

# Panther Wildlife Management Area

## April 24-26 2015



The damp group

© Photo D. Stevenson

On April 24-26 2015 a dedicated group of WVNPS members and friends gathered at the Panther Wildlife Management Area in McDowell County WV to search for known rarities and to expand the knowledge base for the flora of the southwestern corner of West Virginia. The base of operations was the group camp at the WMA, a pleasant facility with a



Group lodge at Panther WMA

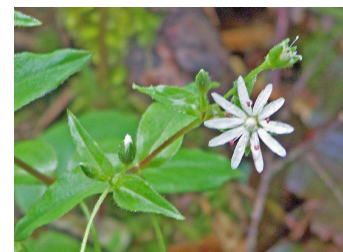
good kitchen, a big fireplace, baths and beds in different room configurations. The weather was less pleasant as the photo of the group in their rain gear shows. Only Saturday afternoon was rain free but that never deterred this group.

The three day observations included 182 species, of which 26 were county records, according to the *Checklist and Atlas of the Vascular Flora of West Virginia*, as updated in the files of West Virginia University's herbarium by Dr. Donna Ford-Werntz. :

Alliaria petiolata, GARLIC MUSTARD Anemone quinquefolia var. minima, DWARF ANEMONE  
 Aralia racemosa?, SPIKENARD Barbarea vulgaris, YELLOW ROCKET  
 Betula alleghaniensis?, YELLOW BIRCH -- Carex platyphylla, BROADLEAF SEDGE  
 Carex torta, TWISTED SEDGE – Carya cordiformis, BITTERNUT HICKORY  
 Cerastium fontanum ssp. vulgare, COMMON MOUSE-EAR CHICKWEED  
 Dryopteris carthusiana, SPINULOSE WOOD FERN Dr. goldiana, GOLDIES SHIELD FERN  
 Fraxinus pennsylvanica, GREEN ASH – Galium aparine?, BEDSTRAW – Geum vernum, SPRING AVENS  
 Heuchera villosa, HAIRY ALUMROOT -- Hydrocotyle sibthorpioides, WATER-PENNYWORT  
 Lamium amplexicaule, HENBIT – Liquidambar styraciflua (cult.?), SWEETGUM  
 Myosoton aquaticum, WATER CHICKWEED – Poa cuspidata, SHORT-LEAVED BLUE GRASS  
 Ranunculus acris, COMMON BUTTERCUP – Rumex crispus?, DOCK – Toxicodendron radicans, POISON IVY  
 Veronica officinalis, SPEEDWELL –Veronia peregrina, PURSLANE SPEEDWELL – Vitis sp. , GRAPE



Dwarf Anemone © K.Campbell



Water Chickweed

Listed species included five threatened species:

Anemone quinquefolia var. minima DWARF ANEMONE  
 Goodyera repens, LESSER RATTLESNAKE PLANTAIN  
 Heuchera longiflora LONG-FLOWERED ALUMROOT  
 Prosartes maculata, MANDARIN  
 Saxifraga caroliniana, CAROLINA SAXIFRAGE



Mandarin © K. Campbell

A perusal of the list of county records and listed plants will find that only one species, the dwarf anemone, appears on both. This is not unusual, frequently the WVNPS list from a trip, such as the one to McClintic in Mason County show that very common plants and/or exotics are county records but the state listed species are already on the list for the county. No one would doubt that poison ivy was present in McDowell County, but it remained to be documented, perhaps there is a reason for that, but it is harder to rationalize common mouse-eared chickweed being a county record. It just reinforces the need to document the plants in the field and to carefully check the county lists to be sure that the weed you passed wasn't a record.



Hold it steady this is an important shot

Photographers were out in this dreary weather but many of the photos required using the delete button because of rain drops on the lens or in the air.



Note the rain drops on this photo

Some plants even had multiple opportunities to be recorded for prosperity, e.g., the *Hepatica* in the rocks photographed by both Judy and Kevin, can you guess who took which shot? A few of the other images that survived will be found in the photo file.



