The Naturalist

September 2023 Newsletter | Volume 19, Number 9 Historic Rivers Chapter of Virginia Master Naturalists



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Several exciting things will be happening in October. The HRC picnic is scheduled for Saturday, October 14th (rain date is Oct 15th). The Hospitality Committee, led by co-chairs Donna Benson and Marie Robertson, has made plans for a full day of fun, food, education, and social conversation. Ted and Judy Sargent will be the gracious hosts for this event. Please respond to emails and make your plans to come join the fun. Start practicing now for the rubbish relay game. Work on those litter grabber skills!

Cohort XVII has completed the Risk Management course and will be volunteering with other chapter members. Please welcome these trainees and share words of wisdom and support. We're glad they have chosen to join our chapter. In conjunction with adding new contacts to the listserv, the HRC webmistress (Jeanette Navia), has sent an email to all members reminding each of us of the guidelines for using this method of communication. It's a great review for all.

A new home is needed for the CAR (Collection and Resources) materials. After spending seven years with Jennifer Trevino, these items have worn out the welcome mat. A committee will begin looking for a place to store these items. Perhaps you have a place which could accommodate the collection. If so, the ad hoc committee, led by Janet Harper with members Alice Kopinitz and Barb Neis, would love to hear from you. The cost of a climate-controlled storage unit will reduce monies the chapter could use in our many activities.

Also, the nominating committee, led by Rick Brown with members Shirley Devan and Valerie Shostak, will begin work soon. If you have been considering being a leader with the chapter, this committee will welcome your offer to fill a board position. If you are not sure you would like to chair a committee alone, find a friend and be co-chairs. It's fun to volunteer together and share the duties.

The HRC annual report team is gathering articles, photos, and information to highlight three activities and two projects which impacted change. There will be the usual input of board members, membership data, volunteer hours, and financial information. This group works behind the scenes to complete a task in a short time. Thanks to everyone who helps make this report truly reflect our chapter's accomplishments. Our treasurer, Adrienne Frank, will be preparing the 2024 HRC budget for approval by the December board meeting. Requests for funding any HRC activity needs to be submitted to be included in the budget. Watch for an email with the budget request form and submit it early. There is a deadline and unused funds from 2023 do not roll over to the 2024 budget. Make this process easier and more efficient for Adrienne.

Finally, the application for a scholarship to attend Nature Camp is available. Judy Jones is our contact for the Nancy Norton Nature Camp scholarship fund. Please share this news with families in your neighborhood and other connections you may have with students who meet the requirements for this application and camp. Our chapter has the resources to help a child who is interested in any or all facets of nature.

Next month I'll share comments from the HRC members who attended the VMN conference in Abingdon. See you out in nature somewhere.

Until next month.



Pictured above: Cohort XVII at Coleman Nursery on September 5th, their first night of Basic Training. Photo by Shirley Devan. **First row:** Karen Mattern, Marie Chico, Kim Owens, Sheila Morris, Michele Garrard, Lorraine Lander, Michelle Gianvecchio. **Second row:** Cara Sanderson, Julie Peet, James Bruce, Garry Maynor, Connie Motley. **Back row:** Randy Coleman (host at Coleman Nursery, not in cohort) and Kevin Caudle.

September 2023

On the Calendar

See Better Impact and HRC Google Group monthly Continuing education (CE) emails for more opportunities.

