

**Virginia Bioblitz 2004**

**Virginia Commonwealth University's Rice Center**

**June 12-13**

Unique species identified during Bioblitz:

Amphibian	12
Bird	64
Fish	23
Invertebrate	382
Mammal	14
Nonvascular Plant	26
Reptile	15
Vascular Plant	267
Total Species	803

Species List, by Taxonomic Group, Order, and Family

## Amphibian

### Anura

#### Bufonidae

*Bufo fowleri*

*Bufo americanus*

#### Hylidae

*Acris crepitans*

*Hyla chrysoscelis*

#### Microhylidae

*Gastrophryne carolinensis*

#### Ranidae

*Rana catesbeiana*

*Rana clamitans*

*Rana palustris*

*Rana sphenoccephala*

### Caudata

#### Ambystomatidae

*Ambystoma maculatum*

Plethodontidae

*Plethodon chlorobryonis*

Salamandridae

*Notophthalmus viridescens*

Reptile

Squamata

Colubridae

*Carphophis amoenas*

*Coluber constrictor*

*Elaphe obsoleta*

*Nerodia sipedon*

*Storeria dekayi*

Scincidae

*Eumeces fasciatus*

*Scincella lateralis*

Viperidae

*Agkistrodon contortrix*

Testudines

Chelydridae

*Chelydra serpentina*

Emydidae

*Chrysemys picta*

*Kinosternon subrubrum*

*Pseudemys concinna*

*Terrapene carolina*

*Trachymys scripta*

Kinosternidae

*Sternotherus odoratus*

Bird

Anseriformes

Anatidae

*Branta canadensis*

*Aix sponsa*

*Anas platyrhynchos*

Apodiformes

Apodidae

*Chaetura pelagica*

Charadriiformes

Laridae

*Larus argentatus*

*Larus atricilla*

Ciconiiformes

Ardeidae

*Ardea herodias*

*Butorides virescens*

Cathartidae

*Cathartes aura*

*Coragyps atratus*

Columbiformes

Columbidae

*Columba fasciata*

*Zenaida macroura*

Coraciiformes

Cerylidae

*Ceryle alcyon*

Cuculiformes

Coccyzidae

*Coccyzus americanus*

Falconiformes

Accipitridae

*Buteo jamaicensis*

*Buteo lineatus*

*Haliaeetus leucocephalus*

*Pandion haliaetus*

Galliformes

Phasianidae

*Meleagris gallopavo*

Passeriformes

Bombycillidae

*Bombycilla cedrorum*

Cardinalidae

*Passerina caerulea*

*Passerina cyanea*

Corvidae

*Cyanocitta cristata*

*Corvus brachyrhynchos*

*Corvus ossifragus*

Emberizidae

*Spizella passerina*

Fringillidae

*Carduelis tristis*

*Quiscalus quiscula*

*Cardinalis cardinalis*

Hirundinidae

*Hirundo rustica*

*Petrochelidon pyrrhonota*

*Progne subis*

*Stelgidopteryx serripennis*

*Tachycineta bicolor*

#### Icteridae

*Agelaius phoeniceus*

*Icterus spurius*

*Molothrus ater*

*Baeolophus bicolor*

*Poecile carolinensis*

#### Parulidae

*Dendroica dominica*

*Dendroica pinus*

*Parula americana*

*Protonotaria citrea*

*Seiurus aurocapillus*

*Seiurus motacilla*

#### Sittidae

*Sitta canadensis*

#### Sylviidae

*Polioptila caerulea*

Thraupidae

*Piranga rubra*

Troglodytidae

*Thryothorus ludovicianus*

Turdidae

*Hylocichla mustelina*

*Sialia sialis*

Tyrannidae

*Empidonax virescens*

*Myiarchus crinitus*

*Sayornis phoebe*

*Contopus virens*

Vireonidae

*Vireo flavifrons*

*Vireo griseus*

*Vireo olivaceus*

Pelecaniformes

