



Turtle head *Chelone glabra*

On September 12th and 13th the members of the West Virginia Native Plant Society explored five locations in Greenbrier County WV. It was a productive two days yielding nineteen county records and updating many more. The 19 were: Blue Monkshood *Aconitum uncinatum*; Broomsedge, *Andropogon virginicus*; Hedge bindweed, *Calystegia sepium*; Black Knapweed, *Centaurea nigra*; Sandvine, *Cynachum laeve*; Woodland Sunflower, *Helianthus divaricata*; Hirsute sunflower, *H. hirsutus*; Pale-leaved Sunflower, *H. strumosus*; Wild Lettuce *Latuca canadensis*; Trailing Bushclover, *Lespedeza procumbens*, Whorled loosestrife, *Lysimachia lanceolata*; Moneywort, *L. nummularia*; Long Beech Fern, *Phegopteris connectilis*; Dwarf Plantain, *Plantago virginica*; Post Oak, *Quercus stellata*; Pinxter flower *Rhododendron pericymenoides*; Hairy Skullcap, *Scutellaria elliptica var. elliptica*; Grassleaf Ladies Tresses, *Spiranthes vernalis*; Eastern poison ivy *Toxicodendron radicans ssp. negunda*.

Seventeen of the species were species which are tracked because they are considered to be rare in West Virginia. Bluntlobe Grape

Fern, *Botrychium oneidense*; Whitehaired Leatherflower, *Clematis albicoma*; Sundew, *Drosera rotundifolia*; Yellow Buckwheat, *Eriogonum allenii*; Black Ash, *Fraxinus nigra*; Butternut, *Juglans cinerea*; Swamp Lousewort, *Pedicularis lanceolata*; Mountain Fetterbush, *Pieris floribunda*; Water Smartweed; *Polygonum amphibium*; Glaucous Willow, *Salix discolor*; Heart-leaved Skullcap, *Scutellaria ovata ssp. rugosa*; Rock Skullcap, *S. saxitalis*; Rosinweed, *Silphium compositum*, Ladies Tresses, *Spiranthes vernalis*; Canada yew, *Taxus canadensis*; Downey Arrowwood *Viburnum rafinesquianum*;

Both Grassleaf Ladies' Tresses', *Spiranthes vernalis* and Hairy Skullcap, *Scutellaria elliptica var. elliptica* appear both as county records and as tracked species. This suggests that information on tracked species is fairly comprehensive. Other county records continue to reveal that the missing plants may be quite common, but overlooked.

Judi White and Kevin Campbell assembled and submitted the list for this report, for which they deserve recognition and appreciation.



Closed Gentian *Gentiana clausa*

The plant list that follows uses the codes, nomenclature and information from :

Harmon, P.J., D. Ford-Werntz, W. Grafton. 2006 *Checklist and Atlas of the Vascular Flora of West Virginia*, West Virginia Department of Natural Resources, Wildlife Resources Section, Elkins, WV. 381 p.

If the species is in **bold** it is a county record. If an asterisk (*) appears after a name it is supported by an older record requiring updating.

T indicates that the species is state rare and tracked by the West Virginia Heritage program.



Yellow Sneezeweed *Helenum autumnale*

? Indicates that further research on the taxon in WV is required

F Indicates that additional field research is warranted

I Indicates the taxon may be invasive in natural areas

Non native designations include A species is adventive I species is introduced E species is exotic

WVNPS Greenbrier County Field Trips

September 12 and 13, 2015

Greenbrier River Rail Trail, Keister, WV

Common name

Scientific appellation

Jerusalem Artichoke

Small White Aster

Dillenius' Tick-Trefoil

Purpletop

Hedge Bindweed

Hedge Buckwheat

Eastern Poison Ivy

Woodland Sunflower

American Germander ?

Mockernut Hickory

Shingle Oak

Fringed Bromegrass

Dotted St. John's-Wort

Calico Aster

Lance-Leaved Tickseed

Canada Wild Rye

Royal Fern

Virgin's Bower

Common Evening-Primrose

Three-Lobed Coneflower

Black Sugar Maple

Puttyroot

Cinnamon Vine **E I**

Sandvine

Rattlesnake Fern

Ebony Spleenwort

Downy Rattlesnake Plantain

Greater Water Starwort

Smaller Forget-Me-Not

Common Beggar-Ticks

Marsh Purslane

Mountain Watercress

Great Blue Lobelia

Crooked-Stem Aster

Starry Champion

Bladder Champion **E**

Yellow Buckeye

Wrinkled-Leaf Goldenrod

Hog-Peanut

Post Oak

Witch-Hazel

Sassafras

White-Haired Panic Grass

Muscletree

Grassleaf Ladies' Tresses ?

