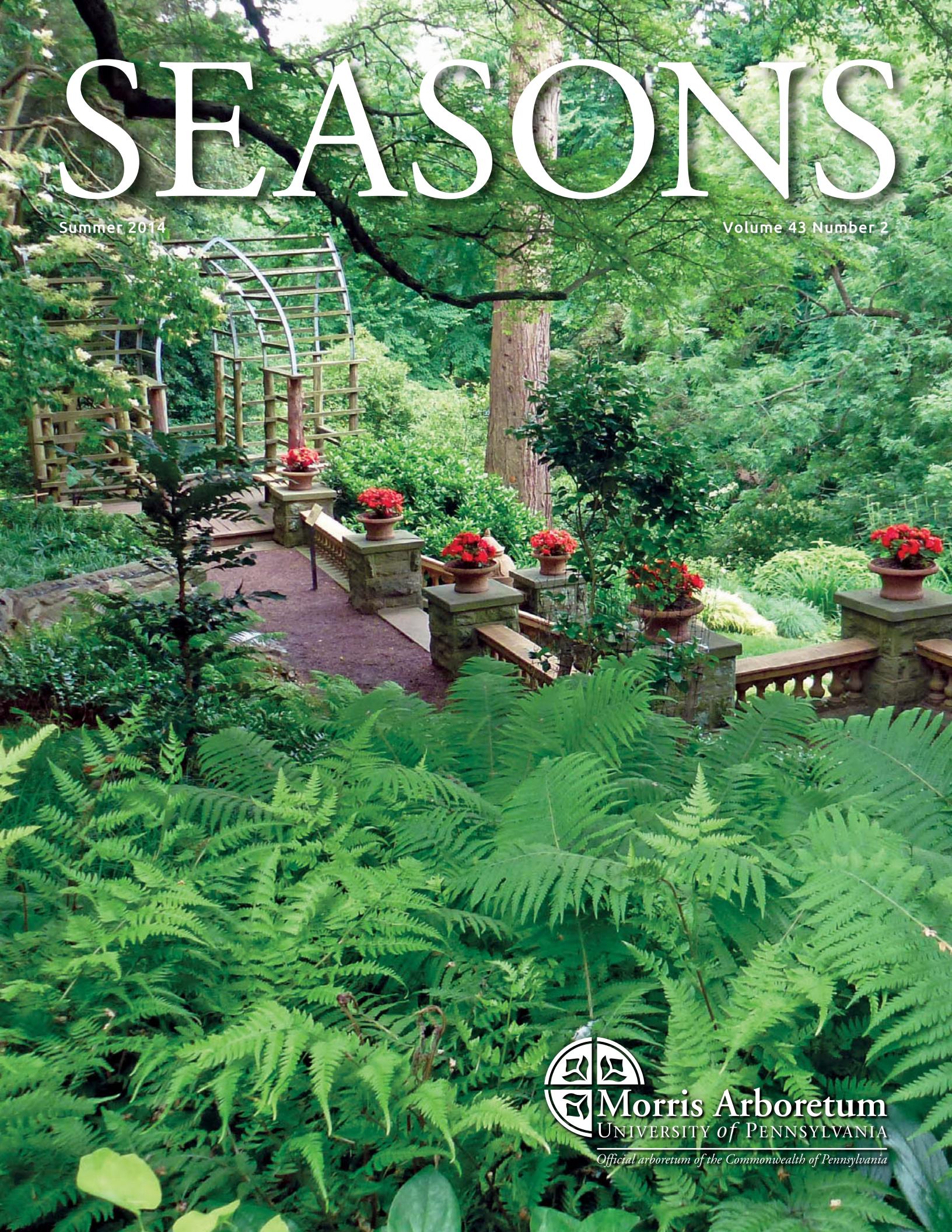


SEASONS



Summer 2014

Volume 43 Number 2



Morris Arboretum
UNIVERSITY of PENNSYLVANIA

Official arboretum of the Commonwealth of Pennsylvania

A Note from the Executive Director

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



Photo: Nick Kelsh

Planning New Pedestrian Access

In 1989, as we celebrated the completion of the Arboretum's new Northwestern Avenue entrance, drive and parking lots, the old entrance to the gardens on Hillcrest Avenue was closed. This move was a big step forward in providing off street parking and safe access to the Arboretum. It made Arboretum access difficult, however, for pedestrians coming from surrounding neighborhoods, and for those using public transportation. At that time, a new, pedestrian-only entrance at the corner of Germantown and Hillcrest Avenues was envisioned in the Arboretum's master plan. Over the years, other priorities moved to the fore, and the pedestrian gate project remained dormant.

Recently we received a planning grant from a generous donor, and last autumn detailed planning began for a pedestrian-only entrance at Germantown Avenue. The current conditions at the corner do not project the best face of the Arboretum. The fence is foreboding, the pavement is broken and patched, and the signage is cluttered.

The new entrance will be handsome and welcoming. Through fine design and the use of timeless materials, visitors will be warmly welcomed, and the area will convey that an important cultural institution and beautiful garden lay beyond the gates. Signage and banners will be simplified and integrated into the design to eliminate clutter. Our planners and staff have been sharing multiple concept drawings and collecting suggestions from neighbors, SEPTA, the Philadelphia Streets Department and Chestnut Hill College.



Rodney Robinson Landscape Architects'
Conceptual Design for a Germantown Avenue Pedestrian Entrance.

Early concepts envision pulling back the fence to create a comfortable entrance plaza with seating. Materials will reflect the sense of place of Chestnut Hill and the Morris Arboretum. We anticipate that an electronic admission system will be in place on most days, but that the gate will be staffed on key days when the flow of visitors is greatest.

The Arboretum prides itself on modeling sustainable practices, so it is important that it encourages and supports walkers, bicyclists, and public transit patrons. Currently, neighbors who may be only a block away have to get into their cars

and drive around to the entrance on Northwestern Avenue. As we have been reaching out to neighbors, we have also heard anecdotes of both local and out of town visitors who came by train from Center City and were frustrated in their search for the Arboretum's entrance. It is clear that the Arboretum needs to do a better job in connecting more clearly and conveniently to those who utilize public transportation.

Once we have an approved plan for this new pedestrian-only entrance with cost estimates in place, we will begin raising funds for what I hope will be a speedy implementation of this project. Stay tuned!

Paul

SEASONS

Morris Arboretum of the University of Pennsylvania

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Christine Pape, Editor

The Morris Arboretum of the University of Pennsylvania is an educational institution that promotes an understanding of the important relationships between plants, people and place. The Arboretum conducts three major activities – horticultural display, public and professional education, and botanical and horticultural research.

