

## **Bioblitz 2002**

BioBlitz 2002 was held June 21 -22, 2002, at the Marion Eppley Wildlife Sanctuary. Special Thanks to the Audubon Society of Rhode Island for co-sponsoring BioBlitz 2002!



912 Taxa Counted in Bioblitz 2002

### **Mammals (14)**

Little Brown Myotis, *Myotis lucifugus*  
Humans, *Homo sapiens*  
Eastern Cottontail, *Sylvilagus floridanus*  
Southern Flying Squirrel, *Glaucomys volans*  
Eastern Gray Squirrel, *Sciurus carolinensis*  
Eastern Chipmunk, *Tamias striatus*  
Red Squirrel, Chickaree, *Tamiasciurus hudsonicus*  
American Beaver, *Castor canadensis*  
Common Muskrat, *Ondatra zibethicus*  
White-footed Mouse, *Peromyscus leucopus*  
Coyote, *Canis latrans*  
Common Raccoon, *Procyon lotor*  
Striped Skunk, *Mephitis mephitis*  
White-tailed Deer, *Odocoileus virginianus*

### **Birds (66)**

Green Heron, *Butorides virescens*  
Turkey Vulture, *Cathartes aura*  
Canada Goose, *Branta canadensis*  
Wood Duck, *Aix sponsa*  
Mallard, *Anas platyrhynchos*  
Northern Harrier, *Circus cyaneus*  
Red-shouldered Hawk, *Buteo lineatus*  
Red-tailed Hawk, *Buteo jamaicensis*  
Wild Turkey, *Meleagris gallopavo*  
Mourning Dove, *Zenaida macroura*  
Black-billed Cuckoo, *Coccyzus erythrophthalmus*  
Barred Owl, *Strix varia* Barton  
Whip-poor-will, *Caprimulgus vociferus*  
Chimney Swift, *Chaetura pelagica*  
Ruby-throated Hummingbird, *Archilochus colubris*  
Belted Kingfisher, *Ceryle alcyon*  
Red-bellied Woodpecker, *Melanerpes carolinus*  
Downy Woodpecker, *Picoides pubescens*  
Hairy Woodpecker, *Picoides villosus*  
Northern Flicker, *Colaptes auratus*  
Eastern Wood Pewee, *Contopus virens*  
Acadian Flycatcher, *Empidonax virescens*  
Eastern Phoebe, *Sayornis phoebe*  
Great Crested Flycatcher, *Myiarchus crinitus*  
Eastern Kingbird, *Tyrannus tyrannus*

Red-eyed Vireo, *Vireo olivaceus*  
Blue Jay, *Cyanocitta cristata*  
American Crow, *Corvus brachyrhynchos*  
Tree Swallow, *Tachycineta bicolor*  
Black-capped Chickadee, *Poecile atricapillus*  
Tufted Titmouse, *Baeolophus bicolor*  
Red-breasted Nuthatch, *Sitta canadensis*  
White-breasted Nuthatch, *Sitta carolinensis*  
Brown Creeper, *Certhia americana*  
Carolina Wren, *Thryothorus ludovicianus*  
Blue-gray Gnatcatcher, *Poliophtila caerulea*  
Eastern Bluebird, *Sialia sialis*  
Veery, *Catharus fuscescens*  
Hermit Thrush, *Catharus guttatus*  
Wood Thrush, *Hylocichla mustelina*  
American Robin, *Turdus migratorius*  
Gray Catbird, *Dumetella carolinensis*  
Cedar Waxwing, *Bombycilla cedrorum*  
Yellow Warbler, *Dendroica petechia*  
Magnolia Warbler, *Dendroica magnolia*  
Black-throated Green Warbler, *Dendroica virens*  
Pine Warbler, *Dendroica pinus*  
Black-and-white Warbler, *Mniotilta varia*  
American Redstart, *Setophaga ruticilla*  
Ovenbird, *Seiurus aurocapillus*  
Northern Waterthrush, *Seiurus noveboracensis*  
Common Yellowthroat, *Geothlypis trichas*  
Canada Warbler, *Wilsonia canadensis*  
Scarlet Tanager, *Piranga olivacea*  
Eastern Towhee, *Pipilo erythrophthalmus*  
Chipping Sparrow, *Spizella passerina*  
Field Sparrow, *Spizella pusilla*  
Song Sparrow, *Melospiza melodia*  
Swamp Sparrow, *Melospiza georgiana*  
Northern Cardinal, *Cardinalis cardinalis*  
Red-winged Blackbird, *Agelaius phoeniceus*  
Common Grackle, *Quiscalus quiscula*  
Brown-headed Cowbird, *Molothrus ater*  
Baltimore Oriole, *Icterus galbula*  
Purple Finch, *Carpodacus purpureus*  
American Goldfinch, *Carduelis tristis*

