



TWINLEAF NEWSLETTER



Thank You, Preserve Volunteers

Vital to helping us fulfill our mission, our volunteers are the heart and soul of Bowman's Hill Wildflower Preserve. Each fall, we have the privilege of recognizing and thanking our dedicated, talented and generous volunteer team. On Nov. 12, 2018, the annual Volunteer Recognition Brunch was held at Thompson Memorial Presbyterian Church to celebrate those who contribute their time and talents to the Preserve.

In 2018, our volunteers donated over 12,000 hours at the Preserve. Whether through supporting Preserve staff, keeping the property pristine, attending to our seeds and plants, greeting the public, running programs or fundraising, their contributions were immeasurable. With their help, we were able to accomplish much—including restoring water flow to the Founders Pond and replanting it, establishing the Universal Access Trail, adding new office space in the Prop House, repairing the creek gates, preparing Aquetong Meadow, adding aquatic beds to the nursery along with growing beds for

specialty plants, working with Friends of Thompson-Neely Grist Mill to restore the Mill Race and reaching over 4,000 people through our education programs.

To help us honor our volunteers, several community sponsors donated or discounted goods. Special thanks to Barnes Arboretum, Brandywine Conservancy & Museum of Art, Bucks-Mont Party Rental, Colonial Farms, Crossing Vineyards and Winery, Grounds for Sculpture, Longwood Gardens, McCaffrey's Markets, Mt. Cuba Center, Newtown Theatre, Owowcow Creamery, Riverside Symphonia, Rojo's Roastery, Shady Brook Farm, Triumph Brewery, Tyler Arboretum and Zebra Striped Whale.

VOLUNTEERS

We would like to recognize our volunteers' contributions by hours: Judy Eby (671 hours), Jean Barrell (389), Terri Layton (288), Lynn Holzner (245), Dolores Labrum (224), Ed Carpenito (211), Blanche Anderson (202.5), Stephanie Lovenguth (192.5),

Jeff Buckwalter (175), Dot Gaboda (166.5), Bruce Beans (162.5), Mary Ellen Sibley (159.5), Rob Barrett (152) and Carl Homnick (150).

Volunteers with 100-150 hours: Elizabeth Randolph, Kathy Vanzozi, Tina Mertz, Rick Anderson, John Kopcha, Sally Mirick, Carol Welsch, Pat Salmon, Rose Meyers, Margie Rutbell, Barbara Gross, Dave Horne, Chris Brookes and Joan Jenks.

Volunteers with 50-100 hours: Gillian Brindley, Barbara Drew, Sandra Escala, Bill Gaboda, Margery Golen, Reed Goossen, Lawrence Gustin, Judy Hallberg, Leah Hight, Sue Hurst, Marty Kalbach, Melanie Kavanaugh, Erika Kolecki, Carolyn Krickus, Ilona McSparin, Carolyn Mora, Mary Nogami, Phyllis Rosenbaum, Barbara Shaeffer, Barbara Sheinmel, Art Veneziale, Patsy Wang-Iverson, Nancy Wasch, Elaine Whitaker, Joanne Zuckerman and Mary Anne Zupeck.

Pictured above are some of the top time donors of 2018 (from left) Terri Layton, Jeff Buckwalter, Mary Ellen Sibley, Stephanie Lovenguth, Blanche Anderson, Dolores Labrum, Lynn Holzner, Jean Barrell and Judy Eby, along with Volunteer Coordinator Regina Moriarty and Executive Director Miles Arnott.



**Bowman's Hill
Wildflower
Preserve**

Twinleaf Newsletter

Bowman's Hill Wildflower Preserve

P.O. Box 685
1635 River Road
New Hope, PA 18938-0685


Phone: 215.862.2924
Fax: 215.862.1846
Website: bhwp.org
Email: bhwp@bhwp.org

The Preserve is located 2 ½ miles south of New Hope, Pennsylvania, at 1635 River Road (Route 32). Open year-round. Grounds are open daily, 9 am until sunset.

Visitor Center and Twinleaf Book & Gift Shop

Open Monday, April through June, 9 am – 5 pm
Open Tuesday through Sunday, 9 am – 5 pm
Open Memorial Day and Labor Day
Closed Thanksgiving Day and Christmas Eve through New Year's Day.

Admission

Preserve Members: FREE
Non-Members: Nominal fees 

Staff

A. Miles Arnott, Executive Director
Marin A. Byun, Nursery Assistant
Jake Fitzpatrick, Nursery Manager
Rick Fonda, Grounds Manager
Rich Gallagher, Facilities & Maintenance Coordinator
Susan Harrington, Business Manager
Kelly Joslin, Education Coordinator
Jason Ksepka, Curator
Regina Moriarty, Volunteer Coordinator
Sue Owens, Bookkeeper
Peggy Riel, Twinleaf Shop Coordinator
Julia Snyder, Development Associate
Barbara Storms, Communications Coordinator
Maggie Strucker, Interpretive Coordinator
Kellie A. Westervelt, Development Director
Richard Yahn, Facilities Rental Coordinator

Mission

Bowman's Hill Wildflower Preserve inspires the appreciation and use of native plants by serving as a sanctuary and an educational resource for conservation and stewardship.

