







Digitized by the Internet Archive  
in 2016

<https://archive.org/details/greenscene3716edpr>







JANUARY-FEBRUARY 2009 • \$5.00

# GREEN scene

**A Walk in  
Winter**



THE PENNSYLVANIA HORTICULTURAL SOCIETY

# Cathedral Village



*When Friends and Family Ask,  
“What do You do For Enjoyment?”*

*We tell them we enjoy . . .*

- ◆ The Village College . . . where courses are taught by our own Resident Professors . . . and there are no tests to take!
- ◆ Swimming at sunrise . . . during the day . . . and even in the winter when it's snowing!
- ◆ The camaraderie of friends while exercising in the Health Club or doing Tai Chi and Yoga.
- ◆ Singing in our new Village Chorus which recently performed at the Arden Theater.
- ◆ Having our own Greenhouse for personal use year-round along with interesting and fun-filled seminars given each week by professional horticulturists.
- ◆ Having a wonderful, light-filled Art Studio for self-expression, as well as art classes in a variety of media.
- ◆ Molding clay into works of art in the Pottery Studio where classes are also held.
- ◆ Attending Concerts, including those that are presented by our own Professional Resident Musicians right here at the Village.
- ◆ Having a great deal of fun participating in or attending Play Reading performances.
- ◆ Putting around on our Professional Green for fun as well as competition.
- ◆ Many Bridge tournaments, Scrabble competitions, and parties for all occasions.
- ◆ Taking the Cathedral Village bus to Center City for the Orchestra, Theater and Ballet, and for day trips to museums, flower shows and other places of interest.
- ◆ Joining Resident Committees and enjoying each other's company while volunteering in the Library, Gift Shop and other areas of the Village where our help benefits others.

Woven into this truly enjoyable lifestyle are new friendships with kindred spirits!

*~ Come for a visit and discover even more! ~*

Visit Monday through Friday between 9AM and 3PM.  
Appointments are needed for weekends and holidays.

600 East Cathedral Road • Philadelphia, PA 19128

[www.cathedralvillage.com](http://www.cathedralvillage.com)

(215) 984-8621



Cathedral Village is a Nonprofit,  
Nondenominational Continuing Care  
Retirement Community.



Accredited Since 1984  
Affiliated With the Jefferson Health  
System Since 1986

# CONTENTS

# GREEN scene

Editor  
Pete Prown

Senior Editor  
Jane Carroll

Associate Editor  
Daniel Moise

Staff Photographer  
Margaret Funderburg

Art Design  
Baxendells' Graphic

Printer  
ALCOM Printing Group, Inc.



The Pennsylvania  
Horticultural Society

Website  
[pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org)

100 N. 20th St.  
Philadelphia, PA 19103-1495  
215-988-8800

Chair  
John K. Ball

President  
Jane G. Pepper

Executive Vice President  
J. Blaine Bonham, Jr.

PHS Membership Information  
Linda Davis, 215-988-8776

Display Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Classified Ads  
Daniel Moise, 215-988-8871  
[gsads@pennhort.org](mailto:gsads@pennhort.org)

Garden Q & A Phone Line  
215-988-8777. Monday through Friday,  
9:30 to 12 [closed in December]  
[askagardener@pennhort.org](mailto:askagardener@pennhort.org)

GREEN SCENE (USPS 955580),  
Volume 37, No.1, is published bi-monthly  
(January, March, May, July, September, November)  
by the Pennsylvania Horticultural  
Society, a nonprofit member organization at  
100 N. 20th St., Philadelphia, PA 19103-1495.  
Single Copy: \$5.00 (plus \$2.00 shipping).

Second-class postage paid at  
Philadelphia, PA 19103.

POSTMASTER: Send address change to GREEN SCENE,  
100 N. 20th St., Philadelphia, PA 19103.

© Pennsylvania Horticultural Society, 2009



## FEATURES

### Designed to Perfection .....10

When it comes to planting borders, Joe Henderson of Chanticleer ... A Pleasure Garden is a real artist. Ilene Sternberg sat down with Joe and gleaned a few of his tips for spectacular spring plantings.

### A Winter's Walk .....16

Snow-covered trees and brilliant red holly berries are just two of the many wonders of the season. Put on your scarf and mittens and join Eva Monheim as she takes a stroll through the winter landscape.

### Supporting Our City .....20

Philadelphia boasts stunning landscapes and gardens, but funding is needed to preserve these cherished spaces for future generations. In response, PHS has launched the *Legacy Landscapes* campaign, and PHS president Jane G. Pepper shares her personal insights.

### A Triumph for Trilliums .....24

The Mt. Cuba Center in Delaware features woodland settings of staggering beauty. Tucked among the trees are thousands of gorgeous trilliums, which Betsie Blodgett ambled among on a sunny day last spring.

## COLUMNS

### The Potting Shed .....6

### The Green Arranger .....28

*Everything Old is New Again*

### The Multi-Purpose Garden .....30

*Bring on the Spring!*

### The Backyard .....34

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover image: Nancy Ondra





Photos: Ruth Joyce, Russ Kennedy, & Jeannette Lindvig

# Flower Power!

## Your Productive Garden

*A Horticulture Symposium*  
February 21, 2009

Enjoy a day with fellow gardeners! Experts Jennifer Bartley, Linda Beutler, David Howard, and Lee Reich reveal how you can create organic balance in your garden. Presented in cooperation with *Horticulture* magazine. Visit [hortprograms.com](http://hortprograms.com) or call 877.GDN.PROG to register.

## What's in Bloom?

Stroll our cool, refreshing garden. Narrated tours are available. Call 302.888.4856 or visit our new garden blog at [gardenblog.winterthur.org](http://gardenblog.winterthur.org) for more information and expert gardening tips.

*All dates are subject to change. Please visit [winterthur.org](http://winterthur.org) for more details.*

## Wednesdays at Winterthur

April 1–October 28, 2009 (except for August), 11:30 am

Join us for demonstrations, talks, and guided walks covering a wide range of gardening topics. Lasts approximately one hour. No registration necessary. Members free. Included with all admission tickets.

## Spring Photography Workshop

*Getting To Know Your Digital Camera:*

*A Primer for Flower & Garden*

May 15–17, 2009

Shutterbugs take note! Master flower and garden photographer, Allen Rokach, will demonstrate the basics for using in-camera menus and options on your digital camera. Enjoy presentations, hands-on instruction, and field photography on Winterthur's beautiful grounds. Registration begins February 2009.

## WINTERTHUR MUSEUM & COUNTRY ESTATE

Nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route 1, less than one hour south of Philadelphia  
800.448.3883 • 302.888.4600 • [winterthur.org](http://winterthur.org)

# The Garden Gallery

WINNERS OF THE 2008 GREEN SCENE PHOTO CONTEST

By Daniel Moise

**W**hat makes a great garden photo? As the judges of the 2008 *Green Scene* Photo Contest discovered, that question has no easy answer. Sometimes it means skillfully capturing one of those *blink-and-you-miss-it* moments. Other times it requires finding the perfect lighting to best illuminate the subject.

Whittled down from a group of 600-plus images, the 13 winning photographs featured in these pages capture incredible insect shots; fantastic floral forms; and even the stark, chilling Antarctic landscape. What they have in common is a certain quality that compels viewers to take a second look. Perhaps that alone is the key to a great garden or nature photo. *Enjoy!*



## 1ST PLACE

**Name:** Sandi Yanisko

**Subject:** Monarch butterfly on goldenrod

**Prizes:** Nikon Coolpix L11 Digital Camera with accessories and a photo assignment for *Green Scene*

"This newly emerged monarch butterfly was resting on the goldenrod in my front yard meadow. My yard and garden are filled with plants specifically chosen to attract butterflies, as photographing their life cycle is one of my hobbies."

## 1ST PLACE



## 2ND PLACE



### 2ND PLACE

**Name:** Jeff Sayre

**Subject:** Night-blooming cereus

**Prizes:** *The Philadelphia Flower Show* coffee-table book and a one-year PHS membership

"It has been a love/hate relationship with this plant ever since a friend gave me a leaf cutting 13 years ago. It took 10 years before it bloomed, but now the plant is huge and flowers several times a year. Each bloom rapidly opens up in the evening and fades away two to three hours later."

### 3RD PLACE



**Name:** Harold A. Davis

**Subject:** Monarch chrysalis after a rain

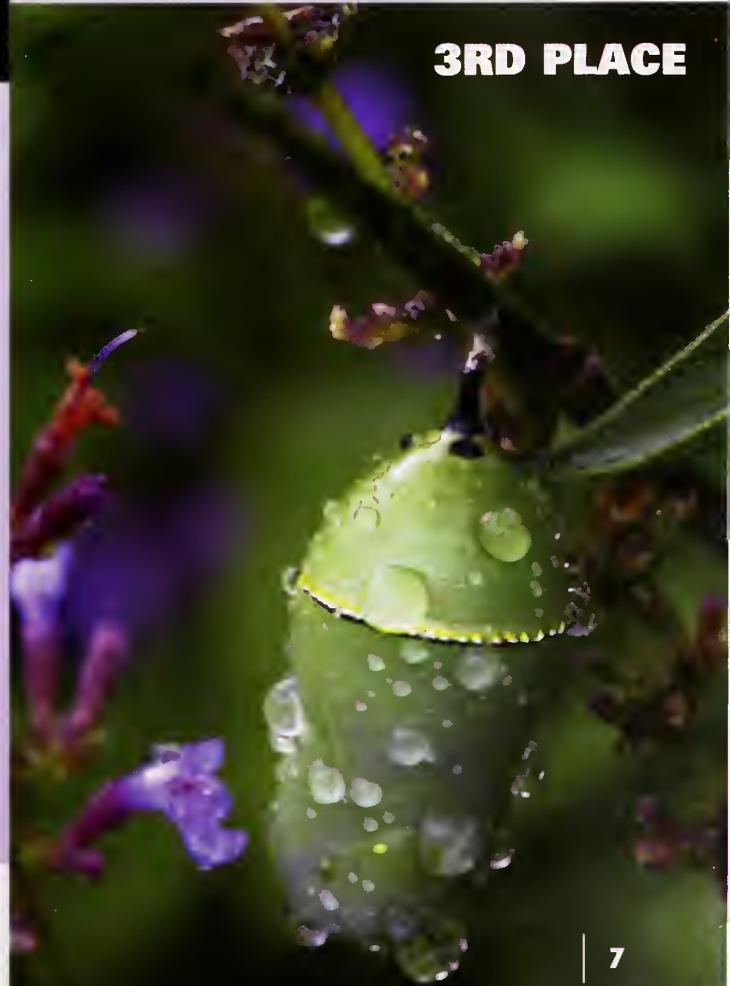
**Prize:** One-year PHS membership

"My children and I have been tagging monarch butterflies for more than nine years, so we are keenly aware of any butterflies or chrysalises that might be around. This one was spotted in our backyard after a mid-afternoon rainstorm. We kept track of it and later tagged the emerging butterfly."

First prize provided courtesy  
of Ritz Camera



## 3RD PLACE



# The Potting Shed



1.



2.



3.

Photo not available

4.



5.



6.



7.



8.



9.



10.

## HONORABLE MENTION WINNERS



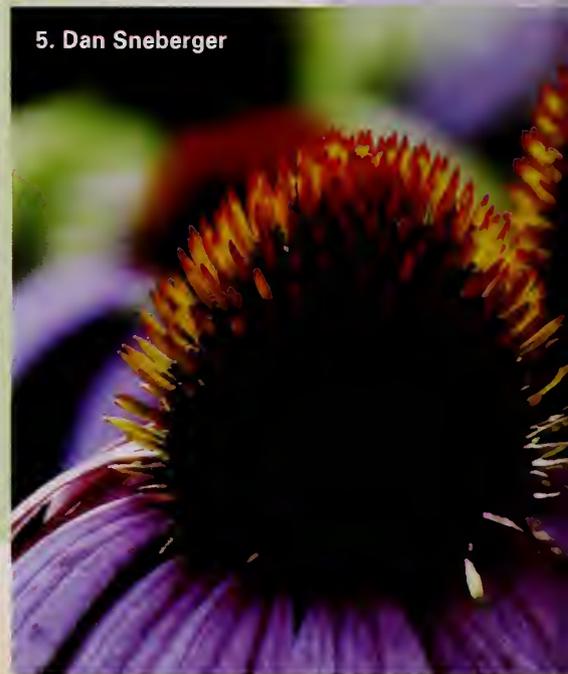
1. Sherri Kari



2. Lea Foster



4. David Morse



5. Dan Sneberger



7. Lorene J. Athey



8. Monica B. Sinker



9. Estelle Carraz-Bernabe



3. Janet L. Hughes



6. Melissa H. Morris



10. Pamela W. Leighton



**Vanished Gardens: Finding Nature in Philadelphia**

By Sharon White

The University of Georgia Press  
(240 pp, \$28.95)

The ghosts of gardens past haunt the pages of Sharon White's getting-to-know-you meditation on her adopted home. After moving to Philadelphia nine years ago, White, who teaches writing at Temple University and lives in the city's Fairmount neighborhood, grew to regard the city as "an extensive garden, a bit wild in parts." As she explored Philadelphia's neighborhoods and historical archives, she came to know the wilderness beneath the surface of sidewalk and street, peeling back the layers of the city's rich horticultural history and becoming acquainted with gardeners long gone.

Some of the gardens she writes about, such as Bartram's Garden and the Henry Botanical Garden, live on; others, like the Labyrinthine Garden that once flourished near where White now lives, have indeed vanished. White is a poet, and it shows in her often-lyrical prose that weaves personal musings with historical anecdote. Her book offers new glimpses of a familiar landscape; even readers who think they know the horticultural history of Philadelphia are likely to find surprises in these pages.

—Denise Cowie



Come hear **Sharon White** give a book reading at PHS Tuesday, January 13, 6:00 pm, PHS Auditorium

The McLean Library will be open until 5:45 this evening. The reading will be followed by a book signing and light refreshments and wine. Fee: \$10 members, \$20 non-members. For information, visit our online web calendar ([pennsylvani horticultural society.org](http://pennsylvani horticultural society.org)) or call 215-988-8869.

# BORDER

## secrets

**Admiring an  
Artful Planting  
at Chanticleer**



Joe Henderson, one of the many talented growers at Chanticleer... a Pleasure Garden in Wayne, Pennsylvania, is an expert water gardener and horticulturist. Last spring, on a rather steep hillside overlooking the ponds, Joe created a dazzling mixed border highlighted by brilliant red poppies. It was so stunning that we decided to prod and pester him until he revealed what ideas and strategies went into creating this living work of art.

Even though Joe says anyone can do this, many of us create a border by desperately

shoving the assorted plants we bought on impulse into any spot we can find, without ever considering where they'd fit best, or if they'd fit at all. Since Joe's thoughtful planning, discriminating taste, and discerning eye are not things we all possess, the question was posed: "So, is there joy in making the rest of us feel inferior?" He answered with a wry smile, "Well, let's just say it gives meaning to my life."

Here's what Joe told us about designing that magnificent hillside border:

### TOUGH LOVE

I'd like to say, "*Oh yes*, this design came to me in a moment of divine inspiration," but really, I don't put a plan on paper. I start out with what I like—things that are hardy and need little care. My garden area at Chanticleer is large, and needy things die quickly, so *Primula* or other moisture lovers won't work. I think if you commit a design to paper it becomes static—it's a good tool to start with, but I don't let it rule out inspiration. I know which color combinations I like, so I find it easier to begin with a palette.

This particular bed is pretty much a dry garden. The bed is fluffed up with sand and gravel used as amendments and as mulch. The self-sowers love to lodge in the gravel crevices and are thinned out in spring. Some plants will tolerate our cold, but don't like winter wetness or a wet fall or spring, so good drainage helps. By amending soil with sand and gravel, you increase the hardiness of plants that like sharp drainage. Other than that, I only water new plants, or when conditions are excessively dry. Watering too much would present problems, too—more weeds and shallow root systems. Beth Chatto's book, *The Dry Garden* (Sagapress, 1996), is useful on this subject.

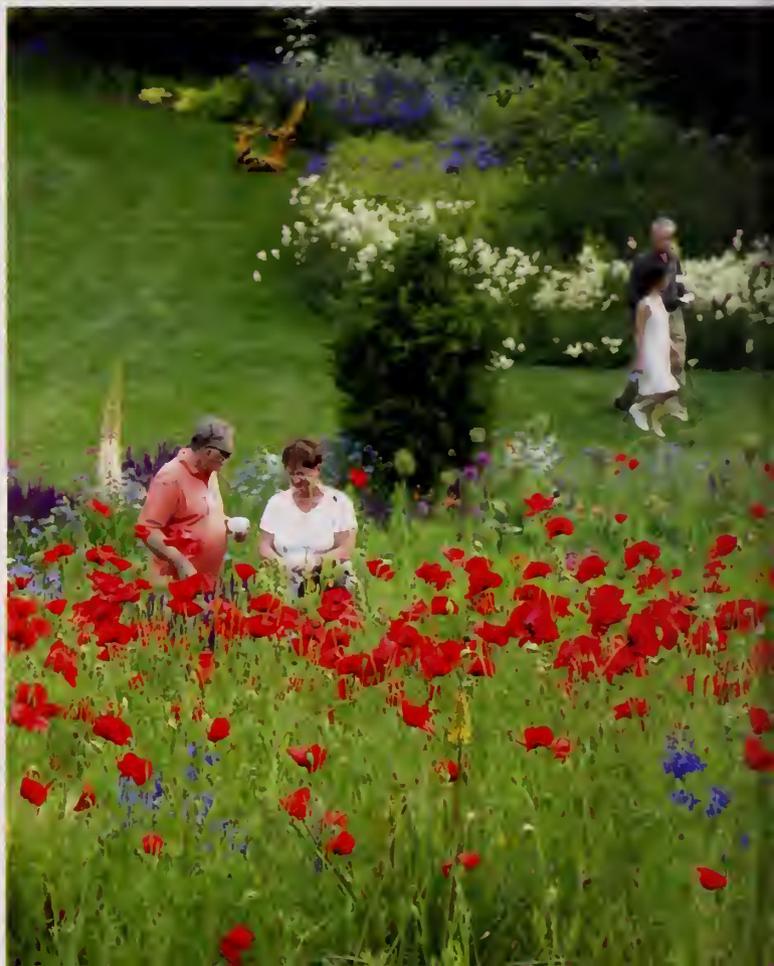


Story by Ilene Sternberg  
Photography by Pete Prown

## A Border at Chanticleer



**“I think if you commit a design to paper it becomes static—it’s a good tool to start with, but I don’t let it rule out inspiration.” —Joe Henderson**



This border consists of bulbs, perennials, and self-sowing annuals like Flanders poppies and oxeye daisies. Color balance is maintained through thoughtful editing so certain colors do not overpower. The succession planting (where flowers you see now will be replaced by later bloomers) changes throughout the season, providing interest and color. After the spring flush, and after permitting seeds to ripen, spent annuals are removed. I'll sow seeds if they need locating elsewhere. I'd rather not move perennials, so I'm careful to put those where they will have the most impact over time.

In working with plant colors, textures, forms, and bloom times, you can work out a design. As long as colors work together, you are free to manipulate. One of the greatest things I learned from Chris Woods (former director of Chanticleer) is to look at the landscape as "plastic." His attitude is, "Just because you put a plant in the ground, it doesn't always have to stay there."

#### CHANGING OVER TIME

Over the life of the border, which is now five or six years old, I've found that some things work and others don't. Take, for instance, *Salvia nemorosa* 'Caradonna', whose value is heightened by colored stems and long bloom time. I'm using this instead of lavender, which, though it ties in with surrounding beds, doesn't perform well. I also added the *Allium* 'Lucy Ball', thinking the color might work as a cool counterpoint and interesting textural bridge, while also toning down the vibrant poppies. Cornflowers and pink *Silene armeria* act as a bridge between the cool colors and other hot colors.

Each year I tweak it by adding something else within a family of colors that are already there. This year, I added some black *Scabiosa atropurpurea* 'Ace of Spades' and black/maroon cornflowers. These pick up on



[www.galamont.com](http://www.galamont.com)

Personally Designed Unique Garden Structures!

- Distinctive in Design
- Outstanding in Appearance
- Superior in Quality

**GalaMont**  
Great Places Great Times

877-350-3551  
[www.galamont.com](http://www.galamont.com)  
[sales@galamont.com](mailto:sales@galamont.com)

### 63RD ANNUAL COLONIAL WILLIAMSBURG GARDEN SYMPOSIUM

## THE NATURAL RHYTHM OF GARDENING

May 1, 2009

FEATURED SPEAKERS INCLUDE

Felder  
Rushing



David  
Howard



Colonial Williamsburg®

1-800-603-0948  
[www.history.org/conted](http://www.history.org/conted)

COSPONSORED BY

fine Gardening AND



© 2008 The Colonial Williamsburg Foundation

10/08-5943204



An ocean of color at Chanticleer, including Flanders poppies (*Papaver rhoeas*), *Salvia caradonna*, Oxeye daisy, cornflowers, *Silene armeria*, *Allium* 'Lucy Ball', *Nepeta* 'Walker's Low', *Helianthemum* sp., *Baptisia australis*, *Verbascum olympicum*, and *Tamarisk* sp.

the stems and fading salvia flowers and the white of the daisy, which I find uplifting in its simple abandon. The whole border has a cottage-garden feel ... contrived, but not too much so. Another satisfying plant is the lovely *Nepeta* X *racemosa* 'Walker's Low', which is cool, fragrant, and a good performer. It ties this area into other beds lower on the slope.

