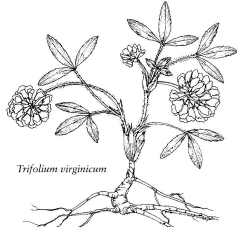


NATIVE NOTES



Trifolium virginicum

Kate's Mountain Clover

WEST VIRGINIA NATIVE PLANT SOCIETY NEWSLETTER
VOLUME 27:1 WINTER/SPRING 2019

Contents	
	Page
WVNPS trips April & June Mason, Putnam Counties	1-3
Field trip report 2018 McDowell, Mingo Counties	4
Field trip Report 2018	5-6
Chapter Field Trips	7
WVNPS News	8
Events Near By, Membership	9
Off The Shelf	10

Judy Dumke-Editor: E-mail-dumke@live.marshall.edu Phone 740-894-6859

❖ ❖ ❖ visit us at www.wvnps.org ❖ ❖ ❖

April 13, 2019 West Virginia Wesleyan College Buckhannon Nature Park and Learning Trail Lecture and Tour 1:00 P.M.

In 2010 our member, Dr. Kathy Gregg, was approached to help develop a nature park/learning trail that was envisioned in a successful grant written by the city to the WV Division of Highways in 2009. This cooperative venture between Buckhannon and WV Wesleyan College, has transformed an unsightly, hazardous property into an educational park that includes an extension to the city's River Walk, disabled trails, and educational signage about numerous native and exotic species.

A 2017 story in the Record Delta at the site below gives additional information:
<https://therecorddelta.com/article/wesleyan-professor-continues-to-nurture-nature-walk>

The lecture about the park's design, native, and invasive species, will begin at 1:00 P.M. in 217 Christopher Hall of Science. After the talk the group will visit the park along the Buckhannon River, within walking distance on the northern edge of campus. During the walk there will be discussions of future activities, management, and development of the park with suggestions encouraged. The group can also explore how the lessons learned in Buckhannon can be exported to other areas of West Virginia, with help from WVNPS members. If there is sufficient time after the tour, anyone interested may visit Kathy Gregg's garden and greenhouse which are just a few blocks away.

Prior to the lecture there will be an open board meeting (all welcome) at 11:00 A.M. in room 217 Christopher Hall of Science. Dr. Gregg has made arrangements for us to dine at the campus lunch buffet (\$8.20 per person), which will give everyone time to eat and get to the lecture on time.



Kathy at the Dedication of the Trail

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 intersection, turn left onto College Avenue. Take College Avenue for 2-3 blocks until you reach the College property where you will see a main entrance sign across from the intersection with Meade Street. Continue past the Welcome Center on the left and enter the parking area between the Welcome Center and the Performing Arts Center, the next building on the left. Park in this lot and then cross College Avenue and walk up the main walkway toward the Administration Building ahead. Veer left around the Administration Building at the huge white oak and continue on the walkway that leads past the Annex Building on the left and straight downhill past the Chapel on the right. The first building on the left will be the Reemsnyder wing, which is attached to Christopher Hall of Science by a 2nd and 3rd story bridge. Enter Christopher Hall and take either the elevator (in the hall past two sets of entrance doors) or the stairs to the second floor.

You can also try parking behind Christopher Hall but parking there is often very limited, even on weekends. If you try this, continue driving on College Avenue beyond the Performing Arts Center and take the entrance to the dormitory parking lot on the right just before the railroad tracks. Continue to the end of the parking area, which terminates at the loading dock behind Christopher Hall.

A parking map may be found at <https://map.concept3d.com/?id=1042#!ct/22370,19504> This is a campus map, click on the parking box on the left to have icons for parking appear.

