

# SEASONS

Summer 2013

Volume 42 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*

## Stewarding our Historic Heritage

When the Morris Arboretum opened to the public in 1933, visitors found an elegant, impeccably maintained garden. At the time, L. H. Robbins, wrote in the *New York Times* that the Morris Arboretum “was one of the most beautiful estates in America... that has long since been established as one of the great plant sanctuaries of the world.” However, in the following decades, the endowment slowly eroded, facilities maintenance was deferred, and by the 1970s, gardens were overgrown, fountains had gone dry and structures were falling into disrepair.



Photo: Nick Kelsh



Pumphouse c. 1985

Historic preservation was a central component of the Arboretum Master Plan, launched in 1978. Shortly thereafter, the Arboretum applied for and was placed on the National Register of Historic Places. Since then, year by year, we have been working to reverse the decay, to restore and adaptively reuse the historic gardens and structures, and to stay on top of routine maintenance.

All of this is very expensive, and at times I feel we take two steps forward and one step back. The recession of recent years created new budgetary constraints, and dollars allocated to maintenance had to be cut back to balance the budget.

As we celebrate the successful conclusion of the *Always Growing* campaign, I am pleased to report that the restoration of many structures, garden features, and fountains was directly funded with campaign contributions. Examples include the Love Temple at the Swan Pond, Long Fountain, Key Fountain, Springhouse and Springfield Mills. But also, I am especially proud of some recent successes in funding historic preservation in an ongoing and sustainable way. Several years ago, at the urging of the Advisory Board of Managers, we launched a new historic preservation endowment. Through generous contributions, this endowment is now valued at over \$1.4 million, and will generate more than \$65,000 spendable income annually. Additional named endowments have been created in memory of Charles Holman to support the Key Fountain, and in honor of Elizabeth McLean to preserve the Mercury Loggia. Also, the new Horticulture Center has been endowed with over three million dollars. These are big and important steps forward as we strive to maintain our facilities and infrastructure, but much remains to be done.

Collectively, the Arboretum’s facilities and infrastructure have an estimated value of over \$29,000,000. Director of Facilities Tom Wilson, and his predecessor Bob Anderson, advocate that the Arboretum allocate over \$600,000 annually to keep our physical facilities in top condition. This implies a long range goal of \$12 million in order to fully fund historic preservation.

We will be continuing to encourage our supporters to adopt and endow particular features, and unrestricted bequests will be directed to continuing to build the historic preservation endowment. John Shober, a longtime friend of the Arboretum and emeritus board member, famously said, “The road to hell is paved with deferred maintenance.” The board and staff of the Morris Arboretum are determined to avoid that route, and instead move forward on a path to heaven, paved with timely maintenance and stewardship of our facilities and infrastructure.

*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, 10-4

Sat/Sun, 10-5 (April - Oct.)

Sat/Sun, 10-4 (Nov. - March)

Thurs. 10-8:30 (June, July, August)

### Information:

(215) 247-5777

[www.morrisarboretum.org](http://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](mailto: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](mailto:info@morrisarboretum.org) and [members@morrisarboretum.org](mailto:members@morrisarboretum.org) to your list of accepted senders  
or friends list if you wish to receive this information.

Cover Photo: Susan Crane

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Pumphouse today

Photo: Paul Meyer







Photos: Mark Stehle

# Always Growing

THE CAMPAIGN FOR MORRIS ARBORETUM  
www.morrisarboretum.org

## Campaign Achievements

Total Number of Donors	22,943
Campaign Goal	\$60 MILLION
Total Raised	\$61,646,556
Total Raised for Endowment	\$20,683,201

On Wednesday, April 24th, the Morris Arboretum officially celebrated the culmination of its transformative *Always Growing* campaign!

Jane Alavi, Chair of the Arboretum's Advisory Board of Managers, and Paul Meyer, the *F. Otto Haas Executive Director*, welcomed campaign donors and University of Pennsylvania leaders to a festive evening of cocktails and dinner under the Widener Tent. Susan Oberwager and John Shober were lauded by those gathered for their inspirational leadership and tireless efforts as campaign co-chairs over the past decade. The guest speaker for the event was Gerard T. Donnelly, Ph.D., President and CEO of Chicago's Morton Arboretum. He addressed the critical role of arboreta in the 21st century, and also commended the Morris Arboretum's members, friends, and donors for their extraordinary generosity in support of the *Always Growing* campaign.

The *Always Growing* campaign achievements – including pioneering capital projects, new endowments, and innovative programming – have led to unprecedented growth at the Morris Arboretum. As we mark this milestone in the Arboretum's history, we extend our profound gratitude to all those who have contributed to this success. It is because of you that the Morris Arboretum is poised for tremendous growth as we cultivate our future!



# Widener Center Renovation Project

LESLIE WEISSER, *Associate Director of Development, Corporate, Foundation & Donor Relations*

As you arrive at the Morris Arboretum and look to the top of the ridge, you will see the George D. Widener Education & Visitor Center. This beautiful stone building, built in 1888, was the carriage house for the Morris' country estate and is listed on the National Register of Historic Places. The three-level building served as the home of the Compton estate's coachman, and also housed a carriage room, harness room and horse stalls on the main floor, a holding area for equipment on the lower level, and a wagon house directly behind the building.

By the 1970s, the Morris Arboretum's carriage house was being used to store garden vehicles, and its original beauty was muted by years of deferred maintenance. At the same time, the Arboretum was facing an institutional dilemma due to a lack of adequate space to accommodate expanded visitation and an increase in the number of requests for education classes. In the midst of this challenge, board member F. Eugene Dixon, Jr. suggested that the carriage house had great potential for repurposing as an education center. The first refurbishment of the structure was made possible through Dixon's vision and generosity, and the renovated building was dedicated in honor of George D. Widener, who was Dixon's uncle and a member of the Arboretum's first advisory board. Since that time, the



Photos: Paul Meyer

Widener Center has served as the heart of the Arboretum's public programming and has welcomed more than two million visitors.

This spring, the Morris Arboretum has embarked on a new renovation of the Widener Center. While committed to maintaining the building's historic and architectural integrity, we also recognized the critical need to increase accessibility to all of the center's public spaces. As the Arboretum's hub of hospitality, the refurbished Widener Center promises to enhance the experiences of our garden visitors.

We are happy to report that the first phase of the renovation project is complete, thanks to a generous grant from the Widener Memorial Foundation and several individual gifts. A new café and catering kitchen has been added, additional barrier-free restrooms are now located in the wagon house, and a state-of-the-art audio-visual system has been installed.

As additional funding is secured, the next phase will begin, including the construction of an accessible foyer with automated doors into The Shop, the addition of an outdoor plaza that offers a large gathering space and improves entry to the first floor of the building, re-grading of the ramp from the driveway to the plaza, and the installation of new exterior lighting.





