

Animal Species at Harper College

Protozoans

Amoebas: Actinosphaerium

Amoeba proteus

Casbia

Cryptodiffugia

Diffugia

Nebela

Pleomyxa

Flagellates: Anisonema

Carteria

Chilomonas

Chlamydomonas

Cryptomonas

Dinobryon

Entosiphon

Eudorina

Euglena (small species)

Euglena (large species)

Gomphosphaeria

Menoidium

Pandorina

Perdinium

Phacus

Synura

Trachelomonas species #1

Trachelomonas species #2

Volvox

Ciliates: Actinea

Campanella

Carchesium

Chondylostoma

Coleops

Cothunia

Euplotes

Glaucoma

Holosticha

Hypotrichid

Litonotus

Oxytricha

Parmecium

Paruroleptus

Spirostomum

Stentor

Strobilidium

Stylonychia

Urotricha
Vaganicola
Vorticella
Zoothamnium

Sponges

Freshwater Sponge sp.

Hydras and Jellyfish

Brown Hydra, Hydra sp.

Flatworms

Brown Planaria, Dugesia dorotocephala
Tiger Planaria, Dugesia tigrina
Castrada sp.
Gyratix sp.
Microturbellarian species

Gastrotrichs

Chaetognathus species
Dasydytes species
Lepidodermella species

Rotifers

Bdelloid Rotifer species
Scepanotrocha species
Philodina species
Rotaria species
Brachionid Species
Brachionus havanaensis
Brachionus quadridentata
Flocularia species
Keratella species
Notommatid species
Pleurotrocha species
Pliomate species
Lepadella species
Trichocera species

Roundworms

Many species

Mollusks

Chinese Mystery Snail, Cipangopaludina chinensis
Fingernail Clam, Sphaerium species
Giant Floater Mussel, Pyganodon grandis
Land Snail, Haplotrema concavum
Land Snail, Succinea retusa

Left-handed Snail, *Physa* species
Paper Pondshell, *Utterbackia imbecillis*
Pointed Winkle Snail, *Campeloma decisum*
Pond Snail, *Lymnaea* species
Ramshorn Snail, *Gyraulus defelectus*
Ramshorn Snail, *Heliosoma trivolvis*
Planorbid Ramshorn Snail species
Slug, *Deroceras agreste*
Slug, *Philomycus carolinianus*

Earthworms

Angle Worm sp.
Brown Litter Worm, *Eisenia eiseni*
Field Worm, *Octolasion cyaneum*
Field Worm, *Octolasion tyrtaeum*
Red Wiggler, *Eisenia fetia*
Small Leaf Worm, *Dendrobaena octaedra*
Nightcrawler, *Lumbricus terrestris*

Leeches

5 species

Aquatic Worms

Aeolosoma sp.
Branchiobdellid (commensal on crayfish)
Chaetogaster sp.
Dero furcatus

Ticks and Mites

American Dog Tick, *dermacenter varabilis*
Aquatic Mites, 3 species
Parasitic mites: 2 species
Velvet mite, *Trombiddidae*

Spiders

Banded Argiope, *Argiope trifasciata*
Yellow Garden Argiope, *Argiope aurantia*
Brilliant Jumper, *Phidippus clarus*
Cellar Spider, *Pholcus phalangoides*
Common House Spider, *Achaearanea tepidariorum*
Social Cobweb Weaver, *Theridion* species
Cobweb Weaver, *Steatoda borealis*
Cobweb Weaver, *Steatoda triangulosa*
Cobweb Weaver, *Theridium triangulosa*
Cobweb Weaver, *Theridium frondeum*
Goldenrod Crab Spider, *Misumena vatia*
Northern Crab Spider, *Misumenops asperatus*
Dwarf Spider species
Splendid Dwarf Spider, *Hypselistes florens*

