

SEASONS

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Morris Arboretum
& Gardens

UNIVERSITY of PENNSYLVANIA



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SEASONS

Morris Arboretum & Gardens
of the UNIVERSITY of PENNSYLVANIA

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COVER PHOTO: Tom DeSimone, founder and past president of the Bonsai Society of South Jersey, teaches a *Bonsai for Beginners* course as part of our continuing education course curriculum. Photo by Stephanie Bruneau.

A Note from the Executive Director

BILL CULLINA

*The F. Otto Haas
Executive Director*



Education. Education is variously defined in the Oxford English Dictionary as *receiving or giving systematic instruction, training or knowledge acquired in a particular field or subject, and/or an enlightening experience.*

It probably comes as no surprise that education is one of Morris Arboretum & Gardens' three mission pillars and a core value that weaves through everything we do.

We certainly provide formal systematic instruction, both on Penn's main campus and here at the Morris. Dr. Tim Block and Dr. Cindy Skema teach a semester-long undergraduate field botany course ([see page 5](#)) and Dr. Skema also teaches a graduate course in plant materials for the Weitzman School of Design. However, most of our adult courses are shorter in duration and cater to both professionals and curious amateurs. Our very popular [School of Arboriculture](#) offers continuing education and recertification for tree, landscape, and design professionals. We also offer an incredible array of [adult classes](#), ranging from botany ecology and horticulture to health and wellness, food, and decorative arts.

Providing nature education and experiences for our next generations has never been more critically important. From our [Growing Minds](#) programs for ages 1 and up, summer camps for 3- to 13-year-olds, and our curriculum-based school visitation program for pre-K through high school, we provide enriching connections with the natural world for thousands of children each year.

Our formal internship program is nearing its fiftieth anniversary, and through its first five decades has trained hundreds who have gone on to leadership positions in sister public gardens and related organizations. Last year I've kicked off what we hope will be an exciting new addition to our internship program as we hosted two local Philadelphia high school students for the summer and two more during the school year ([see page 4](#)).

Of course, 90 percent of our annual visitors come to the Morris to experience our trees and gardens with friends and family. For this large audience, we strive to provide accessible, informal educational experiences that enhance their visit. Permanent exhibits such as *Out on a Limb*, the Garden Railway and Whimsical Woods join seasonal exhibits such as this summer's fabulous *Plants in the Age of Dinosaurs* and *Exuberant Blooms* ([see page 14](#)). We are also crafting a comprehensive interpretive master plan ([see page 9](#)) that will refresh and renew all of our interpretation and directional signage over the next several years.

Whether your next visit to Morris Arboretum & Gardens is to attend a formal program or to have a casual stroll, our goal is that you will come away learning something new about plants and our many connections to them.

Thank you and I look forward to seeing you in the Gardens!

A handwritten signature in black ink that reads "Bill Cullina". The signature is written in a cursive, flowing style.

Lifelong Learning at the Morris

BY MELLANY ARMSTRONG,
Communications Coordinator

When John and Lydia Morris created their estate in 1888, horticulture was a big part of the landscape of Compton.

The Morrises grew vegetables and fruit trees, as well as beautiful plants and flowers. And, from the very beginning, they clearly envisioned that one day their estate would become a world-class educational institution. John foresaw the Morris as “a school where young men, and possibly young women, may be taught practical gardening and horticulture.”

In turning over Compton in trust to the University of Pennsylvania in 1932, Lydia stipulated that the grounds be used to promote education and research through horticulture. Now, even more than 90 years later, Morris Arboretum & Gardens’ mission still encompasses those three ideals—horticulture, research, and, very importantly, education.

“I like to think that every time anybody visits the Morris, they come away learning at least one new thing,” said Bill Cullina, the F. Otto Haas executive director.

SOMETHING FOR EVERYONE

There are many facets of education the Morris offers, from introducing the smallest visitors to nature through storytime and children’s tours, to classes on horticulture and botany for adults ([see page 24](#)), to offering professional credits in our School of Arboriculture.

“We are fulfilling the Morrises’ vision every single day,” said Director of Education Bryan Thompson-Nowak. He points specifically to the Morris’s robust intern and fellow professional development programs, which draw people from all over the world.



“Throughout the many, many years, the interns have gone on to other institutions or departments or gardens, and they have taken this mission of Morris education and the power of plants in people’s lives out into the world,” he said.

The Morris hosts thousands of school children each year in this 92-acre living museum. Many participate in the new Environmental Science program, where they get an hour’s worth of STEM activities that support what they are learning in the classroom. The Education Department also runs a summer camp for children ages 4 to 10, and a three-week leadership development program for kids ages 12 to 16 who assist the camp counselors.

Not all learning at the Morris is so structured, Thompson-Nowak said.

“We have interpretive signs out in the Garden, and the map, and self-guided tours, so even if you’re not in a class, you’re still getting a passive education through all of those things,” he said. Volunteer garden educators also provide historical and horticultural information to visitors.

“Every single calendar day of the year, we offer something for people to engage in more deeply, whether it’s your 4-year-old who comes with your parents, up to if you’re a professional landscape architect or arborist who’s earning continuing education credits, or if you want to be an intern to switch your entire career ([see page 16](#)).”

BRYAN THOMPSON-NOWAK

CULTIVATING THE NEXT GENERATION

Removing invasive species and using GPS to map the locations of trees are just some of the things area high school students are doing during a first-of-its-kind program at Morris Arboretum & Gardens.

The students are serving as interns as they learn how a public garden functions. It’s part of the Morris’s master plan to provide work experience and career-building skills for high school students. The program began last year in conjunction with [WorkReady](#), which is under the umbrella of the [Philadelphia Youth Network](#). It resumed in the fall with Kevin Hennigan and Josephine Schirling, seniors at the Lankau Environmental Science Magnet High School on Spring Lane in Philadelphia. The interns come to the Morris two days a week and spend time in all departments.

“We have experienced a ton of things here,” said Hennigan, who aspires to be an electrical engineer. “We’ve worked in every single department, and we’ve helped out at the reception desk.”

Schirling has a passion for ecology and learning and hopes to pursue ecological sciences as a career.

“My internship will help me with my goals by providing connections, strengthening my knowledge in the natural sciences, and helping me attain soft job skills,” they said.

“This is when kids are deciding their future careers,” said Bryan Thompson-Nowak, director of education. “I think getting kids excited about plants and excited about science could completely open young people to careers that they didn’t even know existed.”

Bill Cullina, the F. Otto Haas executive director of Morris Arboretum & Gardens, said cultivating the next generation is a priority.

“I’m really excited about this internship program and their development,” he said. “It’s kind of hard to find those kids, that one in a hundred, or one in a thousand, where they connect with what we do on a deeper level, and then foster that connection through internships.”





that plants are not merely design elements or ecosystem providers, but living, reproducing organisms that respond and react in real time (and even evolve over generations!) in the environments they are creating.

Foul weather, mud, mosquitoes, and ticks are par for the course in Field Botany, the other Penn course Dr. Block and I co-teach out of the Biology Department of the School of Arts & Sciences at Penn. Our students, both undergraduates and master's level, figure out the practicalities of how to deal with all of it alongside learning the academic topics. They dive into how to identify the native and naturalized woody plants of Pennsylvania, how to collect and preserve those organisms for scientific research, and how the landscape—geology, hydrology, land use—affects what plants grow where in our state. Similar to Understanding Plants, we start Field Botany with a mini boot camp to understand plant form and grasp the botanical vocabulary necessary to use plant identification keys. Then, we embark on nine field trips across eastern Pennsylvania, visiting unique habitats like serpentine barrens in Chester County, dry oak heath forests in the Poconos, diabase (the “ringing” rocks) in Montgomery County, and the last remaining tracts of Atlantic Coastal Plain in Pennsylvania, giving the students ample opportunity to complete their plant-collecting projects and learn common species as we go.