Photos from the Panther Wildlife Management Area



Fire Pink



Gold Seal

© K. Campbell



Fern-leaf Phacelia



Columbine



Wild Ginger



Habitat Fern-leaf Phacelia



Green Violet

© K. Campbell

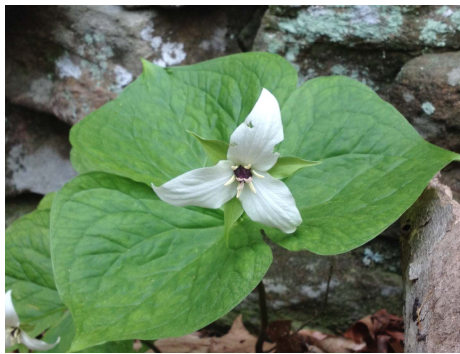
Kevin and Judy see the same plants to photograph....again



Dog Lichen peltigera species



Same tree



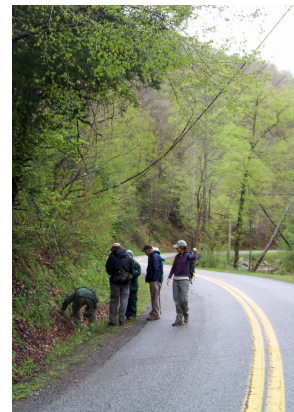
White variety of the "red Trillium"



Same plant, note the notch out of the petal



Long-Flowered Alumroot



After rigorous searching by the group this is where the alumroot was found.

## Plant List

### Panther State Wildlife Management Area McDowell County WV

April 24-26 2015

SCIENTIFIC NAME	COMMON NAME
Acer negundo var. negundo	BOXELDER
Acer pensylvanicum	STRIPED MAPLE, MOOSEWOOD
Acer rubrum var. rubrum	RED MAPLE, SOFT MAPLE
Acer saccharum var. saccharum	SUGAR MAPLE, HARD MAPLE
Actaea racemosa var. racemosa	BLACK SNAKEROOT, BLACK COHOSH, RATTLETOP
Adiantum pedatum	MAIDENHAIR FERN
CR Alliaria petiolata	GARLIC MUSTARD
? Allium canadense var. canadense	MEADOW GARLIC
Amelanchier arborea var. arborea	COMMON SERVICEBERRY
CR Anemone quinquefolia var. minima	DWARF ANEMONE
Anemone quinquefolia var. quinquefolia	WOOD ANEMONE, WIND FLOWER
Aplectrum hyemale	PUTTYROOT, ADAM-AND-EVE
Apocynum cannabinum	INDIAN HEMP
Aquilegia canadensis	WILD COLUMBINE
Arabis laevigata var. laevigata	SMOOTH ROCKCRESS
CR Aralia racemosa?	SPIKENARD
Arisaema triphyllum ssp. triphyllum	COMMON JACK-IN-THE-PULPIT, JACK-IN-THE-PULPIT
Aristolochia macrophylla	DUTCHMAN'S PIPE
Arthraxon hispidus	JOINTED GRASS. SMALL CARPETGRASS
Asarum canadense	WILD GINGER
Asplenium platyneuron	EBONY SPLEENWORT
Asplenium rhizophyllum	WALKING FERN
Athyrium filix-femina var. angustum	NORTHEASTERN LADY FERN
Athyrium filix-femina var. asplenioides	SOUTHERN LADY FERN
CR Barbarea vulgaris	YELLOW ROCKET
CR Betula alleghaniensis?	YELLOW BIRCH
Betula lenta	BLACK BIRCH
Bignonia capreolata	CROSSVINE
? Botrychium virginianum	RATTLESNAKE FERN
? Calycanthus floridus var. floridus	CAROLINA ALLSPICE, STRAWBERRY-SHRUB, SWEET-SPICE
Cardamine concatenata	CUTLEAF TOOTHWORT
Cardamine diphylla	TWO-LEAVED TOOTHWORT
Carex plantaginea	PLANTAIN SEDGE
CR Carex platyphylla	BROADLEAF SEDGE
CR Carex torta	TWISTED SEDGE
CR Carya cordiformis	BITTERNUT HICKORY
CR Cerastium fontanum ssp. vulgare	COMMON MOUSE-EAR CHICKWEED
Cercis canadensis var. canadensis	REDBUD
Circaea lutetiana ssp. canadensis	INTERMEDIATE ENCHANTER'S-NIGHTSHADE