Public Garden Hours:

Mon-Fri, 10am-4pm
Sat/Sun, 10am-5pm (April - Oct.)
Sat/Sun, 10am-4pm (Nov. - March)
Weds., 10am-8pm (June, July, August)

Information:

(215) 247-5777
www.morrisarboretum.org
<http://www.upenn.edu/paflora>

Guided Tours:
Every Sat/Sun, 2 p.m.

Visitor Entrance:
100 East Northwestern Avenue between Germantown and Stenton Avenues in the Chestnut Hill section of Philadelphia

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Arboretum Rentals

Hold your special event in one of Philadelphia's most beautiful settings. The Widener Center and surrounding grounds are available for weddings, parties, and private and corporate meetings up to 170 guests. For details contact Adele Waerig, Visitor Services Coordinator, at (215) 247-5777, ext. 158.

e-newsletter

Would you like to receive our monthly e-newsletter and other Arboretum updates via email? It's a great way for you to stay up-to-date on upcoming events, register online and help us save trees! Email members@morrisarboretum.org to be added. To address the problems of SPAM, many Internet Service Providers (ISPs) and email systems now block or filter email that is not from a "safe sender." Please add info@morrisarboretum.org and members@morrisarboretum.org to your list of accepted senders or friends list if you wish to receive this information.

Cover Photo: Judy Miller

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Widener Renovations

In April, renovations were completed on the George D. Widener Education & Visitor Center. Featuring a new main entrance, fully accessible front doors, and a beautiful new granite plaza outside the building, the area has been warmly received by Arboretum visitors.

This project was made possible thanks to the generosity of longtime Arboretum friend Edith Dixon.

Photo: Paul Meyer



The Shop at Morris Arboretum is all new this spring!



The newly renovated Shop opened in April with a fresh look and all new merchandise. Inside you'll find special collections of natural, handcrafted items perfect for your home and garden including:

- Bowls, cutting boards, and other items made from trees (even the Arboretum's trees!)
- Garden ornaments such as the Arboretum's own Morris the Merrie Little Owl, birdhouses made from colorful, felted wool, and other fun, bird-themed items.
- Recycled rubber band jewelry, and other unusual pieces
- Morris Arboretum merchandise including totes, wine carriers, bird-themed t-shirts and hats
- Specially chosen books, puzzles, games, and arts and crafts projects to inspire the curiosity of little ones.
- And of course, our own Morris Gold honey!

Don't forget, members always receive a discount!



Photos: Stephanie McNabb

Our Feathered Friends

In April, Morris Arboretum kicked off *Our Feathered Friends* at Morris Arboretum, an exhibit that celebrates the many birds who either make their home at the Arboretum, or drop in for a visit as they migrate through the area. Learn about these fascinating creatures and all that they inspire during special bird-themed events, classes, trips and tours happening through October.

Visitors to the Arboretum are “flocking” to *Home Tweet Home*. Designer Birdhouses, featuring more than 25 birdhouses throughout the garden. Crafted by artists, talented individuals, and bird lovers of all kinds, the birdhouses will be on display through September 1st.



Photo: Paul Meyer



Photo: Arnold Winkler

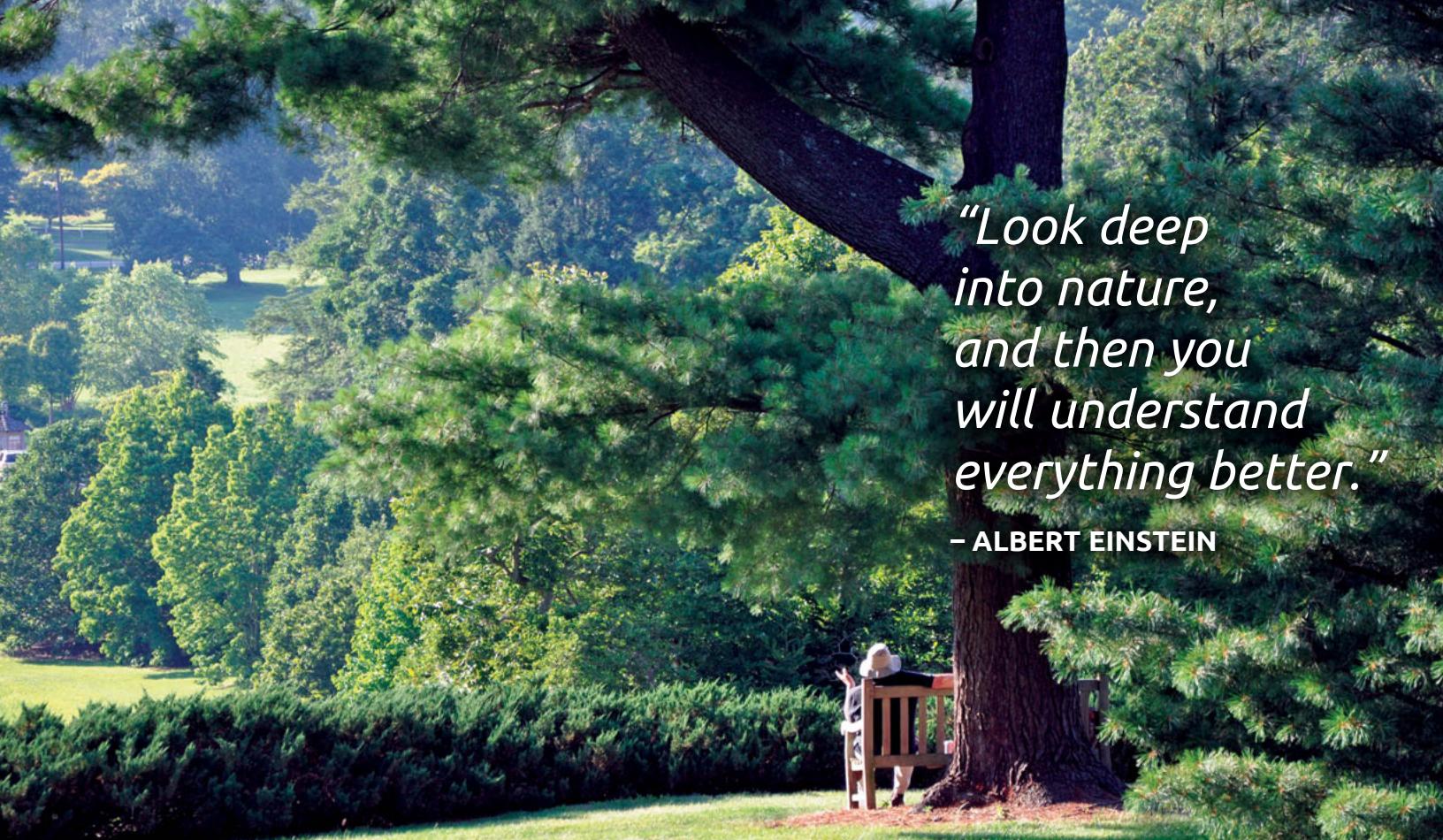
^^ The Beethoven Birdhouse by Pennsylvania artist/craftsman Murrie Gayman combines Murrie's eye for design with his woodworking skills, sense of humor, and his love of birds and music. The winner of the 2012 *Take a Seat! – Adirondack Chairs Re-Interpreted* exhibit, the Arboretum was honored to have another opportunity to showcase Murrie's work.

