

OAKTON BIOBLITZ SPECIES LIST 2009

Total Animals = 353

Total Plants = 410

Total Bioblitz Species = 763

<u>Category</u>	<u>Common Name</u>	<u>Latin Name</u>	
<u>Amphibians/Reptiles</u> (11 species)	American Bullfrog	<i>Rana catesbeiana</i>	
	American Toad	<i>Bufo americanus americanus</i>	
	Eastern Red-backed Salamander	<i>Plethodon cinereus</i>	
	Grey Tree frog	<i>Hyla versicolor</i>	
	Northern Green frog	<i>Rana clamitans melanota</i>	
	Northern Spring Peeper	<i>Pseudacris crucifer crucifer</i>	
	Wood Frog	<i>Rana sylvatica</i>	
	Northern Red Salamander	<i>Pseudotriton ruber</i>	
	Northern Leopard Frog	<i>Rana pipiens</i>	
	Red-spotted Newt	<i>Notophthalmus viridescens</i>	
	Garter Snake	<i>Thamnophis sirtalis</i>	
<u>Fish</u> (9 species)	Redfin Pickerel	<i>Esox americanus</i>	
	Central Mudminnow	<i>Umbra limi</i>	
	Fathead Minnows	<i>Pimephalus promelas</i>	
	Bluegill	<i>Lepomis macrochirus</i>	
	Grass Pickerel	<i>Esox americanus vermiculatus</i>	
	Johnny Darter	<i>Etheostoma nigrum</i>	
	Pumpkinseed	<i>Lepomis gibbosus</i>	
	Largemouth Bass	<i>Micropterus salmoides</i>	
	Creek Chub	<i>Semotilus atromaculatus</i>	
<u>Birds</u> (73 species)	Waterfowl	Canada Goose	<i>Branta canadensis</i>
		Mallard	<i>Anas platyrhynchos</i>
	Grouse & Allies	Wild Turkey	<i>Meleagris gallopavo</i>
	Heronlike Birds	Great Blue Heron	<i>Ardea herodias</i>
		Green Heron	<i>Butorides striatus</i>
		Turkey Vulture	<i>Cathartes aura</i>
	Birds of Prey	Cooper's Hawk	<i>Accipiter cooperii</i>
		Red-shouldered Hawk	<i>Buteo lineatus</i>
		Red-tailed Hawk	<i>Buteo jamaicensis</i>

Shorebirds	Killdeer	<i>Charadrius vociferus</i>
Doves & Cuckoos	Mourning Dove	<i>Zenaida macroura</i>
Owls	Barred Owl	<i>Strix varia</i>
Nightjars, Swifts & Hummingbirds	Belted Kingfisher	<i>Ceryle ceryle</i>
	Chimney Swift	<i>Chaetura pelagica</i>
	Ruby-throated hummingbird	<i>Archilochus colubris</i>
Woodpeckers	Downy Woodpecker	<i>Picoides pubescens</i>
	Hairy Woodpecker	<i>Picoides villosus</i>
	Northern Flicker	<i>Colaptes auratus</i>
	Pileated Woodpecker	<i>Dryocopus pileatus</i>
	Red-bellied Woodpecker	<i>Melanerpes carolinus</i>
Flycatchers	Acadian Flycatcher	<i>Empidonax virescens</i>
	Eastern Kingbird	<i>Tyrannus tyrannus</i>
	Eastern Phoebe	<i>Sayornis phoebe</i>
	Eastern Wood Pewee	<i>Contopus virens</i>
	Great Crested Flycatcher	<i>Myiarchus crinitus</i>
	Willow Flycatcher	<i>Empidonax traillii</i>
Shrikes & Vireos	Red-eyed Vireo	<i>Vireo olivaceus</i>
	Warbling Vireo	<i>Vireo gilvus</i>
	White-eyed vireo	<i>Vireo griseus</i>
	Yellow throated vireo	<i>Vireo flavifrons</i>
Jays & Crows	Blue Jay	<i>Cyanocitta cristata</i>
	Common Crow	<i>Corvus brachyrhynchos</i>
Larks & Swallows	Barn Swallow	<i>Hirundo rustica</i>
	N. Rough-winged swallow	<i>Stelgidopteryx serripennis</i>
	Tree Swallow	<i>Iridoprocne bicolor</i>
Chickadees, Nuthatches & Wrens	Black-capped Chickadee	<i>Parus atricapillus</i>
	House Wren	<i>Troglodytes aedon</i>
	Tufted Titmouse	<i>Parus bicolor</i>
	White-breasted Nuthatch	<i>Sitta carolinensis</i>
Kinglets, Bluebirds, & Thrushes	American Robin	<i>Turdus migratorius</i>
	Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>
	Eastern Bluebird	<i>Sialia sialis</i>
	Veery	<i>Catharus fuscescens</i>
	Wood Thrush	<i>Hylochichla mustelina</i>

Mimics, Starlings & Waxwings

Cedar Waxwing
European Starling
Gray Catbird

Bombycilla cedrorum
Sturnus vulgaris
Dumetella carolinensis

Wood Warblers & Tanagers

American Redstart
Blue-winged Warbler
Chestnut-sided Warbler
Common Yellowthroat
Hooded Warbler
Scarlet Tanager
Yellow Warbler

Setophaga ruticilla
Vermivora pinus
Dendroica pensylvanica
Geothlypis trichas
Wilsonia citrina
Piranga olivacea
Dendroica petechia

Sparrows, Grosbeaks & Buntings

Chipping Sparrow
Field Sparrow
House Sparrow
Indigo Bunting
Northern Cardinal
Rose-breasted Grosbeak
Savannah Sparrow
Song Sparrow
Swamp Sparrow
Eastern Towhee

Spizella passerina
Spizella pusilla
Passer domesticus
Passerina cyanea
Cardinalis cardinalis
Pheucticus ludovicianus
Passerculus sandwichensis
Melospiza melodia
Melospiza georgiana
Pipilo erythrophthalmus