Other plants are *Verbascum* and *Ratibida*, which replace the early display. I avoid adding fertilizers and amending with rich organics. This only encourages weeds and luxuriant growth, which then requires more maintenance than I can give. A good book by Christopher Lloyd, *Meadows* (Timber Press, 2004), suggests removing the rich upper layer of soil so as to decrease competition and deplete the "weed seed bank."

### SELECTIVE SERVICE

My suggestion to anyone who wants to recreate this border would be to establish perennials first, get bulbs when they are available, then see

where you need a bit of punchy color.

I select plants not from a warehouse, but by whim. I bought some apricot and green zinnias last winter. I also ordered many pinks, which I'm trialing for fragrance, hardiness, color, ease of propagation, and ability to withstand neglect. I also picked up some pinwheel-striped marigolds, which I need to transplant for later insertion into beds.

I first chose a backbone of late-season bloomers with nice clear color notes: *Ratibida columnifera*, yellow with fine foliage, and with *Baptisia australis* as large masses and early bloom. I tried a series of perennials that didn't quite work, so trial and error played a part in this composition. With my anchors set, next came the self-sowers—annuals that love heat, lots of light, no competition, good drainage, and drier soils. I wanted to highlight vignettes, but needed the design to work as a whole, so that there was interest near and far, as well as when you moved around the border.

### A BALANCING ACT

Finally, I check things from different angles to imagine how adjacent colors will look from different positions—how the juxtaposition of colors changes as you move through the space. The changing of angles alters various color groupings and creates a dynamic composition that evolves through time. Since I grow lots of plants from seed or use plugs, I can trial different color blends without necessarily committing to a permanent scheme. Also, voids have to be filled.

Seeing it in all dimensions requires you to adjust season to season. Too much of anything good is not good. I have to leave room for later plants and go through the same design concerns for each season's scheme and try to do it successfully, though I must admit early is the best. You need to remove those self-sowers that proliferate—*Silene armeria*, *Leucanthemum*, *Nigella*—at the expense of other dainties that may need help taking hold, like the *Delphinium yunnanense*. Thugs like



**Joe Henderson**



the poppies (*Papaver rhoeas*) will shade and out-compete other plants. So conditions need to be balanced so that early, mid-season, and late displays can coexist. All of the voids of green are plants yet to bloom, or are past.

Texture, color, and scale are determined by my aesthetic, as long as there is a balance—not too much fine, too much coarse, or too much red. If any traits dominate, it looks peculiar. I think the upright salvia cleave the horizontal clouds of the oxeye daisies. Cool colors recede, and warm colors advance. I allow a bit of bleeding of one into the other so that it looks natural, but try to keep the masses discrete, so it doesn't look monotonous. I try to balance the hot pinks with the violets. Some of the colors relate to each other. The salvia has hints of red and blue, which tie the poppies, cornflowers, and *Nigella* together.

To me, this border is really a composition that changes every day. 🌱

Just miles from the Jersey Shore and nestled in a quiet residential neighborhood, sits Waldor Orchids, an award-winning, family-owned nursery that's home to some 500,000 orchid plants.

**Waldor Orchids**

Specializing in quality orchids for over 80 years

We invite you to visit our Web site at [www.waldor.com](http://www.waldor.com)  
 10 E. Poplar Avenue Linwood, NJ 08221  
 Ph. (609) 927-4126 Fax (609) 926-0615

**Your garden is your sanctuary... come to Mostardi's for distinctive plants, expertise and inspiration.**

Distinctive Plants • Home & Garden Accents

**MOSTARDI NURSERY**

4033 West Chester Pike (Rte 3), Newtown Square, PA 19073  
 610-356-8035 • [www.mostardi.com](http://www.mostardi.com)

# A WINTER'S



**O**n a snowy winter day, when things begin to get very gloomy indoors, I find myself drawn out of doors to take a walk. The activity in the garden, so evident in the spring and summer, now seems non-existent or negligible at first glance. But the winter walk reveals amazing subtle color combinations on the bark of trees,

branches, and even the tightly clasped buds.

The shapes and forms of deciduous trees and shrubs provide anatomy lessons in spinal support structures. I notice the newly fallen snow as it lies on the branches of the large evergreens, creating forms and patterns that are not as evident without it. Some ice crystals meld together, forming intricate patterns

atop a juniper (*Juniperus virginiana* 'Blue Mountain'). I think of finely fashioned lace with a delicate sheen.

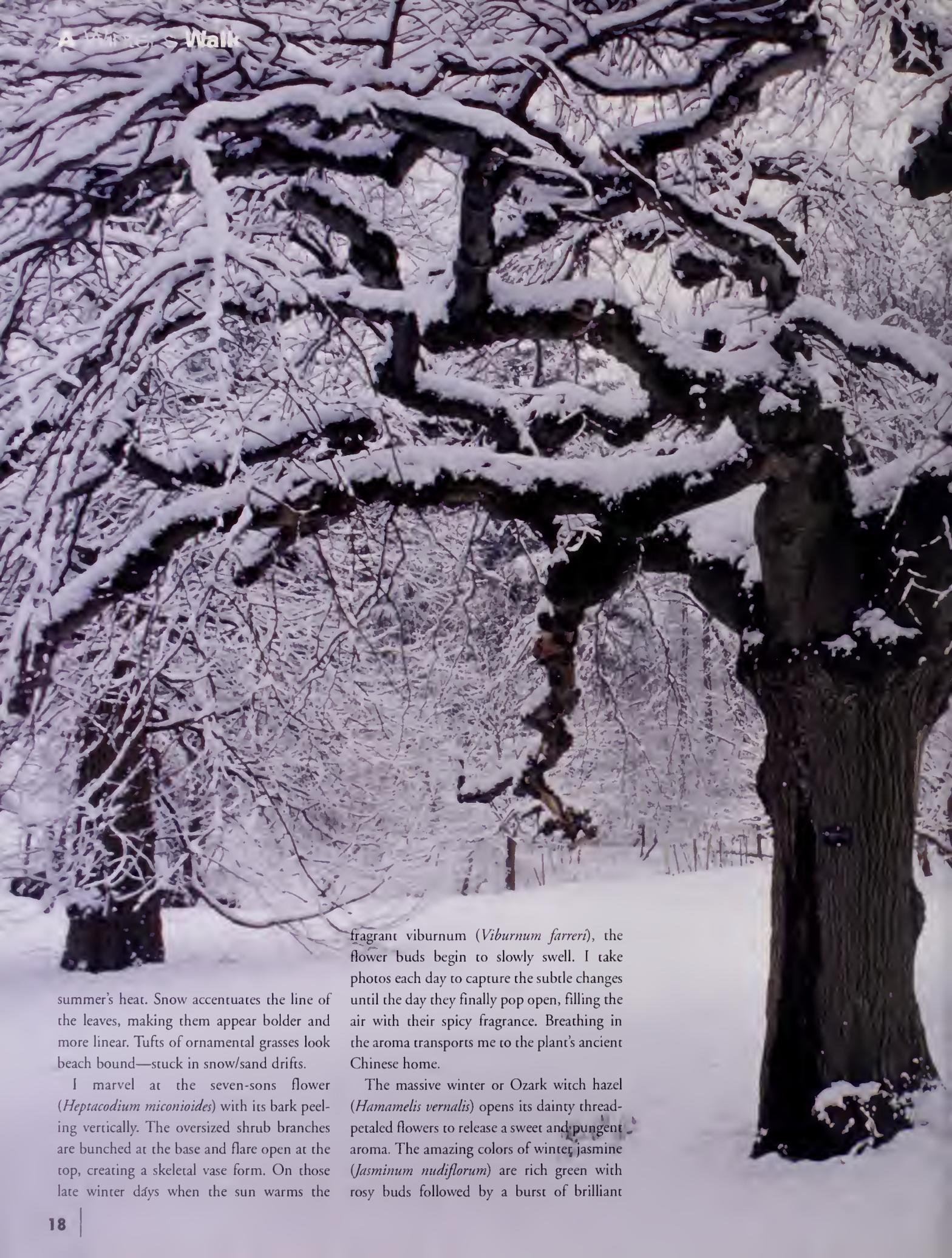
The snow can also push the boundaries of load-bearing branches to their limits. The trees hold loads weightlifters could only dream of. Flexible branches bending to the ground are like tightly drawn bows waiting for their arrows. As the snow begins to melt, the branches slowly relax and move back into their original poses. It is then that I realize that the garden is full of Olympian plant-athletes performing momentous feats of glory for our enjoyment.

New patterns, almost floral in form, are created by snow in the spaces between the leaves of an American holly. Against the cold, blue-white snow, variegated yucca (*Yucca flaccida* 'Golden Sword') looks cleaner, brighter, and more intense than in the

# WALK



Story by Eva Monheim

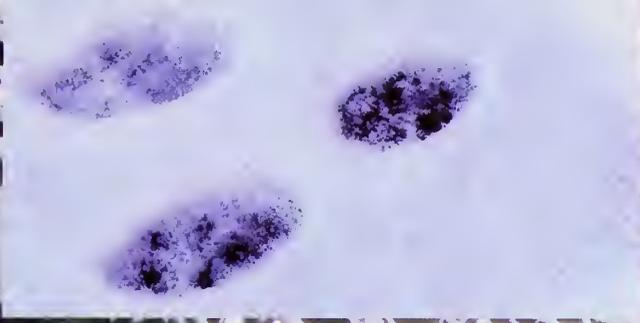


summer's heat. Snow accentuates the line of the leaves, making them appear bolder and more linear. Tufts of ornamental grasses look beach bound—stuck in snow/sand drifts.

I marvel at the seven-sons flower (*Heptacodium miconioides*) with its bark peeling vertically. The oversized shrub branches are bunched at the base and flare open at the top, creating a skeletal vase form. On those late winter days when the sun warms the

fragrant viburnum (*Viburnum farreri*), the flower buds begin to slowly swell. I take photos each day to capture the subtle changes until the day they finally pop open, filling the air with their spicy fragrance. Breathing in the aroma transports me to the plant's ancient Chinese home.

The massive winter or Ozark witch hazel (*Hamamelis vernalis*) opens its dainty thread-petaled flowers to release a sweet and pungent aroma. The amazing colors of winter jasmine (*Jasminum nudiflorum*) are rich green with rosy buds followed by a burst of brilliant



Photos by Eva Monheim and Rob Cardillo

yellow flowers. The colors more than make up for the shrub's lack of fragrance. Brilliant red American holly (*Ilex opaca*) berries cling to their peduncles while waiting for the marauding robins that will return to pick them clean.

My imagination runs wild with delight as I walk onward through the garden. The frigid air swirls around me and reddens my cheeks, but I no longer feel it. Breathing in the cold moist air makes the senses more acute. I feel the ancient tug of new life waiting under the blankets of snow in the garden. I feel the

movement, subtle yet strong, of the roots thumping and bumping below the ground in their womb.

As I continue across the snowy landscape, with a crunch under foot, I imagine that I am the first explorer here. Then, just up ahead I discover that I am not alone. Another explorer has been here before me—a rabbit whose trail is much smaller than mine. It too has felt the connection, feeding off the wonders that the new fallen snow has accentuated. What a wonderful day for a winter walk. 🐰

Clockwise from top left:

**Rabbit tracks in the snow**

***Yucca flaccida* 'Golden Sword'**

***Ilex opaca* 'Miss Helen'**

***Cercis chinensis* 'Avondale'**

***Hamamelis vernalis***

***Ilex verticillata* 'Winter Gold'**



## Jane G. Pepper Talks about PHS's *Legacy Landscapes Campaign*

Story by Jane Carroll

When PHS president Jane G. Pepper joined the staff in 1979, many public green spaces in downtown Philadelphia showed the effects of decades of under-funding and neglect. Jane and then-president Ernesta Ballard (who led PHS from 1963 to 1980) spoke frequently about the role PHS might play in reviving these sites, knowing that restoring their beauty would help fuel Philadelphia's economic rebirth.

"There was a concern that PHS should not make large investments in new landscapes, because then we would have to maintain them," says Jane, who became president in 1981.

Through small incremental steps over the years, however, PHS has indeed assumed an important role in renovating, caring for, and setting high horticultural standards for Philadelphia's civic landscapes. It accomplished this through what has become its signature approach—pulling together solid partnerships with public and private organizations, government, and residents that help leverage funding and resources. "It's been an evolution," says Jane.

The evolution continues with the announcement last fall that PHS has launched *Legacy Landscapes*, a \$12.1 million campaign to raise endowment funds for the long-term management of civic landscapes and large community gardens. "Driving our decision was the knowledge that if these places are not kept up, the investments

made would be for nothing," says Jane. "It's been one of my long-term goals for PHS—to know that we have secured the funds to maintain these treasured sites in the future."

One of PHS's early renovation projects was the Azalea Garden in Fairmount Park, located just west of the Philadelphia Museum of Art. "Of course, there's an important PHS history there," Jane explains. "The garden was originally designed by Frederick Peck and given to the city by PHS in the 1950s."

In the 1980s PHS oversaw a redesign of the Azalea Garden, one of the city's most beloved public sites. It is now a four-season garden where there is always something to see, including more than 33 cultivars of azalea and rhododendron, as well as native trees such as fringe tree and American and Oriental hybrid dogwoods.

Another major undertaking was the grounds of the Philadelphia Museum of Art, which for many years looked worn and unsightly. PHS and Fairmount Park partnered with the Museum to bring the most visible areas of the 25-acre landscape back to its former glory. The ramparts are now graced with formal shrubs and upright 'Princeton Sentry' junipers that echo the columns of the grand Greek Revival building. The elegant east courtyard has been planted with 'Velvet Cloak' smoke bushes, boxwood hedges, and oakleaf hydrangeas.

PHS has transformed some of Philadelphia's gateways as well. A formerly dismal stretch of 26th

# Our Treasured **GREEN SPACES**

Street leading to town from the airport is now a verdant parkway adorned with native grasses and perennials. Near PHS headquarters, along John F. Kennedy Boulevard bordering train lines from Amtrak's 30th Street Station, thousands of daffodils, groundcovers, and colorful hawthorn trees have replaced mountains of trash and debris that long festered there.

"So many people who commute to Philadelphia by train or come in from the airport have told me how much they appreciate those cheerful landscapes," says Jane.

The recent renovation of the landscaped circle surrounding the Swann Memorial Fountain in Logan Square, between 18th and 20th Streets, is especially gratifying for Jane. "One of the reasons I get such satisfaction in seeing the rebirth of that space is that it makes a connection back to Ernesta," Jane notes. "She had helped raise \$4 million to restore

the fountain, and I know it would make her proud to see it surrounded by such beautiful plantings."

Indeed, the circle at Logan Square is a horticultural gem featuring sweeping arcs of flower beds, shrubs, and verdant lawns, as well as newly planted *Paulownia tomentosa* trees, a hallmark of the site, donated by Longwood Gardens.

Income from the *Legacy Landscapes* endowment will make it possible for PHS to continue to hire landscape professionals to maintain these and other sites. A portion of the income, once the endowment campaign is completed, will also, in time, provide small grants to large community gardens created through Philadelphia Green that are so important to the city. These "Keystone Gardens," including Aspen Farms, Las Parcelas, and the Spring Gardens, are thriving community hubs that have brought city

residents together for more than three decades.

"These gardens are amazing in their variety and scale, as well as their impact—not only on their communities, but also on PHS as an organization," says Jane. "Some of our most devoted volunteers and strongest leaders, including members of PHS Council and the Philadelphia Green Advisory Board, are active participants in these gardens."

Most Keystone Gardens have taken on the cause of City Harvest, a relatively new PHS project funded by the Albert M. Greenfield Foundation. This endeavor works with community gardeners and the Philadelphia Prison System to grow and distribute fresh produce to families in need. "Because I'm a vegetable gardener at heart, I get great pleasure out of seeing what they are growing," Jane says. "My own garden is my oasis, and when I'm out there on Saturday mornings, I like knowing that



"Knowing that our most treasured landscapes and gardens are cared for will allow PHS to move on to other exciting projects."

— Jane G. Pepper



The landscape at the Philadelphia Museum of Art

**Legacy Landscapes** is a \$12.1 million campaign to establish an endowment fund to support the horticultural maintenance of PHS civic and neighborhood landscapes. Your contribution will create a lasting legacy that will help maintain the beauty and value of these important landscapes forever.

For more information or to learn how you can participate in **Legacy Landscapes**, please contact PHS senior director of development Melissa DeRuiter at 215-988-8766 or [mderuiter@pennhort.org](mailto:mderuiter@pennhort.org), or visit [pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org) and click on "The Legacy Landscapes Endowment Campaign."



Photos by Margaret Funderberg



Top: **Daffodils bloom along John F. Kennedy Blvd. near 30<sup>th</sup> Street Station**

Middle: **A sea of Liatris in Logan Square**

Bottom: **Spring colors at the Azalea Garden behind the Art Museum**

others are enjoying that same pleasure."

Jane continues, "Knowing that our most treasured landscapes and gardens are cared for will allow PHS to move on to other exciting projects, such as enhancing green spaces all along the Benjamin Franklin Parkway."

Crowned at the west end by the Philadelphia Museum of Art, the Parkway is home to several other major cultural institutions. Thanks to funding from The Pew Charitable Trusts, the William Penn Foundation, the John S. and James L. Knight Foundation, the City of Philadelphia, and the Commonwealth of Pennsylvania and through partnerships with Center City District, the Fairmount Park Commission, and the Philadelphia Museum of Art, the Parkway's green spaces and pedestrian access points will receive a major makeover over the next several years. This level of collaboration signals a growing recognition of the important role that green landscapes play in creating a vibrant city.

"Whenever I am in Philadelphia, I'm so proud of what we've accomplished," Jane reflects. "Mostly, this is because it did not seem possible 25 years ago when Blaine [PHS executive vice president J. Blaine Bonham, Jr.] and I started dreaming about having more attractive green spaces in the city. Blaine and the entire PHS staff have been integral to these developments, and so many partners have played a vital role in our work. And we could not have done any of it without the financial support of many generous individual donors as well. I very much hope others will decide to join them in making contributions to *Legacy Landscapes*." 🌿



POWERSCOURT  
HERE  
EMILY & SALLY  
REDISCOVERED  
THE SIMPLE PLEASURES  
OF A QUIET  
CUP OF TEA  
IN THE BACKYARD  
©

You can spend the morning hiking the rugged Wicklow mountains, and the afternoon whiling away the hours gazing out on the lush gardens at Powerscourt.

Discover more at [discoverireland.com](http://discoverireland.com)  
or 800 SHAMROCK

Your very own Ireland



## ETHEREAL WOODLAND BEAUTIES

The West Slope Path at the Mt. Cuba Center is glorious on this fine late spring day, with foamflowers, ferns, jack-in-the-pulpits and perennial geraniums putting on a stunning display of bold forms and hues. Adding to the woodland magic, as if on cue, a yellow swallowtail butterfly emerges from a shaft of sunlight that pierces the tree canopy overhead and alights on a rhododendron.

With the riot of colors and textures vying for visitors' attention at Mt. Cuba, it can be easy to overlook research horticulturist Jeanne Frett's favorite plant floating a few inches above the woodland floor: the "magical, ethereal" trillium.

Known by a variety of common names—including wake-robin, toadshade, stinking Benjamin—the trillium, with its three leaves, three sepals, and three petals, can be found around the world, but the greatest concentration of species grows in eastern North America, Frett explains in her 2007 spiral-bound book, *Trilliums at Mt. Cuba Center*.

If you are lucky enough make a spring visit to Mt. Cuba, the former home and gardens of Mr. and Mrs. Lammot du Pont Copeland, you will see thousands of trilliums growing throughout the property. In this part of northern Delaware, trillium season starts in March with the diminutive *Trillium nivale* and continues in April with the species-like *Trillium catesbaei*, with its lily-like white, pink, or rose flowers. The



Photo by Rob Cardinal



Photo by Rob Cardinal

*Trillium stamineum*

# THE TRILLIUMS OF MT. CUBA



show finishes in mid-May with *Trillium grandiflorum*, including the cultivar 'Pamela Copeland', a showy white double-form beauty named for the Mt. Cuba Center co-founder.

Frett says Mrs. Copeland—a venerable Philadelphia Flower Show blue-ribbon winner—started planting trilliums in the

late 1960s when the woodland gardens were established. She later became concerned about the damage some nurseries were doing by selling wild-collected plants, so she began growing them herself in the early 1990s.

Two dozen species of these spring ephemerals thrive at Mt. Cuba, which has



Story by Betsie Blodgett

## Trilliums

an abundance of ideal trillium habitats: moderate shade and moist but well-drained soil rich in organic matter. Growing trilliums from seed requires more than the right soil and site, though. “You need patience and hope, because it can take up to seven years before you see a flower,” Frett explains.

Mt. Cuba has a lath house dedicated to propagating trilliums from seed. “There are probably thousands of them growing in there,” she says. They’ve learned from trial and error over the years that trilliums grow better in the ground than in nursery pots, so the plants are in large raised beds.

