

Checklist for Bot. Soc. Washington Potomac Spring Wildflower Foray to Bear Island

"*" = introduced. Average fl. dates from Shetler & Wiser. 1987. *Proc. Biol. Soc. Washington* 100: 993-1017.

Suggested notes: (1) where (p=parking, tp=towpath, begin, rocks, return)

(2) stage fl. or fr. (early, peak, late)

Records from Dan H. Nicolson, various lists through 8 Apr. 2008, with additions from later trips

GYMNOSPERMS

PINACEAE

Pinus virginiana (scrub pine)

MONOCOT FAMILIES

ARACEAE

Arisaema triphyllum (Jack-in-the-pulpit)

CYPERACEAE

Carex albicans

Carex careyana (sedge)

Carex laxiculmis

Carex nigromarginata

Carex pensylvanica (sedge) (early fl.)

Carex rosea

JUNCACEAE

Luzula echinata (wood rush) Apr

AMARYLLIDACEAE

**Narcissus* sp.

ASPARAGACEAE

Maianthemum racemosum [*Smilacina racemosa*] (false solomon's seal)

**Muscari botryoides* (grape hyacinth)

Polygonatum biflorum (solomon's seal)

COLCHICACEAE

Uvularia sessilifolia (bellwort)

LILIACEAE

Erythronium albidum (white trout-lily)

Erythronium americanum (yellow trout lily)

MELANTHIACEAE

Trillium sessile (toad trillium)

SMILACACEAE

Smilax rotundifolia (greenbriar) -

POACEAE (GRAMINEAE)

Anthoxanthum odoratum (sweet vernal grass)

Dichanthelium ravenelii

Melica mutica

Poa annua (annual bluegrass)

Poa cuspidata (? bluegrass)

Poa sylvestris (bluegrass)

Poa trivialis

DICOT FAMILIES

ACERACEAE

Acer negundo (box elder, ash-leaved maple)

Acer rubrum (red maple)

Acer saccharinum (silver maple)

Acer saccharum (sugar maple)

ANACARDIACEAE

Rhus glabra (smooth sumac)

Rhus typhina (staghorn sumac)

Toxicodendron radicans (poison ivy)

ANNONACEAE

Asimina triloba (paw-paw)

APIACEAE (UMBELLIFERAE)

Erigenia bulbosa (harbinger-ofspring)

Osmorhiza claytonii (sweet cicely, wild anise) [spreading pubescence]

Osmorhiza longistylis (sweet cicely)

[appressed pubescence]

Zizia aurea (golden alexander)

AQUIFOLIACEAE

Ilex opaca (american holly)

ARISTOLOCHIACEAE

Asarum canadense (wild ginger)

ASTERACEAE (COMPOSITAE)

Antennaria plantaginifolia (pussytoes, everlasting)

Arnica acaulis (leopard's bane)

Erigeron philadelphicus (common fleabane)

Hieracium venosum (veiny hawkweed)

Krigia virginica (Virginia dwarf dandelion)

Senecio aureus [= *Packera*] (golden ragwort)

Taraxacum officinale (dandelion)

Tussilago farfara (coltsfoot)

BERBERIDACEAE

Berberis thunbergii (Japanese barberry)

Jeffersonia diphylla (twin-leaf)

Podophyllum peltatum (may-apple)

BETULACEAE

Alnus serrulata (alder)

Carpinus caroliniana (hornbeam, musclewood)

Ostrya virginiana (hop hornbeam, iron wood)

BORAGINACEAE

Mertensia virginica (bluebells)

BRASSICACEAE (CRUCIFERAE)

**Alliaria petiolata* (garlic mustard)

Arabidopsis lyrata [= *Arabis lyrata*] (lyre-leaved rock cress [lower lvs pinnate])

Arabis laevigata (smooth rock cress) [lower lvs toothed]

**Barbarea vulgaris* (winter cress)

**Capsella bursa-pastoris* (shepherd's purse)

Cardamine angustata [*Dentaria heterophylla*] (slender toothwort) [glabrous, lfl teeth short, rounded]