Phalacrocoracidae

Phalacrocorax auritus

Piciformes

Picidae

Dryocopus pileatus

Melanerpes carolinus

Picoides pubescens

Strigiformes

Strigidae

Strix varia

Trochiliformes

Trochilidae

Archilochus colubris

Fish

Anguilliformes

Anguillidae

Anguilla rostrata

Atheriniformes

Atherinidae

*Menidia menidia*

Clupeiformes

Clupeidae

*Dorosoma cepedianum*

Cypriniformes

Catostomidae

*Erimyzon oblongus*

Cyprinidae

*Notemigonus crysoleucas*

*Notropis hudsonius*

Cyprinodontiformes

Belonidae

*Strongylura marina*

Fundulidae

*Fundulus diaphanus*

*Fundulus heteroclitus*

Poeciliidae

*Gambusia holbrooki*

Esociformes

Esocidae

*Esox niger*

Umbridae

*Umbra pygmaea*

Perciformes

Centrarchidae

*Lepomis macrochirus*

*Micropterus salmoides*

*Pomoxis nigromaculatus*

*Lepomis gulosus*

*Lepomis gibbosus*

*Centrarchus macropterus*

*Enneacanthus gloriosus*

Moronidae

*Morone americana*

*Morone saxatilis*

Percidae

*Etheostoma olmstedii*

*Perca flavescens*

Mammal

Artiodactyla

Cervidae

*Odocoileus virginianus*

Carnivora

Mustelidae

*Mephitis mephitis*

Procyonidae

*Procyon lotor*

Chiroptera

Vespertilionidae

*Lasiurus cinereus*

Vespertilionidae sp.

Insectivora

Soricidae

*Blarina carolinensis*

Lagomorpha

Leporidae

*Sylvilagus floridanus*

Marsupialia

Didephidae

*Didelphis virginiana*

Rodentia

Castoridae

*Castor canadensis*

Cricetidae

*Ondatra zibethicus*

*Peromyscus leucopus*

Sciuridae

*Glaucomys volans*

*Marmota monax*

*Sciurus carolinensis*

## Invertebrate

### Acari

#### Ixodidae

*Dermacentor variabilis*

*Amblyomma americanum*

### Araneae

#### Agelenidae

*Agelenopsis* sp.

#### Amaurobiidae

*Titanocea americana*

#### Araneidae

*Acanthepeira stellata*

*Eustala anastera*

*Mangora maculata*

*Mecynogea lemniscata*

*Metepeira* prob. *Labyrinthea*

*Micrathena* *sagittata*

*Neoscona* *arabesca*

#### Clubionidae

*Trachelas* *tranquillus*

#### Gnaphosidae

*Cesonia* *bilineata*

*Drassodes* *gosiutus*

#### Linyphiidae

*Frontinella* *pyramitela*

#### Lycosidae

*Lycosa* sp.

*Schizocosa* *ocreata*

*Hogna* *rabida*

#### Philodromidae

*Philodromus* sp. 2

*Philodromus* sp. 1

#### Pisauridae

*Tinus peregrinus*

Salticidae

*Habronattus* sp.

*Thiodina puerpera*

Salticidea

*Phidippus* prob. *Audux*

Tetragnathidae

*Leucauge venusta*

*Tetragnatha* sp. 1

*Tetragnatha* sp. 2

*Tetragnatha* sp. 3

*Tetragnatha* sp. 4

*Tetragnatha* sp. 5

Theridiidae

*Latrodecius variolus*

*Theridion* sp.

*Achaearanea tepidariorum*

Thomasidae

Xysticus sp.

Unidentified

Araneae sp. 1

Araneae sp. 2

Araneae sp. 3

Architaenioglossa

Viviparidae

Campelona decisum

Bivalvia

Mactridae

Rangia cuneata

Corbiculidae

Corbicula fluminea

Blattioidea

Blattidae

Parcoblatta sp.

Calanoida

Temoridae

Eurytemora affinis

Coleoptera

Aderidae

Aderidae sp.

Alleculidae

Hymenorus sp.

Anobiidae

Caenocara sp.