Kathy Gregg's office is 219, with phone 304-473-8124 (with answering machine) if anyone has questions on the day of the meeting. If you have questions prior to the meeting or early on the meeting day, call her home phone 304-472-4055 (with answering machine), or email Kathy at gregg@wwvc.edu. ☘

WVNPS Summer 2019 Monroe County Trip

The WVNPS will have several field trips in Eastern Monroe County on June 28-30, 2019. Over the two-day weekend, we plan to tour the Waiteville valley area; revisit a very interesting plant community near Zenith, WV; and go back to the Slaty Mountain shale barren near Sweet Springs, WV. Plants we hope to see include: Bentley's Coralroot, Michaux's Saxifrage, Whorled Pogonia, Box Huckleberry, Roughish Arrowwood, and Whitehaired Leatherflower. Thanks to the generosity of David Ferrell, we will be staying at his farm near Waiteville, WV. The nearest hotels are mostly in the Lewisburg and White Sulphur Springs area.

Directions in David's words:

"I-64 East to White Sulphur Springs (WWS), then exit right past WSS to Crows, VA on Rte. 311. Follow 311 to Crows, turn right toward Sweet Springs, WV. At Sweet Springs, turn left to continue on 311 toward Paint Bank, VA. At the General Store and Gas Station turn right onto Waiteville Road. Go exactly 10 miles and I am on the right. I have a couple of rock signs there with the address and "Liberty Hill Farm." I have a gate there which remains closed. Next to the gate is a small, red, one-room school house and a black barn. There is no cell phone coverage in that area fyi."

Doug Wood's additional notes: If the gate is not locked, then we can drive up the long driveway to the house. David also suggested that you may try your GPS to locate the house by plugging in the address: 6267 Waiteville Road, Waiteville, West Virginia. The house sleeps 10, so some of us may need to tent in the yard (plenty of space) or bedroll on the large porch overlooking Potts Creek Valley. There is a full kitchen and two bathrooms with showers.

Additional details will be provided later but please note the dates on your calendars.

For further information contact Kevin Campbell, field trip chair at hazwaste99@hotmail.com. Please use this e-mail address as previous ones are not active due to his retirement. ☘

Brief bio for Dr. Kathy Gregg

Dr. Gregg is Professor Emerita of Biology after having taught at West Virginia Wesleyan College for 37 years. She still serves as Curator of the George B. Rossbach Herbarium. She earned her B.A. degree from Emory University and a Ph. D. in Biology from the University of Miami, Coral Gables, FL. Her course specialties 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 over 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 orchid populations on the Monongahela National Forest, at Canaan Valley State Park, in The Nature Conservancy's Green Swamp Preserve, North Carolina, and at Morningside Nature Center, Gainesville, Florida. She continues to explore reproductive and population biology of orchids, and is currently preparing an article on three native orchid species whose biology has been little studied. 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 Wesleyan's George B. Rossbach Herbarium.



Invasive privets have no chance when Kathy is around

WVNPS Putman and Mason Counties Field Trips

The WVNPS had field trips to Winfield wetlands and Eleanor City Park in Putman County on June 30, 2018. We had a pretty good turnout, but participants were dropping like flies in the sweltering heat as the day went on. We went to McClintic WMA in Mason County on July 1, another hot day-but we finished up early in the afternoon. We saw a wide array of plants over the weekend ranging from the minute Valdivia Duckweed (2 mm across) to the state's largest Bur Oak (many feet across). Steve Mace pointed out several interesting plants in McClintic including Poison Sumac, Green Milkweed, and Chain Fern.

Reported by Kevin Campbell with Judi White

Some of the plants observed in Putnam County:

Winfield wetlands

Kinnikinnik	Cornus amomum OR
Valdivia Duckweed	Lemna valdiviana CR
Swamp Rose	Rosa palustris OR
Green Ash	Fraxinus pennsylvanica OR
Wild Plum	Prunus americana CR
Buttonbush	Cephalanthus occidentalis

Eleanor City Park

Goldenseal	Hydrastis canadensis
Lopseed	Phryma leptostachya OR
Intermediate Enchanters Nightshade	Circaea lutetiana CR ?
Panic Grass	Dichanthelium boscii CR
Veined Skullcap	Scutellaria nervosa CR
Hirsute Sedge	Carex hirsutella OR
Soft Fox Sedge	Carex conjuncta CR
Blue Ash	Fraxinus quadrangulata CR T
Yellow Oak	Quercus muehlenbergii CR