### **Herptiles (13)**

Spotted Salamander, *Ambystoma maculatum*  
Northern Red-backed Salamander, *Plethodon cinereus*  
American Toad, *Bufo americanus*  
Northern Spring Peeper, *Pseudacris crucifer crucifer*  
Bullfrog, *Rana catesbiana*  
Green Frog, *Rana clamitans melanota*  
Wood Frog, *Rana sylvatica*  
Common Snapping Turtle, *Chelydra serpentina serpentina*  
Eastern Painted Turtle, *Chrysemys picta picta*  
Eastern Box Turtle, *Terrapene carolina carolina*  
Northern Ringneck Snake, *Diadophis punctatus edwardsii*  
Eastern Ribbon Snake, *Thamnophis sauritus sauritus*  
Eastern Garter Snake, *Thamnophis sirtalis sirtalis*

**Fish (3)**

Redfin Pickerel, *Esox americanus*

Chain Pickerel, *Esox niger*

Banded Sunfish, *Enneacanthus obesus*

**Arthropoda (476)**

## 1. INSECTA (468)

Miscellaneous (3)

Woolly Oak Gall insect

*Haliticus bractatus*, Garden Fleahopper

*Reticulitermes flavipes*, Termite

Collembola (1)

Springtail

Coleoptera (178)

ADERIDAE (2)

*Zonantes fasciatus*

*Zonantes subfasciatus*

ANOBIIDAE gen sp. (3)

ANTHRIBIDAE (1)

*Trigonorhinus rotundatus*

ATTELABIDAE (2)

*Attalabus bipustulatus*

*Pterocolus ovatus*

BUPRESTIDAE (2)

*Agrilus* sp.

*Brachys* sp.

CANTHARIDAE (5)

gen sp. (4)

*Podabrus tricostatus*

CARABIDAE (21)

*Brachinus* sp.

*Chlaenius sericeus*

*Cicindela sexguttata*

*Clivina americana*

*Colliuris* sp.

*Cymindis* sp. (3)

*Galerita janus*

gen sp (6)

*Harpalinae* sp.

*Lebia* sp.

*Mioptachys* sp.

*Notiophilus* sp.

*Pterostichus* sp.

*Stenolophus comma*

CERAMBYCIDAE (4)

Analeptura lineola  
Monochamus sp.  
Rhagium inquisitor  
Strangaleptura abbreviata

CHRYSOMELIDAE (16)

gen sp. (5)  
Calligrapha sp.  
Chrysolina sp.  
Neochlamius sp.  
Odontota dorsalis  
Odontota scapularis  
Pachybrachis sp. (3)  
Paria sp.  
Plagioderma versicolor  
Spintherophyta globosa

CLERIDAE

Cymatodera sp.  
Gen sp.  
Phyllobaenus sp.

COCCINELLIDAE (8)

Brachiacantha ursina  
Chilocorus stigma  
Coccinella septempunctata  
Coleomegilla maculata  
Harmonia axyridis  
Hippodamia parenthesis  
Propylea quatuordecimpunctata  
Scymnus sp.

COLYDIIDAE gen. sp.(1)

CRYPTOPHAGIDAE (1)

gen sp.

CURCULIONIDAE (15)

Apion ?  
Conotrachelus sp.  
gen sp. (10)  
Mesites sp.  
Sitona sp. (2)

DERMESTIDAE gen sp (1)

DYTISCIDAE (5)

Agabus sp.(3)  
Dytiscus sp.  
gen sp.

ELATERIDAE (14)

Ampedus linteus

Ampedus nigricollis  
gen sp (10)  
Melanotus sp.  
Pseudanostirus heiroglyphicus

ENDOMYCHIDAE (1)  
Mycetina perpulchra

GEOTRUPIDAE (1)  
Bolbocerus sp.

GYRINIDAE (1)  
Dineutes sp.

HETEROCERIDAE (1)  
gen. Sp.

HYDROPHILIDAE (6)  
Enoclerus sp. 1  
Enoclerus sp. 2  
gen sp. (3)  
Hydrochus sp.

LAMPYRIDAE (3)  
Ellychnia corrusca  
Photinus marginellus  
Photuris pennsylvanicus

LANGURIIDAE (1)  
Languria mozardi

LATRIDIIDAE gen sp. (3)

LEODIDAE (1)  
Agathidium sp.

LYCIDAE (1)  
Dictyopterus sp.

LYMEXYLIDAE gen sp. (1)

MELANDRYIDAE (3)  
gen sp.

MORDELIIDAE (3)  
gen. sp.  
Mordellistena cervicallis  
Mordellistena sp.

NITIDULIDAE (3)  
Euparea sp.  
Glischrochilus sp.(2)

PHALACRIDAE (1)

*Stilbus apicalis*

PYROCHROIDAE (1)

*Dendroides* sp.

SCAPHIDIIDAE (1)

gen sp.

SCARABAEIDAE (11)

*Aphodius* sp.

*Ataenius* sp.

*Dichelonyx albicollis*

*Diplotaxis sordida*

*Macroductylus subspinosa*

*Nipponoserica peregrina*

*Phyllophaga* sp. 1

*Phyllophaga* sp. 2

*Phyllophaga* sp. 3

*Serica* sp.

*Serica* sp. 2

SCIRTIDAE gen sp. (4)

SCOLYTIDAE (3)

gen sp.

