Eagles Mere Conservancy Newsletter

Issue Number 40

PRESERVATION ~ EDUCATION ~ RECREATION

May 2023

Summer Highlights

SPRING WORKDAY May 27, 9am @ The Cabin

FRIENDRAISER July 28, 6pm @ The Dell

SMOKEY BEAR July 7 & August 11, 10am @ The Cabin



Our sincere thanks to the Eagles Mere Foundation for a grant to support the Forest Restoration Project.

PRESIDENT'S LETTER 2023

Dear Friends,

Happy Spring! I hope you are looking forward to summer and getting to Eagles Mere as much as I am.

I thank the dedicated volunteer board members who run our Education, Forestry and Trail programs, as well as our tireless Property committee for their willingness to go above and beyond to make sure young and old enjoy our programs and our protected open spaces. I am also excited that Debbie and Rose are back with us this season.

This winter has been a busy one for the board as we grapple with forestry restoration projects (specifically tree issues) as well as opportunities to add to our land portfolio and trail maintenance expenses. This summer we intend to refurbish and restore the Nature Trail by the Cabin. Unlike our completely "wild" trails, this one has musical instruments, bridges and benches along the path and a carved archway – all of which now needs our loving care.

As always, we rely solely on donations from individuals like you to meet our budget. When there are extraordinary expenses, we must put out a call for increased support and have always been so grateful for the generous response. If you would like to hear more about restoring the Nature Trail, or would like to help, please let me know – we would be thrilled with your support.

I am heading into my last summer as Board President – I have been at the helm for 6 years now, and have enjoyed my tenure immensely. I've always believed that one sign of a good board member is that they find their own replacement when they leave and I have done that!

Lori Faeth is going to take over in August, and I'm thrilled that she said yes and pledge to work alongside her as long as she needs me during the transition. I will close with her words: *"Eagles Mere has been a big part of my life since my parents bought Bee Hive cottage in the mid-*70s. It is where our family gathers, where my heart is and I cherish every moment I spend "on the mountain." I am a life-long conservationist who spends a lot of time on the Conservancy trails and am grateful for the important role the Conservancy plays in protecting the natural resources that make our community so special."

See you on the mountain! *Cece*



Hoo's-who in the Conservancy

Executive Committee

President – Cece Estey King Vice President – Kathy Holmes Secretary – Barbara Story Treasurer – Dave Stoeffel

Directors

Cynthia Bartus John Brownback Robin Dickinson Lori Faeth Brad Fetrow Jan Johnson Jeff Klemens Margaret Liegel Barb Powers Lorraine Scaven Anne Storch Pete Swinick Steve Thompson

Consulting Forester Steve Jaquith

Administration Kassandra Moore

Environmental Educator Debbie Geist Assistant Educator Rose Rowe

Contact the Conservancy Telephone Cabin: 570.525.3723 Email conserve@epix.net Website www.eaglesmereconservancy.org Facebook @eaglesmereconservancy

> **Conservancy Cabin Hours** June 23rd – August 19th 9:00 am – 4:00 pm

What an Impact You Make

Our sincere thanks to all of you who continue to financially support the Eagles Mere Conservancy. Your dollars provide the nature-based educational programming for children and adults in the community, preserve the land in and around Eagles Mere and provide recreation opportunities for everyone. One of the most wonderful parts about Eagles Mere is the haven it creates for families, specifically children and grandchildren. The programming for children is not only fun but a great learning experience. Your gifts of support allow all this to happen.

In 2022, we raised \$128,342. That is an increase of \$31,455 from the previous year. Many of those gifts were in memory of an "Eagles Mere-ian" who loved nature. We rely on your support and hope that each year we will garner new donors who will value our mission. Each year we have an ambitious list of projects and programs that need funding. Consequently, your support helps us move forward with these projects.

There are many ways to give to the Conservancy besides cash and marketable securities: gifts of real estate, life insurance, gifts from IRAs, bequests, grants from donor advised funds and trusts, and corporate matching gift programs. All of these ways of giving are relatively easy and straightforward. Please consult with your lawyer and/or financial adviser about any questions you may have about initiating these ways of donating. You can also give a membership in honor or in memory of a loved one.

Thank you again for your generous and thoughtful support. Without your help, we would not be able to maintain our programs and the beauty of our beloved Eagles Mere. If you have any questions about donating, please contact Anne Storch at 215-327-9561.

Anne Storch

Gifts this past year were given in honor of/in memory of:

Alice Weeman John Hirsch Rita Freeland Newt Pendleton Susanne S. Hinrichs Jesse Brownback Paul Brass Ashley Shannon and Sean Tully



Finance Committee Treasurer's Report

In 2022 the Conservancy generated over \$110,000 in revenue from individual donations, an Eagles Mere Foundation grant, and our annual Friendraiser in The Dell. This income plus accumulated surpluses over recent years enabled us to maintain and protect our landholdings as well as provide educational programming for our wonderful community this past year.

We spent approximately \$16,000 on Education Programs, about \$6,000 on Publicity and Fundraising, and another \$12,500 on Administration, including accounting, insurance, and property taxes. Most importantly, The Conservancy invested over \$36,000 in Property Preservation which includes all our trails, buildings, the Village Green, Forest Inn, removal of dead trees and invasive plants as well as planting of new trees and shrubs. Additionally, we added to our reserves for potential future land acquisitions.

We have an ambitious list of projects and programs scheduled for 2023 which will depend upon the continued, generous support of our loyal donors and hopefully, many more new donors as well.

