

Final Species List for Berkshire Biodiversity Day 2024

LOCATION: Berkshire Community College (BCC), Pittsfield, MA

DATE: Friday, September 13 and Saturday, September 14, 2024

TOTAL TALLY OF OBSERVED SPECIES: 503

ARTHROPODS 188 species

INSECTS - 156 species

Coleoptera: Beetles

Common Name

Latin Name

Basswood Leafminer

Baliosus nervosus

Tortoise and Hispine Beetle sp.

Sumitrosis rosea

Black Firefly

Lucidota atra

Water Crawling Beetle

Haliplus fasciatus

Red Turpentine Beetle

Dendroctonus valens

Lepidoptera: Butterflies

Common Name

Latin Name

American Snout

Libytheana carinenta

Clouded Sulphur

Colias philodice

Red Admiral

Vanessa atalanta

Great Spangled Fritillary

Speyeria cybele

Monarch

Danaus plexippus

Pearl Crescent

Phyciodes tharos

American Lady

Vanessa cardui

Wild Indigo Duskywing

Erynnis baptisiae

American Copper

Lycaena phlaeas

Lepidoptera: Moths

Common Name

Latin Name

Milkweed Tussock Moth (caterpillar)

Euchaetes egle

Giant Leopard Moth (caterpillar)

Hypercompe scribonia

Hickory Tussock Moth (caterpillar)

Lophocampa caryae

Common Idia

Idia aemula

Tortix (leafroller) sp.

Tortricidae sp.

Clover Case-bearer

Coleophora alcyonipennella

White-banded Toothed Carpet

Epirrhoe alternata

Large Maple Spanworm

Prochoerodes lineola

Large Yellow Underwing

Noctua pronuba

Sparganothis Fruitworm

Sparganothis sulfureana

Ambiguous Moth

Lascoria ambigualis

Mint Root Borer

Fumibotys fumalis

Bristly Cutowrm		<i>Lacinipolia renigera</i>	
Elegant Grass Veneer		<i>Microcrambus elegans</i>	
Bold Feathered Grass Moth		<i>Herpetogramma pertextalis</i>	
Red Twin Spot		<i>Xanthorhoe spadiceari</i>	
Hollow-Spotted Blepharomastix		<i>Blepharomastix ranalis</i>	
Leaf Blotch Miner Moth sp.		<i>Phyllocnistis vitegenella</i>	
Pygmy Eye-Capped Moth sp.		<i>Ectoedemia sp.</i>	
Dusty Apple Pigmy		<i>Bohemannia pulverosella</i>	
Pygmy Eye-Capped Moth sp.		<i>Stigmella apicialbella</i>	
Pygmy Eye-Capped Moth sp.		<i>Ectoedemia ulmella</i>	
Sumac Leaf Blotch Miner Moth		<i>Caloptilia rhoifoliella</i>	
Poison Ivy Leaf-miner Moth		<i>Cameraria guttifinitella</i>	
Unspotted Tentiform Leafminer Moth		<i>Parornix geminatella</i>	
Pygmy Eye-Capped Moth sp.		<i>Ectoedemia quadrinotata</i>	
Hazel Blotchminer		<i>Cameraria corylisella</i>	
Pygmy Eye-Capped Moth sp.		<i>Stigmella caryaefoliella</i>	
Leaf Blotch Miner Moth sp.		<i>Leucospilapteryx venustella</i>	
Pygmy Eye-Capped Moth sp.		<i>Stigmella prunifoliella</i>	
Witchhazel Leafminer		<i>Cameraria hamameliella</i>	
Section Stigmella oxyacanthella		<i>Stigmella sp.</i>	
Section Stigmella betulicola		<i>Stigmella sp.</i>	
Pygmy Eye-Capped Moth sp.		<i>Ectoedemia rubifoliella</i>	
Ribbed Cocoon-Making Moth sp.		<i>Bucculatrix sp. (Family Bucculatricidae)</i>	
Ribbed Cocoon-Making Moth sp.		<i>Bucculatrix sexnotata</i>	
Leaf Blotch Miner Moth sp.		<i>Cameraria sp.</i>	
Aster Tentiform Blotchminer		<i>Acrocercops astericola</i>	
Beech Midget		<i>Phyllonorycter maestingella</i>	
Leaf Blotch Miner Moth sp.		<i>Parornix obliterella</i>	
Section Stigmella lemniscella		<i>Stigmella sp.</i>	
Maple Leafblotch Miner		<i>Cameraria aceriella</i>	
Pygmy Eye-Capped Moth sp.		<i>Glaucolepis saccharella</i>	
Leaf Blotch Miner Moth sp.		<i>Caloptilia sp.</i>	
Leaf Blotch Miner Moth sp.		<i>Cameraria sp.</i>	
Leaf Blotch Miner Moth sp.		<i>Cameraria sp.</i>	
Dogwood Leafcone		<i>Caloptilia burgessiella</i>	
Shield-Bearing Moth sp.		<i>Antispila freemani</i>	
Casebearing Moth sp.		<i>Coleophora cornella</i>	
Leaf Blotch Miner Moth sp.		<i>Parornix sp.</i>	
Shield-Bearing Moth sp.		<i>Coptodisca splendoriferella</i>	
Pygmy Eye-Capped Moth sp.		<i>Stigmella crataegifoliella</i>	
Large Midget		<i>Phyllonorycter emberizaepenella</i>	