Bowman's Hill Wildflower Preserve is managed by the Bowman's Hill Wildflower Preserve Association, Inc., in cooperation with the Pennsylvania Department of Conservation and Natural Resources. A copy of the official registration and financial information may be obtained from the Pennsylvania Department of State by calling 1.800.732.0999. Registration does not imply endorsement.

Virginia bluebells (*Mertensia virginica*)



Director's Message

The Preserve is beautiful at any time of year, but spring is truly special. Our guest book is filled with testimonials from people from all over the world who come to see our abundant display of spring ephemeral wildflowers.

It begins with the first wildflower to bloom—the beautiful and delicate snow trillium—that pushes its brave face through the leaf litter and snow to welcome the first day of spring. Our snow trillium persists on a limestone outcropping that Dr. Edgar Wherry, one of the Preserve's founders, constructed in 1936.

More evidence of Dr. Wherry's work can be found during the spring season along the Evergreen and Fern Trails, where two-leaved toothwort blooms in several large drifts. You will also find his work along the Medicinal Trail, formerly part of the Harshberger Trail—named after Dr. Wherry's botany professor at the University of Pennsylvania.

After the snow trillium's debut, the bloodroots, twinleafs, Virginia bluebells, saxifrages and countless other species of wildflowers bloom in rapid succession through April and into May. As he did with the snow trillium, Dr. Wherry had much to do with collecting, planting and nurturing many of the wildflowers that we see throughout the Preserve. Today, our curator, grounds manager and volunteers all seek to build upon his legacy of stewardship, which begins by understanding plant ecology and plant niches.

There is no place quite like the Preserve, where you can see so many species and so much variety in such a small space. I encourage you to make several trips to the Preserve between April 1 and May 15. In this brief six-week period, the Preserve changes quickly from day to day, and you can watch the woods transform from winter dormancy to full spring regalia. See you on the trails!



Miles Arnott,
Executive Director



Bowman's Hill
**Wildflower
Preserve**



Preserve Welcomes New Staff

MARIN A. BYUN, NURSERY ASSISTANT



Marin Byun assists Nursery Manager Jake Fitzpatrick with operations at the Native Plant Nursery. This includes safekeeping the nursery's inventory along

with the propagation and sales of plants that are native to the Delaware Valley region. She holds a B.S. in fisheries/wildlife management with a focus on botany from Penn State University.

"I feel so thankful there is such a sense of place in my work space. This is my home. This is my community. These are the plants I've come to know and love," says Marin. "I strive to educate and inspire others about protecting the plants and ecosystems surrounding us."

BARBARA STORMS, COMMUNICATIONS COORDINATOR



Barbara Storms' professional background includes experience in advertising, marketing and communications. She is responsible for generating

awareness for the Preserve and its mission over all communication channels. Having earned a B.A. in advertising design from The College of New Jersey, she continued her studies at Parsons School of Design in New York City.

"Here at the Preserve, whether you are strolling through a meadow or hiking on a wooded trail, life is thriving all around you," Barbara says. "I feel privileged to work at such a special place, alongside so many dedicated staff and volunteers."

Recommended from the Twinleaf Book & Gift Shop

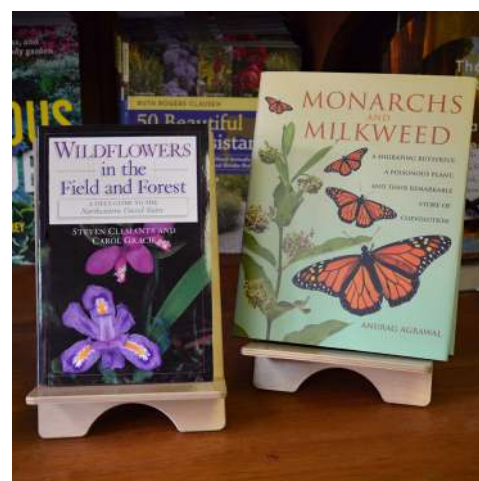
GREAT BOOKS WORTH HAVING

***Wildflowers in the Field and Forest: A Field Guide to the Northeastern United States* by Steven Clemants and Carol Gracie**

"The most well used book in my library. This is where I start for plant identification."
—Preserve Naturalist Jean Barrell

***Monarchs and Milkweed: A Migrating Butterfly, a Poisonous Plant, and Their Remarkable Story of Coevolution* by Anurag Agrawal**

"I thought there was nothing new to learn about this topic, but I was wrong! Great info about milkweeds and their interactions with insects. Find out if aphids on a milkweed plant could actually benefit monarch caterpillars!" —Preserve Naturalist Mary Anne Borge



HANDMADE SCARVES & PURSES

Among the new items available this spring are pretty viscose and cotton scarves decorated with hummingbirds, butterflies and owls. Also in stock are small, leather-handled canvas purses that feature butterflies and birds, including hummingbirds.

