

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 trips through 2020

GYMNOSPERMS

PINACEAE

Pinus virginiana (scrub pine)

MONOCOT FAMILIES

ARACEAE

Arisaema triphyllum (Jack-in-the-pulpit)

CYPERACEAE

Carex albicans

Carex amphibola

Carex careyana

Carex cephalophora

Carex jamesii

Carex laxiculmis

Carex nigromarginata

Carex pensylvanica (sedge)

Carex rosea

Carex umbellata

Carex woodii

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-of-spring)

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)

Chrysogonum virginianum (green and gold)

Erigeron philadelphicus (common fleabane)

Hieracium venosum (veiny hawkweed)

Krigia virginica (Virginia dwarf dandelion)

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

**Taraxacum officinale* (dandelion)

**Tussilago farfara* (coltsfoot)

**Youngia japonica* (Oriental false hawksbeard)

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)

BORAGINACEAE

**Lithospermum arvense* (Corn Gromwell)

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, lft teeth short, rounded]

Cardamine arenicola (tiny sand cress)

Cardamine bulbosa (spring cress) [lvs simple]

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

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

Cardamine pensylvanica

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

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

Lepidium virginicum (wild peppergrass) [stem lvs tapering]

BUXACEAE

Pachysandra terminalis (Japanese spurge)

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 (blackhaw) [lvs fine toothed, veins small]

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

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