Fishing spider, *Dolomedes tenebrosus*
Barn Funnel Weaver, *Tegenaria domestica*
Grass Spider, *Agelenopsis* species
Inconspicuous Running Crab Spider, *Philodromus* species
Familiar Jumping Spider, *Platycryptus undatus*
Jumping Spider, *Habrocestum pulex*
Hoy's Jumping spider, *Evarcha hoy*
Jumping Spider, *Menemerus bivittatus*
Jumping Spider, *Metaphidippus galathea*
Reckless Jumper, *Pelagrina proterva*
Jumping Spider, *Sassacus papenhoei*
Zebra Jumper, *Salticus scenicus*
Line Weaving Spider species
Long-bodied Cellar Spider, *Phlocus phalangoides*
Long-jawed Orbweaver, *Tetragnatha elongate*
Long-jawed Orbweaver, *Tetragnatha pallescens*
Lynx Spider species
Striped Lynx Spider, *Oxyopes salticus*
White Micanthea Spider, *Micanthea mitrata*
Nursery-web Spider, *Pisaurina mira*
Shamrock Orbweaver, *Araneus trifolium*
Gray Cross Spider, *Nuctenea sericata*
Marbled Orbweaver, *Araneus marmoreus*
Orbweaver, *Neoscona domiciliorum*
Orbweaver, *Verrucosa arenata*
Cone-shaped Orbweaver, *Cyclosa conica*
Pirate Wolf Spider, *Pinata piraticus*
Purse-web Spider, *Sphodros niger*
Running Crab Spider, *Ebo latithorax*
Oblong Running Crab Spider, *Tibellus oblongus*
Hammock Spider, *Pityohyphantes costatus*
Bowl and Doily Weaver, *Frontinella pyramitela*
Wolf Spider, *Allocosa funerea*

Harvestmen

Leiobunum species
Odiellus species
Phalangium opilio

Pseudoscorpion

1-2 Species

Centipedes and Millipedes

Centipedes: *Geolithormorph* species
 Lithobiomorph species
Millipedes: *Julidae* species
 Narceus americanus
 Paradoxosomatid species
 Spirobolid species

Symphyllan species
Pauropoda species

Small Crustaceans

Copepods: Calanoid species
Cyclops species
Harpactoid species
Isopods: Asellus species
Lirceus species
Seed Shrimp: Eucypris species (green)
Eucypris species
Ostracod species
Sow Bugs: Pill Bug, *Armadellidium vulgarae*
Sow Bug: *Porcellio scaber*
Swamp Scud: Gammaridian Amphipod
Water Fleas: Alona species
Alonella species
Anchistropus minor
Camptocercus species
Ceriodaphnia reticulate
Chydorus species
Daphnia magna
Daphnia rosea
Daphnia species
Disparalona species
Eubosmina species
Moina species
Simocephalus species

Crayfish

Orconectes propinquus
Orconectes virilis

Primitive Insects

Proturan sp.
Dipluran sp.
Firebrat, *Thermobia domestica*
Thrips sp. (from Solarium)
Thrips sp. (on Mullein)

Springtails

3+ species of Elongate Springtails
1 species of Orbatid Springtails

Dragonflies and Damselflies

Common Green Darner, *Anax junius*
Lance-tipped Darner, *Aeshna constricta*
Shadow Darner, *Aeshna umbrosa*
Swamp Darner, *Epiaschna heros*