Plants observed in the McClintic WMA area in Mason County:

Humped Bladderwort	Utricularia gibba T	Climbing Fern	Lygodium palmatum CR T F
Waterlily	Nymphaea odorata CR E I	Spinulose Shield Fern	Dryopteris carthusiana
American Lotus	Nelumbo lutea CR	Chain Fern	Woodwardia areolata CR T
European Water-Milfoil	Myriophyllum spicatum E I	Gray's Sedge	Carex grayii OR
Creeping Primrose-Willow	Ludwigia peploides	Greater Bladder Sedge	Carex intumescens CR
American Hazelnut	Corylus americana	Japanese Chaff-flower	Achyranthes japonica CR E I
Marsh Purslane	Ludwigia palustris OR	Upright Cinquefoil	Potentilla recta CR E I
Duck-Potato	Sagittaria latifolia	Soapwort	Saponaria officinalis OR E I
Lizard's Tail	Saururus cernuus	Dense Peppergrass	Lepidium densiflorum I
Sandvine (Dog's-collar)	Cynanchum leave	Bracted Plantain	other parts of NA native
American Germander	Teucrium canadense OR ?	Eastern Gamma Grass	Plantago aristata OR
Swamp loosestrife	Decodon verticillatus CR T	Bur Oak (at Old Oak Campground)	Tripsacum dactyloides CR
Shingle Oak	Quercus imbricaria		Quercus macrocarpa CR ☼
Poison Sumac	Toxicodendron vernix CR T		
Common St. Johnswort	Hypericum perforatum CR E I		
Black Willow	Salix nigra		
Field Basil	Clinopodium vulgare OR		
Squarrose Sedge	Carex squarrosa CR		
Wood Tickseed	Coreopsis major OR		
Swamp White Oak	Quercus bicolor CR		
Bitternut Hickory	Carya cordiformis OR		
Northeastern Lady Fern	Athyrium filix-femina var. angustum CR		
Rattlesnake Fern	Botrychium virginianum CR		
Nodding sedge	Carex gynandra		
Water Meal	Wolffia brasiliensis ?		
Least Duckweed	Lemna minor		
Brookside Alder	Alnus serrulata		
Hardhack	Spiraea tomentosa		
Rose Polygala	Polygala sanguinea		
Green Milkweed	Asclepias hirtella OR T ?		
Lanceleaved Violet	Viola lanceolata CR		
Post Oak	Quercus stellata CR		
Southern Red Oak	Quercus falcata		
Tall Agrimony	Agrimonia gryposepala CR		
Elephant's-foot	Elephantopus carolinianus		
Japanese Hop	Humulus japonicus E I		
Skunk Cabbage	Symplocarpus foetidus CR		
Crested shield Fern	Dryopteris cristata		
Winged Sumac	Rhus copallinum CR ?		
Cinnamon Fern	Osmunda cinnamomea CR		



State Champion Bur Oak

CR = county record OR = older record (over 20 years)
 T = list of rare plants ? Needs taxonomic study
 E = exotic I = Invasive F = Needs field work

Please note base line for CR/OR records is 2006, see following pages. ☼

WVNPS McDowell and Mingo Cos. Trip September 7-9, 2018

The WVNPS had a very wet two days of field trips in McDowell and Mingo counties last September. We ate and slept at the Panther Wildlife Management Area nice group camp, however our walks were in other areas of the county. Our car caravanning took us off-road and along rail-road tracks at times, but we got to see some interesting habitats. Our annual board meeting was held in the group dining hall at Panther WMA.

