HERBARIUM WORKSHOP

The Value of Herbaria and How to Collect, Dry, Label, and Mount Plant Specimens

MARCH 26, 2016

West Virginia Wesleyan College, Buckhannon WV

Schedule for the day:

11:00 A.M. board meeting

12:00-1:00 PM lunch buffet on campus cost $7.55

1:00-3:30 PM talk and workshop led by Dr. Kathy Gregg

Directions: From route 33 from either Weston or Elkins, take the Route 20 exit and turn south into Buckhannon. Continue on route 20 going south for a mile or so. At the McDonalds’s intersection, turn left onto College Avenue. Take College Avenue for 3-4 blocks until you reach the College property where you will see a main entrance sign across from the intersection with Meade Street. Turn right onto Meade Street and continue until you reach the T-intersection with Camden Avenue. Turn left onto Camden Avenue, then take the next right that will take you past a large parking lot behind the Camden Avenue dormitories on your left. The new Dunn Hall will be on the right as you turn. Continue until you reach a large open parking area where anyone can park. After parking, walk back between the Camden Avenue apartments, or to their left. Cross Camden Avenue (a boulevard with central tree-planted area) and take the sidewalk to the right of the new fountain. This sidewalk will take you past the dining hall, student center, and Rockefeller Gym on the right and then up to the Christopher Hall of Science, with its new Reemsnyder research wing. Enter the door of the old building, and go up to the second floor.

The meeting and talk will be held in room 217 of Christopher Hall Of Science. Kathy Gregg’s office is 219. Her office phone (with answering machine) is 304-473-8124 for questions on the day of the meeting. For questions prior to the meeting or early on the 26th, call 304-472-4055 home phone with answering machine. Or you may email Kathy at gregg@wvwc.edu. The workshop will be held in the herbarium workroom, Christopher 214.
The talk will include information about the uses and importance of herbaria in general, numerous reasons why herbaria are critical for helping us to understand and conserve native flora, a bit of history about the Rossbach Herbarium and a demonstration of our current digitization and imaging project that to date has put over 10,000 specimens online, available 24/7.

The workshop will be a demonstration of how to collect, press, mount, and label specimens, with an opportunity for everyone to mount one or two specimens. If you already have some pressed, dried specimens, you can bring them, mount them, and then take them home. Some mounted specimens are pretty enough to frame! For those who don’t have any ready-to-mount specimens, Kathy plans to have some evergreens or very, very early spring ephemerals dried and pressed so that folks will have some specimens to mount and take home. Also available for mounting will be some collections from a few local spots that will then be added to the herbarium’s collection. Herbarium paper, glue and tape will be provided.

After the workshop, participants may tour Wesleyan’s rooftop greenhouse, and/or Kathy Gregg’s personal greenhouse a few blocks away.

Possible field trip Sunday Morning

There is a possibility of a local field trip Sunday morning for those interested and staying overnight. Kathy and her husband have property about 30 minutes away in southern Upshur County that has a pond, meadows, little creeks, ravine, ridge and several different forest communities. Yes, it’ll be really early in the spring but we’re bound to find a few things: lycops, mosses, winter orchid leaves and seed pods, etc. Those interested should get in touch with Kathy (email address on page 1) so she can arrange an email group to discuss the possibilities further.

All about Kathy

Dr. Gregg is Professor Emerita of Biology after having taught at West Virginia Wesleyan College for 37 years. She is currently Curator of the George B. Rossbach Herbarium and Director of the Greenhouse. She earned her B. A. Degree from Emory University and a Ph.D. in Biology for the University of Miami, Coral Gables, FL. Her course specialities were Plant Systematics, Microbiology, and Experimental Biology, and co-leading numerous tropical ecology study courses in Jamaica, Belize, and the Peruvian Amazon. Long interested in the biology of orchids, she has published 20 scientific articles in peer-reviewed journals and has presented her work at international, national and regional meetings. Her orchid research has contributed to the management of the orchid populations in West Virginia on the Monongahela National Forest, and in the Canaan Valley State Park; in The Nature Conservancy’s Green Swamp Preserve, North Carolina; as well as at the Morningside Nature Center, Gainesville, Florida. She continues to explore reproductive and population biology of orchids, and has recently co-authored a floristic study of a species-rich meadow in Barbour County (“The Flora of Beavers’ Meadow, Barbour County, West Virginia, revisited after a Quarter Century”, Castanea 80(2) 130-143, 2015). With a grant from WV’s Higher Education Policy Commission Division of Science and Research, she is data-basing and imaging the 25,000+ specimens in the Rossbch Herbarium.