# Caring for Trees at the Arboretum

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

Throughout the Arboretum we have approximately 4,000 trees of all shapes, sizes and ages. These include young plants that may only be a few years old, to the noblest and most prominent centenarians, such as the Bender oak (*Quercus × benderi*) or the trees on the Nyssa Slope (*Nyssa sylvatica*). Among these 4,000 are trees grown from seed collected in 34 countries, including places you might expect such as the United States, China, and Japan, but also countries that are less commonly thought of including, Armenia, Azerbaijan, Mexico, North Korea, Turkey, and the Ukraine.

Caring for these trees is one of the primary goals of the Horticulture department. Our charge is to preserve them for posterity, while regularly planting young trees to ensure we have a vibrant collection of trees of a variety of ages. We add trees to the collection in a number of ways. For the most part, we grow them from seed collected on our plant collecting expeditions (see *Seasons*, Winter/Spring 2013), some are propagated by cuttings from the Arboretum or other public gardens, and some are purchased. Our horticulturists plant these trees throughout the Arboretum and care for them as long as the pruning can be done from the ground.

Once the trees get larger, we have a full-time arborist, Andrew Hawkes, who works with our *Walter W. Root Endowed Arboriculture Intern* (Fabrice Rochelemagne), to manage our tree collection. They use their skills for a variety of tasks, such as formative pruning of young plants, trimming and managing the safety of maturing and mature specimens, and ultimately removing dying or dead trees.

For the past three years, we have had a partnership with Shechtman Tree Care, with whom we have contracted to have their arborists work on site each week. Through this beneficial relationship we have been able to leverage our resources and their expertise to our arborist work team, and gain access to the large scale equipment (such as a bucket truck) that Shechtman can provide.



Photo: Paul Meyer

The work to manage our tree collection is supported by two other endowments, the Miller Tree Care Endowment (in memory of Marjorie Miller) and the Tree Endowment Fund (resulting from tribute and memorial tree gifts). These two endowments support our arboricultural efforts by providing funds for purchasing equipment and supplies such as climbing ropes, harnesses, and hand and power tools. We also use these endowments to send our arborists to conferences and training symposia that allow them to maintain their International Society of Arboriculture professional certifications. In some cases, there are expenses related to tree care that are outside our normal scope – such as large-scale tree spading – thanks to the generosity of donors over the years, we have endowments available for these purposes.

This past fall, we were very fortunate that we did not sustain significant damage from Hurricane Sandy. While in part we were lucky, maintaining our long-term standards of excellence in managing the trees in the Arboretum also played a key role. The take home message is that trees are a long-term commitment, and their care begins the moment they are planted, lasting for the rest of our lives and beyond.

*“Nothing is holier, nothing  
is more exemplary than a  
beautiful, strong tree.”*

– HERMAN HESSE

# Honoring Elizabeth P. McLean

LESLIE WEISSER, Associate Director of Development, Corporate, Foundation & Donor Relations

With a hint of humor in her voice, Morris Arboretum Board member Elizabeth McLean refers to herself as a “late bloomer” when it comes to gardening. She received both her B.A. and M.A. in American History at the University of Pennsylvania; her goal was a Ph.D. in American Civilization and a career in academia.

That plan changed when she attended a friend’s party and met Bill McLean. Elizabeth was wearing a red dress that afternoon; Bill later said that she sparkled across the room; they married six months later. Elizabeth describes Bill, who died in 2011, as a devoted parent and a partner who supported her work and interests.

The chapter of Elizabeth’s life that begins to tell the story of her passion for gardens opened when she was the mother of five young children, and living in a farmhouse in Wynnewood. Bill was the gardener then, carefully nurturing a backyard vegetable garden. As their family grew, the McLeans built a home and Elizabeth considered plantings for the yard. This interest was her entry into gardening.

Elizabeth applied to the Barnes’ Arboretum School and studied under the legendary John J. Fogg, Jr., Professor of Botany at the University of Pennsylvania. The rigorous, three-year program had a profound effect on the way in which Elizabeth looked at the world, and shaped her understanding of the relationship between plants, history, and place.

Today, Elizabeth is a renowned garden historian and published author who has shared her knowledge with thousands of individuals through her writing and lectures. She is past president of the Philadelphia Botanical Club, was a research associate at the Academy of Natural Sciences, the first woman president of The Library Company, a director of Independent Publications, and has served as a consultant for Philadelphia’s finest historic estates. Elizabeth received the Pennsylvania Horticultural Society’s Distinguished Achievement Medal in 2002.

Elizabeth McLean has also been a visionary leader at the Morris Arboretum, and we are honored by her deep commitment. Beginning in 1980, when she assisted the Arboretum in spearheading the first major American exhibit at the international Chelsea Flower Show, Elizabeth has been a vital member of this community. She has served on the Advisory Board of Managers and has played key roles on the Executive Committee, Education Committee, Horticulture Committee, and as Chair of the Plant Science Committee.

Elizabeth has influenced every facet of the Morris Arboretum’s work through her combined love of plants and history. She has been a strong proponent of historic preservation in the garden and, with her husband Bill, has provided significant support for the Arboretum’s natural areas, education programs, botany department, and staff development.

In gratitude for Elizabeth’s unparalleled contributions to the Morris Arboretum, we are delighted to announce the naming of the Mercury Loggia, one of the Arboretum’s most historic features, as the *Elizabeth P. McLean Mercury Loggia*. Overlooking the English Park, the *Elizabeth P. McLean Mercury Loggia* is an enduring tribute to Elizabeth and her life’s work. Through a generous grant from the McLean Contributionship and gifts from family members, the *Elizabeth P. McLean Mercury Loggia Endowment* has also been established to support the preservation of this iconic, century-old garden feature in perpetuity.

We are honored to celebrate the innumerable ways in which Elizabeth has enriched the life of the Morris Arboretum and inspired others through her work.



*“There are few people who understand the depth and breadth of the Arboretum’s mission better than Elizabeth.”*

– Executive Director Paul Meyer

Photo: Paul Csinas





# There's Something BIG at the Morris Arboretum!

Something new and BIG has sprung to life at the Morris Arboretum. The *Big Bugs* are here – delighting visitors young and old. These 11 enormous “bugs” are the creation of Long Island sculptor, David Rogers. Designed using various combinations of standing or fallen dead trees, selectively harvested green saplings from the willow family, dry branches, and other forest materials, these amazing sculptures awe and amuse with their different shapes, colors and textures.

Photo: Paul Meyer



Children and adults will marvel at three big ants, one praying mantis, one dragonfly, one damselfly, one spider with web, one assassin bug, one ladybug, one grasshopper, and one daddy longlegs. Visitors will have to explore the entire Morris Arboretum garden to discover them all.