Dave Stoeffel

Notes from the Cabin

It's that time of the year in which we wonder how the seasons passed to bring us to our favorite time: summer. Our calendar is chock full of the programs you love, along with some new offerings. Bug Olympics is back for those of us who love having fun with insects. (Good news for parents of littles.) All of our weekly programs will start at 10:00 am to avoid conflicts with tennis. We will still have Nature Art on the Beach, Tuesdays at 2:00 pm. There are several events that will be held at the DeWire Center on Tuesdays at 7:00 pm. We have planned a little earlier this year to help with the little ones and their bedtimes. Rose will also be back to lead programs on Sunday and Monday.

We are very excited to tell you that we have added a few new weekly programs to our calendar. My favorite is Junior STEAM, which is geared towards kids Pre-K to 4th, but all are welcome. There is no better way to introduce youngsters to the world around them than with hands-on projects challenging them to work together to solve problems and save the Earth. Be sure to check out the dates and times for each of the programs.

This past September, all of the students in Sullivan County Elementary school participated in what we hope will become an annual event. We called it EMC Days and it was a fantastic opportunity for kids to do some outdoor learning. The P.T.O. provided bus transportation, the Eagles Mere Air Museum provided shirts for all of the 6th graders and staff, and EMC provided wristbands for everyone to remember the day. Students were able to pick from eighteen different "stations" around the Cabin, pond, and Nature Trail. While teachers and parents chaperoned on two separate days, 6th grade students were the leaders and teachers for their stations. They were in charge of creating lessons for their location and leading the learning while on the property. They then went into their grade classrooms to present their lessons, working side-by-side with mentor teachers. So many local families had never even heard of the Conservancy and now plan on visiting us this summer.

Deb Geist

EM CONSERVANCY MISSION STATEMENT

The Eagles Mere Conservancy preserves natural resources through land acquisitions for water and soil conservation, wildlife sanctuary and refuge, and preservation of scenic beauty in Eagles Mere, PA and the surrounding area. The Conservancy promotes educational and recreational programs to support its preservation mission and to encourage an understanding, appreciation and responsible stewardship of natural resources. The Forest Stewardship Committee has a number of projects we are undertaking in 2023.

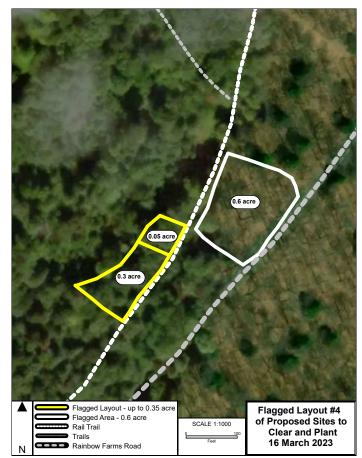
Most of these will extend for multiple years, as is normal for forestry projects. For some of these efforts, we are hoping to get volunteers from the community to help out. This year we expect to be wrapping up the planning and initiate efforts on a series of small-scale projects.

The "adopt an open area" program has successfully enlisted teams for three of the six areas we identified where we want to remove invasive plants and create an enhanced habitat for wildflowers and song birds feeding on insects. We still have three areas where we are looking for teams to solidify and initiate the vegetation transition efforts. Thank you to the three teams who have committed at this time: Tom and Laurie Burkholder for the Route 42 strip at the entrance to the cabin and grounds; Dave Stoeffel and extended family for the field in front of the DeWeese restoration area: and Lori Faeth and friends for taking on the target area at the old Forest Inn grounds. Remaining are two areas along the Rail Trail in the area where the Rainbow Trail crosses, and a large area behind the DeWeese fence which is full of hay-scented ferns. This program is being led by Dave Stoeffel; please contact him if you would like to be involved.

Also, this year we are undertaking a forest revitalization effort on a small scale. Originally this effort was designed to be a "demonstration" effort that our members and guests could observe from a short stretch along the Rail Trail. After many iterations of design, we have decided to change to a much higher visibility area along the Rail Trail. This spring (if not already completed) on both sides of the trail across and adjacent to the DeWeese restoration area we will be cutting and removing the dominant beech saplings and striped maples from these areas, leaving selected larger trees to grow and wood chips to decompose. The objective is to open up the canopy for plantings next spring. This fall, we will treat the undergrowth and beech regrowth. In the spring of 2024, we will need many volunteers to help with planting. Both evergreens (spruce and pine) and hardwood trees (red oak, tuliptree, basswood) will be planted, as will shrubs such as nannyberry, arrowwood, spicebush, serviceberry).

While small area projects help with localized diversity, the major challenge to our 380+ acre forest holdings are the continued decline of the hemlocks and the beech trees. Over the next 2-3 years a master plan for large scale efforts to replace these species with alternatives will be completed with the help of our consulting forester, Steve Jaquith. Part of the planning which may be implemented during this planning phase is the selective thinning of unwanted trees to enhance development of favored trees in the two formerly fenced areas, one along Rainbow Trail and the other behind the park off Mineral Springs Road. These were roughly 35 acres and 7 acres in size. The successful natural regeneration of trees that the deer would normally have eaten now needs thinning to reduce overcrowding.

Finally, our student research efforts are continuing under the tutelage of Jeff Klemens. One student is studying the flying squirrel population locally. His first year (last year) was spent observing the squirrels and designing a feeding station that includes a camera and a DNA sampling design. This summer, they will be setting up these stations in the Conservancy woods and monitoring the two



types of flying squirrels we have as they interact. This research is actually some of the only research being performed on this species interaction.

