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Morris Arboretum of the University of Pennsylvania
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Coming this Summer!

Adirondack Chairs, Re-Interpreted

Nothing says summer like the classic Adirondack chair. So, if you can't get to the Adirondacks this summer, or even if you can, you won't want to miss seeing the collection of 30+ artist-created Adirondack chairs on view throughout the garden at Morris Arboretum, and at Woodmere Art Museum. This collaborative project invites artists to paint, decorate, redesign, reassemble and re-interpret the classic Adirondack chair in their own distinctive style. The chairs will be on display from May 31 through Labor Day. Visit www.morrisarboretum.org for more information.



SEASONS

Winter/Spring 2012

Volume 41 Number 1



**Morris Arboretum of the
University of Pennsylvania**

Official arboretum of the Commonwealth of Pennsylvania



Photo courtesy of Paul W. Meyer

A Note from the Director

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

Collecting in Western China Enhances the Arboretum’s Living Collection

As visitors enjoy the beauty of the Arboretum’s plants, it is easy to miss the fact that these plants are accessioned museum objects. Though some date back to the days of John and Lydia Morris, more than two thirds of our collection has been added over the past 30 years.

When the Arboretum accessions a plant, it is not typically from a local nursery. When possible, we collect seeds from a documented wild source, recording data such as latitude, longitude, elevation, and habitat information, and documenting the field plant with a pressed herbarium specimen. In some cases, we try to collect a species from several locations throughout its distribution range to examine variations within that species. We are also working to expand the genetic variation in species that may have been in cultivation for many generations. Today, the Arboretum has more than 12,600 accessioned plants and seed lots, and of these, more than 3,985 are of documented wild origin.

This past autumn I had the opportunity to participate in a plant collection expedition to the Qin Ling Mountains in Shaanxi and Gansu, China with the North American China Plant Exploration Consortium (NACPEC). We have been part of this organization since 1991, and I personally participated in four expeditions in the 1990s, but this year’s trip was my first return to China since 1999 (for more information on the work of NACPEC, see <http://arnoldia.arboretum.harvard.edu/pdf/articles/1952.pdf> Arnoldia). I traveled from the U.S. with Kunso Kim from the Morton Arboretum near Chicago, and we were hosted by Kang Wang of the Beijing Botanic Garden and other Chinese colleagues.

Building on the earlier work of Tony Aiello (the Arboretum’s *Gayle E. Maloney Director of Horticulture and Curator*), ash (*Fraxinus*) species were priority targets for documenting with herbarium specimens and seed collections. This is especially timely, as the devastating emerald ash borer moves across Pennsylvania. It is currently reported in the vicinity of Harrisburg, and is likely even closer. Some Asian species of ash are demonstrating degrees of resistance to this insect, which kills trees when the larvae feed on the vascular tissue just under the bark. Already, plants from earlier NACPEC expeditions are being used by geneticists as they work to breed resistant ash trees.

We were successful in collecting ten accessions of *Fraxinus* representing four species. Of special interest is *Fraxinus baroniana* (Baron’s ash), a little known species not well represented in botanic garden collections. Currently, there are no plants of this species in the National Plant Germplasm System. This small tree or large shrub has beautiful, fine-textured leaves with burgundy autumn tints. We even saw one plant being trained as a handsome potted specimen at a forestry station.

Extensive flooding had occurred late in the summer and some of the fruiting specimens of the Baron’s ash trees had been completely covered with water. Fortunately, the seeds held on against the powerful floodwaters and were undamaged. We collected a generous sampling of seed from many trees, getting a genetically diverse collection, thereby addressing one of our highest trip priorities.

This was just one important example of over 70 accessions resulting from this trip. Our seed packets cleared inspection and already some are germinating in the Arboretum greenhouses, while others are being shared with other botanical institutions. In addition, I came back with many tales of the contrasts of new China and old, arboreal friends, both rare and well known, and examples of exemplary Chinese cuisine, hospitality and friendship. And, of course, I returned with enriched knowledge of many plant species and 3,600 photos. I look forward to sharing a selection of these with you at future lectures.

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 four major activities: horticultural display, public and professional education, outreach, 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.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 – Paul W. Meyer

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Photo: Paul W. Meyer



Partners in Education

LIZA HAWLEY, Visitor Education Coordinator

The Morris Arboretum is proud of nearly 40 years of high quality youth education programs that have responded to the changing needs of school age children over time. Today’s robust programs have their roots in the environmental summer camp and the brand new Guide program of the 1970s. The first curriculum-based tour, *Trees Where We Live*, was developed with teacher collaboration in the 1990s. Its message, “we need trees and we need to help urban trees,” is still powerful and is the basis for most of the informal education at the Arboretum today. We now offer nine curriculum-based tours, including lessons on the importance of our wetlands to migrating birds, calculating profits from a vegetable garden, and the effect of soil compaction on water movement. With the opening of *Out on a Limb* – a Tree Adventure exhibit and its companion tours, we are welcoming more school students than we have had in more than a decade.

Of primary concern now is improving the educational impact of student visits. We believe the best use of our resources for budding scholars and their teachers is facilitating a deeper engagement with our collections, landscape, research and mission. Teachers are rediscovering the value in real world environmental experiences. Knowing that most people learn better when they can relate to facts, we are encouraging teachers to bring their students to the Arboretum many times throughout their school careers and to engage in cross-curricular experiences.

We first welcomed W. B. Saul’s AgroEcology class in 2008. Their visits were the result of one teacher’s enthusiasm and a class small enough to fit into a van. Jessica McAtamney has brought the class every month since, building a solid connection between their studies and our work. This year we’re expanding this model to include several more local schools. Each program is tailored to the school’s needs, but basically encourages the curriculum directors and teachers to choose how the Arboretum can best serve their students.



Photo: Paul W. Meyer

With the assistance of the Maguire Foundation and other funders interested in making a difference in the classroom, we are developing relationships with schools in our Partners in Education program. We are encouraging teachers to think of the Arboretum as a place for field studies instead of field trips; where they can test theories and develop ideas encountered in the classroom. In order to foster the enthusiasm needed by teachers to make time in their busy schedules, we’ll provide professional development that will include a site visit for all interested teachers and a session to brainstorm ways they can adapt our site to their curriculum.

By adding the Arboretum as a real-world extension to each laboratory or classroom experience, teachers will be able to adapt science standards in unique ways, engage in a natural world experience in arts and humanities, and raise the performance of their students. By visiting frequently and throughout their school careers, by integrating curricula involving the relationships between people, plants and place, and by engaging more fully with the resources unique to the Morris Arboretum, students will have access to our knowledge and the resources to develop their own stories with relevance in their lives as students and as citizens. People who relate personally to the environment become better stewards of the environment.

Moonlight & Roses 2012

This year, the Arboretum’s annual fundraising gala, *Moonlight & Roses* will take place on Friday, June 8. Peter Cilio and Denise DeLaurentis Cilio will be serving as our co-chairs this year. Peter and Denise work tirelessly for the mission of the Arboretum. Peter is a member of the Advisory Board of Managers, and both of them serve on a variety of committees here at the Arboretum. Peter and Denise are excited to lead this year’s committee efforts for *Moonlight & Roses*.

