

## Bioblitz 2001

Rhode Island's 2001 Bioblitz was held on Aquidneck Island from 3 p.m. Friday, September 14 to 3 p.m. Saturday, September 15.

Locations included: Norman Bird Sanctuary, Sachuest Point NWR, Oakland Forest, the Nunes Farm, and Raytheon's natural areas.

Sponsored by: Rhode Island Natural History Survey, Norman Bird Sanctuary, US Fish & Wildlife Service, Aquidneck Island Land Trust, Raytheon Employees Wildlife Habitat Committee.

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Taxa Counted in BioBlitz 2001: 774

### Mammals (14)

Northern Short-tailed Shrew, *Blarina brevicauda* - Norman Bird Sanctuary  
Bat, *Myotis* sp.? - Norman Bird Sanctuary  
Humans, *Homo sapiens* - Norman Bird Sanctuary, Sachuest Pt. NWR, Nunes Farm, Oakland Forest, Raytheon  
Eastern Cottontail, *Sylvilagus floridanus* - Norman Bird Sanctuary, Raytheon  
Eastern Gray Squirrel, *Sciurus carolinensis* - Norman Bird Sanctuary, Raytheon  
Meadow Vole, *Microtus pennsylvanicus* - Raytheon  
White-footed Mouse, *Peromyscus leucopus* - Oakland Forest  
Feral Dog, Domestic Dog, *Canis familiaris* - Norman Bird Sanctuary  
Common Raccoon, *Procyon lotor* - Oakland Forest, St. Mary's Pond  
Weasel, *Mustela* sp. - Nunes Farm  
Striped Skunk, *Mephitis mephitis* - Oakland Forest, Raytheon, St. Mary's Pond  
Feral Cat; Domestic or House Cat, *Felis catus* - Norman Bird Sanctuary  
Domestic Horse, *Equus caballus* - Norman Bird Sanctuary  
White-tailed Deer, *Odocoileus virginianus* - St. Mary's Pond

### Birds (80)

Common Loon, *Gavia immer* - Sachuest Pt. NWR  
Pied-billed Grebe, *Podilymbus podiceps* - St. Mary's Pond  
Double-crested Cormorant, *Phalacrocorax auritus* - Sachuest Pt. NWR, Raytheon, St. Mary's Pond  
Great Blue Heron, *Ardea herodias* - Norman Bird Sanctuary, Nunes Farm, St. Mary's Pond  
Great Egret, *Ardea alba* - St. Mary's Pond  
Turkey Vulture, *Cathartes aura* - Norman Bird Sanctuary, Raytheon  
Canada Goose, *Branta canadensis* - Norman Bird Sanctuary, Raytheon, St. Mary's Pond  
Mute Swan, *Cygnus olor* - Sachuest Pt. NWR, St. Mary's Pond  
Wood Duck, *Aix sponsa* - Sachuest Pt. NWR  
American Wigeon, *Anas americana* - St. Mary's Pond  
American Black Duck, *Anas rubripes* - Norman Bird Sanctuary, Sachuest Pt. NWR, St. Mary's Pond  
Mallard, *Anas platyrhynchos* - St. Mary's Pond  
Blue-winged Teal, *Anas discors* - St. Mary's Pond  
Green-winged Teal, *Anas crecca* - St. Mary's Pond  
Osprey, *Pandion haliaetus* - Raytheon  
Northern Harrier, *Circus cyaneus* - Sachuest Pt. NWR, Nunes Farm  
Sharp-shinned Hawk, *Accipiter striatus* - Norman Bird Sanctuary  
Cooper's Hawk, *Accipiter cooperii* - Norman Bird Sanctuary, Raytheon  
Red-tailed Hawk, *Buteo jamaicensis* - Norman Bird Sanctuary, Nunes Farm, Raytheon, St. Mary's Pond  
American Kestrel, *Falco sparverius* - Sachuest Pt. NWR  
Merlin *Falco columbarius* - Sachuest Pt. NWR, St. Mary's Pond  
Peregrine Falcon, *Falco peregrinus* - Norman Bird Sanctuary

