



2016 Plant Collections Management Update



We are very proud to have had excellent germination of *Zanthoxylum americanum*, Northern Prickly Ash, this year. This tree is the host for *Papilio cresphontes*, Giant Swallowtail caterpillars. We hope to increase the occasional breeding populations of this species by increasing its host plant population. (Photo of butterfly from Bron Praslicka Flickr <https://www.flickr.com/photos/bronpraslicka/4967175769/in/photostream/>)



Seedlings of many different species from seed gathered in 2015. Some of these will be planted on the Preserve, and some will be offered for sale. Others, will be offered to those in the native plant world, such as Natural Lands Trust, as a "thank you" for allowing us to collect seed on their property. Distributing the right plants out is our goal, and we have many partners who help us achieve this.

* S3 defined in Pennsylvania as "Vulnerable - Vulnerable in the nation or state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation."

Bowman's Hill Wildflower Preserve is moving forward with renewed vigor for improving and increasing both the size and quality of its collection. As of August, 87 collections of 72 species have been acquired so far in 2016, all of local provenance. Many of these were cuttings or already grown plants, and some have been from seed. The harvest season is just approaching, however, and plans to collect many additional species are well underway. In 2015, 152 collections were made, and are now growing in the nursery or have already been planted out on the preserve.

Collections have been made, or permission obtained by state parks, county parks, private land, and public right-of-ways (roadsides or power line cuts) to continue these efforts.

Historically, ferns have been an area of strength in our plant collection. Dr. Edgar Wherry was a noted fern expert that worked with us to introduce many species to the Preserve in its early years. To support this aspect of our collection, the Preserve made arrangements with the Delaware Valley Fern and Wildflower Society to employ their skills in fern propagation. Spores of requested species were collected, and propagation is ongoing. Currently, 32 *Dryopteris clintoniana*, several *Dryopteris intermedia*, and a number of *Dryopteris celsa* are available and awaiting pick-up and planting at the Preserve when conditions are appropriate.

Taking care of the plants already present is a priority at the Preserve. One good example is the *Carex sprengelii*, Long-beaked Sedge *S3, discovered by Ann Rhoads on the Preserve in 2015. It was removed and potted during grounds work that would have destroyed the specimen. Since the work has been completed, it has been re-planted at an appropriate site near where it was originally found growing.

One of the responsibilities of our curator is to monitor the collection already present at the Preserve. To meet this need, the Preserve has a dedicated crew of volunteers that goes out routinely during the growing season to visit and take notes on each plant in the permanent collection. This season we used new data management to improve efficiency of the time spent visiting the collection. Most significantly, mapping the collection into Google Maps is underway, and updating the database and subsequent spreadsheets used for various tasks.

Perhaps the most exciting change was the implementation of protocols to plant out specimens on the grounds of the Preserve. To do this, volunteers, and an intern were organized and educated about the

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Twinleaf

Published three times per year as a benefit of Preserve membership.

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: www.bhwp.org
Email: bhwp@bhwp.org

The Preserve is located 2 1/2 miles south of New Hope, PA at 1635 River Road (Route 32).
Open year-round. Grounds are open from 8:30 a.m. - sunset daily.
Visitor Center and Twinleaf Gift Shop are open 9 a.m.-5 p.m. Tuesday through Sunday, Memorial Day, and Labor Day; closed Thanksgiving Day and 12/24 through 1/1.

Admission:

Preserve members - FREE

Non-members

Adults: \$6

Seniors (62+): \$4

Full-time students: \$4

Children 3-14, \$3

Children under three are FREE

Preserve Staff:

A. Miles Arnott, Executive Director
Jake Fitzpatrick, Nursery Manager
Rick Fonda, Grounds Manager
Amy Goldstein, Membership Coordinator
Susan Harrington, Administrative Assistant
Lauren Johnson, Communications Coordinator
Kelly Joslin, Education Coordinator
Jason Ksepka, Curator
Jo Ann Long, Visitor Services
Regina Moriarty, Volunteer Coordinator
Sue Owens, Bookkeeper
Maggie Strucker, Pocket Meadow Coordinator

Botanical illustrations by Heather Lovett.

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 Historical and Museum Commission. 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.



