

SHENANDOAH SAW-WHET

ISSUE #12: SPRING
2023

A NEWSLETTER OF THE *SHENANDOAH CHAPTER OF THE VIRGINIA MASTER NATURALISTS* PROGRAM.

OUR NEWSLETTER IS NAMED IN HONOR OF THE NORTHERN SAW-WHET OWL — A SPECIES OF GREATEST CONSERVATION NEED IN THE SHENANDOAH VALLEY.

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FROM THE EDITOR

BY TIM KOPPENHAVER

While interviewing **Rob Lamar** for our Member Profile (on page 3), the conversation turned briefly to the special places in nature many of us have found. Sometimes they're grandiose, like a popular Shenandoah National Park waterfall or overlook. But with keen naturalist instinct, sometimes they're the more subtle places. Like with Rob it's the botanical profusion found at *Mosby Campsite* along the Appalachian Trail, and for me, a place I call the *Rock Garden* on England Mountain near Marshall, Virginia. As naturalists trained to examine things more closely, we don't have to look far to find our special places.

Under Photos Stories on page 10, **Richard Hayden** provides two exceptional photos, both taken at Lake Frederick... which I'm guessing is one of Richard's special places.

In celebration of Women's History Month, we feature Susan Fenimore Cooper under Famous Naturalists on page 4. Her story, like *Mosby Campsite* and the *Rock Garden*, is a subtle one. She's not a household name for naturalists. But her contributions of bringing awareness and appreciation to the natural world are quite impressive, and well ahead of their time.

Finally, as noted in Mary Beth's President's Message, congratulations to both **Kaycee Lichliter** and **Rebecca Harriett** for their impressive awards! Both are outstanding and dedicated naturalist and we're grateful to have them as members.

Get out there and enjoy Spring!

PRESIDENT'S MESSAGE

BY MARY BETH YARBROUGH

Congratulations are in order for two outstanding Chapter members, **Kaycee Lichliter** and **Rebecca Harriett!** Kaycee (Bluebird Trail Manager and contributor of global scientific data) earned the distinction of 2023 Shenandoah Chapter Volunteer of the Year; and Rebecca (Chapter VP, Education Chair and stellar volunteer), received the VMN State 2023 Volunteer of the Year award. We are so proud of our volunteers.

Winter is often a “slow season” for many Master Naturalists, with nature’s dormancy (*Halyomorpha halys*, aka the brown marmorated stink bugs that sneak into my house aren’t getting that message). At the same time, our region has experienced some unusual seasonal extremes, causing early budding, spring ephemeral sightings, and early reptile activity (all concerning phenomena to the global scientific community).

What are we doing this winter season? Perhaps like me, you are thinking of ways to add more native and pollinator-friendly plants to a garden! Eastern Bluebird Trail monitoring will be upon us before we know it. Area garden fairs and nurseries will have their offerings soon (use your naturalist skills to “weed out” the non-natives), Invasives, like garlic mustard, will need to be pulled.

OTHER IDEAS:

- **Join our Chapter Facebook group** (Virginia Master Naturalists-Shenandoah Chapter Group) to connect with other members, share photos and stories of interest.
- **Take time to investigate our always-improving Better Impact resources:** volunteer calendars, and Files (where you can find handbook, bylaws, and descriptions of many of our chapter projects). We will grant any member up to one hour of “Other CE” for reading Chapter Documents under “Files.” Honor system, logging of hours does not count!
- **Earn Education hours** (online, in person). Winter can be a great time to earn CE. Check out a few on the Better Impact Calendar and our monthly email blasts, for work on your minimum eight annual hours!
- **Earn volunteer hours.** While there may be fewer in the winter, our Better Impact Opportunities “List” tab provides ideas on citizen science activities you may be able to do from your own backyard (I’ve set up a nice cozy spot at a window overlooking my backyard bird feeders, my binoculars and bird books at hand, to record data for Project FeederWatch <https://feederwatch.org/>. I love the kit and poster they sent me). Download some of the helpful wildlife apps listed at the end of this newsletter.
- **Share:** Please send any continuing education (CE) or volunteer opportunities to Jodi Davis at jcarr54@hotmail.com with subject: “VMN Opportunity.”
- **Get to know your Chapter better!** You may have forgotten “some” of your Basic Training; consider attending a Board Meeting in 2023. Drop an email to a board member to let us know to expect you. You can earn hours, plus watch your intrepid Board of Directors at work—see the Chapter calendar for dates!
- **Enter a Raffle!!** Post your hours into Better Impact! At our June Chapter meeting there will be a raffle for members who earn at least half their annual hours for recertification: (20 volunteer/4 CE).