Golden Pheasant - Norman Bird Sanctuary  
Virginia Rail, *Rallus limicola* - Nunes Farm  
Black-bellied Plover, *Pluvialis squatarola* - Sachuest Pt. NWR  
Semipalmated Plover, *Charadrius semipalmatus* - Sachuest Pt. NWR, St. Mary's Pond  
Killdeer, *Charadrius vociferus* - St. Mary's Pond  
Lesser Yellowlegs, *Tringa flavipes* - St. Mary's Pond  
Spotted Sandpiper, *Actitis macularia* - Sachuest Pt. NWR, St. Mary's Pond  
Ruddy Turnstone, *Arenaria interpres* - Sachuest Pt. NWR  
Sanderling, *Calidris alba* - Sachuest Pt. NWR  
Semipalmated Sandpiper, *Calidris pusilla* - St. Mary's Pond  
Western Sandpiper, *Calidris mauri* - St. Mary's Pond  
Least Sandpiper, *Calidris minutilla* - St. Mary's Pond  
Laughing Gull, *Larus atricilla* - Sachuest Pt. NWR  
Ring-billed Gull, *Larus delawarensis* - Raytheon, St. Mary's Pond  
Herring Gull, *Larus argentatus* - Sachuest Pt. NWR, Raytheon, St. Mary's Pond  
Great Black-backed Gull, *Larus marinus* - Sachuest Pt. NWR, Raytheon  
Rock Dove, *Columba livia* - Nunes Farm, Raytheon, St. Mary's Pond  
Mourning Dove, *Zenaidura macroura* - Norman Bird Sanctuary, Nunes Farm, Raytheon, St. Mary's Pond  
Great Horned Owl, *Bubo virginianus* - St. Mary's Pond  
Ruby-throated Hummingbird, *Archilochus colubris* - Norman Bird Sanctuary, Nunes Farm, Raytheon  
Belted Kingfisher, *Ceryle alcyon* - Sachuest Pt. NWR  
Downy Woodpecker, *Picoides pubescens* - Norman Bird Sanctuary, Nunes Farm, Raytheon  
Northern Flicker, *Colaptes auratus* - Norman Bird Sanctuary, Sachuest Pt. NWR, Nunes Farm, Oakland Forest, St. Mary's Pond  
Eastern Wood Pewee, *Contopus virens* - Oakland Forest  
Eastern Phoebe, *Sayornis phoebe* - Norman Bird Sanctuary, Raytheon  
Great Crested Flycatcher, *Myiarchus crinitus* - Norman Bird Sanctuary, Raytheon  
Blue Jay, *Cyanocitta cristata* - Norman Bird Sanctuary, Oakland Forest, Raytheon, St. Mary's Pond  
American Crow, *Corvus brachyrhynchos* - Norman Bird Sanctuary, Nunes Farm, Oakland Forest, Raytheon, St. Mary's Pond  
Tree Swallow *Tachycineta bicolor* - Norman Bird Sanctuary, Raytheon, St. Mary's Pond  
Barn Swallow *Hirundo rustica* - Sachuest Pt. NWR, St. Mary's Pond  
Black-capped Chickadee, *Poecile atricapillus* - Norman Bird Sanctuary, Oakland Forest, Raytheon, St. Mary's Pond  
Tufted Titmouse, *Baeolophus bicolor* - Oakland Forest, Raytheon  
White-breasted Nuthatch, *Sitta carolinensis* - Oakland Forest  
Carolina Wren, *Thryothorus ludovicianus* - Norman Bird Sanctuary, Sachuest Pt. NWR, Oakland Forest, Raytheon, St. Mary's Pond  
House Wren, *Troglodytes aedon* - Norman Bird Sanctuary, Nunes Farm, Raytheon, St. Mary's Pond  
Marsh Wren, *Cistothorus palustris* - St. Mary's Pond  
American Robin, *Turdus migratorius* - Norman Bird Sanctuary, Oakland Forest, Raytheon  
Gray Catbird, *Dumetella carolinensis* - Norman Bird Sanctuary, Nunes Farm, Oakland Forest, Raytheon, St. Mary's Pond  
Northern Mockingbird, *Mimus polyglottos* - Norman Bird Sanctuary, Sachuest Pt. NWR, Nunes Farm, Oakland Forest, Raytheon, St. Mary's Pond  
European Starling, *Sturnus vulgaris* - Norman Bird Sanctuary, Sachuest Pt. NWR, Nunes Farm, Oakland Forest, St. Mary's Pond  
Cedar Waxwing, *Bombycilla cedrorum* - Norman Bird Sanctuary, Raytheon, St. Mary's Pond  
Yellow Warbler, *Dendroica petechia* - Sachuest Pt. NWR, St. Mary's Pond  
Black-throated Blue Warbler, *Dendroica caerulescens* - Oakland Forest  
Blackburnian Warbler, *Dendroica fusca* - Raytheon  
Palm Warbler, *Dendroica palmarum* - Sachuest Pt. NWR  
Black-and-white Warbler, *Mniotilta varia* - Oakland Forest  
American Redstart, *Setophaga ruticilla* - Sachuest Pt. NWR  
Common Yellowthroat, *Geothlypis trichas* - Nunes Farm, Raytheon, St. Mary's Pond  
Eastern Towhee, *Pipilo erythrophthalmus* - Norman Bird Sanctuary

Chipping Sparrow, *Spizella passerina* - Sachuest Pt. NWR  
Savannah Sparrow, *Passerculus sandwichensis* - Sachuest Pt. NWR, Nunes Farm, St. Mary's Pond  
Song Sparrow, *Melospiza melodia* - Nunes Farm, Oakland Forest, Raytheon, St. Mary's Pond  
Dark-eyed Junco, *Junco hyemalis* - Raytheon  
Northern Cardinal, *Cardinalis cardinalis* - Norman Bird Sanctuary, Oakland Forest, Raytheon  
Common Grackle, *Quiscalus quiscula* - Raytheon  
House Finch, *Carpodacus mexicanus* - Raytheon  
American Goldfinch, *Carduelis tristis* - Norman Bird Sanctuary, Nunes Farm, Oakland Forest, Raytheon, St. Mary's Pond  
House Sparrow, *Passer domesticus* - Raytheon

#### Reptiles and Amphibians (9)

Spotted Salamander *Ambystoma maculatum* - Norman Bird Sanctuary  
Northern Two-lined Salamander, *Eurycea bislineata* - Norman Bird Sanctuary?  
Northern Red-backed Salamander, *Plethodon cinereus* - Oakland Forest  
Green Frog, *Rana clamitans melanota* - Norman Bird Sanctuary, Nunes Farm  
Common Snapping Turtle, *Chelydra serpentina serpentina* - Nelson Pond  
Eastern Painted Turtle, *Chrysemys picta picta* - Norman Bird Sanctuary  
Northern Brown Snake, *Storeria dekayi dekayi* - Sachuest Pt. NWR  
Eastern Ribbon Snake, *Thamnophis sauritus sauritus* - Norman Bird Sanctuary  
Eastern Garter Snake, *Thamnophis sirtalis sirtalis* - Nunes Farm