Bowman's Hill
WILDFLOWER PRESERVE
P.O. Box 685 New Hope, PA 18938

Message from the Director

When someone mentions Bowman's Hill Wildflower Preserve we often think about the Preserve's amazing diversity of spring ephemerals that bloom in April and May. Visions of Virginia bluebells and bloodroots swirl in our mind's eye along with the bright green of newly emerged foliage each spring. While it is true that the Preserve is known for its abundance of spring wildflowers - people make pilgrimages here every year from far-away places just to catch a glimpse of the fleeting beauty — the Preserve offers so much beauty in fall too.

October is a magical month here as the green chlorophyll within the leaves of our native trees fade, revealing yellow carotenoid and red anthocyanin pigments which were previously masked deeper in the leaf tissue. Tulip poplars and hickories change color to become golden yellow before dropping their leaves later in the month. Sugar maples turn a fiery orange color and look spectacular against the blue autumn sky. Red maples and sourwoods become red as the days shorten and the nights become cooler. All of these trees shed their leaves where they form a beautiful mosaic on the ground and along the trails. You will find few places that offer such an abundance and diversity of fall foliage color.

The fall blooming asters and goldenrods put on their show in our meadow each year. The purples and whites of our many native asters provide accent and highlight to the yellow and brown hues of goldenrod and Indian grass. The early morning sun on the front meadows is a sight as beautiful in its own way as a carpet of wildflowers in spring. Add that vision to the smell of autumn leaves and the sounds of leaves swirling in a November breeze and you can begin to understand the Preserve's special appeal in fall.

I encourage you to take an hour or three to visit the Preserve this fall and gain a new perspective and appreciation for this special place. Walk the trails, take in the sights and enjoy the scent of the crisp autumn air. I guarantee you it will be time well spent - you will feel refreshed and rejuvenated as you feel closer to nature. Thank you for your ongoing support and I'll see you on the trails!

-Miles



Education Wish List & Thank You!

The Education Department would like to add a hands-on activity area for children and families inside the visitor center. We seek a total of \$1,000 to fund the purchase of supplies. All size donations are welcome. Please send donations to Kelly Joslin, Education Coordinator, P.O. Box 685, New Hope, PA 18938. Please indicate the donation is for the "Children's Activity Area." Thanks for the support!

Thanks to our three interns: Emily Coghlan, Ben Goldstein and Amber Mallm for their hard work and support this summer. We were blessed to have their assistance all around the Preserve and wish them the best of luck as they return to college.

Staff Departures

One of the most difficult things to do is to say goodbye to staff members who have contributed so much to the growing success of Bowman's Hill Wildflower Preserve. While each of them has a long list of accomplishments that have benefited the Preserve and its mission, it is the people themselves – their personalities and the energy they bring to the Preserve that makes them unique and so special. It is even more difficult to say goodbye to these special people when it happens all at once, each for his or her own reasons.

Jennifer Pennington, the Preserve's Membership and Marketing Coordinator, resigned in June 2016 to re-enter the workforce full time as a Landscape Architect. During her time here Jen worked tirelessly to market the Preserve to an ever-expanding audience. She was always eager to promote the Preserve's mission and programs through an expanding social media presence. Jen was also a great advocate for the membership program and was always seeking for new ways to give our members a meaningful experience. Her considerable artistic talents were reflected in all of her marketing and membership work.

Liz Poole-Lamb the Preserve's Visitor Services Coordinator, also resigned in June 2016 after she moved to Reading, PA. Liz used her creative flair and business sense to bring the Twinleaf Shop to a whole new level, with new merchandise, attractive retail displays, and a new scanning cash register. Liz also grew the Preserve's facilities rental program from \$4,000 to over \$40,000 in 3 short years, with the proceeds benefitting the educational mission of the Preserve. Liz's can-do attitude was contagious and served as a great inspiration for staff and volunteers alike.

Angela Jacobsen, the Preserve's Director of Development, resigned in July 2016 to pursue an opportunity with the Lenape Valley Foundation. Angela was instrumental in the phenomenal growth of the Spring Gala in support of our Pocket Meadow Initiative. Angela worked diligently with the Board of Trustees, members and volunteers to grow the Annual Fund that is so critical to the Preserve's operations and educational programs. Her track record of successful grant writing helped rejuvenate the Nursery, underwrote the Children's Summer Reading Program, and provided for an updated audio-visual system in the auditorium.