They watch plants closely for desirable traits, which for trilliums means the showier the better. “You want a large upright flower,” says Frett, singling out a trillium sporting decidedly droopy flowers. “See how this one is holding its pedicel (flower stalk) horizontal? You don’t want it like that—you want the flowers facing up.” Frett and other trillium aficionados have had some luck hybridizing trilliums with collected seed, although the genus poses certain challenges. “It’s difficult, as their natural ranges don’t overlap,” adds Gregg Tepper, who has been the Woods Path Gardener for the past three years.

Mt. Cuba’s woodland gardeners have mastered plant combinations that highlight swaths of trilliums, which tend to get bigger and showier as the season progresses. Frett says that in early to mid-May, plants like ferns, wild columbine (*Aquilegia canadensis*), foamflower (*Tiarella cordifolia*), wild phlox (*Phlox divaricata*) and bishop’s cap (*Mitella diphylla*), are especially effective with the different trillium species flowering at that time of year.

Although the Mt. Cuba woodland gardens look untouched by all but Mother Nature, finding the right place and combination of plants to bring out the best in trilliums requires a helping hand. “They would not be found in the wild in this combination,” Fretts says. “We’re definitely gardeners here.” 🌿



Mt. Cuba house



*Trillium grandiflorum*



Photo: © Jeff and Sue Fox/State Flower

*Trillium sulcatum*

Jeanne Frett's book, *Trilliums at Mt. Cuba Center: A Visitor's Guide*, is available at the Center or by mail (\$15, plus \$5 shipping; download an order form on their website). Mt. Cuba Center is open to visitors by advance registration only. For more information, go to their website at [mtcubacenter.org](http://mtcubacenter.org) or call 302-239-4244.



The growing house



Jeanne Frett and Gregg Tepper



# An **OLD FASHIONED WAY** to Design for Today

**B**efore the invention of floral foam in the 1950s, floral designs were often prepared using chicken-wire forms to shape and support flower stems. Today, some merchandisers call chicken wire “poultry netting,” but by any name, it will surely support your flowers.

You can purchase chicken wire at your local hardware or building materials store. It may be galvanized or plastic coated; either will do. The hexagonal openings in chicken wire vary in size from 1/2 inch to 2 inches. Openings of 1 to 1-1/2 inches will hold flowers securely without being too small. If you need to use the larger opening, fold your form more tightly to create tighter spaces.

Once you have created the form and initial design shape, the form may be reused by taking out the flower and foliage stems and washing thoroughly. A run through the dishwasher will eliminate any bacteria, as will a good soaking in soap and water.

## CREATING THE CHICKEN-WIRE FORM

- Choose a low plate or bowl that will hold at least 2 inches of water along with your wire form.
- Cut a length of chicken wire long enough to make a ring, circle, or spherical form.
- Roll the wire to your desired thickness. About 3 to 4 inches wide is optimal for a low design.
- When making a ring form, tie the two ends together with spool wire or cord.
- Turn sharp ends of wire inward and be careful not to cut your hands.



Left: **The basic supplies**

Below: **Fill wire form with greens and flowers. Water at least 1-1/2 inches into the form.**

## ARRANGING FLOWERS ON A WIRE FORM

- Place wire form onto plate or bowl and fill with water.
- Cut greens into small pieces, length will depend on the desired height of your design, but 4 to 6 inches will fit a low form quite well as shown here.
- Assemble greens into form.
- Cut flower stems to slightly taller than greens.
- Add flowers, starting with larger blooms and filling in with smaller flowers and filler. Make sure all stems go through the form to the water line.
- When design is completed, move carefully and keep it filled with water.
- Your design will last a long time because flowers are in fresh water and the stems of flowers and greens are short. 🌿



**Boxwood, ivy, roses, lisianthus, carnations, and wax flower fill the wire-ring form.**

## CONDITIONING GREENS

**Boxwood** (*Buxus* sp.)—Submerge in water overnight to clean off dust and reduce odor.

**Holly** (*Ilex* sp.)—Cut from plant, split stems, and keep in water overnight. Spray with an anti-desiccant like Wilt-Pruf to prevent moisture loss.

**Ivy** (*Hedera* sp.)—Cut stems above a node, remove bottom leaves and soak in cold water at least 4 hours or overnight. In spring, young ivy leaves are very tender and not ready for cutting.

**Pine** (*Pinus* sp.)—Branches may be soaked overnight to remove dust and sap.

## THUJA X 'GREEN GIANT'

Screening Alternative to Leyland Cypress  
& New England's Dying Hemlocks



- ↳ New USDA Release
- Pennsylvania Gold Medal Plant Award 1998
- Tough, Fragrant, Tall, Skinny Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing, 3' to 5' / Year
- \$3 to \$45 Each
- Zone 4-9

### Other PA Gold Medal Plants available:

Beautyberry variegated 'Duet', Chastetree Vitex 'Shoal Creek' Dogwood, 'Golden Glory' Nordmann Fir, Persian Ironwood, Japanese Tree Lilac 'Ivory Silk', Paperbark Maple, Dawn Redwood, Sweetbay Magnolia 'Moonglow', Witch Hazel 'Diane', Itea 'Henry's Gardnet', and many more.

### American Elms



#### Dutch Elm Disease Resistant

Pictured (left) NEW! Jefferson American Elm, (right) Princeton American Elm. Best trees ever. 50 pictures and information at [www.botanyshop.com](http://www.botanyshop.com)

Many pictures and information on our website [www.botanyshop.com](http://www.botanyshop.com) • Joplin, MO or call 888-855-3300 for prices and information.

# Morris Arboretum Spring classes

Beginning in late February

Call for a brochure 215-247-5777 x125 or visit [www.morrisarboretum.org](http://www.morrisarboretum.org) for a complete listing of classes.

**Morris Arboretum of the University of Pennsylvania**  
*Official Arboretum of the Commonwealth of Pennsylvania*

PNC presents

# 2009 PHILADELPHIA FLOWER SHOW

THE PENNSYLVANIA HORTICULTURAL SOCIETY

## MARCH 1 - 8

### Private guided tours of the largest indoor flower show in the world

- Private Early Morning Entrance and tour with a group of 8 - 12
- Flower Arranging Demonstrations
- Shopper's Delight discount card for merchandise purchases at official Flower Show Shoppe
- Goodie Bag PLUS extra Flower Show admission ticket

**Special Members' Rate \$85 per person**  
Non-member \$105 per person

Tours are available March 2 - 6. Reservations deadline is February 13, 2009. Send name and mailing address to [earlymoringtours@pennhort.org](mailto:earlymoringtours@pennhort.org); call 215-988-8775 or go to [theflowershow.com](http://theflowershow.com) to print an order form. Reservations are limited.

Produced by

**theflowershow.com**



# CELEBRATING the SEASON

**B**y the time February arrives, I've pretty much had it with our Pennsylvania winter, and I feel a touch of envy for gardeners in milder climates. That envy doesn't last long, though. By early March, I'm so immersed in starting seeds indoors and hunting for the first sprouts outdoors that I wouldn't trade even our worst winter weather for the ability to garden outdoors year-round. Don't you think it would be a little boring to have a garden that looked lush and flower-filled every single day?



Photo by Nancy Ondra

In winter, freezing rain gives stalks and seed heads a sparkly coating.

If you still think that sounds pretty good, then consider how much fun it is to look forward to our seasonal happenings: the first snowdrops and crocus that signal spring's arrival, the passing of the last frost date to usher in summer's abundance, the peak season of dahlias and salvias to celebrate fall. Sometimes, what actually happens in the garden isn't quite as thrilling as we expected, but at least we've felt the joy of anticipation.

For obvious reasons, spring is a favorite season with most gardeners, and many mark its arrival with an abundance of bulbs and elegant ephemeral windflowers. I'm always grateful to the gardeners who have the foresight to plan ahead for a fantastic spring display, because they do such a public service in raising everyone's winter-weary spirits.

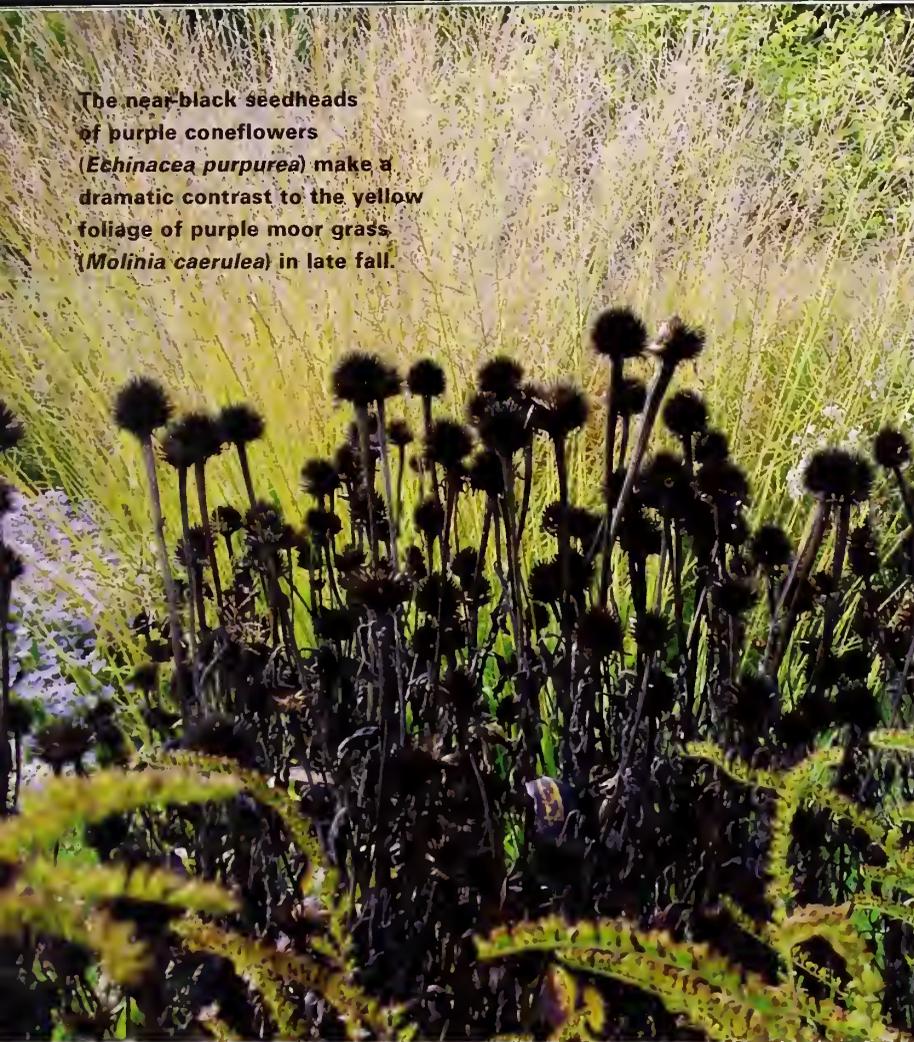
I have a few early bloomers in my own garden, but I don't put much emphasis on planting specifically for spring. I'm just so happy to be outside again that seeing anything green thrills me. And since I leave most of my garden cleanup until spring, I'm generally so busy tidying up, as well as starting new borders and planting them, that I never get around to organizing a glorious display of late-spring and early-summer favorites. While other gardeners are showing off their peonies and irises, I'm still setting out annuals, tracking down tropicals, and getting new plantings all mulched and watered. After that, I'm plenty happy to relax a bit through July—retreating indoors while the plants soak up the sun—and settle in to wait for a splendid display in late summer and fall.

Now, I don't want to encourage everyone to plant only for autumn abundance, because then we'd all be too busy in our own yards to enjoy each other's springtime gardens. I'll just point out that when you plan for a late-season display, you're not just getting a month or two of glorious color, you're getting a garden that looks great from August well into January.

Many later bloomers have sturdy stems and showy seed heads with striking forms and textures that stick around long after the flowers fade. Orange and purple coneflowers (*Rudbeckia* and *Echinacea* spp.), goldenrods (*Solidago* spp.), and asters are just a few excellent choices for both flowers and seed heads. And no autumn-into-winter garden would be complete without the persistent stems, leaves, and seed heads of warm-season grasses, such as little bluestem (*Schizachyrium scoparium*), prairie dropseed (*Sporobolus heterolepis*), and switchgrass (*Panicum virgatum*). Viburnums, hollies, and other fruiting shrubs also contribute bright berries to the season.

By early February, the winter skeletons of persistent perennials can look rather tattered, and hungry birds have devoured many of the berries. But that brings us full circle, ready to start the whole cycle of anticipation and fruition all over again. Who needs a calendar, when we can judge the seasons by the gardens just outside our door? 🍀

The near-black seedheads of purple coneflowers (*Echinacea purpurea*) make a dramatic contrast to the yellow foliage of purple moor grass (*Molinia caerulea*) in late fall.



**Unprecedented Experience • Personal Service • Exceptional Quality**



**IT'S THE MCFARLAND WAY!**

Call today to schedule a free professional consultation to review your property.



**MCFARLAND**  
Tree & Landscape Services

215-844-TREE (8733)  
610-688-6644  
Fax: 215-438-1879  
[www.mcfarlandtree.com](http://www.mcfarlandtree.com)

*The Williamsburg Collection*  
A GARDENSHEDS • EXCLUSIVE



Beautify your landscape with  
Timeless design and  
Uncompromising craftsmanship  
reminiscent of another era.

Our original products are fully  
Assembled, finished, and shipped from  
our Pennsylvania workshop  
To 48 States.

View our entire collection of  
Gardensheds, Greenhouses,  
Screen Houses, Pool Houses, Pavilions,  
Follies, Entry Gates, Estate Planters,  
Bird Houses and Dog Houses.

[www.Gardensheds.com](http://www.Gardensheds.com)  
Toll-FREE: 877-SHEDS-11



LAMBERTVILLE, NJ

**GARDEN STRUCTURES**

**GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION**

Custom Aluminum or Wood  
33 Years' Experience  
Call Robert J. LaRouche at  
Glass Enclosures Unlimited  
610-687-2444

**GREEN TECHNOLOGIES**

**Rainwater Harvesting Systems**  
Capture Filter Reuse  
Please visit our website to learn more  
[www.YourPond.com](http://www.YourPond.com)  
**Cedar Run Landscapes**  
1-800-Landscape

**LANDSCAPE DESIGN**

**BURKE BROTHERS LANDSCAPE DESIGN/BUILD**  
Nationally-recognized designs.  
Experienced staff ensures the integrity of the design from concept to completion.  
[burkebrothers.com](http://burkebrothers.com)  
215-887-1773 610-520-2025

**CLASSIFIED RATES**

BASE RATE .....	\$3.00 per word (without formatting)
1 LINE .....	\$15.00 per line
FORMATTED WORDS .....	\$5.00
(ex. Bold, <i>Italic</i> or ALL CAPS)	
MINIMUM CHARGE .....	\$60.00
DISCOUNT .....	10% off the second consecutive ad, using the same copy

**DEADLINES**

- January/February issue (by November 1)
- March/April issue (by January 1)
- May/June issue (by March 1)
- July/August issue (by May 1)
- September/October issue (by July 1)
- November/December issue (by September 1)

PLEASE NOTE: *Green Scene* does not guarantee advertisement position, and we reserve the right to edit copy to fit available space. *Green Scene* ads are scheduled on a first-come, first-served basis until space is filled for a particular issue.

Please calculate your ad cost based on number and formatting of words, and enclose a check along with your copy (call for assistance). *Green Scene* will bill any difference or credit upon publication of your advertisement. If your new ad arrives very close to deadline, we may deposit your check until ad is scheduled. If we can't schedule your ad, your check will be returned.

Make checks payable to the Pennsylvania Horticultural Society.

Send all advertising correspondence to:

Daniel Moise, *Green Scene*  
The Pennsylvania Horticultural Society,  
100 N. 20th Street, 5th Floor,  
Philadelphia, PA 19103-1495.

If you have any questions, please call 215-988-8871.

**HARDSCAPING**

**HERITAGE STONE & MARBLE**  
We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways,  
COBBLESTONE-edging and paving,  
STONE walls, RETAINING walls, MARBLE,  
GRANITE-floors, walls, countertops.

215-699-5611 Upper Gwynedd, PA

**PATIOS & WALKWAYS**

Flagstone - Pavers - Brick  
Robert J. Kleinberg  
Landscape Design & Construction  
610-259-6106  
See our work online  
100's of pictures at  
[WWW.KLEINBERG.COM](http://WWW.KLEINBERG.COM)

**David Brothers Landscape Services Bean Road Nursery**

Architects, Builders and Nurserymen  
Providing the Fine Art of Garden Construction and Landscape Restoration  
215-247-2992 610-584-1550  
[www.davidbrothers.com](http://www.davidbrothers.com)

**DONALD PELL INC. GARDENS**

Design-Masonry-Landscape  
Please review our updated portfolio at  
[www.donaldpell.com](http://www.donaldpell.com)  
610-917-1385

**Legacy Landscapes**  
Planting the Future of PHS



Legacy Landscapes is a \$12.1 million campaign to establish an endowment fund to support the horticultural maintenance of civic and neighborhood landscape projects of the Pennsylvania Horticultural Society. For more information please contact the PHS Development office at 215-988-8800 or visit [pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org).



**The Pennsylvania Horticultural Society**

**LINDA CORSON  
LANDSCAPE DESIGN**

- Consulting
- Plans
- Supervision

Registered Landscape Architect  
Member ASLA 215-247-5619

**MULCH**

**BALED PINE NEEDLE MULCH**

Pick up/Delivery/Spreading service  
Cedar Run Landscapes  
Call for brochure  
1-800-LANDSCAPE  
[www.CedarRunLandscapes.com](http://www.CedarRunLandscapes.com)

**Flowers and More, Inc.**

Garden Design, Installation & Maintenance  
PINE-NEEDLE MULCH  
Wholesale and Retail  
[renee52@comcast.net](mailto:renee52@comcast.net)

**NURSERIES**

**RARE & UNUSUAL PLANTS**

- Specimen plants • Pond plants • Bonsai
- Orchids • Hardy cacti • Tropicals
- Sculptured trees and shrubs • Perennials
- Unique Flower and gift shop.

**MUTSCHLERS' FLORIST & RARE PLANTS**  
1-800-242-9438  
[www.mutschlers.com](http://www.mutschlers.com)

**Triple Oaks Nursery & Herb Garden**

- Great Plants • Display Gardens • Programs•
- Franklinville, New Jersey  
[www.tripleoaks.com](http://www.tripleoaks.com)  
856-694-4272  
[greatplants@tripleoaks.com](mailto:greatplants@tripleoaks.com)

**OUTDOOR LIGHTING**

**Botanical Lighting**

Specializing in tasteful  
architectural and landscape lighting.

Please view our on-line gallery:  
[botanicallighting.com](http://botanicallighting.com)  
or call: 610-519-1212

Serving: Pennsylvania • New Jersey • Boston  
Maryland • Washington DC

**PICTURE FRAMING**

**Frames and Company**

We've been framing for 36 years  
and can make any artwork blossom!  
Our design/framers and archival materials  
will guarantee a perennial favorite.

Our photo frames will put  
your friends in the best light,  
and we have mirrors to  
reflect your good taste.

10% off for PHS members.

3723 West Chester Pike, Newtown Square  
Under the Green & White Awning  
610.356.8122  
[www.framesandcompany.com](http://www.framesandcompany.com)

**TREES**

Giant Colorado Blue Spruce  
20' American Holly – Red & Yellow Berried  
Sustainably Grown Tree Fruit & Berries in  
Season  
Indian Orchards  
24 Copes Lane, Media, 610-565-8387

**Tree Transfers Inc.**

Large Tree Transplanting and Sales  
Large Screening & Specimen Plant Material  
Garden Restoration, Ponds  
Waterfalls & Patios  
215-635-2310  
Serving the Delaware Valley since 1987



Statement of Ownership Management and Circulation  
(Act of October 23, 1962; Section 4369. Title 39, United States  
Code)

1. Date of Filing: September 10, 2008. 2. Title of  
Publication: Green Scene 3. Frequency of issue: bimonthly.  
4-5. Location of Known Office of Publication and  
Headquarters: 100 N. 20th Street, 5th floor, Philadelphia, PA  
19103-1495; 6. Names and Addresses of Publisher and  
Editor: Publisher – The Pennsylvania Horticultural Society,  
Philadelphia, PA 19103-1495; Editor: Pete Prown, 100 N. 20th  
Street, 5th floor, Philadelphia, PA 19103-1495. 7. Owner: The  
Pennsylvania Horticultural Society, Philadelphia, PA 19103-  
1495. 8. Known bondholders, mortgages, and other security  
holders holding one percent or more of total amount of  
bonds, mortgages, or other securities: None. 9. Extent and  
Nature of Circulation:

	Average No. Copies Each Issue Preceding 12 Months	Single Issue Single Issue During Nearest Filing Date
A. Total No. Copies Printed (net press run)	11,325	11,750
B. Paid Circulation:	40	40
1. Sales through dealers and carriers, street vendors and counter sales		
2. Mail subscription	11,025	11,450
C. Total Paid Circulation	11,065	11,490
D. Free Distribution by mail, carrier, or other means, samples, complimentary, and other free copies		
E. Free Distribution outside the mail (carriers or other means)	110	110
F. Total Free Distribution (sum of D and E)	110	110
G: Total Distribution (sum of C and F)	11,175	11,600
H. Copies not distributed:		
1. Office use, left over, unaccounted, spoiled after printing	150	150
2. Return from news agents	0	0
Total (sum of G, H1 and H2)	11,325	11,750
Percent Paid and/or Requested (C divided by G times 100)	99.0%	99.1%

I certify that the statements made by me above are correct  
and complete.  
Pete Prown, Editor

# From Vacant Lot to **NEIGHBORHOOD PARK**

## PHS HELPS CREATE A NEW GREEN OASIS

By Jane Carroll

**A**t a ribbon-cutting ceremony last October, Philadelphia unveiled its first new park in decades. Located at 22nd and Montrose streets in South Philadelphia, the new park pays tribute to a leading Philadelphian and marks an exciting intersection of two major initiatives of Philadelphia Green, PHS's urban greening program.