The Chapter Board has been actively rolling out our 2023 Roadmap: setting goals, planning, supporting project enhancements, improving guidance, reviewing active member status, and collecting dues. Most of our members have re-enrolled via the new State system. Although the deadline for dues has passed (31 January), you can still pay your DUES by mailing a \$30 check, payable to VMN-Shenandoah, to our treasurer **Susan Galbraith**, at 2444 Jones Road, Winchester, VA 22602.

It was great to see forty-six members at our first Chapter Meeting (via Zoom) on February 13. If you missed the meeting, please mark these other important dates on your calendar:

- June 19 Chapter Social, Raffle and Meeting (Blandy);
- September 17 Chapter Picnic (Sky Meadows State Park);
- September 29-October 1 VMN Annual Conference in Abingdon VA;
- Annual Chapter meeting on November 13 at Blandy.

(continued next page)

Charlie Price, our new Program Chair, is developing some exciting Programs/Field Trips and social opportunities for 2023. Our first field trip is at Seven Bends State Park on March 26th, 2023. This program includes Ranger lead overview and multiple hikes at Seven Bends. If interested, please RSVP direct to Charlie (Price04@comcast.net) by March 21, 2023.

The Chapter is actively recruiting a hospitality coordinator to support the chapter's various social offerings throughout the year. Please see page 7 for additional details

I look forward to seeing you all out there at our upcoming Chapter events and volunteer opportunities!

MEMBER PROFILE – ROB LAMAR

The Myron Avery Award from the Potomac Appalachian Trail Club (PATC) recognizes substantial achievements by a member who most exemplifies the spirit of volunteerism through their contribution to PATC during the past year. It is the highest honor bestowed upon a member of the club. The 2022 recipient of the Myron Avery Award is our own **Rob Lamar**, a graduate of the chapter's class of 2019 VMN training.

Rob's volunteering with PATC includes many hats: trail maintenance, Co-District Manager, Certified Chain Sawyer, Corridor Monitor, and the Club's Natural Resource Advisor. Rob also holds a Commercial Applicator License to administer herbicides in both Virginia and West Virginia. This certification requires state competency tests and considerable invasive plant knowledge. In much of his work for PATC, Rob coordinates with numerous organizations, including the National Park Service, National Forest Service, and Appalachian Trail Conservancy to administer herbicides.

Congratulations to Rob for winning this prestigious award!

Rob has had a lifetime love of hiking, especially along the Appalachian Trail (AT). His passion for the PATC came after hiking the entire AT - not just once, but twice. After retirement, Rob first thru-hiked the trail in 2015, and then hiked the entire trail again in 2017 and 2018 (along with his wife Rebecca Harriett). Realizing how special the AT is, Rob was motivated to preserve this wonderful resource, and became a dedicated PATC volunteer.

Rob especially likes the "bookends" of the AT. In the south, the Smokies and Grayson Highlands, and in the north, New Hampshire and Maine. Rob jokes that much of Virginia is known as a green tunnel, but to someone with a PhD and career in botany, he very much enjoyed Virginia's profusion of botanical interest.

Thru-hikes did much more than just inspire Rob to volunteer with the PATC. Though botany is Rob's strength, so many other natural aspects caught Rob's interest while hiking, and he felt compelled to increase his knowledge of other natural kingdoms. Additionally, he was interested in getting to know more conservation-minded people in the local area. And so, Rob turned to the Virginia Master Naturalist program in 2019.

