

Invertebrates of Shiawassee NWR

rev.10/2005

An incomplete list, representing only those species that have been documented.

Odonata

Damselflies

Calopterygidae:

Lestidae:

American Rubyspot - *Hetaerina americana*

Coenagrionidae:

Dragonflies

Aeshnidae:

Lance-tailed Darner - *Aeshna constricta*

Common Green Darner - *Anax junius*

Cyrano Darner - *Nasiaeschna pentacantha*

Gomphidae:

Midland Clubtail - *Gomphus fraternus*

Unicorn Clubtail - *Arigomphus villosipes*

Corduliidae:

Common Baskettail - *Epiheca cynosura*

Libellulidae:

Calico Pennant - *Celithemis elisa*

Halloween Pennant - *Celithemis eponina*

Eastern Pondhawk - *Erythemis simplicicollis*

Dot-tailed Whiteface - *Luecorrhinia intacta*

Widow Skimmer - *Libellula luctuosa*

Common Whitetail - *Libellula /Plathemis lydia*

Twelve-spotted Skimmer - *Libellula pulchella*

Blue Dasher - *Pachydiplax longipennis*

Wandering Glider - *Pantala flavescens*

Eastern Amberwing - *Perithemis tenera*

White-faced Meadowhawk - *Sympetrum obtrusum*

Ruby Meadowhawk - *Sympetrum rubicundulum*

Band-winged Meadowhawk - *Sympetrum semicinctum*

Yellow-legged Meadowhawk - *Sympetrum vicinum*

Carolina Saddlebags - *Tramea carolina* ** id tentative, based on current state odonata list

Black Saddlebags - *Tramea lacerata*

Orthoptera

Grasshoppers

Acrididae:

- Carolina Grasshopper - *Dissosteira Carolina*
- Differential Grasshopper - *Melanoplus differentialis*
- Red-legged grasshopper - *Melanoplus femurrubrum*

Katydid

Tettigoniidae:

- Common True Katydid - *Pterophylla camellifolia*
- Black-legged Meadow Katydid - *Orchelimum nigripes*

Crickets

Lepidoptera

Butterflies

Papilionidae:

- Black Swallowtail - *Papilio polyxenes*
- Giant Swallowtail - *Papilio cresphontes*
- Eastern Tiger Swallowtail - *Papilio glaucus*

Pieridae:

- Cabbage White - *Pieris rapae*
- Clouded Sulphur - *Colias philodice*
- Orange Sulphur - *Colias eurytheme*
- Dainty Sulphur - *Nathalis iole*

Lycaenidae:

- Bronze Copper - *Lycaena hyllus*
- Acadian Hairstreak - *Satyrium acadia*
- Banded Hairstreak - *Satyrium calanus*
- Eastern Tailed Blue - *Everes comyntas*
- Spring Azure - *Celastrina ladon*

Nymphalidae:

American Snout - *Libytheana carinenta*
Great Spangled Fritillary - *Speyeria cybele*
Meadow Fritillary - *Boloria bellona*
Pearl /Northern Crescent - *Phyciodes tharos/selenis*
Question Mark - *Polygonia interrogationis*
Eastern Comma - *Polygonia comma*
Gray Comma - *Polygonia progne*
Milbert's Tortoiseshell - *Nymphalis milberti*
Mourning Cloak - *Nymphalis antiopa*
Baltimore - *Euphydryas phaeton*
American Lady - *Vanessa virginiensis*
Painted Lady - *Vanessa cardui*
Red Admiral - *Vanessa atalanta rubria*
Common Buckeye - *Junonia coenia*
Red-Spotted Purple - *Limenitis arthemis astyanax*
Viceroy - *Limenitis archippus*
Hackberry Emperor - *Asterocampa celtis*
Tawny Emperor - *Asterocampa clyton*
Northern Pearly Eye - *Enodia anthedon*
Common Wood Nymph - *Cerlyonis pegala*
Little Wood Satyr - *Megisto cymela*
Monarch - *Danaus plexippus*

Hesperiidae:

Silver-Spotted Skipper - *Epargyreus clarus*
Juvenal's Duskywing - *Erynnis juvenalis*
Common Sooty Wing - *Pholisora catullus*
Least Skipper - *Ancyloxypha numitor*
European Skipper - *Thymelicus lineola*
Peck's Skipper - *Polites peckius*
Little Glassy Wing - *Pompeius verna*
Delaware Skipper - *Atrytone logan*

Moths

Sphingidae:

Modest Sphinx - *Pachysphinx modesta*
Pandorus Sphinx - *Eumorpha pandorus*
White-Lined Sphinx - *Hyles lineata*
Lettered Sphinx - *Deidamia inscripta*

Saturniidae:

Polyphemus Moth - *Antheraea polyphemus*
Cecropia Moth - *Hyalophora cecropia*

Arctiidae:

Painted Lichen Moth - *Hypoprepia fucosa*
LeConte's Haploa - *Haploa lecontei*
Isabella Tiger Moth - *Pyrrharctia isabella*
Salt Marsh Moth - *Estigmene acrea*

Fall Webworm Moth - *Hyphantria cunea*
Virginian Tiger Moth - *Spilosoma dubia*
Virgin Tiger Moth - *Grammia virgo*
Banded Tussock Moth - *Halysidota tessellaris*
Delicate Cynia - *Cynia tenera*
Oregon Cynia - *Cynia oregonensis*
Milkweed Tussock Moth - *Euchaetes egle*
Virginia Ctenucha - *Ctenucha virginica*
Yellow-Collared Scape Moth - *Cisseps fulvicollis*

Noctuidae:

Old Man Dart - *Agrotis vetusta*
Ipsilon Dart - *Agrotis ipsilon*
Dingy Cutworm Moth - *Feltia jaculifera*
Master's Dart - *Feltia herilis*
Rubbed Dart - *Euxoa detersa*
Clandestine Dart - *Spaelotis clandestina*
Catocaline Dart - *Cryptocala acadensis*
Armyworm Moth - *Pseudaletia unipuncta*
The Asteroid - *Cucullia asteroides*
Northern Burdock Borer - *Papaipema arctivorens*
Copper Underwing - *Amphipyra pyramidoides*
Pearly Wood-Nymph - *Eudryas unio*
Grapevine Epimenis - *Psychomorpha epimenis*
Eight-Spotted Forester - *Alypia octomaculata*
Common Looper Moth - *Autographa precatationis*
Celery Looper Moth - *Anagrapha falcifera*
Forage Looper Moth - *Caenurgina erechtea*
The Herald - *Scoliopteryx libatrix*
Lunate Zale - *Zale lunata*
Maple Zale - *Zale galbanata*
Maple Looper Moth - *Parallelia bistriaris*
Darling Underwing - *Calocala cara*
Hawthorn Underwing - *Catocala crataegi*
Green Cloverworm Moth - *Plathypena scabra*
Spotted Grass Moth - *Rivula propinqualis*
Yellowish Zanclognatha - *Zanclognatha jacchusalis*
Wavy-Lined Zanclognatha - *Zanclognatha ochreipennis*

Notodontidae:

Double-toothed Prominent - *Nerice bidentata*
Common Gluphisia - *Gluphisia septentrionis*

Geometridae:

Lesser Maple Spanworm Moth - *Itame pustularia*
Porcelain Gray - *Protoboarmia porcelaria*
Linden Looper Moth - *Erannis tiliaria*
False Crocus Geometer - *Xanthotype urticaria*
Crocus Geometer - *Xanthotype sospeta*

Pale Beauty - *Campaea perlata*
Elm Spanworm Moth - *Ennomos magnaria*
Common Metarranthis - *Metarranthis angularia*
White Slant Line - *Tetracis cachexiata*
Large Maple Spanworm Moth - *Prochoerodes transversata*
Horned Spanworm Moth - *Nematocampa limbata*
Wavy-Lined Emerald - *Synchlora aerata albolineata*
Chickweed Geometer - *Haematopsis grataria*
Large Lace-Border - *Scopula limboundata* f. *relevata*
Soft-Lined Wave - *Scopula inductata*
Lesser Grapevine Looper Moth - *Eulithis diversilineata*
Barberry Geometer - *Coryphista meadii*
White-Banded Toothed Carpet - *Epirrhoe alternata*
Bent-line Carpet - *Orthonama centrostrigaria*
The Beggar - *Eubaphe mendica*
Three-Patched Bigwing - *Heterophelps refusaria*
Three-Spotted Phillip - *Heterophelps triguttaria*

Pterophoridae:

Plume Moth - *Platyptilia carduidactyla*
Plume Moth - *Emmelina monodactyla*

Pyralidae:

European Corn Borer Moth - *Ostrinia nubilalis*
Pyralid Moth - *Anania funebris glomeralis*

Tortricidae:

Oblique-Banded Leafroller Moth - *Choristoneura rosaceana*
Sparganothis Fruitworm Moth - *Sparganothis sulfureana*