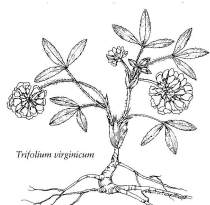


NATIVE NOTES



Kate's Mountain Clover

WEST VIRGINIA NATIVE PLANT SOCIETY NEWSLETTER VOLUME 27:2 Summer 2019

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Contents

Monroe County Trip	1
Buckhannon in April	2-3
East Lynn Trip Wayne	4
Off the Shelf	5
Fall Trip Hancock Co	6
News of WVNPS	7
Events & Membership	8
Identification tip	9

❖ ❖ ❖ visit us at www.wvnps.org ❖ ❖ ❖

Monroe County Trip June 28-30, 2019

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 return 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 White-haired Leather flower. Thanks to the generosity of David Ferrell, we will be staying at his farm near Waiteville, WV. We will depart from the farm house at 9:00 A.M. Saturday for our first field trip and 9:00 A.M. Sunday for our last field trip. The nearest hotels are mostly in Lewisburg and White Sulphur Springs areas.

Directions to David's Place in his own words

"Take I-64 East to White Sulphur Springs (WAS), then exit right past WAS 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 you will see a small, red, one-room school house and a black barn. There is no cell phone coverage in that area FYI."

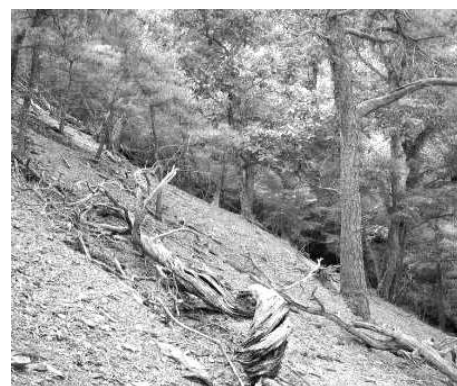
Doug Wood's additional notes: If the gate is not locked, then we can drive up the long driveway to the house. David also suggested that you may try your GPS to locate the house by plugging in the address: 6267 Waiteville Road, Waiteville, West Virginia. The house sleeps 10, so some of us may need to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

For those seeking other options these links may help.

<https://www.travelmonroe.com/>

https://www.airbnb.com/s/Monroe-County--WV/all?refinement_paths%5B%5D=%2Ffor_you&place_id=C4IJMxFOp4HLYgRxhVbtB4IGjk

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



Shale Barren WV DNR

A Visit to Buckhannon's Nature Park /Learning Trail

with Kathy Gregg

When the members of the West Virginia Native plant Society visited Buckhannon's West Virginia Wesleyan College April 13, 2019 they were treated to a lecture about the Buckhannon Nature Park/Learning Center followed by a tour of the trail. It was an inspiration to see what can be accomplished when a community becomes involved in a project. The city of Buckhannon submitted the original grant to the WV Dept. of Transportation, to fund an extension of its River Trail and add disabled trails and educational signage for plants in an area formerly a "jungly" mixture of untended native and exotic plants. The Park is a cooperative venture between WVWC and the city, as both entities own parts of the property. The Park Curator, Dr. Kathy Gregg, currently maintains the area with excellent assistance from many volunteers: college students, Americorps, community members, and college and city crews.



Entrance Sign and Members

What were a few of the lessons learned?

- A. *It is easier to get started than to continue*, the need for volunteers to remove exotics, look for new introductions, plant stress, improper use of the facility, and to make and to monitor signs, is continuous. Volunteers graduate, move away, lose interest, have life stages changes, all of which gives a changing pool of folks to keep things going. It takes time to recruit the needed replacements. It helps to have a projection as to what the project will look like in five years and what resources will be needed by then.
- B. *If you build it, they will come*. We saw a diverse group of the public using the trail with apparent enthusiasm and the wear on the trail indicated that was not unusual.
- C. *Keep records*. Develop a map for locating important plantings and planning for further development. One of the problems has been not having an accurate, scaled map of the Park, which would be helpful in keeping track of the native shrubs, trees, and vines planted in 2011 and 2012. Some of them "got lost" and overgrown as vegetation grows rampantly each summer.
- D. *Be friends with all of the community*. This project has involved many components; from WVWC, the city, both elected officials and staff, volunteer groups, the media and grant writers among many others. Kathy in particular was a major leader in providing guidance, labor and inspiration.