(Editors note the issue of Castanea mentioned above also included a color cover photograph from Kathy’s garden, but not of an orchid.)

To access the material from the herbarium that has already been prepared for the web see:
http://cdm16111.contentdm.oclc.org/cdm/landingpage/collection/p15135coll5

Kathy in the herbarium
Put your money where your mouth is has always been a statement that rings true. Your WVNPS clearly believes it is true. For the last several years the board and members have made modest contributions to four of the functioning herbaria (plural of herbarium) in West Virginia. At a time when competition for funds and space in the academic world is ever increasing, any indication that there is public support for herbaria carries an impact beyond the initial financial donation. Donation of specimens and time are also indicators that the herbaria are not fossils left over from the Victorian age; however money seems to speak louder. I July 2015 Nature ran a News Article http://www.nature.com/news/plant-collections-left-in-the-cold-by-cuts-1.17875 which detailed the closing of the University of Missouri herbarium and the transfer of the specimens to the Missouri Botanical Garden. In the course of the article they mentioned that since 1997 over 100 herbaria have closed, leaving just over 600 in the US. Our contributions help to keep four of those 600 in place. Below you will find acknowledgments from the curators of the herbaria that received funds after the fall 2016 annual meeting.

I received the check for the Rossbach Herbarium and am again very grateful for the continued support of the WVNPS. I will probably purchase more mounting tape and genus folders. Rossbach filled his folders too full and as we go through the collection data-basing and imaging, I am trying to divide up the sheets into additional folders to avoid the crush of those that are too full. Again, thanks so much!

Katharine B. Gregg, Professor of Biology, Emerita
Curator, George B. Rossbach Herbarium
West Virginia Wesleyan College

I greatly appreciate the support of the WVNPS of my efforts on behalf of WV bryophytes over the years. It means a lot, as it is money clearly designated for the bryophytes & lichens so I should be able to spend it without problems on essential supplies such as archival boxes.

Susan Moyle Studlar, Ph. D.
Visiting Associate Professor of Biology
Department of Biology, Box 6057
West Virginia University
Morgantown, WV 26506-6057

Thank you to the WVNPS for the ongoing support: this donation provides material not funded by grants.

Donna Ford-Werntz, Herbarium Curator
Associate Clinical Professor
Biology Dept., Box 6057
Life Sci. Bldg., 53 Campus Dr.
West Virginia Univ.
Morgantown, WV 26506
biology.wvu.edu
Here’s where WVNPS members went

Winter Workshops on Trees

The Eastern Panhandle Chapter has been pursuing the woody plants under the guidance of Rodney Dever. There were two tree walks, 31 October and 3 November 2015 with a total of 28 participants. As a result four workshops were held in February at Shepherdstown University on winter tree identification with a total attendance of 73.

Two weeks later Romie Hughart led a winter twig and tree identification workshop at Beech Fork State Park, providing a copy of his guide to trees to all participants.

Greenbrier County Fall Field Trip

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.


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


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. The full list may be found at: [http://www.wvnps.org/015-09-12greenbrier.pdf](http://www.wvnps.org/015-09-12greenbrier.pdf)

Native Notes    Winter/Spring 2016

West Virginia Native Plant Society        4
Events to Come

Because the registration for the Webster County Nature Tour might fill, early information is being included with this Native Notes. A copy of the brochure will be found with the e-mail version and for those with print copies it may be found on the web site.