The *Big Bugs* exhibit will be on display through August 31st. Events themed around the bugs will keep visitors entertained all spring and summer. No reservations are required and events are free with regular garden admission unless noted.

The *Garden Discovery Series* will take place on the first Saturday of every month through October from 11am to 3pm. Visitors will experience hands-on fun at the Garden Discovery Table, located on *Out on a Limb*. Discover new and fascinating facts about the *Big Bugs* and their smaller counterparts, while exploring other fun science topics. Creative discovery table visitors will have the chance to create a cool craft to take home.

*Let's Move – Be a Bug* is another monthly series set for the third Saturday of each month from 11am-1pm. Giggle your way through this bug boot camp as you learn how to crawl like an ant, hop like a grasshopper, float like a dragonfly, and spin like a spider.

Try something completely different with the Arboretum's evening *Bug Crawl – Food & Drink Pairings for the 21st Century* on Wednesday, July 17. The concept of bugs as a meal is not just a novelty for the adventurous eater, but a sustainable way to feed the earth's growing population. Guests will learn about the science behind this cuisine as they sample insect edibles paired with complementary beer and wine at several *Big Bug* stations. *There is an additional fee for this event.*

Check the calendar on pages 11-12 for a more event details or visit [www.morrisarboretum.org](http://www.morrisarboretum.org). The David Rogers' *Big Bugs* exhibit is made possible by the Madeleine K. Butcher Fine Arts Endowment.

Photo: Jennifer Aiello







# Lydia Morris Legacy Society

VICTORIA SICKS, Associate Director, Individual and Planned Giving

Photo: Paul Meyer

## Why include the Morris Arboretum in your estate plans?

- Take the opportunity to give back to what is important to you. Think of your many pleasant memories of time spent at the Morris Arboretum. You can ensure a similar experience for the next generation.
- Plan your future gift while controlling your assets during your lifetime. As board member Christine James said at a recent Lydia Morris Legacy Society meeting, “... *my future assets could make a difference.*”
- You can easily include a provision in your will or complete a beneficiary designation form for an insurance plan or IRA account.
- Bequests are flexible. You can specify an amount, a percentage, a specific asset. Even a gift of 5% of your estate can have a permanent and positive effect.
- Most estate plans are revocable if your circumstances or priorities change.

Continue the tradition begun by Lydia Morris. Leave a legacy that will help the Morris Arboretum continue to attract high-quality staff, sustain and update excellent programs, maintain the beautiful and significant collection, and respond to new opportunities as they arise.

To discover the various ways to make a legacy gift and see how easy it can be to have a lasting impact, please contact Victoria Sicks, Associate Director, Individual and Planned Giving, at (215) 247-5777, ext. 152 or via e-mail at [vsicks@upenn.edu](mailto:vsicks@upenn.edu).





Photo: Mark Stehle

## 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 8, beginning with cocktails and hors d'oeuvres in the Rose Garden followed by dinner and dancing in the fabulous moonlit tent. Ellen & Jay Hass along with Christine & Michael Bamberger are co-chairing this year's event, and the Morris Arboretum is delighted to recognize longtime friend Nina Schneider as the 2013 *Moonlight & Roses* honoree. Reservations are required and space is very limited. For more information, please contact Karen McGinley at (215) 247-5777, ext. 418 or [mcginley@upenn.edu](mailto:mcginley@upenn.edu).

## 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](mailto:pamela@upenn.edu) or call (215) 247-5777, ext. 188.



Photo: Paul Meyer





Photo: Paul Meyer

## JUNE

**Garden Railway Display –  
Around the World in an Afternoon**  
*Now through Labor Day (Sept. 2)*  
See page 18 for more information.

- 1 Native Trees at  
Morris Arboretum**  
*1st and 3rd Saturdays in June  
(1 and 15), 11am*

Meet in front of the Widener Visitor Center and take a guided tour of the native trees at the Morris Arboretum. Knowledgeable guides will point out each tree's landscape merits, as well as its vital role in our environment.

**Garden Discovery Series –  
Pollination Station**  
*Saturday, June 1, 11am-3pm*  
Join us *Out on a Limb*, where using insect models, discovery table explorers will learn about why pollination is so important.

Photo: Lee Moskow



- 2 Philadelphia Rose Society  
Annual Rose Show**  
*Sunday, June 2, 1pm-5pm*  
Come see the area's most spectacular rose blooms or even enter your own in the competition. Entries are accepted between 7-10:15am and instructions for new exhibitors can be found at <http://philadelphiarosesociety.org/rose-culture/tips-for-new-exhibitors/>

- 7 Moonlight & Roses Gala**  
*Friday, June 7, 6pm-midnight*  
Enjoy cocktails in the Rose Garden and dinner and dancing under the stars at the garden party of the year! For tickets or more information, visit [www.morrisarboretum.org](http://www.morrisarboretum.org).

- 8 PA Train Weekend at the  
Garden Railway**  
*Saturday, June 8 & Sunday, June 9, 10am-4:30pm*  
Celebrate Pennsylvania trains at the Arboretum!

- 11 Storytime at the  
Morris Arboretum**  
*Tuesday, June 11 & 25,  
10:30-11am*  
Enjoy a morning listening to fabulous stories as told by a William Jeanes/Springfield librarian in the Outdoor Children's Classroom or Upper Gallery. Take a walk in the summer garden after storytime.

- 13 Model Train Night**  
*Thursday, June 13, 5-8pm*  
Join us in the Upper Gallery of the Widener Visitor Center to celebrate everything trains! Catch the enthusiasm and come visit these wonderful train displays.

- 15 Let's Move – Be a Bug**  
*Saturday, June 15, 11am-1pm*  
Giggle your way through this bug boot camp as you learn how to crawl like an ant, hop like a grasshopper, float like a dragonfly, and spin like a spider. Parents can keep up with the kids and learn these fun moves for themselves! This event takes place the third Saturday of each month, May through August.

## summer events

- 20 Summer Solstice Salsa Party with  
the Café Con Pan Band**  
*Thursday, June 20, Pre-concert  
activities from 6-7pm; concert  
begins at 7pm*  
See page 20 for cost and detailed information.

- 23 Bloomfield Farm Open House**  
*Sunday, June 23, 12-3pm*  
Visitors can tour the Horticulture Center and Springfield Mills. The day will feature "Touch a Truck" with Arboretum equipment for an up close experience.

- 29 Circus Week at the  
Garden Railway**  
*Saturday, June 29 through  
Sunday, July 7, 10am-4:30pm*  
The first circus was held in Philadelphia in 1793. Come see the Big Top and the circus trains, learn the history of the circus and watch for a few surprises.