The Forest Stewardship Committee is happy to welcome anyone who has a passion for the woods and would like to be involved in its overall management. You do not need to be a Board member to be on the committee and participate. Please contact the Committee Chairperson – Pete Swinick – or any Board member if you would like to get involved.

Pete Swinick and Steve Jaquith

Greeting from the Trails

Greetings from the Trails Committee Co-Chairs, Steve Thompson and Cynthia Bartus!

We are excited for some warm weather, green trees, and thawed trails. Keep an eye out for scheduled hikes over the summer in and around Eagles Mere. We enjoyed a beautiful Saturday outing to Angel Falls last summer.

Trail maintenance projects are always ongoing. This summer's projects include re-blazing trails, improving trail drainage, and litter removal. Volunteers are always welcome. This is a great



opportunity to log community service hours students may need!

For the continued beauty and safety of our trails, please remember to take out what you bring in. There are no trash cans on the trails. If you can carry it in, you can carry it out. If your trash bag goes missing in the middle of the night, one of the Eagles Mere bears may have gotten to it. We have asked the bear(s) to clean up after themselves, but so far, to no avail. If your trash is borrowed by one of the bears, please enjoy a nice hike and pick up any trash you see.

If you are interested in leading hikes, participating in hikes, or helping with trail maintenance, please contact us (<u>cbartus@gmail.</u> <u>com</u>) as we work on the summer schedule.

Please remember the Conservancy trails are for walkers/hikers/runners ONLY. Bicycles are NOT permitted except for the Rail Trail. No motorized vehicles whatsoever on any trail.

"And into the forest I go, to lose my mind and find my soul." - John Muir

Cynthia Bartus and Steve Thompson

Program Committee

Lots of effort and ideas have been gathered to offer you an exciting program lineup for this summer. You will find old favorites and inventive new adventures on the schedule.

We thankfully welcome back to the Cabin, Debbie Geist and Rose Rowe. They are both looking forward to seeing all of you this summer.

Several programs were unable to have definite dates by the newsletter deadline, so watch for information on a bird walk with Doug Gross, a Plein Aire program, making your own Hypertufa pot for your plants (Succulents love them) and more fun "pop up" opportunities.

Join Beth Jones, a certified nature and forest therapy guide for a meditation walk. Beth will lead a slow, sensory nature experience, combining nature exposure with the benefits of meditation. You are invited to take your time to experience your surroundings with the group and on your own, and then returning to share with the group. The experience will end with a tea ceremony from foraged items along the way.

Monday, June 26th 10:00 am – 12:30 pm. Limited to 15 participants, ages 12 and older.

Please register with Robin Dickinson at <u>sptchr50@</u> <u>aol.com</u>

Some new letterboxes have also been added to the trails so get ready to head out and have a wonderful summer.

Communications Corner

Let's stay connected! As we gear up for another exciting summer on the mountain, be sure to check our local Nextdoor site for the latest updates on events, hikes, and volunteer opportunities. We have lots of awesome activities on our schedule plus several great projects planned and would love to have you join us.

Not on Nextdoor yet? Now is the time to get yourself signed up.

We also can be found on Facebook and Instagram.

Our summer schedule of activities, as well as a digital copy of this newsletter can be found on our website: eaglesmereconservancy.org

Lorraine Gilmore Scaven

Thank you to all the folks on the committee. See you on the mountain.

Robin Dickinson



Bocce Court

Coming soon to the lawn of the Forest Inn is the game of bocce! Thanks to the generosity of **JSPlank & DMDiCarlo Family Foundation**, a court is being installed not far from the current shuffleboard location. Equipment will be stored on site for all members of the EM community to enjoy. Dana and her children have enjoyed watching people gravitate to multi-gen family time at the shuffle board courts that she refurbished a few years ago and hope that a new bocce court will add even more easy going fun to the Conservancy space in the Park. Dana loves the game because teams of varying ages can play together with equanimity.



Did you know.....

- Bocce is played by more than 25 million people in the US alone
- Bocce is the third most popular sport after soccer and golf
- Bocce was played as early as 264 B.C. in Rome
- George Washington installed a bocce court at Mount Vernon

ELECTRIC VEHICLE CHARGING STATION

Thanks to the Eagles Mere Historic Village and the Eagles Mere Conservancy, an EV charging station is now located at the Village Green. The station is available for all to use.

Invasive Plant Species

From the North Carolina Extension Gardener Plant Toolbox:

Dame's rocket (Hesperis matronalis) introduced in wildflower mixes; in some areas, has been present at low levels for many years but is now spreading aggressively like its mustard family relative, garlic mustard. Dames' Rocket is often mistaken for a native wildflower and is included in many 'native' wildflower mixes. It originated in Europe but was brought over by early settlers. It has become highly weedy and is often found in open woodlands, prairies, roadsides, ditches, and other disturbed areas where it crowds out native plants. It will grow well in average, well-drained soil

in full or partial sun. However, once planted it may be difficult to get rid of due to heavy overseeding. It is a biennial or shortlived perennial with foliage only for the first year before blooming



in the second year. Hesperis comes from the Greek word 'hespera', meaning evening, due to its evening fragrance.