The gala will start at 6pm with cocktails and an hors d’oeuvre buffet in the Rose Garden, followed by dinner and dancing under the stars. Reservations are required and space is very limited. Invitations will be mailed to all Chestnut members and above, as well as to previous *Moonlight & Roses* donors. Opportunities are also available to sponsor a table(s). For more information or to request an invitation, please contact Karen McGinley at (215) 247-5777, ext. 418 or mcginley@upenn.edu.

Net proceeds from the event will benefit the restoration of the Widener Visitor Center, including improved handicapped accessibility. *Moonlight & Roses* will honor the rich legacy of the Morris Arboretum by raising funds that will enhance visitor experiences at our beautiful Arboretum for generations to come.

Photo: Paul W. Meyer



The Morris Arboretum is delighted to recognize Susan Mathes Oberwager, Ph.D., as the 2012 *Moonlight & Roses* honoree.



Susan has been deeply involved with the Arboretum for more than a decade, and has been a wonderful inspiration to the community. Her tremendous leadership as Co-Chair of *Always Growing: The Campaign* for the Morris Arboretum has been instrumental in enabling the Arboretum to raise more than \$54 million towards the \$60 million Campaign goal. Susan’s energy and clear focus have been integral to the realization of the Campaign’s two capital projects, specifically the *Out on a Limb* exhibit and the Horticulture Center at Bloomfield Farm. These achievements have transformed the Morris Arboretum into the world-renowned public garden, center for education, and model of sustainability that it is today. We are indebted to Susan for her role in making these dreams into realities!

Susan also serves on the Morris Arboretum’s Advisory Board of Managers, and has been an active volunteer during the annual Plant Sale and on several Arboretum committees, including the Development Committee, Campaign Cabinet Committee, and the Physical Facilities Committee. Her enthusiasm and commitment to the Arboretum’s work and mission is contagious.

The Morris Arboretum is truly honored to have this opportunity to celebrate Susan and her many contributions to the entire Arboretum community during the 2012 *Moonlight & Roses* gala!



Photos: Anthony Aiello

The First Harbingers of Spring – Cornel Dogwoods

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

One of my favorite aspects of early spring is watching as the first trees and shrubs begin to flower. Among these harbingers of spring are two small trees, *Cornus mas* (Cornelian-cherry dogwood) and *Cornus officinalis* (Japanese cornel dogwood). As always, common names can be misleading, and these are neither true cherries (*Prunus*) nor are they the typical flowering dogwoods such as *Cornus florida* and *Cornus kousa*.

Instead, these two closely related species of flowering trees brighten the March and early April garden with their small but profuse yellow flowers. *C. mas* is native from central and southern Europe to the Caucasus Mountains while *C. officinalis* is found in Japan, Korea, and China. Both of these are small spreading trees, similar to a medium-sized crabapple, growing to about 20-25 feet with about an equal spread.

The main seasonal interest of both trees is their small flowers, which individually are insignificant but are held in small clusters, covering the entire tree and often the whole branch, making for an overall significant bright yellow display. Japanese cornel dogwood flowers slightly earlier than its European cousin, and its flowers are often brighter and larger, making it the slightly showier of the two species.

Both of these trees are useful in a variety of situations, growing in a variety of soil conditions and needing at least a half day of sun. Japanese cornel dogwood is slightly larger and more tree-like, and it also has attractive exfoliating bark. Because of these characteristics, I prefer it in the landscape. Both trees are useful as a specimen or patio tree, hedge (especially Cornelian-cherry) or incorporated into a mixed border. They are especially effective if planted against a dark background to show off the flowers.

In late summer or early autumn, these trees develop small bright red berries that resemble elongated cherries. Although quite tart, these fruits are edible and are valued throughout the natural range of both species, where they are used for preserves, juice, and soft drinks. In good years, the leaves on these trees will turn shades of orange and red.

Both plants are readily available, and there are a few varieties to look for. These include *C. mas* ‘Golden Glory’ with an upright habit that makes it ideal for smaller spaces or as a hedge; *C. mas* ‘Spring Glow’ with outstanding bright yellow flowers display and attractive bark; and *C. officinalis* ‘Kintoki’, another excellent flowering form with good exfoliating bark.

Both species are planted throughout the Arboretum. Look for them to the far left of the kiosk when you enter, around the parking lots, near the Oak Allée, or near Seven Arches. They are perfect in combination with other early flowering shrubs (Korean rhododendron – *Rhododendron mucronulatum*), perennials such as hellebores, and bulbs (squill – *Scilla* and glory-of-the-snow – *Chionodoxa*). Try these small trees in your garden and you will be well rewarded with their early spring display.



PLANT SALE 2012

Join us on Mother’s Day weekend for our Annual Plant Sale at the Horticulture Center at Bloomfield Farm. The sale will take place from Thursday, May 10 – Saturday, May 12. Invitations will be mailed to members at the noted levels. Register online or call (215) 247-5777 ext. 170.

Save the Date for Members-Only Plant Sale Events

Morris Arboretum membership offers a variety of special benefits during the Plant Sale. All members receive 10% off their entire purchase and can shop before the public during Members-Only Day on Friday, May 11. Special events during the Plant Sale are offered to premier members. Not a premier member and interested in the events? Call the membership office at (215) 247-5777 ext. 151 or ext. 155 or send an email message to members@morrisarboretum.org to upgrade your membership today.

Plant Sale Luncheon

Thursday, May 10, 12-2:30pm
Oak level members (\$500) and above are invited to lunch with Paul Meyer, *The F. Otto Haas Director*. Following lunch, they will have the first opportunity to make purchases from a wide variety of plants at this year’s sale. Invitations will be mailed and registration is required.

Plant Sale Preview Night

Thursday, May 10, 5:30-7:30pm
Chestnut level members (\$165) and above will enjoy a casual evening of shopping and fun. Morris Arboretum experts will be on hand to help you choose the perfect plants for your garden. Hors d’oeuvres, beer and wine will be served. Invitations will be mailed and registration is required.

Plant Sale Members Only Day

Friday, May 11, 10am-8pm
Bring your membership card, wallet and wagons. Shop early for the best selection. All members save 10% on their entire Plant Sale purchase and choose a free dividend plant. Holly members (\$250) and above receive two dividend plants and Katsura members (\$2,500) receive a special plant from a wild-collected source.

Public Plant Sale

Saturday, May 12, 10am-4pm
The public is invited to shop at the Plant Sale.



Photo: Zac Brooks



Photo: Arnold Winkler

2012 Rhododendron Plant Sale

The Greater Philadelphia Chapter of the American Rhododendron Society will hold its annual Plant Sale at Morris Arboretum this year. Outstanding varieties of large-leaf (elepidotes) and small-leaf (lepidotes) rhododendrons will be offered, as will azaleas, both evergreen and deciduous, and kalmias (mountain laurels). The plants were selected for their colorful floral display and interesting plant forms and foliage. All are hardy in the Delaware Valley. The rhododendron sale will follow the schedule and hours of the Arboretum’s Plant Sale. For information, contact Karel Bernady, (610) 827-0113.