Trumpet Leafminer Moth sp.	<i>Coptotriche admirabilis</i>	
Pygmy Eye-Capped Moth sp.	<i>Stigmella rosaefoliella</i>	
Leaf Blotch Miner Moth sp.	<i>Caloptilia sp.</i>	
White Pine Barkminer Moth	<i>Marmara fasciella</i>	
Leaf Blotch Miner Moth sp.	<i>Phyllocnistis vitegenella</i>	
Leaf Blotch Miner Moth sp.	<i>Phyllocnistis vitifoliella</i>	
Shield-Bearing Moth sp.	<i>Antispila isabella</i>	
Shield-Bearing Moth sp.	<i>Aspilanta oinophylla</i>	
Shield-Bearing Moth sp.	<i>Coptodisca splendoriferella</i>	
Pygmy Eye-Capped Moth sp.	<i>Stigmella prunifoliella</i>	
Apple Skeletonizer Moth	<i>Bucculatrix pomifoliella</i>	
Grass Miner Moth sp.	<i>Perittia herrichiella</i>	
Apsen Serpentine Leafminer Moth	<i>Phyllocnistis populiella</i>	
Blackberry Leafminer Moth	<i>Coptotriche aenea</i>	
Leaf Blotch Miner Moth sp.	<i>Cremastobombycia solidaginis</i>	
Enchanter's Cosmet	<i>Mompha terminella</i>	
Leaf Blotch Miner Moth sp.	<i>Phyllocnistis ampelopsiella</i>	
Shield-Bearing Moth sp.	<i>Aspilanta sp.</i>	
Pygmy Eye-Capped Moth sp.	<i>Stigmella rhamnicola</i>	
Olethreutine Leafroller Moth sp.	<i>Rhopobota sp.</i>	
Gray-edged Hypena	<i>Hypena madefactalis</i>	
Diptera: Flies		
Common Name	Latin Name	
Goldenrod Brussels Sprout Gall Fly	<i>Procecidochares atra</i>	
Goldenrod Bunch Gall Midge	<i>Rhopalomyia solidaginis</i>	
Goldenrod Gall Fly	<i>Eurosta solidaginis</i>	
Complex Phytomyza albiceps group	<i>Phytomyza sp.</i>	
Hornbeam Leaf Gall Midge	<i>Dasineura pudibunda</i>	
Jewelweed Leaf-miner Fly	<i>Phytoliriomyza melampyga</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Calycomyza flavinotum</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Phytomyza loewii</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Calycomyza eupatoriphaga</i>	
Liriomyza Leaf-mining Fly	<i>Liriomyza sp.</i>	
Gall Midge (Subfamily Cecidomyiinae)	<i>Neolasioptera impatientifolia</i>	
Jewelweed Gall Midge	<i>Schizomyia impatientis</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Agromyza sp.</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Phytomyza tigris</i>	
Gall Midge (Subfamily Cecidomyiinae)	<i>Blaesodiplosis crataegifolia</i>	
Root-maggot Fly (Family Anthomyiidae)	<i>Chirosia filicis</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Agromyza vockerothi</i>	
Gall Midge (Subfamily Cecidomyiinae)	<i>Neolasioptera farinosa</i>	