Blackbirds & Allies

Baltimore Oriole
Bobolink
Brown-headed Cowbird
Common Grackle
Eastern Meadowlark
Red-winged Blackbird

Icterus galbula
Dolichoonyx oryzivorus
Molothrus ater
Quiscalus quiscula
Sturnella magna
Agelaius phoeniceus

Finchlike Birds

House finch
Purple finch
American Goldfinch

Carpodacus mexicanus
Carpodacus purpureus
Carduelis tristis

Mammals (9 species)**Squirrels**

Fox Squirrel
Eastern Gray Squirrel

Sciurus niger
Sciurus carolinensis

Voles

Meadow Vole
Southern Red-backed Vole

Microtus pennsylvanicus
Clethrionomys gapperi

Other

American Beaver
Eastern Chipmunk
Raccoon
White-tailed Deer
Woodchuck

Castor canadensis
Tamias striatus
Procyon lotor
Odocoileus virginianus
Marmota monax

Insects (235 species)

Orthoptera (9 species) (Crickets/Katydid/Grasshoppers)

Clear-winged Grasshopper	<i>Camnula pellucida</i>
Eastern Shield Back	<i>Atlanticus sp.</i>
Roesel's Katydid	<i>Metrioptera roeselii</i>
Bush katydid nymph	<i>Scudderia sp.</i>
Meadow katydid nymph	<i>Conocephalus sp.</i>
Northern Green-Striped Grasshopper	<i>Chortophaga viridifasciata</i>
Pygmy Grasshopper	<i>Tetrix sublata</i>
Roesel's Katydid nymph	<i>Metrioptera roeselii</i>
Spring Field Cricket	<i>Gryllus veletis</i>

Odonata (32 species) (Dragonflies)

Arrowhead Spiketail	<i>Cordulegaster obliqua</i>
Ashy Clubtail	<i>Gomphus lividus</i>
Black Saddlebags	<i>Tramea lacerata</i>
Blue Dasher	<i>Pachydiplax longipennis</i>
Calico Pennant	<i>Celithemis elisa</i>
Clubtail sp.	
Common Basket-tail	<i>Epithea cynosura</i>
Common Green Darner	<i>Anax junius</i>
Common Whitetail	<i>Plathemis lydia</i>
Dot-Tailed Whiteface	<i>Leucorrhinia intacta</i>
Eastern Pondhawk	<i>Erythemis simplicicollis</i>
Harlequin Darner	<i>Gomphaeschna furcillata</i>
Prince Baskettail	<i>Epithea princeps</i>
Ruby Meadowhawk	<i>Sympetrum rubicundulum</i>
Skimmer dragonfly (larvae)	<i>Libellulidae</i>
Spatdock Darner	<i>Rhionaeschna mutata</i>
Springtime Darner	<i>Basiaeschna janata</i>
Swamp Darner	<i>Epiaeschna heros</i>
Twelve-Spotted Skimmer	<i>Libellula pulchella</i>
Unicorn Clubtail	<i>Arigomphus villosipes</i>
Widow Skimmer	<i>Libellula luctuosa</i>

(Damselflies)

Aurora Damsel	<i>Chromagrion conditum</i>
Azure Bluet	<i>Enallagma aspersum</i>
Eastern Forktail	<i>Ischnura verticalis</i>
Ebony Jewelwing	<i>Calopteryx maculata</i>
Elegant Spreadwing	<i>Lestes inaequalis</i>
Familiar Bluet	<i>Enallagma civile</i>
Fragile Forktail	<i>Ischnura posita</i>
Skimming Bluet	<i>Enallagma geminatum</i>
Slender Spreadwing	<i>Lestes rectangularis</i>
Turquoise Bluet	<i>Enallagma divigans</i>
Violet Dancer	<i>Argia fumipennis violacea</i>

Diptera (42 species)
(Flies)

Biting Midge	
Blackfly	<i>Prosimulium sp.</i>
Blowfly	<i>Lucilia sp.</i>
Bluebottle fly	<i>Cynomya cadaverina</i>
Crane Fly	<i>Ctenophora</i>
Crane Fly	
Dance Fly	<i>Empis sp.</i>
Deerfly	<i>Chrysops hanea</i>
Dung Fly	<i>scathophagidae</i>
Flesh Fly	<i>sarcophagidae sp.</i>
Flower Fly	<i>Allograpta obliqua</i>
Flower Fly	<i>Chrysotoxum sp.</i>
Flower Fly	<i>Eristalis sp.</i>
Fruit Fly	<i>Eutreta sp.</i>
Golden-backed Snipe Fly	<i>Chrysophilus ornatus</i>
Grass Fly	
House Fly	<i>Graphomya maculata</i>
Hover Fly	<i>Microdon sp.</i>
Hover Fly	<i>Toxomeris sp.</i>
Hover Fly	<i>Helophilus sp.</i>
Hover Fly	<i>Spilomyia fusca</i>
Hover Fly	<i>Tropidia sp.</i>
Hoverfly	<i>Tropidia quadrata</i>
Long-legged Fly	<i>Condyllostylus sp.</i>
Long-legged Fly	<i>Hydrophorus sp.</i>
Marsh Fly	<i>sciomyzidae sp.</i>
Marsh Fly	<i>Sepedon sp.</i>
Midge	<i>Chironomus plumosus</i>
Mosquito	<i>Anophales sp.</i>
Moth Fly	
Myzid Fly	<i>Suilla sp.</i>
Phantom Crane Fly	<i>Bittacomorpha sp.</i>
Pyrgotid Fly	<i>Pyrgota sp.</i>
Robber Fly	<i>Laphria sericea</i>
Robber Fly	<i>Laphria thoracica</i>
Robber Fly	<i>Tipulogaster glabrata</i>
Shore Fly	<i>Notiphilia sp.</i>
Snipe Fly	<i>Chrysopilus oranatus</i>
Striped Horse Fly	<i>Tabanus lineola</i>
Tachinid Fly	<i>Leschenaultia sp.</i>
Tachinid Fly	<i>Trichopoda sp.</i>
Maple Leaf Spot Gall	<i>Cecidomyia ocellaris</i>

Hemiptera (24 species)
(True Bugs)

Aphids	<i>Uroleucon cirsii</i>
Burrower Bug	<i>Sehirus sp.</i>
Damsel Bug	<i>Nabucula subcoleoprata</i>
Four-lined Plant Bug	<i>Poecilocapsus lineatus</i>

True Bugs (contd.)

