A Note from the Executive Director

PAUL W. MEYER, The F. Otto Haas Executive Director

Sustainability: Walking the Walk

When the Arboretum’s new Horticulture Center on Bloomfield Farm opened in 2010, the Arboretum community took great pride in achieving Platinum LEED (Leadership in Energy and Environmental Design) status, the highest rating of the United States Green Building Council. Today, this building continues to be an exhibit and model of sustainable design, integrating many innovative features such as green roofs, photovoltaic panels, solar hot water heaters, and geothermal wells. Regularly, professional architects, engineers, building managers, and students tour the building with our staff and volunteers to observe and learn the specifics of sustainable design. The Horticulture Center is still the only University of Pennsylvania Platinum LEED building, and one of only a few in Pennsylvania.

As an institution that advocates sustainable practices, it is important that the Morris Arboretum utilize and demonstrate a wide variety of techniques that help reduce our carbon footprint. We are part of the University of Pennsylvania’s Climate Action Plan, whereby we have committed to energy conservation, clean power initiatives, waste reduction, and other practices that advance sustainability.

With funding from a low interest loan from the University of Pennsylvania, we are now replacing lighting, heating, and air conditioning systems with modern, high efficiency systems in older buildings throughout the Arboretum. Not only will this significantly reduce the Arboretum’s energy use, but it also helps us advance the rejuvenation of aging building heating and cooling equipment. Cost savings from reduced energy consumption will allow the loan to be paid back with no adverse impact on the Arboretum’s operating budget.

Of course, the Morris Arboretum is known for its outstanding tree collection. Each one of our mature trees is a carbon sink, serving to sequester carbon, thereby reducing the net carbon emissions of the Arboretum. As a living museum, we aim to educate our visitors as to the important role that trees play in reducing carbon footprints. It has been estimated that the Arboretum’s trees sequester a total of 293 metric tons of carbon dioxide, offsetting 41% of the Arboretum’s carbon usage in 2015. This is a compelling example of the important role that trees play in counteracting global warming. Trees not only sequester carbon, but through transpiration and shading, they help cool buildings reducing the need for air conditioning.

Looking forward, we will continue to evaluate other conservation strategies, such as additional building insulation, using more power from renewable sources, and replacing aging and poorly sealed windows with those with a higher insulation value. Taken together, all of the above actions help to make the Morris Arboretum a model educational institution, demonstrating best sustainable practices and continuing to reduce its carbon footprint.

Photo: Paul Meyer
Preserving a Legacy

LESLEY CRANE, Development Communications Associate

Recently, the Morris Arboretum learned that friend and long-time member James Hill made a donation to Laurel Hill Cemetery to refurbish the Thompson-Morris family plot—the final resting place of Arboretum founders John Thompson Morris and Lydia Thompson Morris. Hill is enthusiastic about the history of Philadelphia. He says, “No place embodies Philadelphia history as much as Laurel Hill,” and he considers the Thompson-Morris family an integral part of that history.

John and Lydia’s father, Isaac Paschall Morris, founded the Philadelphia ironworks company, I.P. Morris & Co., the sale of which allowed John to retire at the age of 44. Shortly before the sale, the siblings purchased land in Chestnut Hill and began planning the grounds of their country estate, Compton, which would eventually become the Morris Arboretum under the care of the University of Pennsylvania.

Willing the oversight of the Compton estate to the University of Pennsylvania was one of John and Lydia’s most significant philanthropic contributions to the City of Philadelphia, but not their only one. The Morrises donated items to various museums in the city, including 1,500 objects from their decorative art collection to the Pennsylvania Museum and School of Industrial Art (now the Philadelphia Museum of Art), where John served as a trustee for 23 years. The Morrises also bequeathed Cedar Grove, their family’s historic country house and John and Lydia’s childhood home, to the city, to be administered in perpetuity by the Pennsylvania Museum and School of Industrial Art (PMA). In 1926, Cedar Grove was moved stone by stone from the Frankford section of Philadelphia to West Fairmount Park. In accordance with the Morrises’ wishes, Cedar Grove has been preserved as a historic home for the public to learn about informal country living during the colonial era.

James Hill is thankful for the Morris family’s contributions, and aware of the fact that both John and Lydia remained unmarried and childless. “In their wills, John and Lydia gave everything away,” Hill says. “They not only gave everything away, they gave everything away to the people. People who go to the Morris Arboretum, the Philadelphia Museum of Art, the Franklin Institute, the Academy of Natural Sciences, the University Museum, or the Pennsylvania Institute for the Deaf, are often seeing things that the Morrises had in their wills and Lydia’s superintendent’s work diary. “Truck farming” may conjure up grainy images of scuffling hoes, a dusty Ford pick-up, bushel baskets, patched overalls and weathered fedoras. In 1901, the USDA described and encouraged truck farming as a method of moving fresh, perishable produce to distant urban markets ahead of the local season like those blueberries from Chile today. Truck farming was the longer-distance outgrowth of local market selling, using trucks instead of horses. When the rise of canned goods and large mechanized farming during WWI superseded that local market model, farmers promoted truck patches to provide supplemental income for small farms. Some farmers facing the depression rented acres of their land to the emerging legion of entrepreneurial skilled farmworkers with a truck but no farm of their own.

In 1928, Lydia Morris directed a working farm in addition to her well-tended estate grounds. She grew produce and dairy products for her household and local vendors, primarily in Flourtown (market gardening). Did the truck patch reference suggest she was part of the network feeding the larger metropolitan area? What crops and livestock did she tend?