Jade Clubtail, *Arigomphus submedianus*
Unicorn Clubtail, *Arigomphus villosipes*
Flag-tailed Spinyleg, *Dromogomphus spoliatus*
Common Baskettail, *Epiheca cynosure*
Prince Baskettail, *Epiheca princeps*
Eastern Amberwing, *Perithemis tenara*
Blue Dasher, *Pachydiplax longipennis*
Spot-winged Glider, *Pantala hymenaea*
Wandering glider, *Pantala flavescens*
Autumn Meadowhawk, *Sympetrum vicinum*
Band-winged Meadowhawk, *Sympetrum semicinctorum*
Cherry-faced Meadowhawk, *Sympetrum internum*
Ruby Meadowhawk, *Sympetrum rubicundulum*
Variegated Meadowhawk, *Sympetrum corruptum*
White-faced Meadowhawk, *Sympetrum obstrusum*
Halloween Pennant, *Celithemis eponia*
Common Pondhawk, *Erythemis simplicicollis*
Black Saddlebags, *Tamea lacerata*
Carolina Saddlebags, *Tamea carolina*
Red-mantled Saddlebags, *Tamea onusta*
Twelve-spotted Skimmer, *Libellula pulchella*
Widow Skimmer, *Libellula luctuosa*
Common Whitetail, *Libellula lydia*
Double-striped Bluet, *Enallagma basidens*
Familiar Bluet, *Enallagma civile*
Marsh/Haegen's Bluet, *Enallagma hageni*
Orange Bluet, *Enallagma sigatum*
Rainbow Bluet, *Enallagma antennatum*
River Bluet, *Enallagma anna*
Skimming Bluet, *Enallagma geminatum*
Stream Bluet, *Enallagma exsulans*
Vesper Bluet, *Enallagma vesperum*
Blue-fronted Dancer, *Argia apicalis*
Powdered Dancer, *Argia moesta*
Variable/Violet Dancer, *Argia fumipennis*
Eastern Forktail, *Ischnura verticalis*
Fragile Forktail, *Ischnura posita*
Ebony Jewelwing, *Calopteryx maculata*
American Rubyspot, *Hetaerina titia*
Common Spreadwing, *Lestes disjunctus*
Great Spreadwing, *Archilestes grandis*
Lyre-tipped Spreadwing, *Lestes unguiculatus*
Slender Spreadwing, *Lestes rectangularis*
Spotted Spreadwing, *Lestes congener*

Mayflies

Burrowing Mayfly, *Hexagenia* sp.
Prong-gill Mayfly, *Leptophlebia* sp.
Small Minnow Mayfly, *Callibaetis* sp.

Grasshoppers, Katydid, and Crickets

Carolina Grasshopper, *Dissosteira Carolina*
Camel Cricket, *Ceuthophilus* species
Carolina Ground Cricket, *Eunemobius carolinus*
Field Cricket, *Gryllus* species
Four-spotted Tree Cricket, *Oecanthus quadripunctatus*
House Cricket, *Acheta domestica*
Restless Bush Cricket, *Hapithus agitator*
Round-tipped Conehead, *Neocoocephalus retusus*
Say's Bush Cricket, *Anaxipha exigua*
Striped Ground Cricket, *Allonemobius fasciatus*
Two-spotted Tree Cricket, *Neoxabea bipunctata*
Dawson's Spurthroated Grasshopper, *Melanoplus dawsoni*
Differential Grasshopper, *Melanoplus differentialis*
Bush Katydid, *Scudderia* species
Gladiator Meadow Katydid, *Orchelimum gladiator*
Straight-lanced Meadow Katydid, *Conocephalus strictus*
Striped-faced Meadow Katydid, *Orchelimum concinnum*
Leather-colored Bird Grasshopper, *Schistocerca obscura*
Meadow Purple-striped Grasshopper, *Hesperotettix viridis*
Northern Green-striped Grasshopper, *Chortophaga viridifasciata*
Red-legged Grasshopper, *Melanoplus femurrubrum*
Short-winged Green Grasshopper, *Dichrompha viridis*
Two-striped Grasshopper, *Melanolpus bivittatus*
Two-striped Mermina Grasshopper, *Mermina bivittata*
Wrinkled Grasshopper, *Hipposcus ocelote*

Praying Mantises

Carolina Mantis, *Stagomantis Carolina*
Chinese Mantis, *Tenodera aridifolia*

Walking Sticks

Common Walking Stick, *Diamorpha femorata*

Roaches

Pennsylvania Wood cockroach, *Parcoblatta pennsylvanica*

True Bugs

Ambush Bug, *Phymata pennsylvanica*
Red and Black Aphid species
Assassin Bug, *Sinea spinipes*
Backswimmer, *Notonecta* species
Black Broad-headed Bug, *Alydus eurinus*
Boxelder Bug, *Boisea trivittata*
Broad-shouldered Water Strider, *Rhagovelia* species
Dog Day Cicada, *Tibicen canicularis*
Gall Bug, *Psyllid* species
Giant Water Bug, *Belostoma* species
Harlequin Bug, *Murganthia histrionica*