Garden Fleahopper	<i>Halticus bractatus</i>
Green Stink Bug	<i>Acrosternum hilare</i>
Lace Bug	<i>Corythuca sp.</i>
Leaf-footed Bug	<i>Acanthocephala sp.</i>
Leafhopper	<i>Draeculacephala sp.</i>
Lygus Bug	<i>Lygus lineolaris</i>
Meadow Plant Bug	<i>Leptoptera dolabrata</i>
Meadow Spittlebug	<i>Philaenus spumarius</i>
Plant Bug	<i>Stenotus binotatus</i>
Shore Bug	<i>Salda sp.</i>
Stink Bug	<i>Euschistus sp.</i>
Three-cornered Alfalfa Treehopper	<i>Spissistilus festinus</i>
Toad Bug	<i>Gelastocoris sp.</i>
Treehopper	<i>Archasia sp.</i>
Treehopper	<i>Archasia belfragei</i>
Two-spotted Stinkbug	<i>Perillus bioculatus</i>
Water Boatman	
Water Strider	<i>Gerris sp.</i>
Green Leafhopper	<i>Draeculacephala sp.</i>
Meadow Spittlebug	<i>Philaenus spumaris</i>

Hymenoptera (21 species)
(Bees/Wasps/Ants)

Allegheny Mound Ant	<i>Formica exsectoides</i>
Argid Sawfly	
Braconid Wasp	
Common Sawfly	<i>Lagium atrovioleaceum</i>
Digger Bee	<i>Augochlorella sp.</i>
Mining Bee	<i>Andrena sp.</i>
Red Morph Sawfly	<i>Anthophora sp.</i>
Sawfly	<i>Arge humeralis</i>
Sweat Bee	<i>Taxonis sp.</i>
Allegheny Mound Ants	<i>Formica exsectoides</i>
Black Carpenter Ant	<i>Camponotus pennsylvanicus</i>
Braconid Wasp	<i>Atanycolus sp.</i>
Common Thread-waisted Wasp	<i>Ammophila procera</i>
Cuckoo Wasp	<i>Holopyga ventralis</i>
Ichneumon Wasp	<i>Pimpla sp.</i>
Mining Bee	<i>Andrena sp.</i>
Sawfly	<i>Eriocampa sp.</i>
Solitary Wasp	<i>Astata sp.</i>
Terminal Mummy Wasp	<i>Aleiodes terminalis</i>
Yellow Bumble Bee	<i>Bombus fervidus</i>
Oak Apple Gall	<i>Amphibolips confluenta</i>

Coleoptera (22 species)
(Beetles)

6-spotted Tiger Beetle	<i>Cicindela sexguttata</i>
Asian Lady Beetle	<i>Harmonia sp.</i>
Brown Click Beetle	<i>Melanotus sp.</i>
Carrion Beetle	<i>Oiceoptoma novaboracense</i>

Beetles (contd.)

Eucinetid beetle	<i>Eucinetus sp.</i>
Fire colored beetle	<i>Dendroides sp.</i>
Firefly	<i>Photinus sp.</i>
Flower Long-horned beetle	<i>Pidonina sp.</i>
Goldenrod Leafminer	<i>Microrhopala vittata</i>
Ground Beetle	<i>Pterostichus sp.</i>
Ground Beetle	<i>Calosoma sp.</i>
Handsome fungus beetle	
June Bug	<i>Phyllophaga sp.</i>
Leaf Beetle	<i>Oulema collaris</i>
Leaf Beetle	<i>Calligrapha multipunctata</i>
Leaf Beetle	<i>Donacia sp.</i>
Leaf Mining Beetle	<i>Sumitrosis inaequalis</i>
Skeletonizing Leaf Beetle	<i>Trirhabda sp.</i>
Soldier Beetle	<i>Podabrus sp.</i>
Weevil	
Predaceous Diving Beetle	<i>Dytiscidae</i>
Whirlygig Beetle	<i>Gyrinus sp.</i>

Lepidoptera (77 species)

Butterflies

Angle	<i>Semiothisa sp.</i>
Baltimore Checkerspot	<i>Euphydryas phaeton</i>
Black Swallowtail	<i>Papilio polyxenes</i>
Cabbage Butterfly	<i>Pieris rapae</i>
Common Wood Nymph	<i>Cercyonis pegala</i>
Eastern Tailed Blue	<i>Everes comyntas</i>
European Skipper	<i>Thymelicus lineola</i>
Hobomok Skipper	<i>Poanes hobomok</i>
Least Skipper	<i>Ancyloxypha numitor</i>
Little Wood-Satyr	<i>Megisto cymela</i>
Long Dash Skipper	<i>Polites mystic</i>
Mourning Cloak	<i>Nymphalis antiopa</i>
Orange Sulfur	<i>Colias eurytheme</i>
Pearl Crescent	<i>Phyciodes tharos</i>
Peck's Skipper	<i>Polites peckius</i>
Question Mark	<i>Polygonia interrogationis</i>
Red Admiral	<i>Vanessa atalanta rubria</i>
Red-spotted Purple	<i>Limenitis arthemis</i>
Silver-Spotted Skipper	<i>Epargyreus clarus</i>
Spicebush Swallowtail	<i>Papilio troilus</i>
Spring Azure	<i>Celastrina sp.</i>
Summer Azure	<i>Celastrina ladon complex</i>
Tiger Swallowtail	<i>Papilio glaucus</i>
Viceroy	<i>Limentis archippus</i>
Zabulon Skipper	<i>Poanes zabulon</i>