#### Arthropods (218)

1) Insects (192) [most found at Norman Bird Sancutuary]

#### Diptera (15)

Tipulidae (Crane flies) 2  
Calliphoridae (Blow flies) 5  
Syrphidae (Syrphid flies) 2  
Sarcophagidae (Flesh flies) 3  
Culicidae (Mosquitoes) 2  
Chironomidae, *Beckidia* sp. (Bloodworm midge) 1  
Empididae, *Cherosodromia* sp. (Dance Fly) 1  
Anthomyiidae, *Fucellia* sp. (prob.) Anthomyid Flies) 1  
Sphaeroceridae, *Thoracochaeta* sp. (Small dung flies) 1

#### Hymenoptera (8)

Apidae 2  
*Apis melifera* (Honeybee)  
*Bombus impatiens* (Bumblebee)  
  
Halictidae (Halictid bees) 1  
Vespidae (Vespid wasps) 1  
Ichneumonidae (Ichneumons) 1  
Formicidae (Ants) 3

#### Hemiptera (6)

Coreidae (Leaf-footed bugs) 1  
Fulgoridae (Planthoppers) 4  
Gerridae (Waterstrider) 1

Homoptera (4)

Cercopidae (Spittlebugs) 2  
Cicadellidae (Leafhoppers) 1  
Aphididae (Aphids) 1

Tricoptera (Caddisflies) (5)

Hydropsychidae, *Macrostemum* sp.  
Phryganeidae, *Hagenella* sp.  
Other caddisflies

Ephemeroptera (1)

Heptageniidae, *Stenonema* sp. 1

Neuroptera (3)

Chrysopidae (Green Lacewings) 1  
Corydalidae, *Nigronia* sp. (Fishfly) 1  
Sialidae, *Sialis* sp. (Alderfly) 1

Coleoptera (Beetles) (82)

Lepidoptera (53)

Moths 40  
Butterflies 13

Orthoptera (6)

Tettigonidae (Long-horned Grasshopper) 3  
Gryllidae (Crickets) 2  
Gryllacrididae (Camel Crickets) 1 [Oakland Forest]

Dermaptera (1)

Forficulidae (Earwigs) 1

Odonata (Dragonflies & Damselflies) (8)

Slender Spreadwing, *Lestes rectangularis*  
Familiar Bluet, *Enallagma civile*  
Common Green Darner, *Anax junius*  
Blue Dasher, *Pachydiplax longipennis*  
Eastern Pondhawk, *Erythemis simplicicollis*  
Ruby Meadowhawk, *Sympetrum rubicundulum*  
Black Saddlebags, *Tramea lacerata*  
Seaside Dragonlet, *Erythrodiplax berenice*

2) Arachnids (9)

Phalangiidae (Daddy Longlegs) 1  
Argiopidae (Orb-weavers) 3  
Thomisidae (Crab Spiders) 2  
Salticidae (Jumping Spiders) 1

Other spider 2

3) Isopoda (Sow Bugs) (3)

Oniscus sp.  
Asellidae, Lirceus sp.  
Metapornothis sp.

4) Chilopoda Centipedes (2)

5) Diploda (Millipedes) (2)

6) Crustaceans (10)

Amphipoda  
Gammarus sp. (Scud), 1  
Orchestia sp., 1

Balanus balanoides, Northern Rock Barnacle  
Hemigrapsus sanguineus, Japanese Shore Crab  
Caprella sp., Skeleton Shrimp  
Callinectes sapidus, Blue Crab  
Cancer borealis, Jonah Crab  
Cancer irrotatus, Rock Crab  
Libinia emarginata, Spider Crab  
Homarus americanus, American Lobster

Mollusks (13)

1) Gastropoda (7)

Land Snails, 2  
Crepidula fornicata, Slipper Shell  
Littorina obtusata, Smooth Periwinkle  
Littorina littorea, Common Periwinkle  
Thais lapillus, Dog Winkle  
Urosalpinx cinerea, Oyster Drill

2) Pelecypoda (6)

Aquapectin irradians, Bay Scallop  
Mytilus edulis, Blue Mussel  
Sphaeridae, Pisidium sp. (Fingernail Clam)  
Anomia simplex, Jingle Shell  
Mya arenaria, Softshell Clam  
Mercenaria mercenaria, Harshell Clam

Annelids (6)

1) Oligochaeta (5)

Lumbricus terrestris (Earthworm)  
other earthworm, 1  
aquatic Oligochaete, 1  
Spirobrus spirillum, Tubeworm  
Nereis virens, Clamworm

2) Hirudinea (1)

Glossiphoniidae, *Helobdella stagnalis* (Leech)

Ciliated Protists (50)

Urochordates (1)

*Botryllus schlosseri*, Golden Star Tunicate

Hydrozoa (1)

*Hydroides dianthus*

Echinoderms (2)

*Henricia sanguinolenta*, Blood Star  
*Asterias forbesii*, Forbes' Asteria

Fungi (5)

Black Cherry Knot, *Apiosporina morbosa* Raytheon  
Rock Tripe, *Umbilicaria mammulata* Norman Bird Sanctuary  
Death Angel, *Amanita* sp. Norman Bird Sanctuary, Oakland Forest  
*Russula* sp. Norman Bird Sanctuary  
*Polypora* sp. Norman Bird Sanctuary