A 1919 description emphasized domestic uses and horse-power. “Crops, Stock—cows and horses, poultry, Grist Mill … A herd of Jerseys is maintained for domestic use, as is also fowls of various kinds. Hay is grown in the meadows and parks throughout the property and is harvested for home consumption. The farm is given over to the production of forage crops.” Bloomfield Barn’s configuration as a dairy barn is still evident. Lydia kept up to 25 registered Jersey cows and many of the workers took part of their pay in butter and milk, which were also sold to local merchants.

Notes and invoices from 1928 hint about crops and livestock: Tony Lochille started to sharpen stone in mill… Sowed Cauliflower & lettuce – first batch failed… receipt for 150 bushels of Potatoes… 4 men cutting corn, 6 men started to clean out mill race, two teams ploughing potatoes patch for wheat… one team hauling lime for wheat, 10 men cleaning mill race, sowed grass & alfalfa in chicken runs… all gang helped to bury Horse in morning, W. Adle Burpee invoice for 150 lbs. of Soy Beans… gang trimming garlic with sickles… 12 men hoeing beets. Other crops mentioned include oats, strawberries, asparagus [sic], Brussels sprouts, cabbage and celery.

Truck farming ceased with Lydia’s death in 1932, but farm production continued with victory gardens and cattle herds during WWII, and our community gardens and apiary here at the Morris Arboretum today.

Lydia Morris - Truck Farmer?

BOB GUTOWSKI, Director of Education & Visitor Experience

March 27, 1928 – Fine Day. 2 teams & 4 men cleaning truck patches. April 10, 1928 – Started to prune Raspberries. 2 men on Farm hauling manure & sowing Alfalfa in wheat. Started to plough truck patch on Farm. May 8, 1928 - Fine Day. 7 men on Farm Truck patch sowing seeds (corn, beans etc) & putting in Lima bean poles. (From Lydia’s superintendent’s work diary).

“In their wills, John and Lydia gave everything away,” Hill says. “They not only gave everything away, they gave everything away to the public. We’re their heirs—their only heirs. That’s why I’m taking care of their burial plot.”
The Morris Arboretum is delighted to welcome the following individuals as new members of the Arboretum’s Advisory Board of Managers:

**Robert (Bob) Boyer** and his family currently reside in Chestnut Hill. He is a Managing Director with Wells Fargo Wealth Advisors in the Private Client Group, serving as a Senior Financial Wealth Advisor and Portfolio Manager. Bob is an active member of the Morris Arboretum, becoming a member of the Advisory Board of Managers in 2017, serving as former Chair of the Directors’ Guild, and as a member of the Horticulture Committee. He also serves as a Board Member for the Chestnut Hill Community Association, long term member of the Pennsylvania Horticultural Society, Friends of the Wissahickon, Chestnut Hill Conservancy, and a variety of other non-profit and philanthropic organizations within the local community. Bob grew up in northern Delaware where his passion for horticulture started from frequently visiting Longwood Gardens and Winterthur with his family. Bob earned a B.S. from University of Delaware in Business Administration with a concentration in Finance and a B.S. in Economics with Honors Distinction and was admitted into the Economics Honor Society, Omicron Delta Epsilon.

**Sue Young** and her husband, Michael, have been members of the Morris Arboretum for more than two decades. They joined the Directors’ Guild in 2011, and Sue has been a member of the Education & Visitor Experience Committee since 2014. Sue received her Master’s Degree in Education from the University of Pennsylvania, and her first career was as a teacher in Abington, PA. She was also co-founder, co-owner, and broker at Wissahickon Realty, a real estate brokerage firm that ultimately merged to form Elfant Wissahickon Realtors, where Sue remained co-owner and broker until the early 2000s. Sue currently works with her husband at Classic Management, Inc. (CMI), a real estate property management and development company founded by Michael in 1992. The Youngs are passionate advocates on behalf of children from disadvantaged communities and volunteer for causes that closely align to their interests, including BLOCS (Business Leadership Organized for Catholic Schools), Nantucket Land Council, Fairmount Park Conservancy, Children’s Hospital of Philadelphia, and Friends of the Wissahickon.

**Bonnie Schorsch** and her husband, Peter, first became involved at the Morris Arboretum in 1982. She is an active participant in the arts community throughout the greater Philadelphia region, with particular passions for visual arts, community arts education, and gardening. In addition to serving on the Morris Arboretum’s Horticulture Committee, Bonnie is also the Past President and a current member of the Huntingdon Valley Garden Club, and is a floral design judge for the Garden Club of America. She is a member of the Pennsylvania Horticultural Society, the Hardy Plant Society, and the Pennypack Ecological Restoration Trust. She has also served on the Board of the Abington Art Center and on the Innovative Circle of Abington Memorial Hospital. Bonnie is currently enrolled in her first year of the Barnes Foundation’s three-year Horticulture Certificate Program.