Would you like to take home a free rhododendron? Join the Greater Philadelphia Chapter of the American Rhododendron Society during the Plant Sale and you will receive a choice plant. The society features an outstanding Quarterly Journal, annual and regional conferences, and an exciting Seed Exchange. The Chapter meets at Morris Arboretum with informative speakers, exhibits plants in formal displays at the Philadelphia Flower Show, and maintains a Plants for Members Program to make rarely offered rhododendrons available to members. Visit the Chapter’s website at gpchapterars.org.



Photo: Arnold Winkler

Rejuvenative Pruning of Mature Shrubs

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

If you are like me, you never have enough time to accomplish all of your gardening tasks throughout the year, and eventually those well-behaved shrubs in your garden grow beyond their desired size and start to crowd other plants in the garden. The beauty of growing and pruning deciduous shrubs is that they can be maintained at a desired size through rejuvenative pruning.

The first thing to keep in mind when pruning shrubs is to have the proper (and properly sharpened) tools. These will include a good pair of hand pruners, a pair of loppers, and a hand saw. When it comes to hand pruners, I prefer a good pair of bypass, or scissor pruners, that make smoother and cleaner cuts than anvil type pruners. There are a range of pruning saws available, and again the most important aspect is to have a saw that is specifically designed for pruning and is fitted with a good, sharp blade.

The second most important aspect of pruning is appropriate timing, and this is based on when the plant flowers. Spring flowering shrubs are those that flower before June 15th. These plants set their flower buds on new growth in the previous growing season, and so they should be pruned soon after they flower. Examples of spring flowering shrubs include lilacs, azaleas, and forsythia. Summer

To learn more about pruning, the Arboretum is also offering two classes this spring: *Pruning for the Homeowner* on March 28 at 7pm and *Pruning Shrubs: Broad-leaved and Needle-Leaved* on March 29 at 9am.

flowering shrubs are those that flower after June 15th and set their flowers on new growth formed during the same season. This group includes chastetree (*Vitex*), bluebeard (*Caryopteris*), and crape myrtle and these can be pruned in spring, before flowering.

There are many different methods and techniques of shrub pruning, but most overgrown shrubs can be completely rejuvenated in two to three years. The first step is to remove any dead or crossing shoots; after this, prune out approximately one-third of the oldest shoots at the ground. Remove overhanging branches that shade out the lower portions of the plant and tip-back any leggy young shoots. If you repeat this process for three consecutive years, you will have completely rejuvenated your shrub, with the end result being a more robust, healthier, and floriferous plant.

So start thinking now about which of your shrubs could use some pruning this spring, and don't worry when it comes time to get started. The beauty of shrubs is that they are a lot like dogs – they are very forgiving and they always come back with enthusiasm.

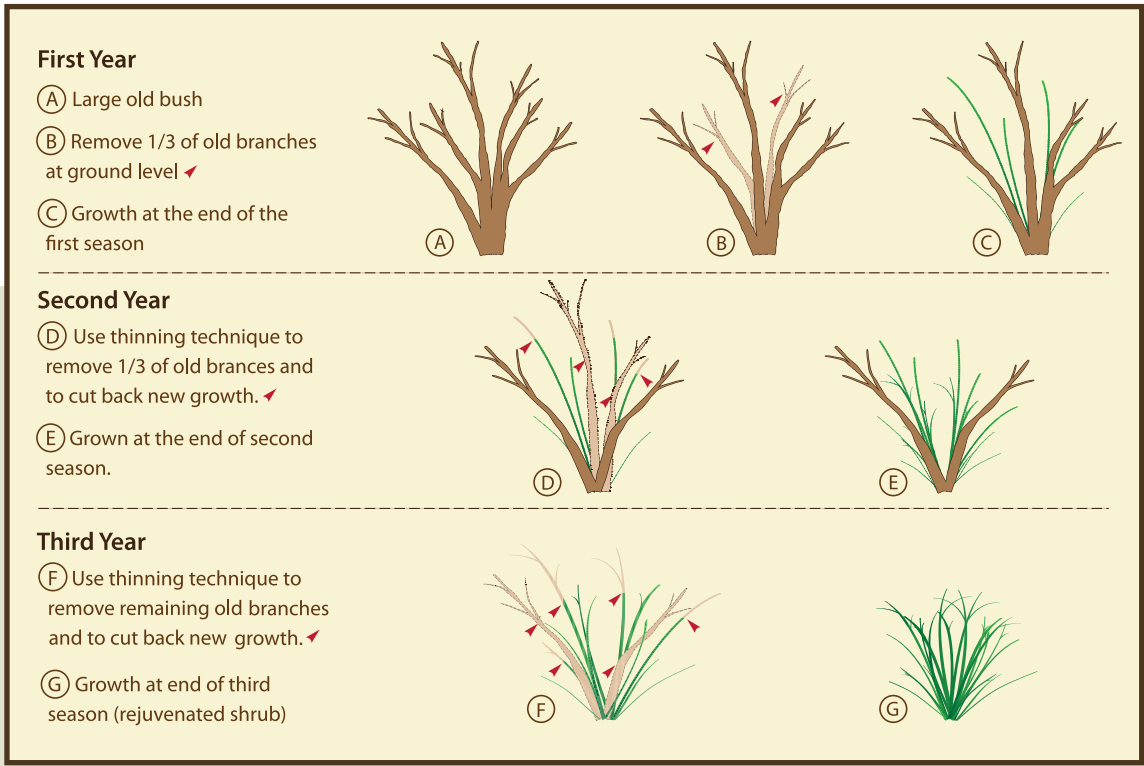


Photo: Ann Reed

The Morris Arboretum would like to thank all who have made our *Always Growing* Campaign such a wonderful success.

By December 31, 2012, our goal is to finalize commitments for the remaining \$5.5 million of our \$60 million goal.

OUR MOST CRITICAL CAMPAIGN PRIORITIES INCLUDE:

- Unrestricted funds in support of the Annual Fund & Membership
- Completion of the Horticulture Center Project
- Arboretum Endowments



We hope we can count on your continued support of the Morris Arboretum. Please contact Melissa Calvert, Director of Development, at (215)247-577 ext. 102 to learn about how you can participate today.

In Memoriam

Remembering Elizabeth F. and Lewis S. Somers III

Elizabeth F. “Betty” and Lewis S. “Lew” Somers III of Lafayette Hill, PA were extraordinary friends of the Morris Arboretum. Lew would say the Arboretum was “her” thing, but he supported Betty in her commitment to the Morris Arboretum that spanned almost 40 years. Betty was tireless in her efforts to see the organization thrive and she was one of it’s best ambassadors.



Betty began her service at the Morris Arboretum as a volunteer guide in the 1970s. The *Moonlight & Roses* committee quickly recognized her talents, and she was recruited to serve on the gala committee, a role she fulfilled for almost 20 years. In

June 2005, she was honored for her incredible volunteerism and generous support as the Honorary Chair of *Moonlight & Roses*. Her leadership extended to the Advisory Board of Managers and as Chair of the Annual Fund Committee from 2001–2011. During Betty’s tenure as the Annual Fund Chair, the fund grew by 53 percent.