Anobiidae sp. 1

Anobiidae sp. 2

Anobiidae sp. 3

Anthribidae

Anthribidae sp.

Brentidae

Arrhenodes minutus

Buprestidae

*Brachys ovatus*

*Taphrocerus nicolayi*

Cantharidae

*Chauliognathus marginatus*

*Canthris* sp.

Carabidae

*Cicindela sexguttata*

*Stenolophus* sp. 1

*Stenolophus* sp. 2

*Stenolophus ochropezus*

*Scarites subterraneus*

*Paratachys oblitus*

*Notobia sayi*

*Lebia analis*

*Clivina americana*

*Chlaenius* sp.

*Chlaenius sericeus sericeus*

Carabidae sp. 4

Carabidae sp. 3

Carabidae sp. 2

Carabidae sp. 1

Brachinus sp.

Agonum extensicolle

Bembidion versicolor

Cicindela repanda

#### Cerambycidae

Typocerus v. velutinus

Orthosoma brunneum

#### Chrosomelidae

Demotina modesta

#### Chrysomeliadae

Altica chalybea

Baliosus nervosa

Cryptocephalus badius

Odontota dorsalis

Paria pratensis

Paria quadrinotata

Rhabdaopterus sp.

Altica betulae

#### Chrysomelidae

*Fidia viticida*

*Tymnes tricolor*

*Xanthonia* sp.

*Neochlamisus bebbianae*

*Epitrix fuscula*

*Acalymma vittata*

*Chrysochus auratus*

*Fidia longipes*

#### Cleridae

*Phyllobaenus humeralis*

#### Coccinellidae

*Harmonia axyridis*

*Hippodamia convegens*

Curculionidae sp. 13

Coccinellidae sp.

#### Curculionidae

Curculionidae sp. 5

*Myrmica* sp.

Curculionidae sp. 9

Curculionidae sp. 8

Curculionidae sp. 7  
Curculionidae sp. 6  
Curculionidae sp. 11  
Phyllobius sp.  
Curculionidae sp. 3  
Curculionidae sp. 12  
Curculionidae sp. 2  
Curculionidae sp. 10  
Curculionidae sp. 1  
Curculio sp. 2  
Curculio sp. 1  
Curculionidae sp. 4  
Curculionidae sp. 14

#### Dytiscidae

Hydaticus bimarginatus  
Uvarus lacustrus  
Dytiscidae sp. 2  
Copelatus glyphicus  
Acilius fraternus  
Dytiscidae sp. 1

#### Elateridae

Elateridae sp. 5

Elateridae sp. 1

Elateridae sp. 6

Elateridae sp. 4

Elateridae sp. 3

Elateridae sp. 2

Eucnemidae

Isorhipis obliqua

Geotrupidae

Bibocerasoma tumetactum

Gyrinidae

Dineatus americanus

Dineatus emarginatus

Dineatus sp.

Heteroceridae

Tropicus pusillis

Heteroceridae sp.

Histeridae

Histeridae sp. 1

Histeridae sp. 2

#### Hydrophilidae

Berosus sp. 1

Berosus sp. 2

Enochrus ochraceus

Hydrophilidae sp.

Paracymus sp.

#### Lampyridae

Lucidota atra

Photinus sp. 1

Photinus sp. 2

Photuris sp.

#### Lycidae

Lycidae sp.

Calopteron reticulatum

Eros humeralis

#### Mordellidae

Mordellidae sp. 3

Mordellidae sp. 1

Mordellidae sp. 2

Nitidulidae

Nitidulidae sp.

Passalidae

Odontotaenis disjunctus

Rhysobidae

Clinidium valentinei

Ripiphoridae

Macrosiagon flavipenne

Scarabaeidae

Phyllophaga sp.

Dyscinetus picipes

Xyloryctes jamaicensis

Trichiotinus piger

Popillia japonica

Polyphylla occidentalis

Phylophaga sp.