Purchasing any of our curated collection of outstanding books on native flora and fauna is a great way to learn more about our environment. Every purchase from the Twinleaf Book & Gift Shop, including book purchases, also further supports the Preserve.

Welcome to Our New Members

WE LOOK FORWARD TO SEEING YOU AT THE PRESERVE!

Alfred and Patricia Abud
Arbutus Biopharma
Molly Atz
Mary Bayly
Gayle Berkery
Deborah Bowman-Ehelebe
Mary Brock
Chris and Carrie Brough
Trevor and Durwood Brough
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Amber Ennis and Michael Solomon II
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Ryan Fuller
Steve Kane
David and Simona Lederman
John and Barbara Lehman
Melissa Lohr
Sandy and David Marshall
Terri Maxwell
Joyce McGlynn
Jayne Nyquist
Joseph P. O'Neill
Kevin and Erin O'Neill

The Schaefer Family
Carol Schoeniger
Julia Snyder
Stephen Sullivan
Kenneth Swartz
Yanina Tabarez
Madeline Taterka and Hil O'Connell
Kenneth and Christine Taylor
Michael Thompson
Matthew and Erica Tousignant
Joan Welch
Wi Wolff
Gail Woolley
Vivian Yeh
Meredith Yoeli

Business Partner Members

Rojo's Roastery
ThinkGreen LLC

Wood lily (*Lilium philadelphicum*)Small-flowered yellow lady's slipper (*Cypripedium parviflorum* var. *makasin*)

SPECIES TO BE ADDED TO THE SEEP

- Wood lily (*Lilium philadelphicum*)
- Canada lily (*Lilium canadense*)
- Yellow lady's slipper (*Cypripedium parviflorum*)
- Showy lady's slipper (*Cypripedium reginae*)
- White-fringed orchid (*Platanthera blephariglottis*)
- Yellow-fringed orchid (*Platanthera ciliaris*)
- Ragged-fringed orchid (*Platanthera lacera*)
- Slender bunchflower (*Veratrum hybridum*)
- Virginia bunchflower (*Veratrum virginicum*)
- Bottle gentian (*Gentiana andrewsii*)
- Rose pink (*Sabatia angularis*)
- Green false hellebore (*Veratrum viride*)

Photos by Jason Ksepka

Curator's Notebook

RECENTLY UNCOVERED SEEP IN AQUETONG MEADOW WILL ENHANCE PRESERVE'S NATIVE PLANT DIVERSITY

While clearing storm debris and invasive weeds from what will be our new Aquetong Meadow, we have uncovered a natural seep—about three-quarters of an acre where the soil often tends to have nearly permanent subsurface moisture.

It is possible that the seep, which borders the intersection of Aquetong and River roads, is fed by an underground spring. However, it is more likely fed by water runoff flowing downhill from the surrounding landscape. Or it could be a combination of spring water and surface flow.

Regardless, the saturated soil represents an excellent opportunity to diversify the Preserve's native plant collection even further with the addition of new species of lilies, lady's slipper orchids and fringed orchids, among others. All of these new plants are interesting, beautiful and charismatic. They are locally native but quite uncommon, so I am really

excited to be able to introduce them to the Preserve and add to the more than 700 native species—about a third of all of Pennsylvania's native plants—that are currently growing here.

After removing invasive Japanese stiltgrass (*Microstegium vimineum*) and mile-a-minute weed (*Persicaria perfoliate*), we recently placed about a half-dozen large rocks to help slow the surface water flow and restore the seep to its natural hydrological conditions.

This spring, we will begin planting the seep. Using a combination of seeds gathered from our existing meadow and other local sources, we will also seed the rest of Aquetong Meadow and allow those seeds to germinate and grow throughout the summer. As additional plants in our Native Plant Nursery grow large enough, we will also be planting them out in the meadow. We anticipate that we will have significant plant growth by next spring, possibly some flowering in 2020 and, by 2021, a recognizable wildflower meadow.