### **JULIAN ABELE**

**PARK** is named for the first African-American graduate of the architecture program of the University of Pennsylvania. During his remarkable career, Abele (1881-1950) was the main designer for the Free Library of Philadelphia and worked on the designs of the Philadelphia Museum of Art; Girard Trust at Broad and Chestnut streets (now the Ritz-Carlton hotel); and the main campus of Duke University in North Carolina. Abele's son, Julian Abele II of Ocala, Florida, was a special guest at the ribbon-cutting ceremony.

Discussions began about five years ago to transform what had long been a vacant lot into a much-needed new green space for South Philadelphia. The lot had previously been cleared of debris and "stabilized," and was being maintained as part of Philadelphia Green's **VACANT LAND MANAGEMENT**

**PROJECT**. Stabilization of vacant lots—removing debris and installing grass, trees, and fencing—is meant as a temporary solution until new uses for the land can be found.

"It's gratifying to see one of these sites turned into a permanent green space for a community that lacks easy access to the city's larger

parks," says Philadelphia Green director Bob Grossmann, who manages the Vacant Land Management Project.

Philadelphia Green staff member C. R. Robinson worked with neighborhood residents for two years and helped them organize a volunteer group, the Friends of Julian Abele Park. The group is

committed to helping maintain the park and will participate in Philadelphia Green's citywide parks network, the **PARKS REVITALIZATION PROJECT**, a partnership with the city and more than 100 neighborhood parks.

The Community Design Collaborative, a volunteer-based group that provides pro bono design services to non-profit organizations, created an initial design for Abele Park. Philadelphia Green landscape architects

then made design revisions and created a master plan. Ownership of the site was turned over to the city's Department of Recreation.

Darlene Branch Smith, who has lived a block from the site for the last 30 years, sums up the reaction of neighborhood residents. "There were no green spots where you could just sit and look and think. There was just building, building, building," she says. "This park is going to be beautiful."

Adds Philadelphia Green senior director Joan Reilly, "This is an example of a neighborhood liability that has been turned into a treasured neighborhood asset by dedicated people working in partnership."

The \$100,000 funding for the first phase of the park was provided by the City of Philadelphia, the William Penn Foundation, and Citizens Bank. 🌿



**"[Before now], there were no green spots where you could just sit and look and think. This park is going to be beautiful."**

—resident Darlene Branch Smith



# BURKE

## BROTHERS

Landscape Design / Build  
215.887.1773



Find us  
in *your* backyard.

**burkebrothers.com**

## AT MEDFORD LEAS NATURE'S RIGHT OUTSIDE YOUR DOOR!

- WIDE CHOICE OF GARDEN-STYLE HOME DESIGNS
- BEAUTIFUL ARBORETUM SETTINGS ON TWO CAMPUSES
- IDEAL LOCATIONS FOR CULTURE AND RECREATION
- SUPERIOR HEALTH AND WELLNESS SERVICES

- HOME OF THE LEWIS W. BARTON ARBORETUM AND NATURE PRESERVE
- MEMBER, GREATER PHILADELPHIA GARDENS



MEDFORD LEAS

*A nationally accredited, Quaker-related, not-for-profit community for those age 55+, with campuses in Medford and Lumberton, NJ*

**WWW.MEDFORDLEAS.ORG**  
**800.331.4302 • 609-654-3000**



Your life is an exciting  
adventure story.  
Let us help write the  
next chapter.



Success doesn't come easy and you've worked hard for what you have. At PNC, we understand the wealth you've earned isn't an end in itself. It's simply a way to help you take on your next challenge. That's why our highest priority is to thoroughly understand your situation. And help guide you on your journey ahead.

Call (888) 762-6226 or visit [pnc.com](http://pnc.com).



Trust & Estate | Wealth & Retirement Planning | Investment Management | Private Banking Services

The PNC Financial Services Group, Inc. ("PNC") provides investment and wealth management, fiduciary services, FDIC-insured banking products and services and lending and borrowing of funds through its subsidiaries, PNC Bank, National Association and PNC Bank, Delaware, which are **Members FDIC**. PNC does not provide legal, tax or accounting advice. ©2007 The PNC Financial Services Group, Inc. All rights reserved. Investments: Not FDIC Insured. No Bank Guarantee. May Lose Value.

MARCH-APRIL 2009 • \$5.00

# GREEN scene

*Bella Italia*

**Special Philadelphia Flower Show Edition**



THE PENNSYLVANIA HORTICULTURAL SOCIETY

*Longwood Gardens*  
*Come to Life.*  
Come to Longwood.



This year discover the Buds and the Bees during “Pollination and the Secret Life of Plants”. Changing seasonal exhibits spotlight the sights, sounds and science of pollination.

***Coming Soon:***

International Orchid Show and Sale, March 27–29

Wine and Jazz Festival, May 2

[www.longwoodgardens.org](http://www.longwoodgardens.org) • 610.388.1000

Longwood Gardens, MARCH 27-29, 2009  
international ORCHID

## SHOW AND SALE

IN COLLABORATION WITH: SOUTHEASTERN PENNSYLVANIA ORCHID SOCIETY

WWW.SEPOS.ORG

TALKS, TOURS AND SPECIAL  
EXHIBITS THROUGHOUT  
THE WEEKEND

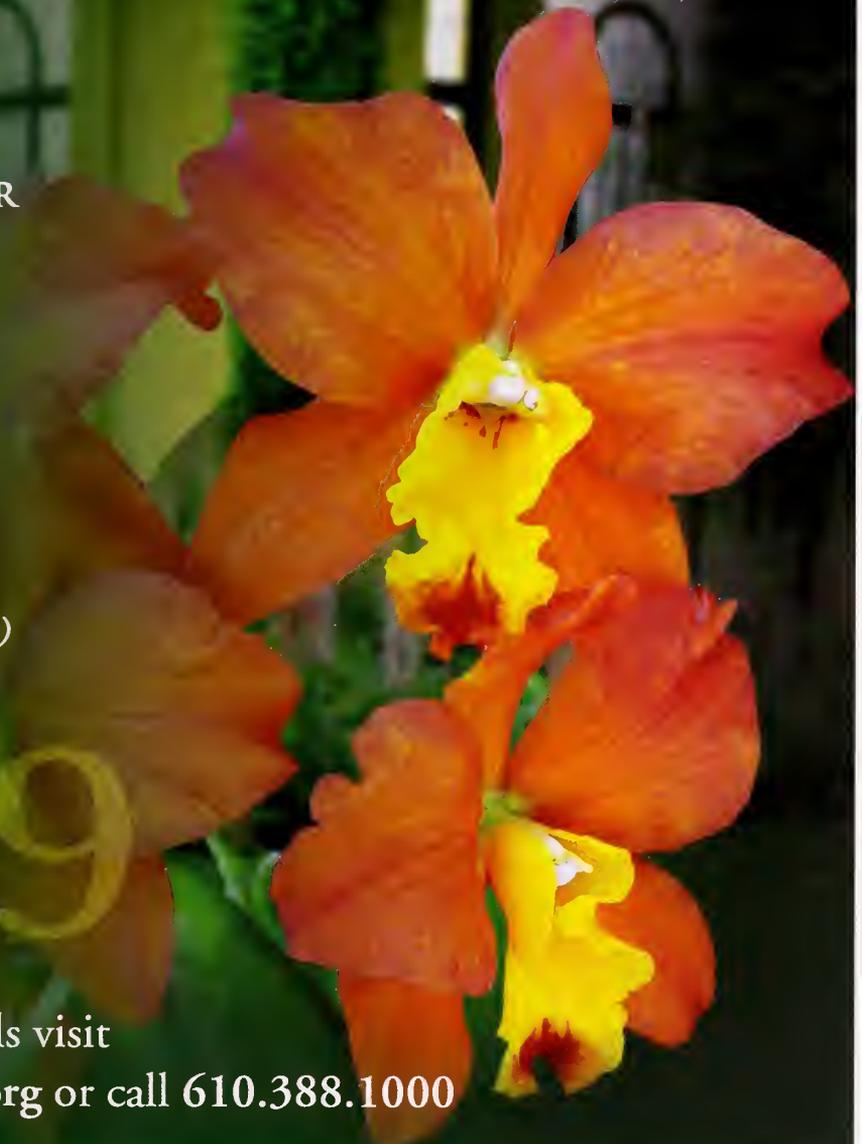
SALE FEATURING POPULAR  
AND RARE ORCHIDS

AOS JUDGED SHOW

DINNER AND DANCING  
AMONG THE ORCHIDS  
MARCH 28 (*reservations required*)

2009

For all the beautiful details visit  
[www.longwoodgardens.org](http://www.longwoodgardens.org) or call 610.388.1000



# Cathedral Village



*When Friends and Family Ask,  
“What do You do For Fun?”*

*We tell them we enjoy . . .*

- ◆ The Village College . . . where courses are taught by our own Resident Professors . . . and there are no tests to take!
- ◆ Swimming at sunrise . . . during the day . . . and even in the winter when it's snowing!
- ◆ The camaraderie of friends while exercising in the Health Club or doing Tai Chi and Yoga.
- ◆ Singing in our new Village Chorus which recently performed at the Arden Theatre.
- ◆ Having our own Greenhouse for personal use year-round along with interesting and fun-filled seminars given each week by professional horticulturists.
- ◆ Having a wonderful, light-filled Art Studio for self-expression, as well as art classes in a variety of media.
- ◆ Molding clay into works of art in the Pottery Studio where classes are also held.
- ◆ Attending Concerts, including those that are presented by our own Professional Resident Musicians right here at the Village.
- ◆ Having a great deal of fun participating in or attending Play Reading performances.
- ◆ Putting around on our Professional Green for fun as well as competition.
- ◆ Many Bridge tournaments, Scrabble competitions, and parties for all occasions.
- ◆ Taking the Cathedral Village bus to Center City for the Orchestra, Theater and Ballet, and for day trips to museums, flower shows and other places of interest.
- ◆ Joining Resident Committees and enjoying each other's company while volunteering in the Library, Gift Shop and other areas of the Village where our help benefits others.

Woven into this truly enjoyable lifestyle are new friendships with kindred spirits!

*~ Come for a visit and discover even more! ~*

Visit Monday through Friday between 9AM and 3PM.  
Appointments are needed for weekends and holidays.

600 East Cathedral Road • Philadelphia, PA 19128

[www.cathedralvillage.com](http://www.cathedralvillage.com)

(215) 984-8621



Cathedral Village is a Nonprofit  
Nondenominational Continuing Care  
Retirement Community



Accredited Since 1984  
Affiliated With the Jefferson Health  
System Since 1986

# CONTENTS

Editor  
Pete Prown

Senior Editor  
Jane Carroll

Associate Editor  
Daniel Moise

Staff Photographer  
Margaret Funderburg

Art Design  
Baxendells' Graphic

Printer  
ALCOM Printing Group, Inc.



The Pennsylvania  
Horticultural Society

Website  
[pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org)

100 N. 20th St.  
Philadelphia, PA 19103-1495  
215-988-8800

Chair  
John K. Ball

President  
Jane G. Pepper

Executive Vice President  
J. Blaine Bonham, Jr.

PHS Membership Information  
Linda Davis, 215-988-8776

Display Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Classified Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Garden Q & A Phone Line  
215-988-8777, Monday through Friday,  
9:30 to 12 [closed in December]  
[askgardener@pennhort.org](mailto:askgardener@pennhort.org)

GREEN SCENE (USPS 955580).

Volume 37, No.2, is published bi-monthly  
(January, March, May, July, September, November)

by the Pennsylvania Horticultural  
Society, a nonprofit member organization at

100 N. 20th St., Philadelphia, PA 19103-1495.

Single Copy: \$5.00 (plus \$2.00 shipping).

Second-class postage paid at

Philadelphia, PA 19103.

POSTMASTER: Send address change to GREEN SCENE,

100 N. 20th St., Philadelphia, PA 19103.

© 2009 Pennsylvania Horticultural Society



# GREEN scene



## FEATURES

### Your Special Flower Show Preview....16

Come enjoy the gardens and enchantment of Italy at *Bella Italia*. Here, Daniel Moise gives you an early tour of the fabulous sights, scents, and sounds you'll encounter at the 2009 Philadelphia Flower Show.

### A Backyard Italian Garden .....22

Join Rob Cardillo on a tour of the Philly garden of a true Italian native. In Mr. Scicchitano's caring hands, this small patch of earth produces a cornucopia of ripe peaches, figs, tomatoes, peppers, and beans each year. It's a horticultural marvel, straight from the Old Country.

### The Plants of Mrs. Wister .....32

At each Flower Show, visitors are treated to stunning plants from Diana Wister. Grown under the care of gardener John Christie, her plants are perennial favorites at the Show. Join Betsie Blodgett for a trip to Mrs. Wister's greenhouses deep in Chester County.

### Flower Arranging *à la Italia*.....40

Jane Godshalk shows us a variety of floral design techniques that reflect the Flower Show theme of *Bella Italia*.

## COLUMNS

The Potting Shed.....10

The Multi-Purpose Garden.....46  
*Sharing the Wealth*

The Backyard.....50

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover image: V. Helevachuk



Ask a group of globe-trotters to name their favorite destinations, and many travelers are bound to mention Italy. It certainly is on my list. Few lands stir the heart and soul like this enchanting country.

This is why we chose *Bella Italia* as the theme of the 2009 Philadelphia Flower Show. Italy's natural and cultural landscapes offer a thousand stunning sights and experiences and have been captured in countless paintings, poems, novels, and films. Now our brilliant Flower Show exhibitors have the chance to translate the diverse regions and aspects of Italy into extraordinary gardens and floral designs. Some of them journeyed to the Mediterranean jewel over the summer for ideas and inspiration. In March, they will bring the joys of Italy to the Philadelphia Flower Show.

J. Cugliotta Landscape Nursery, a standard-bearer at the Flower Show for many years, will welcome guests with a majestic rendition of an Ancient Roman garden. Vivid roses, ageratum, and delphinium will fill urns and imperial columns. Wisteria, cypress, and olive trees will rise above boxwood walls, and fountains and sculptures will punctuate the formal design. A tiered stage at the rear of this horticultural palace will host operatic and traditional Italian musical performers.

And that's just the beginning of the Show.

Surrounding displays will transport you to a Venetian canal, an orchid-filled hotel on the Riviera, a Tuscan courtyard, a rocky view of the Alps, an artful garden in Florence, and a high-fashion boutique in Milan.

Italian fashion will have a big presence in *Bella Italia*. Garden clubs and individuals will create *haute couture* shoes, handbags, and jewelry—all from pressed plants—in the Competitive Classes. Talented students from Moore College of Art have drawn inspiration from famous Italian artworks and architecture to create dresses, which, in turn, will be trans-

lated into floral arrangements by exhibitors.

And as you stroll past the gardens picking up tips for your back yard or porch and planning your next "green" ensemble, save time for some unprecedented shopping opportunities at the Show.

For the first time, the Flower Show will have a wine shop, operated by the Pennsylvania Liquor Control Board, selling hundreds of Italian wines. It will even offer free tastings to help you choose the right one!

Craftsmen and merchants from Italy will offer their renowned products and foods in an Italian Piazza in the Main Concourse just off the Show floor (near the entrance) and in the Grand Hall. That's in addition to our

wonderful Marketplace, where you can find anything you need for your garden and home.

As always, the Flower Show offers a full schedule of lectures and demonstrations by celebrated speakers on a wide array of horticultural topics, a "Gardener's Studio" with demonstrations and tips throughout

the day right on the Show Floor, and free live cooking demonstrations by local celebrity chefs.

Our corps of volunteers help to create new Flower Show attractions and assist Show visitors in finding their way around exhibit hall. These remarkable people—some 3,500 strong—help plan displays, assist in judging, water plants, and take on a thousand other responsibilities. And according to them, they receive in return one of the most enjoyable experiences of their lives. If you'd like to join this loyal band, please contact our volunteer program manager, Susan Strawbridge, at 215-988-8876 or [ssrawbridge@pennhort.org](mailto:ssrawbridge@pennhort.org).



In these tough economic times, we are all the more grateful to those who purchase a Show ticket, which benefits our many outstanding greening programs. We are also grateful to our sponsors, including our Presenting Sponsor of the Show for 18 years, PNC Bank. Many thanks also to Premier Sponsor Subaru of America Inc.; Official Sponsors Acme Markets, Bartlett Tree Experts, EP Henry (Official Hardscaping Supplier), Italian Government Tourist Board, Mantis, PECO, Philadelphia International Airport, Tourism Ireland; Media Partners WPVI-TV 6ABC; and caterer ARAMARK.

So, please bring your friends and family to *Bella Italia*. This year's entertainment, gardens, and educational opportunities promise a memorable experience for every guest and every family. Thank you for your support of PHS.

Jane G. Pepper  
PHS President

### MEMBERS' PREVIEW AT THE FLOWER SHOW

The PHS Members' Preview will be held on Saturday, February 28, from 12 noon to 3:30 pm.

**Household or Leadership level** members may use their Flower

Show tickets (red tickets) to attend either the Members'

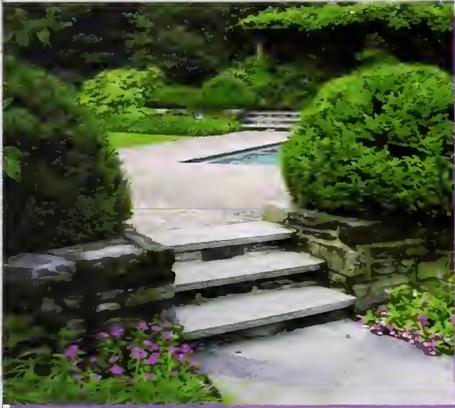
Preview or any day during public hours. **Subscriber or**

**Associate** members may upgrade their membership to attend the Members' Preview.

Contact Member Services at [memserv@pennhort.org](mailto:memserv@pennhort.org) or

215-988-8776 or 215-988-8832.

# ROBERT MONTGOMERY LANDSCAPES



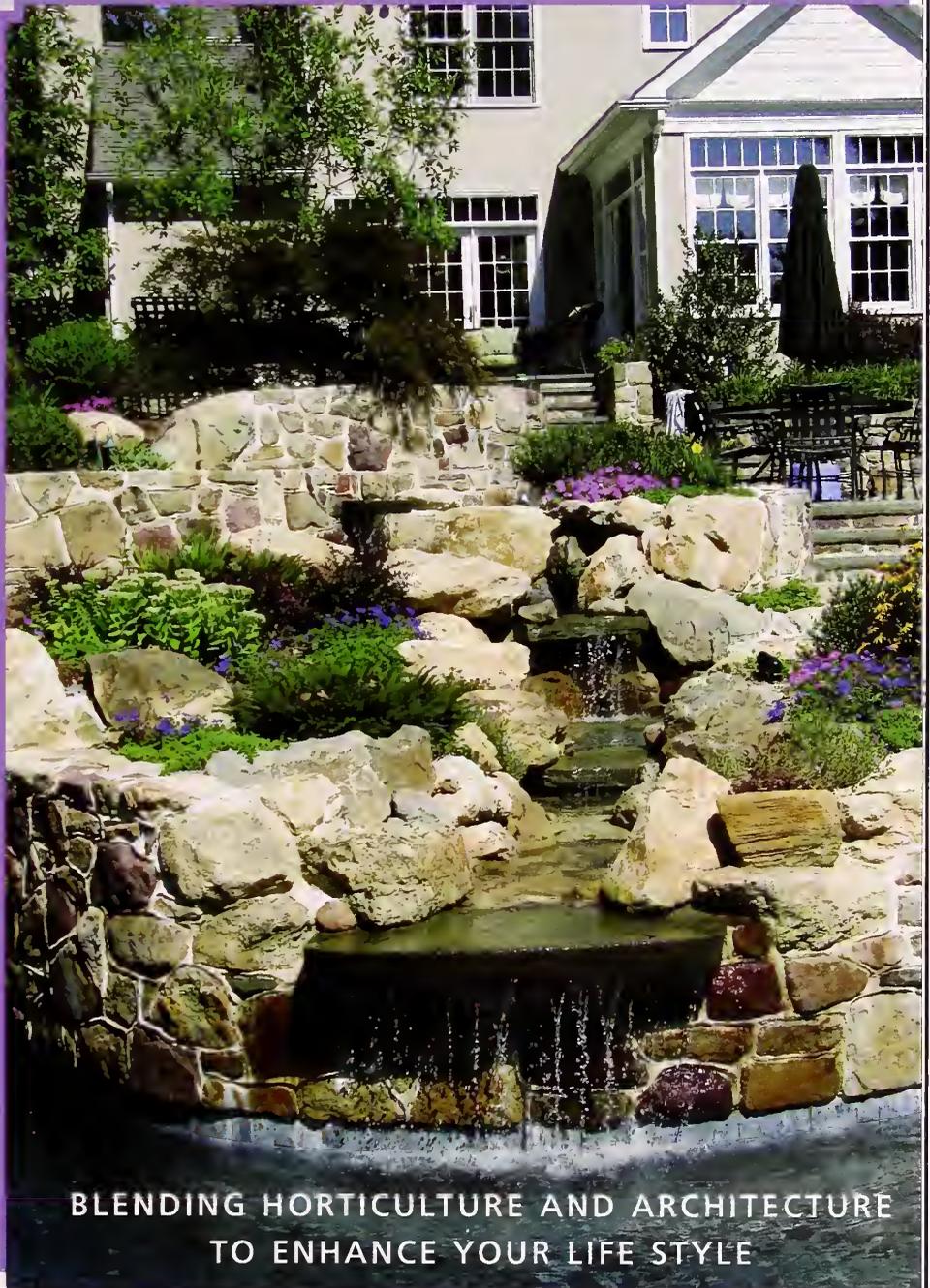
Recognized Excellence in  
**Landscape Design  
& Contracting**

*B*eautiful homes and gardens are the expression of imaginative and functional design concepts, not merely good intentions. Our award-winning designers and professional craftsmen work closely with each individual to bring out the fullest potential of every property. Our staff is trained to attend to the smallest detail, from placement of a perennial in a flower border to that graceful curve of a rock wall or terrace.