From the Nature Conservancy:

Garlic mustard (Alliaria petiolate) is a threat to the biodiversity (the variety of life on Earth and in a habitat) of many native ecosystems. Garlic mustard is a very invasive weed. The roots exude a chemical that inhibit

other plants from growing, and it can grow in full sun or full shade, making it a threat to a wide variety of our native plants and habitats. Each plant can produce up to 5000 seeds which remain viable in the soil for five years or



more. Crushed leaves smell like garlic.

Thanks to Claudia Leo for sharing her knowledge of these invasive species. **Barbara Story**

au gratin potatoes w/ cherrywood bacon & ramps

Submitted by Mimi Engel, former chef/owner of The Door on Main.

Look around Eagles Mere \sim you'll be surprised where you can find ramps, aka wild leeks \sim just do a teensy bit of research about how to harvest them sustainably.

Ingredients:

- 2/3 c -1 c heavy whipping cream
- 5 tbsp good, unsalted butter
- 1/2 c cream cheese
- 1/2 c sharp cheddar*
- 1/2 c smoked gouda*
- 1/8 tsp freshly grated nutmeg
- 1 tsp freshly ground black pepper
- 1/8 tsp cayenne
- 12 whole or 16 tops smallish ramps**
- 1 & 1/2 lbs of russet potatoes
- 6 oz cherrywood bacon
- 1. Cook the bacon until crispy & set aside on a paper towel
- 2. Cube the cream cheese (easier if very cold) & grate your other two cheeses
- 3. Thinly slice your ramps with a sharp knife
- 4. Very thinly slice your russets with a mandolin or food processor
- 5. Heat 2/3 c heavy whipping cream & 4 tbsp butter in medium saucepan
- 6. Add in cubed cream cheese & grated cheese & stir/whisk until all is melted & smooth
- 7. If cheese mixture becomes too thick, gently reheat right before using & stir in more cream
- 8. Remove from the heat, stir in the nutmeg & the black pepper
- 9. Preheat your oven to 350°
- 10. Use last tbsp of butter to grease 8 x 8 pan
- 11. Crumble the bacon
- 12. Layer 1/3 of the potatoes, 1/3 of the ramps, 1/3 of the bacon crumbles & 1/3 of the cheese sauce in the pan
- 13. Repeat twice more
- 14. Cover & bake for 1 hour & 10 minutes
- 15. Uncover & bake for 20 to 25 minutes longer
- 16. Your casserole should be brown & bubbly, & the potatoes, easily pierced with a fork when ready
- 17. Allow it to rest 10 15 minutes

* check out Trostle's Dairy Farm for locally sourced sharp cheddar & Bare Bones BBQ for some locally smoked gouda ~ both are in SulCo & both can be found on fb

** if locally sourced ramps just aren't in the cards for you, but this sounds delicious & you really wanna make it, just substitute 1 very thinly sliced Vidalia & 2 diced shallots for the ramps

Property Committee

Greetings from the Property Committee. We have been busy over the last year with many projects aimed at enhancing everyone's experience on the mountain. Refurbishment of the Cabin has begun with the rechinking of the south wall and repair of masonry on the chimney. We anticipate the completion of the rechinking this spring. This has been made possible by the generous support of the Godley Family, and we extend a big thank you to them.

We continue to work with the borough and Lake Association on the run off project in the area of Clay Avenue and the Village Green. Unfortunately, funding for the entire project could not be procured in the first round, so the scope of the project was limited to part of Clay Avenue and Lake Association land at the bottom of Clay Avenue. This meant the Green, which is owned by the Conservancy, was not included but we are hopeful to participate in the second round as Dave Carson continues to work with the State to obtain additional funds to complete the entire scope of the project.

At the Forest Inn property, a Bocce Ball Court will be built this spring near the shuffleboard court thanks to a generous donation by from the Plank/ DiCarlo family.

Improvements are also planned for the Rainbow Cottage which is a residence we use to house visiting program directors. We also make it available to other non-profits in Eagles Mere for their visiting artists and guests.

Upgrades to the Nature Trail around the Cabin will be the focus of our Spring work day. Everyone is welcome to join us on that day to help prepare the Conservancy properties for the upcoming season. Our work day is scheduled for May 27th at 9:00 a.m. Anyone interested in helping out, please meet at the Cabin for assignments. Please remember to bring gloves. We usually wrap up around noon.

On a final note, a big thanks to Pete Swinick and his ad-hoc crew for addressing the fallen deer fence around the DeWeese Restoration Area. As you enjoy our land and facilities, whether it's the Green, the Dell, the Forest Inn, the Cabin, the Nature Trail, the DeWeese restoration area, or one of our many hiking trails, please let us know of any concerns or maintenance needs you may observe. You can simply send any notes to conserve@epix. net. Also, we're always looking for volunteers to



help address these issues as they come up. If you would be interested in being part of the team that is occasionally needed to address small maintenance issues as they arise, please let us know. Enjoy your summer!

Brad Fetrow

The EMC Board is happy to share the following letter from our intern and scholarship recipient, Anastasia.

I graduated with my Bachelor's degree in Environmental Science (with a minor in Data Science) from Juniata College in December with a 4.0 GPA. I am currently finishing up a research project that I started last summer during the Drawdown Scholars REU Program at Penn State, which turned into my senior capstone at Juniata. We are analyzing differences in plant communities surrounding irrigation canals and rivers in the High Atlas Mountains of Morocco. I wanted to say thank you for getting me started in research while I was in high school. When I first joined the Conservancy at the cabin to participate in the Citizen Scientist program, I had no idea what wonderful opportunities were ahead of me with Conservancy in the years to come. I have learned so much from everyone that helped me along the way. The skills that I learned - attention to detail, plant identification, study design, technical writing, and many more - were so valuable during my time in undergrad. To Pete Swinick, I would like to thank you specifically for your mentorship while I was a student researcher at the conservancy. You taught me how important it is to be detail oriented and put 100% into my work. You also showed me that everything we were researching had real applications, and this made me passionate about the work I was doing. Sparking that passion within me for discovering more about the environment and applying that knowledge to make greener decisions is something that I will always be grateful for.

