

August 31: Fulshaw Craeg Preserve, Montgomery County, PA

This joint trip with the Philadelphia Mycology Club explored Fulshaw Craeg Preserve, owned by Natural Lands. The bedrock is diabase, and much of the preserve is typical diabase habitat: rocky woods studded with rounded boulders. The other major habitat we explored was wet meadows, which are known for interesting botany. We started from King Road through lowland woods, where notable plants included *Dirca palustris* (leatherwood) and *Waldsteinia fragarioides* (barren strawberry). We then crossed Ridge Valley Creek, pausing to admire flowers on *Lobelia cardinalis* (cardinal flower), then walked through the first of several meadows along the north side of the creek. This and the other meadows have become heavily invaded with *Microstegium vimineum* (stiltgrass) and to some extent with *Arthraxon hispidus* (small carpetgrass). Nevertheless, we found interesting native plants, including *Solidago speciosa* (showy goldenrod) and *Phlox maculata* (meadow phlox), which had a few flowers still, despite its peak bloom being in June. We next walked through upland woods, where we saw abundant *Actaea racemosa* (black cohosh) and one plant of *Melanthium* (bunchflower), which none of us could remember seeing at this preserve before. Finally, we walked through additional meadows. One of them, despite being choked with *Microstegium*, had a single *Gentiana andrewsii* (bottle gentian) in flower. Another had *Veronicastrum virginicum* (culver's root).

Attendance: 16

Species lists by Janet Novak (plants) and Sam Bucciarelli (fungi). Trip report by Janet Novak

Species Noted

Phenology: fr=fruit; fl=flowers

Scientific Name	Phenology	Comments
Plants		
<i>Acer rubrum</i>		
<i>Acer saccharum</i>		
<i>Achillea millefolium</i>		
<i>Actaea pachypoda</i>	fr	just two seen
<i>Actaea racemosa</i>	fr	syn. <i>Cimicifuga racemosa</i> ; abundant
<i>Adiantum pedatum</i>		
<i>Agrimonia</i> sp.	fr	
<i>Alnus</i> sp.		
<i>Amauropelta noveboracensis</i>		syn. <i>Thelypteris palustris</i>
<i>Amphicarpaea bracteata</i>	fl	
<i>Andropogon gerardii</i>		
<i>Anemone virginiana</i>	fr	
<i>Apios americana</i>		
<i>Apocynum cannabinum</i>		
<i>Aralia nudicaulis</i>		
<i>Arisaema triphyllum</i>		
<i>Artemisia vulgaris</i>		
<i>Arthraxon hispidus</i>		common in the meadows
<i>Asarum canadense</i>		
<i>Asclepias purpurascens</i>	fr	
<i>Asclepias syriaca</i>	fr	
<i>Athyrium</i> sp.		

Betula lenta		
Bidens frondosa		
Boehmeria virginica		
Botrypus virginiana		syn. Botrychium virginianum
Carex spp.		
Carpinus caroliniana		
Carya ovata		
Caulophyllum thalictroides		
Cephalanthus occidentalis	fl	
Cercis canadensis		
Cichorium intybus	fl	
Clematis virginiana		
Coleataenia anceps		
Collinsonia canadensis	fl	oddly, the plants were all around 1' tall
Commelina communis	fl	
Cornus alternifolia		
Cornus florida		
Corylus americana	fr	
Cryptotaenia canadensis	fr	
Daucus carota	fr	
Deparia acrostichoides		
Desmodium sp.	fr	
Dichanthelium boscii	fr	
Dichanthelium sp., probably D. clandestinum		
Dioscorea villosa		
Diospyros virginiana		
Dirca palustris		
Dryopteris marginalis		
Elaeagnus umbellata		
Elymus hystrix		
Erigeron pulchellus		
Euonymus alatus		
Eupatorium fistulosum	fl	
Eupatorium perfoliatum	fl	
Eurybia schreberi or E. macrophylla		
Euthamia graminifolia	fl	
Eutrochium purpureum	fl	syn. Eupatorium purpureum
Fagus grandifolia		some trees looked healthy; others had beech leaf disease
Fraxinus sp		
Gentiana andrewsii	fl	saw just one