Reported by Kevin Campbell with Judi White

Panther WMA 9/7/2018

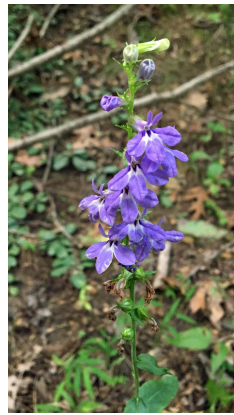
Downy Lobelia	Lobelia puberula	Heartleaf Willow	Salix eriocephala CR
Panicled Hawkweed	Hieracium paniculatum	Woolgrass	Scirpus cyperinus CR
Beefsteak Plant	Perilla frutescens E I	Horseweed	Conyza canadensis OR
Elephant's-Foot	Elephantopus carolinianus OR	Tall Coneflower	Rudbeckia laciniata OR
Indian Tobacco	Lobelia inflata OR	Eyebane	Chamaesyce nutans OR
Autumn Bent	Agrostis perennans CR	Spreading Witch Grass	Panicum dichotomiflorum CR
Tall White Lettuce	Prenanthes altissima	Hirsute Sunflower	Helianthus hirsutus CR
Perplexed Tick-Trefoil	Desmodium perplexum CR	Pale-Leaved Sunflower	Helianthus strumosus CR
Bonese t	Eupatorium perfoliatum OR	Japan Bushclover	Kummerowia striata I CR
Old Witch Grass	Panicum capillare OR	Yellow Sneezeweed	Helenium autumnale CR
Black Willow	Salix nigra CR	Common Monkey-Flower	Mimulus ringens OR
Florida Blue Lettuce	Lactuca floridana		

Longpole, McDowell Co. 9/8/2018

Black Alder	Alnus glutinosa CR	Bead-	Black Walnut	Juglans nigra OR
Bead-Grass	Paspalum setaceum OR		Hazelnut	Corylus americana OR
Great Blue Lobelia	Lobelia siphilitica OR		Bitternut Hickory	Carya cordiformis CR
Wild Yam	Dioscorea villosa OR		Sweet Goldenrod	Solidago odora CR
Wild Hydrangea	Hydrangea arborescens OR		False Goldenrod	Solidago sphacelata CR
Wild Sensitive Plant	Chamaecrista nictitans OR		Silverrod	Solidago bicolor
Black Gum	Nyssa sylvatica OR		Tall Goldenrod	Solidago altissima CR
Woodland Sunflower(long past bloom)	Helianthus divaricatus OR		Spotted Touch-Me-Not	Impatiens capensis OR
Christmas Fern	Polystichum acrostichoides OR		Pale Touch-Me-Not	Impatiens pallida OR
Toothed White-Topped Aster	Sericarpus asteroides		Nuttall's Tick-Trefoil	Desmodium nuttallii CR
Wild Blue Lettuce	Lactuca florida		Smooth Tick-Trefoil	Desmodium laevigatum CR
False Nettle	Boehmeria cylindrica OR		Eastern Poison Ivy	Toxicodendron radicans ssp. radicans CR
Tall Ironweed	Vernonia gigantea		White Ash	Fraxinus americana OR
Thimbleweed	Anemone virginiana		Dittany	Cunila organoides OR
Devil's Beggar-Ticks	Bidens frondosa CR		Early Goldenrod	Solidago juncea CR
Black Snakeroot	Sanicula canadensis CR		Panic Grass	Dicanthelium boscii CR
Umbrella Magnolia	Magnolia tripetula		Panicled-Leaf Tick-Trefoil	Desmodium paniculatum
Cucumber Magnolia	Magnolia acuminata		Creeping Bushclover	Lespedeza repens OR
Mountain Magnolia	Magnolia fraseri		Wreath Goldenrod	Solidago caesia CR
Crooked Stem Aster	Symphotrichum prenanthoides OR		Lopseed	Phryma leptostachya OR
American Spikenard	Aralia racemosa CR		Hay-Scented Fern	Dennstaedtia punctilobula OR
Silvery Athyrium	Deparia acrostichoides OR		Wirestem Muhly	Muhlenbergia frondosa CR
Bearded Shorthusk	Brachyelytrum erectum CR		Climbing False Buckwheat	Polygonum scandens var. scandens OR