*Phyllophaga vilifrons*

*Phyllophaga anxia*

*Phileurus truncatus*

*Cyclocephala lurida*

*Maladera castanea*

*Phyllophaga cremulata*

*Diplotaxis harperi*

*Onthophagus hecate*

#### Scirtidae

*Cyphon perplexus*

*Cyphon variabilis*

#### Silphidae

*Nicrophorus tomentosus*

*Necrophila americana*

*Nicrophorus orbicollis*

#### Silvanidae

*Uleiota dubius*

#### Staphylinidae

*Staphylinidae sp. 2*

Staphylinidae sp. 3

Staphylinidae sp. 4

Staphylinidae sp. 5

Staphylinidae sp. 6

Staphylinidae sp. 1

#### Tenebrinidae

*Neomida bicornis*

#### Tenebrionidae

Tenebrionidae sp. 1

*Uloma impressa*

Tenebrionidae sp. 6

*Uloma punctulata*

Tenebrionidae sp. 5

Tenebrionidae sp. 2

*Neatus tenebroides*

*Alobates pennsylvanica*

Tenebrionidae sp. 3

Tenebrionidae sp. 4

#### Trogidae

*Trox* sp.

Unidentified

Coleoptera sp. 5

Coleoptera sp. 8

Coleoptera sp. 6

Coleoptera sp. 4

Coleoptera sp. 3

Coleoptera sp. 2

Coleoptera sp. 1

Coleoptera sp. 7

Crustaceae

Amphipoda

Amphipoda sp.

Isopoda

Isopoda sp.

Cyclopoida

Cyclopidae

*Acanthocyclops brevispinosus*

*Eucyclops conrowae*

*Tropocyclops prasinus mexicanus*

*Tropocyclops prasinus* s. str.

*Mesocyclops edax*

*Macrocyclops albidus*

*Diacyclops navus*

*Diacyclops crassicaudis brachycercus*

*Acanthocyclops robustus*

*Ectocyclops phaleratus*

*Acanthocyclops vernalis*

## Diptera

### Asilidae

*Asilidae* sp.

### Chironimidae

*Chironimidae* sp. 1

*Chironimidae* sp. 2

*Chironimidae* sp. 3

*Chironimidae* sp. 4

### Scarcophigidae

*Scarcophigidae* sp.

### Tabanidae

Tabanidae sp.

Tipulidae

Tipulidae sp. 5

Tipulidae sp. 4

Tipulidae sp. 3

Tipulidae sp. 1

Tipulidae sp. 2

Ephemeroptera

Caenidae

Caenis sp.

Ephemeridae

Hexagenia sp.

Harpacticoida

Canthocamptidae

Attheyella nordenskioldii

Bryocamptus hutchinsoni

Epactophanes richardi

Hemiptera

Nepidae

Nepidae sp.

Heteroptera

Gelastocoridae

Gelastocoris ocularis

Miridae

Mirid sp. 2

Mirid sp. 1

Pentatomidae

Pentatomidae sp.

Reduviidae

Arilus cristatus

Reduviidae sp.

Homoptera

Cicadellidae

Cicadellidae sp. 1

Cicadellidae sp. 2

Hymenoptera

Unidentified

Wasp sp. 1

Wasp sp. 4

Wasp sp. 2

Wasp sp. 5

Wasp sp. 3

Lepidoptera

Arctiidae

*Halysidota tessellaris*

*Hypoprepia fucosa*

*Spilosoma* sp.

*Holomelina opella* (Grt.)

*Estigmene acrea* (Dru.)

*Ecpantheria scribonia* (Stoll)

*Apantesis* sp.

*Cisseps fulvicollis* (Hbn)

Drepanidae

*Oreta rosea* (Wlk.)

Geometridae

*Costaconvexa centrostrigaria* (Woll.)

*Itame pustularia* (Gn.)

*Orthonama obstipata* (F.)

*Besma quercivoraria*

*Geometridae* sp.

*Eulithis diversilineata*

#### Hesperidae

*Lerema accius*

*Ancyloxypha numitor*

*Epargyreus clarus*

*Euphyes dion*

*Euphyes vestris*

#### Lycaenidae

*Celastrina neglecta*

*Everes comyntas*

#### Lymantriidae

*Dasychira* sp. 1

#### Noctuidae

*Idia americalis* (Gn.)