Wednesday	Oct 11	HRC General Meeting 6-7:45pm at JCC Library (and Zoom)
Thursday	Oct 12	CE VMN Webinar 12-1 pm "Segregation in Virginia's National Parks" *Register
Saturday	Oct 14	HRC Fall Picnic events scheduled 8am-7:45pm along the Chickahominy River
Sunday	Oct 15	CE Bird Walk 7am with Hampton Roads Bird Club at Newport News Park
Wednesday	Oct 16	Fall Nature Explorers Club at James River Elementary begins *Sign-up
Monday	Oct 23	Oyster Gardening 5-6pm at New Quarter Park Dock
Saturday	Oct 28	HRC Outreach Booth 9am-3pm at Yorktown Market Days
Wednesday	Nov 1	HRC Board Meeting 6:30pm (Zoom) *Contact Connie Reitz to join.
Saturday	Nov 4	Invasive Plant Removal 9am-12pm on William & Mary Campus *Details

Orchid Colony Seen While Pulling Stiltgrass

By Kathi Mestayer

In early September, Donna Ware and I spent some time at Freedom Park, deep in the muddy streambed of a shady ravine, stooping over and pulling out Japanese stiltgrass (*Microstegium vimineum*). Donna had warned me about the mud, so I was in my knee-high rubber boots, which were perfect.

The stiltgrass had been migrating into this ravine in Freedom Park from adjacent land and had invaded a population of blue monkshood (rare in the coastal plain) that Donna had located. We could see that it was moving its way further into the ravine. Fortunately, the muddy soil made pulling up the stiltgrass pretty easy, and we filled up a whole, big, garbage bag by the time we were done.



As a bonus, I got to see some orchids that I had never seen before: Florida adder's-mouth, small green wood orchid, and lily-leaved twayblade, all in fruit, and an extensive colony of **shadow-witch orchids in flower (photo left).** We counted sixteen Shadow-witch orchids, in flower, in a relatively-small area, and hundreds of plant in the colony that carpeted an area of about 20 feet by 10 feet.

Even though the (depauperate) stiltgrass didn't yet have seeds, Elizabeth Mizell (Executive Director of Blue Ridge PRISM (blueridgeprism.org) a nonprofit that supports nonnative invasive plant removal and management), told us that it's still worth the effort, even this late in the year, to pull it out. In her reply to my email asking for advice, Elizabeth wrote: *"It could still produce seed if the plant is healthy and green, so I would advise to keep pulling if this is a high priority site. It can produce seed into Oct and Nov if frost does not kill it."*

So, it was a good use of our time. My back hurt a little the next day, so next time I'll be ready to kneel down in the mud and pull. Thanks to Donna for getting us to the site, showing me the orchids, pulling stiltgrass, and warning me about the mud.

Glimpse at 2023 VMN State Conference

Fifteen Historic Rivers Chapter members made the trip to southwest Virginia for the Virginia Master Naturalist (VMN) Statewide Conference, Friday, September 29 through Sunday, October 1st. The state program office listed the event as an "opportunity for VMN volunteers to share ideas and learn from each other, to participate in high-quality continuing education sessions, and to learn about a region of Virginia that may be different from their home communities." Next month be on the lookout for more reporting from HRC members on the event.



Pictured above, HRC members attending the VMN Conference. Photo by Connie Reitz. **Left to right:** Shan Gill, Alice Kopinitz, Shirley Devan, Bill Harper, Jeanette Navia, Janet Harper, Judy Jones, Valerie Shostak, Dean Shostak, Lisa Nickel, Connie Reitz, Ginny Broome, Patty Maloney, Seig Kopinitz (not pictured Linda Morse).

Pictured below, HRC members on Conference Field Trips. Photos by Lisa Nickel and Jeannett Navia. **Left: Shirley Devan on "Twin Pinnacles Islands in the Sky" field trip.** Photographer Lisa reports "the trip took us to Grayson Highlands State Park where we hiked the Twin Pinnacles trail to one of the highest points in Virginia, through a mythical boreal forest, and some of the most stunning views in the state. **Right:** Jeanette captured a pic of **Janet Harper with a net to discover creatures in the water** at the newly restored wetland at the Blue Ridge Discovery Center in Trout Dale, Virginia.