SCRAPTIIDAE (1)

gen sp.

SILIPHIDAE (2)

*Necrophila americana*

*Nicrophorus orbicollis*

STAPHYLINIDAE (15)

Aleocharinae

*Bledius* sp.

*Gyrophaneus* sp. (2)

*Hesperus baltimorensis*

*Oxyporus* sp.

Pselaphinae

gen. sp.

*Sepedophilus* sp.

Tachyporinae sp. (3)

Xantholinae gen sp. (3)

SYNCHROIDAE (1)

*Synchroa punctata*

TENEBRIONIDAE (5)

gen sp. (3)

*Anaedus brunneus*

*Diaperis maculata*

THROSCIDAE (1)

gen sp.

TROGIDAE (2)

Trox sp. 1

Trox sp. 2

Diptera (13)

Crane-fly (2)

Fly (8)

Mosquito (1)

TABABIDAE (Deerfly) (2)

Ephemeroptera (2)

Mayfly (2)

Hemiptera (5)

PENTATOMIDAE (Stink Bug)

REDUVIIDAE (Thread-legged Bug)

REDUVIIDAE (True Bug) (3)

Homoptera (6)

Leafhopper (3)

APHIDIDAE (Aphid)

CERCOPIIDAE (Spittlebug [on White Pine])

PSYLLIDAE (Plant louse)

Hymenoptera (15)

Wasp

Bumblebee

Carpenter Ant

Red Ants

Bees, ants, etc. (8)

Dolichovespula maculata, Bald-face Hornet

Vespula sp., Yellow Jacket

SPHECIDAE (Digger Wasp)

Lepidoptera (194)

Unknown micro families (4)

APATELODIDAE (1)

Apatelodes torrefacta

ARCTIIDAE (9)

Apantesis nais

Apantesis phalerata

Cygnia tenera

Grammia speciosa

Hyphantria cunea

Lophocampa caryae

Spilosoma congrua

Spilosoma latipennis

Spilosoma virginica, Yellow bear

GEOMETRIDAE (43)

Anacamptodes vellivolta

Besma endropiaria

Biston betularia cognataria

Campaea perlata  
Chloroclystis rectangulata  
Dyspteris arbortivaria  
Epimecis hortaria  
Euchlaena irraria  
Euchlaena muzaria  
Eufidonia convergaria  
Eufidonia notataria  
Eutrapela clemataria  
Glena cribrataria  
Haematopsis grataria  
Homochlodes fritillaria  
Hydria prunivorata  
Hypagyrtis esther  
Hypagyrtis piniata  
Hypagyrtis unipunctata  
Lomographa vestaliata  
Melanolopha canadaria  
Metanema inatomaria  
Metarranthis hypocharia  
Metarranthis pilosaria  
Metarranthis refractaria  
Nacophora quernaria  
Nemoria mimosaria  
Orthonama centrostrigaria  
Orthonama obstipata  
Pero hubneraria  
Plagodis alcoolaria  
Plagodis serinaria  
Probole alienaria  
Protoarmia porcelaria  
Scopula inductata  
Scopula limboundata  
Semiothisa aemulitaria  
Semiothisa bisignata  
Semiothisa minorata  
Semiothisa multilineata  
Semiothisa pinistrobata  
Semiothisa sp. near marmorata  
Tetracis cachexiata

#### HESPERIIDAE (5)

Ancyloxypha numitor, Least Skipperling  
Poanes hobomok, Hobomok Skipper  
Polites mystic, Long Dash Skipper  
Polites peckius, Peck's Skipper  
Thymelicus lineola, European Skipper

#### LASIOCAMPIDAE (1)

Malacosoma americanum

#### LIMACODIDAE (3)

Apoda biguttata  
Packardia geminata

*Tortricidia testacea*

LYCAENIDAE (1)

*Celastrina ladon*, Spring Azure

NOCTUIDAE (57)

*Acronicta haesitata*

*Acronicta increta*

*Acronicta modica*

*Acronicta obliterata*

*Acronicta ovata*

*Agripodes fallax*

*Allotria elonympha*

*Baileya ophthalmica*

*Balsa tristrigella*

*Bellura brehmei*

*Bleptina caradrinalis*

*Bomolocha baltimoralis*

*Caenurgina crassiuscula*

*Chytolita morbidalis*

*Colocasia propinquilinea*

*Elaphria festivoidea*

*Elaphria versicolor*

*Eudryas unio*

*Euplexia benesimilis*

*Galgula partita*

*Hemipachnobia subporphyrea*

*Hormisa orciferalis*

*Hyperstrotia villificans*

*Lacanobia lutra*

*Lacinipolia renigera*

*Lascoria ambigua*

*Leucania insueta*

*Lithacodia bellicula*

*Lithacodia carneola*

*Lithacodia muscosa*

*Lithacodia synochitis*

*Meganola minuscula*

*Meganola phylla*

*Noctua pronuba*

*Nola clethrae*

*Nola pustulata*

*Ochropleura plecta*

*Orthodes cynica*

*Palthis angularis*

*Pangrapta decoralis*

*Panthea furcilla*

*Parallelia bistriaris*

*Phalaenostola larentioides*

*Phosphila miseloides*

*Phosphila turbulenta*

*Platysenta videns*

*Polia detracta*

*Polia latex*

*Polygrammate hebraecium*

*Raphia frater*

Xestia dolosa  
Zale curema  
Zale helata  
Zale horrida  
Zale metatoides  
Zale minerea  
Zanclognatha pedipilalis