Both Betty and Lew held long term philanthropic leadership positions in Philadelphia. They gave countless hours to Lew’s alma mater, the William Penn Charter School, and to the International House. For more than three decades, Lew served on the Board of Overseers of Penn Charter and Betty was an active committee member. Betty was also past president and a current member of the Random Garden Club, and served on committees for The Philadelphia Museum of Art Craft Show and the Philadelphia Antique Show.

When Betty and Lew made a second commitment to the *Always Growing* Campaign in April 2008, Paul Meyer said, “Both bring an unparalleled level of dedication to the organizations where they are volunteers. The Morris Arboretum has benefited greatly from their ongoing philanthropy and their steadfast service.” With their passing in August, they leave behind an extraordinary legacy at all of the organizations where they were so generous with their time and philanthropy.

A thoughtful and dedicated friend, William L. McLean III

“Bill McLean was a good businessman and a thoughtful philanthropist. He wanted to assist the cultural organizations in Philadelphia. For more than 30 years, Bill’s interest in the Morris Arboretum and his wise counsel have helped to shape this institution,” observed Director Paul Meyer.

Bill was a newspaperman and a publisher. With that background, he was straightforward in his approach to supporting non-profit organizations. He wanted the facts, wanted to know what was working and what was the vision. Bill was also a dedicated outdoorsman, birder and conservationist. He traveled the world, fishing and bird-watching wherever he went. Those interests led to the long-standing support of Arboretum initiatives: the creation of the wetlands, the publication of important botanical reference books, most recently *The Aquatic Plants of Pennsylvania*, the underwriting of plant exploration trips, and an interest in the resulting research.

Bill valued good and educated staff, and understood the need to provide for both education and fair compensation. The McLean Contributionship created the Education Internship, and years later initiated a challenge grant for the Morris Arboretum Staff Compensation Endowment. With recent McLean Contributionship support of a three-year post-doctoral position in the Botany Department, Bill and his family joined with other Arboretum friends to strengthen this important scientific aspect of the Morris Arboretum mission.

Bill’s interest in the Arboretum encouraged and inspired seasoned staff and new interns alike. He wanted to know what we were doing and what were our biggest challenges. He and his wife Elizabeth frequently attended lectures at the Arboretum and he used those opportunities to learn about current projects. With Elizabeth and their family at the McLean Contributionship, Bill McLean was a true friend and partner in the evolution of the Morris Arboretum. We will miss Bill very much, but we will always feel his influence as we continue to do the work we are called to do.

Photos: Paul W. Meyer



winter events

JANUARY

Winter Wellness Walks

Saturdays through March at 10:30am

Join us Saturday mornings for a brisk, refreshing walk through the Arboretum. Walkers meet at the Widener Visitor Center and Arboretum guides lead them on a two-mile energizing walk through the Arboretum’s paved paths. The walks last approximately 45 minutes and are appropriate for people of all fitness levels. Walkers are asked to wear comfortable shoes and clothing. Walks are free with regular Arboretum admission. In case of inclement weather, please call (215) 247-5777.

29 “Forces of Plant Evolution: Insights from *Amelanchier*” – The Lukens Endowed Lecture Sunday, January 29, 2pm
For more information see p. 19.

FEBRUARY

12 Tu B'Shevat Family Program Sunday, February 12, 1-3pm
Learn about important food crop trees of Israel through a multi-sensory experience. See how the trees are grown, what the growing conditions are like, and how products from the trees are used. Smell, touch and taste the delicious foods these trees provide. Free with admission.

17 Storytime at the Morris Arboretum Friday, February 17, 10:30-11:00am
Join us as we partner with the William Jeanes Library on this new event. Geared to preschoolers, enjoy a morning of fabulous stories as told by a William Jeanes librarian. After

Storytime, enjoy a walk in the garden with your little one. Free for members or with admission.

19 “Witchhazel” is your Favorite? Sunday, February 19, 1-3pm
Did you know that the Arboretum has fabulous color and fragrance even in the middle of winter? Grab your family and head over to the Arboretum for a day of fun and exploration. Follow the scavenger hunt to discover the many varieties of witchhazels growing at the Arboretum. Ranging in color from yellow and orange to pink and red, witchhazels are some of the first harbingers of spring. Compare their beautiful flowers and take in their heady scent. After your hunt, stop back at the Visitor Center and make a fun craft. This event is free with regular admission and registration is not required.

26 “Beautiful Landscapes: The Key To Healthy Communities” – The Klein Endowed Lecture Sunday, February 26, 2pm
For more information see p. 19.

MARCH

6 Storytime at the Morris Arboretum Tuesday, March 6, 10:30-11:00am
Join us as we partner with the William Jeanes Library on this new event. Geared to preschoolers, enjoy a morning of fabulous stories as told by a William Jeanes librarian. After Storytime, enjoy a walk in the garden with your little one. Free for members or with admission.



Hamamelis vernalis – vernal witchhazel

Photo: Bob Gutowski

17 Visitor Education Volunteer Training March 17, 24, 31, 1:30-3:30pm and March 20, 22, 27, 29, 7-9pm
For more information see p. 17.

18 “Darwin’s “Abominable Mystery” and the Search for the First Flowering Plants” – The Barnes Endowed Lecture Sunday, March 18, 2pm
For more information see p. 20.

24 Spring has Sprung! Saturday, March 24, 1pm
A mosaic, created from drawings submitted by visitors depicting signs of spring in the Arboretum gardens, will be unveiled in the Widener Visitors Center Lower Gallery. Light refreshments will be served to celebrate this exhibit opening. This event is free with admission.

Pull out this calendar section to reference future events.

February

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	 Winter Wellness Walks 10:30am	4
5	6	7	 Winter Wellness Walks 10:30am	9	10	11
12 Tu B'Shevat Family Program 1-3pm	13	14	15	16	17 Storytime at the Morris Arboretum 10:30-11:00am	18 Winter Wellness Walks 10:30am
19 "Witchhazel" is your Favorite? 1-3pm	20		22	23	24	25 Winter Wellness Walks 10:30am
26 "Beautiful Landscapes: The Key To Healthy Communities" – The Klein Endowed Lecture 2pm	27	28	29			

April

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 Native Trees at Morris Arboretum 1pm		3 Storytime at the Morris Arboretum 10:30-11:00am	4	5	 Garden Discovery Series: "Poetries" 11am-3pm	7
8 Native Trees at Morris Arboretum 1pm	9	10		12	13	14 Japanese Cherry Blossom Festival
15 Native Trees at Morris Arboretum 1pm	16 Visit from the Japanese Cherry Blossom Queen 10am	17	18	19	20	21 Japanese Cherry Blossom Festival
22 Native Trees at Morris Arboretum 1pm	23		25	26	27	28 Arbor Day Celebration 11am-3pm
29 Native Trees at Morris Arboretum 1pm	30					