## JULY

- 6 Garden Discovery Series –  
Discover Fireflies**  
*Saturday, July 6, 11am-3pm*  
Visit the Discovery Table at *Out on a Limb* and learn all about these favorite insects of summer! We'll read *The Very Lonely Firefly*, and make a firefly craft to take home.

- 9 Storytime at the  
Morris Arboretum**  
*Tuesday, July 9 & 23, 10:30-11am*  
See June 11 for details.







- 11 Commonwealth Classic Theatre  
presents *The Complete Works of  
William Shakespeare (Abridged)***  
*Thursday, July 11, 6:30-8:30pm*  
Three actors will parody 37 plays in less than two hours. First performed at the Edinburgh Festival Fringe in 1987, this quick paced farce went on to become the longest running comedy on a London stage.



# June

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 <b>Native Trees at Morris Arboretum</b> 11am  <b>Garden Discovery Series – Pollination Station</b> 11am-3pm
2  <b>Philadelphia Rose Society Annual Rose Show</b> 1pm-5pm	3	4	5	6 	7  <b>Moonlight &amp; Roses Gala</b> 6pm-midnight*	8  <b>PA Train Weekend at the Garden Railway</b> 10am-4:30pm
9  <b>PA Train Weekend at the Garden Railway</b> 10am-4:30pm	10 	11  <b>Storytime at the Morris Arboretum</b> 10:30-11am	12	13  <b>Model Train Night</b> 5-8pm	14 	15 <b>Let's Move – Be a Bug</b> 11am-1pm  <b>Native Trees at Morris Arboretum</b> 11am
16 	17	18	19	20  <b>Summer Solstice Salsa Party with the Café Con Pan Band</b> pre-concert activities 6-7pm; concert 7pm*	21	22 
23 <b>Bloomfield Farm Open House</b> 12-3pm  30	24  <b>Summer Adventure Camp</b> Mon.-Fri., 9am-3:30pm*	25  <b>Storytime at the Morris Arboretum</b> 10:30-11am	26	27	28	29  <b>Circus Week at the Garden Railway</b> 10am-4:30pm

# July

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1  <b>Circus Week at the Garden Railway</b> 10am-4:30pm	2  <b>Circus Week at the Garden Railway</b> 10am-4:30pm	3  <b>Circus Week at the Garden Railway</b> 10am-4:30pm	4  <b>Circus Week at the Garden Railway</b> 10am-4:30pm	5  <b>Circus Week at the Garden Railway</b> 10am-4:30pm	6 <b>Garden Discovery Series – Discover Fireflies</b> 11am-3pm  <b>Circus Week at the Garden Railway</b> 10am-4:30pm
7  <b>Circus Week at the Garden Railway</b> 10am-4:30pm	8  <b>Summer Adventure Camp</b> Mon.-Fri., 9am-3:30pm*	9  <b>Storytime at the Morris Arboretum</b> 10:30-11am	10	11  <b>Commonwealth Classic Theatre presents</b> <i>The Complete Works of William Shakespeare (Abridged)</i> 6:30pm	12 	13
14	15  <b>Summer Adventure Camp</b> Mon.-Fri., 9am-3:30pm*	16 	17  <b>Bug Crawl: Food &amp; Drink Pairings for the 21st Century</b> 6-8pm*	18  <b>Third Thursday: Let's Move – Garden Dance Party</b> 6-7:30pm	19	20  <b>Let's Move: Be a Bug</b> 11am-1pm
21 	22  <b>Summer Adventure Camp</b> Mon.-Fri., 9am-3:30pm*	23  <b>Storytime at the Morris Arboretum</b> 10:30-11am	24	25  <b>Premier Member Evening in the Garden</b> 5:30-7:30pm	26 	27
28	29 	30	31 			

\* pre-registration and/or fee required.



# August

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 <b>Totally Trains</b> 4-8pm <i>WXPN Kids' Corner Concert – Alex &amp; the Kaleidoscope Band</i> 6:30-7:30pm*	2 <b>Totally Trains</b> 10am-5pm <b>Thomas the Tank Engine &amp; Friends Weekend at the Garden Railway</b> 10am-4:30pm	3 <b>Totally Trains</b> 10am-3pm <b>Thomas the Tank Engine &amp; Friends</b> 10am-4:30pm <b>Garden Discovery Series – Clever Camouflage</b> 11am-3pm
4 <b>Thomas the Tank Engine &amp; Friends Weekend at the Garden Railway</b> 10am-4:30pm	5 	6 <b>Storytime at the Morris Arboretum</b> 10:30-11am	7	8 <i>WXPN Kids' Corner Concert – Trout Fishing in America</i> 6:30-7:30pm*	9	10 
11	12	13	14 	15 <i>WXPN Kids' Corner Concert – The Suzi Shelton Band</i> 6:30-7:30pm*	16	17 <b>Let's Move: Be a Bug</b> 11am-1pm
18	19 	20 <b>Storytime at the Morris Arboretum</b> 10:30-11am	21	22	23 	24 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm
25 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm	26 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm	27 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm	28 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm	29 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm	30 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm	31 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm

# September

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm	2 <b>Circus Week Encore at the Garden Railway</b> 10am-4:30pm	3	4 	5 <b>Philadelphia Rose Society Garden Tour and Picnic</b> 6-8pm	6	7 <b>Garden Discovery Series – Sink or Float?</b> 11am-3pm <b>Native Trees at Morris Arboretum</b> 11am
8 <b>Grandparents Day</b> 10am-5pm	9 	10 <b>Storytime at the Morris Arboretum</b> 10:30-11am	11	12 	13	14
15	16	17	18	19	20	21 <b>Native Trees at Morris Arboretum</b> 11am
22 	23	24 <b>Storytime at the Morris Arboretum</b> 10:30-11am	25	26 	27	28
29	30					

Photo credits: Paul W. Meyer, Joan Kober, Judy Miller, Brian Dooner, Paul Warchoal, Dave Cavanaugh, Bob Gutowski, Zac Brooks and Rusty Kennedy.





Photo: APaul Meyer

## summer events

### 17 Bug Crawl: Food & Drink Pairings for the 21st Century

*Wednesday, July 17, 6-8pm*

Try something completely different with the Arboretum's evening *Bug Crawl – Food & Drink Pairings for the 21st Century*. The concept of bugs as a meal is not just a novelty for the adventurous eater, but a sustainable way to feed the earth's growing population. Guests will learn about the science behind this cuisine as they sample insect edibles paired with complementary beer and wine at several Big Bug stations. There is an additional fee for this event.

### 18 Third Thursday: Let's Move – Garden Dance Party

*Thursday, July 18, 6-7:30pm*

Bring the family and a picnic for an evening of good times in the garden. Sounds by Shelly Disc Jockey Services will lead parents and children through games and dances designed to get everybody up off their blanket and moving.

