Phylum Arthropoda - Arthropods

Class Insecta – Insects

Order Odonata - Dragonflies and Damselflies

 Suborder Anisoptera - Dragonflies

Family Aeshnidae – Darners: ***Epiaeschna heros* - Swamp Darner**

Family Gomphidae – Clubtails: ***Arigomphus submedianus* - Jade Clubtail**

Family Libellulidae – Skimmers:

***Libellula vibrans* - Great Blue Skimmer**

***Celithemis eponina* - Halloween Pennant**

 Suborder Zygoptera - Damselflies

Family Calopterygidae - Broad-winged Damselflies:

***Calopteryx maculata* - Ebony Jewelwing**

Family Coenagrionidae - Narrow-winged Damselflies:

***Argia tibialis* - Blue-tipped Dancer**

***Enallagma aspersum* - Azure Bluet**

***Ischnura hastata* - Citrine Forktail**

Family Lestidae – Spreadwings: ***Archilestes grandis* - Great Spreadwing**

Order Phasmida – Walkingsticks

Family Diapheromeridae: ***Diapheromera femorata* - Northern Walkingstick**

Order Orthoptera - Grasshoppers, Crickets, Katydids

Family Acrididae - Short-horned Grasshoppers:

***Melanoplus viridipes* - Green-legged Grasshopper**

Family Tettigoniidae - Katydids: ***Scudderia sp.* - Scudder's Bush Katydids**

***Amblycorypha oblongifolia* - Oblong-winged Katydid**

Family Gryllidae - True Crickets: ***Neoxabea bipunctata* - Two-spotted Tree Cricket**

Order Psocodea - Barklice, Booklice, and Parasitic Lice

Family Psocidae - Common Barklice: ***Cerastipsocus venosus***

Order Hemiptera - True Bugs, Cicadas, Hoppers, Aphids and Allies

 Suborder Auchenorrhyncha (Homoptera) - Free-living Hemipterans

Family Cicadellidae – Leafhoppers: ***Prescottia lobata***

***Scaphoideus sp.***

Family Cicadidae – Cicadas: ***Magicicada septendecim*** - **Periodical Cicada**

Family Membracidae – Treehoppers: ***Ceresa sp.***

***Enchenopa sp.***

Family Acanaloniidae - Acanaloniid Planthoppers: ***Acanalonia sp.***

Family Derbidae - Derbid Planthoppers: ***Anotia uhleri***

Family Issidae - Issid Planthoppers: ***Thionia simplex***

(Family **Dryinidae – Dryinid Larva)**

 Suborder Heteroptera - True Bugs

Family Coreidae - Leaf-footed Bugs: ***Acanthocephala terminalis***

Family Lygaeidae - Seed Bugs: ***Oncopeltus fasciatus* - Large Milkweed Bug**

Family Rhyparochromidae - Dirt-colored Seed Bugs:

***Myodocha serripes* - Long-necked Seed Bug**

Family Pachygronthidae: ***Oedancala dorsalis***

Family Pentatomidae - Stink Bugs: ***Cosmopepla lintneriana* - Twice-stabbed Stink Bug**

Family Miridae - Plant Bugs: ***Hyaliodes harti***

Family Tingidae - Lace Bugs: ***Gargaphia tiliae* - Linden Lace Bug**

Family Reduviidae - Assassin Bugs: ***Phymata* - Jagged Ambush Bugs**

***Zelus luridus***

Order Neuroptera - Antlions, Lacewings and Allies

Family Mantispidae – Mantidflies: ***Dicromantispa sayi***

Order Coleoptera – Beetles

Family Carabidae - Ground Beetles: ***Carabus nemoralis* - European Ground beetle**

Family Staphylinidae - Rove Beetles:

***Ontholestes cingulatus* - Gold-and-brown Rove Beetle**

Family Buprestidae - Metallic Wood-boring Beetles:

***Agrilus carpini***

***Spectralia gracilipes***

Family Elateridae - Click Beetles: ***Alaus oculatus* - Eyed Click Beetle**

Family Meloidae - Blister Beetles: ***Meloe sp.* - Oil Beetles**

Family Cerambycidae - Longhorned Beetles:

***Strangalia famelica solitaria***

***Trigonarthris minnesotana***

***Necydalis mellita***

***Oplosia nubile***

Family Chrysomelidae - Leaf Beetles:

***Derospidea brevicollis***

***Cryptocephalus calidus***

Family Anthribidae - Fungus Weevils: ***Eurymycter fasciatus***

Family Brentidae - Straight-snouted Weevils: ***Arrhenodes minutus* - Oak Timberworm**

Family Curculionidae - Snout and Bark Beetles:

***Myrmex chevrolatii***

***Curculio sp.* - Nut and Acorn Weevils**

Order Hymenoptera - Ants, Bees, Wasps and Sawflies

Family Andrenidae - Mining Bees: ***Andrena erythronii* - Trout lily Andrena (?)**

Family Sphecidae - Thread-waisted Wasps: ***Sphex ichneumoneus* - Great Golden Digger Wasp**