When asked what he believes is important for the public to know about VA's natural resources, Rob answered "*The more people know the more they appreciate*". He feels it's important to help the public become curious, gain knowledge about our resources, and inspire conservation.

When asked about his favorite places to visit in our chapter's territory, Rob cites the Thompson Wildlife Management Area and a special place off the beaten path along the AT, Mosby Campsite. With Rob's PhD and career in Botany, along with additional training through VMN, it's easy for him to find richness and uncover the subtleties of places like Thompson and Mosby.

Congratulations again to Rob for winning the Myron Avery Award from the Potomac Appalachian Trail Club!

CHRISTMAS BIRD COUNT

By Margaret Wester

The data for the Calmes Neck (VACN) CBC is available on the National Audubon website (link below). This is a citizen science project of National Audubon we participate in. We had a total of 85 species on count day and one species for a count week bird (Lesser Scaup). I reported one rare bird, the Palm Warbler (with a photo and rare bird report) even though it had been observed and reported in years past, as well as the Ring-necked pheasant, not reported as rare, but rarely seen. Both were accepted. Overall, I would say it was a pretty average day for numbers of species, however on the somewhat low side for most numbers of individuals. All the woodpeckers were observed, plus several of the owls and raptors. We had a high count on Red-breasted merganser (24) and Trumpeter Swan (6). There were 59 observers in the field and 5 feeder watchers, a great turn out. It was a mild day but overcast with light rain in the afternoon. Enjoy reviewing the count summary online.

Learn More Here: <https://www.audubon.org/conservation/science/christmas-bird-count>

FAMOUS NATURALISTS

Cooperstown, New York is currently most famous for its Baseball Hall of Fame, but Cooperstown is also home to an impressive naturalist. Cooperstown was founded in 1786 by William Cooper. His son, James Fenimore Cooper, authored among other works *The Last of the Mohicans* - one of the most popular English-language novels. But James' daughter **Susan Fenimore Cooper's** observations as a naturalist, writer, and artist also garnered fame, and even drew the admiration of both Henry David Thoreau and Charles Darwin.

Ms. Cooper published *Rural Hours* in 1850, one of the earliest pieces of American nature writing and the first by a woman. The book sprang from journals of her observations on weather, fauna and flora, and general rural life around her hometown of Cooperstown, New York. Her factual and observant approach to writing helped readers at the time better understand nature. The book also advocated for the preservation of forests, predating similar works such as Thoreau's *Walden* (1854) and George Perkins Marsh's *Man and Nature* (1864), two foundational works of American environmentalism. Darwin's *On the Origin of Species* was published 9 years after *Rural Hours*.

"It is the peculiar nature of the forest, that life and death may ever be found within its bounds, in immediate presence of each other; both with ceaseless, noiseless advances, aiming mastery; and if the influences of the first be most general, those of the last are the most striking." - Susan Fenimore Cooper

Though *Rural Hours* was her most admired book, Cooper continued to write essays and short stories and edit collections of her father's work. She also successfully edited other works including *Journal of a Naturalist* by British naturalist John Leonard Knapp.

Today, a resurgence of readers are turning to environmental literature of the past. And though *Rural Hours* never achieved as much fame as *Walden*, there's no denying that Cooper's work brings greater awareness to nature and conservation.



CONGRATULATIONS !!

As announced at our recent chapter meeting, the Shenandoah Chapter Volunteer of the Year is **Kaycee Lichliter**. To say that Kaycee is one of our most dedicated volunteers when it comes to bluebirds is a GREAT understatement. But Kaycee also does so much more... she's a master bird bander, Northern Shenandoah Valley Audubon officer, conservation committee chairperson and Purple Martin Landlord, three-county coordinator for the Virginia Bluebird Society, participates in Mason Bee studies, and is a leader in the Christmas Bird Counts.