NOTODONTIDAE (7)

Datana drexelii  
Heterocampa biundata  
Heterocampa guttivitta  
Hyperaeschra georgica  
Nadata gibbosa  
Schizura ipomoeae  
Symmerista canicosta

NYMPHALIDAE (7)

Coenonympha inornata, Inornate Ringlet  
Limenitis arthemis astyanax, Red Spotted Purple  
Megisto cymela, Little Wood Satyr  
Phyciodes tharos, Pearl Crescent  
Speyeria cybele, Great Spangled Fritillary  
Vanessa atalanta, Red Admiral  
Vanessa virginiensis, American Painted Lady

OECOPHORIDAE (6)

Antaeotricha leucillana  
Antaeotricha schlaegeri  
unknown species (3)

PAPILIONIDAE (1)

Papilio polyxenes, Eastern Black Swallowtail

PIERIDAE (1)

Pieris rapae, European Cabbage White

PTEROPHORIDAE (1)

unknown species

PYRALIDAE (24)

Acrobasis sp.  
Crambus agitatellus  
Crambus laqueatellus  
Diacme elealis  
Munroessa icciusalis  
Ostrinia nubialis  
Palpita magniferalis  
Tetralopha sp.  
unknown species (16)

SATURNIIDAE (3)

Actias luna, Luna Moth  
Anisota virginiensis

Dryocampa rubicunda

SPHINGIDAE (2)

Darapsa pholus

Hemaris thysbe

TORTRICIDAE (13)

Amorbia humerosana

Argyrotaenia alisellana

unknown species (11)

ZYGAENIDAE (2)

Pyromorpha dimidiata

Udea rubigalis

Neuroptera (4)

Dobson/fishfly (2)

CHRYSOPIDAE (lacewing)

MYRMELEONTIDAE (Ant Lion)

Odonata (34)

Anax junius, Common Green Darner

Argia fumipennis, Variable Dancer

Arigomphus villosipes, Unicorn Clubtail

Basiaeschna janata, Springtime Darner

Calopteryx maculata, Ebony Jewelwing

Calypteryx aequabilis, River Jewelwing

Celithemis eponina, Halloween Pennant

Chromagrion conditum, Aurora Damsel

Cordulegaster maculata, Twin-spotted Spiketail

Didymops transversa, Stream Cruiser

Dorocordulia lepida, Petite Emerald

Enallagma daeckii, Attenuated Bluet

Enallagma divigans, Turquoise Bluet

Enallagma hageni, Hagen's Bluet

Epiheca cynosura, Common Baskettail

Epiheca princeps, Prince Baskettail

Erythemis simplicicollis, Green Jacket   Gomphus exilis, Lancet Clubtail

Gomphaeschna furcillata, Harlequin Darner

Ischnura kellicotti, Lilypad Forktail

Ischnura posita, Fragile Forktail

Ischnura verticalis, Common Forktail

Lestes sp., Spreadwing

Leucorrhinia intacta, Dot Tail White Face

Libellula cyanea, Spangled Skimmer

Libellula incesta, Slaty Skimmer

Libellula luctuosa, Widow Skimmer

Libellula lydia, Common Whitetail

Libellula quadrimaculata, Four-spotted Skimmer

Libellula semifasciata, Painted Skimmer

Nasiaeschna pentacantha, Cyrano Darner

Ophiogomphus aspersus, Brook Snaketail

Pachydiplax longipennis, Blue Dasher

Perithemis tenera, Eastern Amberwings

Orthoptera (4)

Grasshopper (2)  
BLATTIDAE (Cockroach)  
TETTIGONIIDAE (Katydid)

Plecoptera (1)  
Stonefly

Trichoptera (8)  
Caddisfly (8)

2. ARACHNIDA (5)  
Garden Spider  
Lone Star Tick  
Deer Tick  
Mite  
Dermacentor variabilis, Dog Tick

3. CHILOPODA (Centipedes) (1)

4. DIPLOPODA (Millipedes) (1)

5. CRUSTACEA (1)  
Decapoda(1)  
Procambarus acutus acutus, Crayfish

Mollusca (2)  
Leopard slug  
Unknown slug

Protista (17)

ALGAE (10)  
Chlorophyta (6)  
Acanthosphaera sp.  
Bambusina brebissonii (desmid)  
Microspora floccosa  
Rhizoclonium hieroglyphicum  
Spirogyra perforans  
Ulothrix tenerrima

Cyanobacteria (1)  
Merismopedia meyer

Diatoms (3)  
Diatoma  
Navicula angusta  
Tabellaria fenestrata

SLIME MOLDS (7)  
Bryoria furcellata  
Myxomycota

ECHINOSTELIACEAE (1)  
Echinostelium sp.