Toothed Spurge



Downy Lobelia



Trailing Wild Bean

North Spring area, Wyoming Co. 9/8/2018

Panicled Hawkweed
Slender Goldenrod

Hieracium paniculatum OR
Solidago erecta

Ox-Eye
White Lettuce

Heliopsis helianthoides var. *helianthoides* OR Tall
Prenanthes altissima OR

War Eagle area, Mingo Co. 9/8/2018

Gronovius' Dodder
Japanese Hop
Spanish Needles
Winged Euonymous
Yellow Oak
White-Flowered Leafcup
Prickly Sida
Pale-Leaved Sunflower
Green Ash
Wild Oats
Yerba De Tajo
Smooth Azalea
Small-Flowered Morning-Glory
Wirestem Muhly
Smooth-Body Cocklebur

Marsh Purslane
Leatherwood
Scouring Rush
Rice Cutgrass

Cuscuta gronovii CR
Humulus japonicus CR I E
Bidens bipinnata CR
Euonymous alata CR
Quercus muehlenbergii CR
Polymnia canadensis CR
Sida spinosa OR
Helianthus strumosus CR
Fraxinus pennsylvanica CR
Chasmanthium latifolium
Eclipta prostrata CR
Rhododendron arborescens CR
Ipomoea lacunosa CR
Muhlenbergii frondosa CR
Xanthium strumarium var.
 glabratum OR
Ludwigia palustris CR
Dirca palustris CR
Equisetum hyemale CR
Leersia oryzoides CR

Big Bluestem
False Pimpernel
Creeping Lovegrass
Heartleaf Willow
Fog-Fruit
Yellow Flat Sedge
Slender Fimbry
Primrose-Willow
Old Witch Grass
Wartremoving Herb
Mimosa
Brookside Alder
Squarrose Sedge
Fall Phlox
Winged Sumac
Indian Grass
Willow Lettuce
Tall Thoroughwort
Swamp Rose Mallow

Andropogon gerardii CR
Lindernia dubia var. *dubia* CR
Eragrostis hypnoides CR
Salix eriocephala CR
Phyla lanceolata
Cyperus flavescens CR
Fimbristylis autumnalis CR
Ludwigia decurrens CR
Panicum capillare CR
Murdannia keisak CR E I
Albizia julibrissin E I
Alnus serrulata CR
Carex squarrosa CR
Phlox paniculata CR
Rhus copallina OR
Sorghastrum nutans OR
Lactuca saligna CR
Eupatorium altissimum CR
Hibiscus moscheutos CR

McDowell Co. 9/9/2018

Red Morning Glory
Pennsylvania Smartweed

Ipomoea coccinea CR I
Polygonum pensylvanicum OR

Hog-Peanut

Amphicarpaea bracteata OR

Near Logan in Logan Co. a few notable specimens:

Chain Fern
Meadow Beauty
Nodding Ladies Tresses
Hoary Mountain-Mint

Woodwardia areolata CR T
Rhexia virginica CR
Spiranthes cernua CR
Pycnanthemum incanum CR

Broomsedge
Fetid-Marigold
Showy Goldenrod

Andropogon virginicus CR
Dyssodia papposa CR A
Solidago speciosa CR

The status information is from Harmon, P. J., D. Ford-Werntz, and W. Grafton, 2006.

Checklist and Atlas of the Vascular Flora of West Virginia. West Virginia Division of Natural Resources, Wildlife Resources Section. Elkins WV. 381p. ☼

Eastern Panhandle Chapter
April 6, 2019
National Conservation Training Center US Fish and Wildlife Service
698 Conservation Way, Shepherdstown, West Virginia

Rodney Dever will lead a trip starting at 10AM, to observe the emerging spring wildflowers among the woodlands and meadows of the 533 acre National Conservation Training Center property. This is an opportunity to see what is often an "off limits" facility.

In order to participate the following must be observed:

1. trip Preregistration is essential, even if not sure you are coming, because only those on the list will be admitted onto the property. Preregistration can be done simply by contacting Rodney at rodneydever@comcast.net
2. Adult participants must bring official identification with a picture, such as a driver's license or passport. Children are welcome with adult accompaniment and will not be expected to have identification, but they must be registered.