**William (Bill) F. McLaughlin, Jr.** originally joined the Morris Arboretum in 1992 and, as Chestnut Hill neighbors, Bill and his family became increasingly active members of the Arboretum community. Bill joined the Arboretum’s Finance Committee in late 2010 and previously served a single, three-year term on the Arboretum’s Advisory Board of Managers from 2012-2015. Bill is currently a Private Wealth Advisor at UBS Private Wealth Management in Philadelphia and New York, and continues to live in Chestnut Hill. His volunteer portfolio includes former service as the Chair of the Board of Port Wardens at the Independence Seaport Museum, President of the U.S. Court Tennis Association, and member of the boards of the Christ Church Preservation Trust and the International Tennis Hall of Fame in Newport, RI. Bill presently serves as Board Chairman of the U.S. Court Tennis Preservation Foundation, Board Chairman of the Racquet Club Fund, and sits on the Board of the Andalusia Foundation.

**Peter C. Cilio** and his wife, Denise DeLaurentis Cilio, have been active members of the Morris Arboretum for more than 15 years. Peter first served as a member of the Arboretum’s Advisory Board of Managers beginning in 2007, and served as Vice Chair in FY13 and FY14. He has also served as Chair of the Marketing Committee, and as a member of the Horticulture Committee. He and Denise were also co-chairs for the Arboretum’s 2012 Moonlight & Roses Gala. Peter is currently the Vice President and Creative Director for Campania International Inc.

**Peter and Denise Cilio** have been active members of the Morris Arboretum for more than a decade and have been serving on the Directors’ Guild since 2013. This year they begin their terms as co-chairs of the Guild. Ruth and Tai are looking forward to encouraging dialogue among members of the Guild—a group of donors and friends who act as Arboretum ambassadors in their communities. As part of their roles as co-chairs, Ruth and Tai also serve as ex-officio members of the Advisory Board of Managers. The Changs reside in Blue Bell, Pennsylvania.

**Ruth & Tai Chang** have been members of the Morris Arboretum for more than a decade and have been serving on the Directors’ Guild since 2013. This year they begin their terms as co-chairs of the Guild. Ruth and Tai are looking forward to encouraging dialogue among members of the Guild—a group of donors and friends who act as Arboretum ambassadors in their communities. As part of their roles as co-chairs, Ruth and Tai also serve as ex-officio members of the Advisory Board of Managers. The Changs reside in Blue Bell, Pennsylvania.

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Gentle Giants

KATE DEREGBUS, English Park Horticulturist

There are many magnificent trees growing on the grounds of the Morris Arboretum, but few can inspire the imagination of those who come to know them more than the remarkable *Metasequoia glyptostroboides* or dawn redwood. It is known from the study of fossils that 30 million years ago, dawn redwoods grew abundantly in both North America and Asia, but this tree was thought to have become extinct on both sides of the Pacific roughly two to five million years ago.

In the early 1940s, a time when China was at war with Japan, a small number of living dawn redwoods were found in a remote valley of central China’s Szechuan Province. By the end of the decade, the Arnold Arboretum in Boston had helped to organize and finance expeditions of Chinese botanists to collect the seeds of these newly discovered trees. A portion of the first shipment of these seeds was sent from the Arnold to the Morris Arboretum in 1948, and their successful germination resulted in the two venerable trees growing today on the slope above the swan pond.

A later shipment of seed collected from the original Chinese trees reached the Morris Arboretum in 1949 as the People’s Republic of China was being established and the doors to that part of the world were closing. The trees grown from these seeds along with others, sent from the Arnold to the Morris Arboretum in 1953 by Dr. Hui-Lin Li, a native of Suchow, China, who was then the staff Arboretum. This exceptional grove of trees was planted in 1953 by Dr. Hui-Lin Li, a native of Suchow, China, who was then the staff botanist and later became director of the Arboretum. Clearly Dr. Li recognized the ideal conditions for growing dawn redwoods—in full sun, directly adjacent to a small, rocky stream which provides them with a constant supply of moisture.

These gentle giants can reach heights of 100 feet with a 25-foot wide spread. The graceful, fern-like foliage of these deciduous conifers has a light and airy feel. Their bronze fall color lights up the sky in the stark winter landscape.

These majestic trees, once thought to be extinct, have been distributed and enjoyed for more than seventy years. Come visit the Arboretum’s collection of *Metasequoia* trees and you’ll be visiting a piece of history.

More than Meets the Eye

ANTHONY AIELLO, The Gayle E. Maloney Director of Horticulture & Curator

The fundamental level of interpretation at the Arboretum is the orange aluminum labels that you find attached to plants throughout the garden. Not only do these accession labels provide an initial introduction to our living collection, but they serve as an important curatorial tool that allows us to identify and track all of our plants. Without them, our ability to manage our collection would quickly descend into chaos.

Each label contains the accession number, a unique identifier associated with each plant at the Arboretum. This number begins with the year of accessioning, or recording, in our database. The year is followed by the sequential number for that year, and ends with a qualifier, or indicator of the individual within that accession. For example, *Betula nigra* (river birch) 2010-102*C*, was accessioned in 2010, is the 102*C* acquisition of that year, and this individual is the third of several tree seedlings grown from that set of seed (see label image below).

Although the year indicates when an accession was added to our records, it may or may not tell you how old the plant is. If we receive an accession as a seed or cuttings, then the year indicates the age of the plant. However, if we receive an accession as a tree or shrub, we may or may not know how old the plant is, and sometimes have to infer this. The only way to truly know the age of a plant is to either look at our online plant catalogue (http://www.morrisarboretum.org/pdf/PlantCatalogue.pdf), which indicates how something was received (plant, seed, rooted cutting, etc.).