A leader in the successful design and management of large residential landscape projects in the Delaware Valley, Robert Montgomery Landscapes, Inc. assures that your property's fullest potential is realized.



545 East Uwchlan Avenue  
Chester Springs, Pennsylvania 19425  
610.594.1810  
[www.robertmontgomerylandscapes.com](http://www.robertmontgomerylandscapes.com)

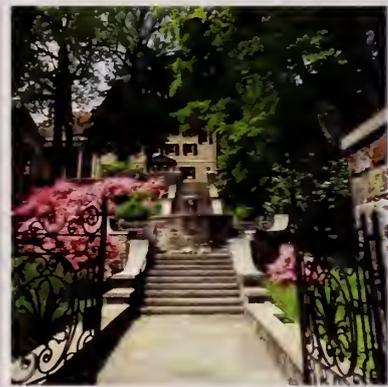


**BLENDING HORTICULTURE AND ARCHITECTURE  
TO ENHANCE YOUR LIFE STYLE**

# TWICE · AS · NICE

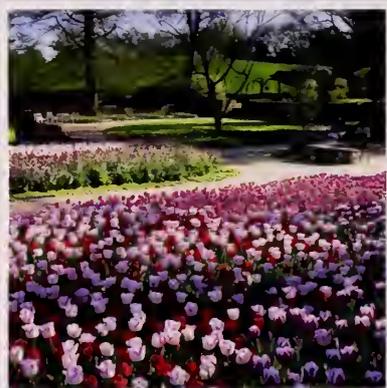


TWO GLORIOUS  
DU PONT  
GARDENS  
*for*  
ONE GREAT PRICE



*Longwood Gardens*

Route 1, Kennett Square, PA  
610.388.1000



WINTERTHUR



Route 52, Winterthur, DE  
302.888.4600

BE ENCHANTED BY THESE GRAND DU PONT GARDENS, NESTLED IN THE HISTORIC BRANDYWINE VALLEY.

BE DELIGHTED BY LONGWOOD'S UNPARALLELED BEAUTY AND OPULENT CONSERVATORIES.

BE INSPIRED BY WINTERTHUR'S MAJESTIC LANDSCAPES AND STUNNING MANSION INTERIORS.

For more information, visit [winterthur.org](http://winterthur.org) or [longwoodgardens.org](http://longwoodgardens.org)

**SPECIAL OFFER \$20 MARCH 1–APRIL 30, 2009**

# NATURESCAPES™

*Designing with the Future in Mind*

## 610-640-0164

*Serving The Main Line For Over 30 Years*



### *We Design & Install:*

- Naturalistic, Low Maintenance Landscapes
- Gardens With Year Round Interest
- Perennial Gardens
- Ponds & Waterfalls
- Patios
- Pathways, Walkways & Steps
- Retaining Walls
- Outdoor Lighting



[www.naturescapes-pa.com](http://www.naturescapes-pa.com)

## BEYOND BORDERS



## RECYCLED STEEL Garden Sculptures



COME SEE US AT THE  
Philadelphia Garden Show  
March 1st-8th, Booth 317



[cactus@itscactus.com](mailto:cactus@itscactus.com)

831.998.8993

[www.itscactus.com](http://www.itscactus.com)



# Growing **ORCHIDS,** Family Style

By Simon Dayne





Walt, Bill and their mother, Elizabeth



Son David helping out a customer

Picture-perfect *Cattleya* 'Arom Gold'

When reflecting on the thousands of glorious orchids one sees at the Philadelphia Flower Show each year, it's hard not to think about Waldor Orchids, a well-known orchid grower that has had a presence at the Show since the 1930s. The company's crowd-pleasing Flower Show exhibit is a tradition begun by founder George Off and continued by his sons, current owners Walt and Bill Off. Recently, *Green Scene* visited Waldor's greenhouses in Linwood, New Jersey, to learn more about its legendary growing prowess.

Waldor Orchids has been at its present location, just west of Atlantic City, since 1952. The largest orchid grower in the Tri-state area, it sells 1,500 to 2,000 plants each week. While the in-house retail operation is popular among locals and avid orchid growers, the bulk of the business occurs between Tuesday and Friday when the company delivers shipments of perfectly groomed orchids to garden centers and select florists in and around Philadelphia, Wilmington, the Main Line, and up and down the Garden State Parkway. Embracing the electronic age, Waldor also sells divisions over the Internet.

Walt considers *Cattleya* orchids to be the Waldor specialty and he delights in taking guests around the showroom, which displays how the plants grow in nature. There are seven greenhouses in total, adding up to 18,000 square feet of glass. Yet of the hundreds of thousands of *Cattleya* cultivars and

hybrids Waldor grows, a few still rise to the top of the heap in Walt's eyes: "Some of my current favorites are 'Lemon Chiffon', 'Green Heart', 'Evelyn', and 'Malworth'. To me, this last one is *the* yellow orchid of the twenty-first century. And the *Oncidium* 'Sherry Baby' is still very popular because of its distinctive chocolate scent."

Recently Walt has noticed that magenta and mauve are rising in demand and thinks they will be the next popular bridal colors. Of course, no one can dethrone the white orchid, which Walt suspects will be a wedding favorite for decades to come. Besides weddings, Hanukkah, Christmas, and Valentine's Day generate a lot of business. However Walt notes that Mother's Day seems to be the busiest day of the year for orchid lovers.

### Family Business

Several decades ago, Walt's grandfather ran two of New Jersey's most happening hotels, the Strand and the Brighton. Walt's father assisted the family trade by supplying plants for the hotel lobbies, and it quickly became a business of its own.

## The Potting Shed



A greenhouse full of color

Today Walt continues his father's legacy. He is joined by his brother Bill, wife Debbie, and mother Elizabeth. (A violet-colored orchid is named 'Elizabeth Off' as a tribute to the family matriarch.) Two of Walt and Debbie's three children, David and Amy, also work at Waldor. The third child, Robin, is a full-time teacher, but she always helps out during the summer recess.

At this time it is uncertain if any of Walt's eight grandchildren will become the fourth generation of Waldor Orchids. Since most of them are part of the elementary school set, it seems unfair to impose career expectations just yet.

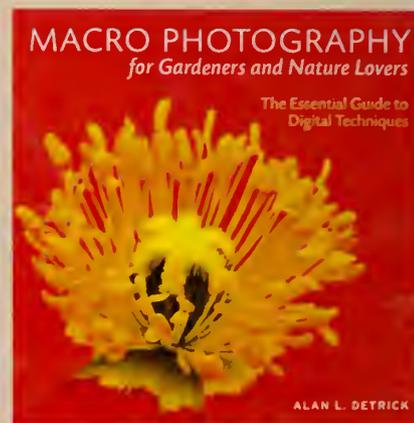
### Back to the Flower Show

Walt remembers attending the Flower Show as a child more than 50 years ago and now delights in creating exhibits of his own. "It's the most fun we have all year," he says. For 2009's *Bella Italia*, Walt and his team have spent months planning a lush, luxurious exhibit. Although the design is a closely guarded secret, Walt reveals that the Italian Riviera—bursting with bright reds and yellows—is his muse this time around.

When asked, "Are there orchids in Italy?" Walt responds with a grin, "There *will be*." 🌿

Waldor Orchids is open for retail sales on Fridays and Saturdays from 9 am to 5:30 pm. It is located at 10 E. Poplar Avenue in Linwood, NJ. For more information, call 609-927-4126 or visit [waldor.com](http://waldor.com).

## The Gardener's Bookshelf



### Macro Photography for Gardeners & Nature Lovers

By Alan L. Detrick (Timber Press, 176 pp., \$24.95)

The sharp, vivid garden photographs of Alan Detrick are familiar to readers of *Green Scene*, as he's been shooting for the magazine for years. Among his many areas of expertise, Alan is a master at "macro photography"—those mouthwatering close-ups of flowers, leaves, insects, and other natural elements. He shares his techniques in his attractive new book, *Macro*, which combines large color images with easy-to-understand information on how to shoot great close-ups. Says Alan, "Macro or close-up photography is intimidating to many photographers. While there are a number of good books on the subject, I thought that a more user-friendly approach was possible. I made sure to include information about shooting in the new digital world, too."

Edited by Detrick's wife and business partner, Linda, the book also includes sidebars with helpful information on certain points; case studies explaining Detrick's approaches to different images; and captions that include much more than just f-stops, shutter speeds, lenses, and cameras. "Hopefully," Alan says, "those photographers who previously shied away from attempting to capture any macro images will have a better understanding of this subject and be encouraged to enter deeper into the magical world of macro shooting."

### Orchid Show Coming to Longwood

To further fuel your orchid passions, visit the International Orchid Show at Longwood Gardens from March 28 through 30. Staged by the Southeastern Pennsylvania Orchid Society, the show will include thousands of orchids displayed by individuals, societies and growers from several countries. Visit [longwoodgardens.com](http://longwoodgardens.com) for more information.

# The Arboretum of the Barnes Foundation

## 8th Annual Plant Sale and Garden Tour

Saturday, May 2, 2009  
10:00 a.m. to 3:00 p.m. Rain or Shine

### HIGHLIGHTS INCLUDE:

- ❖ Heirloom specimens propagated from Laura Barnes's own collection
- ❖ Exquisite and unusual tropicals
- ❖ Extensive selection of annuals, perennials and herbs
- ❖ Unusual varieties of orchids and ferns
- ❖ Free garden tours of the Arboretum throughout the day.

Barnes Members receive 10% discount.

Come find out about the Arboretum school's horticultural programs and summer workshops.



For more information please call 610-667-0290 ext. 1071

**Arboretum House, 57 Lapsley Lane, Merion, PA 19066**  
Adjacent to the Barnes Art Gallery. Please enter Lapsley Lane from City Avenue.

*The Destination for every outdoor room, garden and home decor need! Over 5,000 items in our Gardens & Showroom!*



4 Union Hill Rd • West Conshohocken, PA 19428 • 610.825.5525  
Open year round, please call or visit our website for current store hours  
[www.gardenaccents.com](http://www.gardenaccents.com)

# ECOdesign

AND MANAGEMENT

## Open House & Landscape Demonstration

403 W. Lafayette St. West Chester

June 13, 2009

9:30 AM-8:30 PM

### SCHEDULE INCLUDES

Creating a Backyard Habitat  
Mixed Shrub and Tree Screening

Ornamental Pond Design  
Elegant and Worry-free

Vegetable Gardening  
High Yield in a Small Space

Garden Lighting  
Low-voltage, Artful Designs

Twilight Celebration  
Watch Garden Lights Emerge

For more information go to:  
[www.ecodesignmanage.com](http://www.ecodesignmanage.com)  
please register for sessions in advance





THE GARDEN  
OF EDEN  
THE 20TH  
ANNIVERSARY  
OF ART BLOOMS  
AT THE WALTERS  
March 5-8, 2009

Sumptuous floral interpretations of the museum's world-renowned collection will transport you to a garden of earthly delight!

THUR., MAR. 5, 6-9 P.M.

PREVIEW PARTY (\$150)

FRI., MAR. 6, 10 A.M. LECTURE & FLORAL  
DEMONSTRATION by Ron Morgan (\$50)

FRI., MAR. 6, 12:30 p.m. WORKSHOP  
by Ron Morgan (limited to 25 people, \$125)

SUN., MAR. 8, 1 P.M. LECTURE  
by Tovoh Mortin (\$35)

Presented by the Women's Committee of the  
Walters Art Museum. For information or to  
purchase tickets, call 410-547-9000, ext. 305  
or visit [www.wamwc.org](http://www.wamwc.org).



The WALTERS  
ART MUSEUM

600 N. Charles St. | Baltimore, MD  
[www.thewalters.org](http://www.thewalters.org) | [www.wamwc.org](http://www.wamwc.org)

63RD ANNUAL  
COLONIAL WILLIAMSBURG GARDEN SYMPOSIUM



THE NATURAL  
RHYTHM OF  
GARDENING  
May 1, 2009

FEATURED SPEAKERS INCLUDE

Felder  
Rushing



David  
Howard



Colonial Williamsburg®  
1-800-603-0948  
[www.history.org/conted](http://www.history.org/conted)

COSPONSORED BY

Fine Gardening

AND



© 2008 The Colonial Williamsburg Foundation

10/08-5943204

Susan Frei Nathan  
FINE WORKS ON PAPER, LLC.

SPECIALIZING IN  
AMERICAN AND EUROPEAN  
CONTEMPORARY BOTANICAL ART



Karen Kluglein, *Peonies*.  
Watercolor on vellum, 2008

P.O. Box 285  
MILLBURN, NJ 07041

[WWW.SFNBOTANICALART.COM](http://WWW.SFNBOTANICALART.COM)  
TEL. 973.564.6411

Wholesale Dutch Bulbs



Narcissus Ice Follies #8201

Select from 800 Dutch flower bulb varieties for  
unmatched garden display and naturalized  
landscapes. Visit us at [www.vanengelen.com](http://www.vanengelen.com) for  
our 48-page price list and website specials.



Van Engelen

23 Tulip Drive • PO Box 638  
Bantam, CT 06750  
(860) 567-8734

[www.vanengelen.com](http://www.vanengelen.com)

PA20

Buy where the professionals buy.



You can spend the morning hiking the rugged Wicklow mountains, and the afternoon whiling away the hours gazing out on the lush gardens at Powerscourt.

Discover more at [discoverireland.com](http://discoverireland.com)  
or 800 SHAMROCK

Your very own Ireland



# Bella Italia!

Looking Ahead to the 2009 Philadelphia Flower Show

By Daniel Moise

Photos by Derek Fell; Illustrations by Bill Lance/GMR Designs





“We’re doing things a bit differently this year,” says Philadelphia Flower Show design director Sam Lemheney. “The central displays will be bigger than ever before. And this time, we’ve invited six long-time exhibitors to collaborate with us on what should be an incredible tour of Italy.”

All roads will lead to the display centerpiece, a dramatic interpretation of Rome, the “Eternal City.” To enter the Show, guests must first pass under towering arches that will evoke the storied Roman Coliseum. Giant urns will spill forth floral arrangements of pink, blue, and yellow. “We always aim to ‘wow’ people the moment they arrive,” Sam says, “and this



larger-than-life display is sure to do just that.”



Beyond the arches will be three billowing fountains set among delphiniums, roses, and a vigorous ornamental grass (technically, a sedge) in the *Carex* genus. Four formal gardens will surround the fountain, each with its own personality, but

all conjuring up images of the Roman Empire’s heyday (think toga parties long before the formation of college fraternities).

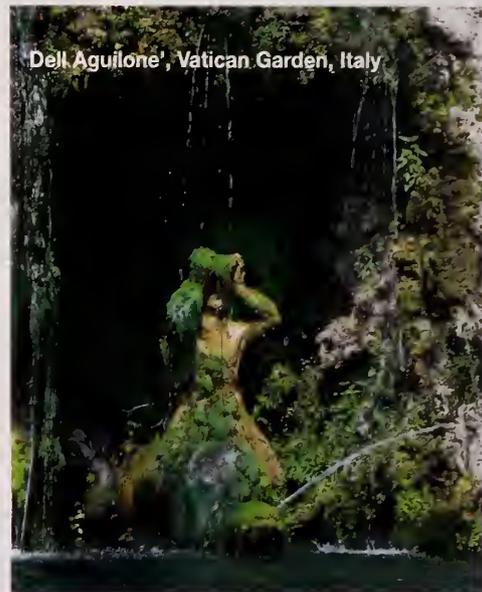
“Whether you’ve been to Italy before or it’s always been a dream of yours, you must see *Bella Italia*.”  
 —Sam Lemheney

“The garden rooms combine a formal setting with lush, lavish decadence,” says Sam. “Boxwoods and topiaries will form the perimeter, while cypress, tree wisteria, and agave provide that luxurious Mediterranean mood.”

Visitors eventually will find themselves near the Terrace Stage and its many gardens. This 25-foot-tall temple is flanked by deodar and Italian cedars. Sam says he will use pink and white bougainvillea—more than there has ever been at the Show—to add color:

“These incredible plants bloom naturally in the winter, so they are bound to look amazing.”

Under the watchful gaze of statues of Neptune, Apollo, Diana, and other mythical deities, the 360-degree Terrace Stage will present entertainment that reflects various facets of Italian culture. From the sweet strums of the mandolin to the rich, full timbre of a tenor, the music of the Italy will resonate throughout the Show. “This year I want the music to enhance the



Dell'Agulone', Vatican Garden, Italy



Villa d' Este, Vatican Garden, Italy

**PNC** presents  
 2009 PHILADELPHIA  
**FLOWER SHOW**  
 THE PENNSYLVANIA HORTICULTURAL SOCIETY

---

**BOUQUETS TO OUR SPONSORS**

Premier Sponsor

**SUBARU**

---

Official Sponsors

**ACME**

**BARTLETT TREE EXPERTS**

**EP HENRY**  
Official Supplier of Handicrafting

**ITALIA**  
Italian Government Tourist Board

**Mantis.com**

**PECO**

**PHL** PHILADELPHIA INTERNATIONAL AIRPORT

**Tourism Ireland**

---

Media Partner Catering

**6**  **ARAMARK**

## SHOW INFORMATION

### DATES

March 1–8, 2009

### LOCATION

Pennsylvania Convention Center  
12th & Arch Streets  
Philadelphia, PA

### THEME

*Bella Italia*

### FLOWER SHOW INFORMATION

215-988-8899 (recorded information)  
[www.theflowershow.com](http://www.theflowershow.com)

### HOURS

Sundays, March 1 & March 8, 8 am to 6 pm  
Monday–Friday, March 2–6, 10 am to 9:30 pm  
Saturday, March 7, 8 am to 9:30 pm

### ADMISSION

*Advance Tickets (good any day):*

#### Group (25+):

Adults \$21.50, children \$13 (ages 2–16)

#### Individual:

Adults \$22, children \$13 (ages 2–16)\*

#### Student:

\$17 (ages 17–24)\*\*

*Tickets at the Door/General Admission:*

#### Opening Day, Sunday, March 1

Adults \$28, Children \$13 (ages 2–16),  
Students \$17 (ages 17–24)\*\*

#### Monday–Friday, March 2–6

Adults \$24, Children \$13 (ages 2–16),  
Students \$17 (ages 17–24)\*\*

#### Saturday & Sunday, March 7 & 8

Adults \$26, Children \$13 (ages 2–16),  
Students \$17 (ages 17–24)\*\*

\*Sales Outlets: Individual adult and children tickets are available at [www.theflowershow.com](http://www.theflowershow.com) or at participating PNC Bank branches, AAA Mid-Atlantic, ACME Markets, Giant Food Stores, SEPTA ticket sales outlets, local garden centers, nurseries, florists and [www.ticketphiladelphia.org](http://www.ticketphiladelphia.org). Check availability with individual outlets; service charges may apply.

\*\*Student tickets are available at the Flower Show Box Office. Must present valid student ID and proof of age to receive student discount.

### FAMILY FUN PAK

SAVE \$5 to \$17 off individually priced tickets.  
Special price for 2 adults and 2 children (under 16): \$65. Includes BONUS free PHS membership of great gardening activities all year. Available at the Box Office or online at [www.theflowershow.com](http://www.theflowershow.com).



## Heat Shed, Inc. Solar Photovoltaic Systems Residences & Commercial Systems

P: 610-847-2064  
F: 610-847-2110  
[www.heatshed.com](http://www.heatshed.com)

Heat Shed, Inc.  
267 Rock Ridge Rd.  
Revere, PA 18953

**SUNPOWER**  
Premier Dealer

*Since 1977*

Philadelphia Flower Show Booth #335

## Studio & One-Bedroom Apartments Now Available.

*"My Pennswood studio apartment comes with the financial security of the Type A contract, 3 living rooms, 3 dining rooms, 2 pools, a fitness center with personal trainer, full-service health care, Wii™, library, theatre, game room, green houses, meadows, woods and a river."*



For details about our nationally acclaimed services, call Lisa Dutter at 215-504-1118.