*Chytonix palliatricula* (Gn.)

*Scolecocampa liburna* (Gey.)

*Cutina* sp.

*Homophobera apiosa*

*Idia aemula* Hbn.

*Ledeia digitalis*

*Leucania* sp.

*Paectes oculatrix* (Gn.)

*Catocala* sp. 4

*Rivula propinqualis* Gn.

*Catocala ilia*

*Spragueia* sp.

*Thioptera nigrofimbria* (Gn.)

*Panopoda* sp.

*Acronicta* sp. 3

*Acronicta americana* (Harr.)

*Catocala* sp. 2

*Acronicta* sp. 2

*Catocala* sp. 3

*Allotria elonympha*

*Alypia octomaculata* (F.)

*Bagisara rectifascia*

*Bellura* sp. 1

Bellura sp. 2

Bomolocha manalis

Bomolocha sp.

Catocala sp. 1

Acronicta sp. 1

#### Nolidae

Baileya sp.

#### Notodontidae

Nadata gibbosa

Charadra deridens (Gn.)

Datana sp. 1

Datana sp. 2

Heterocampa sp. 1

Hyarpax aurora (J.E.Sm.)

Heterocampa sp. 2

#### Nymphalidae

Megisto cymela

Vanessa virginiensis

Vanessa atalanta

Phyciodes tharos

*Limenitis arthemis astyanax*

*Libytheana carinenta*

*Junonia coenia*

*Euptoieta claudia*

*Erynnis horatio*

*Enodia anthedon*

*Cyllopsis gemma*

*Asterocampa clyton*

*Polytonia interrogationis*

#### Papilionidae

*Eurytides marcellus*

*Papilio glaucus*

*Papilio troilus*

#### Pieridae

*Colias eurytheme*

*Colias philodice*

*Eurema nicippe*

*Pieris rapae*

#### Pyralidae

*Desmia funeralis*

*Herculia olinalis*

Saturniidae

*Antheraea polyphemus*

Saturniidae

*Actias luna* (L.)

*Anisota* sp.

*Automeris io*

*Dryocampa rubicunda*

*Hyalomorpha cecropia*

Sphingidae

*Darapsa pholus* (Cram.)

*Laothoe juglandis* (J.E.Sm.)

Tineidae

*Acrolophus* sp. 1

*Acrolophus* sp. 2

Unidentified

*Prionaxus robiniae*

Mecoptera

Panorpidae

Panorpa sp.

Megaloptera

Corydalidae

Neohermes sp.

Chauliodes sp.

Neuroptera

Chrysopidae

Chrysopidae sp.

Odonata

Aeshnidae

Anax junius

Boyeria vinosa

Epiaeschna heros

Nasiaeschna pentacantha

Calopterygidae

Calopteryx maculata

Coenagrionidae

*Enallagma vesperum*

*Ischnura* sp.

*Enallagma traviatum*

*Enallagma signatum*

*Enallagma durum*

*Argia tibialis*

*Argia apicalis*

*Ischnura posita*

Corduliidae

*Epithea princeps*

Gomphidae

*Arigomphus villosipes*

Libellulidae

*Libellula vibrans*

*Tamea lacerata*

*Tamea carolina*

*Plathemis lydia*

*Perithemis tenera*

*Pachydiplax longipennis*

Libellula needhami

Libellula luctuosa

Libellula incesta

Libellula cyanea

Erythemis simplicicollis

Celithemis eponina

Pantala hymenaea

Macromiidae

Macromia illinoensis

Opiliones

Unidentified

Opiliones sp.

Orthoptera

Acrididae

Acrididae sp.

Tettigoniidae

Tettigoniidae sp.

Pulmonata

Physidae

Physa sp.