Family Crabronidae: ***Sphecius speciosus* - Eastern Cicada Killer**

Family Gasteruptiidae - Carrot Wasps: ***Gasteruption sp.***

Family Pelecinidae – Pelecinids: ***Pelecinus polyturator* - Pelecinid Wasp**

Family Ichneumonidae - Ichneumon Wasps:

***Arotes amoenus***

***Megarhyssa macrurus -* Giant Ichneumons**

Family Tenthredinidae - Common Sawflies: **Sawfly Larvae**

Order Lepidoptera - Butterflies and Moths

Family Lycaenidae - Blues, Coppers, Hairstreaks: ***Satyrium calanus* - Banded Hairstreak**

Family Nymphalidae - Brushfooted Butterflies: ***Enodia anthedon* - Northern Pearly-Eye**

***Junonia coenia* - Common Buckeye**

Family Papilionidae - Swallowtails, Parnassians: ***Papilio cresphontes* - Giant Swallowtail**

Family Elachistidae - Grass Miner Moths:

***Antaeotricha schlaegeri* - Schlaeger's Fruitworm Moth - Hodges#1011**

Family Sesiidae - Clearwing Moths: ***Albuna fraxini* - Virginia Creeper Clearwing - Hodges#2532**

Family Tortricidae - Tortricid Moths: ***Acleris semipurpurana* - Oak Leaftier Moth - Hodges#3503**

Family Geometridae - Geometrid Moths:

***Nematocampa resistaria* - Horned Spanworm Moth - Hodges#7010**

Family Sphingidae - Sphinx Moths: ***Ceratomia amyntor* - Elm Sphinx - Hodges#7786**

***Hemaris diffinis* - Snowberry Clearwing - Hodges#7855**

Family Erebidae,

Subfamily Arctiinae - Tiger and Lichen Moths:

***Cisseps fulvicollis* - Yellow-collared Scape Moth - Hodges# 8267**

***Halysidota tessellaris* - Banded Tussock Moth - Hodges#8203**

Subfamily Lymantriinae - Tussock Moths:

***Orgyia leucostigma* - White-marked Tussock Moth - Hodges#8316**

Subfamily Erebinae: ***Catocala ilia* - Ilia Underwing - Hodges#8801**

Family Noctuidae - Owlet Moths: ***Acronicta funeralis* - Funerary Dagger - Hodges#9221**

***Eudryas grata* - Beautiful Wood-Nymph - Hodges#9301**

Order Mecoptera - Scorpionflies, Hangingflies and Allies

Family Bittacidae – Hangingflies: ***Bittacus strigosus***

Family Panorpidae - Common Scorpionflies: ***Panorpa helena(?)***

Order Diptera – Flies

Family Limoniidae - Limoniid Crane Flies: ***Epiphragma fasciapenne***

Family Bombyliidae - Bee Flies: ***Lepidophora lutea***

Family Asilidae - Robber Flies: ***Machimus virginicus***

***Holcocephala fusca***

 ***Laphria thoracica*** *with* ***Saperda puncticollis* - Woodbine Borer**

Family Mydidae - Mydas Flies: ***Mydas tibialis* - Mydas Fly**

Family Dolichopodidae - Longlegged Flies: ***Dolichopus sp.***

Family Scathophagidae - Dung Flies: ***Scathophaga stercoraria* - Golden Dung Fly**

Family Micropezidae - Stilt-legged Flies: ***Rainieria antennaepes***

Family Syrphidae - Syrphid Flies: ***Orthonevra sp.***

***Milesia virginiensis* - Yellowjacket Hover Fly**

**Syrphid Fly larva**

***Microdon sp.* and its lava**

Family Xylomyidae: ***Xylomya tenthredinoides***

Class Diplopoda – Millipedes

Family Xystodesmidae:***Pleuroloma flavipes(?)***

Class Arachnida – Arachnids

 Order Araneae – Spiders

Family Atypidae - Purseweb Spiders: ***Sphodros niger* - Black purseweb spider**

Family Theridiidae - Cobweb Spiders: ***Enoplognatha ovata Theridion sp.***

Family Linyphiidae - Sheetweb and Dwarf Spiders:***Pityohyphantes costatus* - Hammock Spider**

Family Tetragnathidae - Longjawed Orb Weavers: ***Leucauge venusta* - Orchard Orbweaver**

Family Araneidae - Orb Weavers: ***Araneus saevus***

***Araneus thaddeus - Lattice Orbweaver***

***Araneus marmoreus* - Marbled Orbweaver**

***Araneus cingulatus* Araneid spiderlings**

***Micrathena gracilis* - Spined Micrathena**

Family Lycosidae - Wolf Spiders: ***Schizocosa crassipes***

Family Pisauridae - Nursery Web Spiders: ***Dolomedes tenebrosus* – Fishing Spider**

Family Thomisidae - Crab Spiders: ***Mecaphesa* sp. *Tmarus* sp.**

Family Salticidae - Jumping Spiders: ***Phidippus clarus***

***Maevia inclemens* - Dimorphic Jumper**

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