Pictured above: Jerre in a "moment of sheer joy! Mastodon dig, 2015. Priceless memories for all who had the opportunity to participate. Photo courtesy of **Ginnny Broome.**

"he really made everyone feel like peers co-discovering things"

In Memory of Jerre Johnson, a born teacher

Compiled by Claire White

Dean Shostak delivered the news that Jerre Johnson, retired head of the geology department at The College of William and Mary passed away on September 18, 2023, at his home in Colorado. Jerre was a strong supporter of the Historic River Chapter (HRC) for many years. He taught the first geology classes for basic training, led field trips, and invited Master Naturalists to participate in the mastodon fossil excavation he led in York County.

When searching the HRC Google Group chats you'll see many posts that are evidence of how Jerre provided many opportunities for members to get their hands dirty and celebrate the wonders of the natural world. A few of the memories include carrying wrapped mastodon tusks out of the pit (September 2015), collecting fossil scallops in Surry (February 2017), and the mastodon party at his home before the excavated bones were boxed up and donated to the Virginia Living Museum for preservation (November 2017).

Read Jerre's full obituary to learn more about his life and read the tributes his friends, family, and colleagues have posted. The HRC had an informal tribute to Jerre on our Google Group after Dean shared the news, as an outpouring of fond memories were posted. Excerpts from the posts are listed below:

Judy Tucker: Jerre was so generous with his time. I'll never forget the mastodon dig and cleaning the bones. Also, the time we helped collect scallop shells along the Surry shoreline and then on the ferry back he gave an impromptu class about fossil shells to children on the ferry.

Sherry Brubaker: I remember on a field trip to Richmond; he told us that where we were standing would have been the shoreline of the ocean a bunch of years previously. He was a great guy and good teacher.

Adam Ferguson: My grandfather took me on a geology field trip with Jerre up to the Richmond area in what must have been the late 1980s or early 1990s. I always remembered him as very interested in what a 10 (or so) year old me had to say and think about fossils and geology and local terrain; he really made everyone feel like peers co-discovering things, even as he was the expert. A great teacher!



<image>

Cheryl Jacobson: I loved Jerre! He carried bones everywhere and taught anyone who would listen. I also loved the dig. He always had a smile and a joke and a hug. Rest In Peace my friend!

Judy Jones: When I was teaching at Bruton Heights, Jerre gave my class a fossilized whale pelvis to clean for him. Whenever the kids had a few free moments, they'd head to the whale hipbone and gently scrape dirt off. It was amazing! And, of course, he gave us lessons on what an archeologist did to preserve the bone and spoke all about the whales that lived thousands of years ago. The kids were entranced. They loved the experience. (The custodian hated it!) The man was a born teacher!

Lisa Nickel: I'm so sad to get this news. Jerre was such a sweet man. I had the best time working in the project to excavate the mastodon. It was great to get to know him a bit.

Joni Carlson: I remember calling my Dad the morning after my Cohort X board meeting requirement when Jerre brought the mastodon tusk to pass around and report the "secret" dig to the board. The next morning I called my Dad and said, "Dad, I actually held a mastodon tusk last night!" He was so excited I found people who were like me with curious minds! I knew I was experiencing special things with people in a special place. So blessed to have known him.

Terry Martin: I first met Jerre at Freedom Park. He was standing outside staring down into the rocks... right then, I knew right away he was my kind of people! I had to go talk to him! He found a little rock with a fossil in it. After that he invited me down to the car where I met his wife who was patiently waiting to go to the Garden. He said hold on I want to show you something, and he pulls out bones from a mastodon and a mammoth tooth...I was so excited to have that experience... I will never forget that day.

Dean Shostak shared that "On a personal note Jerre was a close family friend who always shared his time and talent with Valerie, me, and the kids. I've known Jerre since I was a teenager. Valerie was even his student at W&M. There will be a celebration of life at some point down the road and I will pass on the info."

Photo Descriptions: Jerre Johnson (right in both pics) with Historic Rivers Chapter Master Naturalists and fossilized bones from the mastodon dig in York County. Top photo by Lisa Nickel. Bottom photo by Judy Tucker.