Leaf-footed Bug species
Candy-striped Leafhopper, *Gnaphocephala coccinea*
Leafhopper, *Coelidia olitoria*
Leafhopper, *Lepyronia* species
Leafhopper, *Paraphlepsius* species
Transcontinental Leafhopper, *Heliochara communis*
Meadow Spittlebug, *Philaenus spumarius*
Milkweed Bug, *Oncopeltus fasciatus*
Small Milkweed Bug, *Lygaeus kalmia*
Plant Bug, *Lopidea* species
Plant Bug, *Neurocolpus nubilus*
Tarnished Plant Bug, *Lygus ineolaris*
Four-lined Plant Bug, *Poecilocapsus lineatus*
Planthopper, *Acanalonia bivittatus*
Pygmy Backswimmer, *Pelocoris* species
Dogbane Spittlebug, *Clastoptera proteus*
Black Spittle Bug, *Prosapia ignipectus*
Squash Bug, *Leptoglossus* species
Squash Bug, *Anasa tristis*
Horned Squash Bug, *Anasa armigera*
Brown Stink Bug, *Euschistus servus*
Green Stink Bug, *Acrosternum hilare*
Stinkbug, *Holostethus limbolaris*
Stinkbug, *Podiscus* species
Two-spotted Stinkbug, *Cosmopepela bimaculata*
Treehopper, *Smilia* species
Treehopper, *Acanalonia bivittata*
Treehopper, *Acutalis brunnea*
Buffalo Treehopper, *Ceresa basalis*
Common Treehopper, *Enchenopa binotata*
Treehopper, *Cyrtolobus* species
Treehopper, *Enchenopa binotata*
Treehopper, *Entylia carinata*
Water Boatman, *Sigara* species
Water Scorpion, *Ranatra* species
Water Strider, *Gerris* species
Short-legged Water Strider, *Microvelia* species

Earwigs

European Earwig, *Forficula auricularia*

Beetles

Six-spotted Tiger Beetle, *Cicindela denikei*
Bess Beetle, *Odontotaenius disjunctus*
Ground Beetle, *Dicaelus* sp.
 Agonum sp.
 Scarites sp.
 Calleida punctata
Yellow Meal Worm, *Tenebrio molitor*

Day-active Firefly, *Lucidota* sp.
Firefly, *Lucidota atra*
Firefly, *Photinus* sp.
Click Beetle sp.
June Bug, *Phyllophaga* sp.
Earth Boring Scarab Beetle, *Geotrupes splendidus*
Pinching Bug, *Pseudolucanus capreolus*
Flower Scarab Beetle, *Trichiotinus affinis*
Japanese Beetle, *Popillia japonica*
Mottled Tortoise Beetle, *Deloyala guttata*
Dogbane Beetle, *Chrysochus auratus*
Multicolored Asian Lady Beetle, *Harmonia axyridis*
Spotted Lady Beetle, *Coleomegilla maculata*
Fire-colored Beetle, *Dendroides canadensis*
Rove Beetle, *Ontholestes cingulatus*
False Darkling Beetle, *Synchoa punctata*
Imported Willow Leaf Beetle, *Plagioderma versicolora*
Predaceous Diving Beetle, *Dytiscus* sp.
Water Scavenger Beetle, *Hydrophilus* sp.
Brown Water Scavenger Beetle sp.
Crawling Water Beetle, *Peltodytes* sp.
Crawling Water Beetle, *Halplus* sp.
Wirlygig Beetle, *Gyrinus* sp.
Soldier Beetle sp.
Pennsylvania Soldier Beetle, *Cauliognathus marginatus*
Red Milkweed Beetle, *Tetraopes tetrophthalmus* sp.
Tumbling flower Beetle sp.
Round Fungus Beetle sp.
Pleasing Fungus Beetle, *Megaldacne* sp.
Metalic Wood Boring Beetle, *Acmaeodera* sp.
Long-horned Leaf Beetle, *Donacia piscatrix*
Flower Longhorn Beetle, *Typocerus velutinus*
2-3 Black Colored Leaf Beetles
2 Brown Colored Leaf Beetles
Leaf Beetle, *Calligrapha lunata*
Leaf Beetle, *Trirhabda* sp.
Milkweed Leaf Beetle, *Labidomera clivicollis*
Northern Corn Rootworm, *Diabrotica barberi*
Western Corn Rootworm, *Diabrotica virgifera*
Colorado Potato Beetle, *Leptinotarsa decemlineata*
Spotted cucumber Beetle, *Diabrotica undecimpunctata*
Rose Curculio Weevil, *Rhynchites bicolor*
2 Black Weevil sp.
Red Elm Weevil, *Pissoides strobi*
Imported Longhorn Weevil, *Calomycterus setarius*