To make things a little trickier, there are some accession years that under-represent the age of the plant. For instance, if a plant has an accession year of 1932, that means that it was here in 1932, when we transitioned from the Morris estate to the Morris Arboretum. Our hallmark katsura-tree (*Cercidiphyllum japonicum*), accession 1932-0589*A*, was here in 1932, although we know it is older than that because historical maps indicate that it was planted prior to 1909.

Additionally, there has often been a burst of accessioning when new curators have started. This was the case in 1954 when Dr. John M. Fogg, Jr. became director, and a concerted effort was made to accession a large number of plants. A notable example is the Engler beech (*Fagus engleriana*, 1956-259*A*), pictured above right, indicating it was accessioned in 1956, although we presume it is several decades older than that. All that our records show is that a new number was assigned to an old plant, determined by Dr. Fogg in July 1956, although we suspect that this plant was collected as seed in China in the early 1900s by Dr. H. Wilson.

Similarly, when Paul Meyer became curator in 1976, there were numerous unaccessioned plants, so often you will see plants with mid-1970s numbers that list the source as ‘unknown’ or ‘existing’. In our plant records, we refer to these as RLNNAA, or “record lost, new number assigned.” There are numerous cases of these, including *Stewartia monadelpha* (tall stewartia, 1978-107*A*), one of my favorite trees in the English Park.

When I started in 1999, there were many loose ends that I worked on identifying and accessioning (some of those loose ends are still hanging around, but with fewer each year). As a result, you might occasionally come across a tree with a diameter of several feet, but with an accession number that starts with 1999, 2000, or 2001 (or even 2017). A perfect example of this is a large (71-inch diameter) English oak (*Quercus robur*), growing along Northwestern Avenue across from the community garden entrance. Because we do not know when this tree was planted, its accession number is 2000-412*A*, although it is clearly more than 17 years old!

Thanks to our new online Collections Connection tool we have made it easier for the public to access our living collection. Although our accession labels provide a first step in learning about our plants, this online and mobile tool provides the background, location, and cultural information. So, the next time you see a label, you now know that they are a useful tool for everyone—from the casual visitor to those of us who manage the Arboretum’s living collection—and they provide a valuable key that can unlock a world of information.
Big Changes in the Explorar! Summer Bridge Program

Last summer, the Arboretum hosted 45 rising 1st-3rd graders once a week and 45 rising 4th-9th graders twice a week during the Explorar! Summer Bridge program (a partnership between the Morris Arboretum and ACLAMO Family Center in Norristown). It was so successful, that at ACLAMO’s suggestion, we invited the older students back Monday–Friday for six weeks! Funding from generous donors furnished all the supplies needed for experiments and games, as well as backpacks, water bottles, notebooks, and lunches.

This year’s summer bridge theme was Careers in Science. The students learned about archaeology, anthropology, genetics, earth science, plant science and physics at Springfield Mills. They “dug up” artifacts, measured plant growth when sun and water were withheld, built and raced magnetic cars, and studied genetic inheritance factors. Each week the group met with scientists who answered questions about the work they do, what they studied in college, and how they became interested in their chosen fields.

In addition to having the older students every day for six weeks, the younger students came for a visit and had a great time, too. In addition to having the older students every day for six weeks, the younger students came for a visit and had a great time, too. The older students, ages 6-10, were headquartered in the Arboretum’s newly renovated wing of the barn on Bloomfield Farm, which proved to be an ideal setting to explore more nature and wildlife.

Our adventure-packed summer included owl pellet dissections, Springfield Mills tours, nature crafts, DNA extractions, live animal presentations, terrarium workshops, artifact observation using specimens borrowed from the University of Pennsylvania Museum of Archaeology and Anthropology, field games, a camper concert during art and poetry jam week, and the capture and release of a few giant crayfish from our wetlands creek!

While saying goodbye to another magical summer is always bittersweet, you can rest assured that we are already planning new and exciting programs for next year. Thank you to all of the young scientists who make our programs shine each and every summer.

Little Lightning Bugs and Bloomfield Buddies

Morris Arboretum’s Summer Adventure Camp was the biggest and best it’s ever been! This year, we expanded the camp to welcome children ages four and five to our new Little Lightning Bugs program stationed in the Hillcrest Pavilion. Our older adventurers, ages 6-10, were headquartered in the Arboretum’s newly renovated wing of the barn on Bloomfield Farm, which proved to be an ideal setting to explore more nature and wildlife.

New Interns at the Arboretum

In June, the Arboretum welcomed a new class of interns for a year-long program of hands-on learning. Working in various departments, they will gain valuable experience while observing the day-to-day operations of a world class institution. Their year culminates with the completion of a project, some of which have resulted in the renovation of garden areas or in a new area of focus in education or research. This year, the Arboretum welcomed interns from all over the U.S. Pictured from left to right are:

Erik Conley, The Charles S. Holman Endowed Rose and Flower Garden Intern, is from Estes Park, CO. He graduated from the University of Wyoming with a bachelor’s degree in agroecology and a minor in horticulture.

Samantha Nestory, The Hay Honey Farm Endowed Natural Lands Intern, is a native of Delaware, graduated in 2016 with a master’s degree in entomology from the University of Delaware. She also holds a bachelor’s degree in ecology from the University of Delaware.

Eric Moore, The Martha S. Miller Endowed Urban Forestry Intern, is a native of West Chester, PA. He attended Colgate University where he received a B.A. in biology. He recently graduated with an M.S. from Bowling Green State University.