—Jason Ksepka, Curator

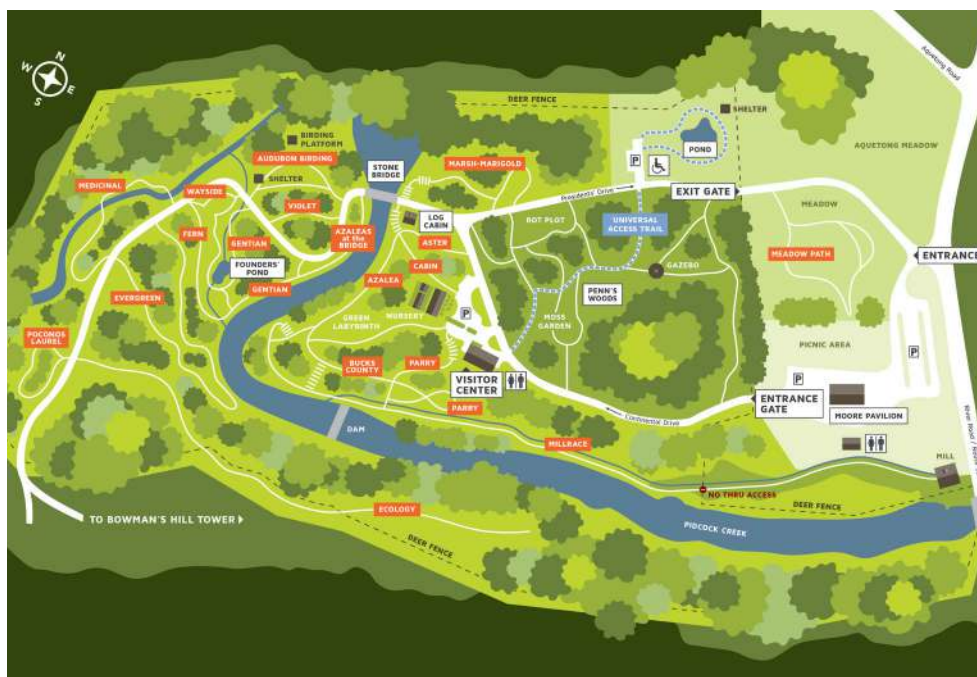
Universal Access Trail Now Open, Revised Trail Map Available

The Preserve has just unveiled our new Universal Access Trail through Penn's Woods to the Pond. A newly revised Preserve trail map is now available that highlights the access trail and includes other trail modifications.

The trail and the new map are the first of multiple improvements that were made possible late last year by a grant from the Foundations Community Partnership.

The trail provides greater public accessibility to the wonders of the Preserve, especially for those with physical, developmental and emotional challenges.

The revised map delineates more than two dozen well-marked trails that wind through the Preserve's varied habitats. Covering about 4.5 miles, the trails offer a great way to experience something new each time you visit the Preserve.



NOW AVAILABLE AT THE VISITOR CENTER!

Pick up the revised Preserve trail map at the Visitor Center and discover the new access trail and other trail modifications.



To Maximize Visitor Experience, Preserve Is Developing Interpretive Plan

Have you ever had an experience at a museum or national park that connected you to the resource and sparked further interest? If so, there was most likely an interpretive plan in place that helped to guide your experience.

Nearly every state park, national park, museum and heritage site has an interpretive plan. It is the key ingredient for management, strategic planning and the fulfillment of an organization's mission.

Effective interpretation helps reveal our message to visitors in a memorable way that inspires them and encourages their stewardship. It carefully balances the needs of visitors with the needs of the resource—in our case, the needs of the Preserve and its native plant collection. Interpretive planning, meanwhile, is a collaborative process that guides the best way to reach diverse audiences through personal and non-personal efforts and media.

Bowman's Hill Wildflower Preserve has been fortunate to receive a grant from the Pennsylvania Department of Human Services to fund this effort. This January, we began working with Dave Bucy, Ph.D., of Bucy Associates, Corvallis, Oregon, to guide us through this process. He has many years of experience in this field and is currently concluding the interpretive planning effort for Washington Crossing Historic Park.

Our interpretive plan will be created through a collaborative process involving management, staff, board members, interpretive specialists, subject matter experts and other stakeholders. It encompasses virtually every potential visitor experience from arrival to departure and even beyond. The Preserve has put together a diverse team of eight to spearhead this initiative.

The Preserve needs an interpretive plan for many reasons: to help visitors form strong connections to the Preserve and its stories, to tell our story more effectively, to expand our community, to demonstrate initiative and preparedness to potential funders, and to collaborate with management, staff, partners and the community.

The target for completing the plan is December 2019. "We are excited about working with Dr. Bucy, and look forward to this new chapter in the future of the Preserve," says Maggie Strucker, the Preserve's interpretive coordinator.



SAVE A TREE!

Get your newsletter digitally.