Butterflies and Moths

Butterflies

Banded Hairstreak, *Satyrium calanus*
Buckeye, *Junonia coenia*
Great-spangled Fritillary, *Speyeria cybele*
Cabbage White, *Pieris rapae*
Clouded Sulphur, *Colias philodice*
Orange Sulphur, *Colias eurytheme*
Cloudless Sulphur, *Phoebis sennae*
Little Yellow Butterfly, *Eurema lisa*
Eastern Tailed Blue, *Everes comyntas*
Gray Comma, *Polygonia oreas*
Gray Hairstreak, *Strymon melinus*
Monarch, *Danaus plexippus*
Mourning cloak, *Nymphalis antiopa*
Little Wood Satyr, *Megisto cymela*
Northern Pearly-eye, *Enodia anthedon*
Eyed Brown, *Satyroides Eurydice*
Common Wood Nymph, *Ceryones pegala*
Painted Lady, *Vanessa cardui*
Pearl Creasent, *Phyciodes tharos*
American Snout, *Lybythena carinenta*
Question Mark, *Polygonia interrogationis*
Red Admiral, *Vanessa atalanta*
Red-spotted Purple, *Limenitis arthemis*
Mulberrywing Skipper, *Poanes Massasoit*
Common Sootywing, *Pholisora Catullus*
Sachem, *Atalopedes campestris*
Dion Skipper, *Euphyes dion*
European Skipper, *Thyemicus lineola*
Delaware Skipper, *Anatryone logan*
Fiery Skipper, *Hylephia phyleus*
Least Skipper, *Ancylocypha numitor*
Peck's skipper, *Polites coras*
Silver-spotted skipper, *Epargyreus claus*
Tawny-edged Skipper, *Polites themistocles*
Spring Azure, *Celastrina ladon*
Tiger Swallowtail, *Papilio glauca*
Viceroy, *Limentis archippus*

Moths

Ailianthus Webworm, *Atteva punctella*
Aricigera Flower Moth, *Schinia arcigera*
Bruce spanworm Moth, *Operophtera bruceata*
Cecropia Moth, *Hyalophora cecropia*
Celery Leaf-tier Moth, *Udea rubigalis*
Celery Webworm, *Nomophila nearctica*
Chickweed Geometer Moth, *Haematopsis grataria*