Seaford Elementary EnviroScape Outreach

By Deena Obrokta and Claire White



On September 26th two Historic Rivers Chapter Master Naturalist volunteers, Deena Obrokta and Stephanie Schmuck, completed a day of **4-H Schoolyard Habitats Outreach** at Seaford Elementary School (SES). The school posted on their Facebook page about the demonstration led by Deena and Stephanie. Check out the **original post** to see all14 photos of the 4th grade students and volunteers in the Outdoor Learning Commons using the **EnviroScape (pictured left)** to model how pollution affects local watersheds. "Students have been learning that "we all live downstream" so it is our responsibility to help keep our water clean!" If you're interested in outreach education in our schools and school gardens check out the **opportunity description in Better Impact**.

Photo below, left to right: Deena Obrokta introducing EnviroScape model, 4th grade class, and Stephanie Schmuck behind students.



Afterschool Nature Explorers Clubs

Marie Robertson and Jeff Honig will be running elementary afterschool Nature Explorers clubs this fall in two separate Williamsburg James City County schools for 3rd through 5th graders. Both clubs will run for seven sessions between the months of October and December. If you're interested in helping with this outreach activity there is still time to commit to a few sessions and complete the **WJCC Volunteer form**.



- Clara Byrd Baker Elementary School, most Wednesdays starting 10/18 from 4:00-5:00 with Marie
- James River Elementary School, most Thursdays starting 10/19 from 3:30-5:00 with Jeff



Diamondback Terrapin Monitoring

By Janet Crowther





Project Diamondback Dash, a new three-year data collection project organized by Virginia's Department of Wildlife Resources (DWR) collects information on Northern Diamond-backed Terrapin (*Malaclemys terrapin terrapin*) occupancy across the state. The Historic Rivers Chapter has several teams formed to monitor creeks and rivers in the Virginia Chesapeake Bay area. September 2023 was the official "launch" of the area-wide monitoring efforts.

My team (Connie Reitz, Tory Gussman, DWR volunteers Jim Heller and David Gussman, and I) adopted the James River Basin-Cypress Creek Loop, launching from Windsor Castle Park in Smithfield. On September 12, our team kayaked the 4.21 miles JRWC1 loop and identified 18 Diamondback Terrapins.

Pictured clockwise from top left: (1) Janet Crowther in kayak, photographed by Connie Reiz, (2) three team members- David, Tory, and Jim- listed closest to furthest, photo credit Janet Crowther (3) Connie with binoculars, photo credit. J. Crowther, and (4) Diamond-backed terrapins basking on mud flats, photo credit DWR/Barbara J. Saffir.



Bluebird Box Raffle Raises Money at Conference

By Judy Jones

Pictured to the left are 7 of the 8 winners of the bluebird boxes raffled by HRC at the VMN conference with money going to the state VMN office. \$200 was collected from the raffle.

DEI Wins Grant for Accessible Nature Trail Sign

By Adrienne Frank, Photo by Barb Creel



On September 28th, Suzanne Stern, Alister Perkinson, and I attended the Williamsburg Community Foundation Fall Grant Award Luncheon at Ford's Colony Country Club. Suzanne wrote a proposal to support an ADA-compliant interpretive sign at the Greensprings Interpretive Trail. She accepted the check for \$3050 on behalf of the Historic Rivers Chapter (HRC) and spoke for two minutes about the project. She did a very nice job, even made a little joke. See the photo to the left of Suzanne speaking.

Our Diversity, Equity, and Inclusion (DEI) team will be working on other signage for accessibility and to obtain benches along the Greensprings Trail. Deborah Humphries, Lisa Cumming, Janie Moyers, Les Lawrence, and Connie Reitz have been planning, Alister and Sarah O'Reilly from James City County Parks & Recreation, too.

Pictured right: Alister, Adrienne, and Suzanne with Williamsburg Community Foundation grant award.