Amanda Quadrel, The John J. Willeman & Martha Haas Valentine Endowed Plant Protection Intern, graduated from the University of Delaware with degrees in entomology and plant sciences. She is originally from Wall, NJ.

Wayne Schmitt, The Martha J. Wallace Endowed Plant Propagation Intern, is from eastern Kentucky. He graduated from the University of Pennsylvania, studying biology with a concentration in ecology and evolutionary science.

Janet Mansaray, The Eli Kirk Price Endowed Flora of Pennsylvania Intern, is from Maryland. She recently graduated from Howard University with a degree in biology. While at Howard, she spent three years in a plant systematics lab conducting independent research.

Jennifer Monaco, The Alice & J. Liddon Pennock, Jr. Endowed Horticulture Intern, graduated from Lycoming College with a B.S. in biology, focused in ecology, and minors in environmental science and sculpture. She is originally from Delta, Pennsylvania.

Jennie Ciborowski, The McLean Contributionship Endowed Education Intern, is from Harleysville, PA. She graduated from Dickinson College with a bachelor’s degree in Middle Eastern Studies.

LIZA HAWLEY, Assistant Director, Visitor Education & Youth Programs
Moonlight & Roses

Moonlight & Roses took place on Friday, June 2 with more than 500 guests in attendance. The evening began with cocktails in the stunning Rose Garden followed by dinner and dancing in the clear-top tent. Total revenue raised from this year’s event was $282,350, with all net proceeds supporting the Arboretum’s operations.

- Benjamin Wurts, Honorees Binky and Patty Wurts, Charles Wurts
- Mary and Dick Graham
- Ralph and Natalie Hirschorn
- Andy Cobb, Gray and Alisa Gifford, Chris Roter
- Matt Whetzel, Don Thomas
- Lizann Rode, Event Chair Amanda Cobb, Liz and Henry Harris
- Janet Haas, Alfred and Heather Murphy
- Elizabeth Shober, Lee Laden
- Irma and Chris Fralic
- Elizabeth Lindsay, Nanny Gifford

Photos: Mark Stehle
fall events

O C T O B E R

7 Fall Festival Saturday, October 7 & Sunday, October 8, 10am–3pm
Don’t miss this weekend of autumn fun that has become an annual tradition for many families. Make your own scarecrow, paint a pumpkin, sample different varieties of apples, and more. Learn how animals move with live guests from the Elmwood Park Zoo in the Visitor Center. Exhibits from 12-3pm with a special talk by zoo staff at 1pm each day. Weaver’s Way Co-op will be on hand with the season’s best local apple varieties. Stop by and say hello to Cleo the falcon or Aparichi the hawk and their handler/best friend Tom Stanton on Saturday and Sunday morning from 10am-noon. Some activities have an additional fee.

7 Scarecrow Walk Saturday, October 7 through Halloween, Tuesday, October 31
The scarecrows are here! More than 35 scarecrows will be on display along Oak Allée beginning the first Saturday in October through Halloween! Come vote for your preferred scarecrow in the theme “Halloween Spooky Favorites” to determine which “crows will be the top five prize winners!”

9 Discovery Series: Feathers, Flight, and Fun Saturday, October 7, 11am-3pm
Have you ever wondered what a feather looks like under a microscope? Visit the Discovery table on Out on a Limb and learn everything you ever wanted to know about feathers, including how they work, what they do, and how they grow.

11 Lecture - What’s Hot? What’s Not! with The Perennial Diva Wednesday, October 11, 7-8pm.
See page 17 for more information.

13 Storytime at the Arboretum Friday, October 13, 10:30-11:15am
Join us for fun and engaging reading sessions with local librarians. Each session is tailored to the changing seasons and complements the natural setting of the Arboretum. Storytime is held outdoors in nice weather, at the Outdoor Children’s Classroom, next to the Widener Visitor Center. In case of inclement weather, Storytime is held in the Upper Gallery at the Visitor Center. Registration is required. Storytime is included with garden admission.

14 Hidden Gems Tour Saturday, October 14, 11am
This tour is a combination of structures, sculptures, trees, and vistas. Many are off the beaten path or hidden to most visitors. Others are near the main paths and considered “hidden in plain view.” We want to show you something about these more familiar gems that is different — another angle from which to view them or something about their background that you might enjoy hearing about. The tour lasts approximately an hour and a half. We will be walking over some uneven ground and cover quite a bit of territory!

15 Bloomfield Farm Day/Insider Art Show & Sale Sunday, October 15, 12-4pm
Celebrate the fall season at Bloomfield Farm by enjoying original art and craft works created by Morris Arboretum’s talented staff and members. In addition to the show, there will be demonstrations, music, food, a few animals, and the final opportunity of the year to tour the restored Springield Mills. Included with garden admission.

15 Grist Mill Demonstration Day at Bloomfield Farm Sunday, October 15, 1–4pm
Historic Springield Mills at Morris Arboretum is restored and stone-grinding corn for meal and flour. Come explore revolutionary technology, local history, and a beautiful setting along the Wissahickon Creek. Guided tours.

15 Storytime at the Arboretum Friday, November 24, 10:30-11:15am
See October 13 for more information.

D E C E M B E R

15 Winter Wellness Walks Saturdays, November through March, 10:30-11:30am
See Novemeber for more information.

17 ”Witchhazel” is your Favorite? Saturday, February 17, 1-3pm
The collection of these captivating winter bloomers can be found throughout the Arboretum. Pick up a map at the Visitor Center that showcases specially selected specimens. Children can create a witchhazel-related craft in the Upper Gallery of the Visitor Center. An Arboretum expert will be available in the Upper Gallery from 1-3pm to answer questions on the variety and cultivation of witchhazels. The 2pm guided tour will focus on the Arboretum’s witchhazel collection.