Clover Looper Moth, *Caenurgina crassiuscula*
Common Pug Moth, *Eupithecia miserulata*
Copper Underwing Moth, *Ampipyra pyramidoides*
Corn Earworm Moth, *Helicoverpa zea*
Cross-lined Wave Moth, *Calothysanis amaturania*
European Corn Borer, *Ostina nubalis*
Forage Lopper Moth, *Caenurgina erehtea*
Geometer Moth, *Melanophia canadaria*
Gold-striped Leaf-tier Moth, *Machimia tentoriferella*
Graceful Clearwing Moth, *Haemorrhagia gracilis*
Grapevine, Epimensis Moth, *Psychomorpha epimensis*
Gypsy Moth, *Lymantria dispar*
Hummingbird Clearwing Moth, *Hemaris thysbe*
Larch Lappet Moth, *Tolype larcis*
Lemon Plagodis Moth, *Plagodis serinaria*
Linden Looper Moth, *Erannis tiliaria*
Luna Moth, *Actias luna*
Noctuid Moth species
Owlet Moth species
Pale Beauty Moth, *Compaea perlata*
Pink-bordered Moth, *Phytometra rhodarialis*
Plume Moth species
Polyphemus Moth, *Antheraea polyphemus*
Porcelain Gray Moth, *Protoboarmia porcelaria*
Prominent Moth species
Satellite Sphinx Moth, *Pholus pandorus*
Six-plumed Moth, *Catoptria latiridiella*
Snout Moth, *Pyrausta orphisalis*
Snout moth species
Spotted Aspen Leaf-roller Moth, *Pseudosciaphila duplex*
Squash Vine Borer moth, *Melittia curcubitae*
Straight-toothed Sallow Moth, *Eupsilia vinulenta*
Tiger Moth, *Haploa militaris*
Troticid Moth species
Twirler Moth, *Anaclampsis agrimoniella*
Underwing Moth, *Catacala* species
Virgin tiger Moth, *Grammia virgo*
Virginia Ctenucha Moth, *Ctenucha virginica*
Yellow-dusted Cream Moth, *Cabera erythemaria*
Yellow-necked Caterpillar Moth, *Datana ministra*

Caddisflies

6 species

Lacewings and Fish Flies

Green Lacewing, *Chrysoperla plorabunda*
Fishfly, *Chauloides* sp.

Flies

Ant-like Scavenger Fly, *Sepsis* species
Bee Fly *Bombylius Comanche*
Biting Midge, *Palpomyia* species
Black Crane Fly, *Gnophomyia tristissima*
Black Onion Fly, *Tritoxa incurve*
Blow Fly, *Cynomya cadaverina*
Blue Bottle Fly, *Luycilia sericata*
Common House Fly, *Musca domestica*
Crane Fly, *Conomyia* species
Fruit Fly, *Drosophila melanogaster*
Crane Fly, *Nephrotoma* species
Crane Fly, *Tipula* species
Crane Fly, *Pedicia* species
Dance Fly, *Empis* species
Deer Fly, *Chrysops hanea*
Face Fly, *Musca autumnalis*
Flat-footed Fly, *Polyporivora polypore*
Fleash Fly, *Boettcheria* species
Friendly Fly species
Fungus Gnat species
Green Bottle Fly, *Lucilia sericata*
Horse Fly, *Hybomita* species
Striped Horse Fly, *Tabanus lineola*
Hoverflies *Sphaerophoria* sp.
 Toxomerus geminates
 Toxomerus marginatus
 Allograpta oblique
 Didea fuscipes
 Eristalis dimidiate
 Mallota posticata
 Parhelophius laetus
 Pterallastes thoracicus
 Syrphus grossulariae
 Melanostoma sp.
Large Drain Fly, *Clogmia albipuntatus*
Lonchaeid Fly, *Longchaea* species
Long-legged Fly, *Chrysoma* species
Long-legged Fly, *Condylostylus* species
Long-legged Fly, *Dolichopodid* species
Long-legged Fly, *Neurigona* species
Long-legged Fly, *Plagioneurus univittatus*
Marsh Fly, *Tetanocera* species
Midge, Chironomid species
Midge, *Diamesa* species
Mosquito, *Ades vexans*
Mosquito *Culex pipiens*
Muscid Fly, *Eudasyphora cyanicolor*
Mydas Fly, *Mydas* sp.