"We are so very blessed to have Kaycee in our chapter, not only for her hard work and dedication, but for the fantastic mentorship she gives to other VMNs."

~ **Julie Bowers** `18

"Kaycee has shared her expertise willingly with all VMNs, providing us with excellent training and volunteer opportunities. She is a treasure to our Chapter."

~**Marie Majarov** `11

Congratulations also to the following individual for completing 10 years of service to our VMN Shenandoah Chapter:

Posie Beam
Jill Butler
Margaret Miller
Alex Newhart
Janet Rigoni

A plaque with their name and date when which they joined our chapter has been placed in their honor on one of the Bluebird nesting boxes on the VMN Bluebird Trail at Sky Meadows State Park. They are placed on nest boxes on the trail named "Chickadee Circle", surrounding the Children's Discovery Area/Picnic Area within the "Outdoor Lab".

Congratulations and thank you for your service!

THE PAW PAW ANCIENT FRUIT OF THE TROPICS

By Paul Guay

The Algonquian Indians relished it. They called it 'ah-SEE-min'. It was, and still is, the largest edible tree fruit native to North America. (Botanists later gave it the Latinized name, *Asimina triloba*, from the Indian word for the tree and triloba referring to the 3 lobes, or sepals, at the base of the flower.)

Native Americans found it growing in areas that currently comprise 26 eastern states from Florida to as far north as Ontario Canada, and west to Texas and Oklahoma.

Paw Paw fruits are about 6 inches long and up to two inches in diameter. They have a light green colored skin that develops black splotches as it ripens. Sometimes, on a sultry late summer day, the woods are filled with a fruity banana-like odor, that emanates from the soft, ripe fruits. The flesh is soft and custard-like, colored a light to dark yellow, with a unique tropical fruity flavor like a banana, mango and papaya all mixed together. It's a flavor typical of fruits that commonly grow in the tropics and seems strangely out of place in these Northern Latitudes.



By redmudball
CC BY-NC 2.0

Inside the pulp, there are several large shiny brown seeds that Native Americans eagerly planted to cultivate and spread the Paw Paw. Some native animals, like squirrels, raccoons, opossums, deer, and bear also eat the fruit and spread the seeds.

Indians consumed it fresh, like a banana, or mashed it and mixed it with corn meal and baked it into bread. They also dried some for wintertime use, adding the powdery chunks to watery corn meal and venison to make a thick, sweet soup.

Early European settlers found it to be an indispensable substitute for the large tree fruits native to Europe and Asia (apples, peaches, pears, and plums) that were not yet being grown in the Americas.

It even served as a survival food for the Louis and Clark Expedition on their return trip to St. Louis when wild game and other native foods were not available.

But long before humans lived in the Americas, Paw Paw trees were here. The first humans arrived in North America perhaps 15,000 years ago. But the earliest fossil evidence of the Paw Paw in North America comes from about 20 MILLION years ago, during the Miocene Epoch!

This was a time when the climate of the entire earth was much warmer, and the part of North America where Paw Paws now grow had a tropical climate. Over the eons, as the world's climate slowly cooled; the once tropical Paw Paw plants were able to adapt to the new environment and were left growing where we live now. The Paw Paw truly is an ancient fruit from the tropics!

But why did the Paw Paw evolve to have such large, sweet fruits filled with big, hard seeds, at a time when there were no humans to eat the fruit and spread the seeds? The Paw Paw's fruit was specially designed to be eaten not by people, but by the giant mammals that lived in North America during the Miocene and Pleistocene Eras, called 'Megafauna'. They were huge animals like giant ground sloths, mastodons, mammoths, rhinos, camels and giant 500-pound pig-like tapirs. These giants eagerly consumed the sweet fruits and later deposited the seeds in their scat far from the parent trees.

But when humans arrived in the Paw Paw tree's native territory, they took over the role of seed dispersal, ensuring that the Paw Paw would survive and even spread throughout eastern North America.

Paw Paw Pollinators

Like all fruit trees, Paw Paws have flowers that are pollinated by insects.