Snakeroot

Winged Sumac

Tall White Lettuce

Common Lousewort

Helianthus tuberosus *

Symphyotrichum racemosum

Desmodium glabellum *

Tridens flavus *

***Calystegia sepium* CR**

Polygonum scandens *

Toxicodendron radicans ssp. *radicans* *

***Helianthus divaricata* CR**

Teucrium canadense var. *canadense*

Carya alba

Quercus imbricaria

Bromus ciliatus *

Hyp ericum punctatum *

Symphyotrichum lateriflorum

Coreopsis lanceolata

Elymus canadensis *

Osmunda regalis

Clematis virginiana *

Oenothera biennis *

Rudbeckia triloba

Acer nigrum

Aplectrum hyemale

Dioscorea oppositifolia

***Cynanchum laeve* CR**

Botrychium virginianum *

Asplenium platyneuron

Goodyera pubescens

Callitriche heterophylla

Myosotis laxa

Bidens vulgata *

Ludwigia palustris *

Cardamine rotundifolia

Lobelia siphilitica *

Symphyotrichum prenanthoides

Silene stellata *

Silene vulgaris *

Aesculus flava

Solidago rugosa var.

Amphicarpaea bracteata

***Quercus stellata* CR**

Hamamelis virginiana

Sassafras albidum

Dichanthelium villosissimum *

Carpinus caroliniana

***Spiranthes vernalis* CR**

Aristolochia serpentaria *

Rhus copallinum *

Prenanthes altissima

Pedicularis canadensis *

T

Indian Tobacco			<i>Lobelia inflata</i> *
Lopseed			<i>Phryma leptostachya</i> *
Horse balm			<i>Collinsonia canadensis</i> *
River birch			<i>Betula nigra</i>
Red Mulberry			<i>Morus rubra</i> *
White-Flowered Leafcup			<i>Polymnia canadensis</i> *
Groundnut			<i>Desmodium sp</i>
Black Snakeroot			<i>Actaea racemosa</i>
Cutleaf Grapefern			<i>Botrychium dissectum</i>
Rattlesnake Fern			<i>Botrychium virginianum</i> *
Bitternut Hickory			<i>Carya cordiformis</i> *
Tall Bellflower			<i>Campanulastrum americanum</i> *
Maidenhair Fern ?			<i>Adiantum pedatum</i>
Canada Moonseed			<i>Menispermum canadense</i> *
Wood Nettle			<i>Laportea canadensis</i> *
White Wood Aster			<i>Eurybia divaricata</i>
Bloodroot			<i>Sanguinaria canadensis</i>
Fall phlox			<i>Phlox paniculata</i> *
Broadleaf Goldenrod			<i>Solidago flexicaulis</i> *
Marginal Shield Fern			<i>Dryopteris marginalis</i>
Butternut ?	T		<i>Juglans cinerea</i>
Mooswood or Striped Maple			<i>Acer pensylvanicum</i> *
Hairy Heuchera			<i>Heuchera villosa</i>
Basswood			<i>Tilia americana var. americana</i>
Flowering Raspberry			<i>Rubus odoratus</i>
Tall Blue Lettuce			<i>Lactuca biennis</i>
Walking Fern			<i>Asplenium rhizophyllum</i> *
Mountain Maple			<i>Acer spicatum</i>
Red Elderberry			<i>Sambucus racemosa</i> *
Bottle Gentian			<i>Gentiana andrewsii</i>
Rock Skullcap ? F	T		<i>Scutellaria saxatilis</i>
Southern Bellflower			<i>Campanula divaricata</i>
Tall Goldenrod			<i>Solidago altissima</i> *
Silverrod			<i>Solidago bicolor</i>
Wreath Goldenrod			<i>Solidago caesia</i> *
Thimbleweed			<i>Anemone virginiana</i> *
Mountain Laurel			<i>Kalmia latifolia</i> *
Fireweed			<i>Chamerion angustifolium</i>
Long Beech Fern			<i>Phegopteris connectilis</i> CR
Wide-Leaved Joe-Pye Weed			<i>Eupatorium purpureum</i> *
Wrinkled Leaf Goldenrod			<i>Solidago rugosa</i>
Mountain Magnolia			<i>Magnolia fraseri</i>
Bracken Fern			<i>Pteridium aquilinum var. latiusculum</i> *
Big Bluestem			<i>Andropogon gerardii</i> *
Oak Fern			<i>Gymnocarpium dryopteris</i>
Bulbiferous Bladder Fern			<i>Cystopteris bulbifera</i>
Canada Yew		T	<i>Taxus canadensis</i>
Ninebark			<i>Physocarpus opulifolius</i> *
Whorled Rosin Weed			<i>Silphium trifoliatum</i>
Blue Monkshood			<i>Aconitum uncinatum</i> CR
Wild Sensitive Plant			<i>Chamaecrista nictitans</i>
Late Purple Aster			<i>Symphyotrichum phlogifolium</i>
Wild Lettuce			<i>Lactuca canadensis</i> CR
Streamside Alder			<i>Alnus serrulata</i>
Tall Coneflower			<i>Rudbeckia laciniata</i>
Common Joe-Pye Weed			<i>Eupatorium fistulosum</i>
Prickly Gooseberry			<i>Ribes cynosbati</i>
Staghorn Sumac			<i>Rhus typhina</i> *
Giant Sunflower		A	<i>Helianthus giganteus</i>
Whorled Loosestrife			<i>Lysimachia lanceolata</i> CR
Crooked-Stem Aster			<i>Sympyotrichum prenanthoides</i>
Virginia Strawberry			<i>Fragaria virginiana</i>
Trailing Bushclover			<i>Lespedeza procumbens</i> CR
Dwarf Plantain			<i>Plantago virginica</i> CR
Watercress ? I			<i>Rorippa nasturtium-aquaticum</i> *
Sweet-Scented Bedstraw			<i>Galium triflorum</i>
Alternate-Leaved Dogwood			<i>Cornus alternifolia</i>
Goatsbeard			<i>Aruncus dioicus</i> *
Hairy Skullcap			<i>Scutellaria elliptica var. elliptica</i> CR
Pale-Leaved Sunflower			<i>Helianthus strumosus</i> CR