### 20 Let's Move: Be a Bug

*Saturday, July 20, 11am-1pm*

See June 15 for details.

### 25 Premier Member Evening in the Garden

*Thursday, July 25, 5:30-7:30pm*

Beech (\$115) members and above are invited to an exclusive evening of family fun. Pack a picnic dinner or dine in the Café. Invitations will be mailed to eligible members. Please register online by visiting <https://online.morrisarboretum.org/julypremier> or by calling (215) 247-5777, ext. 170.

## AUGUST

### 1 WXPN Kids' Corner Concert – Alex & the Kaleidoscope Band

*Thursday, August 1, 6:30-7:30pm*  
See page 20 for cost and detailed information.

#### Totally Trains

*Thursday, August 1, 4-8pm,  
Friday, August 2, 10am-5pm, and  
Saturday, August 3, 10am-3pm*

Are you a fan of trains? Bring the family to Morris Arboretum to experience everything train!

### 2 Thomas the Tank Engine & Friends Weekend at the Garden Railway

*Friday, August 2-  
Sunday, August 4, 10am-4pm*

Come visit the Garden Railway and see Thomas & Friends take over the tracks.

### 3 Garden Discovery Series – Clever Camouflage

*Saturday, August 3, 11am-3pm*

Discover how and why camouflage helps insects hide from predators and catch their prey. Kids will also create their very own walking stick craft to take home.

### 6 Storytime at the Morris Arboretum

*Tuesday, August 6 & 20,  
10:30-11am*

See June 11 for details.

### 8 WXPN Kids' Corner Concert – Trout Fishing in America

*Thursday, August 8, 6:30-7:30pm*  
See page 20 for cost and detailed information.

### 15 WXPN Kids' Corner Concert – The Suzi Shelton Band

*Thursday, August 15,  
6:30-7:30pm*

See page 20 for cost and detailed information.

### 17 Let's Move: Be a Bug

*Saturday, August 17, 11am-1pm*

See June 15 for details.

### 24 Circus Week Encore at the Garden Railway

*Saturday, August 24 through  
Monday, September 2,  
10am-4:30pm*

## SEPTEMBER

### 5 Philadelphia Rose Society Garden Tour and Picnic

*Thursday, September 5, 6-8pm*

Tour the Morris Arboretum Rose Garden, enjoy a potluck picnic dinner (bring something to share), and talk roses with other rose enthusiasts. Open to the public.

### 7 Native Trees at Morris Arboretum

*1st & 3rd Saturdays in September  
(7 and 21), 11am*

See June 1 for details.

### Garden Discovery Series – Sink or Float?

*Saturday, September 7,  
11am-3pm*

Rise to the top and formulate your own hypothesis as we explore the density and buoyancy of seeds, fruits, leaves, and a variety of other objects at the Discovery Table!

### 8 Grandparents Day

*Sunday, September 8, 10am-5pm*

BYOG (bring your own grandparent) to Morris Arboretum on National Grandparents Day. Kids who bring a grandparent get \$2 off admission, making Youth admission \$5.

### 10 Storytime at the Morris Arboretum

*Tuesday, September 10 and 24,  
10:30-11am*

See June 11 for details.

#### ADMISSION

Adults (18 - 64yrs.)	\$16
Senior (65+yrs.)	\$14
Children (3 - 17yrs.)	\$7
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](http://www.morrisarboretum.org) for information or call (215) 247-5777, ext. 0.





# Summer Flowering Trees Every Garden Needs!

PAM MORRIS OLSHEFSKI, *Curatorial Assistant*

*Magnolia virginiana* var. *australis* (Southern Sweetbay Magnolia)  
Photos: Paul Meyer

The colorful flowers of springtime are long gone, but have given way to the leaves that provide us shade from the summer heat. By now, many gardens lack the showy display once provided by spring's symphony of flowers. While perennials, shrubs and annuals certainly help keep your garden blooming through the year, adding some stunning summer flowering trees can make a statement in your garden and will not disappoint. Here are a few winners:

## ***Magnolia virginiana* var. *australis* (Southern Sweetbay Magnolia)**

This wonderful, semi-evergreen tree tolerates wet soil and grows to about 30' tall in our area. The showy, fragrant flowers in summer are very large, smell like lemons and bloom from May clear into August! The dark, glossy leaves, with a silver underside, really help make this a knockout tree to add summer flowering interest to your garden!

## ***Oxydendrum arboreum* (Sourwood)**

This fabulous native tree loves sun to part shade, with slightly acidic soils. The blooms in June and July have long strands of tiny urn-shaped flowers that gracefully hang to create a lace-like look. The fragrant flowers bloom for weeks on this smaller understory tree that also boasts great fall color.

## ***Franklinia alatamaha* (Franklinia)**

This fabulous, summer-flowering tree is steeped in Philadelphia history, as it was wild-collected by John Bartram in 1770. The fragrant, showy blooms flower from July into August. While it is a smaller tree (20' high), it also has fabulous fall foliage. All Franklinia are thought to trace back to the originals collected by John Bartram, which he named after his friend Benjamin. Not just a great tree, but a piece of history.

## ***Stewartia pseudocameliia* (Stewartia)**

This is one of my personal favorites! Native to Japan, this lovely tree can grow to 40'. The showy, summer flowers in July are just the beginning of what this tree has to offer. With great fall color and rich, reddish, exfoliating bark, it adds great texture and color to the winter landscape.

## ***Lagerstroemia* (Crape Myrtle)**

No summer flowering tree list would be complete without mention of the lovely crape myrtle. With large plumes of terminal flowers available in a wide variety of colors, this summer, tree-like plant is a must in any garden. There are countless varieties in different sizes, all with showy flowers and very mottled, beautiful bark.

Summer certainly lends itself to lazy days, hammocks and neighborhood barbecues. Increase your garden enjoyment with these breathtaking and showy flowering trees that add beauty and shade to my favorite season of the year!

*Lagerstroemia* (Crape Myrtle)







## Tea for...Bugs?

LUCY DINSMORE, *Rose Garden Horticulturist*

Photo: Paul Meyer

**T**he *Big Bugs* are here! How exciting to see huge praying mantis coexisting together with ants, assassin bugs, and spiders. While inanimate, these creatures represent the complex web of life at the Morris Arboretum. And how complex too, is the life in the soil below our feet.

But what do we really know about what goes on beneath our gardens or lawns? Besides the obvious good guys (worms) and bad guys (grubs), there are thousands of fungi, bacteria, nematodes, and protozoa that are invisible to the naked eye. Without a functioning ecosystem in the soil, plants suffer disease, insect problems, and sometimes death.