Cardamine arenicola (tiny sand cress)

Cardamine bulbosa (spring cress) [lvs simple]

Cardamine concatenata [*Dentaria*

laciniata] (cut-leaved toothwort)

[hairy, lfl teeth long, acute]

**Cardamine hirsuta* (bitter cress) [lvs pinnate]

**Erysimum repandum* (treacle-mustard) [hairs 2-5-branched]

**Lepidium campestre* (fieldcress) [stem lvs auricled]

Lepidium virginicum (wild peppergrass) [stem lvs tapering]

CACTACEAE

Opuntia humifusa (eastern prickly pear)

CAPRIFOLIACEAE

**Lonicera japonica* (honeysuckle)

**Lonicera maackii* (Amur honeysuckle)

**Lonicera xylostemon* (European fly-honeysuckle)

Viburnum acerifolium (maple-leaved viburnum) [lvs 3-lobed]

Viburnum prunifolium [lvs fine toothed, veins small (blackhaw)]

Viburnum rafinesqueanum (downy arrow-wood) [lvs big-toothed, veins prominent]

CARYOPHYLLACEAE

**Cerastium arvense* (field chickweed)

**Cerastium fontanum* (common mouse-eared chickweed)

**Cerastium glomeratum* (sticky chickweed)

Silene caroliniana (wild pink) [sepals connate]

**Stellaria media* (common chickweed) [styles 3, lvs petiolate, 1-3 cm]

Stellaria pubera (star chickweed) [styles 3, lvs subsessile, 2-9 cm]

CELASTRACEAE

**Euonymus alata* (winged burning bush)

CORNACEAE

Cornus florida (flowering dogwood)

CRASSULACEAE

Sedum ternatum (3-branched stonecrop)

ERICACEAE

Epigaea repens (trailing arbutus)

Gaylussacia baccata (black huckleberry) [lower lf surface with wax globules]

Kalmia latifolia (sheepkill)

Rhododendron periclymenoides (pinxter)

Vaccinium pallidum (low blueberry) [V. *vacillans*; stamen tips included]

Vaccinium stamineum (deerberry)