Moths

8-spotted Forester	<i>Alypia octomaculata</i>
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Moths

Ambiguous moth	<i>Lascoria ambigualis</i>
Angle-lined prominent	<i>Clostera inclusa</i>
Bee moth	<i>Aphomia sociella</i>
Big poplar sphinx	<i>Pachysphinx modesta</i>
Brown scoopwing	<i>Calledapteryx dryopterata</i>
Canadian melanolophia	<i>Melanolophia canadensis</i>
Chestnut schizura	<i>Schizura badia</i>
Close-Wings Moth	<i>Crambus sp.</i>
Common gluphisia	<i>Gluphisia septentrionis</i>
Common spring moth	<i>Heliomata cycladata</i>
Crambid Moth	<i>Crambus laqueatellas</i>
Dimorphic gray	<i>Tornos scolopacinarius</i>
Double banded carpet	<i>Spargania magnoliata</i>
False Crocus Geometer	<i>Xanthotype urticaria</i>
Friendly Probole	<i>Probole amicaria</i>
Grapevine Epimenis Moth	<i>Psychomorpha epimenis</i>
Grass Bagworm Moth	<i>Psyche casta</i>
Herald Moth	<i>Scoliopteryx libatrix</i>
Hickory tussock moth	<i>Lophocampa maculata</i>
Hypagyrtis	<i>Hypagyrtis sp.</i>
Isabella tiger moth	<i>Pyrharctia isabella</i>
Lesser Maple Spanworm	<i>Itame pustularia</i>
Lettered zanclognatha	<i>Zanclognatha lituralis</i>
Io moth	<i>Automeris io</i>
Locust twig borer moth	<i>Ecdytolopha insiticiiana</i>
Luna moth	<i>Actias luna</i>
Metarranthis	<i>Metarranthis sp.</i>
Oecophorid moths	<i>Antaeotricha sp.</i>
Pale Beauty	<i>Campaea perlata</i>
Pero	<i>Pero sp.</i>
Plume Moth	<i>Pterophoridae</i>
Promethea moth	<i>Callosamia promethea</i>
Red-humped caterpillar moth	<i>Schizura concinna</i>
Scallop moth	<i>Cepphis armataria</i>
Small-eyed sphinx	<i>Poanias myops</i>
Snowy geometer or White spring moth	<i>Eugonobapta nivosaria or Lomograph</i>
Speckled Green Fruitworm	<i>Orthosia hibisci</i>
Spotted Grass Moth	<i>Rivula propinqualis</i>
Straight-Toothed Sallow	<i>Eupsilia vinulenta</i>
Straw besma	<i>Besma endropiaria</i>
Tiger moth	<i>Apantesis sp.</i>
Unicorn caterpillar moth	<i>Schizura unicornis</i>
Virgin Moth	<i>Protitame virginalis</i>
Walnut sphinx	<i>Laothoe juglandis</i>
Wavy-line heterocampa	<i>Heterocampa biundata</i>
White slant-line	<i>Tetracis cachexiata</i>
White-Striped Black Moth	<i>Trichodezia albiovittata</i>

Moths (contd.)		<i>Choristoneura fractivittana</i> <i>Munroessa icciusalis</i> <i>Synclita oblitalis</i> <i>Palpita magniferalis</i>
Trichoptera (2 species)	Large Caddisflies Northern Caddisflies	<i>Hydatophlax argus</i>
Neuroptera	Green Lacewing	<i>Chrysppidae sp.</i>
Dictyoptera	Praying Mantis egg case	
Mecoptera	Scorpionfly	<i>Panorpa helenae</i>
Ephemeroptera	Small Minnow mayfly	
Phasmatodea	Northern Walkingstick	<i>Diaphenomera femorata</i>
Actinedida	Maple Bladder Gall	<i>Vasates quadrapedes</i>
<u>Arachnida</u> (11 species) (Spiders)	Bowl and Doily Spider Jumping Spider Cobweb Weaver Fishing Spider Eastern Harvestman Elegant Crab Spider Harvestman Long-Jawed Orbweaver Orbweaver Six-Spotted Fishing Spider Wolf Spider	<i>Frontinella sp.</i> <i>Sitticus sp.</i> <i>Theridula sp.</i> <i>Pisaurina mira</i> <i>Leiobunum vittatum</i> <i>Xysticus elegans</i> <i>Leiobunum sp.</i> <i>Tetragnatha sp.</i> <i>Araneidae sp.</i> <i>Dolomedes triton</i> <i>Lycosidae sp.</i>
<u>Crustaceans</u> (3 species)		
Crayfish	Ohio Crayfish Sanborn's Crayfish	<i>Cambarus bartonii cavatus</i> <i>Orconectes sanbourni</i>
Isopoda	Sow bugs	
<u>Other Arthropods</u> (2 species)		
Polydesmida	Greenhouse Millipede	<i>Oxidus gracilis</i>
Lithobiomorpha	Stone Centipede	<i>Lithobiomorpha sp.</i>

Trees/Shrubs (82 species)