Through both courses we hope we can introduce the next generation of scientists and designers to the captivating biology and fascinating diversity of the plants all around us. And, from serpentine to snow, we have a great time doing it!

Outdoor Classroom

Penn students dive into botany

BY DR. CINDY SKEMA, *Botanical Scientist*

Above, students in Penn's master's level class Understanding Plants visited Morris Arboretum & Gardens last November. Photo by Catherine Seavitt.

Just as we emerged from behind the trees at the top of the hill at Morris Arboretum & Gardens, a sudden gust of wind ripped past us. It brought with it the first snow flurries of the season, delighting all of us with a snow globe moment. Charming as it was, the cold, blustery wind made it hard for our student to present on her assigned species of fir (*Abies*), as she carefully explained where it grew, what its main characteristics were, and why we cultivate it. Class members had to shout to be heard as we got into the nitty-gritty of needle-tip shape and color as ways to differentiate between the three fir species the students would learn that day.

We were out in the Gardens for our course Understanding Plants, a master's level offering at the

University of Pennsylvania that Dr. Tim Block and I co-teach. By this late in the semester, the students were used to ignoring the weather as they concentrated on learning the roughly 130 species of cultivated plants that we teach over the course of 14 weeks. These plants form the backbone of plant diversity knowledge that our Weitzman School of Design students, mostly landscape architecture students, will use in designing the landscapes and gardens of our future. We couple this temperate, woody plant identification coursework with an introductory survey of plant biology—plant form, plant families, plant reproduction, propagation, and the evolution of plants. This helps our students understand

THE ARBORETUM

Archives

*Connecting events across
time and space*

BY JOYCE H. MUNRO, *Archives Volunteer*

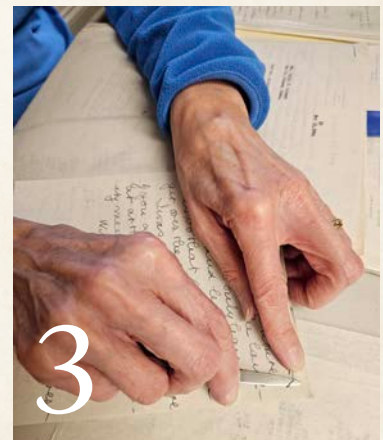
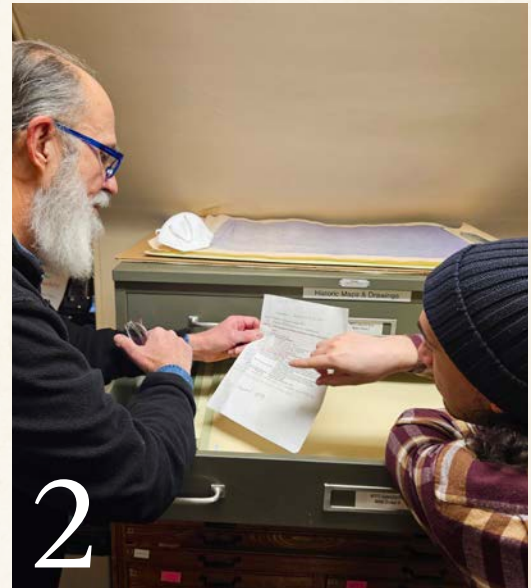
Some people claim that those who hang out in archives risk getting “archive fever,” an unexplained syndrome that can occur when an object from the past, say a stash of wartime correspondence, shows up in a box of administration papers.

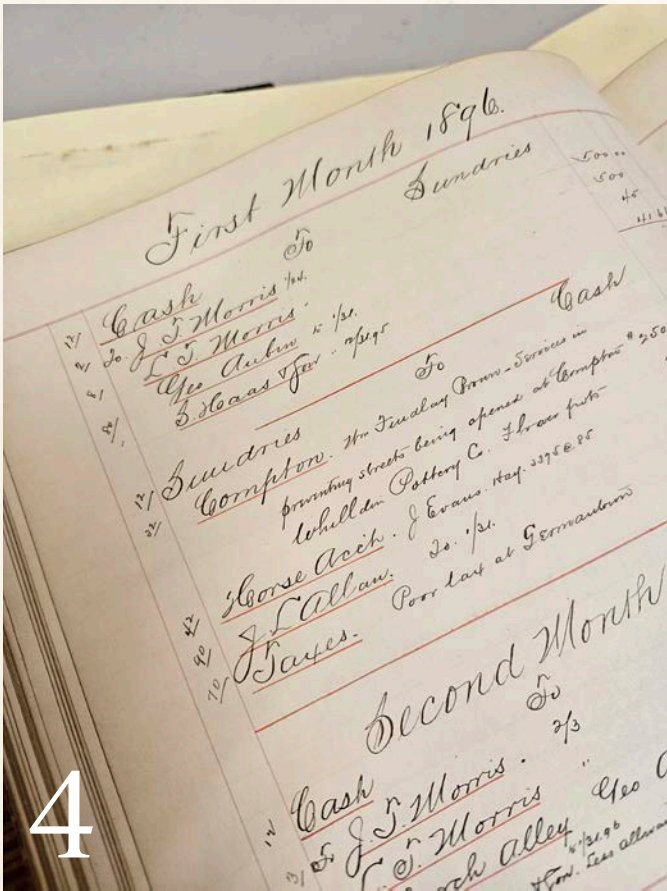
Or maybe the object is a tattered map on a basement shelf. Perhaps it's a box of old tiles in a cabinet drawer. These are the raw materials from which the history of Morris Arboretum & Gardens is made and a small group of intrepid Archives volunteers has the privilege of handling them each week.

Sometimes, raw materials reveal things we never knew before. Archive fever can spike when we instantly recognize the significance of an object and we rush to tell everyone of the new finding. It's a eureka moment on the third floor of Gates Hall and our excitement can be heard by folks downstairs.

Other times, fever doesn't take hold until we've assigned the object an accession number, cataloged it in PastPerfect (the archives software program) and composed the description. Only then do we begin to understand that the correspondence, the map, the tiles have changed our assumptions of the Morris's past.

Take object number 2004.1.44GN for instance. I got a serious case of archive fever from this one. The object is a glass plate negative of a sitting room on the second floor of Compton. Lovely room, interesting furnishings, nice drapes. Then my eyes land on the decorative tiles





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surrounding the fireplace. And thus begins one of my first projects as an Archives volunteer—track down the tiles. My fever stays low grade for a while as particulars come to light: the designer was William Wise, the tiles were called “Country Pursuits” and they were popular in the 1880s. Then fever spikes big time when we discover the actual tiles in—of all places—Gates Hall!

Picture the Archives volunteers on a typical Wednesday afternoon: a systems analyst, an office supervisor, a librarian, a foundation CEO, an academic dean (all former professionals now pursuing meaningful volunteer opportunities), and a library science grad student busy cataloging drawings, digitizing negatives and kibitzing over a recently unearthed newspaper clipping that challenges yet another of our assumptions.

Archival work is not a treasure hunt for shiny objects (well, occasionally it’s like that). Fundamentally, our job is to ensure a credible and consistent history of the Morris by preserving artifacts, interpreting them, and publishing images online for others to explore. Call it a passion, a service or a fever, our often routine, sometimes remarkable work ties the Morris’s past to the present to the future.



5



7



8



6

1. Nathan Anderson points out handwritten notes on a map of property owned by Samuel and Israel Morris in Philadelphia.
2. Graham Brent and Nathan Anderson peruse a contents list for a file drawer.
3. Judy Casale prepares a document for accession by carefully removing a rusty staple.
4. A page from John Morris’s 1896 ledger.
5. Mary Phalan uses a film scanner to digitize historical negatives.
6. Nathan Anderson measures a map for cataloging.
7. Leslie Morris-Smith with a 1902 book from the Morris’s library.
8. Nathan Anderson prepares a map for storage and preservation.

Photos by Mellany Armstrong.