Seaweeds (56) Sachuest Point National Wildlife Refuge

1) Chlorophyta

*Pseudendoclonium submannum*  
*Enteromorpha compressa*  
*Enteromorpha flexuosa* ssp. *paradoxa*  
*Enteromorpha intestinalis*  
*Enteromorpha linza*  
*Ulva lactuca*  
*Blidingia minima*  
*Acrosiphonia arcta*  
*Chaetomorpha linum*  
*Cladophora sericea*  
*Codium fragile*

2) Phaeophyta

*Ectocarpus siliculosus*  
*Pilayella littoralis*  
*Elachista fucicola*  
*Cladostephus spongiosus*  
*Desmarestia aculeata*  
*Ralfsia verrucosa*  
*Laminaria digitata*  
*Laminaria saccharina*  
*Ascophyllum nodosum*  
*Fucus distichus*

*Fucus spiralis*  
*Fucus vesiculosus*  
*Fucus vesiculosus* var. *spiralis*  
*Sargassum* sp.

### 3) Rhodophyta

*Gelidium pusillum*  
*Hildenbrandia rubra*  
*Corallina officinalis*  
*Hydrolithon farinosum*  
*Phymatolithon laevigatum*  
*Phymatolithon lenormandii*  
*Cystoclonium purpureum*  
*Chondrus crispus*  
*Grateloupia doryphora*  
*Mastocarpus stellatus*  
*Phyllophora pseudoceranoidea*  
*Polyides rotundus*  
*Agardhiella subulata*  
*Ahnfeltia plicata*  
*Gracilaria tikvahiae*  
*Champia parvula*  
*Lomentaria baileyana*  
*Antithamnion pectinatum*  
*Callithamnion corymbosum*  
*Callithamnion tetragonum*  
*Callithamnion nodulosum*  
*Grinnellia americana*  
*Membranoptera* sp.  
*Phycodrys rubens*  
*Dasya baillouviana*  
*Chondria baileyana*  
*Chondria capillaris*  
*Chondria dasyphylla*  
*Polysiphonia fucoidea*  
*Polysiphonia harveyi*  
*Polysiphonia lanosa*  
*Polysiphonia nigra*

### Other Algae (1) Norman Bird Sanctuary

*Spirogyra* sp.

### True Mosses (1)

*Sphagnum* sp. Peatmoss

### Vascular Plants (319)

#### ACERACEAE

*Acer negundo* L. var. *negundo*, Box-elder  
*Acer palmatum* Thunb. [K94], Japanese Maple  
*Acer platanoides* L., Norway Maple  
*Acer pseudoplatanus* L., Sycamore Maple

*Acer rubrum* L., Red Maple  
*Acer saccharum* Marshall, Sugar Maple

#### AMARANTHACEAE

*Amaranthus retroflexus* L., Green Amaranth, Rough Pigweed

#### ANACARDIACEAE

*Rhus copallinum* L., Shining, Winged, or Dwarf Sumac  
*Rhus glabra* L., Smooth Sumac  
*Rhus typhina* L., Staghorn or Velvet Sumac  
*Toxicodendron radicans* (L.) Kuntze var. *radicans*, Common Poison Ivy  
*Toxicodendron rydbergii* (Small) Greene, (Rydberg's) or Western Poison Ivy

#### APIACEAE

*Anthriscus sylvestris* L. (G.F. Hoffman), Wild Chervil  
*Cicuta maculata* L., Common Water-hemlock  
*Daucus carota* L., Queen Anne's Lace, Wild Carrot  
*Petroselinum crispum* (Miller) Mansf., Parsley

#### AQUIFOLIACEAE

*Ilex opaca* Aiton, American Holly  
*Ilex verticillata* (L.) A. Gray, Winterberry, Black Alder

#### ARACEAE

*Symplocarpus foetidus* (L.) Nutt., Skunk-cabbage

#### ARALIACEAE

*Aralia nudicaulis* L., Wild Sarsaparilla  
*Aralia spinosa* L., Devil's-walking-stick, Hercules'-club  
*Asclepias syriaca* L. Common Milkweed, Silkweed

#### ASTERACEAE

*Achillea millefolium* L., Common Yarrow, Milfoil  
*Ambrosia artemisiifolia* L., Common Ragweed, Roman Wormwood  
*Anthemis cotula* L., Mayweed, Stinking Chamomile, Dogfennel  
*Arctium minus* Schk., Common Burdock  
*Artemisia vulgaris* L., Common Mugwort  
*Aster divaricatus* L., White Wood-aster, Common White Heart-leaved Aster  
*Aster ericoides* L., Narrow-leaved or Squarrose White Aster  
*Aster laevis* L., Smooth Blue or Smooth Aster  
*Aster novae-angliae* L., New England Aster  
*Aster novi-belgii* L., New York Aster  
*Aster pilosus* Willd., Heath Aster, Awl-aster  
*Aster racemosus* Elliott, Small White or Small-headed Aster; Coastal-plain Aster  
*Baccharis halimifolia* L., Groundsel-tree, Sea-myrtle  
*Bidens cernua* L., Stick-tight, Nodding Bur-marigold, Beggar-ticks  
*Bidens frondosa* L., Devils' Beggar-ticks, Stick-tight  
*Centaurea jacea* L., Brown Knapweed  
*Centaurea maculosa* Lam., Spotted Knapweed