May 13-15 Webster County Nature Tour. The WVNPS plans to attend this event. A board meeting is proposed for 5:00 P.M. on Saturday (5/14/16). The walks should be over about 3:30 PM. Dinner starts at 6:00 PM.

Plan to enjoy spring in the beautiful hills of Webster County, WV. Held annually the first weekend of May, the Webster County Nature Tour is put on by the Webster Springs Garden Club. You can explore wildflowers, native wildlife and other wonders of nature. Walking and driving tours of scenic areas of Webster County are conducted, along with evening entertainment. The weekend activity is centered at Camp Caesar.

Lodging is in rustic cabins and all meals, tours and entertainment are included. Participants are advised to bring warm clothing, sturdy hiking shoes, a sleeping bag or sheets and blankets, pillow, towels, washcloth and rain gear and camera. Cost is $125 per person, which includes five meals, two nights lodging, nightly program/entertainment and your choice of tours. Additional options for partial participation exist.

For additional information regarding the nature tour please call Camp Caesar at 304 226-3888 or call Garden Club representatives Brenda Rule at 304 847-7648 or Linda Carpenter at 304 847-2467, email teddybear.jasmine@yahoo.com.

For those who do not want to stay at Camp Caesar—there is the Mineral Springs Hotel in Webster Springs (304-847-5305). This hotel is 20 minutes away. There are three or four hotels in Summersville which are forty minutes away.

Kevin Campbell
2311 Ohio Avenue
Parkersburg, WV  26101
304-420-4635 land  304-488-3524 cell

Tri State Chapter

On May 7 the chapter will visit Cabwaylingo State Park (Forest) in Wayne County WV. The tour will start at 9AM. For information and directions contact: Romie Hughart (304) 523-1049 or romie5006@yahoo.com

Cabwaylingo State Forest cliff

Eastern Panhandle Chapter

April 10 Spring ephemeral walk at Yankauer Nature Preserve in Berkeley County, WV, on Whiting’s Neck Road. Meet Sunday April 10th at 10 a.m. in the pavilion near the entrance.

https://www.google.com/maps/d/viewer?mid=zg84vuMHoD-s.kzA5tmtnNzJl&msa=0&hl=en&ie=UTF8&t=h&ll=39.500762,-77.850044&spn=0.007451,0.013711&z=16&source=embed

April 13 Spring ephemeral walk will be at Ferry Hill Plantation. Meet 10 a.m. along the C&O Canal below the Route 34, Rumsey, Bridge across from Shepherdstown, on the Maryland side of the river. Parking may be available in the small parking lot near Route 34, Rumsey Bridge.

https://www.google.com/maps/dir//39.433927,-77.795512/@39.433927,-77.795512,17z?hl=en Otherwise, parking is also available in a large parking lot on Canal Road near the railroad trestle. In that case, just park and walk the Canal towpath back to the Route 34, Rumsey Bridge. https://www.google.com/maps/dir//39.433927,-77.795512/@39.433927,-77.795512,17z?hl=en

Rodney Dever  rodneydever@virginia.edu
(304) 676 7438
People and Pleas

Thank You

At the fall 2015 annual meeting two long serving members completed their terms of service. The WVNPS is grateful for the years of help and encouragement they have provided.

Donna Ford-Werntz served a director, she has been a faithful attendee at meetings and provided information on the species to be likely to be encountered and recorded at the sites. Always reliable, if she said she would do something, she did.

Romie Hughart served as president and then as past president. He will continue to be the liaison with the tri-state chapter where he organizes the yearly schedule, field trips, going to places of high botanical interest.

Kevin Campbell has agreed to serve on the board as director starting a three year term after the annual meeting. Kevin has organized the field trips for the last few years. All the members who have taken any of the trips realize the merit of the selections but they may not realize the many hours he has put into the arrangements. Welcome to the board Kevin.