Alderleaf buckthorn	<i>Rhamnus alnifolia</i>
Allegheny Serviceberry	<i>Amelanchier laevis</i>
American Beech	<i>Fagus grandifolia</i>
American Crabapple	<i>Malus coronaria</i>
American Elm	<i>Ulmus americana</i>
American Hophornbeam	<i>Ostrya virginiana</i>
American Hornbeam	<i>Carpinus caroliniana</i>
Amur Honeysuckle	<i>Lonicera maackii</i>
Arrowwood	<i>Viburnum recognitum</i>
Ash	<i>Fraxinus sp.</i>
Basswood	<i>Tilia americana</i>
Bayberry	<i>Berberis vulgaris</i>
Big Tooth Aspen	<i>Populus grandidentata</i>
Bitternut Hickory	<i>Carya cordiformis</i>
Black Ash	<i>Fraxinus nigra</i>
Black Locust	<i>Robinia pseudoacacia</i>
Black Willow	<i>Salix nigra</i>
Blackgum	<i>Nyssa sylvatica</i>
Box Elder	<i>Acer negundo</i>
Bristly Greebrier	<i>Smilax tamnoides</i>
Buckthorn	<i>Rhamnus cathartica</i>
Button Bush	<i>Cephalanthus occidentalis</i>
Choke Cherry	<i>Prunus virginiana</i>
Common Alder	<i>Alnus serrulata</i>
Cottonwood	<i>Populus deltoides</i>
Crabapple	<i>Malus sp</i>
Cucumber Magnolia	<i>Magnolia acuminata</i>
Dwarf Raspberry	<i>Rubus hispidus</i>
Eastern White Pine	<i>Pinus strobus</i>
Elderberry	<i>Sambucus canadensis</i>
Elm	<i>Ulmus rubra</i>
Flowering Dogwood	<i>Cornus florida</i>
Glossy Buckthorn	<i>Rhamnus frangula</i>
Gray Dogwood	<i>Cornus racemosa</i>
Green Ash	<i>Fraxinus pennsylvanica</i>
Hawthorne sp.	<i>Crataegus sp.</i>
Highbush Blueberry	<i>Vaccinium corymbosum</i>
Hop Hornbeam	<i>Carpinus virginiana</i>
Ironwood	<i>Carpinus caroliniensis</i>
Japanese Barberry	<i>Berberis thunbergii</i>
Limber honeysuckle	<i>Lonicera dioica</i>
Low Bush Blueberry	<i>Vaccinium angustifolium</i>
Maple-leaved Viburnum	<i>Viburnum acerifolium</i>
Mockernut Hickory	<i>Carya tormentosa</i>

Trees/Shrubs (contd.)

Morrow's Honeysuckle	<i>Lonicera morrowi</i>
Multiflora Rose	<i>Rosa multiflora</i>
Nannyberry Viburnum	<i>Viburnum lentago</i>
Northern Arrowwood	<i>Thelypteris noveboracensis</i>
Pignut Hickory	<i>Pondtderia cordata</i>
Pin Oak	<i>Quercus Palustris</i>
Pussy Willow	<i>Salix discolor</i>
Quaking Aspen	<i>Populus tremuloides</i>
Raspberry	<i>Rubus occidentalis</i>
Red Ash	<i>Fraxinus pennsylvanica var.</i>
Red Maple	<i>Acer rubrum</i>
Red Oak	<i>Quercus rubra</i>
Red Raspberry	<i>Rubus idaeus</i>
Ribes sp	<i>Ribes sp.</i>
Sandbar Willow	<i>Salix interior</i>
Sassafras	<i>Sassafras albidum</i>
Scotch Pine	<i>Pinus sylvestris</i>
Serviceberry	<i>Amelanchier arborea</i>
Shagbark Hickory	<i>Carya ovata</i>
Silky Dogwood	<i>Cornus amomum</i>
Silky Willow	<i>Salix sericea</i>
Silver Maple	<i>Acer saccharinum</i>
Southern Arrowwood	<i>Viburnum dentatum</i>
Spicebush	<i>Lindera benzoin</i>
Staghorn Sumac	<i>Rhus typhina</i>
Steeplebush	<i>Spirea tomentosa</i>
Sugar Maple	<i>Acer saccharum</i>
Summer Grape	<i>Vitus aestivalis</i>
Swamp Rose	<i>Rosa palustris</i>
Tulip	<i>Liriodendron tulipifera</i>
Tupelo	<i>Nyssa sylvatica</i>
Virginia Creeper	<i>Parthenocissus quinquefolia</i>
White Ash	<i>Fraxinus americana</i>
White Oak	<i>Quercus alba</i>
Wild Black Cherry	<i>Prunus serotina</i>
Winterberry	<i>Ilex verticillata</i>
Witch Hazel	<i>Hamamelis virginiana</i>
Yellow Birch	<i>Betula alleghaniensis</i>

Herbaceous (259 species)

Agrimony	<i>Agrimonia gryposepala</i>
Alfalfa	<i>Medicago sativa</i>
Alsike Clover	<i>Trifolium hybridum</i>
American Brooklime	<i>Veronica americana</i>
American bur-reed	<i>Sparganium americanum</i>
Anise Root	<i>Osmorhiza longistylis</i>
Arrow-leaved Tearthumb	<i>Polygonum sagittatum</i>

Herbaceous (contd.)

Aster	<i>Aster sp.</i>
Beechdrops	<i>Epifagus virginiana</i>
Beggars Ticks	<i>Bidens sp.</i>
Bird's-foot Trefoil	<i>Lotus corniculatus</i>
Bitter Dock	<i>Rumex obtusifolia</i>
Pennsylvania Bittercress	<i>Cardamine pennsylvanica</i>
Black Medick	<i>Medicago lupulina</i>
Blackberry	<i>Rubus allegheniensis</i>
Bloodroot	<i>Sanguinaria canadensis</i>
Blue Cohosh	<i>Caulophyllum thalictroides</i>
Blue Vervain	<i>Verbena hastata</i>
Blue-stem Goldenrod	<i>Solidago caesia</i>
Boneset	<i>Eupatorium perfoliatum</i>
Bristly buttercup	<i>Ranunculus nitidus</i>
Bristly dewberry	<i>Rubus hispidus</i>
Bristly Greenbriar	<i>Smilax hispida</i>
Broadleaf Arrowhead	<i>Sagittaria latifolia</i>
Broadleaf Waterleaf	<i>Hydrophyllum canadense</i>
Broad-leaved Cattail	<i>Typha latifolia</i>
Bulb-bearing Water Hemlock	<i>Cicuta bulbifera</i>
Bull Thistle	<i>Cirsium vulgare</i>
Burdock	<i>Arctium minus</i>
Canada Goldenrod	<i>Solidago canadensis</i>
Canada Mayflower	<i>Maianthemum canadense</i>
Canada Thistle	<i>Cirsium arvens</i>
Cattail (hybrid)	<i>Typha X glauca</i>
Clearweed	<i>Pilea pumila</i>
Coltsfoot	<i>Tussilago farfara</i>
Common Chickweed	<i>Stellaria media</i>
Common Bedstraw	<i>Galium asparine</i>
Common Blue Violet	<i>Viola pailionacea</i>
Common Cinquefoil	<i>Potentilla simplex</i>
Common duckmeat	<i>Spirodela polyrhiza</i>
Common Fleabane	<i>Erigeron philadelphicus</i>
Common Milkweed	<i>Asclepias Syriaca</i>
Common Mullen	<i>Verbascum thapsus</i>
Common Plantain	<i>Plantago major</i>
Common Reed	<i>Phragmites australis</i>
Common Speedwell	<i>Veronica officinalis</i>
Common St Johnswort	<i>Hypericum perforatum</i>
Crown Vetch	<i>Coronilla varia</i>
Curled Dock	<i>Oxalis stricta</i>
Cut-leaved Dentaria	<i>Rumex crispus</i>
Cut-leaved toothwort	<i>Cardamine concatenata</i>
Cut-leaved toothwort	<i>Dentaria laciniata</i>
Daisy Fleabane	<i>Erigeron annuus</i>
Dandelion	<i>Taraxacum officinale</i>