We welcome you to learn more about the [Morris Archives](#), explore our [digital collections](#), and read stories of archival objects in the series, [“From the Archives.”](#)

Urban Forestry Consultants

A unique service offered by Morris Arboretum & Gardens

Arboreta generally serve one or more of four purposes: display, education, research, and conservation. Part of the mission statement of the Morris Arboretum & Gardens is “to inspire an understanding of the relationship between plants, people, and place through education, research, and horticultural display.”

To fulfill this mission, the Morris offers a unique outreach consulting service known as the [Urban Forestry Consultants](#). Situated within the Morris’s Education Department, the team contributes significantly to the arboretum’s educational objectives, and the fees generated by the consulting team directly support the Morris’s wider mission and goals.

We provide tree-related consulting services to a diverse range of clients—architecture and landscape architecture firms, educational institutions, construction and other businesses, lawyers, professional organizations, cemeteries, homeowners associations, and all levels of government—effectively introducing the Morris brand to a regional professional audience.

HIGHLY SKILLED

Comprised of an [International Society of Arboriculture](#) board-certified master arborist, an urban forestry technician/registered landscape architect, and the Martha S. Miller and Rusty Miller Endowed Urban Forestry fellow, the team boasts a highly skilled roster. Several former fellows and interns have earned their arborist certification while working at Morris and have gone on to have significant roles in the industry, both locally and internationally.

The University of Pennsylvania is our largest client. In collaboration with Office of the University Architect within [Penn’s Facilities and Real Estate Services \(FRES\)](#) division, we oversee the management of the Penn Campus Arboretum’s 6,700 trees. That includes tree

inventory and assessment services, managing the tree database, helping to supervise Penn’s tree pruning/removal, and writing and implementing tree and tree-care policy. The team also contributes to increasing the city’s tree canopy cover through its involvement with the University’s [Creating Canopy](#) program, which distributes free trees to Penn staff for planting in Philadelphia.

We use state-of-the-art diagnostic equipment and digital data collection tools like CAD and GIS software to serve a wide variety of client natural resource needs. We are integrated with the Morris’s School of Arboriculture professional education program and the annual Morris/Haverford College Tree Canopy Conference. The lead consulting arborist presents a variety of germane topics to professionals at local, regional, and international conferences and participates in regional professional organizations, advisory committees, and greening initiatives such as the [Philly Tree Plan](#) and [TreePennsylvania’s Bare Root Tree](#) program.



Above: Scott Todd, Matt Walker and Jason Lubar of the Urban Forestry Consultants assess a declining street tree on Penn’s campus.

COMING SOON

New Signs in the Gardens

BY BRYAN THOMPSON-NOWAK, *Director of Education*

It's one thing to get lost in the lush beauty of a garden, but it's another to be so lost you can't find your way out.

That has sometimes happened with some of our guests at the Morris Arboretum & Gardens, but we are working to make sure that directions and information about our plants and other garden features are clear and informative.

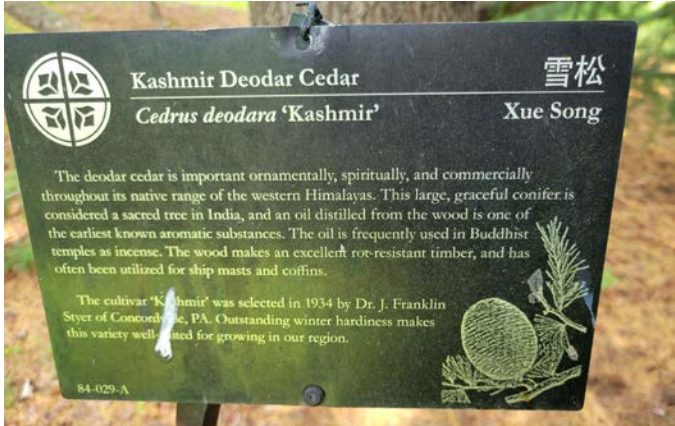
We have partnered with the consulting firm Gecko Group to identify and assess the shortcomings. Through site visits, conversations, and workshops with staff, Gecko Group will chart a path for us to having interpretive and directional signs that ensure the visitor experience is elevated through these elements. The result will be an Interpretive Master Plan (IMP) that will have clear steps that keep our priorities and values at their core. With this document we will then begin the process to seek funding for the creation, development, and installation of new signs in the Gardens.

FILLING A GAP

Those of you who have walked through the Gardens may have noticed that our interpretive signs are made of a variety of materials, differ in design styles, and have an inconsistent tone and voice in the written content.

You may also have noticed that the location of signs is inconsistent, with some areas heavily signed and others with no signs in sight. Also, if you're a new visitor, you may have found yourself lost and unsure of how to find your way back to the parking lot. Our directional signs blend into the background with their dark color and low height, and often they aren't much help, with some guests resorting to calling our reception team to get them back to their cars.

The Education Department does a great job of providing ways for visitors to engage, go deeper, and learn from our staff, volunteers, and other professionals. However, with 170,000 visitors coming through our gates each year, our formal programs may only reach 10 to 15 percent of them. Our volunteers each day interact with many thousands more, but we still fall short of connecting with every single attendee. Our interpretive panels in the Gardens fill this gap and provide an easy way for visitors to pick and choose what interests them, learn something new, and invite them to pause and engage more deeply with a plant or feature. We look forward to providing more meaningful, informative, and beautiful signage for our guests in the near future.





Morris Talks Trees

The Philly Tree Plan & the 10th Annual Tree Canopy Conference

2023 WAS A BIG YEAR FOR PHILADELPHIA'S URBAN FOREST, AND THE MORRIS ARBORETUM & GARDENS WAS AN IMPORTANT PART OF THE CONVERSATIONS THAT WILL SHAPE OUR CITY'S TREE CANOPY FOR YEARS TO COME.

Jason Lubar, associate director of Urban Forestry at Morris Arboretum & Gardens, plants one of 1,770 trees during the Pennsylvania Horticultural Society's fall planting event in November 2023. Photo by Colonial Canopy Trees.

In February 2023 Philadelphia released the city's first-ever urban forest strategic plan—the [Philly Tree Plan](#). Morris Associate Director of Urban Forestry Jason Lubar was one of 20 committee members who provided important input to guide the plan throughout its development. In support of citywide equity and sustainability goals, the final document sets a 10-year strategy to grow, protect, and care for the city's tree canopy, and establish new ways of working to combat climate change.

A few months after the plan's release, the city received some big news. In support of the plan, Philadelphia received a \$12 million grant from the United States Department of Agriculture. This funding will represent a significant bump to the \$2 million the city currently spends each year on the urban forest.



Recognizing that this moment is a time of great growth and opportunity in Philadelphia's urban forest, the Morris Arboretum & Gardens convened the 10th Annual Tree Canopy Conference on October 20, 2023. Gathering over 120 stakeholders in our urban forest, Morris took the lead in coordinating this annual daylong conference, which focused on the future of our city's trees at this time of change and possibility. Throughout the day, speakers discussed that while the future is promising, this moment calls for careful planning and raises important questions: How can we work with the urban forest while also making sure that we're protecting and stewarding what we have? How do we value trees throughout their lifecycle? Where is there room for new growth and opportunity, and how can city businesses promote good stewardship? The day was full of important conversations that will continue in the months and years to come.



Above: The Tree Canopy Conference is held in partnership with Haverford College Arboretum, and takes place in the Stokes Hall Auditorium on the Haverford campus. Photos by Stephanie Bruneau.

Morris is a beautiful place to see and learn about trees, but behind the scenes, our Education and Urban Forestry teams play an important role in the tree cover far beyond the Morris's gates. Our involvement and leadership in these big conversations about our urban forest is exciting and will help lead the city to a green and sustainable future.

