

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

"*" = introduced.

Average flowering dates for many of these spp. are given by 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 jamesii

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 (early bluegrass)

Poa sylvestris (woodland bluegrass)

Poa trivialis (rough bluegrass)

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 Ivs pinnate])

Arabis laevigata (smooth rock cress) [lower Ivs 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) [Ivs simple]

Cardamine concatenata [*Dentaria laciniata*] (cut-leaved toothwort) [hairy, lfl teeth long, acute]

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

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

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

Lepidium virginicum (wild peppergrass) [stem Ivs 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) [Ivs 3-lobed]

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

Viburnum rafinesqueanum (downy arrow-wood) [Ivs 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, Ivs petiolate, 1-3 cm]

Stellaria pubera (star chickweed) [styles 3, Ivs 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 coveillei (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; lflets 3]
 **Malus domestica* [*M. pumila*; incorrectly as *M. sylvestris*] (apple)
Potentilla canadensis (running cinquefoil) [bractlets entire, lflets 5]
Prunus americana [infl. subumbellate] (wild plum)
 **Prunus avium* [infl. subumbellate] (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 (bluebells) 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)