	<i>Claytonia caroliniana</i>	CAROLINA SPRING BEAUTY
	<i>Claytonia virginica</i> var. <i>virginica</i>	SPRING BEAUTY
?	<i>Clematis viorna</i>	LEATHERFLOWER
	<i>Conopholis americana</i>	CANCERROOT
	<i>Cornus alternifolia</i>	ALTERNATE-LEAVED DOGWOOD
	<i>Cornus florida</i>	FLOWERING DOGWOOD
	<i>Corylus americana</i>	Hazelnut
	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	LARGE YELLOW LADY'S SLIPPER
	<i>Cystopteris tenuis</i>	BRITTLE FERN
	<i>Dioscorea quaternata</i>	FOUR-LEAVED WILD YAM
	<i>Diplazium pycnocarpon</i>	GLADE FERN, NARROW-LEAVED ATHYRIUM
	<i>Dirca palustris</i>	LEATHERWOOD, LEATHERBARK
CR	<i>Dryopteris carthusiana</i>	SPINULOSE WOOD FERN
CR	<i>Dryopteris goldiana</i>	GOLDIES SHIELD FERN
	<i>D. intermedia</i>	INTERMEDIATE SHIELD FERN
	<i>Elaeagnus umbellata</i> var. <i>parviflora</i>	AUTUMN OLIVE
	<i>Epifagus virginiana</i>	BEECHDROPS
	<i>Epigaea repens</i>	TRAILING ARBUTUS
	<i>Equisetum arvense</i>	COMMON HORSETAIL
	<i>Erigeron philadelphicus</i> var. <i>philadelphicus</i>	PHILADELPHIA FLEABANE
	<i>Erythronium americanum</i> ssp. <i>americanum</i>	YELLOW TROUT LILY, YELLOW FAWN LILY, TROUT LI
	<i>Euonymus americana</i>	STRAWBERRY BUSH, BURSTING HEART
	<i>Eupatorium fistulosum</i>	COMMON JOE-PYE WEED, HOLLOW JOE-PYE WEED
	<i>Fagus grandifolia</i>	AMERICAN BEECH
	<i>Festuca subverticillata</i>	NODDING FESCUE
CR	<i>Fraxinus pennsylvanica</i>	GREEN ASH
CR	<i>Galium aparine</i> ?	BEDSTRAW
	<i>Galearis spectabilis</i>	SHOWY ORCHIS
	<i>Geranium maculatum</i>	WILD CRANESBILL, WILD GERANIUM
	<i>Geum canadense</i> var. <i>canadense</i>	WHITE AVENS
CR	<i>Geum vernum</i>	SPRING AVENS
	<i>Glechoma hederacea</i>	GROUND-IVY
	<i>Goodyera repens</i>	LESSER RATTLESNAKE PLANTAIN, DWARF RATTLESN
	<i>Hamamelis virginiana</i>	WITCH-HAZEL
	<i>Hepatica nobilis</i> var. <i>acuta</i>	SHARP-LOBED HEPATICA
	<i>Heuchera longiflora</i>	LONG-FLOWERED ALUMROOT
CR	<i>Heuchera villosa</i>	HAIRY ALUMROOT
	<i>Hybanthus concolor</i>	GREEN VIOLET
	<i>Hydrangea arborescens</i>	WILD HYDRANGEA
	<i>Hydrastis canadensis</i>	GOLDENSEAL
CR	<i>Hydrocotyle sibthorpioides</i>	WATER-PENNYWORT
	<i>Ilex opaca</i> var. <i>opaca</i>	AMERICAN HOLLY
?	<i>Impatiens capensis</i>	SPOTTED TOUCH-ME-NOT, JEWELWEED
	<i>Iris cristata</i>	CRESTED IRIS
?	<i>Iris verna</i> var. <i>smalliana</i>	SPRING IRIS, DWARF IRIS
	<i>Juglans nigra</i>	BLACK WALNUT
	<i>Kalmia latifolia</i>	MOUNTAIN LAUREL
CR	<i>Lamium amplexicaule</i>	HENBIT