LOOKS LIKE

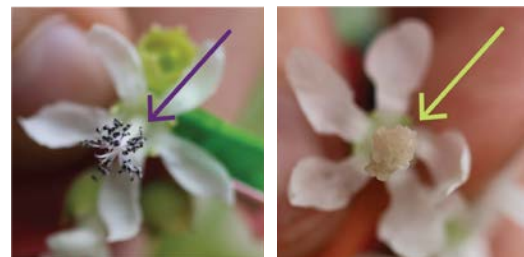
Rain



New research at the Morris uncovers responses to rainfall in Virginia mallow flowers

BY EMILY HUMPHREYS, Eli Kirk Price Plant Science Fellow

Above: A hover fly visits Virginia mallow flowers. Right: A Virginia mallow flower with open, purple anthers before rainfall (purple arrow) and one with closed, beige anthers after rainfall (green arrow). Photos by E. Humphreys.



The environment is constantly changing. Conditions fluctuate between warm and cool, shaded and bright, and wet and dry. Through all of this, plants remain rooted. Unable to seek out the conditions they prefer, plants rely on the ability to respond to the world around them.

Recently, the Plant Science Department at the Morris has been studying this ability. In summer 2023, we [published a paper in the journal *Ecology and Evolution*](#) detailing dramatic responses to rainfall in Virginia mallow (*Ripariosida hermaphrodita*) flowers.

Virginia mallow belongs to the plant family Malvaceae which includes familiar favorites like cacao, cotton, and hibiscus. This fascinating herbaceous perennial is found on riverbanks and roadsides in eastern North America, yet despite its relatively broad range, the species is listed as vulnerable by [NatureServe](#).

During the summer of 2022, we took daily observations of the plant's flowers. We noted the emergence of different floral parts, the presence of pollen, and the color of various structures. After weeks of observing the flowers, we thought we knew what to expect. That's why we were so surprised the first time we experienced a heavy rainfall. The day before this rain, the flowers had purple anthers that were open and releasing pollen. After the rain, those same anthers were shut tightly and

became a translucent beige color. We observed this pattern over and over with each major rain event.

Next, we attempted to recreate what we were seeing. We ran a greenhouse experiment exposing some Virginia mallow plants to overhead watering while others stayed dry. Sure enough, only the anthers of the flowers that received overhead watering underwent a transformation.

Finally, we captured this process in action. By taking images while continuously spraying flowers with water, we created time-lapse videos showing the transition in anther openness and color.

In our recent paper, we presented these results. To our knowledge, this is the first report of anther closure after rain in the plant family Malvaceae and the first-ever report of floral color change brought on by rainfall. In other words, we discovered something new.

Like most discoveries, our research invites many questions. How common are rainfall-induced floral color change and anther closure? What processes are happening inside the plant to allow these changes to happen? What do these responses mean for Virginia mallow reproduction? Each of these questions presents new opportunities as we work to learn more about this fascinating plant.



Native Plant Collection and Propagation

BY IAN DALY, *Martha J. Wallace Plant Propagation Fellow*

During the summer and fall of 2023, horticulture staff at the Morris made trips to nature preserves throughout the Delaware valley region, toting paper bags, pole pruners, and muck boots. With the help of John J. Willaman Director of Plant Science Dr. Tim Block and Natural Lands Manager Ryan Drake, they located target specimens of more than 20 species of plants and gathered small quantities of seed from each. This represents a small step in a larger effort to bring species to the arboretum that are regionally native but not already in the living collection.

What has arrived in the hands of Morris propagator Kyra Matin and Martha J. Wallace Plant Propagation Fellow Ian Daly is currently being processed. This calls for an entertaining affair not limited to the sifting, threshing, soaking, blending, chipping, smearing, blowing, burning, and chilling of seeds to prepare them for germination. In time, the resulting specimens will become

valuable tools for research and interpretation, not to mention the ecological services they will provide to flora and fauna. For now, many are still tucked away in refrigerators to mimic outdoor overwintering, allowing seeds to develop safely and reliably in preparation for robust germination.

Some of the collections have been especially satisfying to grow. An early arrival of diminutive seeds from a bigtooth aspen

(*Populus grandidentata*) germinated promptly and have already matured to fill one gallon nursery pots. Others will require much more patience, as with partridgeberry (*Mitchella repens*). After fruit pulp is removed by hand, these seeds will require multiple cycles of warm and cool temperatures to germinate. Propagators may not see green for up to three years.

While out in the field, the Morris team didn't hesitate to make some opportunistic collections along the way in service of the wildflower fans among us. Some of these finds include seeds from a rosepink (*Sabatia angularis*), closed bottle gentian (*Gentiana andrewsii*), and rock harlequin (*Corydalis sempervirens*). A few such pleasant surprises made up for the occasional letdown of finding empty or undeveloped seed pods. Still, any unsuccessful collection attempts offer invaluable insights for next year's collectors!



FALSE Mermaid

A common, but often overlooked native spring ephemeral

BY TIMOTHY A. BLOCK, PhD, the John J. Willaman Chair of Botany and Director of Plant Science

“False mermaid” may conjure thoughts of an AI-generated mythical sea creature, but it is actually the name of one of our most interesting and least-noticed native spring ephemerals (plants that complete their yearly life cycle before the trees leaf out). This fanciful common name for *Floerkea proserpinacoides* alludes to the plant’s similarity to mermaidweed, the common name given to species in the genus *Proserpinaca*. False mermaid is the only species in its genus, and the only member of the meadowfoam family (*Limnanthaceae*) that grows in the Eastern U.S. False mermaid is closely related to the mustards (*Brassicaceae*) and even has a spicy, peppery taste when eaten.

False mermaid is a spring ephemeral in the truest sense of the term, taking only about 60 to 70 days to complete its life cycle from seed germination to senescence. In our area, false mermaid seeds germinate in late winter or early spring and flowers are produced from mid-April to May. By the time the trees are in full leaf, false mermaid has done its thing for the year.

False mermaid is an annual that may reach a length of 15 inches, but rarely stands more than 8 inches tall due to its weak stems and tendency to flop over as it grows. Each plant bears five or six alternately arranged, pinnately compound leaves.

The flowers arise singly where each leaf joins the stem and are rather small, only about 5 mm across when open. False mermaid flowers each have three sepals, three petals, six stamens, and three ovaries. Each ovary contains a single ovule, however. Usually only one seed is produced per flower. The very small seeds are probably moved about only by flowing water as no animal dispersers are known. Although the flowers of false mermaid have small, nectar-producing glands, insects rarely have been observed to visit the flowers and this species is believed to be mostly self-fertilizing.

False mermaid grows mostly on wooded floodplains in our region where its often-large patches are sometimes mistaken by the casual observer for a grass or a sedge. To find false mermaid locally this spring, look on the wooded floodplains of these streams and their tributaries: Neshaminy Creek in Bucks County, Perkiomen Creek in Montgomery County, French Creek in Chester County, and Ridley Creek in Delaware County.

While apparently secure throughout much of its range, false mermaid is of conservation concern in Connecticut, Iowa, Kentucky, Minnesota, Montana, Nevada, Virginia, and Wyoming.



Floerkea proserpinacoides as seen in April 2001 in the floodplain of Cooks Creek, Bucks County, PA. Photo by Timothy Block.



PLANTS IN THE AGE OF dinosaurs

IT'S A SUMMER OF DINOS...AND PLANTS!

Starting Saturday, May 25, and running through Monday, September 30, 2024, the Morris goes Mesozoic! Visitors are invited to discover *Plants in the Age of Dinosaurs*—a self-guided exhibition featuring plants in our collection with roots that go back to prehistoric times. There is also a brand-new dinosaur exhibition in the *Garden Railway, Garden Railway: Dinos!* Plus, there will be a pop-up paleontologist's cottage featuring hands-on "dig stations," special family-friendly programming including Fossil Fridays, dino story time, and much more!

COMING THIS SUMMER!