Besides the research skills that I learned, I also witnessed the commitment that people involved with the Conservancy have towards the environment and teaching people about the natural world. When I first became involved with EMC, Irene took me out onto the trails and taught me about plant identification for the scavenger hunt brochure. Her love for nature is so genuine, from the tallest tree to the smallest insect. Through our interactions, I was taught to see the beauty and importance of all of Earth's creatures. I also learned how to teach people about the environment when I was an assistant educator with Debbie. She gave me the skills to communicate science topics in a way that is accessible to people of all ages and backgrounds, sparking interest in them. During our programs, I saw the way that a child's eyes will light up when they are given the opportunity to learn about nature at a level that is appropriate for them. Having these interactions with EMC members and visitors showed me that there are so many people from all walks of life that are committed to taking care of the Earth, and this passion can be passed onto others!

I would also like to say thank you to EMC for the financial support during my time at Juniata College. I was able to participate in research opportunities, take advanced environmental science classes, interact with professionals in the field, and even find an additional passion of mine - data science!

Because of your support, I have had so many amazing experiences and can go into the next chapter of my life with a better understanding of myself and the world!

Thank you, Anastasia Miller



2023 Eagles Mere Conservancy Summer Programs Schedule

All children 5 and under must be accompanied by an adult. **All programs begin at 10:00 am at the Conservancy Cabin** unless otherwise indicated. Cabin Hours: **Open Daily** from **9:00 am – 4:00 pm** All Conservancy programs are **free and open to the public**.

JUNE

6/23 Friday, 10:00 am-11:15 am. STEAM. Intergenerational. Experience the design process and create a mosaic made with *LEGO DOTS*. Your challenge is to create something seen in nature. Your mosaic will be displayed throughout the summer season for all to see. Cabin, Debbie.

Friday, 10:00-4:00 pm. MEET YOUR CONSERVANCY. Intergenerational. Opening Day EMC: You can explore the Conservancy's Godley Cabin; tour the nature trail and its offerings, including the popular instruments in the woods; see a woodland restoration area; enjoy our two new Storybook Walks along the Margaret Estey Trail (*Over and Under the Pond-* In memory of Alice) out to the Commons and Nature Walk Trail (*The Salamander Room-* In memory of Newt). Join us to discover the many attractions the Conservancy has to offer. Cabin, Debbie.

6/24 Saturday, 10:00 am-11:00 am. ENVIROTHON 101: Intergenerational. Play with the Enviroscape model. See how pollution can affect the water in your neighborhood. Cabin, Debbie.

6/25 Sunday, 10:00 am- 11:30 am OWL FORENSICS. 5th–8th grade. Explore Barn Owl biology by dissecting owl pellets. Owl pellets are regurgitated masses of undigested food; they give scientists valuable clues about the owl's diet and ecosystem. Cabin, Rose.



6/26 Monday, 10:00 am-11:15 am. POLLINATOR POPS. Children and adults will enjoy learning about the importance of pollinators in the garden. Everyone will be able to select seeds for their own personal pollinator pop. Feel free to *bee* creative! Intergenerational. Cabin, Rose.

6/26 Monday, 10:00 am – 12:30 pm. MEDITATION WALK. Beth Jones, a certified nature and forest therapy guide will lead a slow, sensory nature experience, combining nature exposure with the benefits of meditation. The experience will end with a tea ceremony. Limited to 15 participants, ages 12 and older. Please register with Robin Dickinson at sptchr50@aolcom

6/27 Tuesday, 10:00 am-11:00 am. (Cabin, Debbie) and 2:00 pm-3:00 pm(Beach, Debbie) NATURE ART. Intergenerational. Learn about the Earth's "spheres" and create a paper model that you can take home.

Tuesday, 7:00 pm- 8:00- 9:00. DEWIRE CENTER. Join the Sullivan County Conservation District's *Pollinators* program led by Lynn Brochart. She will be discussing what we can be done in Sullivan County to help struggling species.

6/28 Wednesday, 10:00 am- 11:15 am. TRAILS and TALES. Pre-K to 4th but all are welcome. Listen to the story, *Giraffes Can't Dance.* While exploring the concept of sound, you will demonstrate how Cricket uses a string instrument, which works by making strings vibrate, and then make an instrument of your own musical instrument. Cabin, Debbie.

6/29 Thursday, 10:00 am-11:15 am. Junior STEAM (Concept: Geometry: Measurement & Data). Pre-K to 4th but all are welcome. Listen to the story, *Ellie*, and become an architect and design a Zoo animal enclosure for a Zoo animal. We will share our designs and compare perimeter and area. Cabin, Debbie.

6/30 Friday, 10:00 am-11:15 am. STEAM. (Concept: Engineering and Team-work) Intergenerational. Come with a partner or three and see if you can make a cup tower without using your hands. Are you up for the challenge? Cabin, Debbie.