Gall Midge (Subfamily Cecidomyiinae)	<i>Gliaspilota glutinosa</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Liriomyza limopsis</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Cerodontha angulata</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Liriomyza smilacinae</i>	
Root-maggot Fly (Family Anthomyiidae)	<i>Chirosia gleniensis</i>	
Gall Midge (Subfamily Cecidomyiinae)	<i>Neolasioptera linderiae</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Phytomyza crassiseta</i>	
Mosquito	<i>Culex sp.</i>	
Dung Fly (Family Scathophagidae)	<i>Neochirosia nuda</i>	
Goldentop Pedicellate Gall Midge	<i>Rhopalomyia pedicellata</i>	
Gall Midge (Subfamily Cecidomyiinae)	<i>Schizomyia racemicola</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Agromyza vockerothi</i>	
Euthamia Leaf Gall Midge	<i>Asteromyia euthamiae</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Phytomyza agromyzina</i>	
Dogwood Eyespot Gall Midge	<i>Parallelodiplosis subtruncata</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Aulagromyza luteoscutellata</i>	
Gall Midge (Subfamily Cecidomyiinae)	<i>Harmandiola sp.</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Ophiomyia maura</i>	
Carbonifera Goldenrod Gall Midge	<i>Asteromyia carbonifera</i>	
Gall Midge (Subfamily Cecidomyiinae)	<i>Dasineura folliculi</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Ophiomyia parda</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Ophiomyia carolinensis</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Nemorimyza posticata</i>	
Leaf-miner Fly (Family Agromyzidae)	<i>Ophiomyia vockerothi</i>	
Complex Phytomyza ilicis group	<i>Phytomyza sp.</i>	
Daylily Leafminer	<i>Ophiomyia kwansonis</i>	
Milkweed Leaf-miner Fly	<i>Liriomyza asclepiadis</i>	
Hemiptera: True Bugs		
Common Name	Latin Name	
Witch-hazel Cone Gall Aphid	<i>Hormaphis hamamelidis</i>	
Blackberry Psyllid	<i>Phylloplecta tripunctata</i>	
Pale Green Assassin Bug	<i>Zelus luridus</i>	
Northern Flatid Planthopper	<i>Flatormenis proxima</i>	
Brown Stink Bug	<i>Euschistus servus</i>	
Backswimmer	Notonectidae sp.	
Water Boatman	Corixidae sp.	
Large Milkweed Bug	<i>Oncopeltus fasciatus</i>	
Foxglove Aphid	<i>Aulacorthum solani</i>	
Hymenoptera: Ants, Bees, Wasps, Sawflies		
Common Name	Latin Name	
Amber-marked Birch Leaf-miner Sawfly	<i>Profenusa thomsoni</i>	

Small Oak Apple Gall Wasp		<i>Amphibolips quercusostensackenii</i>	
Violet Leafmining Sawfly		<i>Nefusa ambigua</i>	
Common Sawfly sp.		<i>Metallus lanceolatus</i>	
Common Sawfly sp.		<i>Caliroa lobata</i>	
Common Sawfly sp.		<i>Metallus capitalis</i>	
New York Carpenter Ant		<i>Camponotus novaeboracensis</i>	
Northern Paper Wasp		<i>Polistes fuscatus</i>	
Common Eastern Bumblebee		<i>Bombus impatiens</i>	
Megaloptera: Alderflies, Dobsonflies, Fishflies			
Common Name		Latin Name	
Fishfly (larva)		Chauliodinae sp.	
Odonata: Dragonflies & Damselflies			
Common Name		Latin Name	
Damselfly (larva)		Zygoptera sp.	
Dragonfly (larva)		Odonata sp.	
Common Green Darner		<i>Anax junnius</i>	
ARACHNIDS - 29 species			
Acari: Mites			
<i>Oribatida sp.</i> (Oribatid mites)			
<i>Tetranychus sp.</i> (red mites)			
Family Eriophyidae (Gall and Rust Mites)			
<i>Acalitus sp.</i> (Gall and Rust Mites)			
<i>Aceria elongata</i> (Crimson Erineum Mite)			
<i>Vasates aceriscrumena</i> (Maple Spindle Gall Mite)			
<i>Aculops rhois</i> (Poison Ivy Leaf Mite)			
Araneae: Spiders			
<i>Araniella displicata</i>			
<i>Araneus diadematus</i>			
<i>Araneus trifolium</i>			
<i>Dictyna minuta</i>			
<i>Dictyna volucripes</i>			
<i>Emblyna sublata</i>			
<i>Tetragnatha guatemalensis</i>			
<i>Leucage venusta</i>			
<i>Hypsosinga rubens</i>			
<i>Cyclosa conica</i>			
<i>Neriene radiata</i>			
<i>Hypselistes florens</i>			
<i>Philodromus minutus</i>			
<i>Philodromus infuscatus</i>			