Exuberant blooms

A POP-UP GARDEN

Exuberant Blooms, our annual modern take on Victorian flower carpets, gets even HOTTHER this summer with eight beds of bigger, bolder, brighter, and more beautiful flowers! Spread over more than a quarter-acre of open garden, the large paisley-shaped floral "islands" contain more than 10,000 plants with heights ranging from 8 inches to 8 feet. Hot colors dominate this year's exhibition with a wide variety of annual and tropical plants of vibrant orange, pink, red, and purple flowers all vying for attention. And while there will be new and interesting foliage for visitors to admire (and hummingbirds and birds to enjoy!), we are also bringing back many of your plant favorites from last year. *Exuberant Blooms* is sponsored by The Powder Mill Foundation and Ball Horticultural Company. Check morrisarb.org/exuberant-blooms for dates!



MEMBER EXHIBITION NIGHT

Thursday, June 27
5:30 – 8:30 pm

Experience *Summer of Dinosaurs* during this exclusive members-only evening. Weckerly's Ice Cream will be on-site with popsicles and ice cream sandwiches in the Garden for purchase. Premier members receive two free Weckerly's Ice Cream vouchers per member household at check-in. Registration is required and spots are limited. Get more information at morrisarboretum.org.



MEMBER PROFILE

Birds as Artistic Muse

Longtime members say the Morris is inspiration for art

BY CYNTHIA SCHEMMER, *Digital Marketing Coordinator*

Since 1998, Ken Januski and Jerene Schroeder have been members and frequent birders at the Morris. Their birding journey has strong roots here, offering them some of their first major sightings as well as inspiration for Ken's nature-based artwork. Now, 26 years later, Ken is ranked as Morris's top birder on eBird, having seen 160 species in the Gardens so far.

But Ken and Jerene aren't in it for the numbers.

One reason the married couple enjoys birding at the Morris is the diversity and vastness of the natural areas. Ken often brings his spotting scope, which needs a lot of space, and he found he could comfortably set up in the Wetland. The scope not only offers a more magnified view than binoculars, it enables him to watch birds with two free hands to draw. "A lot of my education about birds occurred from drawing them at the Morris," said Ken. "Most people don't work that way—they work from photographs, but you miss so much in photographs. Plus, there's not the thrill."

Ken started his art career as an abstract painter, receiving an MA from Berkeley and an MFA from Cornell in studio art. He got disenchanted with the contemporary art world in the early 1990s, when he says too much verbiage began accompanying artwork. He began looking toward nature, and when he and Jerene joined as members, the world of birds became his muse.

"It's a very complex world," said Ken. "I like the idea of showing real behavior." He describes a sighting along Paper Mill Run, where a downy woodpecker was backdropped by two Canada geese feeding on grass. He did some quick sketches, and created a linocut print of the scene. "It's an unusual juxtaposition, but that's part of the fun of birding—seeing these unusual things that happen. The more you learn about birds and nature in general, the more you see that. There are a lot of ways to be creative when looking at nature."

Some of their favorite birding moments at the Morris include seeing a Philadelphia vireo in the Wetland (a rare bird to see in the city, despite its name), noticing a nesting phoebe near the Welcome Center every spring, and witnessing an American kestrel feasting on a robin. Most fondly, though, they saw their first-ever bald eagle at the Morris. It was 2010, the middle of winter in the Wetland, and, according to eBird, it was the first recorded sighting of this then-rare bird at the Morris. Ken went home to paint a watercolor of the bald eagle flying off. "There's always a new surprise here," he said.



“A lot of my education about birds occurred from drawing them at the Morris.”

KEN JANUSKI



SEE MORE OF KEN JANUSKI'S ARTWORK ON HIS [WEBSITE](#).



A Career Shift to Fulfill a Dream

BY MARTIN BUDAY, *former Charles S. Holman Jr. Rose & Flower Garden Intern*

Life is full of regrets, but you will never regret chasing your dreams. I have come into the horticulture world somewhat later in my life and have dedicated myself to pursuing this new passion as enthusiastically and immersively as I can.

I am in my second year of a three-year horticulture certificate program at the Barnes Arboretum and this past fall I completed a nine-month horticulture internship at Morris Arboretum & Gardens. In June I begin a summer internship at Laurel Hill Cemetery.

At Morris I was taught by an extremely talented and passionate group of horticulturists, and I feel confident that I now have a strong gardening skill set along with a much greater awareness of nature and how to properly care for it. The Morris has long been a very special place for me and my family, having brought my children here since they were infants. It was therefore an honor and privilege to help steward the Morris while engaging with the grounds on a much deeper, intimate, even spiritual level.

My long-term goal is garden design, and I'm most interested in naturalistic design using native plants as much as possible. While I pursue this, I would like to work in a public garden because they are essential for the health and well-being of the community. I have worked

for the National Park Service and am passionate about public service and education. My background is in the fine arts (I hold an MFA in photography from the Savannah College of Art and Design) and have been working [as a photographer](#) for the past 20 years. Horticulture is somewhat of a career shift, but I believe great garden design is another art form. For me the art lies not simply in the aesthetics of design but more essentially as healthy ecological land stewardship where the focus is on wildlife and conservation.

I am an avid and passionate gardener and am currently restoring a section of riparian woodlands in my backyard adjacent to the Tookany Creek in Wyncote.

It is of the utmost importance to me that I pass this education and training down to my children (now ages 7 and 5) so they can have an informed and grounded foundation built upon love and respect for nature. The future of our planet depends on them. I recently gave a presentation at the [Barnes](#) on the grassland biome and during my research I came across this quote from a conservationist in Senegal, Baba Dioum: "In the end we will conserve only what we love. We will love only what we understand. We will understand only what we are taught."

See more of Buday's [photography](#).



Appreciating the Trees that Bring People Together

BY MATT WALKER

Martha S. Miller and Rusty Miller Urban Forestry Fellow

As the Urban Forestry fellow at Morris Arboretum & Gardens, I visit new places all over the Philadelphia region to see trees in their various states of life and meet the people that care for them. In a short time, I have grown to love these intertwined interactions between trees and people. Recently I had the opportunity to fly to another new place a bit outside of the Philadelphia region, leaving behind the verdant forest of the East Coast for the golden deserts of Albuquerque, New Mexico, to attend the International Society of Arboriculture (ISA) annual conference. The ISA is entering its 100th year of caring for trees, with its mission statement as follows: “Through research, technology, and education, ISA promotes the professional practice of arboriculture and fosters a greater worldwide awareness of the benefits of trees.” In other words, if you are a tree person, this is the place to be.

I have never attended a conference before, and as the sole attendee from Morris, I was nervous about being a good representative of our city and trees. Whatever anxieties I might have had quickly melted away during the keynote address when Florence Williams, author of *The Nature Fix*, stepped on stage. She spoke about how being in and amongst trees, appreciating their beauty, and being in awe of them can create a cascade of physical and mental health benefits. I sat there thinking about the green spaces in my life, like the grove of dawn-redwoods at Morris, and I could feel myself settling in and gathering excitement for the days to come.



CONNECTING THROUGH TREES

The ensuing time was filled to the brim with talks of trees from experts and professionals from all over the world. There were talks about building soil for trees, caring for trees during construction, Indigenous management of trees, fire management and trees, trees and their fungal interactions, and so much more. The air was filled with appreciation for the trees and the work that everyone was doing for them. In between talks, I met new people from different corners of the world and talked about their trees and their people while I described the Morris to them.

Inside the cavernous convention center gathering spaces there was a noticeable lack of trees, but that didn't seem to matter. I could still feel the cascading physical and mental benefits of a forest in those treeless rooms. It was the people who were creating a forest-like environment: welcoming, beautiful, and awe-inspiring. I was getting my nature fix from people.

The mission of Morris Arboretum & Gardens is to connect plants, people, and place. In other words, it is a place for plants and for people—there is no place if either is missing. The ISA conference sent me back to Philly with a deeper appreciation for the trees that bring people together, and for the people that make being together worthwhile.

STAFF UPDATES



Alice Brennan has joined the facilities staff. She has a degree in psychology and a minor in textiles and has background work in architectural sales and is a co-leader for her daughter's Girl Scout troop. In her spare time, she enjoys gardening.