	<i>Laportea canadensis</i>	WOOD NETTLE
	<i>Leucanthemum vulgare</i>	OX-EYE DAISY
?	<i>Lilium canadense</i> ssp. <i>canadense</i>	CANADA LILY
	<i>Lindera benzoin</i>	SPICEBUSH, BENJAMIN-BUSH
CR	<i>Liquidambar styraciflua</i> (cult.?)	SWEETGUM
	<i>Liriodendron tulipifera</i>	YELLOW- POPLAR, TULIPTREE
	<i>Luzula acuminata</i>	HAIRY WOODRUSH
?	<i>Luzula multiflora</i> ssp. <i>multiflora</i> var. <i>multiflora</i>	COMMON WOODRUSH
	<i>Lysimachia nummularia</i>	MONEYWORT
	<i>Magnolia acuminata</i>	CUCUMBER TREE, CUCUMBER MAGNOLIA
	<i>Magnolia fraseri</i>	MOUNTAIN MAGNOLIA
	<i>Magnolia tripetala</i>	UMBRELLA MAGNOLIA
	<i>Maianthemum racemosum</i> ssp. <i>racemosum</i>	FALSE SOLOMON'S SEAL, PLUMELILY, FALSE SPIKENARD
	<i>Medeola virginiana</i>	INDIAN CUCUMBER ROOT
	<i>Meehania cordata</i>	MEEHANIA
	<i>Menispermum canadense</i>	CANADA MOONSEED
	<i>Microstegium vimineum</i>	EULALIA, JAPANESE STILT GRASS
	<i>Mitchella repens</i>	PARTRIDGE BERRY, CHECKERBERRY
	<i>Mitella diphylla</i>	MITERWORT, BISHOP'S CAP
CR	<i>Myosoton aquaticum</i>	WATER CHICKWEED
	<i>Oenothera biennis</i>	COMMON EVENING-PRIMROSE, WILD BEET
	<i>Onoclea sensibilis</i>	SENSITIVE FERN, BEAD FERN
	<i>Osmorhiza longistylis</i>	SMOOTH SWEET CICELY, ANISEROOT
	<i>Oxalis grandis</i>	GREAT YELLOW WOOD SORREL
	<i>Oxalis violacea</i>	VIOLET WOOD SORREL
	<i>Packera aurea</i>	GOLDEN RAGWORT, GOLDEN GROUNDSEL
	<i>Packera obovata</i>	SQUAW-WEED, ROUND-LEAF GROUNDSEL
	<i>Panax quinquefolius</i>	GINSENG, SENG
	<i>Parthenocissus quinquefolia</i>	VIRGINIA CREEPER
	<i>Penstemon canescens</i>	GRAY BEARDTONGUE
	<i>Phacelia bipinnatifida</i>	FERN-LEAF PHACELIA
	<i>Phegopteris hexagonoptera</i>	BROAD BEECH FERN
	<i>Phlox stolonifera</i>	CREEPING PHLOX
	<i>Phytolacca americana</i> var. <i>americana</i>	POKEWEED
?	<i>Plantago aristata</i>	BRACTED PLANTAIN
	<i>Platanus occidentalis</i>	SYCAMORE
CR	<i>Poa cuspidata</i>	SHORT-LEAVED BLUE GRASS
	<i>Polygonatum pubescens</i>	DOWNY SOLOMON'S SEAL
	<i>Polygonum virginianum</i>	VIRGINIA KNOTWEED, RATTAIL
?	<i>Polymnia canadensis</i>	WHITE-FLOWERED LEAFCUP
	<i>Polypodium virginianum</i>	COMMON POLYPODY FERN
	<i>Polystichum acrostichoides</i>	CHRISTMAS FERN
	<i>Prosartes lanuginosa</i>	HAIRY DISPORUM, YELLOW FAIRYBELLS
	<i>Prosartes maculata</i>	MANDARIN
	<i>Ranunculus abortivus</i>	KIDNEYLEAF CROWFOOT
CR	<i>Ranunculus acris</i>	COMMON BUTTERCUP
	<i>Ranunculus recurvatus</i> var. <i>recurvatus</i>	HOOKEED CROWFOOT
	<i>Rhododendron maximum</i>	GREAT LAUREL, RHODODENDRON