J A N U A R Y

Winter Wellness Walks Saturdays, November through March, 10:30-11:30am
See November for more information.

F E B R U A R Y

Winter Wellness Walks Saturdays, November through March, 10:30-11:30am
See November for more information.

G R E E N S T O N E

13  |  14
MORRIS ARBORETUM   SEASONS FALL 2017 | 14
11  |  7
events

13  |  14
Fall Classes

Exploring the Plants of the New Jersey Pine Barrens
Monday, October 2, 9:00 a.m.—4:30 p.m.
Members: $95, non-members: $90
We will visit the major habitats of this region, specifically, a dry pine-oak forest dominated by pitch pine, various oaks, and huckleberries. There are dry, sunny areas where we can expect to see asters and goldenrods in bloom, as well as native grasses. We will also visit bogs, where we will see carnivorous plants (sundews and pitcher plants), an odball fern (cutlygrass fern), and other interesting plants. A highlight will be a large population of the rare Pine Barrens gentian, which should be in bloom.

Asters and Goldenrods
Tuesday, October 3, 10:00 a.m.—2:00 p.m.
Members: $54, non-members: $60
Asters and goldenrods are native plants that provide spectacular fall color. We will start by examining the characteristics that define Asteraceae, the family to which both asters and goldenrods belong. Our time will be spent identifying species with dichotomous keys. Part of the course will be spent indoors using dissecting microscopes to become familiar with the details of flowers. We will

Sustainable Floral Arrangement
Tuesday, October 10, 6:30 p.m.—8:30 p.m.
Members: $35, non-members: $40
Learn how to embrace the bounty of the region, using locally grown blooms, invasive foliage, and foraged botanical elements. While you construct a centerpiece to take home, you will learn about foam-free mechanics and garden-style design. Step up your decor or holiday table style, or gain confidence in wedding or event design. All necessary materials will be provided.

Pruning for the Homeowner
Thursday, October 12, 7:00—9:00 p.m.
Saturday, October 14, 10:00 a.m.—12 noon
Members: $50, non-members: $55
In this two-session class, you will learn to skillfully prune shrubs and small trees to achieve a natural shape and abundant flowering. Formative pruning for young trees and proper pruning techniques for larger, older trees will be covered, as well as naturalistic techniques for creating attractive hedges and methods for reducing overgrown shrubs.

Field ID of Landscape Trees
Thursday & Friday, October 26 & 27, 9:00 a.m.—4:00 p.m.
Cost: $270
Join us for a two-day class on the identification of woody landscape plants. The class will cover both deciduous trees and conifers. Learn the terminology used in keys to describe plant characteristics and how to use a dichotomous key to identify plants. We will go on a tour of the Morris Arboretum to see some of the plant specimens we will discuss.

Growing Minds

Tour Three Lovely Gardens in New Jersey
Tuesday, October 10, 7:45 a.m.—5:45 p.m.
Members: $95, non-members: $110
Our day begins at Willowood Arboretum (pictured above), with nearly 3,500 kinds of native and exotic plants, and pleasant, informal paths through open areas and woodlands. Next is Bamboo Brook Outdoor Education Center with its abundant fields, woodlands, and formal garden. Our final stop is the Leonard J. Buck Garden, a landscape that consists of alpine and woodland gardens situated in a wooded stream valley.

Introduction to Birding (Ages 7 and up)
Three Sundays: October 1, November 5, December 3,
9:00 –11:00 a.m.
Members: $45, non-members: $60
Pricing for one class - Members: $20, non-members: $25
Join us for a birding adventure around the Morris Arboretum as we explore different habitats looking for birds. Our three-class adventure will be at a new site each time where we will see a variety of fall migrating birds and birds that make the Arboretum their home.

Thanksgiving Centerpiece (Ages 6-12)
Sunday, November 19, 10:30 a.m.—12 noon
Members: $35, non-members: $38
Kids will learn the tricks of the trade as they create a beautiful centerpiece for the holiday family table or to give as a gift. Cheryl Wilkes has been working with and inspiring kids to use their creativity for more than 30 years. Parents are encouraged drop children off for this class and be surprised when they pick them up!

Kids Holiday Cookies
Saturday, December 9, 1:00–2:30 p.m.
Members: $20, non-members: $25
Enjoy some fun holiday baking and decorating with chef Josh Hunter from Company’s Coming Catering. In this hands-on class, your young ones will prepare, bake, and decorate a variety of cookies including gingerbread people, sugar cookies, chocolate chip, and spritz to take home. Bring a container to take home your cookies.

Plant a Terrarium - Fall Break Workshop (Ages 7-10)
Tuesday, November 7, 1:00–2:30 p.m.
Members: $30, non-members: $35
We will plant and decorate our own terrariums to take home using succulents, ferns, and moss. After planting, we will add in a special figure to the terrarium and learn how to take care of your living creation. All materials will be provided. Please feel free to bring additional accessories from home. Children must be accompanied by an adult (for no additional charge).
Morris Arboretum Lecture Series

This fall and winter, the Morris Arboretum is offering more captivating lectures designed to take you on fabulous journeys into the worlds of art, humanities, sciences, exploration, and sustainability. A reception follows each presentation.