JULY

7/01 Saturday, 10:00 am- 11:15 am. GNOME HOMES. Intergenerational. Build a home or village for a gnome using dry woodland materials FOUND ON SITE. Construction sites will be carefully selected and environmental impact considered. Our structures will be there for all to see along the railroad bed. Cabin, Debbie.

Saturday, 2:00 pm- 3:00 pm. ENVIROTHON 101: Intergenerational. Play in the sand of a stream table. Set up different scenarios to see how water flows and moves. Cabin, Debbie.

7/02 Sunday, 10:00 am.-12:00 pm. "OH DEER!" OUTDOOR GAME. Come play "Oh Deer" with us! A herd of deer try to survive in the PA wilderness by collecting "resources" from their habitat. We'll also learn about wildlife population and carrying capacity. Grades 6-8, but players of all ages welcome. Cabin, Rose.

7/03 Monday, 10:00 am. Intergenerational. TBD - Check Facebook and the Eagles Mere Conservancy website for updates. Cabin, Rose.

7/04 Tuesday, 10:00 am -11:00 am. (Cabin, Debbie) and 2:00 pm-3:00 pm (Beach, Debbie) NATURE ART. Intergenerational. Learn about flowers and create a pollinator tissue-paper flower to give to your special "honey bee."

7/05 Wednesday, 10:00 am-11:15 am. TRAILS and TALES. Pre-K to 4th but all are welcome. Listen to *Over and Under the Pond*, learn about the pond's ecosystem, and create your very own bead board to help strengthen number visualization skills. Cabin, Debbie.

7/06 Thursday, 10:00 am-11:00 am. (Cabin, Debbie) and 2:00 pm-3:00 pm (Beach, Debbie) Nature Art. Intergenerational. Does nature call with this craft? Come make a lil' critter with a toilet paper cardboard tube used to answer this call of nature.

7/07 Friday, 10:00 am-11:15 am. SMOKEY BEAR AND FIRE PREVENTION PROGRAM. Intergenerational. After an informative program on fire prevention and the methods used to fight forest fires, everyone's favorite bear will pay a visit. Don't forget your camera! Intergenerational. Cabin, Debbie.

7/08 Saturday, 10:00 am-11:15 am. THE HIDDEN WORLD OF THE OUTLET POND. Intergenerational. You've walked around it, canoed on it and maybe even skated across it. Now come meet some of the fascinating critters that live IN it. Using dip nets we'll explore the edges of the pond to see what we can catch. Microscopes will be provided for close-up views. Cabin, Debbie.

7/09 Sunday, 10:00 am-11:15 am. BUG HOTELS. Use recycled materials like cardboard and old magazines to build a bug hotel! We will also talk about beneficial insects and the best place to hang your finished hotel. Intergenerational. Cabin, Rose.

7/10 Monday, 10:00 am-11:30 am. NATURE JOURNALS. Craft your own journal from recycled materials! Choose the size and shape, decorate it and take it home. Perfect to use as a sketchbook, planner, or field journal. For naturalists of all ages. Intergenerational. Cabin, Rose.

7/11 Tuesday, 10:00 am-11:00 am. (Cabin, Debbie) and 2:00 pm-3:00 pm (Beach, Debbie) NATURE ART. Intergenerational. Not only does nature call with this craft but come make a lil' critter with a toilet paper cardboard tube used to answer this call of nature.

Tuesday, 7:00 pm -8:00. DEWIRE CENTER. BIRDS OF PREY. Carbon County Environmental Education Center is back with some very special live guests. Don>t miss the opportunity to meet and learn about these often misunderstood and very beneficial animals. DeWire Center, Debbie.

7/12 Wednesday, 10:00 am-11:15 am. TRAILS and TALES. Pre-K to 4th but all are welcome. Listen to the story *Moon Bear's Shadow* and partake in a science activity that combines the concept of light with the path of the sun across the sky, by engaging children in the phenomenon of shadows. Cabin, Debbie.

7/13 Thursday, 10:00 am-11:15 am. Junior STEAM. (Concept: Engineering and Design: Forces and Interactions) Pre-K to 3rd. Listen to the story *Peg + Cat, The Race Car Problem* and explore the concept of force and motion by engineering a race car. Cabin, Debbie.

7/14 Friday, 10:00 am-11:15 am. STEAM. (Concept: Force and Motion) Build a racing car out of K'nex and test its speed using the power of air. Intergenerational. Cabin, Debbie.

7/15 Saturday, 10:00 am-11:15 am. ENVIROTHON 101: Intergenerational. Gain a better sense of direction in three dimensions with an exploration of topography-related concepts. We will investigate how elevation and landforms are represented on contour-relief maps. Cabin, Debbie.

7/16 Sunday, 10:00 am. Intergenerational. TBD - Check Facebook and the Eagles Mere Conservancy website for updates. Cabin, Rose.

7/17 Monday, 10:00 am. Intergenerational. TBD - Check Facebook and the Eagles Mere Conservancy website for updates. Cabin, Rose.

7/18 Tuesday, 10:00 am-11:00 am. (Cabin, Debbie) and 2:00 pm-3:00 pm. (Beach, Debbie) NATURE ART. Make a nature inspired window decoration that will blend your artistic creativity and love of nature together. Intergenerational. **7/19** Wednesday, 10:00 am-11:15 am. TRAILS and TALES. Pre-K to 4th but all are welcome. Join us for a walk to the musical instruments to hear that sound can make matter vibrate and vibrating matter can make sound. We will be reading the book *Drum City* and creating loud and soft sounds using regular items. Cabin, Debbie.