<i>Emblyna annulipes</i>				
<i>Philodromus rufus</i>				
<i>Thymoites unimaculatus</i>				
<i>Pelegrina proterva</i>				
<i>Dendryphantes nigermaculatus</i>				
<i>Agelenopsis pennsylvanica</i>				
<i>Cheiracanthium inclusum</i>				
<i>Araneus marmoreus</i>				
MALACOSTRACANS - 1 species				
Decapods				
Common Name			Latin Name	
Crayfish sp.			Decapoda sp.	
HEXAPODS - 2 species				
Collembola: Springtails				
Common Name			Latin Name	
Springtail sp.			<i>Tomocerus vulgaris</i>	
Springtail sp.			<i>Entomobrya clitellaria</i>	
MAMMALS		6 species		
Common Name			Latin Name	
Eastern Cottontail			<i>Sylvilagus floridanus</i>	
Chipmunk			<i>Tamias striatus</i>	
Meadow Vole			<i>Microtus pennsylvanicus</i>	
White-tailed deer (scat)			<i>Odocoileus virginianus</i>	
Coyote (scat)			<i>Canis latrans</i>	
Gray squirrel			<i>Sciurus carolinensis</i>	
BIRDS		84 species		
Common Name			Latin Name	
Gray Catbird			<i>Dumetella carolinensis</i>	
Common Yellowthroat			<i>Geothlypis trichas</i>	
Black-capped Chickadee			<i>Poecile atricapillus</i>	
American Goldfinch			<i>Spinus tristis</i>	
Song Sparrow			<i>Melospiza melodia</i>	
Swainson's Thrush			<i>Catharus ustulatus</i>	
Red-winged Blackbird			<i>Agelaius phoeniceus</i>	
Brown Creeper			<i>Certhia americana</i>	
Rose-breasted Grosbeak			<i>Pheucticus ludovicianus</i>	

Lincoln's Sparrow		<i>Melospiza lincolni</i>	
Swamp Sparrow		<i>Melospiza georgiana</i>	
Common Grackle		<i>Quiscalus quiscula</i>	
Canada Goose		<i>Branta canadensis</i>	
Wood Duck		<i>Aix sponsa</i>	
Mallard		<i>Anas platyrhynchos</i>	
Rock Pigeon		<i>Columba livia</i>	
Mourning Dove		<i>Zenaida macroura</i>	
Green Heron		<i>Butorides virescens</i>	
Great Blue Heron		<i>Ardea herodias</i>	
Turkey Vulture		<i>Cathartes aura</i>	
Bald Eagle		<i>Haliaeetus leucocephalus</i>	
Broad-winged Hawk		<i>Buteo platypterus</i>	
Belted Kingfisher		<i>Megaceryle alcyon</i>	
Yellow-bellied Sapsucker		<i>Sphyrapicus varius</i>	
Red-bellied Woodpecker		<i>Melanerpes carolinus</i>	
Downy Woodpecker		<i>Picoides pubescens</i>	
Pileated Woodpecker		<i>Dryocopus pileatus</i>	
Northern Flicker		<i>Colaptes auratus</i>	
Eastern Phoebe		<i>Sayornis phoebe</i>	
Blue-headed Vireo		<i>Vireo solitarius</i>	
Philadelphia Vireo		<i>Vireo philadelphicus</i>	
Warbling Vireo		<i>Vireo gilvus</i>	
Red-eyed Vireo		<i>Vireo olivaceus</i>	
Blue Jay		<i>Cyanocitta cristata</i>	
American Crow		<i>Corvus brachyrhynchos</i>	
Common Raven		<i>Corvus corax</i>	
Tufted Titmouse		<i>Baeolophus bicolor</i>	
House Wren		<i>Troglodytes aedon</i>	
Carolina Wren		<i>Thryothorus ludovicianus</i>	
European Starling		<i>Sturnus vulgaris</i>	
Brown Thrasher		<i>Toxostoma rufum</i>	
Eastern Bluebird		<i>Sialia sialis</i>	
American Robin		<i>Turdus migratorius</i>	
Cedar Waxwing		<i>Bombycilla cedrorum</i>	
House Sparrow		<i>Passer domesticus</i>	
House Finch		<i>Haemorhous mexicanus</i>	
Purple Finch		<i>Haemorhous purpureus</i>	
Chipping Sparrow		<i>Spizella passerina</i>	
White-throated Sparrow		<i>Zonotrichia albicollis</i>	
Eastern Towhee		<i>Pipilo erythrophthalmus</i>	