Reservations and payment are required in advance as space is limited. The cost is $15 for members and $20 for non-members.

To register, visit https://online.morrisarboretum.org/classes, or call (215) 247-5777, ext. 125. Lectures are held at the Widener Visitor Center at Morris Arboretum unless otherwise noted.

What’s Hot? What’s Not! with The Perennial Diva
Wednesday, October 11, 7:00 p.m.

We’ve all witnessed trends in clothes, furniture, and even movies. There are also trends in horticulture. Retro flowers and vegetables become hot, and new plants and garden techniques become passé. Stephanie Cohen, The Perennial Diva, will dish the dirt on all kinds of trends waxing and waning in the garden. The diva doesn’t mince words, so be prepared to learn and laugh at her presentation! Stephanie has a B.S. in horticulture and an M.S. in ecological studies. She was an instructor at Temple University for more than 20 years where she helped start the campus arboretum, and has received awards from the Pennsylvania Horticultural Society, Perennial Plant Association, American Nursery and Landscape Association, and was named an Alumni Fellow by Temple University.

Science at The Shop

CHRISTOPHER DORMAN, Assistant Director for Visitor Services & Hospitality

As we dive into the new school year, reignite your child’s passion for discovery with a science-related gift from the Shop at Morris Arboretum. Sure, it was fun sitting by the pool and biking around town for a couple of months, but now it’s time to start exercising those neurons again.

Still can’t get that little one in your life to come indoors? Direct their outdoor play with a Bug Discovery Kit, a Nature Discovery Journal, or even a Tracking Expedition Set. They’ll be out for hours collecting bugs, observing nature, or following animal tracks (not bear tracks though).

Then, as the days grow colder, they’ll be able to bring their love of science and nature inside. A Botany Science Kit, a Tiny Terrarium, or a Crystal Growing Kit will keep their minds growing—and popping with new discoveries!

Science and nature are always exciting at the Shop at Morris Arboretum!

Conferences and Symposia

These are challenging times for the communities responsible for maintaining a healthy tree canopy. There seems to be an alarming spread of blights, infestations, and extreme weather affecting our trees resulting in diminishing tree canopy.

Join our Tree Canopy Conference on Friday, October 13 from 8:15 a.m.-5:00 p.m. at Haverford College in Haverford, PA, where professionals will share their successful tree canopy strategies with us. The cost is $135, which includes lunch and breaks.

The 29th annual Winter Landscape Design Symposium will be held on January 11 and 12, 2018. This two-day symposium, held at Montgomery County Community College in Blue Bell, PA, is an in-depth examination of state-of-the-art naturalistic landscape design. Speakers represent a diverse and accomplished group of designers, horticulturists, ecologists, and artists in an interactive and informal setting. Continuing education units for landscape architects and designers will be available. Brochures will be available in November.

The Natural History of Edward Lear
Wednesday, November 15, 2:00 p.m.

Join us for a fascinating lecture with Robert Peck, senior fellow of the Academy of Natural Sciences in Philadelphia and author of a new book, The Natural History of Edward Lear. Edward Lear (1812-1888) is best known and much loved for “The Owl and the Pussycat” and other nonsense poetry, but Lear was also a fine memory of educator and Arboretum volunteer, Byron Lukens and his wife, Elizabeth.

The Living Forest: New Knowledge About the Forest and New Ideas About How to Save It
Thursday, December 7, 2:00 p.m.

Scientists are hard at work uncovering fascinating new information about how forests function and the lives of the organisms that live within them. During this talk for tree lovers, Joan Maloof, ecologist, author, and professor emeritus at Salisbury University, will share some of the latest findings from the forest. She will also share her passion and ideas about saving these complex ecosystems. Preserving old-growth forests enables us to learn more, enjoy more, and maintain biodiversity for the future. If you’ve ever felt the call to help save forests, but didn’t know where to begin, Maloof will help inspire and guide you. Joan Maloof’s books include Teaching the Trees (2005), Among the Ancients (2011), and Nature’s Temples: the Complex World of Old-Growth Forests (2016). In addition to her research and writing, she founded the Old-Growth Forest Network, an organization whose goal is to create a network of protected forests across the U.S.

The Morris Arboretum Lecture Series is supported in part by the Klein Lecture Endowment given in memory of Dr. William M. Klein who served from 1977-1990 at the Arboretum’s first full-time director, the Laura L. Barnes Lecture Endowment of the Philadelphia Foundation, given in memory of Laura Barnes by students and alumni of her school of horticulture, and the Byron Lukens Lecture Endowment, given in memory of educator and Arboretum volunteer, Byron Lukens and his wife, Elizabeth.
Scarecrow Walk: 10 Years and Going Strong

SUSAN CRANE, Director of Marketing

Celebrating its 10th year, the annual Scarecrow Design Contest will adorn the Oak Allée with more than 30 Scarecrows dressed as Halloween Spooky Favorites. By popular demand, the Scarecrow Walk has been extended, all month long, opening on Fall Festival (October 7th) and remaining on display through Halloween, (October 31st).

This is a great multi-generational family event, a perfect date, or a fun afternoon with friends. Visitors vote for their favorites, and the top five winners receive prizes, from cash, to gift certificates to The Shop, to the chance to take classes at the Arboretum.

Make plans to attend the 2017 Scarecrow Walk to enjoy this year’s bewitching collection!