The majority of a plant's biomass is not what meets the eye, but what is stored below ground as roots – as much as 80% is underground! Soil biology directly impacts plant fertility, erosion, compaction, weed growth, and drought. So when a plant starts to show signs of a problem, we're often treating the symptoms, not the problem itself. In order to understand these issues, it's integral that we understand the complex life in the soil. Environmental factors can affect the balance of the soil, such as drought and flooding, as can compaction from vehicles resulting in poor drainage and anaerobic conditions in the soil. This can explain why some soil has a very low pH. In the absence of oxygen, life in the soil diminishes, and the "bad guy" bacteria overtake the "good guy" fungi. It's usually after this point that we notice plants beginning to decline, and it is this very imbalance that we're striving to fix through applications of compost and compost tea at the Arboretum.

Compost tea is basically an aerated water extract of compost. Like steeping tea leaves, compost tea is made by steeping

compost in oxygenated (bubbling) water to extract the beneficial microorganisms. Why not just use compost in the garden? If your compost pile is large enough you can. But what about a 166-acre Arboretum with a one-acre rose garden and vast expanses of lawn? For large scale areas such as ours, making a "tea" from a small quantity of compost is the best solution. Compost tea requires a lot less compost (only a few pounds go into the "tea" bag), it can cover a greater area, and is much more cost effective in a larger setting like the Arboretum.

The science behind compost and compost tea is to add beneficial organisms back into the soil. When starting a compost tea program, it's important to test the soil conditions before and after, and to also test the compost tea that's being applied. Soil samples should be analyzed under a microscope. A trained eye will be able to detect progress or problems based on the ratio of microorganisms in the soil – the first step in determining a solution. Compacted soils tend to be bacterial dominant, and support annual weeds really well, but not trees and shrubs, which are fungal dominant. If you're trying to grow roses, like we are in the rose garden, then introducing fungi back into the system with an application of compost or compost tea is a good first step.

When soil is healthy and the proper nutrients are made available to plants, it allows them to grow and support a diversity of organisms, from pollinators and beneficial insects, to songbirds and larger predators. The goal of our compost tea program is to appropriately balance the soil biology so it can support the Arboretum's vast living collections. Will it work? This will be the second full year in practice, so we'll keep you posted.



# Exciting Happenings at Springfield Mills

CHRISTINE PAPE, *Editor*

**D**ramatic progress has been made recently at the 250-year-old Springfield Mills on the Arboretum's Bloomfield Farm. After 70 years, the one-ton millstones are grinding grain again!

This has been made possible by generous individual gifts and dedicated volunteers. The Run of the Mill volunteers gather monthly for a restoration work day. From refurbishing the structure and the millworks to plastering and carpentry, these volunteers have brought the mill back to life.

Leading the volunteers is John Basinski, a highly skilled woodworker with a background in historic preservation and education. His dedication and technical expertise, including making wooden gear teeth, has been vital in this process.

Former Arboretum Director of Facilities, Bob Anderson was instrumental in establishing the Run of the Millers. Bob, now a volunteer, continues to provide project leadership, tireless energy, expertise, and his wife Joan's delicious biscotti.

More recent volunteer Craig SanPietro planned and implemented most of the mechanical restoration. A retired electromechanical engineer, he has donated almost 500 hours of effort and expertise, playing a pivotal role in restoring the machinery to working order. Craig completed a pumped water system design to power another mill on the Wissahickon Creek, and then joined our volunteers in 2011 at the perfect time. With the building stabilized, efforts were turning toward the machinery support frame and the millworks themselves. Thanks to Craig, the turbine input shaft, great gear, millstones and three overhead shafts are all spinning and driving a smaller mill and oscillating sifter for the first time since World War II. All machinery is powered by a motor system he designed. He hopes that the millworks will excite visiting students and might even orient a few toward engineering careers.



Photos: Bob Gutowski

Future work will restore the grain elevators and other elements of the original Oliver Evans design. The long term goals are to restore water power to the mill and to grow the feature as an educational resource for both children and adults. More than two dozen volunteer enthusiasts are active on the work crew and in education programs. Each contributes personal passion and some special skill in bringing life back to the mill. Their activities, along with the financial and material support of many others, have been instrumental in restoring the mill as a historic resource and important educational asset.

New interpretive materials and programs are being developed with the Education volunteers, and group tours are now available. For more information visit [http://www.business-services.upenn.edu/arboretum/visit\\_tours.shtml](http://www.business-services.upenn.edu/arboretum/visit_tours.shtml).

## For their recent gifts to Springfield Mills, the Morris Arboretum thanks:

- Fairwold Chapter, Questers International Organization
- Richard S. Greeley in memory of Loretta Greeley
- Janet and John Haas
- Ann and Frank Reed
- Arboretum Guides for their contribution of benches around Springfield Mills in memory of Loretta Greeley

## And these professionals for recently donated services:

- Earl Jenkins, structural renovation
- Joseph Manero & Son, masonry
- Bob Martin & Paul Madrak, electrical wiring





# Emerging Threat: Japanese Cedar Longhorned Beetles

JASON LUBAR, Associate Director of Urban Forestry, Morris Arboretum

KEN LEROY, Certified Arborist Representative, John B. Ward Tree Experts

As arborists, we are tasked with discovering why trees suddenly decline. Most of the time, we can identify the cause and recommend corrective action. Sometimes, through investigation or by chance, we discover a pest which has yet to be seen. We identify the pest and research its known range. Rarely, we find that the pest has not been documented in our area, but is currently damaging trees in other regions. With this realization, a wave of gloom sweeps over your body, because you are looking at an emerging pest that may have the ability to wipe out entire tree species from our landscape. In 2010, this scenario occurred at Morris Arboretum.

In 2009, the bridge in the Fernery was demolished and rebuilt using rot-resistant eastern red cedar (*Juniperus virginiana*). In January 2010, the unusual warmth caused the temperature in the Fernery to rise. Volunteer Dianne Smith, who volunteers weekly in the Fernery, noticed small (approximately 1/2" long), black beetles with long antennae emerging from the new bridge. Concerned, she contacted Rebecca Meager, our Plant Protection Intern, who collected and tentatively identified the beetles as Japanese Cedar Longhorned Beetles (JCLB). Since that species had not been documented in Pennsylvania, Rebecca contacted the USDA, who came out, collected specimens, and positively identified the beetle.

Typically, JCLB emerge during early to mid-spring, but the USDA scientists postulated that the warmth in the Fernery tricked the beetles into emerging early. Everyone was concerned that the beetles may have escaped the fernery, but it was believed that, if any did escape, they would have perished in the cold January temperatures. The USDA went to the wood supplier in Quakertown, PA to track down the infestation's origins.