Trichoptera

Hydropsychidae

Caddisfly sp. 1

Caddisfly sp. 6

Caddisfly sp. 5

Caddisfly sp. 2

Caddisfly sp. 3

Caddisfly sp. 4

Nonvascular Plant

Agaricales

Pleurotaceae

Pleurotus ostreatus

Aphyllorphales

Coriolaceae

Trametes versicolor

Lentinaceae

*Lentinus strigosus*

Arthoniales

Arthoniaceae

*Arthonia cf. patellulata*

Auriculariales

Auriculariaceae

*Auricularia auricola*

Dicranales

Dicranaceae

*Dicranum sp.*

Leucobryaceae

*Leucobryum albidum*

Graphidales

Graphidaceae

*Graphis scripta*

## Hypnales

### Brachytheciaceae

*Bryoandersonia illecebra*

### Thuidiaceae

*Thuidium* sp.

## Lecanorales

### Bacidiaceae

*Bacidia schweinitzii*

### Candelariaceae

*Candelariella efflorescens*

### Cladoniaceae

*Candelaria concolor*

*Cladonia coniocraea*

*Cladonia crotatella*

*Cladonia subtennis*

### Collemataceae

*Collema* sp.

Lecanoraceae

Lecanora sp.

Parmeliaceae

Flavoparmelia caperata

Punctelia rudecta

Punctelia subrudecta

Nostocales

Nostocaceae

Nostoc sp.

Orthotrichales

Orthotrichaceae

Orthotrichum sp.

Polyporales

Polyporaceae

Polyporus mori

Polytrichales

Polytrichopsida

Polytrichum cf. juniperinum

Tremellales

Tremellaceae

Tremella mesenterica

Vascular Plant

Apiales

Apiaceae

Daucus carota

Hydrocotyle ranunculoides

Osmorhiza longistylis

Oxypolis rigidior

Sium suave

Araliaceae

Aralia spinosa

Hedera helix

Arales

Araceae

*Arisaema triphyllum*

*Peltandra virginica*

Aristolochiales

Aristolochiaceae

*Hexastylis* sp.

Asparagales

Alliaceae

*Allium vineale*

Asterales

Asteraceae

*Helenium flexuosum*

*Verbesina alternifolia*

*Ambrosia artemisiifolia*

*Solidago pinetorum*

*Verbesina occidentalis*

*Solidago microcephala*

*Solidago altissima*

*Smallanthus uvedalia*

*Pseudognaphalium purpureum*

*Lactuca canadensis*

Hypochoeris radicata

Hieracium venosum

Aster sp.

Eupatorium serotinum

Achillea millefolium

Bidens sp.