Contact: development@bhwp.org



Bowman's Hill Wildflower Preserve 2018 Annual Fund Donors



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 David Winston
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 A. L. Yetter
 Ms. Betty Lou Yost

In Memory of Gudrun Alexander
 Mrs. Elisabeth Hlawaty

In Honor of Miles Arnott
 Carolyn M. LaVere

In Honor of Jean Barrell
 Wendy Margolis

*In Honor of Edna and Joel Biederman's
 50th Wedding Anniversary*
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 Paula Soares

In Honor of Roger Byron
 Rachel Finkle and Sven Helmer

In Memory of David and Anne Davidson
 Bruce Davidson and Donald Barb

In Memory of Alice T. Gale
 Sandy and Carter Sackman
 Debbie and Jeffrey Carugati

In Memory of Barb Horne
 Jo Schuler and Harry Baum

*In Honor of Dave Horne and Kathy
 Vannozzi*
 Sheila and Miles Arnott

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In Memory of Charles Kellogg
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In Memory of Sara Mills Wallace
 Alex Wallace and Mary Goldschmidt

In Memory of Marion Weidman
 Linghocken Garden Club

SAVE THE DATE

**16th Annual Spring
 Wildflower Gala**
Saturday, Apr. 27,
5 - 10 pm

Get ready to don your black tie and muck boots for an elegant evening at the peak of our spring splendor! Join us for an evening of cocktails, native wildflower walks, extraordinary silent and live auctions, dancing and a delicious dinner by Max Hansen Caterers. All proceeds will help diversify the Preserve's living plant collection.

For more information about this unique event, email Kellie Westerveld, development director, at westerveld@bhwp.org.



Pride in Propagation

The plants we grow on-site and sell in our Native Plant Nursery play an important role in increasing the supply of local provenance plants. Complements to any landscape, a few of our favorites include:

Virginia bluebells (*Mertensia virginica*)

The term “Spring Garden” comes to mind when picturing this native, splendid and dependable treasure of the Preserve. The new emerging purple-tinted leaf clusters, with their graceful display of flowers, make this plant a favorite of gardeners. Being ephemerals, they die back soon after blooming in early spring. However, many Virginia bluebells will have seeded, rewarding the gardener with new seedlings the following year. Easily transplanted, look for two-inch, two-leaved seedlings with purple-green coloration.

Wood poppy (*Stylophorum diphyllum*)

Another important plant in our propagation efforts, the colorful display of the wood poppies' sunshine-yellow flowers begin a bit later than the Virginia bluebells and last for many weeks. Wood poppies also generously produce new plants along the sides of the parent plant. One of the most encouraging characteristics of this native plant is its ability to do well in full or partial shade and to tolerate quite a bit of sun with no change in bloom production.

Golden ragwort (*Packera aurea*)

Our final featured plant has a more defined use profile: it is an under-used groundcover. The leaf shape is very pleasing while the flowers atop the tender, straight stems have a definite woodland charm. With a deep golden yellow color, this plant blooms and grows easily in shade while quickly spreading outward in rich soil. It can spread in more difficult conditions as well. Requiring little maintenance, golden ragwort is a favorite semi-evergreen ground cover—particularly in areas where it can be allowed to spread widely.



Virginia bluebells
(*Mertensia virginica*)



Wood poppy
(*Stylophorum diphyllum*)



PRESERVE'S NATIVE PLANT NURSERY OPENING LECTURE WILL FEATURE DR. GARY C. PAVLIS

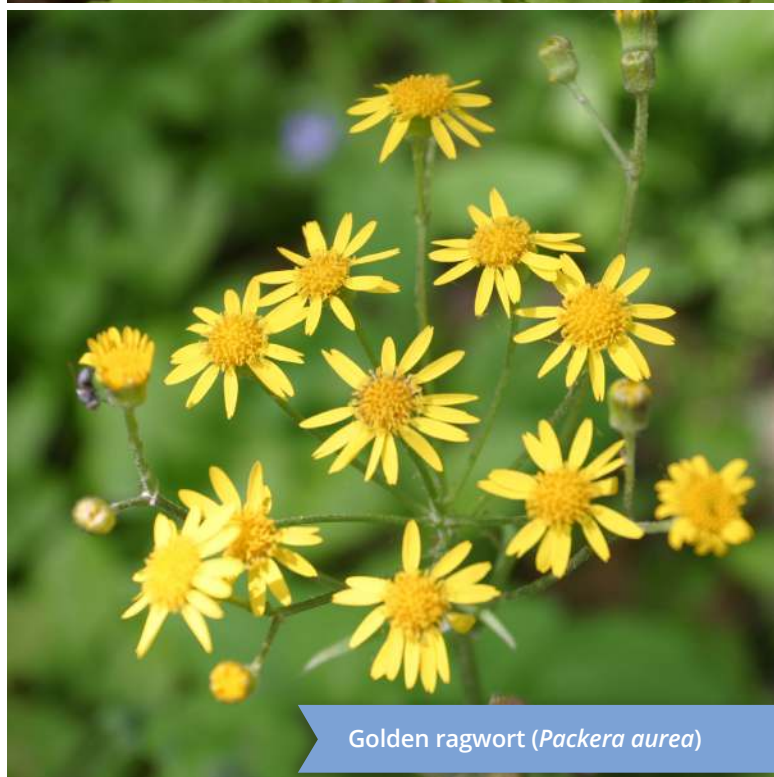
*From the Pine Barrens: The Rise of the Beloved
Blueberry - A Historical Perspective*