<< Howard Brosius is Executive Director of Chipping Hill Micro Farms (CHMF), a nonprofit which aims to teach children about growing food through direct interaction with soil, herbs, flowers and vegetables. His birdhouse, Green Roof Quadruplex, is designed to accommodate four families of birds. It has a green roof which keeps the birds cool in the summer and warm in the winter. Howard's birdhouses are also sold to individuals, garden centers, and public gardens to generate revenue to support CHMF's inner city classes.



Photo: Paul Meyer

The Arboretum is featuring six delightful creations by Tom Burke. Burke has spent 25 years building custom homes with his father in Delaware, and while he still builds houses, his business card reads: “Builder of Fine Bird Homes.” Burke combines his craftsman’s skills with an artistic bent to create replicas of historic buildings or a client’s home, resulting in birdhouses that are as impressive as the homes they reflect.



*"Look deep
into nature,
and then you
will understand
everything better."*

- ALBERT EINSTEIN

Photos: Paul Meyer

The Nurturing Effects of Nature

CHRISTINE PAPE, *Editor*

Poets, scholars and artists have contemplated the wonders of nature for centuries. The unfortunate irony is that today, the vast majority of us are spending far more time indoors than outside. This dramatic shift in behavior is taking a toll on our health and well-being. The good news is that just by stepping outside the front door, we can take the first step

to improving our overall health. According to the July 2010 issue of *Harvard Health Letter*, just venturing outside has been shown to elevate mood, improve concentration, and may even promote faster healing after injury or illness. Spending time outdoors is also one of the best stress relievers around.

Children also reap great benefits from spending more time outside. As kids, we bounded out the door right after breakfast and stayed out until dark. Running around outside for hours meant creating our own fun instead of relying on computers,

*"Now I see the secret of
the making of the best
persons: it is to grow in
the open air and to eat
and sleep with the earth."*

- WALT WHITMAN



tablets and TVs for entertainment. It required using our imaginations, promoted compassion toward creatures big and small, and fostered a sense of curiosity about the world around us. Days were filled with rolling down grassy hills, making mud pies, and fashioning boxes and jars into intricate homes for caterpillars and ladybugs.

Children now spend far more time in front of screens than they do venturing outside. Richard Louv, author of the book "Last Child in the Woods," explores how direct exposure to nature is critical not only to a child's development, but to overall physical and emotional health. A shift toward a more sedentary lifestyle by children has resulted in an increase in a number of health concerns including childhood obesity, asthma and diabetes. Concerns regarding mental and emotional health are also on the rise.

The good news is that every day offers new opportunities to reap the health benefits of nature. And, like any other positive step we take to improve our health, every little bit of effort

"I go to nature to be soothed and healed, and to have my senses put in order."

- JOHN BURROUGHS

American naturalist and nature essayist

Photo: Paul Meyer



Photo: Kim Soles



Photo: Sarah Bolivar

counts. A stroll around your neighborhood will help you burn some calories, provide you with some essential vitamin D, and will surely lift your spirits.

Helping kids connect with nature doesn't require spending hours outdoors. Enlist your children or grandchildren to help with gardening tasks, send them on a scavenger hunt or encourage them to build a fort. Dine al fresco; then as the sun goes down, enjoy a favorite summer activity – catching fireflies!

Louv states in his book, "We have such a brief opportunity to pass on to our children our love for this Earth, and to tell our stories. These are the moments when the world is made whole. In my children's memories, the adventures we've had together in nature will always exist."

So make a deal with yourself to spend more time outside connecting with nature. Your body and mind will thank you. If you have kids or grandkids, get outside and start making some memories. You'll be helping them on a wonderful path (tree-lined of course!) to health and happiness.

Remembering Julia W. Frick

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

In January of this year, the Arboretum lost a longtime friend and supporter, Julia W. Frick. Julia was a remarkable person, and the Arboretum was fortunate to have had such a devoted friend. Among her many interests, Julia had a life-long love of horticulture. Not only did Julia grow up on Latches Lane, opposite what became the Barnes Foundation, but she knew and studied with Laura Barnes and was among the first classes to graduate from the Arboretum School of the Barnes Foundation. She was a founding trustee of the Laura S. Barnes Trust to support public lectures in botany and horticulture at the Morris Arboretum. She was active for many years with the Penn Valley Garden Club and served on the Executive Committee. Julia continued to share her passion for horticulture and spent countless hours labeling the trees at Waverly Heights retirement community and at Inglis House. At Waverly Heights she served on many committees over the years, and was especially active with the Landscape Committee.

Photo: Judy Miller



Photo: Paul Meyer

Julia had a long association with the Morris Arboretum, visiting and taking classes here from the 1960s. Starting in the mid-1990s, Julia began to support plant curation and plant records initiatives. This support continued for the rest of her life, and allowed for a variety of projects, including upgrades to plant records and mapping databases, and labeling and interpretation of the living collection. Julia's generosity over the years allowed the Arboretum to add significantly to its library, providing critical resources to accurately research the identity of plants throughout the Arboretum. Julia was that rare individual who understood the importance of accurate identification, record keeping, and labeling of the plant collection, and she advocated and supported excellence in curation.

Julia's regular and incremental support over a period of close to 20 years has had a remarkable effect on how we curate the Arboretum. Taken individually, her gifts would have provided a great benefit; but in sum, her support has had a significant and lasting impact on the curatorial mission. Equally important, several years ago Julia established a curatorial endowment, so that her support would continue in perpetuity, allowing the staff to continue the high standards that define the Arboretum as a museum collection.

Julia Frick defined what it means to be a lifelong-learner. I always looked forward to her visits for lunch and a tour, when she would come armed with a list of questions, all of which were thought-provoking, leading to detailed conversations. She was always fascinated by the books that were added to our library, and loved to pore over their illustrations. Julia's interest in plants and people was inspirational, and it was a privilege to have known and partnered with her for so many years.

The Morris Arboretum's magnolia collection was one of Julia Frick's favorites.