American Redstart		<i>Setophaga ruticilla</i>	
Palm Warbler		<i>Setophaga palmarum</i>	
Black-throated Green Warbler		<i>Setophaga virens</i>	
Northern Cardinal		<i>Cardinalis cardinalis</i>	
Barred Owl		<i>Strix varia</i>	
Cooper's Hawk		<i>Astur cooperii</i>	
Red-tailed Hawk		<i>Buteo jamaicensis</i>	
American Kestrel		<i>Falco sparverius</i>	
Alder/Willow Flycatcher		<i>Empidonax alnorum</i>	
Fish Crow		<i>Corvus ossifragus</i>	
Field Sparrow		<i>Spizella pusilla</i>	
Ovenbird		<i>Seiurus aurocapilla</i>	
Magnolia Warbler		<i>Setophaga magnolia</i>	
Hooded Merganser		<i>Lophodytes cucullatus</i>	
Common Merganser		<i>Mergus merganser</i>	
Eastern Whip-poor-will		<i>Antrostomus vociferus</i>	
Ruby-throated Hummingbird		<i>Archilochus colubris</i>	
Killdeer		<i>Charadrius vociferus</i>	
American Woodcock		<i>Scolopax minor</i>	
Sharp-shinned Hawk		<i>Accipiter striatus</i>	
Red-shouldered Hawk		<i>Buteo lineatus</i>	
Great Horned Owl		<i>Bubo virginianus</i>	
Hairy Woodpecker		<i>Leuconotopicus villosus</i>	
Yellow-bellied Flycatcher		<i>Empidonax flaviventris</i>	
White-breasted Nuthatch		<i>Sitta carolinensis</i>	
Red-breasted Nuthatch		<i>Sitta canadensis</i>	
Veery		<i>Catharus fuscescens</i>	
Gray-cheeked Thrush		<i>Catharus minimus</i>	
Hermit Thrush		<i>Catharus guttatus</i>	
Wood Thrush		<i>Hylocichla mustelina</i>	
Savannah Sparrow		<i>Passerculus sandwichensis</i>	
Northern Parula		<i>Setophaga americana</i>	
Pine Warbler		<i>Setophaga pinus</i>	
Scarlet Tanager		<i>Piranga olivacea</i>	
HERPS	11 species		
REPTILES: SNAKES			
Common Name		Latin Name	
Milk Snake		<i>Lampropeltis triangulum</i>	
Garter Snake		<i>Thamnophis sirtalis sirtalis</i>	
Ringneck Snake		<i>Diadophis punctatus</i>	