7/20 Thursday, 10:00 am-11:15 am. Junior STEAM (Concept: Computer Science) Pre-K to 3rd. Listen to the stories *Lovabye Dragon* and *Evermore Dragon* and learn about a unique friendship. Kids will develop programs with sequences to address the problems that this friendship faces. Unplugged coding and Beebot will be used. Cabin, Debbie.

7/21 Friday, 10:00 am-11:15 am. STEAM. (Concept: 2-D versus 3-D shapes, Area and Perimeter) Intergenerational. Use K'nex toys to create 2-D and 3-D squares and learn how to calculate the area and perimeter of your build. Cabin, Debbie.

7/22 Saturday, 10:00 am-11:15 am. ENVIROTHON 101: WILDLIFE. Learn about different animal pelts, tracks, and skulls. This hands-on activity will allow you to be "one" with wildlife without the worry of getting bit. Intergenerational. Cabin, Debbie.

7/23 Sunday, 10:00 am.-12:00 pm "OH DEER!" OUTDOOR GAME. Come play "Oh Deer" with us! A herd of deer try to survive in the Pennsylvania wilderness by collecting "resources" from their habitat. We'll also learn about wildlife population and carrying capacity. Grades 6-8, but players of all ages are welcome. Cabin, Rose.

7/24 Monday, 10:00 am-11:30 am. TRUFFULA FOREST MANAGEMENT. We all remember Dr. Suess's story about the Lorax and the Onceler. Imagine what might have happened if the Truffula Forest had been managed by a forester! In this activity groups of three or more will get a chance to prepare an ecosystem managed by a been in a mind malletien.

management plan, keeping in mind pollution, animal migration, and Truffula growth rates. Grades 5-8. Cabin, Rose.

7/25 Tuesday, 10:00 am-11:15 am (Cabin, Debbie) and 2:00 pm-3:00 pm (Beach, Debbie) NATURE ART: Come learn about patterns and spiders. We will create our own spider's web that you can hang on a tree in your yard and watch them twirl around in the wind. Intergenerational. Cabin, Debbie.

7/26 Wednesday, 10:00 am-11:15 am. TRAILS and TALES. Pre-K to 4th but all are welcome. Listen to the story *The Next Time You See a Sunset* and learn how Earth's rotation on its axis causes day and night. This is followed by an activity to reinforce learning about Earth-based and space-based perspectives. Cabin, Debbie.

7/27 Thursday, 10:00 am-11:15 am. Junior STEAM. (Concept:Counting & Cardinality (number of items in a given mathematical set)) Pre-K to 3rd. After listening to the story *Ten Black Dots* children will order train car cards, using dot images to engage them in counting and see how these dots can be used to represent



objects in images. Using a specific number of black and colored dots, they can represent an image of their choice for a take-away art piece. Cabin, Debbie.

7/28 Friday, 10:00 am-11:15 am. STEAM. (Concept: Simple Machines). Intergenerational. Learn about simple machines (wedge, inclined plane, screw, levers, pulleys and wheel and axles) and then recreate a few using K'nex. Cabin, Debbie.

7/29 Saturday, 10:00 am- 2:30 pm. RIDE THE RAILS. Intergenerational. Grab a bike or take a jog with a lil' biker and earn ice cream from the Sweet Shop while enjoying the Railroad Bed trail from the Cabin to Casino Drive. Each way will earn scoops. Cabin, Debbie.

7/30 Sunday, 10:00 am- 11:30 am OWL FORENSICS. Explore Barn Owl biology by dissecting owl pellets. Owl pellets are regurgitated masses of undigested food; they give scientists valuable clues about the owl's diet and ecosystem. Grades 5-8. Cabin, Rose.

7/31 Monday, 10:00 am-12:30 pm. ECO TIE-DYE. Learn about natural pigments and dyes while you create a one-of-a-kind bandana! You'll be shocked at the vibrant colors you can achieve. Children should be accompanied by an adult. Intergenerational. Cabin, Rose

AUGUST

8/01 Tuesday, 10:00 am-11:15 am(Cabin, Debbie) and 2:00 pm-3:00 pm (Beach, Debbie) NATURE

ART. Intergenerational. Create your own DIY Scratch paper and create a nature inspired piece of art to hang on the fridge.

Tuesday, 2:00 pm -4pm. Adult/ Older Teen. SPECIAL PROGRAM with Betsy B. and Robin D @ the Cabin) Come experience the process of making long lasting container that is wonderful for displaying rock gardens, succulents and more. It is called a hypertufa; a lightweight porous material that can be molded into shapes to dry.

Tuesday, 7:00 pm- 8:00. TBD - Check Facebook and the Eagles Mere Conservancy website for updates. **DEWIRE CENTER**, Debbie.

8/02 Wednesday, 10:00 am-11:15 am. **TRAILS and TALES.** Pre-K to 4th but all are welcome. Listen to the book *Too Many Carrots* and help the rabbit by building a boat to transport his crop to the local food bank across the river. Cabin, Debbie.

8/03 Thursday, 10:00 am-11:15 am. Junior STEAM. (Concept: Engineering Design) Pre-K to 3rd. After listening to



the story *On the Construction Site,* kids will build a house to provide shelter for a bear family using the appropriate building materials. Cabin, Debbie.

8/04 Friday, 10:00 am-11:15 am. STEAM: (Concept: Forces: Buoyancy and Gravity). Intergenerational. Build a paper boat and see how much mass it can hold before the force of gravity overtakes the buoyant force. Cabin, Debbie.