It is not a challenging walk but sturdy footwear is recommended for comfort and safety. There is no charge to participate and if you are interested please do not neglect to register and do it as soon as possible. This qualifies for Master Naturalist Recent hours credit.

Logistics and Directions

From Martinsburg, WV and points west...

From I-81, take exit 16 (Rt 9 East - Edwin Miller Blvd.)

Travel 1.7 miles E on Rt 9 - left at light onto Rt 45 E

Travel 8.3 miles E on Rt 45 - to Shepherdstown. Proceed through ALT 480 light.

Left at 4-way stop in Shepherdstown

Travel 0.2 miles N on Rt 480 - Take the third left onto Shepherd Grade Road (SGR)

Travel 3.3 miles on SGR - turn right into NCTC gate.

Proceed through the gate and follow signs to registration in the entry/auditorium building. If gate is closed, push call button for assistance.

GPS directions links: NCTC - 698 Conservation Way, Shepherdstown, WV 25443

If your GPS or mapping web site has a difficult time locating NCTC using our mailing address try this address to locate the entrance to NCTC: 100 Col Shepherd Rd, Shepherdstown, WV 25443, USA

Parking will be in the Blue Lot. (First right past the guard house at the entrance).
Participants will meet at 10:00 a.m. in the lobby of the Entry-Auditorium

Lunch is available, after the walk, in the Dining Hall Commons with a wide range of choices and prices comparable to the local restaurants. ☼

Tri- State Chapter April 27, 2019 Wayne County, WV

A trip to the East Lynn Wildlife Management Area in Wayne County WV is planned for April 27, 2019 to start at the dam area at 10 A.M.. As this may involve creek walking suitable foot ware is encouraged. For additional details contact Romie Hughart rch5006@gmail.com or 304-523-1049.☼

News of the West Virginia Native Plant Society

Highlights of the September 8, 2018 Annual Meeting

- ! The 2018 annual meeting was held at the group lodge at Panther Wildlife Management Area, McDowell County WV. Thirteen members, of which six were board members, attended.
- ! Membership is currently about 90, with the addition of three new life members so far in 2018. The facebook page has just under 4,000 members.
- ! The fiscal condition remains stable. Donations for herbarium support included \$250 to WVU, \$150 to MU and WVW. An inquiry will be made as to the status of the Shepherd College herbarium.
- ! Possible locations for the 2019 meeting season were discussed. Dr. Gregg has offered a spring session at West Virginia Wesleyan. The northern panhandle was discussed as a possible trip.
- ! Officers for the 2019 year were elected, see side bar for results. ☼

New Members

John Bocan	Morgantown WV.
Angela Cavender	Elkview WV
Kristen Johnson	Baltimore MD
Nancy Konchesky	Morgantown WV
John McFerrin	Morgantown WV
Laura Miller	Cross Lanes WV
Tom Prall	Buckhannon WV

New Life Members

Andrea Dalton	Davis WV
Judith Dumke	Chesapeake OH
Suzanne Johnson	Catonsville MD
Greg Short	Fairmont WV

DUES ARE DUE

If you have not yet paid your 2019 dues there is a renewal form on the back of the newsletter. In response to several questions it is possible to make multiple years payments. ☼

West Virginia Native Plant Society

Officers

President -Peter Rykert
eagle2641@yahoo.com

Vice President -Mark Bossert
mark@roanegrown.com
(304)-532-7533

Past President- Steve Mace
sdmace@frontiernet.net
(304)-674-5523

Corresponding Secretary-
Sarah Friend
friend.sarah.a@gmail.com

Recording Secretary-Vacant

Treasurer - Judi White
Judiwhite@suddenlink.net
(304)-863-8352

Directors

Donna Ford-Werntz (1 year term)
dford2@wvu.edu
(304)-293-0794

Chris Gatens (2 year term)
(304)-458-2533
cmgatens@frontier.com

Judy Benedetti (3 year term)
jon.benedetti@gmail.com

Chapter Officers

Eastern Panhandle-Rodney Dever
rodneydever@comcast.net
(304)-676-7438)