Discover the Woodland Trail

As part of an effort to improve access to the Arboretum's natural areas, this past spring a series of improvements was completed to the woodland trail that link the Fernery to the Visitor Center and the wetland. The previously existing trail had a number of issues relating to safety, erosion, and creating a positive visitor experience. These concerns were addressed, and the trail was restored and realigned to improve its utility and safety.

Trails through the area known as Penn's Woods have existed since at least the Morrises' time. Over the years, they received varying degrees of maintenance but had become degraded more recently. As a result, they were in need of restoration and redesign.

Arboretum staff worked with trail specialist Valerie Naylor and Paul Steinbeiser, Inc. to implement the improvements to the trail. The enhancements included removing or restoring hazardous and badly eroded sections, the addition of new sections, improving stormwater management, and restoring a historic garden feature associated with the Chickies quartzite rock outcropping located under *Out on a Limb*. This historic feature was one of the earliest garden elements built by John and Lydia Morris, and although very little is known about its original design, it was referred to as a "Japanese garden in the woods". With this in mind, and based on a plan of the area from 1909, a rustic seating and gathering area was created.

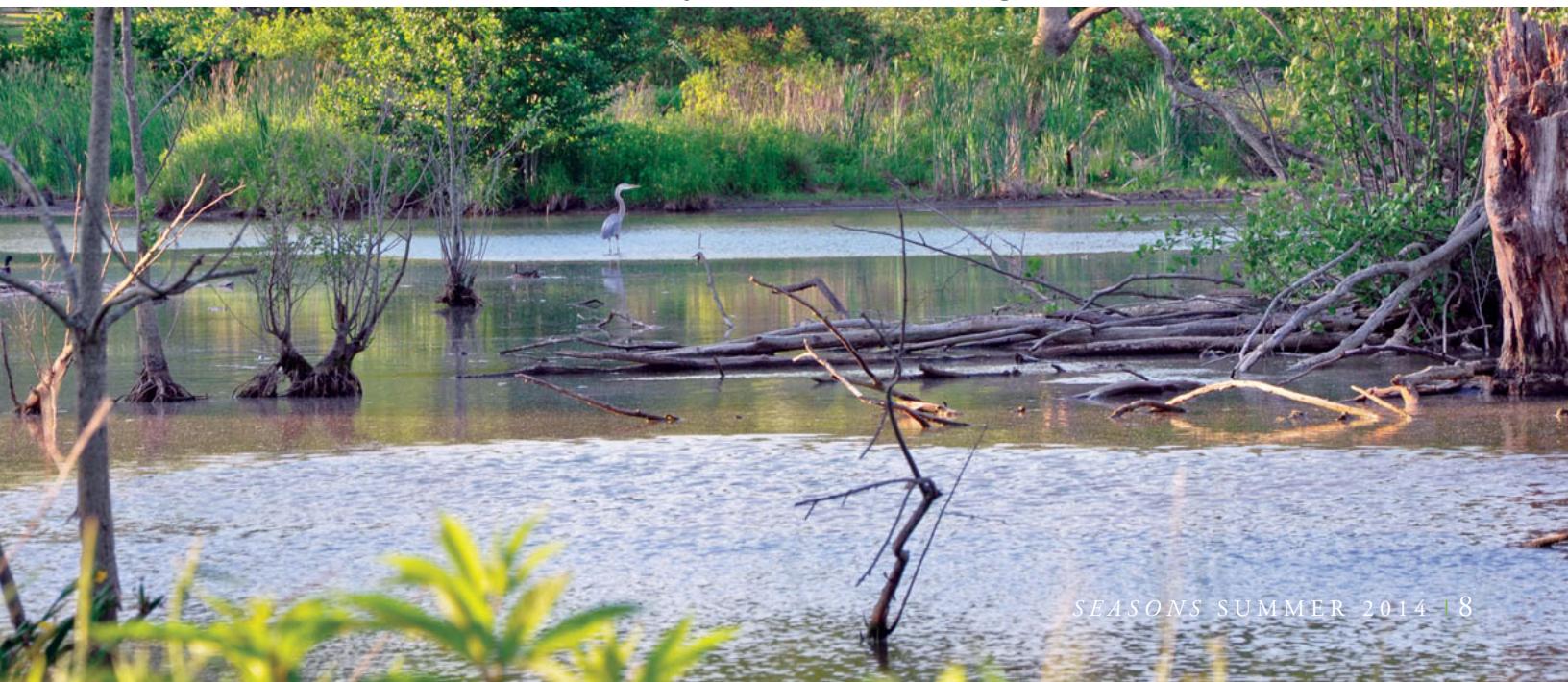
Visitors should be aware that the newly installed trail is not fully accessible and should be considered more of a hiking trail, best suited for those with good walking abilities. If you have not experienced this part of the Arboretum, it is well worth a look, as it provides a new perspective, and a fun and different visitor experience.

The trail improvement project was supported by Maysie Starr, the Marshall Reynolds Foundation, and David Orthwein.

The new trail is accessed near the Dorrance H. Hamilton Fernery and enables visitors to hike along the Wissahickon to the Arboretum's wetland.



Photos: Paul Meyer



PYANO—Music to a Gardener’s Ears

LOUISE CLARKE, Bloomfield Farm Section Leader

Plant a PYANO in your garden for a horticultural concerto. The melody is carried by a quintet of tough garden plants that don’t mind heat and drought. These selections have proven themselves on the Arboretum’s green roof, so they will certainly work in your earthly garden. All of them enjoy full sun and little to no additional water once established.

Perovskia atriplicifolia, or Russian sage, is a low maintenance, drought-tolerant performer easily grown in average to dry garden soils. Reaching 2 to 4', its upright, silvery stems are clothed with finely dissected, gray-green leaves that release an herbal fragrance when crushed. Its small violet-blue flowers, held in branched panicles, entice pollinators with their long summer bloom period. Naked stems add argenteate color to the fall and winter garden; in early spring it can be cut back almost to the ground. The cultivar ‘Little Spire’ tops out at 2' tall, making it suitable for mid-border placement. Another bonus, your neighborhood deer will most likely pass it by.

Yucca filamentosa, the Spanish bayonet, or just plain yucca, is an evergreen that is native to well drained soils of the southern U.S. ‘Color Guard’ forms a striking basal rosette of stiff, sword-shaped, “I’ll impale you,” spine-tipped leaves to 30." The fibrous leaves sport a creamy, central stripe, and curly white threads (filaments) dangle from the leaf margins. Variably, from late spring to summer, a central flower stalk rises 5-6', bearing fragrant, nodding, milk-white blooms. Great for a dry garden or container, ‘Color Guard’ adds dramatic architecture to your garden which deer admire from afar.