LYCOGALACEAE (2)

Lycogala epidendrum  
Tubifera ferruginosa, Raspberry slime mold

PHYSARACEAE (1)  
Fuligo septica

STEMONITIDACEAE (1)  
Stemonitis spp.

## **Fungi (49)**

ASCOMYCOTA (34)

VALSACEAE (1)  
Cryphonectria parasitica, chestnut blight

CLADONIACEAE (13)

Cladina mitis  
Cladina stellaris  
Cladina subtenuis  
Cladonia macilenta  
Cladonia parasitica  
Cladonia caroliniana  
Cladonia chlorophaea  
Cladonia coniocraea  
Cladonia cristatella  
Cladonia fimbriata  
Cladonia subtenuis  
Cladonia furcata  
Cladonia squamosa

LECANORACEAE (1)  
Lecanora allophana

PANNARIACEAE (15)

Leproloma membranaceum  
Cetraria arenaria  
Flavoparmelia caperata  
Hypogymnia physodes  
Imshaugia aleurites  
Melanelia subaurifera  
Parmelia taractica  
Parmelia squarrosa  
Parmelia succata  
Parmotrema hypotropum  
Parmotrema perforatum  
Punctelia rudecta  
Tuckermannopsis americana  
Usnea strigosa  
Xanthoparmelia somloensis

PHYSICIACEAE (2)

Physcia millegrana  
Physcia stellaris

ICMADOPHILACEAE (1)

Dibaeis baeomyces

GRAPHIDACEAE (1)

Graphis scripta

BASIDIOMYCOTA (15)

CORIOLACEAE (1)

Trametes versicolor

AMANITACEAE (1)

Amanita muscaria, Fly Agaric

COPRINACEA (1)

Psathyrella sp.

ENTOLOMATACEAE (1)

Entoloma sp.

TRICHOLOMATACEAE (2)

Marasmius oreades, Lawn mushroom

Marasmius rotula

BOLETACEAE (2)

Boletus badius

Suillus granulatus

GANODERMATACEAE (2)

Ganoderma applanatum, Artist's Fungus; Artist's Conk

Ganoderma tsugae HYMENOGYNIACEAE (1)

Coltricia cinnamomea

LYCOPERDACEAE (1)

Lycoperdon perlatum, Devil's Snuff Box; Gemmed Puffball

RUSSULACEAE (1)

Russula krombholzii

STEREACEAE (2)

Stereum hirsutum

Stereum ostrea

**Liverworts & True Mosses (Bryophyta) (15)**

PALLAVICINIACEAE (1)

Pallavicinia lyellii (liverwort)

SPHAGNACEAE (5)

Sphagnum sp.

Sphagnum papillorum

Sphagnum imbricatum

Sphagnum quinquefarium

Sphagnum fimbriatum

DICRANACEAE (1)

*Dicranum scoparium*

LEUCOBRYACEAE (1)

*Leucobryum glaucum*

MNIACEAE (1)

*Mnium hornum*

AULACOMNIACEAE (1)

*Aulacomnium heterostichum*

THUIDIACEAE (1)

*Thuidium delicatulum*

HYPNACEAE (1)

*Platygyrium repens*

POLYTRICHACEAE (3)

*Atrichum undulatum*

*Polytrichum* sp.

*Polytrichum commune*

**Vascular Plants (257)**

LYCOPODIACEAE (5)

*Lycopodium hickeyi*, Prince's- or Princess-pine

*Lycopodium obscurum*, Prince's- or Princess-pine

*Lycopodium clavatum*, Staghorn Clubmoss

*Diphasiastrum tristachyum*, Creeping Jenny

*Diphasiastrum digitatum*, Creeping Jenny

OSMUNDACEAE (2)

*Osmunda regalis* var. *spectabilis*, Royal Fern

*Osmunda cinnamomea*, Cinnamon Fern

DENNSTAEDTIACEAE (2)

*Dennstaedtia punctilobula*, Hay-scented Fern, Boulder-fern

*Pteridium aquilinum* var. *latiusculum*, Bracken Fern, Brakes

THELYPTERIDACEAE (3)

*Thelypteris noveboracensis*, New York Fern

*Thelypteris simulata*, Massachusetts Fern

*Thelypteris palustris* var. *pubescens*, Marsh- or Meadow-fern

DRYOPTERIDACEAE (4)

*Athyrium filix-femina*, Northern Lady Fern

*Dryopteris cristata*, Crested Wood-fern

*Dryopteris carthusiana*, Spinulose Wood-fern

*Onoclea sensibilis*, Sensitive Fern

BLECHNACEAE (2)

*Woodwardia virginica*, Virginia Chain-fern

*Woodwardia areolata*, Netted Chain-fern

PINACEAE (3)

*Tsuga canadensis*, Eastern or Canada Hemlock  
*Pinus strobus*, Eastern White Pine  
*Pinus rigida*, Pitch Pine

CUPRESSACEAE (3)