1382 Newtown-Langhorne Rd  
Newtown, PA 18940  
215-504-1118 • 1-888-454-1118  
[www.pennswood.org](http://www.pennswood.org)

~ a retirement community for people over 65.



Our Quaker values show us our lives together are enriched through diversity – we welcome women and men of all races, colors, religions, national origins and sexual orientation.

Henry Martin, a retired magazine cartoonist, is a resident of Pennswood Village. Copyright 2008

## White Horse Village - A Gardener's Paradise



[www.whitehorsevillage.org](http://www.whitehorsevillage.org)



A retirement community located on 96 acres of gardens, meadows and woodlands adjacent to a state park, White Horse Village is truly paradise for nature lovers. We invite you to visit and stroll through our splendid gardens where residents have tagged and identified over 2500 species of trees and plantings! 535 Gradyville Rd in Edgmont Township. (610)558-5000



## Bella Italia

ambience of exploring the Show," Sam says. "The goal is to have people believe they're actually in Naples or Sicily."

Also on display will be floral scenes called Showcase Gardens that celebrate the country's many landscapes. "From north to south, Italy is a nation of great geographic diversity. Together our world-class exhibitors will create an unbelievable tour that doesn't require a passport," Sam says. The artistic wizards in this area will design floral and landscape tributes to such cities and regions as Milan (AIFD), Florence (Robertson's Flowers), Tuscany (Burke Brothers Landscaping), Venice (Jamie Rothstein Floral Decorators), the Italian Riviera (Waldor Orchids), and the scenic Lakes Region (Stoney Bank Nurseries).

In many ways this expanded, collaborative central attraction redefines the 180-year-old Flower Show. In the past, the main feature has occupied about 15,000 square feet; this year it is nearly double that size. But never fear—larger displays do not mean longer waits. "We redesigned and, in many ways, enhanced the layout to create more viewing areas," explains Sam. "Shutterbugs tend to snap hundreds of photos, so we want all the gardens to have multiple vistas, each more stunning than the one before."

For Sam, immersion is the key to making *Bella Italia* a Flower Show for the ages. He says, "Beyond the food, wine, music, and architecture, Italy is best known for romance. From what I've heard from the exhibitors, this year's gardens and floral displays will undoubtedly capture that dreamy, sweep-you-off-your-feet sensation. Whether you've been to Italy before or it's always been a dream of yours, you must see *Bella Italia*. And if you've never been to the Philadelphia Flower Show, or if it's been a year or two since your last visit, *this* will be one to ignite your love affair with the Show." 🍷

STONEY BANK NURSERIES PRESENTS  
 "The Lago Maggiore Le Isole Borromeo" The Island Gardens of Northern Italy  
 at the 2009 Philadelphia Flower Show

Our award winning designers are transforming landscapes...creating native, contemporary and romantic gardens where dreams are realized through horticultural craftsmanship and innovative design.



visit us online at [stoneybanknurseries.com](http://stoneybanknurseries.com) A Complete Design-Build Company

61 Stoney Bank Road | Glen Mills, PA 19342 | ph 610-459-5100 fx 610-459-5974

RESIDENTIAL LANDSCAPE 🌿 MASTER PLANNING 🌿 INSTALLATION 🌿 IRRIGATION DESIGN

*No Socks. No Shoes. No Worries.*



## **We Grow Beautiful Lawns. Naturally.**

Espoma's new All Natural Lawn Program helps prevent unsightly weeds from popping up in your lawn while it nourishes the grass so that it becomes more resistant to heat, drought and other stress. And because the products consist of 100% organic ingredients, they are safe for your family, your pets, and the environment.

[www.espoma.com](http://www.espoma.com)

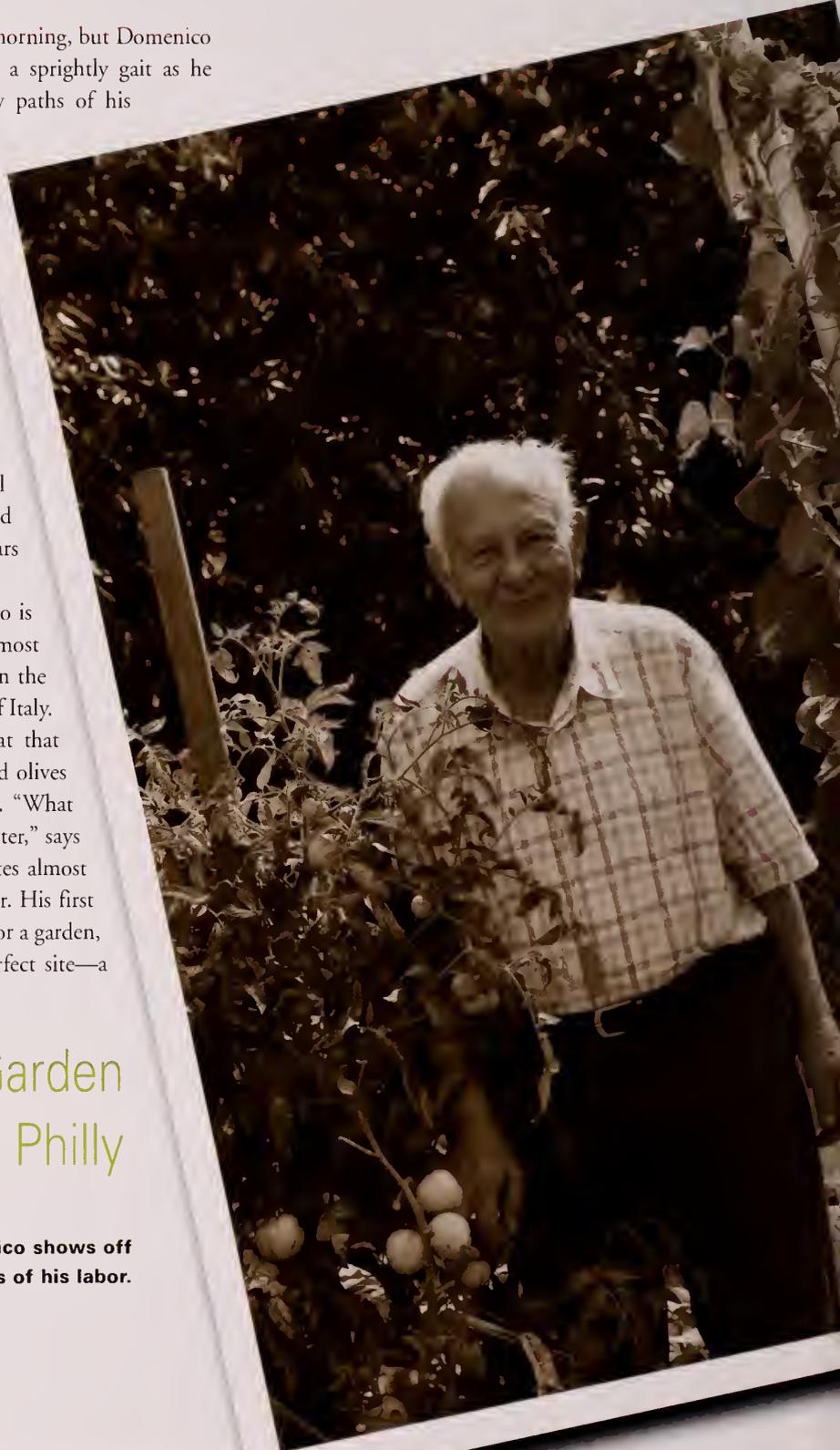
# Abbondanza!

It's a hot and sticky August morning, but Domenico Amedeo Scicchitano has a sprightly gait as he moves down the narrow paths of his backyard garden in the Bustleton area of Philadelphia's "Great Northeast." He stops now and then to pull off a lipstick-red pepper, tie up an errant tomato vine, or hunt for a few more green beans hidden in a dense mat of foliage. He's like so many other gardeners all over our city who gladly trade a little summer sweat for the freshest food on earth. But what makes Domenico different is that his "garden" is 7,500 square feet of intensively planted vegetables, all tended by himself using only simple hand tools. That and the fact that he'll be 90 years old this May.

Like many Italian immigrants, Domenico is no stranger to gardening. His father grew almost everything eaten by his family, who lived in the small town of Isca in the Calabrian region of Italy. Besides vegetables, the family raised wheat that they carried to the mill for their bread, and olives that were hand-picked and pressed for oil. "What we raised in the summer, we ate in the winter," says Domenico, who moved to the United States almost 50 years ago, plying his trade as a carpenter. His first home in South Philadelphia had no room for a garden, but his next one in Bustleton had the perfect site—a

## An Italian Garden Grows in Northeast Philly

**Domenico shows off the fruits of his labor.**





Story & photography  
by Rob Cardillo

Abbondanza!

Below: Friends and family gather in August to help celebrate the harvest.



spacious back yard with no high buildings or big trees to block the sun.

Domenico immediately began converting turf into raised beds using his “zappa”—a long-handled draw hoe that still remains his favorite tool. Every season the garden

expanded until it reached the property line on all sides. “Now it’s almost coming inside the house,” his daughter Gina laughs as she helps translate her dad’s stories. A few years ago, dwarf fruit trees were planted near the patio, and peaches, plums, pears, and persim-



**SHREINER**  
TREE CARE SPECIALISTS  
610-265-6004

## Are Your Trees Safe?



*Testing for decay in a tulip poplar.*

- *Trees close to your home require particular attention – safety pruning and regular examination for health and structural integrity.*
- *With this new testing method, our arborists can confirm a potential hazard, which will reduce the unnecessary removal of trees that otherwise could be saved.*

*Schedule your complimentary tree testing today.*

[www.shreinertreecare.com](http://www.shreinertreecare.com)

# NOT JUST ANY PLANT IS A PROVEN WINNER

*Lo & Behold™*  
*Blue Chip*

*Buddleia x 'Blue Chip' ppaf cbrf • LO & BEHOLD™ Mature Height: 24-30" Mature Width: 30" USDA Zones 5-9. Best in Full Sun*

While other plant brands may just repackage older varieties, Proven Winners® ColorChoice® plants are distinctive new varieties that make beautiful gardens easier. The professional horticulturists at Proven Winners carefully evaluate plants for qualities such as long-lasting color and easy care. We look for environmentally-friendly plants, too – varieties that don't need a lot of spraying or special care to look great year after year.

With its long bloom time and low-growing dwarf habit, Lo & Behold™ Blue Chip easily met our criteria. This dwarf buddleia blooms from mid-summer to frost without any deadheading or pruning. It's an environmentally friendly, non-invasive hybrid that attracts butterflies and hummingbirds. And since it's just 24-30" tall, even gardeners with tiny plots or container gardens can enjoy it.

Choosing the right plants is our job. Enjoying them is yours.

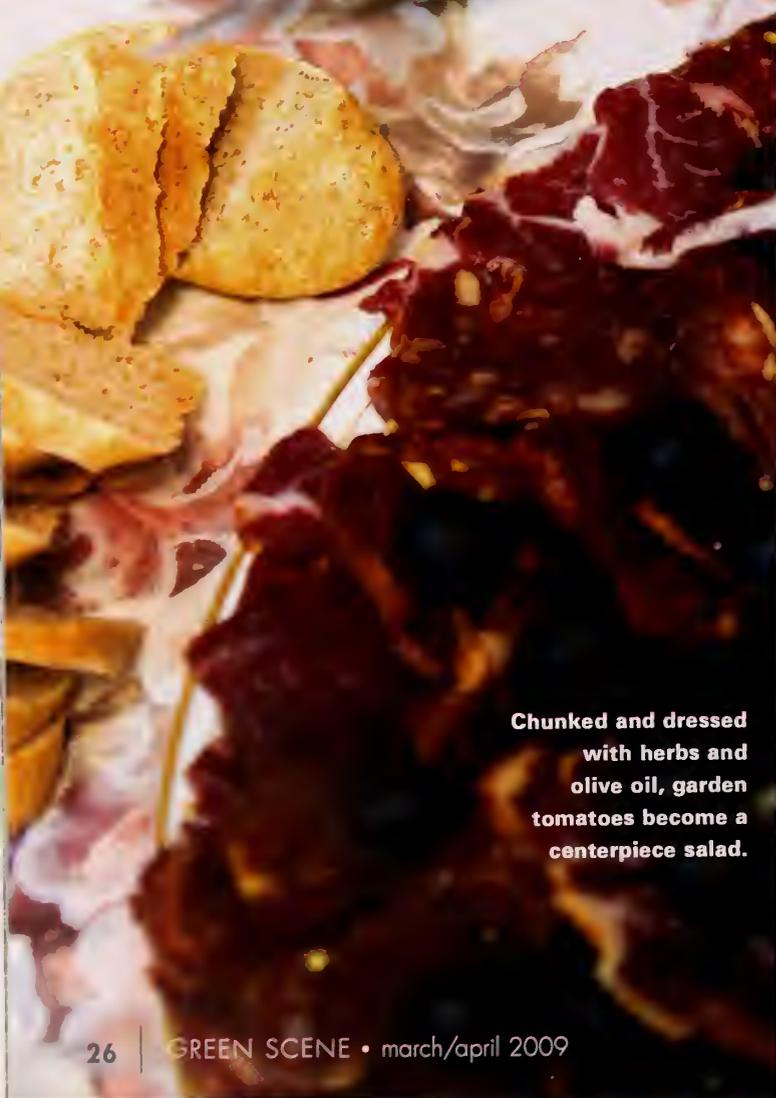
Find out more about Lo & Behold™ Blue Chip, including where to buy it, at [www.provenwinners.com](http://www.provenwinners.com)



*Look for Proven  
Winners in the  
white containers.*

**Easy to Grow,  
Incredibly Colorful**

**Abbondanza!**



**Chunked and dressed with herbs and olive oil, garden tomatoes become a centerpiece salad.**



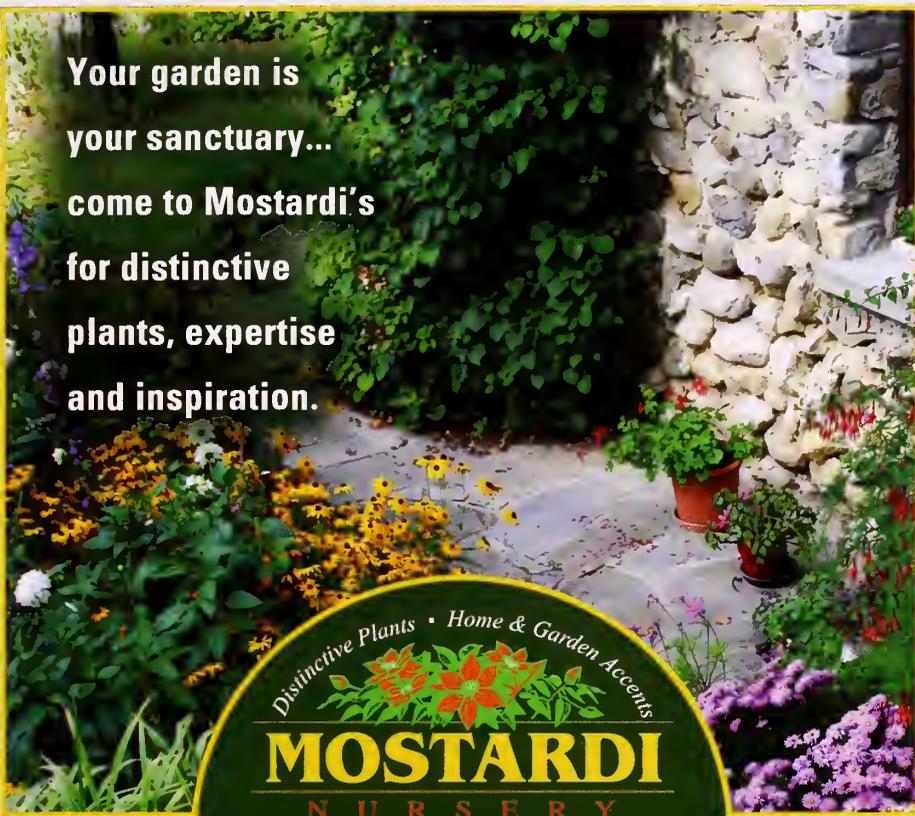
***Pomodori a ciliegina* (AKA cherry tomatoes) sweeten in the hot summer sun.**



Ornamentals  
are only  
found at the  
garden's  
entrance.  
Beyond this  
point, it's  
vegetable  
heaven.



Your garden is  
your sanctuary...  
come to Mostardi's  
for distinctive  
plants, expertise  
and inspiration.



Distinctive Plants • Home & Garden Accents  
**MOSTARDI**  
NURSERY

4033 West Chester Pike (Rte 3), Newtown Square, PA 19073  
610-356-8035 • www.mostardi.com

mons are now part of the summer harvest. A sweet grape vine sprawls over a small wooden arbor, and a fig tree is coddled through the winter by wrapping it with plastic and foam insulation.

The gardening year starts early for Domenico. He buys some plants as seedlings from local nurseries, but starts many plants like beans and zucchini directly from seed. One favorite heirloom is Savoia (or Savoy) cabbage—a wrinkly leafed, large-headed variety that he grows from mail-order seeds. Soil is turned over around the first of May, and this is when he adds a bit of 10-10-10 fertilizer and a little lime. Domenico swears that the lime helps the plants resist insects and even discourages the neighborhood squirrels. By the looks of the garden, you would think Domenico spends all day maintaining it, but he plants, weeds, stakes, and waters by himself for only an hour or two each morning. And everything is done without the benefit of electric or gas or even irrigation. “No machines here,” he says proudly.

August also marks the big harvest time, and Domenico's solo act ends as dozens of friends and family members gather to help

## Create Your Own Paradise



*Finest selection of:* trees • evergreens • flowering shrubs • grasses  
perennials • topiary forms • ground cover • vines



**Cinnaminson  
Nurseries Inc.**

*Plant material is not a side-line with us,  
it's been our only business for over 50 years!*

400 N. Forkland Rd • Cinnaminson, NJ 08077 • 856.829.2859 • www.cinnaminsonnurseries.com  
(Just minutes from all Philadelphia Bridges)

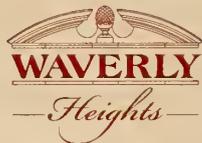


Retirement Living at Waverly Heights

You have taste, integrity, respect for tradition.  
Already, we have a lot in common.

Waverly Heights is a lifecare community that has met industry standards of excellence in management, financial stability, and quality of care and service. Every day, we strive to exceed those standards.

*Join us for coffee, a tour and ultimately, a lifestyle.*



1400 Waverly Road, Gladwyne, PA 19035-1296  
Tel: 610.645.8764 Fax: 610.645.8611  
www.waverlyheightsltd.org  
A nonprofit, non-sectarian lifecare community



Abbondanza!

Jars of basil-infused tomato sauce fill basement shelves.

## Legacy Landscapes

Planting the Future of PHS



Legacy Landscapes is a \$12.1 million campaign to establish an endowment fund to support the horticultural maintenance of civic and neighborhood landscape projects of the Pennsylvania Horticultural Society. For more information please contact the PHS Development Office at 215-988-8800 or visit [www.pennsylvaniahorticulturalsociety.org](http://www.pennsylvaniahorticulturalsociety.org)



The Pennsylvania Horticultural Society

him pull in his crops and prepare some traditional dishes. His basement door leads from the garden to a large kitchen where men and women stir pots and prep vegetables. Pasta boils in water seasoned with large basil leaves, and tomatoes are processed into a simple but savory sauce that fills dozens of jars on basement shelves.

Aside from food being canned or frozen, there's a big lunch in the works. Large red sweet peppers are blistered, peeled, and seasoned. Red-veined chard leaves ("bietola") are chopped and sautéed with garlic to top pizzas. Tomatoes of all hues are turned into a vibrant centerpiece salad. Domenico slices small loaves of whole-wheat bread to hold the salami he cured himself. A zesty Merlot made and bottled in a previous season is uncorked and poured. Glasses are lifted, traditional toasts made, and food that's both home grown and handmade is shared by all. 🍷

## CURRENT APS TRANSACTIONS

### *The Long Route to the Invention of the Telescope*

Rolf Willach

After the telescope became known in 1608-1609, a number of people in widely separate locations claimed that they had such a device long before the announcement came from The Hague; in the summer of 1608, no one had a telescope, in the summer of 1609, everyone had one. For a number of years Rolf Willach tested early spectacle lenses in museums and private collections, and now he reports on this study, which gives an entirely new explanation of the invention of the telescope and solves the conundrum mentioned above. The book's foreword is written by Albert van Helden, author of *The Invention of the Telescope* (Transactions of the American Philosophical Society volume 67, part 4, 1977).