The worldwide cultivation of the highbush blueberry owes its origin to one woman living in New Jersey. Elizabeth White's family were cranberry growers in New Jersey's Pine Barrens. Through her dedication, perseverance and horticulture knowledge, the highbush blueberry was taken out of the woods and developed into one of the most healthy and loved fruits worldwide.

**Join us for this free members-only lecture on
Saturday, April 13, 10 – 11 am**

Gary C. Pavlis, Ph.D., associate professor and agricultural agent at Rutgers University, has been working with the blueberry industry for close to 40 years.

Plant sale shopping following lecture from 11 am – 5 pm.



Golden ragwort (*Packera aurea*)

2019 Program Highlights

The Preserve offers learning opportunities for all ages to enjoy. See the complete listing of programs and register online at bhwp.org/calendar.

KIDS & FAMILY PROGRAMS



CHILDREN'S SUMMER READING PROGRAM

Every Thursday: Jun. 20 through Aug. 15, 10 – 11:15 am

Members: Free;
Non-members: \$7 one child with adult + \$3 for each additional child

Pre-registration is required by the Tuesday prior to each program.

Join us and explore the wonders of nature! We will read exciting books about the outdoors, take hikes through the Preserve in search of the plants and critters in our stories, and create an art project to bring home. This program is appropriate for ages 3 through 8. Children must be accompanied by an adult. Each session is unique, so join us for as many as you like.

NATURE EXPLORATIONS

FLASHLIGHT EGG HUNT

Saturday, Apr. 13, 7 – 8:30 pm

Members: \$15/child with non-paying adult; Non-members: \$18/child with non-paying adult

Pre-registration is required with payment by Apr. 10.

Kids ages 3 to 7 can join us to learn about some of the animals that come from eggs. We'll read a story about oviparous animals, decorate a special basket and then head outside for a very special egg hunt. Bring a flashlight and find some treasures to take home. It's going to be an EGG-citing time!



AMPHIBIAN ADVENTURES

Friday, May 3, 7 - 8:30 pm

Members: \$6 adult/\$4 child;
Non-members: \$8 adult/\$6 child

Pre-registration is required by Wednesday, May 1.

The setting sun and rising moon add magic to a stroll through the woods. Join us as we explore the natural world during the evening hours. We will listen to and look for spring peepers and wood frogs, and also see what other warm-weather treasures await us. Please bring a small flashlight.



WALK WHEN THE MOON IS FULL

Saturday, May 18, 7 – 8:30 pm

Members: \$6; Non-members: \$8

There's something special about exploring nature at night. Set your sense of adventure on high and join us for an evening full of folklore and stories under the light of the moon and stars.

SUMMER NATURE PLAY DAY

Saturday, Jun. 22, 1 – 4 pm

Members: FREE; Non-Member: \$3 per person (includes Preserve admission)

Come join us for an afternoon of play in nature! Our Visitor Center will be filled with FUN and thematic self-guided activities, an art project and opportunities for a guided hike. This is a drop-in family program.



FASCINATING FIREFLIES

Fri, Jun. 28, 7:30 – 9 pm

Members: \$7/adult; \$5/child;
Non-members: \$9/adult; \$7/child

Join us for a magical journey as we learn about these whimsical creatures. After a short discussion on firefly life history, we will decorate a catcher and head out just as the first twinkles begin. This program is sure to bring out the kid in everyone!

ECOLOGY & CONSERVATION

WEED PATROL

Saturday, May 11 and Saturday, Jun. 1 9:30 am – 12 pm

FREE to all

Pre-registration is recommended.

Join Grounds Manager Rick Fonda for a great way to learn and give back at the same time! You'll learn to identify native and non-native plants, the importance of biodiversity and how to remove and dispose of invasive species properly. Your efforts will help to protect our native plant collections. Groups, individuals and families are welcome. Dress for the weather and working in the woods. Gloves and tools will be supplied or you can bring your own.



Unless noted, advance registration is required for all programs.