Thank you Kathy. ❀



On the Trail



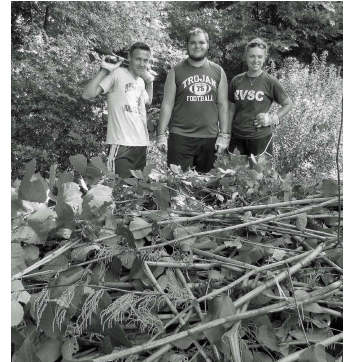
Erythronium americanum
Yellow Trout Lily

Buckhannon's Nature Park/Learning Trail

The West Virginia Native Plant Society Members, local garden club members, students and community residents enjoyed a guided walk on the trail led by Kathy Gregg on April 13, 2019

The somewhat late spring rewarded them with Yellow Trout Lily (*Erythronium americanum*), cut leaf toothwort (*Cardamine concatenate*), Fringe tree, (*Chionanthus virginicus*), Spicebush (*Lindera benzoin*), Rough Arrowwood (*Viburnum dentatum*), Red Maple (*Acer rubrum*), Silver Maple (*A. saccharinum*), Norway Maple (*A. Platanoides*) (non native), muscle wood (*Carpinus caroliniana*), White Mulberry (*Morus alba*) (non native).

Invasives were abundant and included Garlic Mustard (*Alliaria petiolata*), Crown Vetch (*Coronilla varia*), lots of Japanese Stilt Grass (*Microstegium vimineum*), Japanese Knotweed (*Fallopia japonica* aka *Polygonum cuspidatum*), Tree of Heaven (*Ailanthus altissima*), and Multiflora Rose (*Rosa multiflora*).



... Knotweed meets Student
Advisors

When the site was first developed the area was covered with what seemed to be a sea of privet (*Ligustrum vulgare*), it took years of digging by many volunteers to remove this unwelcome member of the understory, and the job is still not done.



Two volunteer Sisters remove crown vetch



Knotweed is no longer welcome

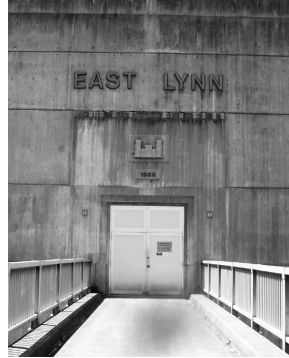


Students removing a big privet

Without the efforts of many, many volunteers donating hundreds of hours of hard work removing plants which seem determined to return, we would not have had the opportunity to see a recovering woodland in an urban setting. Remember you too can volunteer to remove invasives. ☘

East Lynn Wayne County WV

27 April 2019



Five members of the WVNPS ventured into the area behind the dam at the East Lynn Wildlife Management Area in Wayne County WV. From the parking lot just before the entrance to the dam control building they descended on to the dam, crossed and then proceeded to transverse the overflow spillway to an unnamed creek which flows west to east. They then climbed up the creek, finally going southeast across several gullies to return to the overflow spillway and the parking lot.



Crossing the Spillway



Oriental bittersweet

The area was a pleasant surprise with several species of interest, although many were not blooming, as the weather was not as usual this year according to those familiar with the area. Our one concern was the proliferation of young oriental bittersweet plants. If this nonnative invasive is not controlled now, it will soon be in the canopy destroying a wonderful recovering woodland. The photo was taken later from a harvested Ohio specimen, and photographed on an old sheet. This plant seems to be spreading rapidly in the tri-state area of WV, Oh, Ky.

Romie Hughart and Sarah Friend compiled the following list of some of the species found.



Goldenseal

Trailing Pearlwort (*Sagina decumbens*)
 Oriental Bittersweet (*Celastrus orbiculatus*)
 Chain Fern (*Woodwardia areolata*)
 Small's Ragwort (*Packera anonyma*)
 Carolina Spring Beauty (*Claytonia caroliniana*)
 Black Snakeroot (*Actaea racemosa*)
 Wake Robin (*Trillium erectum*)
 Large Flowered (*Trillium T. grandiflorum*)
 Trout-lily (*Erythronium americanum*)
 Goldenseal (*Hydrastis canadensis*)
 Maple-Leaved Viburnum (*Viburnum acerifolium*)

Meehania (*Meehania cordata*)
 Rosy Sedge (*Carex rosea*)
 Blue Cohosh (*Caulophyllum thalictroides*)
 Witch-Hazel (*Hamamelis virginiana*)
 Yellow Mandarin (*Prosartes lanuginosa*)
 Mealy Bellwort (*Uvularia perfoliata*)
 Wild Geranium (*Geranium maculatum*)
 Smooth Sweet Cicely (*Osmorhiza longistylis*)
 Virginia Snakeroot (*Endodeca)serpentaria*)
 (*Aristolochia* in Checklist)
 Pointed Broom Sedge (*Carex scoparia*)

