
Aphrodite Fritillary	<i>Speyeria aphrodite</i>	Oak-pine barrens, upland fields, prairies and roadsides.
Atlantis Fritillary	<i>Speyeria atlantis</i>	Canadian zone forest openings and edges, old fields and roadsides.
Bog Fritillary	<i>Boloria eunomia dawsoni</i>	Restricted to open sphagnum-heath bogs
Bog Silver-bordered Fritillary	<i>Boloria selene atrocotalis</i>	Bogs and adjacent trails and roadsides.
Meadow Fritillary	<i>Boloria bellona</i>	Moist meadows, pastures, old fields and clearing being invaded by violets
Frigga Fritillary	<i>Boloria frigga saga</i>	Sphagnum-heath bogs with dwarf birch
Silvery Checkerspot	<i>Chlosyne nycteis</i>	Floodplain forest openings, meadows, marshes and roadsides
Harris' Checkerspot	<i>Chlosyne harrisii</i>	Marsh edges, moist pastures, meadows, wet ditches and roadsides.
Northern Pearl Crescent	<i>Phyciodes selenis</i>	Forest openings and edges, old fields, streambanks and roadsides.
Tawny Crescent	<i>Phyciodes batesii</i>	Meadows, pastures, old fields, stream banks and roadsides.
Baltimore Checkerspot	<i>Euphydryas phaeton</i>	Brushy swamps, marshes, wet meadows and oak-pine barrens.
Question Mark	<i>Polygonia interrogationis</i>	Forest openings, edges and trails, roadsides and streambanks.
Common Merchant	<i>Polygonia comma</i>	Forest openings, edges and trails, swamps and streambanks.
Satyr Anglewing	<i>Polygonia satyrus</i>	Forest openings, edges, along streams, pine barrens and roadsides.
Green Comma	<i>Polygonia faunus</i>	Usually in coniferous forests and trails in Canadian Zones.
Hoary Comma	<i>Polygonia gracilis</i>	Boreal forest openings and edges, stream margins and trails.
Gray Comma	<i>Polygonia progne</i>	Forests, swamps, pine barrens and trails.
Compton Tortoise Shell	<i>Nymphalis vaui-album j-album</i>	Forest openings, edges and trails.

Mourning Cloak	<i>Nymphalis antiopa</i>	Forest openings, edges, swamp, meadows, stream margins and roadsides.
Milbert's Tortoise Shell	<i>Nymphalis milberti</i>	Swamp and marsh edges, meadows, wet pastures, stream margins and roadside ditches.
American Painted Lady	<i>Vanessa virginiensis</i>	Old fields, prairies, meadows, disturbed areas and roadsides.
Painted Lady	<i>Vanessa Cardui</i>	Old fields, disturbed areas, pastures and meadows.
Red Admiral	<i>Vanessa atalanta</i>	Swamp openings and edges, marshes, meadows, disturbed areas, and rural and urban gardens and parks.
Buckeye	<i>Junonia coenia</i>	Old fields, pastures, meadows, disturbed areas, coastal dunes and roadsides.
White Admiral	<i>Limentis arthemis</i>	Northern forest openings, edges, trails and roadsides.
Viceroy	<i>Limentitis archippus</i>	Marshes, meadows, stream and lake margins and roadside ditches.
<b>Satyr, Wood Nymphs and Arctics</b>		
Northern Pearly-eye	<i>Enodia anhedon</i>	Deciduous forests, swamps and edges and along streams.
Eyed Brown	<i>Satyodes eurydice</i>	Open sedge, meadows and edges.
Little Wood-Satyr	<i>Megisto cymela</i>	Deciduous forests, openings, edges, oak-pine barrens, fens, and brushy old fields.
Inornate Ringlet	<i>Coenonympha tullia inornata</i>	Open Northern forests, grassy old fields, meadows and roadsides
Wood Nymph	<i>Cercyonis pegala nephele</i>	Prairies, meadows, brushy fields, disturbed areas and roadsides
Chryxus Arctic	<i>Oeneis chryxus strigulosa</i>	Open jack pine barrens, dry grassy openings and open brushy ridges.
Jutta Arctic	<i>Oeneis jutta ascerta</i>	Black spruce-tamarack-sphagnum bog openings and edges
<b>Milkweed Butterflies</b>		
Monarch	<i>Danaus plexippus</i>	Old fields, meadows, prairies, disturbed areas and roadsides.
<b>Skippers</b>		
Northern Cloudy Wing	<i>Thorybes pylades</i>	Open forests and edges, brushy fields, oak-pine barrens and roadsides
Dreamy Dusky Wing	<i>Erynnis icelus</i>	Open forest, especially aspen in Northern areas, edges, cut-over forest brushy fields, bogs, disturbed areas and roadsides
Juvenal's Duskywing	<i>Erynnis juvenalis</i>	Scrub oak woods, edges, cut-over forests and roadsides.
Arctic Skipper	<i>Carterocephalus palaemon mandan</i>	Forest openings and edges, stream margins, bogs and swamps.
Least Skipper	<i>Ancyloxypha numitor</i>	Streamsides, marsh borders, brushy swamps, ditches and along drains
European Skipper	<i>Thymelicus lineola</i>	Grassy fields, pastures, prairies, urban areas, parks and roadsides.
Laurentian Skipper	<i>Hesperia comma laurentina</i>	Open areas, fields, meadows, roadsides and lakeshore
Leonard's Skipper	<i>Hesperia leonardus</i>	Meadows, tall-grass prairies, oak-pine barrens and roadsides.
Indian Skipper	<i>Hesperia sassacus</i>	Old fields, prairies, cut-over areas, oak-pine barrens and roadsides.
Peck's Skipper	<i>Polites peckius</i>	Meadows, old fields, urban yards and parks, right-of-way and roadsides.
Tawny-edge Skipper	<i>Polites themistocles</i>	Meadows, old fields, pastures, swales, disturbed areas, barrens and roadsides.
Crossline Skipper	<i>Polites origenes</i>	Old fields, prairies and oak barrens.
Long Dash	<i>Polites mystic</i>	Marsh and forest edges, and wetlands along stream and roads.
Hobomok Skipper	<i>Poanes hobomok</i>	Forest openings and edges, meadows, disturbed areas and roadsides.
Two-spotted Skipper	<i>Euphyes bimacula</i>	Sedge marshes, wet meadows and roadsides.
Dun Skipper	<i>Euphyes vestris</i>	Meadows, swamp and marsh edges, disturbed areas and roadsides.
Pepper and Salt Skipper	<i>Amblyscirtes hegon</i>	Small, sunny forest openings, swamp edges and other partially shaded moist areas.
Roadside Skipper	<i>Amblyscirtes vialis</i>	Forest openings and edges, oak-pine barrens, prairies and roadsides.

Others that were recorded (Year):

Eastern Tiger Swallowtail (99)

Spring Azure (94)

Great Spangled Fritillary (99,98,96,95)

Black Skipper (98)

Acadian hairstreak (2007)

*Satyrus acadica*

Dee Phiney et al.