Elizabeth Byers has been busy, several months ago she sent the following:

I am just back from 2 and a half months in Nepal, immersing myself in Himalayan flora for the book I am writing (Flowers of Mount Everest National Park), and also helping with earthquake relief and forming part of a volunteer scientific team that is assessing the safety of unstable glacial lakes. It is wonderful to have a half-time position with the state so that I can pursue these other directions, which formed such an important part of my early career and life.

Now the Pleas

Reports and photos of algae blooms in the drainage of the Potomac River are needed. For further details on the available app contact: GMSelckmann@icprb.org.


In the News

Several members were mentioned in the March 2016 issue of Wonderful West Virginia. Susan Studlar was featured in an article on lichens, entitled “Brave Pioneers”. The very next article was " A Rare Joy” which featured the wetlands of WV and relied upon Elizabeth Byers and Jim Vanderhorst for much of the information it contained.

Jim and Elizabeth also contributed to the well received Central Appalachians Forest Ecosystem Vulnerability Assessment and Synthesis: A Report from the Central Appalachians Climate Change Response Framework Project. Northern Research Stations General Technical Report NRS-146. Some copies may still be available from the USDA Forest Service Publication Distribution 359 Main Road Delaware, Ohio 43015-8640 (free). It is available as a download at http://www.treesearch.fs.fed.us/pubs/47885

Phaseolus polystachious

Wild Kidney Bean, Thicket Bean

The hunt for this bean is still on. The primary investigator, Theodore Kisha, may be able to come to West Virginia to look at specimens and would appreciate leads, and/or field accompants. He has supplies, such as envelopes and desiccants, available for those who could collect this species for him. You may contact him at theodore.kisha@USDA.gov Or through Donna Ford-Werntz at dfodrd2@wvu.edu

Highlights of the September 12, 2015 Board and Annual Meetings

The meeting was held at the Blue Bend Recreation Area in Greenbrier County WV.

7 Board members and 7 members attended

The society remains in sound fiscal condition.

The society continues to lose older members but has 24 new members.

Chapter activities continue. Tri State had a field trip to Grayson, Ky, the orchid project of the Kanawha Valley Chapter continues, in the Eastern Panhandle trips are planned and is supporting the collection activities of Cheryl Jennings.

Steve Mace reported that 1,420 people are on the WVNPS Face book page.

There will be a meeting and hikes in conjunction with the Webster County Nature Weekend, May 15-16, 2016 at Camp Caesar.

The annual meeting site for fall 2016 was proposed to be the Eastern Panhandle.

Herbarium donations of WVU $150, MU and WVWC $100 each and $100 to the Bryophyte Herbarium at WVU were authorized.

The request from the Potomac Highlands Weed and Pest Cooperative for support was tabled pending further information.

Sending a hard copy of Native Notes to the NY Botanical Garden was approved.

DUES ARE DUE

Yes, it is past the time you should have received a notice with Native Notes, but don’t let that cause you to let your membership lapse. The renewal form can be found on the back of this newsletter. And thanks for your prompt attention to our needs.
WEST VIRGINIA EVENTS

NEAR BY

April 16  Logan WV.  33rd Annual Sue Browning Wildflower hikes, Chief Logan State Park, registration starts at 8 AM  Hikes begin at 9 AM  
http://www.chiefloganstatepark.com/events.html

Charleston Osbra Eye Memorial Walks, Kanawha State Forest, registration starts 8:30 AM  fee $5 adult, $2 under 6  

April 22-24 Multiple locations Wildflower Weekend at the New River Gorge National River  
http://www.nps.gov/neri/planyourvisit/wildflower-weekend.htm

May 5-8 55th West Virginia Wildflower Pilgrimage, Davis  Blackwater Falls State Park, contact WVDNR call Emily Fleming or Wendy Greene, 304-558-2754  
Note you may need to insert the web addresses into your address bar.