**REGISTER ONLINE AT
BHWP.ORG/CALENDAR**

**INVASIVE SPECIES I.D. AND MANAGEMENT****Saturday, Jun. 15, 9:30 am – 12:30 pm****Members: \$15; Non-members: \$20***Pre-registration with payment required by Thursday, Jun. 13.*

Join us to discover the Preserve's most unwanted plants. You will learn about the problems caused by invasive plants, which species are of concern at the Preserve and beyond, and the methods we are using to control these exotic intruders. Naturalist Mary Anne Borge will introduce you to invasive plants through an indoor presentation and Curator Jason Ksepka will join Mary Anne to lead you on an outdoor walk. Walk is weather dependent.

**POLLINATORS AND POLLINATION STRATEGIES****Saturday, Jun. 29, 1 – 4 pm****Members: \$15; Non-members: \$20**

Many plants depend on the assistance of a third party, usually an animal, to help them successfully achieve pollination. How do plants entice visitors to their flowers and then manipulate them to carry pollen to another plant of the same species? Naturalist Mary Anne Borge will introduce you to some of the many potential pollinators of native plants, including bees, flies, wasps, beetles and birds. She will also share the strategies plants have evolved to achieve successful pollination by taking advantage of these flower visitors. Indoor presentation and discussion will be followed by an outdoor hunt for potential pollinators.

TALKS, WALKS & LECTURES**GROWING NATIVE PLANTS****MAKE-AND-TAKE BOG PLANTER****Saturday, Apr. 13****Drop-in between 10 am – 2 pm****Members: \$23/planter;
Non-members: \$25/planter**

Bring a piece of the Preserve home with you! Your new bog garden will include three plants suited for boggy conditions that will thrive in your pot. Our make-and-take table will be open next to the Visitor Center.

MOTHER'S DAY MAKE-AND-TAKE PLANTER BASKET**Saturday, May 11 and Sunday, May 12****Drop-in between 10 am – 2 pm****Members: \$18/planter;
Non-members: \$20/planter**

Get ready for Mother's Day with a special planter for mom made with love by you. Our make-and-take table will be open next to the Visitor Center between 10 am and 2 pm. You'll pot up a beautiful native plant in a lovely container and finish it off with a bow. It's the perfect gift for our moms who love nature!

**SPECIALTY WALKS****GUIDED WILDFLOWER WALKS****April through June, Daily, 2 - 3 pm****July through October, Tues. - Sun.,
2 - 3 pm****Members: Free; Non-members:
Preserve tour included with admission**

See flowers and fruits in season and discover fun facts about their use. Learn about the Preserve's history, habitats and important plant-animal interactions while enjoying the beauty of our trails. Our Preserve staff and our talented volunteer naturalists lead the tours. Tours leave from the Visitor Center with a minimum of two visitors, weather permitting.

BEHIND-THE-SCENES NURSERY TOUR**Sunday, Apr. 7, 12 – 1 pm****Sunday, May 5, 12 – 1 pm****Sunday, Jun. 2, 12 – 1 pm****Members: \$6; Non-members: \$8**

Join Preserve Nursery Manager Jake Fitzpatrick for a walk-through of the Preserve's growing area. Normally closed off to all visitors, this is your chance to see how we grow our precious native plants. Learn how we propagate our seeds and care for our native perennials all year long. You will also pot a native perennial to take home!

**MEDICINAL TRAIL PLANT WALK****Saturday, May 11, 10:30 am – 12 pm****Members: \$8; Non-members: \$10**

Plants have historically played a critical role in our health and wellness. Join Naturalist Pat Coleman as we venture out to the Medicinal Trail—a very special woodland retreat tucked in a rather quiet corner of the Preserve. We will look for some of the most cherished medicinal herbs, talk about their history and their uses, and will likely encounter a few “uncherished” plants along the way that have impressive medicinal reputations.

COLLECTIONS WALK: THE FERN TRAIL**Saturday, Jun. 22, 10:30 am – 12 pm****Members: \$8; Non-Members: \$10**

Dr. Edgar Wherry planted nearly 100 species of native ferns during his tenure at the Preserve. Over the years, their numbers have dwindled but many beautiful examples remain. Take a walk with local fern expert Janet Novac to explore the Fern Trail while learning its colorful history and our ongoing restoration efforts.

KNOWING NATIVE PLANTS SERIES

Members: \$15; Non-members, \$20

Pre-registration is recommended.

Presentation/discussion will be followed by outdoor tour.

Professional CEUs are available.

SPRING EPHEMERALS

Saturday, Apr. 20, 9:30 am – 12:30 pm

Spring wildflowers such as Dutchman's breeches, bloodroot, bluebell, spring beauty, twinleaf and several species of trillium color the forest floor for a fleeting moment this time of year. Join Naturalist Mary Anne Borge to learn why these wildflowers are called spring ephemerals, how their life cycles work and how their seeds are dispersed.