Erin (Conley) Monda has been named lead horticulturalist. Monda served as the Morris's rosarian since 2021. In her new position, she is responsible for the English Park Section and will manage the daily operations of the Horticulture Department and seven horticulture staff.



Ben Helde is the new greenhouse assistant. He's originally from Seattle and is a recent graduate of the Longwood Professional Horticulture Program. He is studying horticulture at Temple and hopes to have a career in public gardening.



Henry Richmond-Boudewyns joins us as an assistant gardener. He is returning to the Morris after having been a summer seasonal worker several years ago.



Jess Mihalczo is a new assistant gardener. Jess has a background in advertising/communications. She's passionate about plants and makes candles in her time outside of work.



Anaïs Weilenman is a new Visitor Experience supervisor and will assist in overseeing daily visitor operations, providing rentals support, and managing frontline staff. She has recently worked in some galleries in New York.

NEW INTERNS

Welcome to the 2024 cohort, who will spend 9 to 12 months at the Morris! Left to right: **Zachary Gillespie**, the Hay, Honey Farm Natural Areas intern; **Luke Foering**, the Walter W. Root Arboriculture intern; **Kelsey Tagg**, the Alice & J. Liddon Pennock Jr. Horticulture intern; **June Murray**, the McClean Contributionship Youth & Visitor Education intern; **Charlie Wilson**, the McClean Contributionship Adult Education intern; **Max Dupont**, The Martha J. Wallace Plant Propagation fellow; **Claire Coss**, the Walter W. Root Arboriculture intern; **Wren Lucas**, the Charles S. Holman Jr. Rose & Flower Garden intern; **Anna Garrison-Bedell**, the Charles S. Holman Jr. Rose & Flower Garden intern; **Phoebe Mack**, the Alice & J. Liddon Pennock Jr. Horticulture intern.



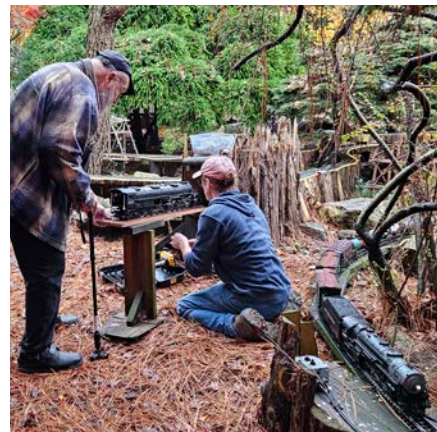


▲ SUMMER IN THE GARDENS

CBS Philadelphia showcased five areas of the Morris in its [SummerFest](#) series on July 21, including a segment with longtime Garden Educator volunteer Irv Leventhal.

▼ DYNAMIC DUO

Our Garden Railway trainmasters, Bruce Morrell and his grandson Josh Faia, [were interviewed](#) by the *Philadelphia Inquirer*.



▼ PUMPKINS GALORE

The [new Morris Pumpkin Cottage](#), decorated with more than 800 pumpkins, delighted visitors of all ages and provided the perfect fall selfie spot.



▲ HGR ON NFL

The [Holiday Garden Railway](#)—with Eagles and Giants rail cars, an Eagles helmet, a Linc train station, and 3D-printed fans—was highlighted on the December 25 pregame and game coverage of the two teams. The best gift? The Eagles won!



◀ SCARECROW WALK

Guests took a time trip into “The 1990s” for the 16th annual Scarecrow Walk, with iconic 1990s “scare-acters” celebrating the Morris’s 90th anniversary.

Moonlight & Roses

JUNE • 07 • 2024

KRISTEN CASALENUOVO, *Manager, Moonlight & Roses*



Tickets on sale now for our annual fundraising gala, *Moonlight & Roses*, which will be held on Friday, June 7, 2024.

The event begins with cocktails and hors d'oeuvres in the fragrant and colorful Rose Garden followed by dinner, dessert, and dancing under the stars in our signature clear-top tent. This not-to-be-missed party generates support for the Morris's renowned collections and beautiful garden features, as well as its research and education programs.

This year we are pleased to honor Joseph Manko, a pioneer in environmental law and founding partner of Manko, Gold, Katcher & Fox LLP. Prior to founding the firm in 1989, Joe founded and chaired the Environmental Department at Wolf, Block, Schorr, and Solis-Cohen. From 1973 to 1975, he served as Regional Counsel for the EPA. He is the past chair of the Pennsylvania Environmental Council, former vice chair of the State Water Law Committee of the Pennsylvania Bar Association, and past chair of the Environmental Law Committee of the Philadelphia Bar Association. Joe served on Pennsylvania's 21st Century Environment Commission and chaired the Board of Directors of the Pennsylvania Infrastructure Investment Authority (PENNVEST) from 2003 to 2012. He is still active on the board of directors of the Fairmount Park Conservancy and the Philadelphia Orchestra.

We are also delighted to pay tribute to institutional honoree Comcast NBCUniversal|Environment. As a global media and technology company, Comcast is taking action toward a greener future by using its content and platforms for good and reducing its carbon footprint—going carbon neutral by 2035. To meet this

ambitious goal, Comcast is focused on sourcing clean and renewable energy to power its operations and network, improving network energy efficiency, and designing environmentally friendly products and packaging. Since 2019, Comcast has reduced enterprise-wide greenhouse gas emissions by more than 30 percent. Comcast's Philadelphia headquarters include two of the tallest LEED-certified buildings in the U.S. The Comcast Center is LEED Gold certified and the Comcast Technology Center is LEED Platinum certified—the highest green building designation.

Chairing the 2024 *Moonlight & Roses* Planning Committee is Ruth Chang, who has been a member of the committee since 2019. For 19 years she has lived in Blue Bell with her family and has been involved at Morris Arboretum & Gardens for just as long. She and her husband, Tai, are Director's Guild members. An enthusiastic gardener and environmentalist, Ruth is the vice chair of Whitpain Township's Environmental Advisory Council.

Tickets are available now online at MorrisArboretumGala.org. Advance ticket purchase is required, and space is limited. Opportunities are also available to become a corporate sponsor or to place an ad in the event program book. For more information or to request an invitation, please contact Kristen Casalenuovo at (215) 247-5777, ext. 418 or kcasal@upenn.edu.



▲ Penn alumnus William (Bill) Hohns '74 and his wife, Kathie, established Enabling Student Cultural Access to Penn Entities (ESCAPE) in 2008 and they recently renewed their support with a \$150,000 gift to support programming to bring Penn undergraduate students for experiences at Morris Arboretum & Gardens. *Bill and Kathie Hohns at University of Pennsylvania Class of 2026 tree planting ceremony.*

▼ [Retired F. Otto Haas Executive Director, Paul W. Meyer \(1952 – 2023\)](#) dedicated his adult life and career to Morris Arboretum & Gardens with more than 40 years of service and 27 years as the executive director. Extraordinary travel experiences enriched both Paul's and his wife Debbie's academic, professional, and personal lives. In 2004, Paul and Debbie established the Paul W. Meyer and Debra L. Rodgers Travel Study Endowment for Morris to fund extraordinary staff travel. Upon his passing, more than 120 gifts totaling \$80,000 were donated in his memory. A list of donors can be found on page 28. *Paul W. Meyer (second from left) in Hubei, China in 1994.*



▲ Advisory Board of Managers member Jan Albaum and her husband, Harry Cerino, have established The Jan Albaum and Harry Cerino Native Plant Research Endowment in Memory of Martin Albaum with a \$100,000 contribution. Jan is a passionate gardener with a keen interest in plant and pollinator relationships and her father, Martin, was a social science researcher. Annual income from this fund will provide new opportunities for Morris to embark on research in this area, and any additional gifts will allow for further expansion of this effort.