Vol. 98, Pt. 5 - \$35 • Paper. 126 pp.  
ISBN: 978-1-60618-985-6

### *The Invention of the Telescope*

Albert van Helden

*The Invention of the Telescope* was first printed by the American Philosophical Society in June 1977. No book on the study of telescopes since that time has surpassed this work of Albert van Helden. Cornelis de Waard, in his "De utvinding der verrekijkers" (The Hague, 1906), uncovered many new documents bearing on the genesis of the telescope. Dr. van Helden began this project as a translation of de Waard's study. However, he decided that the profession and de Waard's memory would be better served by a collection and translation of all the relevant primary sources named in his study.

The year 2008 marks the 400th year of the existence of the telescope, a most appropriate time to reprint *The Invention of the Telescope*.

Vol. 67, Pt. 4 - \$30 • Original print date 1977; reprinted 2008 • Paper. 72 pp.  
ISBN-10: 0-87169-674-6  
ISBN-13: 978-0-87169-674-8

### *Sophie de Grouchy, Letters on Sympathy (1798): A Critical Edition*

Karin Brown

Letters translated by James E. McClellan III

In 1798 Marie-Louise-Sophie de Grouchy, the former Marquise de Condorcet, published her translation into French of Adam Smith's *The Theory of Moral Sentiments*. Her translation appeared in two volumes, and she appended eight *Letters on Sympathy* (*lettres sur la sympathie*) to the second volume. Karin Brown presents a critical edition of the letters; translation of

the letters is provided by James E. McClellan. Both show why these letters are of interest and why they, and their author, merit a wider audience in English. The book captures de Grouchy's originality, not only in comparing her to Adam Smith, but also in seeing her as someone who foreshadowed contemporary feminist ethics in powerful and surprising ways.

Vol. 98, Pt. 4 - \$35 • Paper. 230 pp.  
ISBN: 978-1-60618-984-9

### *Raising Kane: The Construction of Dr. Kane, Hero of the Romantic Age*

Mark Metzger Sawin

*Raising Kane* is an important interpretation of the life of a prototypically American figure, Victorian Arctic explorer Elisha Kent Kane. From his exploits in the Mexican War to his arctic adventures and his ill-fated romance with Spiritualist medium Margaret Fox, Kane reveals a great deal about mid-Victorian popular culture, masculinity, and heroism. Mark Sawin offers keen insight into Kane's mentality as he ties Kane to mid-nineteenth century culture.

Mark Metzger Sawin is associate professor of U.S. history at Eastern Mennonite University in Harrisonburg, VA. He served as president of the Middle-Atlantic American Studies Association (2007-2008) and as a Fulbright Scholar at the University of Zagreb, Croatia (2008-2009).

Vol. 98, Pt. 3 — \$ 35.00 • Paper, 376 pp.  
ISBN: 978-1-60618-983-2

### *Franz Boas and W. E. B. Du Bois at Atlanta University, 1906*

Rosemary Lévy Zumwalt

The papers of William Shedrick Willis (1921-1983), housed at the American Philosophical Society, include his drafts of the manuscript *Boas Goes to Atlanta*. In typescript with handwritten editing and numerous versions, these pages contain the fascinating story of Franz Boas's visit to Atlanta University in 1906, and more, because Willis intended the work to be a book on Boas's work in black anthropology. Rosemary Lévy Zumwalt focuses on what was to have been Willis's first chapter, "Boas Goes to Atlanta." Drawing from archival correspondence and biographic research, she expands the sections on Boas's trip to Atlanta, the time he spent on the campus of Atlanta University, the reaction to his talk by blacks and whites, and the conflict between W. E. B. Du Bois and Booker T. Washington as this related to the trip to Atlanta.

Dr. Zumwalt came to know Willis well through his handwriting, his finely penned notes, and the piquancy of his thoughts. She came to know him better

as she read through the correspondence on file at the APS and read of his encounters with racism on a painfully personal level and on enduringly institutional levels. The opening chapter, "Willis: An Introduction," is precisely that—an introduction to a remarkable man who loved anthropology, and who suffered from the narrowness of those who held the keys of power.

Rosemary Lévy Zumwalt is the Vice President for Academic Affairs/Dean of the College, and Professor of Anthropology, at Agnes Scott College in Georgia. She is the author of *Wealth and Rebellion: Elsie Clews Parsons, Anthropologist and Folklorist* (Urbana and Chicago: University of Illinois Press, 1992), and *American Folklore Scholarship: A Dialogue of Dissent* (Bloomington, Indiana: Indiana University Press, 1988, reprinted 1995).

Vol. 98, Pt. 2 - \$35 • Paper. 94 pages  
ISBN: 978-0-87169-982-4

WINNER OF THE JOHN FREDERICK LEWIS AWARD FOR 2008

### *Alhacen on Image-Formation and Distortion in Mirrors: A Critical Edition, with English Translation and Commentary, of Book 6 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Haytham's Kitáb al-Manázir*

A. Mark Smith

Mark Smith continues his work on Alhacen's *De Aspectibus* with this volume. Alhacen's study of image-distortion in Book 6 takes on a dual significance as an end to his reflection-analysis, not simply because it concludes that analysis but because it represents the ultimate goal for it. Accordingly, Alhacen's purpose is to apply the cathetus-rule to an analysis of the various misperceptions that arise in the seven types of mirrors chosen for study in the previous books. Some of these misperceptions are common to all mirrors, an example being image-displacement.

Earlier volumes by Mark Smith on Alhacen include *Alhacen's Theory of Visual Perception: A Critical Edition, with English Translation and Commentary, of the First Three Books of Alhacen's De Aspectibus* (Transactions 91-4 and 91-5, 2001) and *Alhacen on the Principles of Reflection; A Critical Edition, with English Translation and Commentary, of Books 4 and 5 of Alhacen's De Aspectibus* (Transactions 96-2 and 96-3, 2006).

Vol. 98, Pt. 1 - \$29 each; \$42 set • Paper.  
436 pages in two volumes  
ISBN: 978-1-60618-981-8

## LIGHTNING ROD PRESS TITLES

### THE CHINDALI LANGUAGE OF MALAWI - 3 volumes - \$100.00 for set

#### Volume 1 - *A Chindali and English Dictionary, with an Index to Proto-Bantu Roots*

Robert Botne, in collaboration with Loveness Schafer

510 pages

ISBN: 978-1-60618-909-2

LIGHTNING ROD PRESS, NUMBER 1  
\$45.00

#### Volume 2 - *A Grammatical Sketch of Chindali, Malawian Variety*

Robert Botne

216 pages

ISBN: 978-1-60618-910-8

LIGHTNING ROD PRESS, NUMBER 2  
\$35.00

#### Volume 3 - *Narratives of Chindali Life and Culture*

Compiled and analyzed by Robert Botne, in collaboration with Loveness Schafer

332 pages

ISBN: 978-1-60618-911-5

LIGHTNING ROD PRESS, NUMBER 3  
\$40.00

Chindali is a Bantu language of eastern Africa, spoken in the southwest Mbeya region of Tanzania and in the northern Chitipa District of Malawi. The dictionary is the result of research on the Malawian end of the Chindali spectrum. It provides, in most cases, more than a cursory translation equivalent of the Chindali lexical item. This three-volume series offers the Chindali dictionary, a grammatical sketch of the language, and narratives of the life and culture of the Ndali people.

### "TO DO JUSTICE TO HIM & MYSELF":

#### *Evert Wendell's Account Book of the Fur Trade with Indians in Albany, New York, 1695-1726*

Edited and Translated by Kees-Jan Waterman with linguistic information by Gunther Michelson  
326 pages

This translated Dutch account book of the fur trade with Indians yields essential data for understanding the workings of the intercultural fur trade in colonial North America. It contains accounts of hundreds of Indians, many listed with their own names, who purchased merchandise on credit from Evert Wendell (1681-1750) and his relatives in Albany, New York. The introduction describes the context in which the manuscript was created and analyzes aggregated data on a range of characteristics of these commercial exchanges.

ISBN: 978-1-60618-912-2

LIGHTNING ROD PRESS, NUMBER 4  
\$50.00



## AMERICAN PHILOSOPHICAL SOCIETY

104 South Fifth Street • Philadelphia, PA 19106-3387

(Tel) 215-440-3425 • (Fax) 215-440-3450

### BOOK ORDERS: Please contact our fulfillment service—

Diane Publishing Co., P.O. Box 617, Darby, PA 19023 (phone 800-782-3833; fax 610-461-6130)

Online orders may be sent to [orders@dianepublishing.net](mailto:orders@dianepublishing.net)

See our website for recent catalogs and backlist: [www.aps-pub.com](http://www.aps-pub.com)

# FOULKEWAYS AT GWYNEDD

Select Apartments & Assisted Living Suites Now Available



## More Time – More Choices – More Friends

*Setting Standards of Excellence in Retirement Living Since 1967*

At Foulkeways at Gwynedd, community members look forward to exploring new horizons and re-establishing past interests and hobbies. There's always something close at hand to inspire both mind **AND** body! So, **what are you doing with the second half of YOUR life?**

For more information about life at Foulkeways Continuing Care Retirement Community, call Lori Schmidt at **215-283-7010** in the Residency Information Office today.



A Quaker Community Where Caring is a Way of Life

1120 Meetinghouse Road, Gwynedd, PA 19436

215-643-2200 • [www.foulkeways.org](http://www.foulkeways.org)

Foulkeways® at Gwynedd does not discriminate on the basis of race, color, religion, national origin, sex, handicap or familial status.



Find us  
in *your* backyard.

# BURKE BROTHERS

Landscape Design / Build  
215.887.1773



[burkebrothers.com](http://burkebrothers.com)



BARTLETT.

BECAUSE FULL, HEALTHY TREES  
MAKE FOR FULL, HEALTHY LIVES.

The trees and shrubs that shade us and grow along with us are valuable assets that deserve care and protection. For over 100 years, we've led both the science and services that make your landscape thrive. No matter the size or scope of your tree and shrub care needs, our experts provide you with a rare mix of local service, global resources and innovative practices. Trees add so much value to our lives.

And Bartlett adds even more value to your trees.



**BARTLETT  
TREE EXPERTS**

SCIENTIFIC TREE CARE SINCE 1907

*For the life of your trees.*



PRUNING . FERTILIZATION . PEST & DISEASE MANAGEMENT . REMOVAL  
PLEASE CALL 877 BARTLETT 877.227.8538 OR VISIT BARTLETT.COM

# NATURE'S CREATIONS NATURAL JEWELRY & ART



GINKGO SPRAY NECKLACE \$130  
EARRINGS \$30-\$42

VISIT OUR NEW LOCATION AT THE PHILADELPHIA FLOWER SHOW!  
BOOTH #308 - MARCH 1ST - 8TH 2009

ONLINE INFORMATION & STORE [WWW.LEAFPIN.COM](http://WWW.LEAFPIN.COM) 800-288-7813



Your Source  
for  
Native Landscapes

WILDFLOWERS ~ SHRUBS  
TREES ~ MEADOWS ~ PONDS  
DESIGN SERVICES ~ CONSULTING

EXPERT ADVICE FOR  
GARDEN DESIGN &  
INSTALLATION



1165 Yellow Springs Road  
Chester Springs, PA 19425  
610-827-2014

[www.yellowspringsfarm.com](http://www.yellowspringsfarm.com)

From  
**Chester  
County**  
to the  
**Flower  
Show**

A Visit to the  
Wister Greenhouses

Story by Betsie Blodgett  
Photography by Pete Prown



As any Philadelphia Flower Show blue-ribbon winner will tell you, growing plants that catch the judge's eye isn't rocket science.

Well, perhaps it does require a little science—and something else.

"It's part science and part luck," says John Christie, self-described "greenhouse guy" for Diana S. Wister, who consistently wins top prizes for her entries, from window-sill sized pots of variegated ivy to a massive and much-loved bay laurel in a large tub.

John is a second-generation plantsman—his father was the legendary Jock Christie, who worked for both Mrs. Wister and her friend and neighbor, the late Sir John Thouron (*profiled in the January 2000 issue*). He is at home in the trio of greenhouses, where overwintering white agapanthus share space with rare yellow clivia grown for the Show. Last fall, John spent a morning just before Thanksgiving showing visitors some of the scores of plants Mrs. Wister plans to enter in the 2009 Show, *Bella Italia*.

To the untrained eye, the rows of clay pots hardly look ready for competition. But for John and other exhibitors, Flower Show momentum is in full swing, as this is the critical time when plants are shaped and tweaked to get them to look their best when the Show opens.

For example, one of Mrs. Wister's perennial Show-stoppers, *Begonia* 'Sophie Cecile', is little more than a "pot of sticks right now," John points out. By the first week of March, it should be five to six feet tall, with a stunning flurry of rose-pink flowers held aloft its glossy green leaves. (In 2008, 'Sophie Cecile' won the Susie Walker Award,



"The cone-shaped bay standards came from Liddon Pennock, Jr., a family friend, horticulturist and mentor," Mrs. Wister says of her blue-ribbon *Laurus nobilis*. "And the corkscrew bay (left) was trained around a broomstick by my Uncle Jack Dorrance's wonderful gardener, Louie Comito, and given to me after my uncle died in 1989."



A prize-winning begonia



*Eranthemum pulchellum*



A variety of succulents



*Begonia* 'Sophie Cecile'

## The **Wister** Greenhouse

presented to the best begonia, on the first day of the Show.)

While top exhibitors are well versed in the science part of growing for the Show—knowing the optimum soil mix, the proper application of nutrients, when and how much to water—weather-related luck plays a huge part in which plants appear at the Show.

Everyone has a horror story, it seems, and

Mrs. Wister is no exception. One cold early morning years ago, her entries, including her prized and rare *Clivia* 'Sir John Thouron', were loaded into the back of an unheated horse van. During the 90-minute drive from her Chester County home to Philadelphia, the plant froze beyond any hope of resuscitation.

"As soon as it hit the warm air inside, it collapsed," John says, shaking his head



**John Christie and his late father, Jock (inset)**

### FINE PRUNING BY CATHERINE POTTER

ORNAMENTALS HAND PRUNED WITH CARE TO MAINTAIN HEALTH & NATURAL FORM  
36 YEARS OF EXPERIENCE IN THE FIELD...BARNES & LONGWOOD TRAINED

CONSULTING, GARDEN DESIGN & SUPERVISORY SERVICES  
Catherine Potter . garden consultant . By Appointment: 610.353.3225



### Plant Ahead...

Long-range brainwork and elegant spade-work display the full value of your property year after year. Landscape Design Group achieves distinctive landscape architecture that continues to improve and enhance your property with a minimum of upkeep.

You'll enjoy a custom design, quality execution, and on-time completion well within your budget.

To review our residential portfolio and discuss your ideas, please call Michael or Frank Montemura at 215-340-7890. We dig for elegance.

**LANDSCAPE DESIGN GROUP, INC**  
Landscape Architecture and Construction  
Daylestown, PA • 215-340-7890

[www.landscapegroupinc.com](http://www.landscapegroupinc.com)

grimly. "It was gone." They now use a 16-foot truck to transport the plants; although unheated, it at least protects the tender leaves from the open air.

While Mrs. Wister is known for her "venerables"—her exceptional plants, at least 10 to 20 years old, judged against perfection for their species or cultivar—she and John also like to try something new. "Something to catch the judge's eye," he explains. "We've been putting in the *Eranthemum pulchellum* with its electric blue flowers the past couple of years, and we've done quite well."

Although John has found the competition gets tougher every year, he believes that the heart of the Philadelphia Flower Show is knowing that everyone can participate.

"That's the great thing about the Flower Show," he says. "If you have a sunny window, you can enter a plant and win a blue ribbon."

## Cold Frame House



Extend your growing season with a *Cold Frame House*. The perfect way to start your garden early, or to keep it going during colder months. Made in Maine with eastern white cedar and an insulating, triple-walled polycarbonate glazing. A hinged top cover opens easily and can be fitted with an automatic opener.



Please visit Booth #739 at the 2009 Philadelphia Flower Show or see us online

[WWW.MAINEGARDEN.COM](http://WWW.MAINEGARDEN.COM)  
1-877-764-9365

## The Freedom Greenhouse



The *Freedom Greenhouse* is totally self-contained and free of the daily effort and time required to keep plants growing vigorously. One side of the roof lifts up and off the frame for a chimney effect style of ventilation.

The roof opener uses a 12v solar powered motor, and can be outfitted with an automatic watering system. Just set the thermostat and grow.

## THE DUBARRY OUTDOOR FOOTWEAR COLLECTION

The Dubarry Outdoor Footwear Collection features a unique range of country/lifestyle leather boots and shoes suitable for a variety of different uses from equestrian, gardening, hunting, shooting and fishing to stylish après skiwear. The best footwear components and technology are used to manufacture Dubarry footwear. All leather are uniquely water resistant with quality properties to ensure your boots and shoes retain their shape over time.

The use of GORE-TEX® lining offers waterproofing and breathability in addition to wicking perspiration away from the foot, ensuring a dry and comfortable environment even in the most extreme conditions



**dubarry** of Ireland

Quality Since 1937

The Original Waterproof Breathable Leather Boot

- ▶ Waterproof
- ▶ Breathable
- ▶ Lightweight
- ▶ Durable
- ▶ Warm
- ▶ Gore-Tex Lined
- ▶ Easy Care
- ▶ Mud/Rain
- ▶ Snow
- ▶ Multi-Use
- ▶ Stylish

Style Pictured: Galway Boot (Brown/Mahogany)



Visit our booth at the Philadelphia Flower Show

Beware of Imitations

**dubarry** of Ireland

[www.dubarry.us](http://www.dubarry.us)

Call: 1-866-658-3569  
Email: [sales@dubarry.us](mailto:sales@dubarry.us)

## The Wister Greenhouse



Ivies abound in this area



An array of begonias, orchids, pelargoniums and more

*Salvia officinalis* 'Tricolor'



A close-up of a begonia leaf.



## Remembering Friends & Family

Diana S. Wister's roots in the Philadelphia Flower Show reach across several generations, and a great many of her plants continue to flourish as fond reminders of friends and family.

Her mother, Margaret Dorrance Strawbridge, was a regular exhibitor at the Philadelphia Flower Show. Mrs. Wister says she has always grown rare plants, and with the encouragement of fellow Wilmington Garden Club members, she soon became an experienced exhibitor.

Neighbors and master plantsmen the late Sir John Thouron and his gardener Jock Christie were key mentors. "Sir John gave me much encouragement and shared many of his treasures with me," she recalls. "Jock taught me so much from his wealth of knowledge, and we were privileged to have him in our lives."

Mrs. Wister in turn encourages others to join the Flower Show family. "If you have any thoughts of entering, just do it! You never know until you try, and you will be sharing the product of your love and nurturing," she says. "When one sees that many people, from young babies and children to the elderly, and the smiles on their faces, you begin to understand why it is important to share one's passion for gardening. Like it says in ECCLESIASTES 3:11, 'He has made everything beautiful in its own time.'"

# Great Gardens Begin Here...

## Master Nursery 100% Natural Organic Soils

100% Organic,  
100% Guaranteed



### Gardener's Gold™ Organic Potting Soil

All natural Gardener's Gold is the PERFECT ENVIRONMENT for all sizes of container plants, providing for the special requirements of growing in small spaces.

### Black Forest® Organic Compost

Perfect for top dressing or to condition clay soil. Improves drainage and provides a good environment for soil micro-organisms. The slow rate of decomposition delivers long-lasting benefits.

### Bumper Crop® Organic Soil Builder

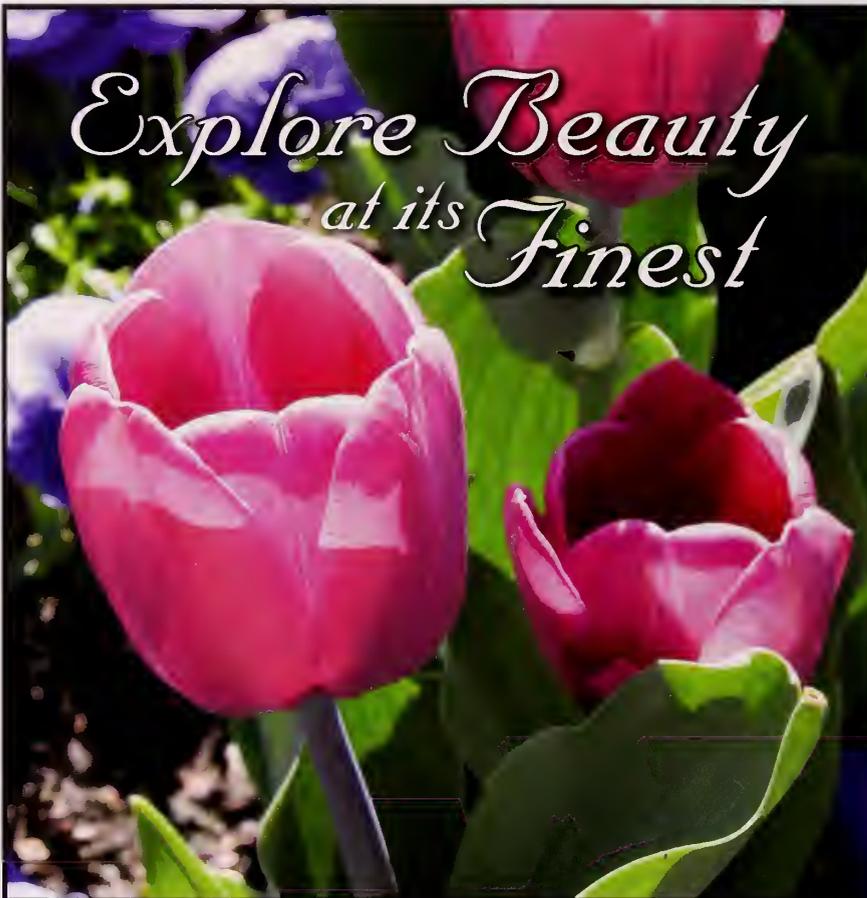
Mix with native soil at planting time. Bumper Crop's unique formula of bat guano, worm castings, kelp meal, manure, and oyster shells - all mixed into composted fir bark and forest humus turns ordinary soil into GREAT GARDENS.