New HRC Sign: "Volunteers at Work" by Connie Reitz

The litter pickup team for the adopted NPS College Creek beach area is the first group to use the "Volunteers at Work" sign given to HRC by the state program office of the VMN. The chapter has two signs for use while doing activities. Please use these signs to alert others of volunteers near a road and to help community members become aware of our chapter and its mission.

Before starting on the litter pickup, this team contributed 9.6 pounds of soft plastic to be added to the effort to reach 500 pounds and the reward of a bench from Trex.



Photo above, left to right: Keith Navia, Ron Hunt, Donna Benson, Jeanette Navia, Tracy Melton, Les Lawrence, Bob Kaplan, Bill Weldon, Marie Robertson, Martha Moss. Photo by Connie Reitz.



Photos, left: Orb weaver (*Argiope aurantia*) found during litter pickup. Hand behind web for contrast and scale. The spider was not handled. Photo by Marie Robertson.

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What's in your neighborhood?

Request from Robert Ambrose

In the spring of this year, I completed my VMN program and I'm also new to the state of Virginia. It would be interesting to read in a future newsletter an article such as " what's in my backyard". It could be fauna or flora pictures with some verbiage. When we were out last weekend as the T/S [tropical storm] was winding down I took a walk with my dog Georgia on the nature trial we have in our community; and wow what a sight as the rain made things really awesome to see it everything sparkle! Below are various mushrooms pictures that I took as we came across them during our walk. Maybe with a few other members contributing the same it would be an interesting read in the newsletter at some time. Thank you.



Note from Editor: This is an official call for all members to send me your backyard and neighborhood flora and fauna photographs with descriptions. I'll create a feature as suggested by Robert with your submissions. In the meantime, check out older issues of the newsletter as far back as May 2017 on the **newsletter page of the HRC website** for past finds. Fungi were last featured in September and October 2020 issues.

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Nancy Norton Scholarship Oct. Deadline

The Historic Rivers Chapter (HRC) of the Virginia Master Naturalists work in conjunction with four other local organizations to provide scholarships to 5th-12th graders for Nature Camp. The scholarships provided by the HRC are named in honor of Nancy Norton, a well-loved member who was lost too soon due to cancer. Since 2013 the HRC has made a goal to provide 3-4 scholarships annually to students in grades 5-12.

Please spread the word to reach students that have an interest in nature and wish to spend two weeks in the mountains of Virginia at camp fostering an appreciation and love of nature with hands-on, field-based, experiential learning. The deadline for applications to be received is October 31st. Additional details and the application are available on our website historicrivers.org. The flyer for the 2024 scholarships is below.



BugFest Success!

By Claire White

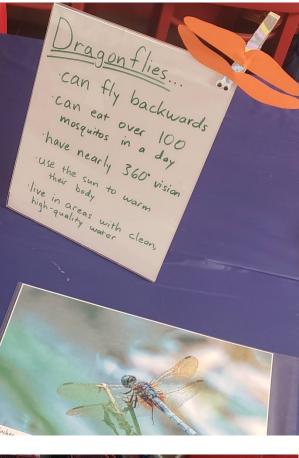
On Saturday, September 30th, Virginia Master Naturalists (VMN) shared insect specimens, crafts, nature apps, and information about our program with visitors to York County's 4th Annual BugFest at Grafton Middle School. The event highlighted insects of all kinds and a few arachnids. At the VMN tables wasp, beetle, cicada, and praying mantis specimens were highlighted along with the Seek by iNaturalist app. Kids had the opportunity to assemble clothespin dragonflies and customize their own slap/snap bracelet with bug stickers. Giveaways aincluded a handout with the custom "What Eats Mosquitos?" word search and "BugFest Hunt," as well as a variety of bug stickers and temporary tattoos. 87 children and 103 adults visited our space which stretched across 4 cafeteria tables.