Armeria maritima (pictured top) forms a compact, low-growing mound of stiff, grass-like leaves to 4" tall. A slow spreader for infertile, shallow, well-drained to gritty soils, sea thrift (as it is also known) eventually makes a tuft 8-12" wide.



Photos: Louise Clarke

Excessive moisture or heavy clay soils subject *Armeria* to rot. Basking in beach weather and tolerant of seaside salinity, thrift blooms mid-spring with small pink to white blooms held 8" above the foliage. Good for edging, the front of the border, or rock wall culture, ‘Rubrifolia’ offers purplish-red leaves which bronze in autumn; ‘Splendens’ sports reddish-pink flowers; and ‘Alba’ flowers crisp linen white.

Nepeta racemosa, known as catmint (pictured middle), is happiest in average to dry, well-drained soils. Catmint forms spreading clumps 12" tall to 18" wide. With gray-green ovate leaves, they are pleasingly aromatic when bruised. Summer to fall blooms, clustered in loose whorls, range from the palest lilac to deep violet. A mid-summer haircut after the first flowers fade encourages an encore performance. A desirable cultivar is ‘Walker’s Low,’ another pollinator magnet, which is usually untouched by deer. Related to *Nepeta cataria*, the true catnip, this variety is less attractive to prowling felines.

Opuntia humifusa or prickly pear (pictured bottom), is a cactus found in the eastern U.S. This plant thrives in well-drained, dry conditions. Prickly pear forms clumps of semi-prostrate, flattened, succulent green pads armed with needle-like spines. Hardy up to Canada, the pads shrivel in winter and blush to a dull red. Showy, lemon-yellow flowers, 2-3" in diameter and sometimes scarlet-eyed, bloom June into July. Edible red, seedy

fruits follow, ripening by late summer. Plant this where you won’t brush against it, as its spines are tiny and devilish to remove. Only desperate deer will sample this!

Any of the above perennials deserve a place in your garden as we face possible summer drought conditions. With petite to prickly options, there is one to fit your garden’s niche with the added benefit of reduced water consumption. That’s music to any gardener’s ears!

Summer Gardening ‘To Do’ List

PAMELA OLSHEFSKI, Curatorial Assistant

As we shift into the warm summer months, the heat kicks up, the days lengthen, and we see less rain. Managing the garden through these months by keeping up on all the weeding and watering can seem a bit overwhelming.

Organizing your tasks by month helps maximize your efforts. While weeding and watering are always the focus of the summer season, this to-do list will help prioritize garden chores and keep your garden looking great.

JUNE

- Weed, weed and weed some more. Not only do weeds detract from the beauty of the garden, they rob your plants of valuable nutrients, light and water.
- Your garden requires an inch of rain per week, so be sure to check your rain gauge (pick one up if you don't have one) and soak to the root zone when you water.
- Make sure to dead head bulbs and perennials who need a haircut for some fresh growth.
- Now is the time to plant dahlias and cannas, and to begin staking your annual vines with twine, wire or even a trellis.
- It is also time to prune spring flowering shrubs such as lilacs, after they have flowered. Pruning out dead or diseased wood from trees is also a good thing to do in June once things have leafed out.
- Edging beds and keeping them trimmed adds a finished look to your garden.

JULY

- When daylilies and Siberian irises have finished blooming this month trim them back and divide them. Water them in well and keep them watered to easily put on growth before fall.
- Make observations while weeding. As you make your weekly pass through the garden, make note of what looks good and what is not doing so well. There is still time to rework an existing bed or plan for a new one.
- Trees both young and old are especially susceptible to drought. Very old and newly planted trees should be kept well-watered. Be sure to soak them to the roots when you water!
- Japanese beetles can be a real problem. In the morning and evening, hand pick or knock them off into a can of soapy water. You will never eliminate them, but you can help to manage them and the damage they do to your plants.



Photo: Paul Meyer

AUGUST

- Weeding and editing the garden is still a common theme through the end of the summer.
- Deadheading perennials will keep things looking clean and will encourage rebloom in some cases. Spring flowering perennials can also be cut and divided this month.
- Watering the garden is still very important. Be sure to water thoroughly and deeply. This is also true also for containers and hanging baskets. Watch for water coming from the bottom of the pot, then you know you have watered enough.
- Peonies are best divided in late August since they put out such quick growth in the spring. When you replant them, make sure the 'eyes' are buried about an inch beneath the soil surface, and water them in well.
- Order flower bulbs for fall planting now! Early orders ensure better selection.
- Summer blooming shrubs can be pruned for shape once they are finished flowering. Remove any dead or diseased branches at this time too.

SEPTEMBER

- Weeding through the fall can really give you a jump start on next year, and minimize your spring cleanup.
- Keep in mind which perennials, biennials and annuals you would like collect seed from (such as nicotiana, annual poppies and clary sage), but leave bird-loving seed heads up as long as possible, like coneflower, liatris and grasses. The birds will thank you!
- Applying a light top dressing of mulch now will help suppress weeds next spring.
- Keep trees and shrubs well-watered through September so that they will enter winter dormancy well-hydrated.
- Last but not least, complement yourself on how wonderful your garden looked this summer and get ready to enjoy the just emerging colors of fall!



Photo: Applied Imagination

summer events

J U N E

Garden Railway Display – Who Lives Here?

Daily through Labor Day

Open weekdays 10am-4pm, and 10am-5pm on weekends. Wednesday evenings in June, July and August, the Arboretum is open until 8pm. See back cover for more information.

3 Storytime

Tuesday, June 3, 10:30-11am

Join us for a fun and engaging reading session among the trees. Storytime is held at the Outdoor Children's Classroom, next to the Widener Visitor Center. In the case of inclement weather, Storytime will be held in the Upper Gallery at the Visitor Center. Storytime is free for members or with regular admission. Advance registration is required and registration is open for one month in advance of upcoming Storytime events.

4 Wednesday, June 4 –

Open evenings until 8pm

Wednesdays through August

Take an evening stroll in the Arboretum's gardens as the sun begins to set. Open for visitation until 8pm.

7 Native Trees at Morris Arboretum

Saturday June 7, 11am

Native tree species support a rich diversity of fauna within forest ecosystems. Some of the trees included on this tour are flowering dogwood, which produces high-fat

fruit that is perfect for birds migrating in the fall, and the American holly, which produces berries that sustain robins and bluebirds during winter. This tour will meet in front of the Widener Visitor Center.