Most tree fruits have flowers that are specifically designed to attract bees. They are brightly colored, have a sweet smell and offer a sugary nectar to encourage visiting bees. And, with more than 4,000 species of bee in North America, there are plenty of pollinators to go around!

But Paw Paw flowers are not pollinated by bees! Paw Paw flowers are colored a lurid purple, like the color of animal flesh, and give off the aroma of rotting carrion (thankfully undetectable by most humans). These flowers are specifically designed to attract not bees, but carrion beetles and flies and they carry out the role of pollination.

Beetles and flies are not very good at pollination, and as a result, less than one half of one percent of all Paw Paw flowers are successfully pollinated and produce fruit.

To overcome this handicap, Paw Paw trees have the ability to spread by root suckering, forming dense monoclonal colonies that can spread for hundreds of square feet. These 'colonies' are actually a single plant, that only appears to be many (sometimes hundreds) individuals.

But, with so many species of pollinating bees available, why would the Paw Paw evolve to be pollinated by beetles and flies? Paw Paw trees belong to the very ancient family of tropical flowering plants called Annonaceae, otherwise known as custard apples.

It is thought that the first custard apples evolved as much as 100 million years ago, but bees did not evolve until about 60 million years ago.

So, the ancestors of the Paw Paw evolved long before there were any bees in the world, but at a time when beetles and flies were the only pollinators available.

And ALL of the descendants of the original custard apples, including the Paw Paw, inherited the trait of being pollinated by flies and beetles.

The Paw Paw tree ...it really is a living relict from the tropics... and the age of dinosaurs...and plenty can be found in our chapter's territory! Now that is truly amazing!

HELP WANTED

Calling all Hosts and Hostesses!

Do you enjoy planning events and bringing people together for fun gatherings? Earning volunteer hours?

The Shenandoah Chapter of Virginia Master Naturalist hosts several social offerings throughout the year (and would like to offer more). The **Hospitality Coordinator** will be the point-of-contact for chapter hospitality. This is an ideal position for a Chapter member (including a new member) looking for ways to become more involved in the Chapter and get to know people, with a limited time commitment, and the flexibility of planning from home. Training, guidance, and on-the-job support provided. This position could be shared by two individuals.

To learn more, please contact Mary Beth Yarbrough (MBAYarbrough@gmail.com) for a full position description. A Q&A Zoom will be scheduled soon to answer questions for interested members.

VMN PROGRAM - 2022 YEAR IN REVIEW

Each year, VMN chapter leaders work hard on annual reports that compile volunteering statistics and describe some of their most impactful projects having impact in their communities and to benefit Virginia's waters, woods, and wildlife. Below, are highlights of the statewide 2022 data.

New Basic Training Graduates	406
Total Enrolled VMN Volunteers	3,366
VMN Volunteers Reporting Service Hours	2,388
Certified Virginia Master Naturalist Volunteers	*We are still calculating this number and will update it here by the end of February.
Continuing Education Hours	28,257
Service Hours: Education and Outreach	42,299
Service Hours: Citizen Science	75,401
Service Hours: Stewardship	53,603
Service Hours: Chapter Leadership/Chapter Administration	39,663
Total Service Hours	210,967
Monetary Value of Service	\$6,497,773
Sites Improved Through Stewardship	703
New Habitat Sites Planted or Restored	65
Number of Citizen Science Studies	60+
Number of Direct Educational Contacts Made	288,473
Number of Indirect Educational Contacts Made	244,266

CONTINUING EDUCATION

DO YOU KNOW... the difference between millipedes and centipedes? Which one is a predator? And what's the record for the most pairs of legs of either species? Find out more by watching the "Myriapoda" webinar at the state VMN website. VMNs are required to accumulate eight hours per year of continuing education training. You can find continuing education webinars here:



BETTER IMPACT TIP

Add a photo to your Better Impact profile.