Onion Fly, *Tritoxa flexa*
Pictured-wing Fly, *Olites* species
Robber Fly, *Procanthus milbertii*
Robber Fly, *Diogmites basalis*
Robber fly, *Efferia albibaris*
Root Maggot Fly species
Snipe Fly, *Chrysophilus ornatus*
Soldier fly, *Hedriodiscus dorsalis*
Stable Fly, *Stomoxys calcitrans*
Tachinid Fly, *Archytas aterimus*
Tachinid Fly, *Lespesia* species
Tachinid Fly, *Tachinomyia* species
Tachinid Fly, *Uramya* species

Scorpion Flies

Panorpus species

Wasps and Bees

Brachionid Wasp species
Gasteruptid Wasp species
Bumblebee, *Bombus affinis*
Bumblebee, *Bombus impatiens*
Bumblebee, *Bombus ternaries*
Bumblebee, *Bombus vagans*
Carpenter Bee species
Cuckoo Wasp species
Digger Wasp, *Cerceris fumipennis*
Digger Wasp, *Ectemnius stirpicola*
Digger Wasp, *Lestica* species
Digger Wasp, *Oxybelus* species
Grass Carrier Wasp, *Palmodes* species
Great Golden Digger Wasp, *Sphex ichneumoneus*
Honey Bee, *Apis mellifera*
Bald-faced Hornet, *Dolichovespula maculate*
Ichneumonid Wasp, *Dolichomitis* species
Ichneumonid Wasp, *Rhyssa* species
Leaf-cutter Bee, *Megachile frigid*
Mason Bee, *Coelioxys* species
Mason Wasp, *Ancistrocerus antilope*
Mining Bee, *Andrena* species
Mud Dauber Wasp species
European Paper Wasp, *Polistes dimunula*
Paper Wasp, *Polistes annularis*
Paper Wasp, *Polistes bellicosus*
Paper Wasp, *Polistes fuscatus*
Paper Wasp, *Polistes metricus*
Pelucid Wasp, *Pelecinus polyturator*
Sand Wasp, *Bembix Americana*
Sawfly species

Solitary Wasp, *Mellinus abdominalis*
Solitary Wasp, *Trypoxylon* species
Spider Wasp species
Stephanid Wasp species
Sweat Bee, *Agapostemon* species
Sweat Bee, *Lasioglossum zonulum*
Sweat Bee, *Sphecoides* species
Thread-waisted Wasp, *Isodontia mexicana*
Weevil Wasp, *Cercis* species
Wool Carder Bee, *Anthidium manicatum*
Eastern Yellowjacket, *Vespula maculifrons*
European Yellowjacket, *Vespula germanica*
Western Yellowjacket, *Vespula pennsylvanica*

Ants

Prenolepis imparis (tend aphids)
3 black species
3 red species
1 yellow species

Fish

Northern Pike, *Esox lucius*
Common Carp, *Cyprinus carpio*
Grass Carp, *Ctenopharyngodon idella*
Golden Shiner, *Notemigonus chrysoleucas*
Emerald Shiner, *Notropis atherinoides*
White sucker, *Catostomus commersoni*
Smallmouth Buffalo, *Ictobius bubalis*
Black Bullhead, *Ameirus melas*
Yellow Bullhead, *Ameirus natalis*
Channel Catfish, *Ictalurus punctatus*
Black-striped Topminnow, *Fundulus notatus*
Brook Stickleback, *Culaea inconstans*
Large-mouth Bass, *Micropterus salmoides*
Small-mouth Bass, *Micropterus dolomieu*
Bluegill, *Lepomis macrochirus*
Green Sunfish, *Lepomis cyanellus*
Red-eared Sunfish, *Lepomis microlophus*
Pumpkinseed, *Lepomis gibbosus*
Black Crappie, *Pomoxis nigromaculatus*
White Crappie, *Pomoxis annularis*
Walleye, *Stizostedion vitreum*

Reptiles and Amphibians

Tiger Salamander, *Ambystoma tigrina*
American Toad, *Bufo americanus*
Gray Treefrog, *Hyla versicolor*
Green Frog, *Rana clamitans*
Bullfrog, *Rana catesbeiana*

Northern Leopard Frog, *Rana pipiens*
Common Snapping Turtle, *Chelydra serpentina*
Midland Painted Turtle, *Chrysemys picta*
Spiny Softshell Turtle, *Apalone spinifera*
Northern Water Snake, *Nerodia sipedon*
Brown Snake, *Storeia dekayi*
Eastern Garter Snake, *Thamnophis sirtalis*
Chicago Garter Snake, *Thamnophis sirtalis semifasciatus*