Redbelly Snake		<i>Storeria occipitomaculata</i>	
Northern Brown Snake		<i>Storeria dekayi</i>	
AMPHIBIANS: FROGS			
Common Name		Latin Name	
American Toad		<i>Anaxyrus americanus</i>	
Wood Frog		<i>Lithobates sylvaticus</i>	
Green Frog		<i>Lithobates clamitans</i>	
Spring Peeper		<i>Pseudacris crucifer</i>	
AMPHIBIANS: SALAMANDERS			
Common Name		Latin Name	
Eastern Red-backed Salamander		<i>Plethodon cinereus</i>	
Eastern Spotted Newt (Eft)		<i>Notophthalmus viridescens</i>	
PLANTS 104 species			
WILDFLOWERS (NATIVE)			
Common Name		Latin Name	
White Baneberry		<i>Actaea pachypoda</i>	
Wild Sarsparilla		<i>Aralia nudicaulis</i>	
Jack-in-the-Pulpit		<i>Arisaema triphyllum</i>	
Common Milkweed		<i>Asclepias syriaca</i>	
Beggartick (unknown species)		<i>Bidens sp.</i>	
Hedge Bindweed		<i>Calystegia sepium</i>	
Partridge Pea		<i>Chamaecrista fasciculata</i>	
Threeleaf Goldthread		<i>Coptis trifolia</i>	
White Wood Aster		<i>Eurybia divaricata</i>	
Orange Jewelweed		<i>Impatiens capensis</i>	
Starflower		<i>Lysimachia borealis</i>	
Mayflower		<i>Maianthemum canadense</i>	
Partridgeberry		<i>Mitchella repens</i>	
Evening-Primrose		<i>Oenothera sp. (probably O. biennis)</i>	
Self-Heal		<i>Prunella vulgaris</i>	
Shinleaf		<i>Pyrola elliptica</i>	
Black Raspberry		<i>Rubus occidentalis</i>	
Dwarf Raspberry		<i>Rubus pubescens</i>	
Swamp Dewberry		<i>Rubus hispidus</i>	
Wild Strawberry		<i>Fragaria virginiana</i>	
New England Aster		<i>Symphyotrichum novae-angliae</i>	
Grape (probably Riverbank, <i>V. riparia</i>)		<i>Vitis sp.</i>	
Wrinkleleaf Goldenrod		<i>Solidago rugosa</i>	
Canada Goldenrod		<i>Solidago canadensis</i>	
Giant Goldenrod		<i>Solidago gigantea</i>	

Grass-Leaved Goldenrod		<i>Euthamia graminifolia</i>	
Spotted Joe-Pye Weed		<i>Eutrochium maculatum</i>	
White snakeroot		<i>Ageratina altissima</i>	
Foamflower		<i>Tiarella cordifolia</i>	
Clematis		<i>Clematis virginiana</i>	
Violet		<i>Viola sp.</i>	
White Avens		<i>Geum canadense</i>	
Allegheny monkeyflower		<i>Mimulus alatus</i>	
WILDFLOWERS (NON-NATIVE)			
Common Name		Latin Name	
Common Yarrow		<i>Achillea millefolium</i>	
Garlic Mustard		<i>Alliaria petiolata</i>	
Common Mugwort		<i>Artemesia vulgaris</i>	
Oriental Bittersweet		<i>Celastrus orbiculatus</i>	
Brown Knapweed		<i>Centaurea jacea</i>	
Bull Thistle		<i>Cirsium vulgare</i>	
Queen Anne's Lace		<i>Daucus carota</i>	
Maiden Pink		<i>Dianthus deltoides</i>	
Robert Geranium		<i>Geranium robertanum</i>	
Purple Loosestrife		<i>Lythrum salicaria</i>	
Common Reed		<i>Phragmites australis</i>	
Knotweed (Japanese or hybrid)		<i>Reynoutria sp.</i>	
Multiflora Rose		<i>Rosa multiflora</i>	
Purple Crownvetch		<i>Securigera varia</i>	
Bladder Campion		<i>Silene vulgaris</i>	
Bittersweet Nightshade		<i>Solanum dulcamara</i>	
Red Clover		<i>Trifolium pratense</i>	
Colt's-Foot		<i>Tussilago farfara</i>	
Great Mullein		<i>Verbascum thapsus</i>	
Heath Speedwell		<i>Veronica officinalis</i>	
Tufted Vetch		<i>Vicia cracca</i>	
Lesser Periwinkle		<i>Vinca minor</i>	
Red Raspberry		<i>Rubus idaeus</i>	
Daylily		<i>Hemerocallis sp.</i>	
TREES & SHRUBS (NATIVE)			
Common Name		Latin Name	
Striped Maple		<i>Acer pensylvanicum</i>	
Red Maple		<i>Acer rubrum</i>	
Sugar Maple		<i>Acer saccharum</i>	
Yellow Birch		<i>Betula alleghaniensis</i>	
Sweet Birch		<i>Betula lenta</i>	