March

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	 Winter Wellness Walks 10:30am	3
4	5	6 Storytime at the Morris Arboretum 10:30-11:00am		8	9	10 Winter Wellness Walks 10:30am
11		13	14	15	16 	17 Winter Wellness Walks 10:30am Visitor Education Volunteer Training 1:30-3:30pm
18 "Darwin's "Abominable Mystery" and the Search for the First Flowering Plants" – The Barnes Endowed Lecture 2pm	19	20 Visitor Education Volunteer Training 7-9pm	21	22 Visitor Education Volunteer Training 7-9pm	23	24 Winter Wellness Walks 10:30am Spring has Sprung! 1pm Visitor Education Volunteer Training 1:30-3:30pm
25	26	27 Visitor Education Volunteer Training 7-9pm	28	29 Visitor Education Volunteer Training 7-9pm		31 Winter Wellness Walks 10:30am Visitor Education Volunteer Training 1:30-3:30pm

May

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 Storytime at the Morris Arboretum 10:30-11:00am	2	3	4	5 Garden Discovery Series: "Be a Bird Architect" 11am-3pm
6	7	8		10 Plant Sale Members' Events	11 Plant Sale Members' Events	12 Plant Sale Public Sale Day 10am-4pm
13		15	16	17		19
20	21	22	23	24	25	26 Adirondack Chairs, Re-Interpreted 10am Garden Railway Display Grand Opening 10am-4pm
	28	29	30			

APRIL

Native Trees at Morris Arboretum
Sundays in April (1, 8, 15, 22, 29)
at 1pm

Meet in front of the Widener Visitor Center and take a guided tour of some of the Great Trees at the Morris Arboretum. Knowledgeable guides will point out each trees landscape merits, as well as its vital role in our environment. Free for members or with admission.

3 Storytime at the Morris Arboretum
Tuesday, April 3, 10:30-11:00am

Join us as we partner with the William Jeanes Library on this new event. Geared to preschoolers, enjoy a morning of fabulous stories as told by a William Jeanes librarian. After Storytime, enjoy a walk in the garden with your little one. Free for members or with admission.

7 Garden Discovery Series: "Poetries"
Saturday, April 7, 11am-3pm

Calling all blossoming poets and nature nuts! Let the beauty of spring at the Arboretum inspire visitors of all ages to create poetic masterpieces in celebration of National Poetry Month. Join us at the Discovery Table and show us how creative you can be!



Photo: Arnold Winkler

14 Japanese Cherry Blossom Festival
Two Saturdays, April 14 and 21
Celebrate this unique aspect of the Arboretum's Japanese culture and heritage. See p. 18 for more information.

16 Visit from the Japanese Cherry Blossom Queen
Monday, April 16, 10am
See p. 18 for more information.

28 Arbor Day Celebration
Saturday, April 28, 11am-3pm
Be a designer, an architect or a botanist for a day. Five stations set up throughout the Arboretum will give visitors the opportunity to expand their knowledge of trees while participating in challenging and fun activities. Stations will include designing a tree house, learning to identify trees, writing the history of a tree's life, planning an urban treescape, and observing arborists at work. This program, open to all visitors, also gives 6th, 7th and 8th grade Girl Scouts the opportunity to earn their "Trees" badge. Free with admission.

MAY

1 Storytime at the Morris Arboretum
Tuesday, May 1, 10:30-11:00am
Join us as we partner with the William Jeanes Library on this new event. Geared to preschoolers, enjoy a morning of fabulous stories as told by a William Jeanes librarian. After Storytime, enjoy a walk in the garden with your little one. Free for members or free with admission.



Photo: Paul W. Meyer

5 Garden Discovery Series: "Be a Bird Architect"
Saturday, May 5, 11am-3pm
Ever wonder how birds build their nests? Fly over to the Discovery Table and become a bird for the day. Using only a feathery hand puppet, try building your own nest in the garden using some of the same materials that birds use!

10 Plant Sale Members' Events
Thursday & Friday, May 10 & 11
See p. 6 for more information.

12 Plant Sale Public Sale Day
Saturday, May 12, 10am-4pm
See p. 6 for more information

26 Garden Railway Display Grand Opening
Saturday, May 26, 10am-4pm
The Garden Railway returns for the 2012 season. See p. 17 for more details.

Adirondack Chairs, Re-Interpreted
Saturday, May 31, 10am
On display through Labor Day. See back page for more information.

ADMISSION	
Adults (18-64 yrs.)	\$16
Senior (65+ yrs.)	\$14
Children (3-17 yrs.)	\$7
Members	FREE

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

In the event of inclement weather, please call (215) 247-5777

The Lydia Morris Legacy Society



Evamarie Malsch has known the Morris Arboretum since the days she could enter at the Hillcrest Pavilion and wander at will through the overgrown, but still beautiful grounds, admiring the trees and flowering shrubs. Walking has always been an important



part of Evamarie's life, as I was reminded when I visited with her in mid-November. She had just returned from a trip to Europe that included walking through the mountains of northern Italy, and hills of the Salzkammergut in Austria, as well as singing with the Berkshire Choral Festival in Salzburg.

Evamarie was born and raised in Cologne, Germany, where she also studied medicine. She continued her studies at the University of Freiburg and then came to the United States for an internship. After a year of traveling and then another year working in Germany, Evamarie returned to the U.S. for an anesthesiology residency program at the University of Pennsylvania. She then decided to work in the States and return to Germany for vacations, a tradition she has continued for 40 years.

Living in East Falls made the Morris Arboretum a good and convenient choice for walks, but it wasn't until she retired that Evamarie had the time to volunteer at the Arboretum. Trained as an Arboretum guide, she enjoys taking adults through the garden, an experience that can last an hour or several hours depending on what the visitors would like to see. With every tour, Evamarie always points out all the other things there are to see and do so that visitors will want to return.

Evamarie has watched the Arboretum's physical features being restored as programs expanded and new features were built. She has a special appreciation for the water features that Lydia and John Morris installed. A long and happy association with the Morris Arboretum and a desire to see it continue to flourish prompted Evamarie to create two charitable gift annuities that will provide her with guaranteed income for life and also make a lasting contribution to the Morris Arboretum. The proceeds from these gift annuities will support these water features and their ongoing maintenance.

Creating a charitable gift annuity is an easy and sensible way to accomplish the dual purpose of income and philanthropy. If you are interested in knowing more about how a charitable gift annuity might serve your needs, please contact Victoria Sicks, Associate Director for Individual and Planned Giving at (215)247-5777, ext. 152 or vsicks@upenn.edu.

Photos: Victoria Sicks

Hand-decorated Haviland Limoges china dishes once belonging to Lydia Morris are now on display in the Upper Gallery of the Widener Visitor Center. These heirloom pieces have come back to the Arboretum through two generous donations. In 2010, Mary Turner, a grand-niece of Lydia's cook, donated a luncheon set to the Morris Arboretum that had been left to her great-aunt in the Morris' will. In October of 2011, John McCloskey, Jr. donated additional dishes that his mother had inherited in a similar fashion from Lydia Morris. John McCloskey and his brother Paul, both long-time friends of the Morris Arboretum, are the sons of Dr. and Mrs. John McCloskey who were well acquainted with the Morris.