	<i>Rhus copallinum</i> var. <i>latifolia</i>	WINGED SUMAC, SHINING SUMAC
	<i>Robinia pseudoacacia</i>	BLACK LOCUST
?	<i>Rosa carolina</i> var. <i>carolina</i>	PASTURE ROSE
	<i>Rosa multiflora</i>	RAMBLER ROSE, MULTIFLORA ROSE
	<i>Rubus occidentalis</i>	BLACK RASPBERRY
	<i>Rubus odoratus</i> var. <i>odoratus</i>	FLOWERING RASPBERRY
	<i>Rubus phoenicolasius</i>	WINEBERRY
CR	<i>Rumex crispus</i> ?	DOCK
	<i>Sambucus nigra</i> ssp. <i>canadensis</i>	BLACK ELDERBERRY, COMMON ELDER
	<i>Sanguinaria canadensis</i>	BLOODROOT, PUCCOON
	<i>Sassafras albidum</i>	SASSAFRAS
?	<i>Saxifraga caroliniana</i>	CAROLINA SAXIFRAGE
	<i>Sedum ternatum</i>	WILD STONECROP
	<i>Silene virginica</i> var. <i>virginica</i>	FIRE PINK, CATCHFLY
?	<i>Smallanthus uvedalius</i>	YELLOW-FLOWERED LEAFCUP
	<i>Sonchus asper</i> ssp. <i>asper</i>	SPINY SOW THISTLE
	<i>Staphylea trifolia</i>	BLADDERNUT
	<i>Stellaria media</i> ssp. <i>media</i>	COMMON CHICKWEED
	<i>Stellaria pubera</i>	GREAT CHICKWEED
	<i>Taraxacum officinale</i> ssp. <i>officinale</i>	COMMON DANDELION
	<i>Thalictrum thalictroides</i>	RUE ANEMONE
	<i>Thaspium trifoliatum</i> var. <i>trifoliatum</i>	WOODLAND MEADOW-PARSNIP
	<i>Thelypteris palustris</i>	NEW YORK FERN
	<i>Tiarella cordifolia</i>	FOAMFLOWER, FALSE MITERWORT
	<i>Tilia americana</i> var. <i>americana</i>	BASSWOOD, AMERICAN LINDEN
	<i>Tipularia discolor</i>	CRANEFLY ORCHID
CR	<i>Toxicodendron radicans</i>	POISON IVY
	<i>Trillium erectum</i> ?	"RED TRILLIUM"
	<i>Trillium grandiflorum</i>	LARGE-FLOWERED TRILLIUM
	<i>Triodanis perfoliata</i>	VENUS LOOKING GLASS
	<i>Tsuga canadensis</i>	HEMLOCK, SPRUCE-PINE
	<i>Ulmus rubra</i>	SLIPPERY ELM, RED ELM
	<i>Uvularia grandiflora</i>	LARGE FLOWERED BELLWORT
	<i>Uvularia perfoliata</i>	MEALY BELLWORT
	<i>Valerianella radiata</i>	BEAKED CORN SALAD
CR	<i>Veronica officinalis</i>	SPEEDWELL
CR	<i>Veronia peregrina</i>	PURSLANE SPEEDWELL
	<i>Viburnum acerifolium</i>	DOCKMACKIE, MAPLE-LEAF VIBURNUM, MAPLE-LEAF
	<i>Vicia caroliniana</i>	WILD VETCH
	<i>Viola blanda</i> var. <i>blanda</i>	SWEET WHITE VIOLET
	<i>Viola hastata</i>	HALBERD-LEAF YELLOW VIOLET
	<i>Viola pubescens</i> var. <i>scabriuscula</i>	DOWNY YELLOW VIOLET
	<i>Viola rostrata</i>	LONG-SPURRED VIOLET
	<i>Viola rotundifolia</i>	ROUNDLEAF VIOLET
	<i>Viola sororia</i>	DOWNY WOOD VIOLET, COMMON BLUE VIOLET
CR	<i>Vitis</i> sp.	GRAPE

**CR indicates county record for the species**