Bidens tripartita

Elephantopus carolinianus

Erechtites hieraciifolia var. hieraciifolia

Erigeron annuus

Eupatorium capillifolium

Eupatorium hyssopifolium

Eupatorium rotundifolium

Baccharis halimifolia

## Campanulales

### Campanulaceae

Lobelia cardinalis

Lobelia pubescens

Specularia biflora

## Caryophyllales

### Phytolaccaceae

*Phytolacca americana*

Celastrales

Aquifoliaceae

*Ilex decidua*

*Ilex opaca* var. *opaca*

*Ilex verticillata*

Celastraceae

*Celastrus orbiculatus*

*Euonymus americanus*

Commelinales

Commelinaceae

*Aneilema keisak*

*Commelina communis*

*Commelina virginica*

Cornales

Cornaceae

*Cornus florida*

*Cornus foemina*

Nyssaceae

*Nyssa biflora*

*Nyssa sylvatica*

Cyperales

Cyperaceae

*Eleocharis obtusa*

*Schoenoplectus pungens*

*Cyperus strigosus*

*Scirpus georgianus*

Poaceae

*Elymus villosus*

*Panicum anceps*

*Microstegium vimineum*

*Leersia oryzoides*

*Festuca elatior*

*Glyceria septentrionalis*

*Panicum virgatum* var. *virgatum*

*Elymus virginicus*

*Dichanthelium sphaerocarpum* var. *isophyllum*

*Dichanthelium scoparium*

*Dichanthelium longiligulatum*

*Dichanthelium laxiflorum*

*Dichanthelium dichotomum*

*Danthonia spicata*

*Dactylis glomerata*

*Glyceria striata* var. *striata*

*Elymus hystrix*

## Dipsacales

### Caprifoliaceae

*Lonicera japonica*

*Symphoricarpos orbiculatus*

*Viburnum nudum*

*Viburnum prunifolium*

*Viburnum recognitum*

## Ebenales

### Ebenaceae

*Diospyros virginiana*

## Equisetales

### Equisetaceae

*Equisetum arvense*

Ericales

Ericaceae

*Kalmia latifolia*

*Leucothoe racemosa*

*Rhododendron* sp.

*Vaccinium corymbosum*

*Vaccinium pallidum*

*Chimaphila maculata*

Euphorbiales

Euphorbiaceae

*Euphorbia corollata*

Fabales

Fabaceae

*Galactia* sp.

*Robinia pseudoacacia*

*Medicago lupulina*

*Lespedeza striata*

*Amphicarpaea bracteata*

*Lespedeza procumbens*

*Lespedeza cuneata*

*Desmodium paniculatum*

*Desmodium canadense*

*Chamaecrista nictitans*

*Apios americana*

*Albizia julibrissin*

*Desmodium perplexum*

*Cercis canadensis* var. *canadensis*

## Fagales

### Betulaceae

*Ostrya virginiana*

*Alnus serrulata*

*Carpinus caroliniana*

### Fagaceae

*Quercus velutina*

*Quercus prinus*

*Quercus phellos*

*Quercus pagoda*

*Quercus michauxii*

*Quercus laurifolia*

*Quercus falcata*

*Quercus alba*

*Castanea pumila*

*Fagus grandifolia*

Juglandaceae

*Carya cordiformis*

*Carya tomentosa*

*Carya glabra*

Filicales

Aspleniaceae

*Asplenium platyneuron*

Athyriaceae

*Athyrium filix-femina*

Dryopteridaceae

*Onoclea sensibilis*

*Polystichum acrostichoides*

Osmundaceae

*Osmunda cinnamomea*

*Osmunda regalis*

Thelypteridaceae

*Thelypteris noveboracensis*

Gentianales

Apocynaceae

*Trachelospermum difforme*

*Vinca major*

*Asclepias tuberosa* ssp. *Tuberosa*

*Apocynum cannabinum*

Asclepiadaceae

*Matelea gonocarpos*

Rubiaceae

*Cephalanthus occidentalis*

Geraniales

Balsaminaceae

*Impatiens capensis*

Oxalidaceae

*Oxalis dillenii*

Hamamelidales

Hamamelidaceae

*Liquidambar styraciflua*

Platanaceae

*Platanus occidentalis*

Juncales

Juncaceae

*Luzula* sp.

*Juncus acuminatus*

*Juncus dichotomus*

*Juncus effusus*

*Juncus tenuis*

*Luzula multiflora*

Lamiales

Bignoniaceae

*Campsis radicans*

Boraginaceae

*Cynoglossum virginianum*

*Myosotis aquaticum*

Lamiaceae

*Cunila origanoides*

*Lycopus* sp.

*Prunella vulgaris*

*Salvia lyrata*

*Scutellaria integrifolia*

Orobanchaceae

*Agalinis* sp.