▲ The Arcadia Foundation has made a generous grant to support, in part, the restoration and revitalization of the Morris's iconic Seven Arches, a century-old architectural feature that offers visitors exceptional sweeping views of English Park and the gardens beyond. The Stanley Smith Horticultural Trust contributed funds to support the purchase of a zero-turn electric mower, which enhances and streamlines turf maintenance throughout the Gardens.



◀ Wawa has renewed its support of the Morris's Active-Duty Military Free Admission Program. It provides free general admission to Army, Navy, Air Force, Marine Corps, Coast Guard Active Duty and Reservists, National Guardsman (regardless of status), U.S. Public Health Commissioned Corps, NOAA Commissioned Corps, and up to five of their family members. In 2023, 1092 active-duty military and their families visited the Morris through this program.



Left: Fishermans Bay Garden. Below, top to bottom: Josie Martin of the Giant's House speaking with travelers David and Carol Perry, with Richard Lyon in background; Jill Simpson of Fishermans Bay with travelers Nina Schneider, Tim Greenwood, Larry Kerson, Toba Kerson, Carol Perry, and David Perry; and Richard Siller, Myke Rodgers, Carole Haas Gravagno, Tim Greenwood, and Nina Siegler in Doubtful Sound. Right page, clockwise from top left: The Giant's House; Jill Simpson at Fishermans Bay Garden with Carole Haas Gravagno, Gary Fisher, Carole Perry, and Richard Siller; Christchurch Botanical Gardens; travelers with Diana and Ian McKenzie of Akanui; Fishermans Bay Garden; Parapuma; The Giant's House; at the Hooker Valley Track trailhead near Mount Cook. All photos by Alison Thornton.

Gardens, Wine, and Wilderness

A Tour of New Zealand

Seventeen travelers enjoyed a three-week tour of New Zealand in January 2024. From remarkable private gardens to extraordinary natural beauty, the sightseers experienced the unique flora and fauna of New Zealand.

“I anticipated 30 days of touring Morris Arboretum-like public gardens with a few unusual opportunities for side trips,” said Tim Greenwood of Wyndmoor, PA, who was joined by his wife, Sandy. “It was so much more than that. ... What an introduction to NZ politics, wildlife, history, city life and home life amongst our gracious hosts. For me, (it was) a remarkable chance to also learn the history of New Zealand and, in particular, that of the Maori culture. Can't thank you enough.”

These photos are just a few of the highlights from the trip, which included tours of a dozen private gardens and a few public gardens on both the North and South islands.





From remarkable private gardens to extraordinary natural beauty, the sightseers experienced the unique flora and fauna of New Zealand.



SPRING // 2024

morris arboretum & gardens

Courses

Make the Most of Spring *Treat yourself to a course at the Morris!*

Spring is a time of new growth, for plants and for people, too! Learn a new skill or explore a new hobby with a continuing education course in the Gardens. With over 90 programs happening this spring, we have something for everyone.

CREATIVE EXPRESSIONS

Weave Your Own Macrame Creation

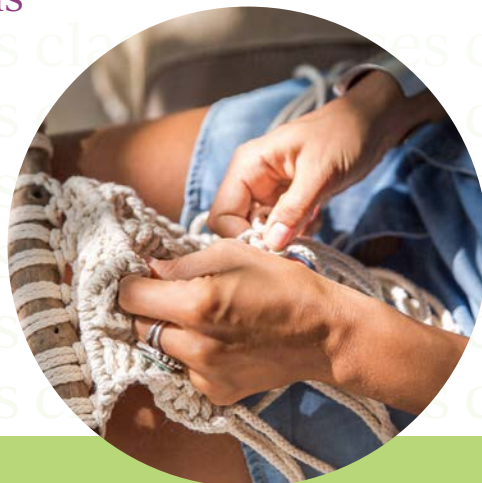
Angela Boltz
Fiber artist

Saturday, April 20
10:00 am – 12:00 pm

Handprinting from Nature

Laura Bethmann
Artist, author, and workshop leader

Friday, June 21
9:30 am – 12:00 pm



HEALTH & WELLNESS

Nia Dance

Lisa Zahren
Mindful dance instructor

Session 1
April 24, May 1, 8 | 10:00 am – 11:30 am

Session 2
May 15, 22, 29 | 10:00 am – 11:30 am

Chair Yoga

Megan Do Nascimento
Wellness instructor

Four Thursdays
June 6, 13, 20, 27 | 10:00 – 11:00 am



Mid-Atlantic Plant Research

CONFERENCE

A FOCUS ON FOREST HEALTH

HORTICULTURE & DESIGN

Private Gardens of Philadelphia

Nicole Juday

Author, garden writer & speaker (online)

Thursday, April 25

7:00 – 8:30 pm

All about Rhododendrons

Karel Bernady

American Rhododendron Society

Saturday, May 11

10:30 am – 12:00 pm

PHOTOGRAPHY

Introduction to Wildlife Photography

Troy Bynum

Wildlife photographer, avid birder

Sunday, April 28

10:00 am – 12:00 pm

Smarter Phone Photography

Sarah Claxton

Photographer, educator, author

Friday, May 24

10:00 am – 12:00 pm

CULINARY ADVENTURES

Family Cooking with Moji Masala

JD Walsh and Shireen Qadri

Saturday, April 13

10:00 am – 11:30 am

Kim Chi Party!

Joanna Eun

Kimchi enthusiast, cooking instructor

Saturday, May 11

10:00 am – 12:00 pm

FRIDAY, MAY 31

8:30 AM – 4:30 PM

This conference has been submitted to carry 6 LA CES and ISA CEUs.

It is no secret that plants in our region are facing new challenges to their survival, growth, and reproduction due to a variety of threats that includes land use change, habitat loss, climate change, and more. One of the places this is most keenly felt is in our regional forests.

Join us either in-person or virtually as we bring together a panel of plant scientists and conservation experts for an intensive one-day conference that highlights the intersection of plant science and conservation.

Whether you work in conservation, forestry, arboriculture, landscape design, or plant science—or are simply interested in forests—you will learn about innovative plant research as well as how we can work to address the challenges forests face in the Mid-Atlantic Region in a multi-disciplinary way.

Speakers include Elan Alford, PhD, plant conservation scientist, and Nathan Shampine, natural lands manager, Mt. Cuba Center; Emile DeVito, PhD, manager of science and stewardship, New Jersey Conservation Foundation; Matt Kasson, PhD, mycologist & forest pathologist, West Virginia University; Randall Morin, research forester, US Forest Service; and Jared Westbrook, PhD, director of science, American Chestnut Foundation.

In-person and virtual attendance is available. Lunch is provided to all in-person attendees. In-person seats are limited – register NOW for this unique opportunity, easily accessible to individuals in the Philadelphia area. To register, go to morrisarb.org/conferences.



MORRIS HOSTS DUEL ON THE DELAWARE

Morris Arboretum & Gardens hosted the 2023 Duel on the Delaware on Saturday, November 4, 2023. Arborists from three area chapters of the International Society of Arboriculture used their tree-climbing skills and ingenuity to compete in events such as Cat Rescue, Lawn Bowling and Token Grab with speed, precision, teamwork, and safety. The Penn-Del Chapter bested the MidAtlantic and New Jersey chapters for bragging rights.

Penn Class of 2027 Puts Down Roots

Last October, Morris Arboretum & Gardens once again joined Penn students in their annual class tree planting during Homecoming weekend. This green and leafy tradition began in 2011. Since then, first-year classes have voted for and planted a class tree. The Class of 2027 chose a black tupelo (*Nyssa sylvatica*), which was planted on the north side of Locust Walk near the Penn Colonial Center. It's the 17th tree of the program. This initiative helps to beautify the campus and instill a deeper sense of belonging for first-year students as they put down their own roots at Penn.

Bill Hohns (W'74) and his wife, Kathie, longtime supporters of Morris Arboretum, have financially sustained the tree-planting tradition from its inception. In 2018, Hohns endowed the program so it would become a permanent fixture at Penn. In 2022, Bill Hohns received the Alumni Award of Merit, Penn's highest alumni honor, for his inspired philanthropy and decades of engagement.