PA March 17 Hunt Botanical Institute, Pittsburgh; opening reception for “Great Expectations”  
June 26 annual open House both events free details http://www.huntbotanical.org

OH April 24, May 1 and May 8  1-2:30 PM  
Wildflower walk Wahkenna Nature preserve  
Near Lancaster, OH free  
Wahkeenapreserve.blogspot.com

KY April 29-30 Kentucky Native Plant Society  
Wildflower Weekend natural Bridge State Park,  
http://www.knps.org/events.html  fees

DC May 20 Bats, Bees, Birds, Butterflies and Bouquets  
Smithsonian National Museum of Natural History  
Http://botany.si.edu/sbs  Free registration required

2016 WVNPS MEMBERSHIP RENEWAL OR INITIATION

Name(s)_______________________________________                    CATEGORIES

Address _________________________________________            Life                                 $200

_______________________________________           Regular                              12

________________________________________         Student                                8

Chapter affiliations (please circle)                                    Tri-State Chapter             6

Kanawha Valley                  0

Eastern Panhandle               0

E-Mail_____________________________________

I prefer to receive the Native Notes  by  mail ______ e-mail_______

You must be a member of the statewide WVNPS in order to be a member of a local chapter.

Please make the check payable to West Virginia Native Plant Society;  
Include local chapter dues,  if pertinent. Dues are for one calendar year.  
Send dues to: Judi White  
WVNPS Treasurer  
148 Wellesley Dr.  
Washington WV 26181
# WVNPS Greenbrier County Field Trips

**September 12 and 13, 2015**


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.