*Chamaecyparis thyoides*, Atlantic or Southern White Cedar  
*Juniperus communis*, Common Juniper  
*Juniperus virginiana*, Northern or Eastern Red Cedar

LAURACEAE (2)

*Sassafras albidum*, Sassafras  
*Lindera benzoin*, Northern Spicebush

NYMPHAEACEAE (2)

*Nuphar variegata*, Yellow Pond Lily  
*Nymphaea odorata*, Fragrant Water-lily

RANUNCULACEAE (5)

*Caltha palustris*, Marsh-marigold, Cowslip  
*Clematis virginiana*, Virgin's Bower  
*Ranunculus bulbosus*, Common or Bulbous Buttercup  
*Thalictrum pubescens*, Tall Meadow-rue  
*Coptis trifolia* var. *pubescens*, Goldthread

HAMAMELIDACEAE (1)

*Hamamelis virginiana*, Witch-hazel

URTICACEAE (1)

*Boehmeria cylindrica*, Bog-hemp

JUGLANDACEAE (2)

*Carya tomentosa*, Mockernut  
*Carya glabra*, Pignut, Pignut-hickory

MYRICACEAE (3)

*Comptonia peregrina*, Sweet Fern  
*Myrica gale*, Sweet Gale  
*Myrica pensylvanica*, Northern Bayberry

FAGACEAE (9)

*Fagus grandifolia*, American Beech  
*Castanea dentata*, American Chestnut  
*Quercus alba*, White Oak  
*Quercus bicolor*, Swamp White Oak  
*Quercus ilicifolia*, Scrub-oak, Bear-oak  
*Quercus velutina*, Black Oak  
*Quercus rubra*, Red Oak  
*Quercus palustris*, Pin-oak  
*Quercus coccinea*, Scarlet Oak

BETULACEAE (5)

*Corylus cornuta*, Beaked Hazelnut  
*Betula alleghaniensis*, Yellow Birch  
*Betula lenta*, Black Birch  
*Betula populifolia*, Gray Birch  
*Alnus serrulata*, Smooth Alder

PHYTOLACCACEAE (1)

*Phytolacca americana*, Pokeweed

CARYOPHYLLACEAE (4)

*Arenaria lateriflora*, Grove-sandwort

*Cerastium vulgatum*, Common Mouse-ear Chickweed

*Stellaria media*, Common Chickweed

*Silene latifolia*, White Campion

POLYGONACEAE (3)

*Rumex acetosella*, Sheep-sorrel

*Rumex obtusifolius*, Broad-leaved Dock

*Polygonum sagittatum*, Arrow-leaved Tearthumb

ELATINACEAE (1)

*Elatine* sp., Waterwort

CLUSIACEAE (4)

*Hypericum ellipticum*, Pale St. John's-wort

*Hypericum perforatum*, Common St. John's-wort

*Hypericum gentianoides*, Orange-grass, Pineweed

*Triadenum virginicum*, Marsh St. John's-wort

SARRACENIACEAE (1)

*Sarracenia purpurea*, Northern Pitcher Plant

DROSERACEAE (1)

*Drosera rotundifolia*, Round-leaved Sundew

CISTACEAE (1)

*Helianthemum canadense*, Frostweed

VIOLACEAE (3)

*Viola pedata*, Bird's-foot Violet

*Viola sagittata*, Northern Downy or Arrow-leaved Violet

*Viola lanceolata*, Lance-leaved Violet

SALICACEAE (6)

*Populus grandidentata*, Big-toothed Aspen

*Populus tremuloides*, Quaking Aspen

*Salix nigra*, Black Willow

*Salix sericea*, Silky Willow

*Salix discolor*, Large Pussy-willow

*Salix humilis*, Gray Willow

BRASSICACEAE (3)

*Lepidium virginicum*, Poor Man's Pepper

*Cardamine pensylvanica*, Pennsylvania Bitter-cress

*Rorippa microphylla*, (small-leaved) Watercress

CLETHRACEAE (1)

*Clethra alnifolia*, Sweet Pepperbush

ERICACEAE (15)

*Rhododendron maximum*, Great Rhododendron or Laurel

Rhododendron viscosum, Swamp-azalea  
Kalmia angustifolia, Sheep-laurel  
Kalmia latifolia, Mountain-laurel  
Lyonia ligustrina, Maleberry  
Eubotrys racemosa, Swamp-fetterbush, Leucothoe  
Chamaedaphne calyculata, Leatherleaf  
Gaultheria procumbens, Wintergreen  
Epigaea repens, Trailing Arbutus  
Vaccinium angustifolium, Common Lowbush-blueberry  
Vaccinium pallidum, Low, Lowbush, or Early Sweet Blueberry  
Vaccinium corymbosum, Highbush Blueberry  
Vaccinium macrocarpon, Large Cranberry  
Gaylussacia frondosa, Dangleberry, Bluetangle  
Gaylussacia baccata, Black Huckleberry

#### PYROLACEAE (3)

Chimaphila maculata, Spotted Wintergreen  
Pyrola elliptica, Shinleaf, Wild Lily-of-the-valley  
Pyrola rotundifolia var. americana, Round-leaved Pyrola