*Centaurea nigra* L., Black Knapweed  
*Chrysanthemum leucanthemum* L., Ox-eye Daisy  
*Cichorium intybus* L., Chickory  
*Cirsium arvense* (L.) Scop., Canada Thistle  
*Cirsium pumilum* (Nutt.) Sprengel, Pasture-thistle, Bull-thistle  
*Cirsium vulgare* (Savi) Tenore, Common Thistle, Bull- or Pasture-thistle  
*Conyza canadensis* (L.) Cronq., Horseweed  
*Erechtites hieraciifolia* (L.) Raf., Pilewort, Fireweed  
*Erigeron strigosus* Muhl., Daisy-fleabane  
*Eupatorium dubium* Willd., Three-nerved or Coastal-plain Joe-Pye-Weed  
*Eupatorium maculatum* L., Spotted or Mottled Joe-Pye-Weed  
*Eupatorium perfoliatum* L., White Boneset, Thoroughwort  
*Euthamia graminifolia* (L.) Nutt., Grass-leaved Goldenrod  
*Euthamia tenuifolia* (Pursh) Nutt., Fine Grass-leaved or Slender Leaved Goldenrod  
*Galinsoga quadriradiata* Ruiz & Pavon, Gallant Soldiers, Hairy Galinsoga  
*Gnaphalium obtusifolium* L., Sweet Everlasting  
*Helianthus annuus* L., Common Sunflower  
*Hieracium caespitosum* Dumort., Yellow King-devil, Field-hawkweed  
*Hypochoeris radicata* L., Spotted Cat's-ear  
*Iva frutescens* L. var. *oraria* (Bartlett) Fern. & Griscom, Hightide-bush, Highwater-shrub  
*Leontodon autumnalis* L., Fall-dandelion, Arnica  
*Solidago canadensis* L. var. *canadensis*, Canada or Common Goldenrod  
*Solidago canadensis* L. var. *scabra* T. & G., Tall Goldenrod  
*Solidago juncea* Aiton, Summer- or Early Goldenrod  
*Solidago patula* Muhl., Rough-leaved Goldenrod  
*Solidago puberula* Nutt., Downy or Dusty Goldenrod  
*Solidago rugosa* Miller, Rough Goldenrod  
*Solidago sempervirens* L. var. *sempervirens*, Seaside-goldenrod  
*Sonchus asper* (L.) Hill, Spiny-leaved or Prickly Sow-thistle  
*Sonchus oleraceus* L., Common Sow-thistle  
*Tanacetum vulgare* L., Common Tansy, Golden-buttons  
*Taraxacum officinale* Weber ex Wiggers, Common Dandelion, Blowballs  
*Xanthium strumarium* L. var. *glabratum* (DC.) Cronq., Beach-clothbur

#### BALSAMINACEAE

*Impatiens capensis* Meerb., Spotted or Orange Touch-Me-Not, Jewelweed

#### BERBERIDACEAE

*Berberis thunbergii* DC., Japanese Barberry

#### BETULACEAE

*Betula alleghaniensis* Britton, Yellow Birch  
*Betula populifolia* Marshall, Gray or Oldfield Birch

#### BORAGINACEAE

*Myosotis scorpioides* L., True Forget-me-not  
*Alliaria petiolata* (Bieb.) Cavara & Grande, Garlic-mustard  
*Barbarea vulgaris* R. Br., Common Winter-cress, Yellow Rocket  
*Cakile edentula* (Bigelow) Hook, Sea-rocket  
*Lepidium campestre* (L.) R. Br., Cow-cress, Field-cress  
*Lepidium virginicum* L., Poor Man's Pepper  
*Lunaria annua* L., Honesty

*Raphanus raphanistrum* L., Wild Radish, Jointed Charlock

#### CAESALPINIACEAE

*Gleditsia triacanthos* L., Honey-locust, Honey-shuck

#### CAPRIFOLIACEAE

*Lonicera japonica* Thunb., Japanese Honeysuckle

*Lonicera morrowii* A. Gray, Morrow's Fly-honeysuckle

*Sambucus canadensis* L., Common Elderberry

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

*Viburnum dentatum* L. var. *venosum* (Britton) Gleason, Southern Arrowwood

*Viburnum opulus* L. var. *opulus*, Guelder Rose, Snowball

#### CARYOPHYLLACEAE

*Cerastium vulgatum* L., Common Mouse-ear Chickweed

*Honckenya peploides* (L.) Ehrh. var. *robusta* (Fern.) House, Seabeach-sandwort

*Saponaria officinalis* L., Soapwort, Bouncing-Bet

*Silene latifolia* Poiret, White Champion, Evening Lychnis

*Spergularia marina* (L.) Griseb., Saltmarsh Sand-spurrey

*Stellaria media* (L.) Villars, Common Chickweed

#### CELASTRACEAE

*Celastrus orbiculatus* Thunb., Asiatic or Oriental Bittersweet

*Euonymus atropurpureus* Jacq., Burning Bush, Wahoo

#### CHENOPODIACEAE

*Atriplex hortensis* L., Orach [if this ID is correct, it would be a new species for the state]

*Atriplex arenaria* Nutt., Seabeach- or Sand-orach

*Atriplex patula* L., Orach, Spearscale

*Chenopodium album* L., Lamb's-quarters, Pigweed

*Salicornia europaea* L., Annual or Slender Glasswort

*Salsola kali* L., Common Saltwort

#### CLETHRACEAE

*Clethra alnifolia* L., Sweet Pepperbush, Soapbush

#### CLUSIACEAE

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

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

#### COMMELINACEAE

*Commelina communis* L., Common or Asiatic Dayflower

#### CONVOLVULACEAE

*Calystegia sepium* (L.) R. Br. , Hedge-bindweed, Wild Morning-glory

*Convolvulus arvensis* L., Field-bindweed

## CORNACEAE

*Cornus sericea* L., Red-osier Dogwood  
*Nyssa sylvatica* Marshall, Black Gum, Black Tupelo