York County Mosquito Control, Library, and Parks and Recreation did a great job organizing the event. Many different organizations were in attendance including the Colonial Soil and Water Conservation District and The Butterfly Society of Virginia. Marie Robertson and I co-lead and organized the crafts and displays on behalf of the Historic Rivers Chapter (HRC) Outreach Team, The HRC trifold display got an update with the new logo, regional map, and a few new laminated photos. Our new blue chapter tablecloth and state brochures were displayed proudly for the first time. Fun was had by members of both the HRC and Peninsula chapters of the VMN, as we invited Peninsula members to join us. Eleven VMN volunteered. HRC volunteers included Marie Roberston, Claire White, Jenny DeVasher, Jennifer Trevino, Sharon Plocher, Roxann Machamer, Pat Murphy, Kim Owens, Martha Moss, and Deena Obrokta. Peninsula Chapter volunteers included Javier Camacho and Amy Vinturella.



Photos above: Child displaying their customized slap bracelet (on wrist). Volunteers Sharon (left) and Roxann (right) smiling while peeling small metallic bug stickers and transferring them to the edges of containers so kids could easily choose and adhere their bugs of choice on their slap bracelets.
Photo below: Dragonfly craft station with vibrant colors and photos set up and ready for visitors at 10am.







If you're interested in creating a children's craft or helping to organize an event contact MJ O'Bryan and Jen Harrigan, co-chairs of the Outreach Committee, with your ideas. The Collection and Resources (CAR) items, currently stored in Jennifer Trevino's garage, are wonderful resources for engaging the public. The next outreach event will be on Saturday, October 28th at Yorktown Market Days

Pictured (counterclockwise from top): (1) Dragonfly facts at craft station with sample clothespin dragonfly, (2) Martha Moss with specimens next to Seek display, (3) Kim Owens and Deena Obrokta ready for shift, and (4) HRC trifold display with updated images.





The **Virginia Master Naturalist** Program is a statewide corps of volunteers providing education, outreach, and service dedicated to the beneficial management of natural resources and natural areas within their communities. Interested Virginians become Master Naturalists through training and volunteer service. The program is jointly sponsored by seven state organizations and based in the Department of Forest Resources and Environmental Conservation within the College of Natural Resources and Environment at Virginia Tech.

Learn more about our chapter at historicrivers.org

The Naturalist is the monthly newsletter of the Historic River Chapter (HRC) of Virginia Master Naturalists. Other organizations may not publish material from the newsletter without express permission from the chapter. Newsletter contributions should be emailed to **HRCeNewsletter@gmail.com** by the end of the month. If you have a submission in the works, please notify the newsletter editor. Photos should include concise captions and credits to photographer(s).



HRC Executive Committee

President Connie Reitz

Vice President/Programs Chair Shirley Devan

Secretaries Barb Neis Janet Curtis

Treasurer Adrienne Frank

Additional Board Members

Immediate Past President Ricklin Brown

Historian/Publicity/Media Deborah Humphries

At-Large Members Nancy Barnhart Shan Gill Bill Harper Janet Harper

Chairs of Standing Committees

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Basic Training

Shirley Devan Barbara Neis Jennifer Trevino

Volunteer Service Projects Jennifer Trevino

Continuing Education Barb Creel

Education and Outreach MJ O'Bryan Jennifer Harrigan

Newsletter Editor Claire White

Field Trips Sherry Brubaker

Hospitality Donna Benson Marie Robertson

Appointed Committees & Teams

Risk Management Team Roger Gosden Patty Maloney

Better Impact Contact Judy Jones

Collections & Resources (CAR) Jennifer Trevino

Diversity, Equity, & Inclusion (DEI) Adrienne Frank

Basic Training (William & Mary Coll of the Wild) Linda Morse

Webmaster Jeanette Navia

Chapter Advisors

Megan Thomas, VA DWR John Gresham, VA DCR

This month's bonus pic is a large insect specimen from CAR storage. It's a female Hercules Beetle (Dynastes Tityus) that was on display at the HRC booth during BugFest.