#### MONOTROPACEAE (1)

Monotropa uniflora, Indian Pipe

#### PRIMULACEAE (2)

Lysimachia quadrifolia, Whorled Loosestrife  
Trientalis borealis, Starflower

#### HYDRANGEACEAE (1)

Deutzia scabra, Deutzia

#### ROSACEAE (16)

Spiraea alba, Meadowsweet  
Spiraea tomentosa, Steeple-bush, Hardhack  
Fragaria virginiana, Wild Strawberry  
Potentilla simplex, Common or Old-field Cinquefoil  
Potentilla canadensis, Dwarf Cinquefoil  
Potentilla recta, Sulfur or Rough-fruited Cinquefoil  
Rubus phoenicolasius, Wineberry  
Rubus hispidus, Bristly, Swamp-, or Evergreen Dewberry  
Rubus flagellaris, Northern Dewberry  
Rubus allegheniensis, Common Blackberry  
Rosa palustris, Swamp-rose  
Rosa carolina, Pasture-rose  
Prunus serotina, Wild Black Cherry  
Prunus pensylvanica, Bird-cherry  
Pyrus malus, Apple  
Amelanchier canadensis, Downy Shadbush

#### FABACEAE (5)

Robinia pseudoacacia, Black Locust  
Trifolium pratense, Red Clover  
Trifolium repens, White Clover  
Trifolium dubium, Least Hop-clover  
Apios americana, Groundnut

#### LYTHRACEAE (1)

*Decodon verticillatus*, Water-willow

ONAGRACEAE (1)

*Ludwigia palustris*, Common Water-purslane

CORNACEAE (2)

*Cornus amomum*, Silky Dogwood

*Nyssa sylvatica*, Black Gum, Black Tupelo

CELASTRACEAE (1)

*Celastrus orbiculatus*, Asiatic Bittersweet

AQUIFOLIACEAE (2)

*Ilex opaca*, American Holly

*Ilex verticillata*, Winterberry, Black Alder

RHAMNACEAE (1)

*Rhamnus cathartica*, Common Buckthorn

VITACEAE (2)

*Parthenocissus quinquefolia*, Virginia Creeper, Woodbine

*Vitis labrusca*, Fox-grape

POLYGALACEAE (2)

*Polygala polygama*, Racemed Milkwort

*Polygala verticillata*, Whorled Milkwort

ACERACEAE (1)

*Acer rubrum*, Red Maple

ANACARDIACEAE (2)

*Toxicodendron vernix*, Poison Sumac

*Toxicodendron radicans*, Common Poison Ivy

OXALIDACEAE (1)

*Oxalis stricta*, Common Yellow Wood-sorrel

BALSAMINACEAE (1)

*Impatiens capensis*, Spotted Jewelweed

ARALIACEAE (2)

*Aralia nudicaulis*, Wild Sarsaparilla

*Aralia hispida*, Bristly Sarsaparilla

APIACEAE (2)

*Hydrocotyle americana*, Marsh-pennywort

*Sium suave*, Water-parsnip

APOCYNACEAE (2)

*Apocynum androsaemifolium*, Spreading Dogbane

*Apocynum cannabinum*, Indian Hemp

ASCLEPIADACEAE (2)

*Asclepias incarnata* var. *pulchra*, Swamp-milkweed

*Asclepias syriaca*, Common Milkweed

POLEMONIACEAE (1)

*Phlox* sp., Garden Phlox

LAMIACEAE (3)

*Mentha arvensis*, Wild Mint

*Lycopus virginicus*, Virginia Water-horehound

*Lycopus americanus*, American or Cut-leaved Water-horehound

PLANTAGINACEAE (1)

*Plantago major*, Common Plantain

OLEACEAE (1)

*Fraxinus americana*, White Ash

SCROPHULARIACEAE (4)

*Verbascum thapsus*, Common Mullein

*Chelone glabra*, White Turtlehead

*Linaria canadensis*, var. *canadensis*, Blue Toadflax

*Melampyrum lineare*, Cow-wheat

CAMPANULACEAE (1)

*Lobelia spicata*, Pale-spike or Spiked Lobelia

RUBIACEAE (5)

*Hedyotis caerulea*, Bluets

*Mitchella repens*, Partridge-berry

*Cephalanthus occidentalis*, Buttonbush

*Galium mollugo*, Wild Madder, Bedstraw

*Galium palustre*, Marsh-bedstraw

CAPRIFOLIACEAE (2)

*Viburnum dentatum* var. *lucidum*, Northern or Common Arrowwood

*Viburnum nudum* var. *cassinoides*, Witherod, Northern Wild Raisin

ASTERACEAE (15)