- [stamen tips exerted]
FABACEAE (LEGUMINOSAE)
Cercis canadensis (redbud)
Robinia pseudoacacia (black locust)
Vicia caroliniana
- FAGACEAE**
Quercus alba (white oak)
Quercus palustris (pin oak)
Quercus phellos (willow oak)
Quercus stellata [post oak]
Quercus montana [*Q. prinus* auct., not L.] (chestnut oak)
Quercus rubra [*Q. borealis*] (northern red oak)
- FUMARIACEAE**
Corydalis flavula (corydalis)
Dicentra canadensis (squirrel corn)
Dicentra cucullaria (dutchman's breeches)
- GERANIACEAE**
Geranium maculatum (crane's bill, wild geranium)
- HYDROPHYLLACEAE**
Ellisia nyctelea (ellisia) [fls solitary, opp. lvs.]
Hydrophyllum canadense (waterleaf) [perennial]
Phacelia covillei (small-flowered phacelia) [filaments glabrous, endemic]
Phacelia dubia [filaments villous]
Phacelia purshii (miami mist) [petals fringed]
Phacelia ranunculacea (phacelia)
- HYPERICACEAE**
Hypericum prolificum (shrubby St. John's wort)
- JUGLANDACEAE**
Carya glabra
- LAMIACEAE (LABIATAE)**
**Glechoma hederacea* [*Nepeta hederacea*] (gill-over-the-ground, ground ivy)
**Lamium purpureum* (purple dead-nettle)
- LAURACEAE**
Lindera benzoin (spicebush)
Sassafras albidum (sassafras)
- LIMNANTHACEAE**
Floerkea proserpinacoides (false mermaid) [fls 3-merous]
- MAGNOLIACEAE**
Liriodendron tulipifera (tulip poplar)
- NYSSACEAE**
Nyssa sylvatica (black gum, pepperidge)
- OLEACEAE**
Chionanthus virginicus (fringetree)
Fraxinus americana (white ash) [glabrous]
Fraxinus pennsylvanica [hairy] (red ash)
- OROBANCHACEAE**
Conopholis americana (squaw-root)
- Orobanche uniflora* (cancer root) 5/8
- OXALIDACEAE**
**Oxalis corniculata*
Oxalis stricta? (common wood-sorrel)
Oxalis violacea (violet wood-sorrel)
- PAPAVERACEAE**
Sanguinaria canadensis (bloodroot)
- PLATANACEAE**
Platanus occidentalis (sycamore)
- POLEMONIACEAE**
Phlox divaricata (blue phlox)
Phlox subulata (mosspink)
- PORTULACACEAE**
Claytonia virginica (spring beauty)
- PYROLACEAE**
Chimaphila umbellata (pipsissewa)
- RANUNCULACEAE**
Anemone americana [*Hepatica*] (hepatica)
Anemone quinquefolia (wood anemone)
Aquilegia canadensis (columbine)
Ranunculus abortivus (smallflowered crowfoot) basal lvs subentire]
**Ranunculus bulbosus* (bulbous buttercup) [stem bulblike at base]
**Ranunculus ficaria* (lesser celadine) [sepals 3-4]
Ranunculus hispidus var. *nitidus* (swamp buttercup) [*R. septentrionalis*] [basal & cauline lvs alike]
Thalictrum thalictroides [*Anemonella*] (rue anemone)
- ROSACEAE**
Amelanchier arborea (downy serviceberry) [infl. lax, lvs tomentose beneath]
Amelanchier canadensis (shadbush) [infl. ascending]
Amelanchier laevis (smooth serviceberry) [infl. lax, lvs glabrous beneath]
??*Amelanchier nantucketensis* [not confirmed]
**Duchesnea indica* (false strawberry) [bractlets 3-toothed; lfts 3]
**Malus sylvestris* (apple)
Potentilla canadensis (running cinquefoil) [bractlets entire, lfts 5]
Prunus americana [infl. subumbellate] (wild plum)
**Prunus avium* [infl. sub umbellate] (sweet cherry)
Prunus serotina (black cherry) [infl. racemose]
**Pyrus calleryana* (Callery pear)
**Pyrus communis* (common pear)
Rubus flagellaris? (northern dewberry)
- RUBIACEAE**
**Galium aparine* (bedstraw) 4/29
Houstonia caerulea (blueets) 4/4
Mitchella repens (partridge-berry) 5/29
- RUTACEAE**
Ptelea trifoliata (hop-tree) [lvs alt., 3-foliolate] 5/23
- SALICACEAE**
Populus deltoides (cottonwood)
Salix nigra (black willow)
- SANTALACEAE**
Comandra umbellata (bastard toadflax)
- SAXIFRAGACEAE**
Heuchera americana (alumroot)
Saxifraga virginiana (early saxifrage)
- SCROPHULARIACEAE**
**Paulownia tomentosa* (empress tree)
**Veronica hederifolia* (ivy-leafed speedwell)
Veronica persica (speedwell)
- SIMAROUBACEAE**
**Ailanthus altissima* (tree-of-heaven)
- STAPHYLEACEAE**
Staphylea trifolia (bladdernut) [lvs opp. 3-foliolate]
- THYMELAEACEAE**
Dirca palustris (leatherwood)
- TILIACEAE**
Tilia americana (basswood)
- ULMACEAE**
Celtis occidentalis (hackberry)
Ulmus americana (american elm)
Ulmus rubra (slippery elm)
- VIOLACEAE**
Hybanthus concolor (green violet)
Viola bicolor (field pansy, stemmed white violet) [*V. rafinesquii*]
Viola pubescens (stemmed yellow violet) [*V. pennsylvanica*]
Viola sagittata (arrowhead violet)
Viola sororia (common blue violet) [*V. papilionacea*]
Viola striata (stemmed creamy violet)