7 Garden Discovery Series – I Spy a Bird!

Saturday, June 7, 11am-3pm

Have you ever spotted a bird on a bird feeder that fascinated you? What did the bird look like? What did you notice about its behavior? Visit the Discovery table at *Out on a Limb* and do what scientists do! Create your very own bird watching journal so that you can draw and document your very own bird observations. Take your journal with you as you walk through the Arboretum.

6 Moonlight & Roses Gala

Friday, June 6, 2014

6pm-Midnight

See page 17 for more information.

15 Insider Art Show & Sale at Bloomfield Farm

Sunday, June 15, 11am-4pm

Come enjoy the original art and craft works of Morris Arboretum's talented staff and members. Pick up a Fathers' Day or graduation gift, or maybe just something special for yourself. Held on the grounds of historic Bloomfield Farm, visitors will also have the opportunity to observe demonstrations at the Grist Mill from 12-3pm.

15 Grist Mill Demonstration Day

Sunday, June 15, 12-3pm

Springfield Mills at Morris Arboretum has been carefully restored and made operational once again by a dedicated group of volunteers. Come visit this 19th century mill and see how corn was milled for meal and flour.

17 Storytime

Tuesday, June 17, 10:30-11am

See June 3 for more information.

18 Green Bean Scene Program

Wednesday, June 18, 6:30pm

Award-winning children's author Dr. Jessica Dimuzio will read her new book, *Bow Wow Wow! Green Beans Now?* and present her Green Bean Scene program on organic gardening for kids. This event will be held in the Outdoor Classroom, or in the Upper Gallery in the event of rain.

19 WRTI Jazz Concert -

Summer Solstice Salsa Party with the Café Con Pan Band

Thursday, June 19, Pre-concert activities from 6-7pm; concert begins at 7pm

See page 14 for cost and detailed information.

21 Native Trees Tour

Saturday, June 21, 11am

See June 7 for more information.

J U L Y

1 Storytime

Tuesday, July 1, 10:30-11am

See June 3 for more information.

6 Garden Discovery Series – Swan Sisters

Saturday, July 6, 11am-3pm

Stroll over to the swan pond and learn all about Flora and Fauna—the Morris Arboretum's magnificent mute swans. Craft your own swan, while learning about these graceful avians that have been the inspiration for ballets, musical compositions, and romantic poetry throughout the centuries.

17 Brothers in Harmony Concert

Thursday, July 17

(raindate July 24), 7pm

Before *The Sing-Off* and *Pitch Perfect*, there were *Brothers in Harmony*. With more than 90 members, this internationally renowned men's singing group is currently ranked

among the top ten men's choruses in the world. Come enjoy an a capella evening in the garden. Parking is limited. Purchase your advance tickets online to receive a discount and reserve your space. Visit <http://bit.ly/MAtickets>

Pre-ticketing for Members-\$8/adult, \$4/child. Non-members-\$16/adult, \$8/child. At gate (if available): Members-\$10/adult,\$5/child. Non-members-\$18/adult, \$10/child.

23 Commonwealth Classic Theatre presents *Twelfth Night or What You Will* by William Shakespeare
Wednesday, July 23, 6:30-8:30pm

Commonwealth Classic Theatre is celebrating its 10th anniversary season and the bard's 450th birthday with one of his classic comedies. When Her Majesty, Queen Elizabeth I, commanded a comedy to celebrate Twelfth Night, Shakespeare responded with this tale of love, loss and loads of laughter. Free with regular admission.



Photo: Bob Gutowski

20 Grist Mill Demonstration Day
Sunday, July 20, 12-3pm
See June 15 for more information.

22 Storytime
Tuesday, July 22, 10:30-11am
See June 3 for more information.

A U G U S T

2 Garden Discovery Series – Songbirds: Sweet Tweets of Summer

Saturday, August 2, 11am-3pm
With more than 4,000 species, these vocal visitors sweeten our ears with their magnificent songs. Find out which songbirds you can find throughout the Arboretum and in your own backyard. Then make your own sweet songbird as a special memento of our vocal feathered friends.

5 Storytime

Tuesday, August 5, 10:30-11am
See June 3 for more information.

7 WXPN Kids Corner Concert – Rolie Polie Guacamole

Thursday, August 7, 6:30-7:30pm
See page 14 for cost and detailed information.

14 WXPN Kids Corner Concert Kira Willey & Friends

Thursday, August 14, 6:30-7:30pm
See page 14 for cost and detailed information.

17 Grist Mill Demonstration Day

Sunday, August 17, 12-3pm
See June 15 for more information.

19 Storytime

Tuesday, August 19, 10:30-11am
See June 3 for more information.

21 WXPN Kids Corner Concert Joanie Leeds & the Nightlights

Thursday, August 21, 6:30-7:30pm
See page 14 for cost and detailed information.

backyard brood, while making your own chirping cheerio feeder to share with our fluffy friends.

7 Grandparents Day

Sunday, September 7, 10am-5pm
BYOG (bring your own grandparent) to Morris Arboretum on National Grandparents Day! Kids who bring a grandparent get \$3 off admission, making youth admission \$5. Enjoy the "Founding Treasures" map of the garden. Just as grandparents are the founding treasures of their family, the buildings, trees, and sculptures highlighted on the "Founding Treasures" map are the Arboretum's founding riches.

9 Storytime

Tuesday, September 9, 10:30-11am
See June 3 for more information.

20 Culture Connection: Exploring Arabic Heritage

Saturday, September 20, 11am-3pm

Listen, watch and discover Arabic traditions while you stroll the Arboretum's gardens. Local musicians and artists will demonstrate their cultural favorites. Tours highlighting trees in the Arboretum's collection that originate from the Middle Eastern region will also be available.

21 Grist Mill Demonstration Day

Sunday, September 21, 12-3pm
See June 15 for more information.

23 Storytime

Tuesday, September 23, 10:30-11am
See June 3 for more information.

S E P T E M B E R

6 Garden Discovery Series – Chirping Cheerios!

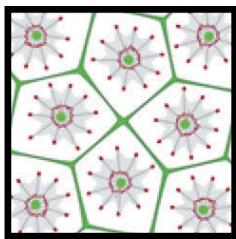
Saturday, September 6, 11am-3pm

One of the best ways to discover the birds in your backyard is to feed them! Join us *Out on a Limb* and discover the ABC's of feeding your

ADMISSION	
Adults (18 - 64yrs.)	\$16
Senior (65+yrs.)	\$14
Children (3 - 17yrs.)	\$8
Members	FREE

* Please note, Arboretum events are subject to change without notice.

In the event of inclement weather, please check the website at www.morrisarboretum.org for information or call (215) 247-5777, ext. 0.