Paper Birch			<i>Betula papyrifera</i>	
River Birch			<i>Betula nigra</i>	
Bitternut Hickory			<i>Carya cordiformis</i>	
Alternate-Leaved Dogwood			<i>Cornus alternifolia</i>	
Silky Dogwood			<i>Cornus amomum</i>	
Gray Dogwood			<i>Cornus racemosa</i>	
Beaked Hazelnut			<i>Corylus cornuta</i>	
Dotted Hawthorn			<i>Crataegus punctata</i>	
Hawthorn (multiple species)			<i>Crataegus sp.</i>	
American Beech			<i>Fagus grandifolia</i>	
White Ash			<i>Fraxinus americana</i>	
Spicebush			<i>Lindera benzoin</i>	
Hophornbeam			<i>Ostrya virginiana</i>	
White Pine			<i>Pinus strobus</i>	
Eastern Cottonwood			<i>Populus deltoides</i>	
Quaking Aspen			<i>Populus tremuloides</i>	
Black Cherry			<i>Prunus serotina</i>	
Chokecherry			<i>Prunus virginiana</i>	
Northern Red Oak			<i>Quercus rubra</i>	
Staghorn Sumac			<i>Rhus typhina</i>	
Elderberry (S. canadensis or S. racemosa)			<i>Sambucus sp.</i>	
Eastern Hemlock			<i>Tsuga canadensis</i>	
Elm (U. americana or U. rubra)			<i>Ulmus sp.</i>	
American Hornbeam			<i>Carpinus caroliniana</i>	
American Witch-hazel			<i>Hamamelis virginiana</i>	
Balsam Poplar			<i>Populus balsamifera</i>	
Winterberry			<i>Ilex verticillata</i>	
TREES & SHRUBS (NON-NATIVE)				
Common Name		Latin Name		
Norway Maple			<i>Acer platanoides</i>	
Japanese Barberry			<i>Berberis thunbergii</i>	
European Beech			<i>Fagus sylvatica</i>	
Glossy Buckthorn			<i>Frangula alnus</i>	
Bush Honeysuckle (multiple species, hybrid)			<i>Lonicera sp.</i>	
Apple (Orchard)			<i>Malus domestica</i>	
European Common Buckthorn			<i>Rhamnus cathartica</i>	
FERNS (NATIVE)				
Common Name		Latin Name		
New York Fern			<i>Amauropelta noveboracensis</i>	
Intermediate Wood Fern			<i>Dryopteris intermedia</i>	
Sensitive Fern			<i>Onoclea sensibilis</i>	

Cinnamon Fern		<i>Osmundastrum cinnamomeum</i>	
Christmas Fern		<i>Polystichum acrostichoides</i>	
Misc. Plant Species			
Common Name		Latin Name	
Poison Ivy		<i>Toxicodendron radicans</i>	
Sedge sp.		<i>Carex sp.</i>	
<i>Parthenocissus sp.</i>		<i>Parthenocissus sp.</i>	
LICHEN	26 species		
Species			
<i>Caloplaca feracissima</i>			
<i>Candelaria concolor</i>			
<i>Candelariella aurella</i>			
<i>Candelariella efflorescens</i>			
<i>Cladonia chlorophaea</i>			
<i>Flavoparmelia caperata</i>			
<i>Hypogymnia physodes</i>			
<i>Lecanora hybocarpa</i>			
<i>Lecanora strobolina</i>			
<i>Lecanora symmicta</i>			
<i>Melanelixia subaurifera</i>			
<i>Myriolecis dispersa</i>			
<i>Parmelia sulcata</i>			
<i>Pertusaria sp. UV + yellow</i>			
<i>Pertusaria sp. UV -ve</i>			
<i>Phaeophyscia pusilloides</i>			
<i>Phaeophyscia rubropulchra</i>			
<i>Physcia adscendens</i>			
<i>Physcia millegrana</i>			
<i>Physcia stellaris</i>			
<i>Punctelia rudecta</i>			
<i>Ramalina farinacea</i>			
<i>Ropalospora chlorantha</i>			
<i>Rusavskia elegans</i>			
<i>Usnea hirta</i>			
<i>Xanthomendoza hasseana</i>			
FUNGI	31 species		
Common Name		Latin Name	
Fomes (unknown species)		<i>Fomes sp.</i>	