Bob Mahler, the Preserve's Nursery Manager, resigned in September 2016 to pursue his passion for bonsai by taking a position as curator for a private bonsai collection in Staten Island, NY. Bob is a terrific plants-man and master grower. Whether he was figuring out ways to germinate and grow blue bottle gentians or looking for a secret to making softwood cuttings of *Dirca palustris*, Bob was always experimenting and looking for ways to further the science of native plant horticulture. The Nursery grew in capacity and scope during Bob's tenure, with new fencing, a new heated greenhouse, and new infrastructure throughout the growing area. We will all miss his congeniality and his willingness to lend a hand to help with just about anything.

Jen, Liz, Angela, and Bob, we wish you the very best in your new endeavors. Thank you for all you have done to contribute to the success of this special place. You have all left the Preserve better than you found it.



Student Volunteers

Studies show that volunteering within your community provides intrinsic rewards, such as a sense of pride, connection and achievement. Additionally, for high school students volunteerism provides them with a bit of work experience, the opportunity to show some responsibility, as well as fill some community service hours. We were so happy to welcome a total of 15 students to our Summer Student Program here at the Preserve. Volunteers are welcome to volunteer 1 to 3 times a week from early July through early August, as well as supporting special events such as Plant Sales, Earth Day, Gala set up, etc.

During their volunteer time at the Preserve, our students learn about the importance of protecting our environment, plant identification, groundskeeping skills, responsibility and accountability. We try to make it fun but it is a good deal of hard work. This summer's projects included: hauling gravel, resurfacing trails, digging out and pulling down unruly invasives, cleaning up around the nursery and shed, digging holes and planting native shrubs and seedlings throughout the Preserve, and general weeding. These students help the staff immensely and make a big difference in the health and appearance of the property.

Joining us this Summer: Adam Barlyn, Sarah Barlyn, Abbey Kollar, Jake Lee, Bailee Mathews, Patrick McGrath, Michael Mitrane, Brendan Moriarty, Dane Paulson, Shakti Ramnath, Kendall Scott, Lindsay Tammara, Anish Thakur, Calvin Yu, and Vicky Zhen. Special thanks go to our Rick Fonda and Richard Gallagher, as well as Interns Emily, Ben and Amber, for leading the students through their shifts.

People

Staff Arrivals

Regeneration is an important part of the natural world here at the Preserve. So too is it with the Preserve and the people who make this such a special place. New staff members bring energy and a new perspective to build upon the success of the staff members who came before them. Please join me in welcoming a group of talented new people to the dedicated and hard working staff at Bowman's Hill Wildflower Preserve.



Amy Goldstein joined the Preserve's staff in July of 2016 and is responsible for supporting all facets of membership. Amy's professional background includes Kindergarten and early childhood education as well as corporate human resources experience. Amy was raised in New Jersey and holds a BA in psychology from Clark University and an MBA with a concentration in Human Resources from George Washington University. Amy and her family have been members of the Preserve for many years, and she has especially fond memories of being at the Preserve when her daughters were young, watching the birds and meandering around the pond searching for frogs. Amy lives with her husband David in Buckingham and in her leisure time enjoys reading, gardening, animals, and being outdoors. Amy is very excited to join the dedicated and enthusiastic team at the Preserve and looks forward to exposing more people to the wonders of native plants, flowers, and wildlife in this beautiful setting.



Susan Harrington joined the Preserve in July 2016 as Administrative Assistant. She provides office support to the Executive Director and staff to facilitate the efficient operation of the organization. She is responsible for Human Resources and Office Manager duties. Susan developed a passion for nature preservation while growing up in the Adirondacks in New York. She is a member of and has served on the Board of Directors of the Canada Lake Conservation Association which is dedicated to preserving, maintaining and protecting the lake, its tributaries, as well as the surrounding forest. Susan graduated from Wheaton College, Norton, MA and has worked for Seventeen Magazine and Sotheby's in NYC. While raising her daughters, Susan taught piano lessons for 15 years and was an accompanist for the Central Bucks School District and the New Hope Arts Festival. Susan and her husband have lived in Doylestown for 20 years and in her free time she enjoys gardening, hiking, canoeing, horseback riding, and playing the piano. Susan is

excited to be a part of the Preserve in a support role to help the devoted specialized staff members and volunteers preserve nature both for people to enjoy today and for future generations.