PA Botany

A Hub for All Things PA Botanical

PA Botany is a hub for botanical communication, training, and news in the commonwealth. The organization held its first symposium in November 2012, and the response was overwhelming.

The PA Botany committee also identified a keen interest for interim workshops between bi-annual symposia. In April, Morris Arboretum Director of Botany, Dr. Timothy Block hosted a workshop at the Morris Arboretum, called A Consulting Botanist's Toolkit. The need for rare plant identification figures into every building project in Pennsylvania. Dr. Block's workshop provided participants with the skills they need to correctly conduct plant surveys, document findings for the Pennsylvania Natural

Heritage Program (PNHP), prepare reports to submit to the Department of Conservation and Natural Resources (DCNR), and prepare museum quality plant voucher specimens.

Dr. Block is one of the founding members of the organizing and planning committee for PA Botany and PABotany.org. The website is the product of individuals from a variety of Pennsylvania botanical institutions and plant conservation organizations. Morris Arboretum of the University of Pennsylvania supports this project through Dr. Block's expertise and teachings.

The next symposium will be held in November. Registration will open in late summer. Check PABotany.org for details.

Photo: Louise Clark



Gardener Exchange Program

In 2012 Morris Arboretum began a reciprocal gardener exchange program with the Royal Landscape in Windsor, England. Facilitated by Tony Aiello, the *Gayle E. Maloney Director of Horticulture and Curator*, and Mark Flanagan, *Keeper of the Gardens* in Windsor Great Park, a horticulturist from each garden visits for three weeks and works in different sections of the host garden. Differences in climate, plants, tools, techniques, and language are highlights of the learning experience.

Louise Clarke from Morris Arboretum and David Hayman from the Valley Garden were the inaugural participants. Tracy Beerley from Morris Arboretum and Matthew Lazarczuk from the Royal Landscape participated in year two. This year, Lucy Dinsmore, the Rose and Flower Garden section leader will travel to Windsor, while gardener Clair Brock from the Valley Gardens visits Morris Arboretum in mid-June.

Late Night Wednesdays

Come enjoy a relaxing evening at the Morris Arboretum. Bring a picnic, a book, or a friend, and enjoy a summer evening in the garden until 8pm.

Photo: Paul Meyer



Summer Concerts at the Arboretum Save Time and Money— Purchase Your Tickets Online!

After listening to members, concert prices have been restructured. This year, tickets will be priced per individual, instead of per car. Families and groups often do not arrive together, and this provides flexibility when attending events.

New ticket prices are:

Pre-ticketing online: \$8/member adult, \$4/member child; \$16/non-member adult, \$8/non-member child.

At the gate (if available): \$10/member adult, \$5/member child; \$18/non-member adult, \$10/non-member child.

Advance tickets are available to purchase through Ticket Leap at <http://bit.ly/MAtickets>. Visitors are strongly encouraged to buy tickets ahead of time to receive a discount and guarantee admission. This will also greatly assist and expedite entrance at the kiosk. Some remaining tickets may be available to purchase at the gate, however the event may be sold out.

This summer's lineup promises some great entertainment, all in the fabulous setting of the Arboretum's lush summer gardens!

WRTI 90.1 presents Summer Solstice Salsa Party with the Café Con Pan Band

Thursday, June 19, pre-concert activities from 6-7pm; concert begins at 7pm

Celebrate the longest day of the year the Latin way. Salsa dance party and Arboretum favorites, the Café Con Pan Band will have everyone up on their feet with their sizzling hot music. Cheryl Ingram, owner of Lace It Up Dance Studio, will be on hand before the concert to provide free salsa dance lessons.

WXPN Kids' Corner Concert –

Rolie Polie Guacamole

Thursday, August 7, 6:30-7:30pm

Rolie Polie Guacamole is a hip "kindie" band from Brooklyn, NY. Their high energy, interactive shows are a mix of funk, rock and folk music mashed into original tunes about natural living, eating healthy and staying active.

WXPN Kids' Corner Concert – Kira Willey & Friends

Thursday, August 14, 6:30-7:30pm

Kira Willey and her band blend upbeat, danceable music with get-up-and-move yoga inspiration.

As well as an award

winning singer-songwriter, Kira is certified as a children's yoga instructor. Her song "Colors" was featured in a Dell advertising campaign, garnering her fans around the globe.



Photo courtesy of Kira Willey

WXPN Kids' Corner Concert – Joanie Leeds & the Nightlights

Thursday, August 21, 6:30-7:30pm

Joanie Leeds songs reflect that life is a joyful adventure. With an eclectic melody mix paired with funny and thoughtful lyrics, her tunes will definitely make you smile. Join us for an evening of original and traditional songs that will leave kids and parents grabbing for the invisible microphone!



Photo: Courtesy of Joanie Leeds

Summer Classes

Summer offers unique ways to experience the Morris Arboretum and special learning opportunities. A visitor favorite is the outdoor yoga series, *Yoga in the Garden*: Ten Enchanted Evenings and *Yoga Out on a Limb*. Reduce stress, improve your balance, get fit, and enjoy the garden on beautiful summer nights with *Yoga in the Garden*. *Yoga Out on a Limb* offers a wonderful way to start your Sunday morning, surrounded by the Arboretum's tree canopy. Classes are taught by Jennifer Schelter and feature Vinyasa or flow-style yoga. Pre-registration for these classes is strongly encouraged as space is limited.

Yoga in the Garden: Ten Enchanted Evenings

*Ten Tuesdays: June 3, 10, 17, 24,
July 1, 8, 15, 22, 29, August 5
7–8:15pm*

Members: \$180 for ten sessions or \$100 for five. Non-members: \$200 for ten sessions or \$120 for five.

Photo: Arnold Winkler



Photo: Ken Bremmer

Yoga Out on a Limb

*Four Sundays: June 15, July 13,
August 17 and September 21
8:30–10am*

Members: \$75, non-members: \$80.

*Walk-ins for both yoga series: \$25 per session, cash and checks only

Mini-Morris Players

*Four Thursdays: July 10, 17, 24, 31
6:30–7:45pm*

Members: \$85, Non-members: \$100.

Mini-Morris Players is a fun-filled, four-week series where children will create short outdoor plays incorporating

their garden surroundings into the story. With simple props and costumes, the young performers will become the trees, shrubs, flowers, streams, and animals, celebrating the natural history of the Morris Arboretum. Children will learn their parts and hone their acting skills, culminating in a performance at the end of each evening before their families. While the children are engaged in rehearsals, parents and grandparents are invited to relax and take a stroll through the gardens. Pre-registration required. Register at online.morrisarboretum.org/GrowingMinds or call (215) 247-5777, ext.125.