? 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

## Greenbrier River Rail Trail, Keister, WV

<table>
<thead>
<tr>
<th>Common name</th>
<th>Scientific appellation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jerusalem Artichoke</td>
<td><em>Helianthus tuberosus</em></td>
</tr>
<tr>
<td>Small White Aster</td>
<td><em>Symphyotrichum racemosum</em></td>
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<tr>
<td>Dillenius’ Tick-Trefoil</td>
<td><em>Desmodium glabellum</em></td>
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<tr>
<td>Purpletop</td>
<td><em>Tridens flavus</em></td>
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<tr>
<td><strong>Hedge Bindweed</strong></td>
<td><em>Calystegia sepium CR</em></td>
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<tr>
<td>Hedge Buckwheat</td>
<td><em>Polygonum scandens</em></td>
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<tr>
<td>Eastern Poison Ivy</td>
<td><em>Toxicodendron radicans ssp. radicans</em></td>
</tr>
<tr>
<td><strong>Woodland Sunflower</strong></td>
<td><em>Helianthus divaricata CR</em></td>
</tr>
<tr>
<td>American Germander</td>
<td><em>Teucrium canadense var. canadense</em></td>
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<tr>
<td>Mockernut Hickory</td>
<td><em>Carya alba</em></td>
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<tr>
<td>Shingle Oak</td>
<td><em>Quercus imbricaria</em></td>
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<tr>
<td>Fringed Bromegrass</td>
<td><em>Bromus ciliatus</em></td>
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<tr>
<td>Dotted St. John’s-Wort</td>
<td><em>Hypericum punctatum</em></td>
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<tr>
<td>Calico Aster</td>
<td><em>Symphyotrichum lateriflorum</em></td>
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<tr>
<td>Lance-Leaved Tickseed</td>
<td><em>Coreopsis lanceolata</em></td>
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<td>Canada Wild Rye</td>
<td><em>Elymus canadensis</em></td>
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<tr>
<td>Royal Fern</td>
<td><em>Osmunda regalis</em></td>
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<tr>
<td>Virgin’s Bower</td>
<td><em>Clematis virginiana</em></td>
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<td>Common Evening-Primrose</td>
<td><em>Oenothera biennis</em></td>
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<tr>
<td>Three-Lobed Coneflower</td>
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<td>Black Sugar Maple</td>
<td><em>Acer nigrum</em></td>
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<tr>
<td>Puttyroot</td>
<td><em>Aplectrum hyemale</em></td>
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<tr>
<td>Cinnamon Vine</td>
<td><em>Dioscorea oppositifolia</em></td>
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<tr>
<td><strong>Sandvine</strong></td>
<td><em>Cynanchum laeve CR</em></td>
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<tr>
<td>Rattlesnake Fern</td>
<td><em>Botrychium virginianum</em></td>
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<tr>
<td>Ebony Spleenwort</td>
<td><em>Asplenium platyneuron</em></td>
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<tr>
<td>Downy Rattlesnake Plantain</td>
<td><em>Goodyera pubescens</em></td>
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<tr>
<td>Greater Water Starwort</td>
<td><em>Callitriche heterophylla</em></td>
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<tr>
<td>Smaller Forget-Me-Not</td>
<td><em>Myosotis laxa</em></td>
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<tr>
<td>Common Beggar-Ticks</td>
<td><em>Bidens vulgata</em></td>
</tr>
<tr>
<td>Marsh Purslane</td>
<td><em>Ludwigia palustris</em></td>
</tr>
</tbody>
</table>
Mountain Watercress
Great Blue Lobelia
Crooked-Stem Aster
Starry Campion
Bladder Campion
Yellow Buckeye
Wrinkled-Leaf Goldenrod
Hog-Peanut
**Post Oak**
Witch-Hazel
Sassafras
White-Haired Panic Grass
Muscle tree
**Grassleaf Ladies' Tresses**
Snakeroad
Winged Sumac
Tall White Lettuce
Common Lousewort
Indian Tobacco
Lopseed
Horse balm
River birch
Red Mulberry
White-Flowered Leafcup
Groundnut
Black Snakeroad
Cutleaf Grapefern
Rattlesnake Fern
Bitternut Hickory
**Tall Bellflower**
Maidenhair Fern
Canada Moonseed
Wood Nettle
**White Wood Aster**
Bloodroot
Fall phlox
Broadleaf Goldenrod
Marginal Shield Fern
Butternut
Mooswood or Striped Maple
Hairy Heuchera
Basswood
Flowering Raspberry
Tall Blue Lettuce
Walking Fern
Mountain Maple
Red Elderberry
Bottle Gentian
**Rock Skullcap**
Southern Bellflower
Cardamine rotundifolia
Lobelia siphilitica
Symphyotrichum prenanthoides
Silene stellata
Silene vulgaris
Aesculus flava
Solidago rugosa var.
Amphicarpae bracteata
**Quercus stellata CR**
Hamamelis virginiana
Sassafras albidum
Dichanthelium villosissimum
Carpinus caroliniana
**Spiranthes vernalis CR**
Aristolochia serpentaria
Rhus copallinum
Prenanthes altissima
Pedicularis canadensis
Lobelia inflata
Phryma leptostachya
Collinsonia canadensis
Betula nigra
Morus rubra
Polymnia canadensis
Desmodium sp
Actaeas racemosa
Botrychium dissectum
Botrychium virginianum
Carya cordiformis
Campanulastrum americanum
Adiantum pedatum
Menispermum canadense
Laportea canadensis
Eurybia divaricata
Sanguinaria canadensis
Phlox paniculata
Solidago flexicaulis
Dryopteris marginalis
Juglans cinerea
**Acer pensylvanicum**
Heuchera villosa
Tilia americana var. americana
Rubus odoratus
Lactuca biennis
Asplenium rhizophyllum
Acer spicatum
Sambucus racemosa
Gentiana andrewsii
Scutellaria saxatilis
Campanula divaricata
Tall Goldenrod
Silverrod
Wreath Goldenrod
Thimbleweed
Mountain Laurel
Fireweed
**Long Beech Fern**
Wide-Leaved Joe-Pye Weed
Wrinkled Leaf Goldenrod
Mountain Magnolia
Bracken Fern
Big Bluestem
Oak Fern
Bulbiferous Bladder Fern
Canada Yew
Ninebark
Whorled Rosin Weed
**Blue Monkshood**
Wild Sensitive Plant
Late Purple Aster
**Wild Lettuce**
Streamside Alder
Tall Coneflower
Common Joe-Pye Weed
Prickly Gooseberry
Staghorn Sumac
Giant Sunflower
**Whorled Loosestrife**
Crooked-Stem Aster
Virginia Strawberry
**Trailing Bushclover**
Dwarf Plantain
Watercress
Sweet-Scented Bedstraw
Alternate-Leaved Dogwood
Goatsbeard
**Hairy Skullcap**
Pale-Leaved Sunflower