Lauren Johnson joined Bowman's Hill Wildflower Preserve as our new Communications Coordinator. Lauren is a graduate of Bard College and comes with a diverse background in publishing, writing, visual arts, and communications. She also has plant experience from having worked for nurseries and organic farms, and is versed in native plants being an avid beekeeper. Lauren is also a yoga teacher and a freelance writer for Edible Jersey Magazine. "I am so excited to join the team at Bowman's Hill Wildflower Preserve and to be around people who are just as enthusiastic about environmental stewardship as I am. I am eager to help promote all the wonderful events and programs happening at the Preserve, as well share the importance of native plants. I think it's really special when people connect to each other through their environment, and the Preserve is the perfect catalyst to make that happen."



Jo Ann Mitidieri Long joined the Preserve in June 2016 as the Visitor Services and Rental Coordinator. Jo Ann has lived in beautiful Bucks County with her family for over 20 years. Her responsibilities include Visitor Services, the Twinleaf Gift Shop and Facilities Rentals. Jo Ann comes to the Preserve with over 30 years of retail management experience. Locally, she managed retail operations at Milk House Farm and Birchwood Farms in Upper Makefield, as well as other retail stores throughout the area. She is past group coordinator for ABRO, The American Belarusian Relief Organization, which brings children affected by the Chernobyl Nuclear Disaster to Bucks County for a respite from radiation and medical care. Jo Ann has a passion for all nature and looks forward to increasing her knowledge of native wildflowers and birds here at the Preserve.



Matthew Piccirilli joined Bowman's Hill Wildflower Preserve in 2016 as Development Assistant. He has previous work experience with non-profits mainly focused with providing education and assistance to individuals with developmental disabilities and special education requirements. Today he is working toward his MBA and looks to continue to support Bowman's mission and vision into the future. Matt enjoys the outdoors taking the opportunity to hike, camp, and travel.

Education

Intern Summer Activities

During our summer here at Bowman's Hill we became skilled in many different areas on the Preserve. We had tons of fun working with Bob Mahler in the nursery, Rick Fonda on grounds, and Kelly Joslin in the education department.

In the nursery we learned how to water, propagate plants, collect seeds, and manage a greenhouse. While working on the grounds, we identified and removed invasive plants, and spent time maintaining the Preserve's aesthetic and ecological beauty. We loved using equipment! We learned how to drive golf carts, use chainsaws, drive a dump truck, and learned the basics on how to use lawn mowers and weed whackers.

In the education department we developed the ability to teach people of all ages. We created our own curriculum for the Children's Summer Reading program and lead the class on Thursdays. We also hosted field trips for visiting summer camps and girl scouts. We led the 2 pm tours for the public and gained experience addressing large groups of people, learned plant identification, and about the history of the Preserve.

We also had some experience running the Twinleaf shop. Here we greeted customers and gained experience working a cash register. Working with volunteers was a big part of our summer and gave us time to create close relationships with the people around us. We learned from our experienced volunteers, and we taught new volunteers what we learned about the nursery and grounds.

Our internship wasn't just full of work; we also had the opportunity to experience great classes and field trips. We attended several naturalist training programs that increased our knowledge of native plants and their role in the environment. Our field trip to Stockton, NJ gave us an in-depth look at the area's geology and granted us more tools to interpret the landscape. Our trip to the Barnes Arboretum allowed us to see how different nature centers were managed and demonstrated some of the challenges common to organizations with similar missions as Bowman's Hill.

Finally, one of the highlights of our summer was attending the Native Plants in the Landscape Conference at Millersville University. Upon our arrival at Millersville, we hit the ground running. We helped in any way we could, including checking in conference attendees, assisting vendors in setting up, and watching guests' purchased plants as they enjoyed the conference. But it wasn't all work! We attended provocative and inspiring lectures on a wide array of topics and networked with all sorts of people active in the native plant community, not to mention we went home with loads of new plants.

Our internship at Bowman's Hill was an unforgettable experience. We learned so much about native plants, met so many incredible people, and had many opportunities to stray from our comfort zone and try something new. All of us are grateful for our experience here. We look forward to visiting everyone in the future!