## CUCURBITACEAE

*Sicyos angulatus* L., Bur-cucumber

## CUPRESSACEAE

*Juniperus virginiana* Linnaeus, Northern or Eastern Red Cedar

## CUSCUTACEAE

*Cuscuta gronovii* Willd., Common Dodder, Love-vine

## CYPERACEAE

*Carex hystericina* Muhl., Porcupine-sedge  
*Carex kobomugi* Ohwi, (barley) Sedge  
*Carex lurida* Wahlenb., (reddish-yellow) Sedge  
*Carex swanii* (Fern.) Mackenzie, Swan's Sedge  
*Cyperus lupulinus* (Sprengel) Marcks, (hop-like) Umbrella-sedge  
*Cyperus strigosus* L., False Nutsedge, Straw-colored Cyperus  
*Fimbristylis autumnalis* (L.) Roemer & Schultes, (autumnal, fringe-styled) Sedge  
*Scirpus americanus* Pers., Olney-threesquare, Sword Grass, Chair-maker's Rush  
*Scirpus cyperinus* (L.) Kunth, Wool-grass; Woolly Bulrush  
*Scirpus tabernaemontani* C. Gmelin, Great Bulrush, Softstem-bulrush

## DENNSTAEDTIACEAE

*Dennstaedtia punctilobula* (Michaux) T. Moore, Hay-scented Fern, Boulder-fern  
*Pteridium aquilinum* (Linnaeus) Kuhn var. *latiusculum* (Desvaux) L. Bracken Fern

## DRYOPTERIDACEAE

*Athyrium filix-femina* (L.) Mertens var. *angustum* (Willdenow) G. Lawson, N. Lady Fern  
*Athyrium filix-femina* (L.) Mertens var. *asplenioides* (Michaux) Farwell, S. Lady Fern  
*Dryopteris carthusiana* (Villars) H. P. Fuchs, Spinulose or Toothed Wood-fern  
*Onclea sensibilis* Linnaeus, Sensitive Fern

## ELAEAGNACEAE

*Elaeagnus angustifolia* L., Russian Olive, Oleaster  
*Elaeagnus umbellata* Thunb., Autumn Olive

## EQUISETACEAE

*Equisetum arvense* Linnaeus, Field-horsetail, Common Horsetail

## ERICACEAE

*Gaylussacia baccata* (Wangenh.) K. Koch, Black Huckleberry  
*Vaccinium corymbosum* L., Highbush Blueberry  
*Rhododendron* cv., Cultivated Rhododendron

## EUPHORBIACEAE

*Euphorbia polygonifolia* L., Seaside-spurge

## FABACEAE

*Amorpha fruticosa* L., False or Bastard Indigo, Indigo-bush  
*Lathyrus maritimus* (L.) Bigelow var. *glaber* (Ser.) Eames, Beach-pea  
*Lotus corniculatus* L., Birdsfoot-trefoil  
*Medicago sativa* L., Alfalfa, Blue Alfalfa  
*Melilotus alba* Medikus, White Sweet Clover  
*Melilotus officinalis* (L.) Pallas, Yellow Melilot  
*Robinia pseudoacacia* L., Black Locust  
*Strophostyles helvula* (L.) Elliott, Trailing or Annual Wild Bean  
*Trifolium hybridum* L., Alsike Clover  
*Trifolium pratense* L., Red Clover  
*Trifolium repens* L., White Clover  
*Vicia cracca* L.F, Tufted Vetch; Cow- or Bird-vetch  
*Wisteria* cv., Wisteria (cultivated & naturalized)

## FAGACEAE

*Fagus grandifolia* Ehrh., American Beech, Red Beech  
*Quercus alba* L., White Oak  
*Quercus coccinea* Muenchh., Scarlet Oak  
*Quercus robur* L., English Oak  
*Quercus rubra* L., Red Oak  
*Quercus velutina* Lam., Black Oak

## GERANIACEAE

*Geranium maculatum* L., Wild or Spotted Geranium

## HIPPOCASTANACEAE

*Aesculus hippocastanum* L., Horse-chestnut

## IRIDACEAE

*Iris* sp.

## JUGLANDACEAE

*Carya glabra* (Miller) Sweet, Pignut-hickory  
*Carya tomentosa* (Poiret) Nutt., Mockernut Hickory  
*Juglans nigra* L., Black Walnut

## JUNCACEAE

*Juncus brevicaudatus* (Engelm.) Fern., (short-tailed) Rush  
*Juncus effusus* L., Soft Rush  
*Juncus gerardii* Loisel., Black Grass, Black Rush  
*Juncus tenuis* Willd., Path-rush

## LAMIACEAE

*Glechoma hederacea* L., Ground-ivy, Gill-over-the-ground  
*Lycopus americanus* Muhl., American or Cut-leaved Water-horehound  
*Lycopus virginicus* L., Virginia Water-horehound  
*Mentha spicata* L., Spearmint  
*Prunella vulgaris* L., Heal-all, Self-heal, Carpenter-weed  
*Scutellaria lateriflora* L., Mad-dog Skullcap  
*Teucrium canadense* L., American Germander, Wood-sage  
*Mentha* cv., Mint  
*Origanum vulgare* L., Wild Marjoram

#### LAURACEAE

*Lindera benzoin* (L.) Blume, Northern Spicebush, Wild Allspice  
*Sassafras albidum* (Nutt.) Nees, Sassafras

#### LEMNACEAE

*Lemna minor* L., Lesser Duckweed, Duck's-meat  
*Wolffia columbiana* Karsten, Water-meal