Herbaceous (contd.)

Deptford Pink	<i>Dianthus armeria</i>
Doll's eyes/White Baneberry	<i>Actaea pachypoda</i>
Downey Yellow Violet	<i>Viola pubescens</i>
Dwarf Ginseng	<i>Panax trifolius</i>
Dwarf red blackberry	<i>Rubus pubescens</i>
Early Goldenrod	<i>Solidago juncea</i>
Early Meadow Rue	<i>Thalictrum dioicum</i>
Eastern swamp saxifrage	<i>Saxifraga pensylvanica</i>
Enchanter's Nightshade	<i>Ciccaea quadrisculcata</i>
Enchanter's Nightshade	<i>Circaea lutetiana</i>
English Plantain	<i>Plantago lanceolata</i>
European privet	<i>Ligustrum vulgare</i>
Evergreen Woodrush	<i>Luzula carolinea</i>
False Nettle	<i>Boehmeria cylindrica</i>
False Solomon Seal	<i>Smilacina racemosa</i>
Field Hawkweed	<i>Hieracium pratense</i>
Field Sorrel	<i>Rumex acetosella</i>
Flase Mermaid	<i>Floerkea proserpinacoides</i>
Flattened oatgrass	<i>Danthonia compressa</i>
Foamflower	<i>Tiarella cordifolia</i>
Forget-me-nots	<i>Myosotis scorpiodes</i>
Fringed Loosestrife	<i>Lysimachia ciliata</i>
Garlic Mustard	<i>Alliaria petiolata</i>
Giant Burdock	<i>Artium lappa</i>
Giant Ironweed	<i>Vernonia gigantea</i>
Giant Sorrel	<i>Oxalis grandis</i>
Gold Thread	<i>Coptis trifolia</i>
Golden Ragwort	<i>Senecio aureus</i>
Golden Saxifrage	<i>Chrysoplemium americanum</i>
Greenbriar	<i>Smilax rotundifolia</i>
Groundnut	<i>Apois americana</i>
Hairy Boneset	<i>Eupatorium pubescens</i>
Halberd-leaved Tearthumb	<i>Polygonum arifolium</i>
Halberd-leaved Violet	<i>Viola hastata</i>
Heal-all	<i>Prunella vulgaris</i>
Heart-leaf Aster	<i>Aster cordifoilius</i>
Hemlock waterparsnip	<i>Sium suave</i>
Herb Robert	<i>Geranium robertianum</i>
Honewort	<i>Cryptotaenia canadensis</i>
Indian Cucumber Root	<i>Medeleo virginiana</i>
Indian Hemp	<i>Apocynum cannabinum</i>
Ironweed	<i>Vernonia noveboracensis/altissima</i>
Jack-in-the Pulpit	<i>Arisaema atrorubens</i>
Jack-in-the Pulpit	<i>Arisaema triphyllum</i>
Jewelweed	<i>Impatiens capensis</i>
Joe Pye Weed	<i>Eupatorium fistulosum</i>
Lady's Thumb	<i>Polygonum persicaria</i>

Herbaceous (contd.)

Lance-leaved Goldenrod	<i>Solidago graminifolia</i>
Large Duckweed	<i>Lemna major</i>
Large Flowered Trillium	<i>Trillium grandiflorum</i>
Lion's Foot	<i>Prenanthes serpentina</i>
Marsh Bedstraw	<i>Galium palustre</i>
Marsh Blue Violet	<i>Viola cucullata</i>
Marsh Marigold	<i>Caltha palustris</i>
Marsh St. Johnswort	<i>Hypericum virginicum</i>
Marsh/Swamp Violet	<i>Viola palustris</i>
Mayapple	<i>Podophyllum peltatum</i>
Mayflower	<i>Epigaea repens</i>
Meadow Hawkweed	<i>Hieracium caespitosum</i>
Meadowsweet	<i>Spiraea alba</i>
Moneywort	<i>Lysimachia nummularia</i>
Monkey Flower	<i>Mimulus ringens</i>
Morning Glory/Bindweed	<i>Convolvulus sp/Ipomoea sp</i>
Narrow-leaved Cattail	<i>Typha angustifolia</i>
New England Aster	<i>Carex leptoneuria</i>
Northern Bugle Weed	<i>Lycopus virginicus var pauciflorus</i>
Northern Bugle Weed	<i>Viburnum recognitum</i>
Orange Hawkweed	<i>Scirpus americanus</i>
Oxe-eye Daisy	<i>Chrysanthemum leucanthemum</i>
Pachysandra	<i>Pachysandra terminalis</i>
Partridge Berry	<i>mitchella repens</i>
Pickerelweed	<i>Carex plantaginea</i>
Poison Ivy	<i>Toxicodendron radicans</i>
Pokeweed	<i>Phytolacca americana</i>
Privet	<i>Ligustrum vulgare</i>
Purple-stemmed Aster	<i>Aster puniceus</i>
Ragweed	<i>Ambrosia artemisiifolia</i>
Ramps	<i>Allium tricoccum</i>
Red Clover	<i>Trifolium pratense</i>
Red Trillium	<i>Trillium erectum</i>
Riverbank Grape	<i>Vitis riparia</i>
Rough Bedstraw	<i>Galium asprellum</i>
Roundleaf goldenrod	<i>Solidago patula</i>
Round-leaved Wintergreen	<i>Pyrola rotundifolia</i>
Running Strawberry	<i>Euonymus obovatus</i>
Schreber's Aster	<i>Aster schreberi</i>
Sessileleaf bellwort	<i>Uvularia sessilifolia</i>
Skullcap	<i>Scutellaria sp.</i>
Skunk Cabbage	<i>Symplocarpus foetidus</i>
Small Duckweed	<i>Lemna minor</i>
Small White Violet	<i>Viola macloskeyi</i>
Small-flowered Agrimony	<i>Agrimonia parviflora</i>
Smart Weed	<i>Polygonum hydropiperoides</i>
Soloman's Seal	<i>Polygonatum pubescens</i>