Dr. McCloskey was Lydia's physician and a prominent member of the Philadelphia medical community. Among other things, he helped to found Chestnut Hill Hospital and served on the Advisory Board of Managers of the Morris Arboretum from 1933 until 1950. Mrs. McCloskey was a founder of the Associates of the Morris Arboretum, and served on its first Advisory Council in 1956 and for many years afterward.



Morris Arboretum of the University of Pennsylvania: Through the Lens of Paul W. Meyer

ANN REED, Chair, Morris Arboretum Advisory Board of Managers.

I have known Paul Meyer for more than 25 years. During this time, I have watched as he helped transform the Morris Arboretum from a quiet, local treasure to the world class botanic garden it is today. All the while, he has chronicled this transformation with tens of thousands of photographs. Rarely will you find Paul roaming the Arboretum grounds without a camera around his neck. While admiring his photos recently, I realized that too few people had access to Paul's striking images and that they needed to be shared, so I suggested we create a book. The result is a wonderful publication that speaks to Paul's love of nature and his deep connection to the Morris Arboretum. *Morris Arboretum of the University of Pennsylvania: Through the Lens of Paul W. Meyer*, is now available for sale at The Shop at the Morris Arboretum. I encourage you to pick up a copy for yourself and for anyone else who also appreciates the beauty of the Arboretum. I am certain you will enjoy Paul's unique eye as much as I do.

An exhibit of the same name, Morris Arboretum of the University of Pennsylvania: Through the Lens of Paul W. Meyer, highlighting images from the book, will open in the Upper Gallery of the Widener Visitor Center on Saturday, February 11.



Gardens, Wine and Wilderness: A Tour of New Zealand January 5-27, 2013

The trip of a lifetime. Under balmy skies you will visit

some of nature's most spectacular scenery, interspersed with wonderful examples of human creativity. Gardens, architecture, artistic creations, fine cuisine and wine – learn the history and culture of a land from those who love and care for it.

Imagine a tour designed with the same care and passion as a great piece of music or a celebrated garden. The concepts of sequence, contrast, surprise, rhythm, repetitions, theme and variations apply equally to music, gardens and to travel.

For 17 years, Garden Adventures, Ltd. has been designing and leading tours to New Zealand. In January 2013, we are proud to join forces for the sixth time to offer this opportunity to experience the mystery, beauty and hospitality of New Zealand. With Richard Lyon, R.L.A., and Arboretum senior staff members, you are invited to escape winter while you explore, learn and relax in the gardens and natural wonders of this extraordinary destination. This trip is offered exclusively to Morris Arboretum members and Penn alumni.

For further information, please see our website: www.morrisarboretum.org. or call or e-mail Victoria Sicks of the Morris Arboretum at (215) 247-5777, ext. 152, or vsicks@upenn.edu. You may also call or e-mail Richard Lyon at (610) 444-1964 or rlyon@wlni.net.

Native Planting for Winter Interest

KIM FRISBIE, Freelance Writer

We all know the importance of planting native trees: they enhance the landscape and provide habitat and food for indigenous insects, birds and mammals. So it's wonderful that we have a number of native trees and shrubs that are outstanding specimens in the winter landscape. Here are some of my favorites for winter interest – indoors and out!

The evergreen Southern magnolia (*Magnolia grandiflora* 'Edith Bogue'), is one of my winter staples. It's an easy and very fast growing tree that adds year round interest to any garden. In summer, the tree is loaded with enormous, fabulously fragrant, stunning white blossoms. In winter, the large, glossy, evergreen leaves make instant floral arrangements in baskets or copper buckets outside the front or back door. This magnolia species is native over a large portion of the southern U.S., ranging from North Carolina to Florida, and as far west as Texas. Edith Bogue does best in full sun, preferring protection from winter wind, but it is still one of the hardiest of all the Southern magnolias. At maturity, it will attain a lovely 30' pyramidal shape with a 15' spread. It is a fabulous plant not to be missed!

Next on my list of must-haves is the glorious *Ilex verticillata* 'Winter Red,' the lovely winterberry holly. This queen of fruiting shrubs produces abundant bright, cherry-red fruits from early fall through winter, making it great for indoor holiday decorating, but also a favorite of more than 40 species of birds. The shrub's dense branching provides birds with important shelter and nesting areas. The thick, dark green foliage of winterberries contrasts nicely with the fruit, and is not bothered by insects. By early November, the leaves have fallen to expose the stunning red berries. Male plants are needed to pollinate females and produce fruit, but only one male is needed for any number of females, and they don't need to be that close in proximity. Grown in moist to wet, slightly acidic soil, with full sun to partial shade, these

Photos: Paul W. Meyer



plants will reach a height of 6 to 9 feet with equal width. There are many exciting new cultivars, including the smaller 'Red Sprite,' which only reaches a height of 2-3 feet, but has hundreds of berries. Put this on your "to plant" list if you don't already have several.

The redosier (also known as red-twig) dogwood (*Cornus sericea*) is another wonderful native that brightens up the winter landscape with its stunning, deep red stems. This fast growing, multi-stemmed shrub reaches a mature height of 4-8 feet with an equal spread. The stems are dark red when young, gradually fading to gray green over the summer, but they turn deep red again with the onset of cold temperatures in the fall and winter. While the redosier prefers full sun, it will tolerate shade and likes slightly acidic soil in a wide range of conditions from flooding to drought. Creamy white flowers appear in late May, maturing to clusters of dull white fruits in August and September, which remain on the plant through the winter, providing food for songbirds, grouse, quail, ducks, and partridge. This shrub is a preferred nesting site for American goldfinch, which alone should make it a star! Once established, it is also drought resistant and less palatable to deer than many other ornamentals. To maintain the plant's brilliant red color, it's important to thin out the old stems in the spring, and cut out a portion of the remaining stems to three or four inches. This will ensure a crop of vividly colored young stems to enjoy over the winter.

Finally, your winter garden just isn't complete without a HERITAGE river birch, (*Betula nigra* 'Cully'). This vigorous, fast-growing tree is spectacular for its beautiful layers of cinnamon/salmon bark that peels back in large sheets to reveal a creamy white inner trunk. HERITAGE is recommended as it holds its foliage about three weeks longer in the fall. This tree is an important wildlife plant, providing seed, cover and nesting sites for birds. With good yellow fall color and excellent disease and pest resistance, this tree grows well in wet or dry soils, in sun or part shade, reaching a mature height of 35 to 40 feet. This is a real winner, with bark you'll never tire of admiring, especially during the long dreary months of winter. So get out there and enjoy the brisk weather – and all the native beauty in your garden!



Ilex verticillata 'Winter Red'

Garden Railway – 2012

Storytime Rail

Come to Morris Arboretum’s Garden Railway where there will be storytime magic around every bend! Explore the whimsical, botanical, miniature buildings from the golden age of storybooks. Inside a curve of one of the fifteen rail lines will be the sea-shell encrusted castle of Hans Christian Andersen’s “The Little Mermaid.”