In late 2012, Ken LeRoy answered a call from a client in Jenkintown, PA who was concerned about the condition of 20 recently planted arborvitae (*Thuja plicata*). One had failed, and others had sporadic branch dieback throughout their crowns. Ken took the failed tree back to the shop, stripped off the bark, and exposed serpentine galleries full of frass<sup>1</sup>. A deeper gallery was discovered at the center of



Photo: <http://natural-japan.net>

the stem below the branch collar, where a JCLB was found, ready to emerge. Simultaneously, colleague Chris Ward brought in another failing 'Green Giant' arborvitae from Devon, PA. Ken and Chris were astonished to see the same serpentine galleries, and discovered adult beetles in deeper galleries, at the junctions where the branch meets the trunk. They thought back to a situation in 2010 in Gladwyne, PA, where they encountered six established Japanese cryptomeria (*Cryptomeria japonica*) showing symptoms of sporadic branch dieback. At the time, they could not figure out what was causing the branch dieback, but they now realized the symptoms matched those from a JCLB infestation.

JCLB (*Callidiellum rufipenne*) originated in East Asia, where it is considered a secondary pest attracted to weakened trees. The beetle was first discovered in North America in Vancouver, British Columbia in 1927, and was first reported on the east coast in Manteo, North Carolina in 1997. Now, JCLB seems to be well established on the east coast.

Keep vigilant! In its native range, JCLB is associated with coniferous trees of the *Taxodium* and cypress family (*Cupressaceae*), which include Japanese cryptomeria, Hinoki cypress, Sawara cypress, and false arborvitae. In North America, JCLB has been found in eastern red cedar, American arborvitae, juniper, and Monterey cypress.

More information about this pest is detailed in the USDA's "Pest Alert", available at [www.aphis.usda.gov/publications/plant\\_health/content/printable\\_version/jclbpale.pdf](http://www.aphis.usda.gov/publications/plant_health/content/printable_version/jclbpale.pdf)

1. fecal material and/or wood shavings produced by insects

# *Around the World in an Afternoon!* at Morris Arboretum's Garden Railway

**T**ravel to the ends of the earth this summer at the Morris Arboretum's Garden Railway. Visitors will experience magical visits to The Great Wall of China (China), The Leaning Tower of Pisa (Italy), Hagia Sophia (Istanbul), Tikal (Guatemala) Maachu Picchu (Peru), Petra (Jordan), the Giza Pyramid, Alexandria Light House and the Sphinx (Egypt), the Eiffel Tower and the Arch d'Triomphe (Paris), the Easter Island figures (Chile) and the Parthenon (Greece), plus the always popular Philadelphia landmarks.

The Garden Railway display is a miniature world set in the splendor of our summer garden. The Garden Railway is free with regular admission, and is open daily from 10am to 4pm until Labor Day, and until 4:30pm on weekends. On Thursday evenings in June, July and August, the Arboretum is open until 8:30 pm, with the trains running until 8pm. Check out [www.morrisarboretum.org](http://www.morrisarboretum.org) for special events all summer long.



Photo: Paul Meyer

## Morris Arboretum Receives Prestigious Accreditation

**T**he Morris Arboretum was recently named a Level IV Accredited Arboreta by The Morton Register of Arboreta, achieving the highest level of recognition available. The Morton Register is a comprehensive list and database of arboreta and other public gardens that have a substantial focus on trees and shrubs.

Photo: Paul Meyer



Organizations that have been awarded Level IV status have met the highest levels of arboretum standards:

- A scientific and/or conservation staff and capability to collaborate on sophisticated scientific or conservation activities with other arboreta or organizations related to trees.
- Institutional capacity, stability, and commitment to hold and safeguard plants of collections or conservation value on behalf of the collective interests of the profession.
- Specific participation in collaborative scientific or conservation activities related to trees, such as the North American Plant Collections Consortium or the Global Trees Campaign.

The Morris Arboretum is the only arboretum in the Philadelphia area to receive this level of accreditation. When asked about this distinction, Anthony S. Aiello, the Arboretum's Director of Horticulture and Curator, said, "This recognition acknowledges the Arboretum's standing among its peers as one of the leaders in collecting, growing, and teaching people about our trees. It is a testament to the work of all our staff in making the Arboretum a place where visitors can enjoy, learn, and study the life of trees and their importance in the world."



# Where will you go this summer with your membership card?

**T**his summer's Garden Railway display will take you *Around the World in an Afternoon*. Did you know that your Morris Arboretum membership card can take you places far beyond our garden gates? Bring your valid membership card with you on the road or on your next flight to gain free or discounted admission to more than 200 gardens across the country through the American Horticultural Society's Reciprocal Gardens Program! Local favorites include Bartram's Garden, Camden Children's Garden, Hershey Gardens, Tyler Arboretum, and Winterthur. Be sure to phone or check the website of the garden you are visiting to learn more about the specifics of the discount they offer. Here are just a handful of participating gardens:

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  
The Arnold Arboretum of Harvard University – Boston, MA  
Polly Hill Arboretum – West Tisbury, MA  
Coastal Maine Botanical Gardens – Boothbay, ME  
Frederick Meijer Gardens & Sculpture Park – Grand Rapids, MI  
J.C. Raulston Arboretum – Raleigh, NC  
Brooklyn Botanic Garden – Brooklyn, NY  
The New York Botanical Garden – Bronx, NY  
The Holden Arboretum – Kirtland, OH  
Lady Bird Johnson Wildflower Center – Austin, TX

For a complete list of gardens participating in the program visit <http://www.ahs.org/gardening-programs/rap>.



Brooklyn Botanic Garden. Photo: Paul Meyer

## Members Making News

Member Wendy Romig Concannon's photograph *Magnolia Slope*, of the Morris Arboretum's iconic entrance was featured at the Garden Club of America's Centennial Meeting on May 1-2, 2013 celebrating the organization's 100th anniversary and its founding in Philadelphia in 1913.



## It's not too early to be thinking about spring planting for next year!

Make an online purchase at Brent & Becky's Bulbs and a percentage of your purchase will support the Morris Arboretum. Visit [www.bloominbucks.com](http://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.

# Coming this Summer! – *Trout Fishing in America*

Join us on Thursday, August 8 from 6:30-7:30pm as nationally known and locally beloved *Trout Fishing in America* rocks the garden to celebrate the 25th anniversary of WXPB Kids' Corner. Three decades of music, 15 albums, and four Grammy nominations will add up to an evening of fun and music that you will not want to miss. Ticket prices for this concert are \$40 per car for members and \$45 per car for non-members. At the gate, if tickets are still available, prices are \$45 per car for members, and \$50 per car for non-members.



## New this year – Online Ticketing

This year, we will be utilizing online ticketing for concerts. Due to the Arboretum's limited parking, only a certain number of tickets will be available for each concert. Tickets will be available for purchase online until midnight of the evening prior to the concert. Tickets purchased in advance receive a discount and guarantee admission.