Herbaceous (contd.)

Spadderdock	<i>Nuphar variegata</i>
Spadderdock	<i>Nymphoides variegatum</i>
Spotted St. Johnswort	<i>Hypericum punctatum</i>
Star duckweed	<i>Lemna trisulca</i>
Starry false lily of the valley	<i>Smilacina stellata</i>
Swamp Buttercup	<i>Ranunculus hispidus var. nitidus</i>
Swamp Dewberry	<i>Rubus hispida</i>
Sweet Flag	<i>Acorus calamus</i>
Tall Buttercup	<i>Ranunculus acris</i>
Tall Meadow Rue	<i>Thalictrum polygamum</i>
Tall White Lettuce	<i>Prenanthes altissima</i>
Teasel	<i>Dipsacus fullonum</i>
Trout Lily	<i>Erythronium americanum</i>
True Solomon Seal	
Tufted Loosestrife	<i>Lysimachia thyrsiflora</i>
Turtlehead	<i>Chelone glabra</i>
Two-leaved toothwort	<i>Cardamine diphylla</i>
Two-leaved Toothwort	<i>Dentaria diphylla</i>
Violet	<i>Viola sp</i>
Violet Bush Clover	<i>Lespedeza violacea</i>
Violet sp. (tri-lobed or early blue violet)	
Virginia Knotweed/Jump Seed	<i>Polygonum virginiana</i>
Virginia Knotweed/Jump Seed	<i>Tovara virginiana</i>
Virgin's Bower	<i>Clematis virginiana</i>
Water Plantain	<i>Alisma plantago</i>
Water Purslane	<i>Ludwigia palustris</i>
White Avens	<i>Geum canadense</i>
White Clover	<i>Trifolium repens</i>
White Snake Root	<i>Eupatorium rugosum</i>
White Sweet Clover	<i>Melilotus alba</i>
Wild Bergamot	<i>Monarda fistulosa</i>
Wild Black Currant	<i>Ribes americanum</i>
Wild Carrot	<i>Daucus carota</i>
Wild Geranium	<i>Geranium maculatum</i>
Wild Indigo	<i>Baptisia tinctoria</i>
Wild Lettuce	<i>Pernanthes sp.</i>
Wild Madder	<i>Galium mollugo</i>
Wild Madder	<i>Galium mollugo</i>
Wild Oats	<i>Uvalaria sessilifolia</i>
Wild Strawberry	<i>Fragaria virginiana</i>
Willow Herb	<i>Epilbium sp</i>
Witherod/Wild Raisin	<i>Viburnum cassinoides</i>
Wolfiella	<i>Wolfiella gladiata</i>
Wood anemone	<i>Anemone quinquefolia</i>
Wood Sorrel	<i>Oxalis montana</i>
Wrinkleleaf goldenrod	<i>Solidago rugosa</i>
Yarrow	<i>Achillea Millefolium</i>

Herbaceous (contd.)

Yellow Avens	<i>Geum aleppicum</i>
Yellow Hawkweed	<i>Hieracium pilosella</i>
Yellow Jewelweed	<i>Impatiens pallida</i>
Yellow Pond-lily	<i>Nuphar advena</i>
Yellow Sweet Clover	<i>Melilotus officinalis</i>
Yellow Wood Sorrel	<i>Oxalis europea</i>
Zig Zag Goldenrod	<i>Solidago flexicaulis</i>

Sedge/Rush/Grass

awlfruit sedge	<i>Carex stipata</i>
Beak rush	<i>Thynchospora sp.</i>
Beak Rush	<i>Rhynchospora sp.</i>
Blue-eyed grass	<i>Sisyrinchium montanum</i>
Blunt Spikerush	<i>Eleocharis obtusa</i>
Bristlystalked sedge	<i>Carex leptalea</i>
Brome-like sedge	<i>Carex bromoides</i>
Broom Sedge	<i>Carex scoparia</i>
Drooping sedge	<i>Carex prasina</i>
Eastern star sedge	<i>Carex radiata</i>
Fibrous root sedge	<i>Carex communis</i>
Floating Mannagrass	<i>Glyceria septentrionalis</i>
Fowl Blue grass	<i>Poa palustris</i>
Fowl mannagrass	<i>Glyceria striata</i>
fox sedge	<i>Carex vulpinoidea</i>
Graceful sedge	<i>Carex gracillima</i>
Great Bulrush	<i>Scirpus validus</i>
Green Bulrush	<i>Scirpus atrovirens</i>
Grove Bluegrass	<i>Poa alsodes</i>
Hop sedge	<i>Carex lupulina</i>
Japanese Brome	<i>Bromus japonicus</i>
Kentucky bluegrass	<i>Poa pratensis</i>
Longhair sedge	<i>Carex comosa</i>
Longstalk sedge	<i>Carex pedunculata</i>
Melic mannagrass	<i>Glyceria melicaria</i>
Nerveless woodland sedge	<i>Typha angustifolia</i>
Olney's Bluegrass	<i>Lycopus virginicus var pauciflorus</i>
Orchard Grass	<i>Dactylis glomerata</i>
Pale sedge	<i>Carex pallescens</i>
Path Rush	<i>Juncus tenuis</i>
Perrenial Ryegrass	<i>Lolium perenne</i>
Plantain-leaved Sedge	<i>Carex plantain</i>
Prickly bog sedge	<i>Carex atlantica ssp. Atlantica</i>
Quackgrass	<i>Agropyron repens</i>
Reed Canary Grass	<i>Phalaris arundinaceae</i>
Rice cutgrass	<i>Leersia oryzoides</i>
Rosy Sedge	<i>Carex rosea</i>
Rough bluegrass	<i>Poa trivialis</i>