Kanawha Valley -Steve Mace
See above

Tri-State -Romie Hughart
rch 5006@yahoo.com
(304)-523-1049

Editor

Judith Dumke
dumke@live.marshall.edu
(740)-894-6859

Events of Interest

March 29th Columbus Ohio
Ohio Botanical Symposium

location; Willa Milano 1630 Schrock Road
Fee \$45 including breaks and luncheon

Topics: Reed Noss Forgotten Grasslands of the Unglaciated east; Origin and Maintenance
Valerie Pence Alternative Conservation Biotechnologies
Dave Nolin Discovery and Recovery Huffman Prairie
Wesley Knapp **Don't rush pass the Juncaceae**
Brad Slaughter Bog and Fens of Ohio
Marci Lininger Ohio Pollinator habitat initiative
for information <http://naturepreserves.ohiodnr.gov/obs>

April 12-13 Slade Kentucky
Wildflower Weekend 2019

Location Natural Bridge State Park, Slade Ky
Fee \$10 adult, \$3 ages 12-17, under 12 free
Friday and Saturday field trips in Red River Gorge
<https://www.knps.org/2019/01/22/wildflower-weekend-2019/>

May 11th 2019
Mountain Maryland Native Plant Festival

Location: New Germany State Park, Garrett County MD

Plant sales, native plants and diversity events and programs, consult with experts.
<https://mdflora.org/event-2144209> For full program
video past event <https://youtube/eFkj4lahKcw>

May 17th 2019
2019 Smithsonian Botanical Symposium
Beneath their Notice: Domestication of Useful Plants
Location National Museum of Natural History Washington D C
Tickets Required (2 types) both are free upon request
9 AM registration sessions end 5:30 reception 6:30
<https://www.eventbrite.com/e/what-darwin-couldnt-know-mode-rn-perspectives-on-crop-plant-origins-smithsonian-botanical-symposium-registration-55932874734>

2019 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

Off the Shelf

Oleaginous Suffrutescent Calyculus

If you have ever encountered terms such as these when trying to key out a plant it can be frustrating, particularly if it is not defined in any thing you are carrying with you in the field. If you are in an area where there is internet service and you are so equipped there is an answer. The Flora North America Project put out a *Categorical Glossary of Terms* to be used in the series. The guideline is out of print; however, it is available on line.

<http://www.huntbotanical.org/databases/show.php?4>

will take you to a page describing the publication and in the upper right corner you will find a bar labeled search data base, click on that and enter the mystery word for a definition. It may cross reference another word and you can follow up there. There are no graphics, only words, but using this resource may save you from a long guessing game and many doubts.

Now for those words

Oleaginous =greasy, oleaginous, unctuous 1 (coating) Of a grease-or oil-like film 2 (texture) Liquid or deformably solid, cohesive and slippery to the touch.

Suffrutescent (habit) (plant) subshrubby, becoming subshrubby. See also arboreous, arborescent, bushy, frutescent, fruticose, shrubby, suffruticose, woody-clumping.

Calyculus plural calyculi (structure)=epicalyx. A whorl of bracts immediately subtending (beneath or outside) a calyx: literally a little calyx. ❁

If you prefer line drawn illustrations, you might want to consider this reference:

Plant Identification Terminology, An Illustrated Glossary(1st edition) by James G. Harris and Melinda Woolf Harris, Spring Lake Publishing, 1994. 190 pages.

The second edition was released in 2001 and is available on Amazon and at other sources.

In addition I found the following resource which seems to be free:

<https://ayannaknowltonreec.files.wordpress.com/2017/05/plant-identification-terminology-an-illustrated-glossary-by-james-g-harris-melinda-woolf-harris.pdf> (note I did not check it)

In addition to an alphabetical listing there are also sections devoted to words about roots, stems, leaves, surfaces, inflorescences, flowers and fruits. Over all, the editor finds this a very handy reference to have at hand, besides it is light weight and relatively cheap. ❁