Want to help our members link a name to a face? Then update your profile by adding a photo of yourself in Better Impact. Log into Better Impact, go to the My Profile tab and select "Contact Information". In the upper right of that page is a place where you can upload a photo of yourself. Be sure to hit the Save button before you leave this page. And while you're there, under privacy settings please remember to check the box "I want other volunteers to be able to see my name in the list of scheduled volunteers" to help our project managers.



2023 BASIC TRAINING CLASS

By Rebecca Harriett

Spring is coming and while it has been a mild winter, one of our annual rites of spring is welcoming our new Chapter members into the Class of 2023! Your Education Committee has been hard at work recruiting, interviewing, and selecting the in-coming class. Nineteen new members will begin their 9-week educational adventure on March 18th at Blandy Experimental Farm and ending with the Annual Volunteer Fair on Saturday May 20th.

Because the Shenandoah Chapter has so much going on, it can be overwhelming to new members in finding their niche within the organization. To help new members navigate the Chapter, the Education Committee will be implementing a "Mentoring Program" to help match new volunteers to opportunities and projects of interest to them. Thank you to our members that stepped to help with this program.

As our new members become engaged with Chapter projects and opportunities, I hope all members will welcome the Class of 2023!

NATURALIST RESOURCES OF NOTE

WILDFLOWER CALENDAR

Shenandoah National Park:
www.nps.gov/shen/learn/nature/upload/WildflowerCalendar_Web

WHAT'S BLOOMING NOW

State Arboretum of Virginia:
blandy.virginia.edu/arboretum/what-s-blooming-now

SPECIES IDENTIFICATION APPS (NEW)

I-Naturalist: inaturalist.org for exploring and sharing your observations from the natural world

eBird: ebird.org from the Cornell Lab - among the world's largest biodiversity-related science projects.

Merlin: merlin.allaboutbirds.org from the Cornell Lab for Step-by-Step bird ID.

BirdNet: birdnet.cornell.edu from the Cornell Lab for bird ID by sound.

WILDLIFE VIEWING TIPS

Virginia Department of Game & Inland Fisheries:
www.dgif.virginia.gov/wildlife-watching/respect-wildlife

PHENOLOGY VISUALIZATION TOOLS

From USA National Phenology Network:
<https://data.usanpn.org/vis-tool/#/>

IUCN RED LIST (International Union for Conservation of Nature)

IUCN's Red List of Ecosystems (RLE) is a global standard for assessing risks to ecosystems.
<https://iucnrle.org/>

NATURESERVE EXPLORER

Provides conservation status, taxonomy, distribution, and life history information for more than 95,000 plants and animals in the United States.
<https://explorer.natureserve.org/>

CHAPTER PROJECTS OF NOTE

Sky Meadows: Sensory Trail, Outdoor Lab, Pollinator Plot and Bluebird Trails

Bluebird Trail at Blandy Experimental Farm

Lake Frederick Project

Blue Ridge Wildlife Center Volunteering

The Trails at the Museum of the Shenandoah Valley

If interested in helping with these projects, please reach out to any of our chapter officers or committee chairs or email us at ShenandoahVMN@gmail.com

PHOTO STORIES

IMAGES CAPTURED BY SHENANDOAH CHAPTER VMNs ALONG WITH DESCRIPTIONS OF THE SPECIES, PHOTO TECHNIQUES, AND OTHER USEFUL TIPS & INFO.