Sedge/Rush/Grass (contd.)

Shallow sedge	<i>Carex lurida</i>
Silvery sedge	<i>Carex canescens</i>
Smooth Brome	<i>Bromus inermis</i>
Soft Rush	<i>Juncus effusus</i>
Softstem Bulrush	<i>Scirpus validus</i>
Softstem Bulrush	<i>Schenoplectus tabernaemontani</i>
Sweet Vernal Grass	<i>Anthoxanthum odoratum</i>
Tapegrass	<i>Vallisneria americana</i>
Tapertip Rush	<i>Juncus acuminatus</i>
Three-way Sedge	<i>Dulichium arundinaceum</i>
Timothy-grass	<i>Phleum pratense</i>
Velvet Grass	<i>Holcus lanatus</i>
Weak stellate sedge	<i>Carex seorsa</i>
White edge sedge	<i>Carex debilis var. rudgei</i>
White Grass	<i>Leersia virginica</i>
	<i>Brachyleytrum</i>
	<i>Carex amphibola var turgida</i>
	<i>Carex granularis</i>
	<i>Carex laevaginata</i>

Ferns (16 species)

Christmas Fern	<i>Polystichum acrostichoides</i>
Cinnamon Fern	<i>Osmunda cinnamomea</i>
Ground Pine	<i>Diphasiaastrum digitatum</i>
Intermediate Wood Fern	<i>Dryopteris intermedia</i>
Interrupted Fern	<i>Osmunda claytoniana</i>
Lady Fern & Red-stemmed Lady	<i>Athyrium filix-femina</i>
Lycopodium	<i>Lycopodium complanatum</i>
Marsh Fern	<i>Thelypteris palustris</i>
New York Fern	<i>Thelypteris novaboracensis</i>
Royal Fern	<i>Osmunda regalis</i>
Sensitive Fern	<i>Onoclea sensibilis</i>
Silvery Glade Fern	<i>Deparia acrostichoides</i>
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>
Grape Fern sp.	<i>Botrychium sp.</i>
	<i>Dryopteris clintoniana</i>
Crested woodfern	<i>Dryopteris cristata</i>

Mosses & Horsetails
Lichens (21 species)

Candlestick Lichen	<i>Cladonia conicraea</i>
Dotted Shield Lichen	<i>Parmelia hypoleucites</i>
Field Horsetail	<i>Equisetum arvens</i>
Flat-branched Club Moss	<i>Lycopodium obscurum</i>
Ground Pine	<i>Diphasiaastrum digitatum</i>
Haircap moss	<i>Polytrichum commune</i>
Matchstick Lichen	<i>Cladonia bacillaris</i>
Moss	<i>Atrichum angustatum</i>

Mosses & Horsetails
Lichens (contd.)

Pincushion Moss
Pixie Cup Lichen
Scouring Rush
Sphagnum Moss

Leucobryum glaucum
Cladonia chlorophaea
Equisetum hyemale
Sphagnum sp.
Brachythecium salebrosum
Climacium americanum
Dicranum scoparium
Ditrichum pallidum
Entodon cladorhizans
Funaria hygrometrica
Mnium cuspidatum
Platygyrium repens
Polytrichum ohioense
Thuidium delicatulum

Fungus (32 species)

Bracket Fungi

Artist Conk
Black Footed Polypore
Broadgill/Platterfull Mushroom
Turkey Tails
Ice Man Polypore
Dryad's Saddle
Rooting Shank
Blackberry Rust
Sulphur Shelf/Chicken Mushroom
Violet Tooth Polypore

Ganoderma applanatum
Polyporus elegans
Megacollybia rodmanii
Trametes versicolor
Piptoporus betulinus
Polyporus squamosus
Xerula furfuracea
Gymnoconia interstitialis
Laetiporus sulphureus
Trichaptum bifforme
Phellinus ignarius
Bjerkandera adusta
Clavicornia pyxidata

Sac Fungi

Candle Snuff Fungus
Cramp Balls/King Alfred's Cakes
Morels
Eyelash Fungi

Xylaria hypoxylon
Daldinia concentrica
Scutellinea scutellata

Coral Fungus

Cockscomb Coral Fungus
Crown Coral

Clavulina cristata
Artomyces pyxidatus

Pink-Spored Mushrooms

Deer Mushroom

Pluteus cervinus

Puffballs

Dog Stinkhorn
Eastern Stinkhorn
Pear-Shaped Puffball

Mycena inclinata
Phallus ravenelii
Lycoperdon pyriforme

Light Spored Mushrooms

Honey Mushroom
Oak Loving Gymnopus

Armillaria mellea
Gymnopus dryophila

Light Spored Mushrooms (contd.)

Orange Mycena
Split Gill

Mycena leaiana
Schizophyllum commune
Xeromphalina tenuipes
Tricholomopsis platyphylla

Jelly Fungus

Black Jelly Roll

Exidia glandulosa

Brown Spored

Pholiota veris

Dark Spored

Psathyrella sp.