Whites Draft Shale Barren

Downy Arrowwood	?	T	<i>Viburnum rafinesquianum</i>
Blunt Lobed Woodsia			<i>Woodsia obtusa</i>
Dwarf Chinquapin Oak			<i>Quercus prinoides</i> n.b. not a county record but the only county listed for WV, not tracked
Slender Knotweed			<i>Polygonum tenue</i>
Silverrod			<i>Solidago bicolor</i>
Whitehaired Leatherflower	?	T	<i>Clematis albicoma</i>
Pasture Rose			<i>Rosa carolina</i> *
Bird-Foot Violet			<i>Viola pedata</i>
Yellow Buckwheat		T	<i>Eriogonum allenii</i>
New Je Tea y			<i>Ceanothus americanus</i>
Scrub Oak			<i>Quercus ilicifolia</i>
Heart-Leaved Skullcap	F	T	<i>Scutellaria ovata ssp. rugosa</i>
Riverbank Grape			<i>Vitis riparia</i>

Sherwood Lake Area Road Cut

Sundew	?	T	<i>Drosera rotundifolia</i> *
Mountain Fetterbush		T	<i>Pieris floribunda</i>
Rosinweed	?	T	<i>Silphium compositum</i> *
Nodding Ladies' Tresses			<i>Spiranthes cernua</i>
Downy Yellow Foxglove			<i>Aureolaria virginica</i> *
Summer Grape			<i>Vitis aestivalis</i> *
Bigtooth Aspen			<i>Populus grandidentata</i> *
Hirsute Sunflower			<i>Helianthus hirsutus</i> CR
Glaucous Willow		T	<i>Salix discolor</i>
Flat-Top White Aster			<i>Doelligeria umbellata</i>
Wavy-Leaf Aster			<i>Sympyotrichum undulatum</i>
Fly Poison			<i>Amianthium muscitoxicum</i>