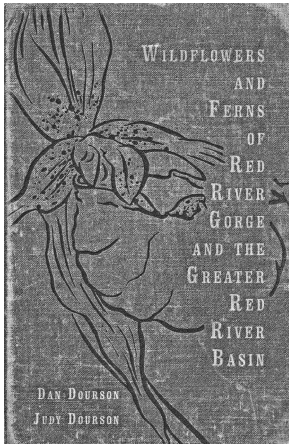


Wild Geranium

Please note the nomenclature follows that of the *Checklist and Atlas of the Vascular Flora of West Virginia*, Harmon, Ford-Wentz and Grafton 2006, and thus current publications may use different names. County Records are not included because Hughart & Thompson published a Checklist of the Flora of East Lynn WMA, WV. 2012

Off the Shelf

The selection featured here is not a flora in the traditional sense but rather a book which might be of assistance when you want something to help with answering questions or for a gift for someone interested in botany or plant photography.



Wildflowers and Ferns of Red River Gorge and the Greater Red River Basin;
Dan Dourson, Judy Dourson 2019 University of Ky. Press 488 pages
ISBN paper 978-94-966900-8
ISBN epub 978-94-966902-2
ISBN pdf 978-94-966901-5

The list price is \$39.95. However, I picked it up at a University of Kentucky Press sale for about \$25 + shipping. I might note that it is worth getting on the Ky. Press e-mail list for their sales, as there is a botanical component.

This recent publication is different from most wildflower guides, from the cover which looks as if it was published years ago then left to sit after much wear, to a strong statement that not all of the 1,500 + species present in the region are included. In many ways it is novel presentation making one think about alternative formats for reaching the public without patronizing. This book would be of interest to our members who live in western West Virginia and to those who have a similar geological setting, sandstone cliffs, deep gorges, natural bridges and arches, topped by xeric hilltops. There are more than 800 photographs, primarily close up of flowers. Text includes common and scientific names (most are current), habitat preferences, general location within the watershed, blooming time and size. All plants mentioned in the text are illustrated by one or more images. There is ample coverage of non flowering plants. Many of the ferns included not only have photographs, but also line drawings with diagnostic features enlarged. In some cases, such as *Clintonia*, there is a table of photographs which illustrate the distinguishing characteristics between two similar species. Often species in the same genera which are confusing to resolve are carefully illustrated on the same or facing pages. The flowering plants are arranged alphabetically by family. Because there are no keys a general knowledge of the family most likely to have the plant at hand is very beneficial in using this book. A chart is included which lists the pages on which plants showing specific colors can be paired with bloom seasons. As an example of coverage, the Celastraceae is represented by Canby's Mountain Lover (*Paxistima canbyi*) with six images including: habitat, habit, gross morphology and floral closeups. The eight microclimatic or topographic endemics found in the region are all included in this book. Trees, vines and shrubs are minimally represented, probably because there are many Kentucky Press titles for that subject, or perhaps the Dourson's have another book in mind.

There are 47 pages devoted to information about the history, geology, ecoregions and habitats of the region. A useful section on algae, fungi, slime molds, lichens and bryophytes is included. The glossary consists of only one page; however, multiple line drawings illustrate many of the terms, if you are able to find them in the text. A vascular flora list compiled by Julian Campbell and others with some annotations is included. There is even a section on safety tips while in the woods.

Because reservations may be necessary for many members, this information is provided now.

WV Native Plant Society Field Trips and Annual Meeting

Tomlinson Run State Park

September 6-8, 2019



The West Virginia Native Plant Society has scheduled a field trip to Tomlinson Run State Park, way up north in Hancock County, during the weekend of September 6-8, 2019. The area consists of second growth hardwood forest with some wetland areas. An interesting steep canyon winds through a portion of the park. This will be the first time the WVNPS explores this area's habitats. Skunk Cabbage is to be found growing everywhere in the park. We hope to find Canada Yew (it's mentioned in their park brochure) and Corymbled Rattlesnake-Root.