Call for Nominations Land Ethics Award

Bowman's Hill Wildflower Preserve is pleased to announce that nominations for the 2017 Land Ethics Award are now open. Since 2011, the award has honored and recognized individuals, organizations, government agencies, community groups, and business professionals who have made significant contributions to the promotion of native plants and have exhibited a strong land ethic while promoting sustainable designs that protect the environment.

This year there are five categories that will be reviewed for Land Ethics Awards: Small residential projects submitted by the landowner and/or contractor; Commercial project which are for-profit based; Non-Profit organizations; Governmental including municipal, county and state; and Individual or groups of merit. Recipients are selected by a jury of professionals in the field of preservation and conservation. The Land Ethics Award presentation will occur at the Land Ethics Symposium on March 9, 2017.

Eligibility, judging criteria, and submission guidelines are outlined in the nomination form available on the Land Ethics Award webpage. Submissions must be received by January 20, 2017.

In the six years since its inception, the Preserve has received nominations for many high-quality organizations, projects and individuals deserving of the prestigious Land Ethics Award. Please spread the word and help us honor excellence in sustainable ecological design in the Delaware Valley region.

**For more information on the Land Ethics Award
and to download the nomination form,
visit the Land Ethics Award webpage at
www.bhwp.org/education/Land-Ethics-Award.htm**



Cuttings were taken from this *Helianthus decapetalus*, Woodland Sunflower; Northampton County, Pennsylvania. They are currently rooting and will be planted out in several weeks.

Plant Collections Update *(continued from page 1)*

planting protocols including the recording of data. So far, 570 plantings, and 11 seed dispersal events have taken place thus far. Most of these were plants grown from seed collected in 2015; some were plants that had been purchased or donated from other growers.

As we continue into Autumn, we will be planting many more plants throughout the Preserve and gathering as much new seed as possible. Within the next 1-2 years our goal is to reach 800 native species growing at the Preserve, with as much as possible being from local sources.

Jason Ksepka, Curator



Save the Date March 9, 2017

Next year we celebrate the 17th anniversary of our annual Land Ethics Symposium “Creative Approaches to Ecological Landscaping.” The event will be held on Thursday, March 9, 2017 at the beautiful Delaware Valley University campus in picturesque Doylestown, PA.

We will partner with DelVal for the third year in a row. The commuter-friendly campus is located at the intersection of routes 611 and 202 and is accessible by SEPTA's R5 regional rail line, allowing direct service from Philadelphia, with connecting service from Philadelphia International Airport, New York, Baltimore and Washington DC. A stellar line up of speakers will headline next year's symposium.

The day long, professional symposium is designed for landscape architects, designers, contractors, land planners, municipal officials and landowners who want the latest information on how to create ecologically sound and economically viable landscapes through the use of native plants and sustainable practices. CEU's are available. Be sure to check the Land Ethics Symposium webpage at www.bhwp.org/education/Land-Ethics-Symposium.htm for important updates about speakers, sponsors and online registration later this fall.

Our Land Ethics Symposium has long been recognized as one of the leading land planning and ecological design programs in the region, due in part to a slate of well-respected, dynamic speakers and the support of many sponsors. If you are interested in a sponsorship for the 2017 Land Ethics Symposium, please contact our Education Coordinator, Kelly Joslin, at (215) 862-2924 or joslin@bhwp.org.



Native Plants in the Landscape Conference at Millersville University

Bowman's Hill Wildflower Preserve presented the 25th Native Plants in the Landscape Conference at Millersville University June 15-17, 2016. Over 230 industry professionals, gardeners and native plant enthusiasts enjoyed 3 days of learning and camaraderie. The Preserve garnered a lot of positive attention and goodwill from the native plant community for keeping this important conference alive and seeking to grow it in the years ahead. We heard many great ideas for future programs and the steering and program committees are already working on an exciting line-up for 2017. Many thanks to the staff and volunteers, both long time and newcomers, for all of your hard work to make this year's conference such a success!

The Native Plants in the Landscape Conference at Millersville University is scheduled for June 7-10, 2017. Be sure to mark your calendars and we hope to see you there next year!



Education

Program Highlights

For complete descriptions of all of our fall educational offerings, visit our website. www.bhwp.org

Please call the Preserve to register for all classes: (215) 862-2924.