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**Whites Draft Shale Barren**

Downy Arrowwood
Blunt Lobed Woodsia
Dwarf Chinquapin Oak
Slender Knotweed
Silverrod
Whitehaired Leatherflower
Pasture Rose
Bird-Foot Violet

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**Tall Goldenrod**
Solidago altissima *

**Silverrod**
Solidago bicolor

**Wreath Goldenrod**
Solidago caesia *

**Thimbleweed**
Anemone virginiana *

**Mountain Laurel**
Kalmia latifolia *

**Fireweed**
Chamerion angustifolium

**Solidago altissima** *
**Silverrod**
Solidago bicolor

**Thimbleweed**
Anemone virginiana *

**Wreath Goldenrod**
Solidago caesia *

**Mountain Laurel**
Kalmia latifolia *

**Fireweed**
Chamerion angustifolium

**Solidago altissima** *
**Solidago bicolor**

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**Bracken Fern**
Pteridium aquilinum var. latiusculum *

**Big Bluestem**
Andropogon gerardii *

**Oak Fern**
magnolia fraseri

**Bulbiferous Bladder Fern**
Gymnocarpium dryopteris

**Canada Yew**
Taxus canadensis

**Whorled Rosin Weed**
Physocarpus opulifolius *

**Wild Sensitive Plant**
Silphium trifoliatum

**Late Purple Aster**
Aconitum uncinatum CR

**Wild Lettuce**
Chamaecrista nictitans

**Streamside Alder**
Symphyotrichum phlogifolium

**Common Joe-Pye Weed**
Lactuca canadensis CR

**Prickly Gooseberry**
Alsine serrulata

**Staghorn Sumac**
Rudbeckia laciniata

**Giant Sunflower**
Eupatorium fistulosum

**Whorled Loosestrife**
Ribes cynosbati

**Crooked-Stem Aster**
Rhus typhina *

**Virginia Strawberry**
Helianthus giganteus

**Trailing Bushclover**
Lysimachia lanceolata CR

**Dwarf Plantain**
Symphyotrichum phlogifolium

**Watercress**
Lactuca canadensis CR

**Sweet-Scented Bedstraw**
Alnus serrulata

**Alternate-Leaved Dogwood**
Rudbeckia laciniata

**Goatsbeard**
Eupatorium fistulosum

**Hairy Skullcap**
Symphyotrichum phlogifolium

**Whorled Loosestrife**
Lysimachia lanceolata CR

**Trailing Bushclover**
Symphyotrichum phlogifolium

**Dwarf Plantain**
Eupatorium fistulosum

**Watercress**
Symphyotrichum phlogifolium

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**Blunt Lobed Woodsia**
Quercus prinoides n.b. not a county record but the only county listed for WV, not tracked

**Dwarf Chinquapin Oak**
Polygonum tenue

**Slender Knotweed**
Solidago bicolor

**Silverrod**
Clematis albioca

**Whitehaired Leatherflower**
Rosa carolina *

**Pasture Rose**
Viola pedata
Yellow Buckwheat
New Jersey Tea
Scrub Oak
Heart-Leaved Skullcap
Riverbank Grape

Eriogonum allenii
Ceanothus americanus
Quercus ilicifolia
Scutellaria ovata ssp. rugosa
Vitis riparia

Sherwood Lake Area Road Cut

Sundew
Mountain Fetterbush
Rosinweed
Nodding Ladies' Tresses
Downy Yellow Foxglove
Summer Grape
Bigtooth Aspen
Hirsute Sunflower
Glaucous Willow
Flat-Top White Aster
Wavy-Leaf Aster
Fly Poison