Black Tar Spot		<i>Rhytisma acerinum</i>	
False Death Cap		<i>Amanita citrina</i>	
Club-foot Clitocybe		<i>Ampulloclitocybe clavipes</i>	
Common Puffball		<i>Lycoperdon perlatum</i>	
Pear-shaped Puffball		<i>Apioperdon pyriforme</i>	
Common Earthball		<i>Scleroderma citrinum</i>	
Golden Bell		<i>Xeromphalina campanella</i>	
Cystodermella sp.		<i>Cystodermella</i> sp.	
Velvet Root		<i>Flammulina velutipes</i>	
Waxcap sp.		<i>Hygrocybe</i> sp.	
Cortinarius sp.		<i>Cortinarius</i> sp.	
Golden Waxy Cap		<i>Hygrocybe flavescens</i>	
Yellowdrop Milkcap		<i>Lactarius chrysorrheus</i>	
Lackluster Laccaria		<i>Laccaria laccata</i>	
Earthy Inocybe		<i>Inocybe geophylla</i>	
Artist's Bracket		<i>Ganoderma applanatum</i>	
Thin-walled Maze Polypore		<i>Daedaleopsis confragosa</i>	
Funeral Bell		<i>Galerina marginata</i>	
Fragile Russula		<i>Russula fragilis</i>	
Dark brown Russula sp.		<i>Russula</i> sp.	
Dog Vomit Slime Mold		<i>Fuligo septica</i>	
Turkey Tail		<i>Trametes versicolor</i>	
Mealy Tooth Corky Spine Fungus		<i>Hydnellum ferrugineum</i>	
Coral Fungi sp.		<i>Ramariopsis kunzei</i>	
Green Elfcup		<i>Chlorociboria aeruginosa</i>	
Mycena sp.		<i>Mycena</i> sp.	
Common Rustgill		<i>Gymnopilus penetrans</i>	
Dyer's Polypore		<i>Phaeolus schweinitzii</i>	
Orange Witch's Butter		<i>Dacrymyces chrysospermus</i>	
Dothistroma sp.		<i>Dothistroma</i> sp.	
<u>FISH</u>	1 species		
Common Name		Latin Name	
Fathead Minnow		<i>Pimephales promelas</i>	
<u>ALGAE</u>	52 species		
Dinoflagellates		<i>Ceratium hirundinella</i>	
		Peridinium	
		Peridinium sp. 2	
Synurophyceae		Synura	

		Mallomonas	
Chrysophyceae and xanthophyceae		Dinobryon	
		Ophiocytium	
		<i>Pseudogoniochloris tripus</i>	
Diatoms		Cyclotella	
		Navicula	
		Tabellaria	
		Achnanthes	
		<i>Gomphonema acuminatum</i>	
		Nitzschia	
		Cymbopleura	
		Fragilaria	
		Pinnularia	
		Surirella	
		Cymbella	
		Hantzschia	
Green algae		Franceia	
		Dictyosphaerium	
		<i>Ankistrodesmus fusiformis</i>	
		Pediastrum duplex	
		<i>Desmodesmus communis</i>	
		Bulbochaete	
		<i>Stauridium teras</i>	
		Oedogonium	
		<i>Pandorina morum</i>	
		Desmodesmus sp. 2	
Euglenoids		Euglena	
		<i>Phacus longicauda</i>	
		Trachelomonas	
		<i>Lepocinclis acus</i>	
		Lepocinclis cf. spirogyroides	
Streptophyta		Cosmarium	
		<i>Staurastrum tetracerum</i>	
		Staurastrum sp. 2	
		<i>Closterium aciculare</i>	
		Closterium sp. 2	
		Coleochaete	
		<i>Staurodesmus extensus</i>	
Rhizaria		Testate filose amoeba sp. 1	
Raphidophyta		Gonyostomum semen	
Rotifera		Keratella	

Cryptophyta			Cryptomonas		
Crustacea			Daphnia		
Ciliates			Coleps		
Amoebozoa			Arcella		
bacteria			Beggiatoa		
Cyanobacteria			Merismopedia		
			Phormidium		