*Rudbeckia hirta*, Black-eyed Susan, Yellow Daisy

*Achillea millefolium* ssp. *millefolium*, Common Yarrow, Milfoil

*Chrysanthemum leucanthemum*, Ox-eye Daisy

*Senecio aureus*, Golden Ragwort

*Chrysopsis falcata*, Sickle-leaved Golden Aster

*Solidago rugosa*, Rough Goldenrod

*Euthamia graminifolia*, Grass-leaved Goldenrod

*Euthamia tenuifolia*, Fine Grass-leaved

*Erigeron strigosus*, Daisy-fleabane

*Eupatorium dubium*, Three-nerved or Coastal-plain Joe-Pye-Weed

*Prenanthes trifoliolata*, Gall-of-the-earth

*Hieracium floribundum*, Pale Hawkweed

*Hieracium caespitosum*, Yellow Hawkweed

*Hieracium piloselloides*, Glaucous King-devil Common Dandelion

*Tragopogon* sp., Goat's-beard

ALISMATACEAE (1)

*Sagittaria latifolia*, Broad-leaved Arrowhead

HYDROCHARITACEAE (1)

*Vallisneria americana*, Wild Celery, Water-celery, Tapegrass

POTAMOGETONACEAE (2)

Potamogeton epihydrus, Ribbonleaf-pondweed

Potamogeton sp., pondweed

ARACEAE (5)

Symplocarpus foetidus, Skunk-cabbage

Peltandra virginica, Arrow-arum

Calla palustris, Wild Calla

Arisaema triphyllum var. stewardsonii, Jack-in-the-pulpit

Arisaema triphyllum var. pusillum, Small Jack-in-the-pulpit

JUNCACEAE (6)

Juncus tenuis var. tenuis, Path-rush

Juncus tenuis var. dudleyi, (Dudley's) Path-rush

Juncus greenii, (Greene's) Rush

Juncus effusus var. solutus, Soft Rush

Juncus canadensis, Canada Rush

Luzula multiflora, Common Woodrush

CYPERACEAE (25)

Eriophorum virginicum, Tawny Cotton-grass

Eleocharis sp., Spike-rush

Dulichium arundinaceum, Three-way Sedge

Carex atlantica ssp. capillacea

Carex abscondita, (Concealed) Sedge

Carex cephalophora, (bearing heads) Sedge

Carex interior, Inland Sedge

Carex laevivaginata, (smooth-sheathed) Sedge

Carex trisperma, Three-seeded Sedge

Carex atlantica, Eastern Sedge

Carex tribuloides, Blunt Broom-sedge

Carex tenera, (slender) Sedge

Carex albicans var. emmonsii, Emmons' Sedge

Carex pennsylvanica, Early Sedge

Carex lucorum (woodland) Sedge

Carex debilis var. rudgei, Rudge's Sedge

Carex virescens, Ribbed Sedge

Carex swanii, Swan's Sedge

Carex vestita, Stiff Sedge

Carex gynandra, Sedge

Carex stricta, Tussock Sedge

Carex folliculata, Long Sedge

Carex vesicaria, Inflated Sedge

Carex lurida, (reddish-yellow) Sedge

Carex intumescens, Bladder-sedge

Carex lupulina, Hop-sedge

POACEAE (17)

Leersia oryzoides, Rice Cutgrass

Festuca pratensis, Meadow-fescue, Tall Fescue

Festuca filiformis, Hair Fescue

Festuca ovina, Sheep-fescue, Hard Fescue

Puccinellia pallida, Pale Manna-grass

Dactylis glomerata, Orchard-grass

Glyceria canadensis, Rattlesnake Mannagrass

*Glyceria striata*, Fowl-meadow Grass  
*Deschampsia flexuosa*, Common or Wavy Hairgrass  
*Holcus lanatus*, Common Velvet-grass  
*Anthoxanthum odoratum*, Sweet Vernal Grass  
*Phleum pratense*, Meadow- or Common Timothy  
*Secale cereale*, Cultivated Rye  
*Danthonia compressa*, Woodland-oatgrass, Poverty-oatgrass  
*Panicum depauperatum*, (impoverished) Panic-grass  
*Panicum clandestinum*, Deertongue, (hidden) Panic-grass  
*Andropogon virginicus*, Broom-sedge  
*Schizachyrium scoparium*, Little Bluestem

#### SPARGANIACEAE (1)

*Sparganium americanum*, Common Bur-reed

#### PONTEDERIACEAE (1)

*Pontederia cordata*, Pickerelweed

#### LILIACEAE (7)

*Veratrum viride*, Green Hellebore  
*Allium canadense*, Wild Garlic  
*Lilium superbum*, Turk's-cap Lily  
*Medeola virginiana*, Indian Cucumber-root  
*Uvularia sessilifolia*, Wild Oats, Sessile Bellwort  
*Maianthemum canadense*, Wild Lily-of-the-valley, Canada Mayflower  
*Convallaria majalis*, Lily-of-the-valley

#### SMILACACEAE (2)

*Smilax glauca*, Sawbrier, Wild Sarsaparilla  
*Smilax rotundifolia*, Bullbrier

#### IRIDACEAE (3)

*Sisyrinchium angustifolium*, (narrow-leaved) Blue-eyed Grass  
*Iris prismatica*, Slender Blue Flag  
*Iris versicolor*, Northern Blue Flag

#### ORCHIDACEAE (2)

*Cypripedium acaule*, Pink Lady's-slipper  
*Platanthera lacera*, Ragged Fringed Orchid