#### LILIACEAE

*Asparagus officinalis* L., Asparagus  
*Maianthemum canadense* Desf., False or Wild Lily-of-the-valley, Canada Mayflower

#### LYCOPODIACEAE

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

#### LYTHRACEAE

*Lythrum salicaria* L., Purple Loosestrife

#### MAGNOLIACEAE

*Liriodendron tulipifera* L., Tulip-tree, Yellow Poplar

#### MALVACEAE

*Malva neglecta* Wallr., Cheeses, Common Mallow

#### MOLLUGINACEAE

*Mollugo verticillata* L., Carpetweed

#### MYRICACEAE

*Myrica pensylvanica* Mirbel, Northern Bayberry

#### OLEACEAE

*Fraxinus americana* L., White Ash  
*Ligustrum obtusifolium* Sieb. & Zucc., Japanese Privet  
*Ligustrum vulgare* L., European or Common Privet  
*Fraxinus pennsylvanica* Marshall var. *pennsylvanica*, Red Ash

## ONAGRACEAE

*Circaea lutetiana* L. var. *canadensis* L., Common Enchanter's Nightshade

## ONAGRACEAE

*Epilobium ciliatum* Raf., American Willow-herb  
*Epilobium coloratum* Biehler, Red-leaved Willow-Herb  
*Epilobium hirsutum* L., Hairy Willow-herb  
*Oenothera biennis* L., Common Evening-primrose  
*Oenothera fruticosa* L., Southern Sundrops

## OROBANCHACEAE

*Epifagus virginiana* (L.) Barton, Beech-drops

## OSMUNDACEAE

*Osmunda cinnamomea* Linnaeus, Cinnamon Fern

## OXALIDACEAE

*Oxalis stricta* L., Common Yellow Wood-sorrel

## PAPAVERACEAE

*Glaucium flavum* Crantz, Sea- or Horn-poppy

## PHYTOLACCACEAE

*Phytolacca americana* L., Pokeweed, Pokeberry

## PINACEAE

*Larix decidua* Miller, European Larch  
*Picea abies* (Linnaeus) H. Karsten, Norway Spruce  
*Picea pungens* Engelm. cv 'Glauca', Blue Spruce  
*Pinus resinosa* Aiton, Red Pine  
*Pinus strobus* Linnaeus, Eastern White Pine  
*Pinus thunbergiana* Franco, Japanese Black Pine  
*Pseudotsuga menziesii*, Douglas Fir

## PLANTAGINACEAE

*Plantago lanceolata* L., Ribgrass, English Plantain  
*Plantago major* L., Common Plantain  
*Plantago media* L., Hoary Plantain

## PLUMBAGINACEAE

*Limonium carolinianum* (Walter) Britton, Sea-lavender

## POACEAE

*Ammophila breviligulata* Fern., Beachgrass

*Cenchrus tribuloides* L., Dune Sandbur [new state record]  
*Dactylis glomerata* L., Orchard-grass  
*Danthonia spicata* (L.) F. Beauv., Poverty-grass, Junegrass  
*Digitaria sanguinalis* (L.) Scop., Common Crabgrass  
*Distichlis spicata* (L.) Greene, Seashore or Salt-meadow Spike-grass, Salt-grass  
*Echinochloa crusgalli* (L.) P. Beauv., Barnyard Grass  
*Echinochloa walteri* (Pursh) Heller, Saltmarsh-cockspur, (Walter's) Water-millet  
*Eleusine indica* (L.) Gaertn., Wiregrass, Goose-grass  
*Elymus virginicus* L., Wild Rye  
*Eragrostis spectabilis* (Pursh) Steudel, Purple Lovegrass, Tumble-grass  
*Glyceria striata* (Lam.) A. Hitchc., Fowl-meadow Grass or Fowl-mannagrass  
*Holcus lanatus* L., Common Velvet-grass  
*Leersia oryzoides* (L.) Swartz, Rice Cutgrass  
*Miscanthus sinensis* Andersson, Eulalia  
*Panicum clandestinum* L., Deertongue  
*Panicum dichotomiflorum* Michx., Fall Panic-grass  
*Panicum lanuginosum* Elliott, Panic-grass  
*Panicum rigidulum* Nees, (somewhat rigid) Panic-grass  
*Panicum virgatum* L., Switchgrass  
*Phalaris arundinacea* L., Reed Canary-grass  
*Phleum pratense* L., Meadow- or Common Timothy  
*Phragmites australis* (Cav.) Trin., Common or Tall Reed, Phragmites  
*Poa annua* L., Annual or Low Speargrass; Annual Bluegrass  
*Poa pratensis* L., Kentucky Bluegrass  
*Schizachyrium scoparium* (Michx.) Nash, Little Bluestem  
*Setaria italica* (L.) P. Beauv., Foxtail-millet, Italian Foxtail  
*Setaria viridis* (L.) P. Beauv., Green Foxtail or Foxtail-grass  
*Spartina alterniflora* Loisel., Salt-water or Smooth Cord-grass  
*Spartina patens* (Aiton) Muhl., Salt-hay Grass; Salt-meadow Grass  
*Spartina pectinata* Link, Freshwater- or Prairie-cordgrass  
*Sporobolus vaginiflorus* (Torr. ) A. Wood, Poverty-grass