LATE SPRING LOVELIES

Saturday, May 4, 9:30 am – 12:30 pm

A lot happens at the Preserve between the burst of spring ephemerals and the peak of flowering shrubs. Join Naturalist Mary Anne Borge to learn about the wildlife and landscape value of the later blooming spring wildflowers, including woodland phlox, eastern columbine, Solomon's seal, shooting star, wood geranium and the beautiful yellow lady's slipper orchid.

FOCUS ON FERNS

Saturday, May 18, 1 – 4 pm

Some native plants, such as ferns, don't flower at all. In this popular program, Ed Lignowski, Ph.D., will teach you to identify many native ferns. He will highlight their evolutionary history and unusual reproductive habits, as well as their natural habitats and usefulness in native plant gardens.

FLOWERING SHRUBS

Saturday, May 25, 9:30 am – 12:30 pm

The Mid-Atlantic region has a stunning display of spring flowering native shrubs, filling the Preserve and surrounding natural areas with color and fragrance every spring. Join Naturalist Mary Anne Borge to learn about our native shrubs, their wildlife value and landscape beauty. We'll pay particular attention to the azaleas, dogwoods, viburnums and some rose family members.

WORKSHOPS & EVENTS



BIRDING PROGRAMS

SPRING BIRD WALKS

Saturdays,

Apr. 13 through May 11, 7 – 9 am

Members: FREE; Non-members: \$3

Pre-registration is recommended

The Preserve's plant and habitat diversity provide nesting sites and food sources for many species of birds, including: warblers, thrushes, chickadees, woodpeckers, towhees, nuthatches and goldfinches. Bird walks depart from the Visitor Center and are led by experienced, local guides. For ages 10 and up. Be sure to bring your binoculars if you have them.



BIRDING BY KAYAK ON THE DELAWARE CANAL

Sunday, May 5, 8 – 10 am

Members: \$20; Non-members: \$25

Pre-registration is required with payment by Thursday, May 2.

We're teaming up with Delaware Canal State Park for a gentle morning paddle on the Delaware Canal. We'll learn about the history of the canal and look and listen for birds and other local wildlife during this relaxing paddle. We'll put in at the canal near the Preserve. DCSP provides life vests, paddles and kayaks. Details on meeting place will be provided upon registration. Space is limited; register early.



ECOLOGY AND CONSERVATION

EARTH DAY SPRING CLEAN UP

Saturday, Apr. 6, 9:00 am – 1:00 pm

Advance registration is required by Thursday, Apr. 4.

Earth Day is the perfect time to explore nature AND to take action in an effort to help our planet. Join us for our annual Earth Day Celebration with hands-on activities that will help spruce up the Preserve in preparation for nature's extravagant spring display. The day begins with coffee and project registration. Then we head out onto the property and get to work. Your work shift ends with a delicious lunch and great conversation about the morning's accomplishments! Our Earth Day projects are suitable for groups, families and individuals. Please contact Volunteer Coordinator Regina Moriarty at moriarty@bhwp.org for more information or to register.

HUMMINGBIRDS 101 WITH PAT SUTTON

Sunday, Apr. 14, 10 am – 12 pm

Members: \$25; Non-members: \$30

Even if you think you know everything about these winged jewels, expect to be surprised by what you learn during this presentation by Pat Sutton, naturalist and wildlife gardener. She will show you an actual hummingbird nest and will share essential tips on how to ready your yard so that you can be entertained by a blizzard of hummingbirds from mid-April until early September. All attendees will receive a coupon good for a native plant from our nursery!



Unless noted, advance registration is required for all programs.

**REGISTER ONLINE AT
BHWP.ORG/CALENDAR**



Bowman's Hill
**Wildflower
Preserve**

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TWINLEAF NEWSLETTER

SPRING 2019 | VOLUME 26, ISSUE 1

Native Plant Nursery Opening Weekend

Saturday, Apr. 13 – Sunday, Apr. 14

OPENING DAY LECTURE

Members Only

Saturday, Apr. 13, 10 – 11 am

Join us for the Preserve's Native Plant Nursery opening! Members can attend a free lecture featuring Dr. Gary C. Pavlis, Rutgers University blueberry expert. See page 8 for more information.

NURSERY SHOPPING OPENING WEEKEND

Members and Non-Members Welcome

Saturday, Apr. 13, 11 am – 5 pm

Sunday, Apr. 14, 9 am – 5 pm

NURSERY OPEN FOR THE SEASON

Tuesday through Sunday, Apr. 16 - Oct. 31, 9 am - 5 pm



EXPERIENCE WHAT'S NATURAL | LEARN WHAT'S NATIVE

Bowman's Hill Wildflower Preserve inspires the appreciation and use of native plants by serving as a sanctuary and an educational resource for conservation and stewardship.

Bowman's Hill Wildflower Preserve

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