ARTIST: Richard Hayden **CAMERA:** Nikon D7500 600mm lens; f/10 1/160s ISO 200

SUBJECT SPECIES: Red-headed Woodpecker - *Melanerpes erythrocephalus*

LOCATION: Lake Frederick, Virginia



PHOTOGRAPHER: Richard Hayden

LOCATION: Lake Frederick, Virginia

SPECIES: Virginia Bluebells - *Mertensia virginica*

CAMERA: Nikon D7500 105mm Macro lens; f/18 1/250s ISO 200

PLACES OF NOTE

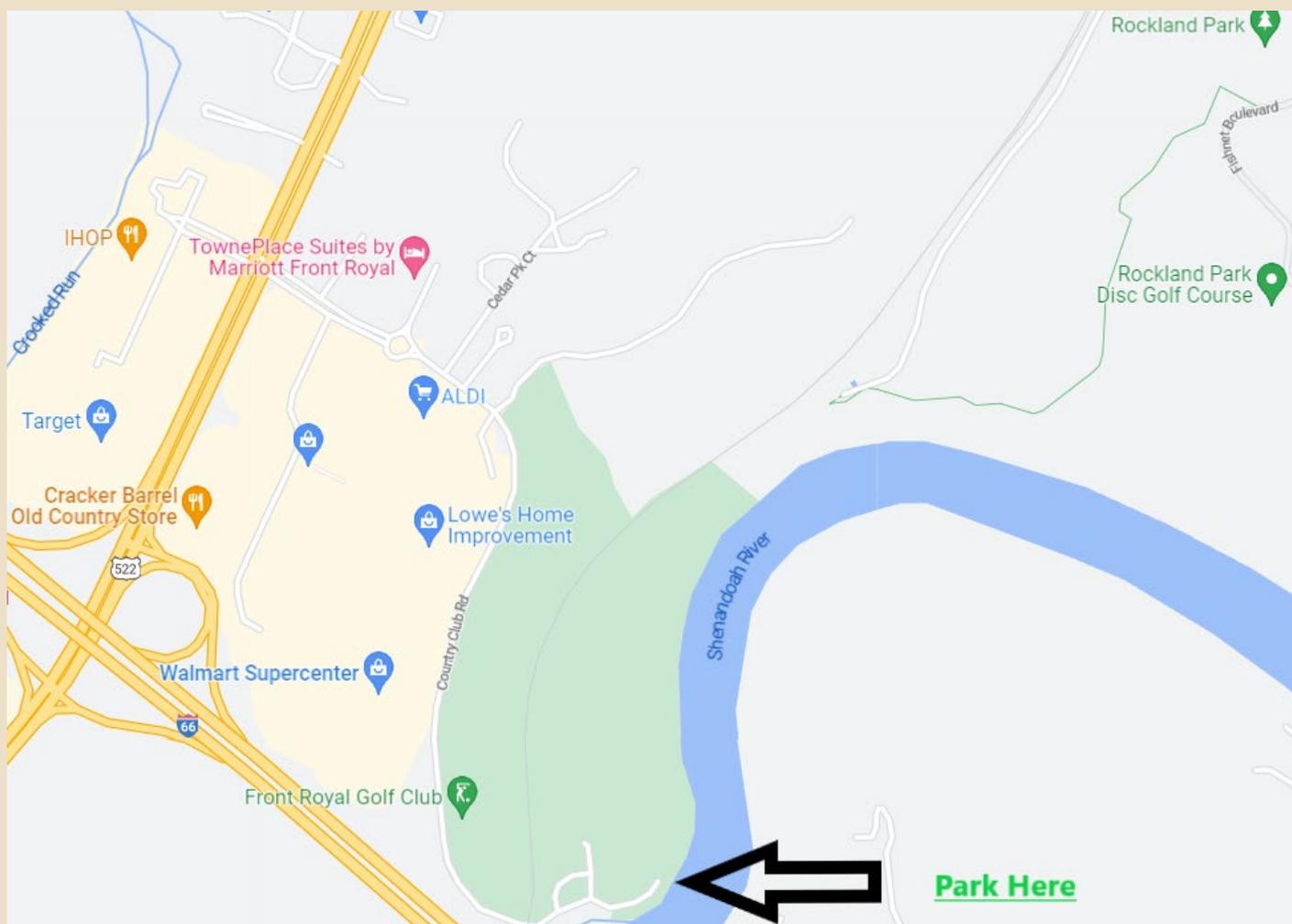
INTERESTING LOCATIONS TO VISIT IN OUR SHENANDOAH CHAPTER TERRITORY

WILLIAM E. CARSON TRAIL ROCKLAND PARK, FRONT ROYAL

Overview

The William E. Carson trail begins near the boat landing at the Front Royal Golf Course where you can stroll along the Shenandoah River and climb a hill, walk through the woods above the river, and connect to Rockland Park. Look for Belted Kingfishers, Canada Geese, Virginia Bluebell, Eastern Redbuds, Spicebush Swallowtail, and plenty more along the river and in the woods.