Woodland Pumpkin Hunt

Saturday, October 29, 2:00-4:00 p.m.

Members: \$15 with non-paying adult;

Non-members: \$18 with non-paying adult.

Advance registration by October 20.

Take a magical journey in the woods through the eyes of Mousekin, as he prepares for the coming winter. We'll search for food, watch for predators, then find our own "golden house" to decorate and take home.

NEW Slimy Snakes, Terrifying Tarantulas and Blind Bats?

Sunday, October 30, 2:00-3:30 p.m.

Members: \$6/adult; \$4/child.

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

Call to register by October 25.

Are bats blind? Do toads give you warts? Many myths have been around for decades, but are they true? Join Naturalist Pam Newitt and take on some common misconceptions about the animals that live around us. Some live animals will be available to help us uncover the truth! Short walk may follow an indoor presentation.

Make & Take: Autumn Bounty Basket

Saturday, November 5, 2:00-4:00 p.m.

Members: \$65; Non-members: \$75

Fee includes all materials. Registration with payment required by Nov. 1.

Join Executive Director Miles Arnott for a morning of fun and creativity as we use natural materials to craft a beautiful fall centerpiece in time to grace your holiday table.



Knowing Native Plants: From Flowers to Seeds

Saturday, November 5, 10:00 a.m.-1:00 p.m.

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

How do angiosperms reproduce sexually? Naturalist Ed Lignowski will answer this question by discussing the life cycle of flowering plants from pollination to fruit/seed dispersal. General anatomy of flowers will be covered, and specific examples of native plants will be used to illustrate the many interesting differences in floral structure and function that occur in nature. The events following pollination leading to the development of fruits and seeds will be explained. Learn about the various types of native plant fruits and examples of how they provide nutrition for wildlife. Presentation/discussion followed by an outdoor tour. Professional CEUs are available.

NEW Winter Waterfowl

Workshop

Saturday, November 19, 1:00-3:00 p.m.

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

Advance registration required by 11/17

Let birding expert Pete Bacinski show you how to sort through those interesting flocks of ducks to find the rarity. This comprehensive presentation will cover identification of all our expected New Jersey fall and winter waterfowl including possible rarities. Arrival dates, abundance and where to look for them in PA and the Garden State will be part of this workshop.

Owl Prowls

Friday, November 18, 7-8:30 p.m.

Saturday, December 10, 7-8:30 p.m.

Members: \$8; Non-members: \$10. Please register for each program separately.

Join us for an afterhours hike as we search for these nocturnal birds. We'll start indoors and discuss how to identify the species we may see or hear. Dress for the weather and be prepared to walk through wet trail conditions. Space is limited. You must register in advance.

NEW Winter Waterfowl Field Trip

Wednesday, December 7th, 8:00 a.m.-5:00 p.m.

Members: \$25.00; Non-members: \$30.00

Advance registration with payment required by December 3.

Many species of waterfowl make a migratory stop at the Edwin B. Forsythe National Wildlife Refuge on their way south. Education Coordinator Kelly Joslin and birders Chris and Gerry Dewaghe will serve as your hosts and guides on this special visit to "Brig." We'll look for brants, teal, scaup and others plus we may get bonus birds like peregrine falcons, bald eagles, and winter sparrows along Wildlife Drive. Spotting scopes and snacks will be provided. Please dress for the weather, bring a sack lunch and binoculars. *This program meets at Forsythe NWR. Transportation is not provided. Directions will be provided after registration.*

Edible Ornaments for Birds

Saturday, December 10, 3:00-4:00 p.m.

Members: \$10; Non-members: \$12

Advance registration required by 12/5

During the winter, it is a challenge for birds to find sufficient food to survive because natural food sources are limited. Make several natural "ornaments" for birds that you can use to decorate outdoor trees. Please bring a container for your ornaments. ALLERGY ALERT: Nuts are used in projects.

Winter Solstice Walk

Wednesday, December 21, 10-11:30 a.m.

Members: \$5; Non-members: \$7

Advance registration required by 12/20

Instead of hunkering down and bemoaning the longest night of the year — also known as the winter solstice — celebrate with a stroll through the Preserve with Education Coordinator Kelly Joslin. We'll celebrate the joys of winter with a walk on the Preserve trails at a time when the sun is lowest in the sky and we experience the shortest days of the year. We'll conclude in the Visitor Center with hot drinks and cookies.