Location: Tomlinson Run SP is located near the northern tip of West Virginia's northern panhandle, 13 miles north of Weirton, WV. From State Route 2, take SR 8 and follow the signs to the park. The camping area is located in the eastern edge of the park. For further information see;

<https://wvstateparks.com/park/tomlinson-run-state-park/>

Field trips: We will be taking the Laurel Trail Saturday morning starting at 9:00 A.M. This trail goes into the "wilderness" canyon area. Be prepared to pack a lunch, as options to pick up one quickly are limited. In the afternoon we can either hike another trail in the park or travel to the Hillcrest WMA, a couple of miles east of the park. If we go to Hillcrest, we will car caravan along CRs. 18 and 14 through parts of the WMA. There are open fields and small wetlands which should be good for viewing late summer bloomers. Panicked Dogwood, Smooth Arrowwood, and Watercress are found in the WMA. Sunday morning we can hike another trail in the park, Tomlinson Run has several short loop trails to choose from, or go to Hillcrest WMA. Planned departure is noon.

Lodging: The nearest hotels are located in Newell, Chester, and New Cumberland, WV, and East Liverpool, OH.

Camping: Fifty-four sites/thirty with electric hookups are available in the park at \$25.00/\$29.00/day. Also, located in the camping area are small and large yurts at \$43.00-\$53.00/day and camping cabins at \$63.00-\$68.00/day. Although the cabins and yurts are listed as closing on labor day, they will be still be open; be sure to call now for reservations as it is a weekend. All reservations should be made at 304-564-3787. Bring your own bedding or sleeping bag, towels, etc. All meals will be on your own.

<https://wvstateparks.com/places-to-stay/campgrounds/tomlinson-run-camping>

The annual membership meeting, which includes the election of officers, open to all, will be held at the campground shelter on Saturday, 9/7/19 from 6:00 to 8:00 p.m.. A board meeting will be held at the same time. ☼

Tri State Chapter trip to another part of East Lynn WMA

A trip will be scheduled for August 3 to a place in the WMA different from that explored in April

For Information contact Romie Hughart at romies5006@yahoo.com ☼

News of the West Virginia Native Plant Society

Highlights of the April 13, 2019 Board Meeting

- ! The 2019 board meeting was held in room 217 in Christopher Hall of Science at West Virginia Wesleyan College in Buckhannon WV. Seven board members attended, others attending varied in number.
- ! It was suggested that board members, and others so inclined, respond as to whether they will attend meetings
- ! Having a booth at the forest festival was discussed with Pete Rykert volunteering to organize if the tri-fold display could be made available.
- ! Changes to the web page were discussed with the majority opinion being that it was urgently in need of updating. Volunteers with experience are needed. Our hosting service is also undergoing changes.
- ! The fall general meeting and field trip will be at Tomlison Run State Park in the northern panhandle. ✿

New Life Members

Tony and Sheila Basham Charleston WV
John C. Webster Berkeley Springs WV

News of Members

The May 2019 issue of *Castanea* Vol.84 No. 1 pages 13-23 included an article *Noteworthy Collections: West Virginia* by James P. Vanderhorst, Brian P. Streets, Elizabeth A. Byers, Greg Short, Patricia L. Faulkner and Rodney Bartgis. It includes information on: *Betula cordifolia*, *Carex brevior*, *C. cephaloidea*, *C. emmonsii*, *C. kraliana*, *C. purpurifera*, *Centaureum erythraea*, *C. pulchellum*, *Chamaedaphne calyculata*, *Erythranthe gutta*, *Eutrochium steelei*, *Kalmia angustifolia*, *K. polifolia*, *Lycopodiella X gilmanii*, *Pilea fontana*, *Potamogeton bicupulatus*, *Ranunculus caricetorum*, *Sigesbeckia orientalis*, *Teucrium botrys*, *Utricularia subulata*, *Viola walterii*. Congratulations to all who provided data or worked on this expansion of knowledge about the WV flora. ✿

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. ✿

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Recording Secretary-Vacant

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Events of Interest

July-August Wednesdays

The summer Nature Connection series at the WVU arboretum has several talks of interest to botanists. All events will be held at the arboretum amphitheater starting at 6:00 P.M..

July 16: : Nicolas Zegre, WV water security: Implications and opportunities of a changing climate

July 30: Mike Powell, Red spruce forests in WV--past, current, and future status

August 6: Jon Weems, Tall trees and tight money: The history of WVU Core Arboretum

August 27: : Joan Beard, Wild edible and medicinal plants: Current research findings on efficacy for further information:
<https://arboretum.wvu.edu/#calendar>

August 16-25 Events in south eastern West Virginia centered on Princeton and Camp Creek. This festival celebrates the wonderful floral explosion at the end of summer when gold and purple reign. There will be wildflower walks, gardening demonstrations, art shows, photography and poetry contests based on wildflowers, food and vendors. For further information:

<https://peakofthebloom.com>

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