Geranium maculatum		
Geum sp.	fr	most likely Geum canadense
Hackelia virginica		
Hamamelis virginiana	bud	
Helianthus decapetalus	fl	
Hepatica americana		
Hesperis matronalis		
Humulus japonicus		
Hylodesmum glutinosum	fr	syn. Desmodium glutinosum
Hylodesmum nudiflorum	fr	syn. Desmodium nudiflorum
Hylotelephium sp.		Syn. Sedum. Presumed garden escape. Link Davis reports that it has been there for years without ever flowering.
Ipomoea pandurata		
Juglans nigra		
Kalmia latifolia		
Laportea canadensis		
Leersia virginica	fr	
Liriodendron tulipifera		
Lobelia cardinalis	fl	
Lobelia inflata	fr	
Lobelia siphilitica	bud	
Lysimachia ciliata		
Maianthemum canadense		
Maianthemum racemosum	fr	
Melanthium sp.		syn. Veratrum; just one plant
Mentha sp.		
Microstegium vimineum		dominant species in the meadows
Mikania scandens	fl	
Mimulus alatus	fr	
Mitchella repens	fr	
Nabalus sp.	bud	syn. Prenanthes
Onoclea sensibilis		
Osmunda claytoniana		
Ostrya virginiana		
Parthenocissus virginica		
Penstemon sp.	fr	
Persicaria arifolia	fl	
Persicaria longiseta	fl	
Persicaria perfoliata		
Persicaria punctata	fl	
Persicaria virginiana	fl	

<i>Phegopteris hexagonoptera</i>		
<i>Phlox maculata</i>	fl, fr	
<i>Phryma leptostachya</i>	fr	
<i>Pilea pumila</i>		
<i>Platanus occidentalis</i>		
<i>Polygonatum pubescens</i>		
<i>Polypodium</i> sp.		
<i>Polystichum acrostichoides</i>		
<i>Potentilla canadensis</i>		
<i>Pycnanthemum virginicum</i>		
<i>Quercus alba</i>		
<i>Quercus ilicifolia</i>		
<i>Quercus montana</i>		
<i>Quercus velutina</i>		
<i>Reynoutria japonica</i>	fl	
<i>Ribes</i> sp.		
<i>Rosa multiflora</i>		
<i>Rubus phoenicolasias</i>		
<i>Salvia lyrata</i>	fr	
<i>Sanguinaria canadensis</i>		
<i>Sanguisorba canadensis</i>		saw just one small plant
<i>Sanicula</i> sp.	fr	
<i>Sassafras albidum</i>		
<i>Silene stellata</i>	fr	
<i>Smilax rotundifolius</i>		
<i>Solanum carolinianum</i>	fr	
<i>Solidago caesia</i>		
<i>Solidago canadensis</i> or <i>Solidago altissima</i>	fl	
<i>Solidago flexicaulis</i>	fl	
<i>Solidago speciosa</i>	bud, fl	
<i>Sorghastum nutans</i>		
<i>Staphylea trifoliata</i>		
<i>Symphyotrich</i> sp., probably <i>S. lateriflorum</i>	bud	
<i>Symphyotrichum cordifolium</i>	bud	
<i>Symphyotrichum prenanthoides</i>	bud	
<i>Symplocarpus foetidus</i>		
<i>Thalictrum pubescens</i>	fr	
<i>Tilia americana</i>		
<i>Toxicodendron radicans</i>		
<i>Tridens flavus</i>		
<i>Trifolium pratense</i>	fl	
<i>Ulmus</i> sp., probably <i>Ulmus rubra</i>		
<i>Uvularia sessilifolia</i>		

<i>Verbena urticifolia</i>	fr
<i>Vernonia noveboracensis</i>	fl
<i>Veronicastrum virginicum</i>	fl, fr
<i>Viburnum acerifolium</i>	fr
<i>Viburnum dentatum</i>	
<i>Viburnum prunifolium</i>	
<i>Viola palmata</i>	
<i>Viola</i> sp., probably <i>Viola eriocarpa</i>	
<i>Waldsteinia fragarioides</i>	
<i>Zizia aurea</i>	

Fungi

Coleosporium sp.
Hygrocybe acutoconica
Hygrocybe conica
Inocybaceae
Lactarius sp.
Phaeoclavulina sp.
Phlebia coccineofulva
Pileolaria brevipes
Pucciniales
Russula sp.
Scutellinia sp.
Stereum lobatum
Trametes lactinea
Trametes versicolor