8/05 Saturday, 10:00 am-11:30 pm. BUG OLYMPICS. Intergenerational. Back by popular demand. Meet and learn about some beneficial local insects and the critical role they play in our environment and then let the games begin! Bug contestants will be collected ON SITE at the games (no pre-selected bugs, please!) Human participants will work in teams to find and enter their bug athlete. Medals will be awarded. Cabin, Debbie.

8/06 Sunday, 10:00 am-11:15 am BUG HOTELS. Use recycled materials like cardboard and old magazines to build a bug hotel! We will also talk about beneficial insects and the best place to hang your finished hotel. Intergenerational. Cabin, Rose.

8/07 Monday, 10:00 am.-11:15 am. SOLAR POWERED S'MORES. Learn about renewable energy while constructing your own *solar oven*. We'll show you how to construct one from common household materials, and how to use your oven to cook a s'more! Older kids can experiment with their own design. Intergenerational. Cabin, Rose

8/08 Tuesday, 10:00 am-11:15 am (Cabin, Debbie) NATURE ART: . Intergenerational. Learn about the phases of the moon, as seen from Earth. Using cream filled cookies, you will demonstrate the moon's phases and learn why we only ever see one side of the moon. Intergenerational. Cabin, Debbie

Tuesday, 7:00 pm-8:00 pm DEWIRE CENTER: CLYDE PEELING'S REPTILAND: THE RAINFOREST. Make sure to come and meet some of the rainforest animals, including a kinkajou, an arboreal mammal from Central and South America. Learn about the critical role the rainforests play in the health of our planet, and the challenges they face worldwide.

8/09 Wednesday, 10:00 am-11:15. TRAILS and TALES. Pre-K to 4th but all are welcome. Take a walk through the Nature Trail to hunt squirrels and then listen to the book *The Secret Life of Squirrels*. We will be addressing the concept of spatial relationships, maps, and positional words by navigating and mapping an obstacle course. Cabin, Debbie.

8/10 Thursday, 10:00 am-11:15 am. Junior STEAM. (Concept: Space Systems) Intergenerational. After listening to the story *Mae and the Moon*, we will address the concept of the Sun, Earth, Moon system and focus on the predictable pattern of the shape of the moon as observed in the sky and how it changes during the month. Cabin, Debbie.

8/11 Friday, 10:00 am-11:15. SMOKEY BEAR AND FIRE PREVENTION PROGRAM. Intergenerational. After an informative program on fire prevention and the methods used to fight forest fires, everyone's favorite bear will pay a visit. Don't forget your camera! Intergenerational. Cabin, Debbie.

8/12 Saturday, 10:00- 11:15. GNOME HOMES. Intergenerational. Build a home or village for a gnome using dry woodland materials FOUND ON SITE. Construction sites will be carefully selected and environmental impact considered. Our structures will be there for all to see along the railroad bed. Cabin, Debbie.

8/13 Sunday, 10:00 am.- 11:15 am POLLINATOR POPS. Children and adults will enjoy learning about the importance of pollinators in the garden. Everyone will be able to select seeds for their own personal pollinator pop. Feel free to *bee* creative! Intergenerational. Cabin, Rose.

8/14 Monday, 10:00 am-12:00 pm BIRDHOUSE PAINTING. Paint a birdhouse to take home and hang in the backyard! Learn about Pennsylvania birds that nest in cavities, and decorate a home for them. A family of wrens just might move in. Intergenerational. Cabin, Rose.

8/15 Tuesday, 10:00am-11:15 am (Cabin, Debbie) and 2:00 pm-3:00 pm (Beach, Debbie) NATURE ART. Create your very own tree person using different parts of the tree. We will be doing bark inspired bodies, branches for limbs and your very own face to be "one" with the forest. Intergenerational.

Tuesday, 7:00 pm- 8:00 TBD - Check Facebook and the Eagles Mere Conservancy website for updates. **DEWIRE CENTER**, Debbie.

8/16 Wednesday, 10:00 am-11:15. TRAILS and TALES. Pre-K to 4th but all are welcome. Take a walk down around the pond and listen to the story *Rainbow Fish* and participate in an activity where you become an architect and create your very own tissue-paper stained glass window. Cabin, Debbie.

8/17 Thursday, 10:00 am-11:15. Junior STEAM. (Concept: Space Systems; Patterns and Cycles). Pre-K to 3rd. After reading the book *The Sun is My Favorite Star*, kids will identify objects that can be seen in the day sky and describe the path of the sun across the sky during the day. Cabin, Debbie.

8/18 Friday, 10:00 am-11:30. STEAM: Motion. Make a disc spinner, an idea from a time when there were no screens and no battery-operated toys. Go retro and make one today. Try using different materials to continue the fun at home: Cabin, Debbie.

8/19 Saturday, 10:00-11:15. THE HIDDEN WORLD OF THE OUTLET POND. Intergenerational. You've walked around it, canoed on it and maybe even skated across it. Now come meet some of the fascinating critters that live IN it. Using dip nets we'll explore the edges of the pond to see what we can catch. Microscopes will be provided for close-up views. Cabin, Debbie.

8/20 Sunday, 9:00 am-4:00- Cabin Closes today.



The Board would like to thank each and every one of our donors in 2022, whose support continues to underwrite our important work. Thanks also to all who made our programs possible, and our trails cleared with their gifts, time, talent and energy. We are so grateful.

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