Verbenaceae

*Phryma leptostachya*

Lurales

Lauraceae

*Lindera benzoin*

*Sassafras albidum*

Liliales

Dioscoreaceae

*Dioscorea villosa*

Iridaceae

*Iris virginica* var. *virginica*

*Sisyrinchium angustifolium*

Liliaceae

*Hemerocallis fulva*

*Lilium superbum*

*Narcissus pseudonarcissus*

*Polygonatum biflorum*

*Smilacina racemosa*

Pontederiaceae

*Pontederia cordata*

Smilacaceae

*Smilax bona-nox*

*Smilax glauca*

*Smilax rotundifolia*

Magnoliales

Annonaceae

*Asimina triloba*

Magnoliaceae

Liriodendron tulipifera

Magnolia grandiflora

Malvales

Malvaceae

Hibiscus moscheutos

Myricales

Myricaceae

Myrica cerifera

Myrtales

Onagraceae

Circaea lutetiana

Ludwigia alternifolia

Ludwigia palustris

Nymphaeales

Nymphaeaceae

Nuphar advena

Nymphaea odorata ssp. Odorata

Ophioglossales

Ophioglossaceae

*Botrychium virginianum*

Orchidales

Orchidaceae

*Platanthera lacera* var. *lacera*

*Platanthera flava*

Pinales

Cupressaceae

*Juniperus virginiana* var. *virginiana*

*Taxodium distichum*

Pinaceae

*Pinus taeda*

Piperales

Saururaceae

*Saururus cernuus*

Plantaginales

Plantaginaceae

*Plantago lanceolata*

*Plantago rugelii*

## Poales

### Cyperaceae

*Carex lupulina*

*Carex typhina*

*Carex tribuloides*

*Carex* sp.

*Carex rosea*

*Carex intumescens*

*Carex albolutescens*

*Carex lurida*

*Carex granularis*

*Carex crinita*

*Carex complanata*

*Carex bromoides*

*Carex annectans* var. *annectans*

*Carex hirsutella*

### Poaceae

*Chasmanthium laxum*

*Anthoxanthum odoratum*

*Agrostis perennans*

*Andropogon virginicus*

## Polygonales

### Polygonaceae

*Rumex acetosella*

*Rumex crispus*

*Polygonum cespitosum*

*Rumex altissimus*

*Rumex obtusifolius*

*Polygonum punctatum*

*Polygonum hastata*

*Polygonum arifolium*

*Polygonum hydropiper*

## Primulales

### Primulaceae

*Lysimachia ciliata*

*Lysimachia terrestris*

## Ranunculales

### Berberidaceae

*Podophyllum peltatum*

Ranunculaceae

*Clematis terniflora*

*Ranunculus pusillus*

*Thalictrum polygamum*

Rhamnales

Vitaceae

*Parthenocissus quinquefolia*

*Vitis rotundifolia*

*Vitis aestivalis*

Rosales

Grossulariaceae

*Itea virginica*

Rosaceae

*Rubus* sp.

*Amelanchier arborea*

*Geum canadense*

*Potentilla* sp.

*Prunus serotina* var. *serotina*

*Rosa multiflora*

*Rosa palustris*

*Rubus argutus*

*Rubus pensilvanicus*

Ulmaceae

*Celtis americanus*

Urticaceae

*Boehmeria cylindrica*

Rubiales

Rubiaceae

*Diodia teres*

*Galium aparine*

*Galium circaezans*

*Galium obtusum*

*Houstonia caerulea*

*Mitchella repens*

Sapindales

Anacardiaceae

*Rhus copallinum*

*Rhus radicans*

Rutaceae

*Ptelea trifoliata*

Sapindaceae

*Acer rubrum*

Simaroubaceae

*Ailanthus altissima*

Scrophulariales

Acanthaceae

*Justicia americana*

*Ruellia caroliniensis*

Bignoniaceae

*Bignonia capreolata*

Lentibulariaceae

*Utricularia* sp.

Oleaceae

*Fraxinus americana*

Fraxinus pennsylvanica

Ligustrum sinense

#### Scrophulariaceae

Verbascum thapsus

Aureolaria virginica

Gratiola virginiana

Gratiola viscidula

Mecardonia acuminata

Verbascum blattaria

#### Solanales

##### Convolvulaceae

Ipomoea sp.

Cuscuta sp.

Ipomoea pandurata

##### Solanaceae

Solanum carolinense

#### Theales

##### Clusiaceae

Hypericum hypericoides

Hypericum perforatum

Hypericum punctatum

Triadenum virginicum

Triadenum walteri

## Urticales

### Ulmaceae

Ulmus alata

Ulmus americana

## Violales

### Passifloraceae

Passiflora lutea

### Violaceae

Viola sp.