Save the Date and Join us in Scotland June 16-25, 2018

Travel with Morris Arboretum June 16-25, 2018 on a spectacular garden tour of Scotland. From our base at Aigas Field Centre in the Scottish Highlands, we will explore the region’s stunning scenery, rich natural history, beautiful gardens, and grand old castles. Our tour also includes excursions to the west coast and Edinburgh.

A full itinerary is forthcoming, but for more information or to reserve your space now, please contact Mira Zergani at (215) 247-5777 ext 102 or at mzergani@upenn.edu.

The Gift of Membership

Treat your loved ones to a full year of access to our spectacular garden with a Morris Arboretum membership this holiday season. Your gift recipients will also receive discounts on educational courses taught by Arboretum experts and receive reciprocal admission privileges to more than 300 gardens nationwide.

There are three easy ways to purchase a gift of membership:

VISIT – Stop by the Visitor Center to make your purchase. Temporary membership cards will be issued and you’ll receive signature Morris Arboretum packaging along with a free copy of Always Growing: The Story of the Morris Arboretum (while supplies last). While you are in the Shop, look for other gifts, and use your 10% member discount (discount is not applicable towards membership purchases).

ONLINE – Visit our website, www.morrisarboretum.org, to make your purchase anytime.

PHONE – Reach the membership office directly at (215) 247-5777 ext. 205, Monday through Friday, 9am–5pm.

To ensure your gift membership materials are received by December 24, online and phone orders must be received by December 18.
Tributes & Memorial Gifts

The Morris Arboretum is grateful to the following donors who made tribute and memorial gifts between April 1, 2017 and June 30, 2017.

In memory of Elizabeth “Betsy” Adair
Mary & Robert Baltzersen
William Bisell
Marlene & David Campbell
Audrey F. Cowan
Maria Fields
Helen Fisher
Greater Philadelphia Cultural Alliance
Susan & Philip Gresh
Leslie Hendricks
Emily Ann Hunscicker
Barbara Jack
Pamela Jardine
Sally & Craig Johnson
Sue Levy
Barbara L. Lippman
Paula Marincola
Virginia Maroun
Joan E. McConnell & James S. Adair
Margaret & Michael Moore
Helen & Nelson Porter
Cynthia E. Powell
Joan Sheehan
Alice Sier
Elizabeth R. Trumbauer
Sue & Michael Young
Patricia & Clarence Wurts
Marie D. Witt
Whitemarsh Foundation

* Deceased

In memory of George Brantz
Arlene & Albert Brest
Anthony J. Comido

In honor of Sandra Clapham
Leigh-Anne & Steve Spokane

In memory of Louise Cohen
Joan Brantz

In memory of Betty Davis
Debra L. Rodgers & Paul W. Meyer

In memory of Molly Drahm
Florence & Richard Malouman

In memory of Lehmam Kapp
Jeffrey O. Huddleston

In memory of Eileen Lynch
Ingrid & Robert Brown
Helen T. Farnon
Kathy McGiffens
Hiram H. Munger

In memory of Ann Mallar
Florence & Richard Malouman

In memory of Ronald Pieringer
Joan L. Garbeil

In memory of Grace D. Schmidt
Bonney DosSantos

In memory of Donald Schnorr
Sherie & Antonino Ano
Elizabeth Masters & John Basinski
Gerardine Brennan
Chesnut Hill Garden Club
Veronica & Robert Connior
Ellen W. Decker
Michael Halpert
Gail M. Harp
Pamela & James Hill

In memory of Patricia W. “Patty” and
Clarence Z. “Bobby” Wurtz
Vivian & William Gast

* Deceased

Tributes and memorial gifts between April 1, 2017 and June 30, 2017. The list printed in the previous issue was incomplete. This list acknowledges gifts received through June 30, 2017.

Honorng 40 Years of Service - Paul W. Meyer

The Morris Arboretum is grateful to the following donors who have contributed to the Paul W. Meyer & Debbie Rodgers Historic Preservation Endowment Fund in honor of Paul’s 40 years of service to the Morris Arboretum. We regret that the list published in the previous issue was incomplete. This list acknowledges gifts received through June 30, 2017.

Martha & William Agate
Jane & Ahas Alavi
Jan Albaum & Harry Cerino
Joan & Robert Anderson
Jody Appell
Gwendolyn & Edward Asplundh
Barbara & John H. Ball
Beatrice Bau
Willifretta Baugh
Robert L. Berg
Joan & Livingston Biddle
Margaret & Nathaniel Bowditch
Joan & George Brantz
Emille R. Bregg
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Susan R. & George W. Connell
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Christina & Dean Fournier
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Robert & Rachel Leidner
Natalie & Ronald Loomis
Sally & Richard Lighty
Robert & Sarah Little
Dena & Dan Livoti
Deborah & Andrew Weber
Lenore & Albert Zimmernann

* Deceased
Friday Night Lights at the Garden Railway

December 1, 8, 15, 22, & 29, 4:30-7:30 p.m.

Don’t miss these delightful evenings that have become an Aboretum favorite! The magic of the holidays comes alive as thousands of sparkling lights adorn the tracks, and jolly trains chug around the festively decorated buildings. Snacks and light fare will be available at the Compton Café. This is a ticketed event. Tickets will be sold online beginning November 1. To purchase tickets go to http://bit.ly/MAhgr.

Photo: Mark Stehle