On summer concert evenings, ALL CARS ENTERING AFTER 4 PM will need to show a pre-purchased concert ticket or purchase a ticket at the gate if still available. Tickets are per carload and carpooling is encouraged.

Ticket prices for the concerts below are \$20 per car for members and \$25 per car for non-members.

At the gate, if any tickets are still available, prices are \$25 per car for members, and \$30 per car for non-members.

To purchase tickets online go to <http://concerts.morrisarboretum.org>.

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

Thursday, June 20, pre-concert activities from 6-7pm; concert begins at 7pm

Celebrate the longest day of the year the Latin way. Salsa dance party group 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. Come early and learn the moves so you can groove with the music, and sample the delicious and all-natural salsas generously provided by the Easton Salsa Company.



### WXPB Kids' Corner Concert – Alex & the Kaleidoscope Band

Thursday, August 1, 6:30-7:30pm

With 14 national awards for excellence in children's entertainment, *Alex & the Kaleidoscope Band* uplift and engage audiences of all ages with their lively, interactive, and world-music infused performances.

### WXPB Kids' Corner Concert – The Suzi Shelton Band

Thursday, August 15, 6:30-7:30pm

Back by popular demand! Suzi wowed at Bloomfield Farm Day last year, but due to Hurricane Sandy not enough of you got to hear her. So Morris Arboretum has invited Suzi and the band back from Brooklyn for you to enjoy the music from their award-winning albums.



# Summer Classes

## Experience Summer Yoga at Morris Arboretum

Back by popular demand are Morris Arboretum's two signature outdoor summer yoga series, *Yoga in the Garden: Ten Enchanted Evenings* and *Yoga Out on a Limb*. During 10 evening sessions, *Yoga in the Garden* offers participants the opportunity to reduce stress and get fit, with the setting sun as the backdrop. *Yoga Out on a Limb* offers a unique way to start a Sunday morning surrounded by the Arboretum's serene tree canopy. Classes are taught by Jennifer Schelter and feature Vinyasa or flow-style yoga. Pre-registration is strongly encouraged as space is limited. Register at online.morrisarboretum.org/yoga or call (215) 247-5777, ext. 125

### *Yoga in the Garden:* *Ten Enchanted Evenings*

*Ten Tuesdays: June 4, 11, 18, 25, July 2, 9, 16, 23, 30, August 6 7-8:15 p.m.*

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

### *Yoga Out on a Limb* *Three Sundays: June 23, July 21, August 4 8:30-10 a.m.*

Members: \$60, Non-members: \$65

\*Walk-ins for both series: \$25 per session. Cash or check only.

Photo: Jennifer Schelter



Photo: Miriam Von Essen

## Calling all young thespians, ages 5-10!

Mini-Morris Players interactive children's theatre program returns this summer for an encore performance! Guided by Arboretum founders John and Lydia Morris (played by two costumed theatre educators), children will don costumes and become trees, flowers, streams, and animals, acting out a new story each week. 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 are invited to relax and take a stroll through the garden. This improvisational program builds children's confidence and creativity, while enjoying an enchanted summer evening at the Arboretum!

### *Two, three-week sessions, sign up for one or both:*

*Session 1 – Thursdays:*

*June 13, 20, 27*

*Session 2 – Thursdays:*

*July 11, 18, 25*

*6:30-7:45pm*

Members: \$120 for both sessions, \$70 for one session, Non-members: \$150 for both sessions, \$85 for one.

Pre-registration required. Register at online.morrisarboretum.org/GrowingMinds or call (215) 247-5777, ext. 125

## *Wild Urban Plants of the Northeast*

Join horticulturist Ken LeRoy on a special plant hunting adventure along the Schuylkill River Trail. Ken will focus on plants that spontaneously grow in urban and suburban areas. Tough growing conditions may seem unwelcoming to vegetation, however, there are many plants that thrive in sidewalk cracks and roadside medians, flourish along chain link fences and railroad tracks, and line the banks of streams and rivers. These plants provide ecological services including temperature reduction, oxygen production, carbon storage, food and habitat for wildlife, pollution mitigation, and erosion control on slopes. Learn about them and enjoy a plant adventure!

### *Saturday, June 15th 10am-3pm*

Members: \$55

Non-members: \$60

Pre-registration required. Register at online.morrisarboretum.org/trips or call (215) 247-5777, ext. 125

## **Fall classes**

Stay tuned for our full fall line-up of enriching educational offerings starting in September! Look for your fall course brochure in the mail early August or browse offerings at online.morrisarboretum.org/classes

**Join us again this fall for Connections Beyond Our Garden – Talks on People, Plants and Place.**

This popular mid-week series will return in October with another lineup of engaging speakers and fascinating topics. Drew Becher, president of the Pennsylvania Horticultural Society will present “PHS –

The Year Round Flower Show,” and Keith Thomson, executive officer of the American Philosophical Society and emeritus professor of natural history at the University of Oxford will

discuss his recent book, “Thomas Jefferson – a Passion for Nature.” The lectures will take place on Wednesday afternoons – October 16th, November 13th and December 4th at 3pm, followed by a reception with refreshments. Preregistration and payment is required. For more information or to register visit <http://bit.ly/MAconnections>.



## The Scarecrows are Coming!

Even though summer has just arrived, it's not too early to think about fall fun at the Morris Arboretum. The much-anticipated Scarecrow Design Contest will return in September and more than 30 designer scarecrows will again be on display on the Scarecrow Walk at the Oak Allée this October. Entries will be accepted in two categories – the popular designer ‘crows and a themed category to be determined. Check online at [www.morrisarboretum.org](http://www.morrisarboretum.org) in mid-August for more information.



Photo: Arnold Winkler



Photo: Tiffany Stahl

## Join us for Summer Adventure Camp – Limited Spaces Still Available!

The Morris Arboretum's popular summer camp has grown! This year, camp will run for four one-week sessions and space is still available for certain weeks. This will be a special year at camp with David Rogers' new *Big Bugs* exhibit adding to the fun. Themes will change each week, and campers will enjoy interacting with and exploring the natural world. It promises to be a summer full of exciting and educational activities.

Summer Adventure Camp is for children ages 6 to 8, and will run the weeks of June 24, July 8, 15 and 22 from 9am-3:30pm daily. The cost is \$265 per week for Morris Arboretum members and \$285 for non-members. Discounts are also available for siblings and multiple-week campers. For more information visit [www.morrisarboretum.org](http://www.morrisarboretum.org).





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Photo: Stephanie McNabb



This summer, the Shop at Morris Arboretum is your *BIG BUGS* HEADQUARTERS! Find everything buggy, creepy and crawlly for every member of the family. There are puzzles, games and toys, awesome t-shirts and hats for adults and kids, and even wings to help you fly like a bug!