Drosera rotundifolia *
Pieris floribunda
Silphium compositum *
Spiranthes cernua
Aureolaria virginica *
Vitis aestivalis *
Populus grandidentata *
Helianthus hirsutus CR
Salix discolor
Doellingeria umbellata
Symphyotrichum undulatum
Amianthum muscitoxicum

Dawson Meadow River WMA, Grassy Meadows Rd. WV

Swamp Lousewort
Groundnut
Pin Oak
Brookside Alder
Tall Agrimony
New York Ironweed
Closed Gentian
Water Smartweed
Woolgrass
Yellow Sneezeweed
Kinnikinnik
Purple-Leaved Willow-Herb
Common Monkey-Flower
Blue Vervain
Pipestem or Meadowsweet
Nodding Ladies' Tresses
Arrowleaf Tearthumb
Shrubby St. John's-Wort
Buttonbush
Peppermint
Foxtail Sedge
Common Rush
Turtlehead
Purple-Stem Aster
Great Blue Lobelia
Moneywort

Pedicularis lanceolata
Apios americana
Quercus palustris
Alnus serrulata
Agrimonia gryposepala *
Veronica noveboracensis
Gentiana clausa
Polygonum amphibium
Scirpus cyperinus
Helenium autumnale
Cornus amomum
Epilobium coloratum
Mimulus ringens *
Verbena hastata
Spiraea alba
Spiranthes cernua
Polygonum sagittatum
Hypericum prolificum *
Cephalanthus occidentalis
Mentha x piperita *
Carex vulpinoidea *
Juncus effusus var. solutus *
Chelone glabra
Symphyotrichum puniceum
Lobelia siphilitica *
Lysimachia nummularia CR
Rice Cutgrass
Sallow Sedge
Panicled Aster
Pin Oak

Leersia oryzoides
Carex lurida
Symphyotrichum lanceolatum
Quercus palustris

Meadow River WMA, Lawn Rd. Dawson, WV

False Pennyroyal
White Bedstraw
Gay Feathers
Panicled Dogwood
Swamp White Oak
Greater Bladder Sedge
Bushy Beardgrass
Smooth Paspalum
Little Bluestem
Black Haw
Hazelnut
Glade St. John’s-Wort
Heal-All
Devil’s Bit
Whorled Loosestrife
Mad-Dog Skullcap
Beaked Rush
Maleberry
Giant Sunflower
Hairy Bedstraw
Bluntlobe Grapefern
Flat-Top White Aster
Calico Aster
Smooth Arrowwood
White Pine
Downy Rattlesnake Plantain
Cancerroot
Winterberry
Cinnamon Fern
Partridge Berry
Wild Raisin
Pinxter Flower
Green Ash
Black Ash
Cowbane
Swamp Milkweed
Indian Cucumber Root
Coltsfoot
Small Green Wood Orchid

Isanthus braciatus
Galium mollugo
Liatris spicata
Cornus racemosa
Quercus bicolor
Carex intumescent
Andropogon glomeratus
Paspalum laeve
Schizachyrium scoparium
Viburnum prunifolium
Corylus americana
Hypericum densiflorum
Prunella vulgaria
Chamaelirium luteum
Lysimachia quadrifolia
Scutellaria lateriflora
Rhynchospora capitellata
Lyonia ligustrina
Helianthus giganteus
Galium pilosum
Botrychium oneidense
Doellingeria umbellata
Symphyotrichum lateriflorum
Viburnum recognitum
Pinus strobus
Goodyera pubescens
Conopholis americana
Illex verticillata
Osmunda cinnamomea
Mitchella repens
Viburnum nudum var. cassinoides

Rhododendron periclymenoides CR
Fraxinus pennsylvanica
Fraxinus nigra
Oxypolis rigidior
Asclepias incarnata
Medeola virginiana
Hexastylis virginica
Platanthera clavellata
Centarea nigra CR
Eupatorium perfoliatum
Lycopus uniflorus
Toxicodendron radicans ssp. negundo CR
Andropogon virginicus CR