SAVE THE DATE

Member Plant Giveaway

SATURDAY, MAY 18 & SUNDAY, MAY 19
AT BLOOMFIELD FARM

Advance registration is required.

Registration opens to all members on April 4, 2024.

**Bloomfield Farm is opposite our main entrance on Northwestern Avenue.*

The Member Plant Giveaway is back! We have something for everyone, with more than 38 available plant options—from a tree seedling with the potential to grow 30 feet tall to a variety of perennials and choice ferns! Whether you are a seasoned gardener or are planning to dig in for the first time, our experienced staff will be on-site to answer your questions.

All members are welcome on Saturday, May 18 and Sunday, May 19 from 9:00 am – 1:00 pm, rain or shine. Registration is required. Register at morrisarb.org/plantgiveaway.

Premier Members see it first on *Friday Early Access Night*, May 17, from 4:00 – 7:00 pm! Advance registration required. Not a Premier Member? Consider upgrading today and strengthen the Morris Arboretum & Gardens with a Beech, Chestnut, Holly, Oak, Laurel or Collectors Circle [membership](#).



A MESSAGE FROM THE GREENHOUSE

Sharing the love of plants is the foundation of all the work we do here at the Morris, so when we get to connect with and distribute plants to our community, it is truly our work coming to fruition. While we are still toiling away in the greenhouse, sowing seed and striking cuttings, we are on track to offer a wide range of plants, from trees and shrubs to some choice ferns and perennials. One tree we are particularly excited to share is Longleaf pine, *Pinus palustris*. The Morris has one 30+ foot specimen growing by the Garden Railway and last fall added four more that were grown here from seed collected directly from the wild. Before getting planted in the ground, the *P. palustris* spent the summer delighting visitors in large terra cotta pots on the Fernery Plaza. Visitors seemed so enchanted by them that we decided they'd be a great plant for people to have at home!

KYRA MATIN, propagator at Morris Arboretum & Gardens



Former greenhouse assistant Emilia Zabegay (left) and Nora Wildberg, John J. Willaman & Martha Haas Valentine curatorial assistant, with the lovely *Pinus palustris*.



Did you know

that the legacy of Morris Arboretum & Gardens' plant distribution tradition started nearly 100 years ago in the will of Lydia Morris? In addition to distributing plants to other public gardens, the Morris has maintained Lydia's wish of sharing plants with members, continuing again this May with you!

TRIBUTE & MEMORIAL GIFTS

The Morris Arboretum & Gardens is grateful to the following donors who made tribute and memorial gifts between August 1, 2023, and February 29, 2024.

In honor of Jan Albaum & Harry Cerino's 25th Wedding Anniversary

Jan Albaum & Harry Cerino

In memory of Martin Albaum

Jan Albaum & Harry Cerino

In memory of Beatrice Bast

Margie & Jeffrey Honickman
Richard Scheff

In memory of Pauline Carmichael

CubeSmart Legal Team

In memory of Ruth Cilio

Katie & Paul Kennedy

In honor of Sandra Clapham

June & Robert Clapham

In memory of Audrey Conolly

Barbara Yerkes

In memory of Thomas G. Corley

Anonymous

In memory of Karen Detwiler

Ruth & Jules Mermelstein

In honor of Diana & Stuart Donaldson

Mary Jane Raymond

In honor of Ewelina Flamm

Anna Rose

In memory of Ralph Henderson Hood

Veronica & Robert Connor

George Deming
Nancy & Will Hood

Mary Kate Lo Conte
Carolyn & William McGuckin

In memory of Anne Kaplan

Meredith Savery

In memory of Jim Kippen

Stephanie Ravett

In memory of Dietmar Kohler

Bonnie Slutzky

In memory of Lee Laden

Mary & Richard Graham

In memory of Malissa

Bonnie & John Berch

In memory of Joan F. McCracken

James C. McCracken

In memory of Paul W. Meyer

Anonymous (2)
Amy Adler
Jane & Abass Alavi
Jan Albaum & Harry Cerino
Joan & Robert Anderson
Valerie Arkoosh & Jeffrey Harbison
Marc Armstrong
Bruce Belzak
Charlotte C. Betancourt
Brian Block
Margaret & Nathaniel Bowditch
Joan N. Brantz
Sylvia Brasler
Peter Bristol
Susan & Richard Brown
Randi Carr
Kristen Casalenuovo
Joanne Ceballos

The Chanticleer Foundation

Alexandra Chiu
Margot & Jeffrey Clark
Louise Clarke & Katherine Leighton
Hilary & Michael Clayton
Barbara & Richard Cooch
Leslie Crane
Molly Crotty
Melissa & William Cullina
Tener Lewis Darcy & Thomas Darcy
Ellen Day
Mark Delestadius
Adriana della Porta
Pam & Gerry Donnelly
Nick D'Orazio
Martha Ebert-Baum
Jean Eicherly
Elizabeth Emlen
Erica Erignac
Johannah Fine
Felice Fischer
Joseph & Joan Fitzgerald
Margaret A. Foley
Maryann Franklin
Margaretta Frederick
Nancy Frederick
Garden Adventures Ltd.
Joseph Gerber
Deborah E. Glass
Linda & David Glickstein
Mary & Richard Graham
Joe Greipp
Madelyn Ladner & Robert Gutowski
Janet & John Haas
W. Martin Harrell
Ellen & Jay Hass
Mallary & James Hatch
Charles W. Head Jr. & John Faggotti

Donna W. Hecker
The Hill at Whitemarsh
Pamela & James Hill
Tatnall Hillman
Natalie & Ralph Hirshorn
David Hollenberg
Mary Jo & Mark Hostetler
Elizabeth Jarvis
Yardly & Scott Jenkins
Barbara E. Johns
Teresa & Joe Kelly
Margaret & Alexander Kerr
Nancy Khan
Joan & Alan Kober
Jane & Leonard Korman
Family Foundation
William M. LeFevre
Augusta Leininger
Julia B. Leisenring
Marilyn & Stephen Leonard
Iris Levine
Lynn Lewis
Jennifer Lin & William Stieg
Mingwang Liu
Eleanor P. Lloyd
Gretchen Ludders
Richard Lyon
Joann Lytle
Jill MacKenzie
Anita M. Mastroieni
Elizabeth P. McLean
Elizabeth Ray McLean
Alan R. Metcalfe
Tom Morgan
Catherine & Hugh Moulton
Hiram H. Munger
Lorna & Lathrop Nelson
Edith Newhall & David Walters
J. Kenneth Nimblett
Donna O'Brien
Eileen & Kevin O'Rourke
Christine Pennock
Jane G. Pepper
Nancy Pontone
Shayne Raze
Robert Rittenhouse
Deborah Rodgers
Patricia & Robert Rodgers
Susie Rosen

Jean & Peter Schnorr
Lori Shoger
Marie D. Skelston-Witt
Anne & Baird Standish
Karen Strawhacker
Joyce & Charlie Streibig
Barbara Sutherland
Patrice Sutton
Sean Sweeney
Ann Tabone & Charles Mazza
R. William Thomas
Maria & Radclyffe Thompson
Alison & Brad Thornton
Ann Wilson
Betty & Theodore Wood
Mira Zergani & Antonio Quiles

In memory of Judy Miller
Sue Morgan & family

**In honor of the Morris
Arboretum Interns**
Eleanor P. Lloyd

In memory of Lucille Roland
Sharon & J. Christopher Miller

**In honor of Joan Root &
Stanley Walter Root**
Louise Root Melby

**In memory of Ralph
Thomas Schoonmaker**
Janet & William Lutz

In memory of John Shober
Cricket & Tony Frank
Ellen & Jay Hass
Cynthia & Martin Heckscher
Natalie & Ralph Hirshorn
Susan Jones
Dixie & Richard Klingaman
Janet & William Lutz
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