Around the bend from another era, the humble houses of The Three Little Pigs can be found, a tale first told by Joseph Jacobs in 1890. And nestled in the woods, you just might find Charles Perrault’s “Sleeping Beauty’s Castle,” covered with forbidding brambles and thorns.

You also can visit lesser known stories, such as the shoe shop from The Brothers Grimm, “The Elves and the Shoemaker,” and the beautiful oriental palace where Hans Christian Andersen set his tale “The Nightingale’s Song.” And is that really a house on chicken feet? Maybe this is the first time you’ve heard of “Baba Yaga,” a classic Russian folk tale. She



Photo: Marie Mercaldo Ingegneri

is a witch whose house is known for having those chicken feet.

Did you know this year is the 200th birthday of Charles Dickens? On the other side of the tracks, there will be a Dickens village to see. The Morris Arboretum will delight you with houses, palaces and castles from these and other beloved tales and unforgettable classic storybooks. Come and enjoy the enchantment this summer beginning with a Grand Opening Celebration on Saturday, May 26. The Garden Railway will be open through Labor Day.



Become a Visitor Education Volunteer – Help New Members Get the Most From their Visit!

There’s so much to see and learn at the Arboretum. Join like-minded members who want to get more out of their visit and give more back; become a Visitor Education Volunteer. This year’s training will run two weeks on Saturday, Tuesday and Thursday starting March 17. The Saturday afternoon sessions will include tours and training in orientation and way-finding. The Tuesday and Thursday evening sessions will highlight Arboretum history, the basics of botany, and where to find answers to visitor questions.

With more young family members than ever, the Arboretum needs to keep our future ecologists and environmentalists engaged. Visitor Education Volunteer training will cultivate your inner teacher and prepare you to lead a wide variety of Arboretum programs. You’ll be given the tools to help guests plan their visit and plot their course.

Saturday classes are from 1-3:30pm, Tuesday and Thursday classes are from 7-9pm. All classes are required. If you are interested in helping create future conservationists and happy Arboretum visitors, please contact Liza Hawley, Visitor Education Coordinator, at efhawley@upenn.edu or call (215)247-5777, ext. 128.

INTERN HOUSING

This June, a new group of nine interns will begin a year of work at the Morris Arboretum. Many of them come from out of town and will be in need of housing that is close to the Arboretum with reasonable rent. If you are interested in providing housing beginning in late June, please contact Jan McFarlan, Education Coordinator at (215) 247-5777, ext. 156 or jlmc@upenn.edu.

JAPANESE cherry blossom festival

Two Saturdays, April 14 and 21

Celebrate this unique aspect of the Arboretum’s rich Japanese culture and heritage, featuring a variety of wonderful activities for adults and children alike.

Events are free to members or free with garden admission. Check the Arboretum’s website, www.morrisarboretum.org, for information on specific events including tours, classes, etc.

Japanese Garden Elements Tour

Saturday, April 14 & 21, 2pm

This tour highlights Japanese influences on many areas at the Arboretum, featuring the Hill and Water Garden, the Rock Garden in the Fernery and the Japanese Overlook Garden.

Kyo Daiko Drumming Performance

Saturday, April 14, 11am-12pm

Taiko drumming has been practiced in Japan for hundreds of years at festivals, battles, and as a means of communication over long distances. Kyo Daiko, Philadelphia’s only Japanese-style drumming crew, is a community-based group, formed by collaboration between the Settlement Music School and the Shofuso Japanese House and Garden in Fairmount Park.

Traditional Japanese Tea Ceremony

Saturday, April 14, 1-2pm

Picnic tea or Chabako is a beautiful and unique form of the Japanese tea ceremony. Featuring traditional costumes and designed to take place outdoors, there are four distinct presentations, one for each of the seasons. Weather permitting this demonstration will be outside.



Visit by the Japanese Cherry Blossom Queen

Monday, April 16, 10am

Join us as we welcome the newly-crowned 2012 Cherry Blossom Queen to the Morris Arboretum!

Ken Jutsu: Samurai Arts Demonstration

Saturday, April 21, 11am-12pm

Back by popular demand, the River of Life Martial Arts & Wellness Center will once again perform the ancient Japanese swordsmanship technique, Ken Jutsu. Used by the samurai on the battlefield, Ken Jutsu is made up of a sophisticated method of personal combat and strategy that is adapted and applied today to find harmony in one’s life. From these ancient lessons, the practitioner finds the ability to remain calm under pressure, to face one’s fears with strength, to have clarity in the midst of confusion and to surmount obstacles with grace.

The Art of Kimono – A Presentation

Saturday, April 21, 1-2pm

Young and old alike will delight in the beautiful kimonos exhibited by Fumiyo Batta. As a “Cultural Ambassador” for the Subaru Cherry Blossom Festival, and an extensive collector of kimonos, Mrs. Batta will talk about the history of the kimono and demonstrate how to wear them. Participation from the audience will be welcomed.

MEMBERSHIP NEWS

Membership Survey Participants – Thank You!

Last spring, a Membership Survey was conducted and more than 1,100 responses were received – thank you to all who participated. Your input is already helping the Morris Arboretum make updates to our programming, such as adding a regular Storytime for young children, and offering extended hours for the Holiday Garden Railway. Barbara Borsch was the lucky winner of the drawing for the \$100 Shop gift card.

Annual Report Corrections

We regret that the following errors/omissions were made in the July 2010-June 2011 Annual Report:

Advisory Board of Managers – Frances M. Glomb

Donors to the Annual Fund – Swan Pond Patrons (\$2,500-4,999) Susan and Burn Oberwager

Expand Your Horizons

Learn Something New with a Spring Class

Welcoming the Colors and Scents of Early Spring
Two Saturdays: March 10, 24, 10am-12noon
Overcome the winter doldrums by adding color and form to your early spring garden.

Baa Baa Baby Lambs! at Erdenheim Farm
Saturday, March 17, 1-2pm
Come to the farm in early spring to see the newborn lambs and their mothers!

How Does Nature Inspire You? An Art Series for Kids
Four Sundays: April 1, 15, 22, 29, 1-2:45pm
We will look to nature, grand and small, for inspiration as we paint, print and create sculptures. Appropriate for children ages 8-12. All materials will be provided.

Art Imitates Life – Stunning Nature Photography
Wednesday, May 16, 7-9pm and Sunday, May 20, 1-3pm
Learn the most useful tricks of the trade to unveil the wonders and beauty of nature that are often difficult to capture in a photograph.

Register online for classes at www.morrisarboretum.org/classes or call (215) 247-5777, ext. 125.



Photo: Michael Burgess

Morris Arboretum Winter Lecture Series

The lectures listed below are free, but space is limited. Please call (215) 247-5777, ext. 125 for reservations.