Birds

Common Loon
Pied-billed Grebe
Double-crested Cormorant
Great Blue Heron
Great Egret
Green Heron
Black-crowned Night Heron
Least Bittern
Whistling Swan
Mute Swan
Canada Geese
White-fronted Goose
Mallard
Black Duck
Wood Duck
Ring-necked Duck
Canvasback
Lesser Scaup
Common Goldeneye
Bufflehead
Long-tailed Duck
Ruddy Duck
Hooded Merganser
Red-breasted Merganser
Turkey Vulture
Sharp-shinned Hawk
Cooper's Hawk
Red-tailed Hawk
Red-shouldered Hawk
Broad-winged Hawk
Bald Eagle
Marsh Hawk
Peregrine Falcon
American Kestrel
Ring-necked Pheasant
Sandhill Crane
Sora
American Coot
Killdeer

American Woodcock
Common Snipe
Solitary Sandpiper
Greater Yellowlegs
Semipalmated Sandpiper
Herring Gull
Ring-billed Gull
Bonaparte's Gull
Caspian Tern
Rock Dove
Mourning Dove
Great Horned Owl
Common Nighthawk
Chimney Swift
Belted Kingfisher
Black-billed Cuckoo
Northern Flicker
Red-bellied Woodpecker
Red-headed Woodpecker
Downy Woodpecker
Eastern Kingbird
Willow Flycatcher
Least Flycatcher
Eastern Wood Pewee
Horned Lark
Tree Swallow
Rough-winged Swallow
Barn swallow
Cliff Swallow
Purple Martin
Blue Jay
Crow
Black-capped Chickadee
White-breasted Nuthatch
Red-breasted Nuthatch
Brown Creeper
House Wren
Marsh Wren
Winter Wren
Gray Catbird
Brown Thrasher
American Robin
Wood Thrush
Hermit Thrush
Golden-crowned Kinglet
Ruby-crowned Kinglet
Cedar Waxwing
Starling
Red-eyed Vireo

Warbling Vireo
Black and White Warbler
Yellow Warbler
Magnolia Warbler
Yellow-rumped Warbler
Chestnut-sided Warbler
Bay-breasted Warbler
Palm Warbler
Ovenbird
Common Yellowthroat
Northern Waterthrush
American Redstart
House Sparrow
Eastern Meadowlark
Yellow-headed Blackbird
Red-winged Blackbird
Baltimore Oriole
Common Grackle
Brown-headed Cowbird
Cardinal
Rose-breasted Grosbeak
Indigo Bunting
American Goldfinch
Dark-eyed Junco
Savannah Sparrow
Chipping Sparrow
White-throated Sparrow
White-crowned Sparrow
Swamp Sparrow
Song Sparrow
Snow Bunting

Mammals

Opossum, *Didelphis virginiana*
Masked Shrew, *Sorex cinereus*
Short-tailed Shrew, *Blarina brevicauda*
Silver-haired Bat, *Lasionycteris noctivagans*
Little Brown Bat, *Myotis lucifugus*
Mink, *Mustela vison*
Striped Skunk, *Mephitis mephitis*
Raccoon, *Procyon lotor*
Red Fox, *Vulpes vulpes*
Coyote, *Canis latrans*
Beaver, *Castor canadensis*
Muskrat, *Ondatra zibethicus*
Woodchuck, *Marmota monax*
Deer Mouse, *Peromyscus maniculatus*
White-footed Mouse, *Peromyscus leucopus*
Meadow Vole, *Microtus pennsylvanicus*

Meadow Jumping Mouse, *Zapus hudsonius* (not seen since the 1970's)
Eastern Chipmunk, *Tamias striatus*
Thirteen-lined Groundsquirrel, *Spermophilus tridecemlineatus*
Fox Squirrel, *Sciurus niger*
Gray Squirrel, *Sciurus carolinensis*
Eastern Cottontail Rabbit, *Sylvilagus floridanus*
White-tailed Deer, *Odocoileus virginianus*