Meadow River WMA, Grassy Meadows Rd. Dawson, WV

Swamp Lousewort		T	<i>Pedicularis lanceolata</i>
Groundnut			<i>Apios americana</i>
Pin Oak			<i>Quercus palustris</i>
Brookside Alder			<i>Alnus serrulata</i>
Tall Agrimony			<i>Agrimonia gryposepala</i> *
New York Ironweed			<i>Veronia noveboracensis</i>
Closed Gentian			<i>Gentiana clausa</i>
Water Smartweed		T	<i>Polygonum amphibium</i>
Woolgrass			<i>Scirpus cyperinus</i>
Yellow Sneezweed			<i>Helenium autumnale</i>
Kinnikinnik			<i>Cornus amomum</i>
Purple-Leaved Willow-Herb			<i>Epilobium coloratum</i>
Common Monkey-Flower			<i>Mimulus ringens</i> *
Blue Vervain			<i>Verbena hastata</i>
Pipestem or Meadowsweet			<i>Spiraea alba</i>
Nodding Ladies' Tresses			<i>Spiranthes cernua</i>
Arrowleaf Tearthumb			<i>Polygonum sagittatum</i>
Shrubby St. John's-Wort			<i>Hypericum prolificum</i> *
Buttonbush			<i>Cephalanthus occidentalis</i>
Peppermint	E I		<i>Mentha x piperita</i> *
Foxtail Sedge			<i>Carex vulpinoidea</i> *
Common Rush			<i>Juncus effusus var. solutus</i> *
Turtlehead			<i>Chelone glabra</i>
Purple-Stem Aster			<i>Symphyotrichum puniceum</i>
Great Blue Lobelia			<i>Lobelia siphilitica</i> *
Moneywort	I		<i>Lysimachia nummularia</i> CR
Rice Cutgrass			<i>Leersia oryzoides</i>
Sallow Sedge			<i>Carex lurida</i>
Panicled Aster	?		<i>Symphyotrichum lanceolatum</i>
Pin Oak			<i>Quercus palustris</i>

Meadow River WMA, Lawn Rd. Dawson, WV

False Pennyroyal			<i>Isanthus braciatus</i>
White Bedstraw	E		<i>Galium mollugo</i>
Gay Feathers			<i>Liatris spicata</i>
Panicled Dogwood			<i>Cornus racemosa</i>
Swamp White Oak			<i>Quercus bicolor</i>
Greater Bladder Sedge			<i>Carex intumescens</i>
Bushy Beardgrass	F		<i>Andropogon glomeratus</i>
Smooth Paspalum			<i>Paspalum laeve</i> *
Little Bluestem			<i>Schizachyrium scoparium</i> *
Black Haw			<i>Viburnum prunifolium</i>
Hazelnut			<i>Corylus americana</i>
Glade St. John's-Wort			<i>Hypericum densiflorum</i>
Heal-All	E		<i>Prunella vulgaris</i> *
Devil's Bit			<i>Chamaelirium luteum</i> *
Whorled Loosestrife			<i>Lysimachia quadrifolia</i> *
Mad-Dog Skullcap			<i>Scutellaria lateriflora</i> *
Beaked Rush			<i>Rhynchospora capitellata</i> *
Maleberry			<i>Lyonia ligustrina</i>
Giant Sunflower	A		<i>Helianthus giganteus</i>
Hairy Bedstraw			<i>Galium pilosum</i> *
Bluntlobe Grapefern	?	T	<i>Botrychium oneidense</i>
Flat-Top White Aster			<i>Doellingeria umbellata</i>
Calico Aster			<i>Symphyotrichum lateriflorum</i>
Smooth Arrowwood			<i>Viburnum recognitum</i>
White Pine			<i>Pinus strobus</i> *
Downy Rattlesnake Plantain			<i>Goodyera pubescens</i>
Cancerroot			<i>Conopholis americana</i>
Winterberry			<i>Ilex verticillata</i> *
Cinnamon Fern			<i>Osmunda cinnamomea</i> *
Partridge Berry			<i>Mitchella repens</i> *
Wild Raisin			<i>Viburnum nudum</i> var. <i>cassinoides</i>
Pinxter Flower			<i>Rhododendron periclymenoides</i> CR
Green Ash			<i>Fraxinus pennsylvanica</i>
Black Ash		T	<i>Fraxinus nigra</i>
Cowbane			<i>Oxypholis rigidior</i>
Swamp Milkweed			<i>Asclepias incarnata</i> *
Indian Cucumber Root			<i>Medeola virginiana</i> *
Coltsfoot			<i>Hexastylis virginica</i> *
Small Green Wood Orchid			<i>Platanthera clavellata</i>
Black Knapweed	E I		<i>Centaurea nigra</i> CR
Boneset			<i>Eupatorium perfoliatum</i> *
Northern Bugleweed			<i>Lycopus uniflorus</i>
Eastern Poison Ivy			<i>Toxicodendron radicans</i> ssp. <i>negundo</i> CR
Broomsedge			<i>Andropogon virginicus</i> CR