

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 hawkbeard)

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