Everything You Didn't Know About Plant Sex

*Thursday, June 12
7–8:30pm*

Members: \$25, non-members: \$30

In Everything you Didn't Know About Plant Sex, learn about the diverse ways that plants reproduce and the evolution of plant reproduction. With a focus on flowering plants, you will hear some of the weird and wonderful stories of how plants have evolved to ensure the arrival of another generation.

For all classes you can register online at online.morrisarboretum.org/classes or call (215) 247-5777, ext. 125.



Connections Beyond Our Garden— Talks on People, Plants and Place

Returning for its fifth season this fall, this mid-week afternoon series will feature three stimulating and provocative talks in October, November and December.

A reception with refreshments will follow 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 online, morrisarboretum.org/classes, or call (215) 247-5777, ext 125.



"Birds Can Save the World"
John W. Fitzpatrick – Louis Agassiz Fuertes Director, Cornell Lab of Ornithology
Wednesday, October 22, 2pm

This illustrated lecture emphasizes the vital role that birds play in fostering the conservation of worldwide biological diversity. They represent our most accessible

and sensitive indicators of environmental health and ecological change. Birds, both the rarest and the most common, teach us much about human nature, environmental protection, and opportunities for saving not just species, but also the great natural systems on planet Earth.

Also this fall:

"Why was Charles Darwin Aboard HMS Beagle?"
Keith Thomson, Emeritus Professor of natural history at University of Oxford and Executive Officer at the American Philosophical Society
Wednesday, November 19, 2pm

"Emily Dickinson and Beatrix Potter: A Tale of Two Gardeners"
Marta McDowell – Popular lecturer, author, teacher, and gardener
Wednesday, December 10, 2pm



Photo: Arnold Winkler

Looking Ahead to Fall

Summer is here, but we're already looking forward to the return of the much-anticipated Scarecrow Design Contest. More than 30 scarecrows will be on display from October 4 to October 19 along the Oak Allée. This year, there will be one theme, "Heroes and Villians," with five prize winners chosen. Come vote for your favorite to determine which 'crows will be crowned. Check online at www.morrisarboretum.org in mid-August for more information on how to enter.

The Fall Festival will also return for two days on October 4th and 5th. Save the dates and make plans for a day (or two!) of family fun. Make a scarecrow, paint a pumpkin, sample a great variety of apples and much more. This event is always a visitor favorite!



Moonlight & Roses

It's not too late to reserve a space at the most popular garden party of the year! *Moonlight & Roses* will take place on Friday, June 6, beginning with cocktails and hors d'oeuvres in the Rose Garden at 6pm, followed by dinner and dancing in the fabulous moonlit tent. Jessie Deming and Bob Boyer are co-chairing this year's event, and Morris Arboretum is delighted to recognize longtime friend Jessie Hill as the 2014 *Moonlight & Roses* honoree. Reservations are required and space is very limited. To register, please contact Kristen Casalenuovo at (215) 247-5777, ext. 418 or kcasal@upenn.edu no later than May 27.

Photo: Mark Stehle

Horticulture Volunteer Opportunities!

Do you like gardening? Getting your hands dirty? Would you like to learn more about the gardens of the Morris Arboretum that you love? Then being a horticulture volunteer just might be the task for you! Each week through the growing season, our dedicated volunteers rotate throughout the entire Arboretum working in a variety of terrains. Together as a group, they tackle a number of physical garden tasks such as weeding, mulching, pruning or invasive plant removal under the supervision of the Arboretum horticulture staff. Our current program runs one weekday morning a week, but we are hoping to expand to include other weekdays as well. Previous gardening experience is helpful, but not required.

If you are enthusiastic about the Arboretum and like working outside, join the Horticulture Volunteers!

For more information, please contact Pam Morris Olshefski, Curatorial Assistant, at pamela@upenn.edu or call (215) 247-5777, ext. 188.



Photo: Paul Meyer

Where will your membership card take you this summer?

Your Morris Arboretum membership card can take you places far beyond our garden gates. With your valid card you can receive free or discounted admission to more than 300 gardens across the country through the American Horticultural Society's Reciprocal Gardens Program (RAP)! Local favorites include Camden Children's Garden, Hershey Gardens, and Tyler Arboretum. Be sure to check the website or phone the garden you are visiting to learn more about the specifics of the discount they offer. For a complete list of participating organizations visit <http://www.ahs.org/gardening-programs/rap>. Or, if you would like a hard copy of the RAP Directory, they are available for purchase at The Shop for just \$2.

Traveling beyond the Philadelphia region? Below are just a few of the other participating organizations across the country where your Morris Arboretum membership card will provide you with free or discounted admission:

Desert Botanical Garden – Phoenix, AZ

Denver Botanic Garden – Denver, CO

Bok Tower Gardens – Lake Wales, FL

Atlanta Botanical Garden – Atlanta, GA

The Morton Arboretum – Lisle, IL

Coastal Maine Botanical Gardens – Boothbay, ME

The Frelinghuysen Arboretum – Morris Township, NJ

Brooklyn Botanic Garden – Brooklyn, NY

The New York Botanical Garden – Bronx, NY

Cornell Plantations – Ithaca, NY

Cleveland Botanic Garden – Cleveland, OH

Lady Bird Johnson Wildflower Center – Austin, TX

Wave Hill – Bronx, NY



Wave Hill – Bronx, NY Photo: Jan McFarlan

It's not too early to be thinking about planting bulbs! Make an online purchase at Brent & Becky's Bulbs, and a percentage of your purchase will support the Morris Arboretum. Visit www.bloominbucks.com and select "Morris Arboretum of the University of Pennsylvania" from the drop down menu. You will then be taken to the website for Brent and Becky's Bulbs where you can select from their huge selection of bulbs, plants, perennials, supplements, books, tools, and more. A percentage of your purchase will be donated to the Morris Arboretum.

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Morris Arboretum

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Official arboretum of the Commonwealth of Pennsylvania

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Garden Railway Display 2014

This year's theme "Who Lives Here?" features creations that will engage kids' imaginations with clues built into the houses. The buildings will be fanciful dwellings, from a really, really tall giraffe's house, to a tiny little home for a hummingbird. A coiled house for a snake will feature shingles that resemble scales, and a possum will find a home that hangs upside down from a tree. This year's display will delight and intrigue visitors both young and old.

The Garden Railway is free with regular admission, and is open weekdays from 10am to 4pm until Labor Day, and until 5pm on weekends. On Wednesday evenings in June, July and August, the Arboretum is open until 8pm. From September 1 – October 13 the Garden Railway will be open weekends only from 10am-4pm. Visit www.morrisarboretum.org for special events all summer long.



Photo: Applied Imagination