Location



SAVE THE DATE

For the New Cool Spring Project Launch Party!

Join us April 29 at 2PM to celebrate the launch of the **Cool Spring Naturalization and Education** project in Bluemont. Site manager Gene Lewis will lead a guided tour of the trails to discuss the history of the site and we will highlight the exciting volunteer and continuing education opportunities we have planned for upcoming seasons.

These opportunities include: maintaining pollinator beds, removing invasives, caring for young native trees, monitoring vernal pools, and installing a bluebird trail. We will also have a chance to observe the great blue heron rookery and bald eagle nest site.

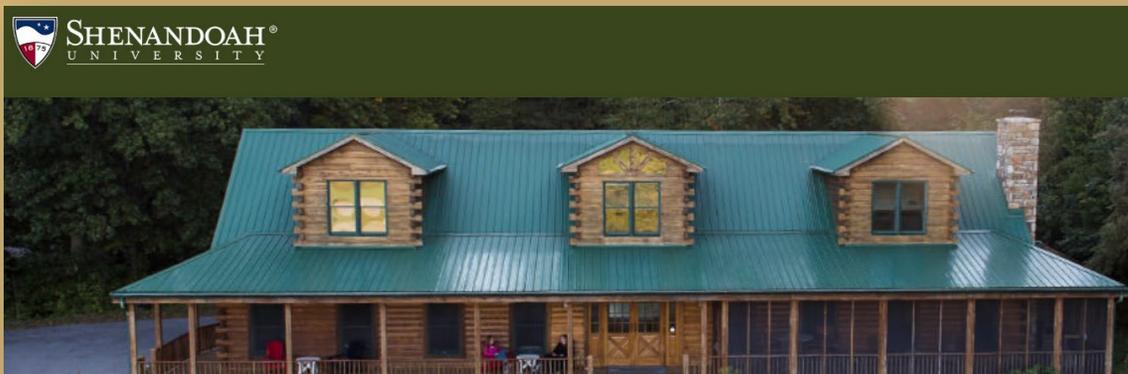
Dress for walking the trails and use your tick preventives. You are welcome to bring your binoculars, hand lenses, and nature journals. Light refreshments will be served in the picnic pavilion at the conclusion of the tour.

Please register in Better Impact. Contact project leader **Hilary Sortor** for more information and/or to join our stewardship team, which will be working at Cool Spring starting in early April. (hilary.sortor@gmail.com or 212-645-1248)

Date: Saturday, April 29

Time: 2pm - 3:30pm

Location: Shenandoah River Campus at Cool Spring Battlefield
1400 Parker Lane, Bluemont, Virginia 20135





**Virginia Master
Naturalists**
Shenandoah Chapter

The Virginia Master Naturalist program and the Shenandoah Chapter are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, veteran status, or any other basis protected by law. An equal opportunity/affirmative action employer.

CONTACT US

Shenandoah Chapter of the Virginia Master Naturalists

Chapter Website: vmnshenandoah.org

Chapter Email: ShenandoahVMN@gmail.com

President: Mary Beth Yarbrough
Vice President: Rebecca Harriett
Secretary: Hilary Sortor
Treasurer: Susan Galbraith

Education Committee Chair: *Rebecca Harriett*

Membership Chair: *Alex Newhart*

Volunteer Chair: *Open (Alex Newhart, Acting)*

Outreach Chair: *Tim Koppenhaver*

Program Chair: *Charlie Price*

Sky Meadows Outdoor Lab: *Ed Tobias*

Find us on Facebook by searching “Virginia Master Naturalists Shenandoah Chapter Group”