New in the Twinleaf Shop

Coming soon to the Twinleaf Shop, a new selection of unique items perfect for gift giving. Books, note cards, bee-themed items, local wildflower honey, jewelry, bags, children's items and more. Be sure to stop by and browse during your next visit to the Preserve.

While you are here, take a look at our large selection of t-shirts for children and adults. The Bowman's Hill Wildflower Preserve Sweatshirts are now on sale for an additional 30% off the original price. In addition, we have limited quantities of Native Plants in the Landscape Conference T-shirts, tote bags, hats, and caps for only \$5 each. This is a savings of over 75% off of original retail! Stop in soon for the best selection!

*Members receive
a 12% discount on all items
in the gift shop!*



Product spotlight. Have you tried SallyeAnder soaps and creams? These 100% handmade hypoallergenic soaps are made with the simplest of ingredients and are perfect for individuals with sensitive skin. The soaps are olive oil or soy based and made with edible ingredients and the finest essential oils. The Gardeners Hand Soap is fantastic, and the SallyeAnder 'No Bite Me' is a deet-free formula that protects against ticks and mosquitoes and is also suitable to use as an after bite treatment.



Membership

Welcome New Members

Special thanks to all who joined the Preserve family in late spring through mid-summer.

Deirdre Alderfer
Andrew Anderson
Karin Anheiser
Suzanne Ardite
John Augenblick
Carol Bankes
Francine Barbette
Sandra Bell
Beth Benn
Faith Bickley
Sara Bobbit
Robert Bowden
Richard Boyko
Christy Brehm
Barbara Brooks
Cynthia Cappell
Michael Cermignano
Kristina Clark
Rob Collins
Robbie Collins
Steven Cooke
Carol Crawford
Joan Durbin
Kay Ehrenkrantz
Elizabeth Etzkorn
Dawn Farver

Heidi Feigles
Leonard Fischer
Christine Forsstrom
Lindsay Gallagher
Cari Garner
Robert Gaynor
Dean Giambrone
Donald Groff
Dennis Gutierrez
Judith Hallberg
Theresa Hank
Tiffany Heater
Karl Helland
Michael Henderson
Janet Heroux
Joe Herres
Amy Hertzog
Lori Hoppmann
Michael Howard
Ronald Javitch
Joan Jenks
Janet Johnson
Carrie Kaiser
Demian Katz
Cheryl Kauffman
Samantha Klug

Justin Lacombe
Christophe Lamarque
Diana Liott
Ali Littman
Lori Mallison
Bruce McMordie
Raina Mehta
Sufyan Mesameh
Mary Mieczkowski
Melanie Mieczkowski
Joanne Mills
Sara Nicolls
Jennifer O'Donovan
Mark O'Hara
Natalia Ocasio
Iris Pearson
Lauren Piper
Emily Ricketts
Mary Robinson
Allen Rogers
Mary Roth
Disha Rupayana
Steve Saddlemire
Patricia Salmon
Catherine Savitsky
Margaret Savoca

Nancy Scura
Paul Secraw
Peg Shaw
Kathryn Shelton
Muriel Shultz
Lisa Shuster
Heather Smith
Sergei Sosodov
Sarabell Stoll
Saveria Symons
Edna Telep
Susan Thomas
Douglas Turner
Sandra Turner
Mary Venettone
Jacquelyn Watkins
Laura Williams
Judith Wolfram
Kelly Woodruff
Sonya Worosz
Kristin Yotko
Emily Zachin
Guangming Zhang

Curatorial Grant Award

Miles Arnott, Executive Director

The Preserve is very pleased to announce that we have been awarded a multi-year grant from the Norman Raab Foundation in support of our curatorial efforts. In 2015, the Preserve launched a major refresh of its collection strategy and plan to further reinforce the Preserve's one-of-a-kind status as a sanctuary for native plant and ecosystem learning and inspiration. Recognizing the need for the community to better understand the context in which native plants grow, the Preserve has embarked on a major initiative to focus its collecting activities on acquiring species that will best complement the plant communities naturally found on the property to provide a more complete and accurate educational experience. Notably, the ongoing destruction of native plant communities in the world beyond the Preserve's fence imparts a sense of urgency as we seek to build a "Noah's Ark" of plant genetic material unique to our eco-region. In accomplishing these objectives, we will honor our tradition as a wildflower preserve while restoring our grounds to a better resemblance of our floristic heritage.