“Forces of Plant Evolution: Insights from Amelanchier” – The Lukens Endowed Lecture
Sunday, January 29, 2pm
Prized by horticulturists for its brilliant spring blossoms and by wildlife for its delectable fruit, *Amelanchier*, a genus of native shrubs and small trees of the rose family, exemplifies the evolutionary roles genome duplication and hybridization play in driving species diversification. Dr. Michael B. Burgess, Research Botanist at the Morris Arboretum, will summarize our current understanding of plant evolution, and will explore research investigating speciation in *Amelanchier*.

This lecture is part of an endowed lecture series that is presented annually in memory of W. Byron Lukens.

“Beautiful Landscapes: The Key to Healthy Communities” – The Klein Endowed Lecture
Sunday, February 26, 2pm
For the past five years, Katy Moss Warner, President Emeritus of the American Horticultural Society (AHS), has been judging towns and cities for *America in Bloom*. She has witnessed firsthand what happens when a community focuses attention on their landscapes. Whether protecting the tree canopy, restoring native habitats, installing a new school garden, planting dramatic perennial beds or adding colorful hanging baskets to downtown, the community pulls together and “plants pride.” The spirit of optimism and volunteerism is reflected not only in the beauty of the community, but in its vitality. Communities with beautiful landscapes are places where people want to live, work and play.

This lecture is part of an endowed lecture series that is presented annually in memory of former Arboretum Director William M. Klein, Jr.



Photo courtesy of Ned Friedman

“Darwin’s “Abominable Mystery” and the Search for the First Flowering Plants” – The Barnes Endowed Lecture
Sunday, March 18, 2pm
Charles Darwin’s “abominable mystery” has come to symbolize just about all questions we have about the origin and early evolution of flowering plants. What did Darwin think was so abominably mysterious? Join Ned Friedman, Director of the Arnold Arboretum of Harvard University & Arnold Professor of Organismic and Evolutionary Biology as he explores this mystery. Through Darwin’s correspondence with some of the most eminent

botanists of his time, we’ll discover what led him to worry about the evolutionary history of flowering plants right up to the last year of his life. Fossils, insect pollination, and rates of evolutionary change were all part of the complexity of trying to understand where flowering plants came from, and how they eventually came to dominate most of Earth’s plant communities. Finally, recent botanical discoveries will be examined to determine whether the abominable mystery has been solved.

This lecture is part of an endowed lecture series that is presented annually with support from the Laura L. Barnes Horticultural Lecture Fund.



Photo: Brian Dooner

Morris Arboretum’s Summer Adventure Camp – Registration begins February 20, 2012

If you have an appetite for adventure, the Morris Arboretum’s summer camp, Monday, June 25 through Friday, June 29, is the place for you! Campers will discover science in the field, plant a garden at Bloomfield Farm, and create works of art inspired by nature. Counselors Brian and Sarah will be back with more fun activities to keep kids moving and engaged throughout the day.

For this year’s *Healthy Living in a Healthy Environment* theme, campers will track the week’s weather, dig in the dirt, harvest vegetables, and eat a snack grown in their garden. Campers will also make a plant-related craft every day to take home. Summer Adventure Camp is from 9:00am-3:30pm and for children ages 6 to 8. The cost is \$265 for Morris Arboretum members and \$285 for non-members.

Look for more information online at www.morrisarboretum.org



Connections Beyond our Garden – From Wilderness Frontiers to City Streets

MAUREEN FLANAGAN, Freelance Writer

The Arboretum’s popular Wednesday afternoon lecture series, “*Connections Beyond Our Garden: Talks on People, Plants, and Place*,” took us on trips from the polar icecaps of the Arctic, to the western frontier of 19th century America, to the streets of Philadelphia. Kicking off the series on Oct. 12, Peter Dunne, the Director of the Cape May Bird Observatory and Vice President of the New Jersey Audubon Society, gave an engaging anecdotal account of his travels to the stark, remote and pristine wilderness of Northern Canada and Alaska. Reading passages from his latest book, *Arctic Autumn: A Journey to Season’s Edge*, Dunne captured what it was like to engage with polar bears, spot the elusive white wolf, and witness up-close the melting of the polar icecap as he paddled through a changing Arctic environment. Linda Dunne’s striking photographs concluded the talk, giving testament to the magnificence of this last remaining North American wilderness.

Another expedition – this one by John James Audubon in 1843 to the western frontier of the United States – was the topic of the second lecture on Nov. 9. Robert M. Peck, Senior Fellow at the Academy of Natural Sciences, told an engrossing story of what motivated the artist in his later years to set out on his last major adventure to study and record animals for his book on the mammals of North America. Peck put Audubon in the context of his era, and described how he acquired his quadruped specimens and then brought them to life in the pages of his portfolios, employing the artistic elegance, personality and charm for which his bird studies were renowned. A wide selection of Audubon prints from the Philadelphia Print Shop in Chestnut Hill was available for viewing after the talk.



Photos: Zac Brooks

The third lecture on Dec. 7 showcased the murals that have helped transform Philadelphia neighborhoods and change the social dynamics of city life. Jane Golden, the founder and leader of the Philadelphia Mural Arts Program, presented a behind-the-scenes “tour” through Philadelphia’s streets, showing how the community-based mural arts

program has succeeded in replacing city squalor with stunning images and beautified urban spaces while creating a visual record, or autobiography, of the city and its residents. Golden traced the evolution of the program from its anti-graffiti roots in the mid-1980s to the now internationally acclaimed grassroots model for public artwork that has produced more than 3,000 murals and involved artists of all ages and backgrounds in addition to government agencies, civic organizations, schools, prisons and other groups. Golden talked about the techniques used to create the murals and concluded by previewing some exciting new future directions.

The *Connections* lecture series will continue next fall with more exciting lectures that will transport you to exotic locales to keep you informed, engaged and “connected.” Be sure to check future issues of *Seasons* and the Arboretum website, www.morrisarboretum.org for more information. You won’t want to miss these popular lectures!

Morris Arboretum Horticulture Center Receives Montco Award

On November 16, the Montgomery County Planning Commission presented its Montgomery Awards, acknowledging outstanding land development and revitalization achievements within the county. The awards are dedicated to raising awareness about planning and design within the community; they honor developers, consultants, organizations, and municipalities for their commitment and contributions to the enhancement of Montgomery County.

The prestigious program has two major award categories, one of which is the Land Development Award, focusing on excellence in land development and planning concepts. The Horticulture Center of the Morris Arboretum of the University of Pennsylvania, Phase 1 was one of two winning recipients in recognition of its innovative site planning, energy-efficient building design and sustainable design



Photo: Paul W. Meyer

features. The Horticulture Center contains the maintenance and administrative functions for the Arboretum’s horticulture, education, maintenance, and facilities staffs, providing important infrastructure for staff and equipment. The project achieved Platinum Level Leadership in Energy and Environmental Design (LEED) Certification in 2011, the highest rating of the U.S. Green Building Council. This exceptional project exemplifies the Arboretum’s continued commitment to sustainability, provides a wonderful opportunity to learn about sustainable practices, and is an outstanding addition to the Morris Arboretum and to the community.



Photo: Zac Brooks

spring forward with lots of new and interesting items at The Shop at Morris Arboretum. It’s a great way to satisfy your shopping urge while supporting the Arboretum at the same time. Stop in today!