#### POLYGONACEAE

*Polygonum arifolium* L., Halberd-leaved Tearthumb  
*Polygonum aviculare* L., Birds' Knotweed, Doorweed  
*Polygonum cuspidatum* Sieb. & Zucc., Japanese Knotweed  
*Polygonum hydropiperoides* Michx, Mild or False Water-pepper  
*Polygonum pensylvanicum* L., Pinkweed, Pink Knotweed  
*Polygonum persicaria* L., Lady's-thumb, Heart's-ease  
*Polygonum sagittatum* L., Arrow-leaved Tearthumb, Arrow-vine  
*Polygonum scandens* L., Climbing False Buckwheat  
*Rumex acetosella* L., Sheep-sorrel  
*Rumex crispus* L., Curly or Yellow Dock

#### POLYPODIACEAE

*Polypodium virginianum* L., Rock-fern; Common or Rock-polypody

#### PORTULACACEAE

*Portulaca oleracea* L., Common Purslane, Pusley

#### PRIMULACEAE

*Lysimachia nummularia* L., Moneywort

*Lysimachia quadrifolia* L., Whorled Loosestrife  
*Trientalis borealis* Raf., Starflower

#### RANUNCULACEAE

*Ranunculus repens* L., Creeping Buttercup

#### RHAMNACEAE

*Rhamnus cathartica* L., Common Buckthorn  
*Rhamnus frangula* L., Glossy Buckthorn, European Alder-buckthorn

#### ROSACEAE

*Amelanchier canadensis* (L.) Medikus, Downy Shadbush, Serviceberry  
*Aronia melanocarpa* (Michx.) Elliott, Black Chokeberry  
*Cotoneaster* sp., Cotoneaster  
*Fragaria vesca* L. var. *americana* Porter, Woodland or Thin-leaved Wild Strawberry  
*Fragaria virginiana* Duchesne, Wild Strawberry, Thick-leaved Wild Strawberry  
*Geum canadense* Jacq., Large White Avens  
*Potentilla canadensis* L., Dwarf Cinquefoil, Running Five-fingers  
*Prunus cerasus* L., Sour Cherry, Pie-cherry  
*Prunus serotina* Ehrh., Wild Black Cherry  
*Pyrus malus* L., Apple  
*Rosa multiflora* Thunb., Multiflora-rose  
*Rosa rugosa* Thunb., Beach-rose, Saltspray Rose  
*Rubus allegheniensis* T. C. Porter, Common Blackberry  
*Rubus flagellaris* Willd., Northern Dewberry  
*Rubus hispidus* L., Swamp-dewberry  
*Rubus occidentalis* L., Black Raspberry  
*Rubus phoenicolasius* Maxim., Wineberry  
*Spiraea alba* Du Roi var. *latifolia* (Aiton) Dippel., Meadowsweet  
*Pyrus* cv., Crabapple species

#### RUBIACEAE

*Galium palustre* L., Marsh-bedstraw

#### SALICACEAE

*Populus alba* L., White Poplar  
*Populus deltoides* Marshall, Eastern Cottonwood  
*Salix babylonica* L., Weeping Willow  
*Salix sericea* Marshall, Silky Willow

#### SCROPHULARIACEAE

*Chelone glabra* L., White Turtlehead  
*Linaria vulgaris* Miller, Butter-and-eggs  
*Scrophularia marilandica* L., Carpenter's Square, Maryland Figwort  
*Verbascum thapsus* L., Common Mullein

#### SIMAROUBACEAE

*Ailanthus altissima* (Miller) Swingle, Tree-of-Heaven



## SMILACACEAE

*Smilax glauca* Walter, Sawbrier  
*Smilax rotundifolia* L., Bullbrier, Common Greenbrier, Catbrier

## SOLANACEAE

*Datura stramonium* L., Jimson-weed, Thorn-apple  
*Solanum dulcamara* L., European Bittersweet, Climbing Nightshade  
*Solanum nigrum* L. var. *nigrum*, (European) Black Nightshade

## SPARGANIACEAE

*Sparganium* sp., Bur-reed

## TAXACEAE

*Taxus baccata* Linnaeus, English Yew

## THELYPTERIDACEAE

*Thelypteris noveboracensis* (Linnaeus) Nieuwland, New York Fern  
*Thelypteris palustris* Schott var. *pubescens* (Lawson) Fernald, Marsh- or Meadow-fern

## TILIACEAE

*Tilia X vulgaris* Hayne {*cordata X platyphyllos*}, European Linden, Lime Tree

## TYPHACEAE

*Typha angustifolia* L., Narrow-leaved Cattail, Cat-o'-nine-tails  
*Typha latifolia* L., Common Cattail, Cat-o'-nine-tails

## URTICACEAE

*Boehmeria cylindrica* (L.) Swartz, Bog-hemp, False Nettle  
*Pilea pumila* (L.) A. Gray, (dwarf) Clearweed, Richweed, Coolwort  
*Urtica dioica* L., Stinging Nettle

## VERBENACEAE

*Verbena hastata* L., Common or Blue Vervain  
*Verbena urticifolia* L. var. *Urticifolia*, White Vervain

## VIOLACEAE

*Viola cucullata* Aiton, Marsh Blue Violet  
*Viola macloskeyi* F. Lloyd var. *pallens* (Banks) C. L. Hitchc., Wild White Violet

## VITACEAE

*Ampelopsis brevipedunculata* (Maxim.) Trautv., Porcelain-berry, Ampelopsis  
*Parthenocissus quinquefolia* (L.) Planchon, Virginia Creeper, Woodbine  
*Vitis aestivalis* Michx., Summer- or Pigeon-grape  
*Vitis labrusca* L., Fox-grape

## ZOSTERACEAE

*Zostera marina* L., Common Eelgrass, Grass-wrack