The Preserve created a three year Collection Plan to establish an active program of offsite plant collection to acquire many common native species from our local flora that are not currently on our grounds, to improve our sanctuary for the plants it does indeed collect, and to use new species to enhance interpretation of the Preserve's educational mission. Key to success in the plan effort is the funding of a professional Plant Curator and a Plant Propagator. The Plant Curator -- with input from the Collections and Education Committee -- will identify missing plant species from the Preserve's collection, locate offsite wild plant populations of those species within our eco-region, secure the required permissions and permits to collect seed, collect seeds and record all data to document the provenance of the collection, and work with the Propagator to grow and plant the specimens on the grounds with the Education Coordinator and Naturalists to interpret the new additions. The Plant Propagator will receive the seeds the curator has collected, cultivate each species according to its special horticultural requirements, grow a sufficient number of them on to a size that can be transplanted onto the grounds, and work with the Plant Curator to find an appropriate place to add them to the plant communities at the Preserve. Due to the seasonal cycle of seed collection and plant fruiting habits, and the time needed for stratification, germination, and cultivation of acquired species, this ambitious project required a multiyear grant support structure. We are grateful to the Norman Raab Foundation for their vision and ongoing generous support of this important initiative.

Development

2016 Annual Fund

Dear Friends of the Preserve,

Bowman's Hill Wildflower Preserve is a place like no other to connect with and learn from the natural world. When we take a relaxing walk on the trails or study the butterflies in the meadow, we are uniting with nature. We experience the abundant splendor at Bowman's Hill Wildflower Preserve while sitting at the Pond and meandering through the Native Plant Idea Garden at the Visitor's Center.

The Preserve is special because it is a place of beauty, and so much more. It is a living museum and outdoor classroom brimming with nature's lessons on biology, ecology, horticulture and sustainability. We gain knowledge of the value of native plants by observing the insects, birds and other pollinators buzzing about them. The quality educational programs and activities offered at the Preserve inspire visitors and members alike to be good stewards of the earth.

With education at the core, we are changing behavior, inspiring action, and sharing our mission in many, many ways on a daily basis. We encourage you on your upcoming visits to smell the mountain mint, see the bright sun on the asters, and enjoy the treasures that surround you. We also ask that you consider the role that these beautiful native plants play in the ecological world and how they contribute to our sustainable future.

We are so grateful to our members, volunteers and donors for your ongoing support of our mission and for being part of the Preserve. We hope you will make a generous gift to the Annual Fund in support of the important work we do at the Preserve. Annual Fund contributions help us to enhance our trails, provide innovative educational programs for all ages, interpret our native plant collection, and reach beyond our fence to support our mission to inspire the appreciation and use of native plants by serving as a sanctuary and an educational resource for conservation and stewardship.

Your gift to the Preserve's Annual Fund is more important than ever. Thank you for your involvement and generosity!

Sincerely,
A. Miles Arnott

Mark your calendars!
April 29th is our 14th Annual Spring Gala.
See our website for details!





Bowman's Hill
WILDFLOWER PRESERVE
P.O. Box 685 New Hope, PA 18938

PRESERVE SEEKS VOLUNTEER NATURALISTS

Back by popular demand, a new Volunteer Naturalist Training will begin in early 2017. Applicants should have a strong interest in native plant conservation and a commitment to the Preserve. Knowledge of local flora, fauna and ecological principles are desired, but not necessary.

We encourage applicants to have a desire to work with people of all ages and abilities. Full training is provided through classes, mentoring and shadowing.

Interested candidates should contact Regina Moriarty, Volunteer Coordinator (moriarty@bhwp.org), for application and fee information.

SAVE THE DATE!

Volunteer Recognition Brunch Saturday, November 12th

Our volunteers are the heart and soul of Bowman's Hill Wildflower Preserve.

All 2016 volunteers will be receiving an invitation to our annual Volunteer Recognition Brunch. We hope you will join us as this is the day that we celebrate you. We are so lucky to have a wonderful team of dedicated, generous and talented volunteers!

Come celebrate with us!