These premium soil products are sold exclusively at independent garden centers that are members of Master Nursery Garden Centers.



In 2008, Master Nursery Garden Centers celebrated 50 years of providing the finest plants, garden products and services to home gardeners.





*Explore Beauty  
at its  
Finest*



*Waterloo Gardens* <sup>inc.</sup>

...so much more!

- Top Quality Plants
- Garden Accents & Supplies
- Home Décor & Gifts
- Outdoor Furniture
- Professional  
Landscaping Services
- Seasonal Christmas Shop

PA: Exton • Devon | DE: Wilmington  
waterloogardens.com



A nationally accredited, Quaker-related, not-for-profit community for those age 55+, with campuses in Medford and Lumberton, NJ.

**WWW.MEDFORDLEAS.ORG OR 800.331.4302**



**MEDFORD LEAS**



THE LEWIS W. BARTON ARBORETUM &  
NATURE PRESERVE AT MEDFORD LEAS

*Annual Arboretum Lecture*

### THE AUTHENTIC GARDEN

CLAIRE SAWYER

*Director of the Scott Arboretum of Swarthmore College*

SATURDAY, APRIL 18, 2009, 11:00 AM

Claire Sawyers will discuss how we can create gardens that are both deeply rooted in their surroundings and deeply satisfying to their creators. Drawing on her knowledge of a vast array of American and foreign gardens, she identifies the five principles that help instill a sense of authenticity and to make a garden that is true to a specific time, place, and culture.

*Light luncheon fare and guided tours of the Arboretum.  
No Charge. Please call 609-654-3527 to RSVP.*

PHL PHILADELPHIA INTERNATIONAL AIRPORT

*Bella Italia*

Fly nonstop from PHL  
**We'll take you there**

[www.phl.org](http://www.phl.org)



**Ranked "Highest in Customer Satisfaction for Large Airports" by J.D. Power and Associates**

Philadelphia International Airport received the highest numerical score among large airports (30+ million passengers/year) in the proprietary J.D. Power and Associates 2008 North America Airport Satisfaction Study<sup>SM</sup>. Study based on 36,949 total evaluations from passengers measuring 19 large airports and measures opinions of passengers May 2007–March 2008. Proprietary study results are based on experiences and perceptions of passengers surveyed within one month of flight. Your experiences may vary. Visit [jdpower.com](http://jdpower.com)



## Creating Great Lawns and Gardens for over 80 Years

"This sustainable product has been helping gardeners and professionals since 1926. The organic nitrogen fertilizer can be used on all your landscape plants. . . one product for all your gardening needs.

This amazing material improves drainage in heavy soils and increases the water holding ability in sandy soils. The high iron content greens up the landscape and the phosphorus is non-leaching.

It's "goof-proof" and has given me great results naturally."

See you at the Philadelphia Flower Show.

*Melinda Myers*

Melinda Myers, Horticulture Expert  
Nationally known author, radio & television host



[www.milorganite.com](http://www.milorganite.com)



# A Feast of FLORAL DESIGN STYLES



When choosing a floral design style, there are almost as many choices as there are flowers, but here is a simple way to think about your options: Floral designs can be organized into four basic styles—decorative, vegetative, form-line or formal linear, and abstract. Often there is overlap or gradation between these styles.

The *girasole* or sunflower will play a starring role at the 2009 Philadelphia Flower Show, with its *Bella Italia* theme. This bold garden favorite lends itself to many types of floral designs.

## A SYSTEM FOR FLORAL DESIGN STYLES

*Decorative Arrangements* are created to fill a space decoratively. The kind of flower is secondary to the overall shape of the arrangement. Decorative arrangements are often round, oval, vertical, horizontal, or triangular in form.

### PHOTO 1

Traditional decorative mass design. The shape of the design is more important than the flowers used to create it.

### PHOTO 2

Modern decorative mass design. Large quantities of a limited variety of materials are used in groups.

*Vegetative Arrangements* present flowers as they grow in nature. Each flower has importance for its natural growth habit. These designs are sometimes referred to as naturalistic or garden style. A natural container and pieces of wood or rock often enhance the vegetative feel.

Story by  
Jane Godshalk



2



3



**PHOTO 3**

Vegetative or naturalistic design. The materials emphasize the growth patterns of the plant material. Imagine the faces of the sunflowers reaching for the sun.

**PHOTO 4**

Design with decorative and vegetative qualities. The loose feel of a vegetative design combines with a decorative bouquet shape.

*Form-Line or Formal Linear arrangements* showcase the forms and lines of plant material. The physical characteristics of line and form (not the growth patterns) are of primary importance, and space is a prominent component. This style is the European outgrowth of Japanese Ikebana.

**PHOTO 5**

Form-Line Design. The interplay of line and form creates a design with contrasting color and texture.

*Abstract Arrangements* take the forms and lines of flowers and use them in a dramatic and minimalist manner. Plant material in abstract design does not represent a particular flower, but creates strong shapes, color, and texture.

4



5



Sunflower in Latin is *Helianthus* after the Greek god of the sun, Helios. *Anthus* is the word for flower. Sunflowers not only look like the sun, but they are also heliotropic; their faces follow the sun from east to west during each day. The Italian name for sunflower, *girasole*, means sunturner! Look for lots of varieties of *girasole* at *Bella Italia*.



*Fresh ideas*  
are just around the corner.™

Proud to support The Pennsylvania Horticultural Society and the 2009 Philadelphia Flower Show. **ACME**®

## LYN SNOW

ORIGINAL WATERCOLORS • LIMITED EDITION PRINTS



*Come see our new prints.*

Philadelphia Flower Show - Booth #633-635  
And please visit our website [www.lynsnow.com](http://www.lynsnow.com)



6

### PHOTO 6

Abstract Design. An abstract design has bold contrasts and often one or two flowers.

On your tour of *Bella Italia*, look for floral designs in these different styles. Are they decorative, vegetative, form-line, abstract, or a combination? Most of all, have fun looking at the beautiful flowers and the many ways they can be made into fabulous arrangements. 🌿



WELCOME THE  
WONDERS OF NATURE TO  
YOUR OWN BACKYARD



GATEWAY  
GARDEN  
CENTER

Invites you to experience and protect our natural world. We offer plants that provide beauty as well as habitat for our birds, bees and butterflies.

gatewaygardens.com  
7277 Lancaster Pike  
Hockessin, DE 19707  
302-239-2727



Inspire your home and garden.

Pennsylvania  
Guild of Craftsmen

FINE CRAFT FAIRS

July 25 & 26 Wilmington, DE

October 17 & 18 Blue Bell, PA

November 14 & 15 Lancaster, PA

Buy Handmade at the Flower Show:  
visit booths 611, 616 & 617.

Get inspired at  
[www.pacrafts.org](http://www.pacrafts.org)



The Williamsburg Collection  
A GARDENSHEDS® EXCLUSIVE

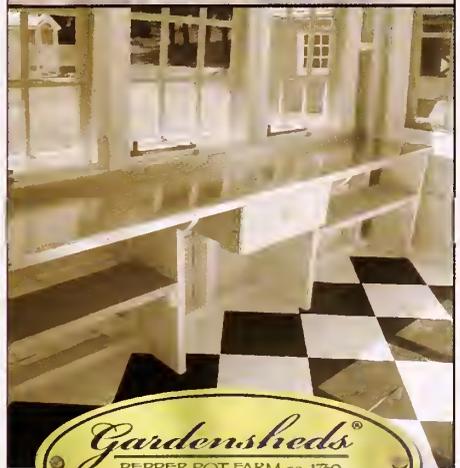


Beautify your landscape with  
Timeless design and  
Uncompromising craftsmanship  
reminiscent of another era.

Our original products are fully  
Assembled, finished, and shipped from  
our Pennsylvania workshop  
To 48 States.

View our entire collection of  
Gardensheds, Greenhouses,  
Screen Houses, Pool Houses, Pavilions,  
Follies, Entry Gates, Estate Planters,  
Bird Houses and Dog Houses.

[www.Gardensheds.com](http://www.Gardensheds.com)  
Toll-FREE: 877-SHEDS-11



LAMBERTVILLE, NJ

MICHELLE MASTERS



*topiary art*

Charming topiary themed  
gifts for the  
Home & Gardener



"Stemware" - New 2009 Design!



*Greeting Cards,  
Stationery,  
Linen Guest Towels,  
Lavender Sachets,  
Framed Art,  
Marble Coasters,  
Limited Edition Pillows  
&  
Handcrafted Soaps*



Philadelphia Flower Show #533  
www.michellemasters.com  
888.313.0239



*Come see our  
two **NEW**  
styles at  
Landreth  
Seeds*

Booth No.  
**703**

**FOXGLOVES**

foxglovesgardengloves.com 888.322.4450



[www.galamont.com](http://www.galamont.com)

*Personally Designed Unique Garden Structures!*

- Distinctive in Design
- Outstanding in Appearance
- Superior in Quality

**GalaMont**  
Great Places. Great Times.

877-350-3551  
www.galamont.com  
sales@galamont.com



# Free Catalog

Unique, high-quality, and hard-to-find garden tools

1-800-683-8170

www.leevalley.com

Come visit us at the Philadelphia Flower Show Booth 604



Unprecedented Experience • Personal Service • Exceptional Quality



**IT'S THE MCFARLAND WAY!**

Call today to schedule a free professional consultation to review your property.

215-844-TREE (8733)

610-688-6644

Fax: 215-438-1879

www.mcfarlandtree.com



**MCFARLAND**  
Tree & Landscape Services



**Protect your Garden**

from rabbits and small critters.

**100% ORGANIC** No bad odor!

Plantskydd® Granular repels rabbits and small critters including chipmunks, squirrels, voles, nutria and opossum.

**New Sizes Available:**  
1 lb • 3 lb • 7 lb • 20 lb

**#1 Most Effective  
#1 Longest Lasting  
#1 Most Tested**

Plantskydd® is proven the most effective and longest lasting deer repellent.\* Also effective against elk and moose.



Plantskydd® is available as Ready-to-Use Spray (1 qt.) or Jug (1.32 gal.) and Soluble Powder Concentrate (1 lb., 2.2 lb. and 22 lb. Bulk).

For our DEALER LOCATOR, FAQ's, testimonials and \*independent research results, visit our website:

[www.plantskydd.com](http://www.plantskydd.com)

**TOLL FREE 1-800-252-6051**



# SHARING the WEALTH

When we create gardens, it's all about us: the colors we like, the plants we find fascinating, the purposes we're trying to serve. Whether or not we intend to invite others in to enjoy them with us, even our smallest plantings attract visitors of all shapes and sizes. You set out the plants, and the bees, birds, butterflies, and other critters will come. But if you really want to provide a welcoming haven, there are plenty of simple steps you can take to entice wildlife without greatly changing your gardening habits.

When I moved from a property measured in square feet to one measured in acres, maintenance was a big concern for me, and the prospect of mowing was daunting. At that point, allowing half the property to return to the meadow/hayfield it had been was more of a survival strategy than a plan to create

habitat. After just a few years, though, the benefits were obvious. I saw many more birds throughout the year. Though they undoubtedly enjoyed the feeders I put out for them, they stuck around even when I stopped supplying seed, apparently finding plenty to feed on among the seeds and insects in the meadow. Having this “wild garden” area also made it possible to grow common milkweed (*Asclepias syriaca*) and other wildlife-friendly plants that spread too aggressively or are too weedy-looking for cultivated borders.

I realize that for many of you, simply mowing your lawn only once a year and calling it a meadow isn't likely to produce the same results, and it may greatly irritate your neighbors as well. But you could use some of the same principles and plant choices to get many of the benefits. Next time you're choosing annuals and perennials for a new planting, make sure you include some with flowers composed of many small blossoms, such as goldenrods (*Solidago* spp.), eupatoriums (*Eupatorium* spp.), and all kinds of daisy-form flowers (pictured at left), because these are great sources of pollen for bees and other beneficial insects. Ornamental grasses—especially the warm-season kinds that flower in late summer and fall—supply seeds and shelter for birds, and they look great through much of the winter, too. The same goes for flowering and fruiting shrubs. And if you can find plant species native to your region, that's all the better for supporting native insects and critters.

Changing some of your gardening techniques can make your garden a safer place for wildlife and make your life a little easier at the same time. First, try cutting down on—or better yet, completely avoiding—spraying pesticides. I understand how hard it is to see “bad” bugs chomping on your beloved blooms, and if the damage is more than you can bear, then you may need an organic control. But there's no point in making your garden welcoming to insects if you're just luring them to their doom. By learning to live with a little damage, both you and your wildlife will be less stressed. Second, instead of cutting everything down in fall, try leaving it until early spring. Besides providing an abundance of seeds and fruits, the stalks can shelter insects for hungry birds to feed on. You'll be doing yourself a favor, too, because the stems and seed heads give you something to look at during the winter.

Now, like any gardener, I worry about troublesome pests, and I'd be the last one to say you should welcome all forms of wildlife into your garden with open arms. But I think you'll find, as I did, that you can have a garden that's as beneficial to our local ecology as it is beautiful to look at. Want to learn more? Check out the National Wildlife Federation's Certified Wildlife Habitat program at [nwf.org/backyard](http://nwf.org/backyard).



Photo by Nancy J. Ondra

*Waldor Orchids*

Just miles from the Jersey Shore and nestled in a quiet residential neighborhood, sits Waldor Orchids, an award-winning, family-owned nursery that's home to some 500,000 orchid plants

Specializing in quality orchids for 80 years.

We invite you to visit our Web site at [www.waldor.com](http://www.waldor.com)

10 E. Poplar Avenue Linwood, NJ 08221  
Ph (609) 927-4126 Fax (609) 926-0615

**rareFINDnursery** inc

**Unusual Hardy Rhododendrons, Azaleas, Shrubs, Trees & Perennials.**

Come visit our 11 acre nursery including our 4 acre display garden. Open Wednesday-Saturday, 10-4 (directions on web site)

[www.rarefindnursery.com](http://www.rarefindnursery.com)

120 PAGE CATALOG - \$3  
WE SHIP ALL YEAR LONG

957 Patterson Rd.  
Jackson, NJ 08527  
732-833-0613

**ORDER ONLINE AT**

**redbud**

native plant nursery

native plants for people and wildlife

visit: [redbudnativeplantnursery.com](http://redbudnativeplantnursery.com)  
for plant list, hours, and directions

**H**AND-CRAFTED WELDED IRON

- ARBORS
- TRELLISES
- GATES
- ARCHWAYS
- OBELISKS
- TOWERS
- PAVILIONS
- PERGOLAS
- BENCHES
- FENCES
- RAILS

SELECT FROM OUR POPULAR LINE OF PRODUCTS OR LET US CUSTOM DESIGN/BUILD TO YOUR SPECIFIC NEEDS.

*The Painted Garden, Inc.*

(215) 884-7378  
[WWW.THEPAINTEDGARDENINC.COM](http://WWW.THEPAINTEDGARDENINC.COM)  
304 EDGE HILL ROAD, GLENSIDE, PA 19038  
SHOWROOM BY APPOINTMENT

**BEAUTY FROM BULBS**

Select from 800 varieties of the finest Dutch bulbs for your family's garden. Contact us for our free, 84-page color catalog~take a peek at our wonderful website specials!

**John Scheepers**  
23 Tulip Drive • PO Box 638  
Bantam, CT 06750  
(860) 567-0838  
[www.johnscheepers.com](http://www.johnscheepers.com)

*Serving America's finest gardens for over 90 years.*

**GARDEN STRUCTURES**

**GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION**

Custom Aluminum or Wood  
33 Years' Experience  
Call Robert J. LaRouche at  
Glass Enclosures Unlimited  
610-687-2444

**GREEN TECHNOLOGIES**

**Rainwater Harvesting Systems**

Capture • Filter • Reuse  
Please visit our website to learn more  
[www.YourPond.com](http://www.YourPond.com)  
**Cedar Run Landscapes**  
1-800-Landscape

**HARDSCAPING**

**HERITAGE STONE & MARBLE**

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways,  
COBBLESTONE-edging and paving,  
STONE walls, RETAINING walls, MARBLE,  
GRANITE-floors, walls, countertops.

215-699-5611

Upper Gwynedd, PA

**PATIOS & WALKWAYS**

Flagstone – Pavers – Brick  
Robert J. Kleinberg  
Landscape Design & Construction  
610-259-6106  
See our work online  
100's of pictures at  
[WWW.KLEINBERG.COM](http://WWW.KLEINBERG.COM)

**LANDSCAPE DESIGN**

**BURKE BROTHERS LANDSCAPE DESIGN/BUILD**

Nationally-recognized designs.  
Experienced staff ensures the integrity of the design from concept to completion.  
[burkebrothers.com](http://burkebrothers.com)  
215-887-1773 610-520-2025

**David Brothers Landscape Services  
Bean Road Nursery**

Architects, Builders and Nurserymen  
Providing the Fine Art of Garden Construction and Landscape Restoration

215-247-2992

610-584-1550

[www.davidbrothers.com](http://www.davidbrothers.com)

**DONALD PELL INC. GARDENS**

Design-Masonry-Landscape  
Please review our updated portfolio at  
[www.donaldpell.com](http://www.donaldpell.com)  
610-917-1385

**LINDA CORSON LANDSCAPE DESIGN**

- Consulting
- Plans
- Supervision

Registered Landscape Architect  
Member ASLA 215-247-5619

[seddesignstudio.com](http://seddesignstudio.com)  
LANDSCAPE ARCHITECTURE  
Master Plans and Garden Design  
610-584-5941

**MULCH**

**BALED PINE NEEDLE MULCH**

Pick up/Delivery/Spreading service  
Cedar Run Landscapes  
Call for brochure  
1-800-LANDSCAPE  
[www.CedarRunLandscapes.com](http://www.CedarRunLandscapes.com)

**Flowers and More, Inc.**

Garden Design, Installation & Maintenance  
PINE-NEEDLE MULCH  
Wholesale and Retail  
610-701-9283  
[renee52@comcast.net](mailto:renee52@comcast.net)

**NURSERIES**

**RARE & UNUSUAL PLANTS**

- Specimen plants • Pond plants • Bonsai
- Orchids • Hardy cacti • Tropicals
- Sculptured trees and shrubs • Perennials
- Unique Flower and gift shop.

**MUTSCHLERS' FLORIST & RARE PLANTS**

1-800-242-9438

[www.mutschlers.com](http://www.mutschlers.com)

Perennials are our specialty!

**POPES' GARDENS**

Annuals • Hanging Baskets • Shrubs  
Classes • Display Gardens • Farm Animals  
1146 Old White Horse Pike, Waterford, NJ  
856-767-3343

[www.popesgardens.com](http://www.popesgardens.com)

**Refinish Your Outdoor Furniture**



Complete repainting and restrapping... we'll have your furniture looking like new at a fraction of the cost.

We specialize in Brown-Jordan, Tropitone and Molla outdoor furniture.

We also repair...

- ✓sling/mesh furniture
- ✓cast aluminum
- ✓wrought iron

*"The work you did on our furniture is superb and far exceeded our greatest expectations. The finish on our frames is beautifully applied. My wife and I are most happy."*

LeRoy  
Zimmerman  
Harrisburg, PA

**(215) 659-8929**

Pick up & delivery available  
[www.thesouthernco.net](http://www.thesouthernco.net)



**Go Green... Recycle**

SPECIALISTS FOR MORE THAN 20 YEARS

### Triple Oaks Nursery & Herb Garden

- Great Plants • Display Gardens • Programs •
- Franklinville, New Jersey
- www.tripleoaks.com
- 856-694-4272
- greatplants@tripleoaks.com

## OUTDOOR LIGHTING

### Botanical Lighting

Specializing in tasteful architectural and landscape lighting.

Please view our on-line gallery:  
**botanicallylighting.com**  
or call: 610-519-1212

Serving: Pennsylvania • New Jersey • Boston  
Maryland • Washington DC

## PICTURE FRAMING

### Frames and Company

We've been framing for 36 years and can make any artwork blossom! Our design/framers and archival materials will guarantee a perennial favorite. Our photo frames will put your friends in the best light, and we have mirrors to reflect your good taste.

10% off for PHS members.

3723 West Chester Pike, Newtown Square  
Under the Green & White Awning  
610.356.8122  
www.framesandcompany.com

## REAL ESTATE

### HOME FOR SALE

Horticultural Hideaway – 4 BR/ 2 1/2 BA Colonial

Two Glass Enclosed Additions Overlook  
2 Acres, Stream & Pond, Perimeter Trees  
Internal Trees & Garden Beds

Bucks County, minutes from Doylestown

RE/MAX Action Realty 215-358-1100  
Contact Carl Hedner, Realtor 215-358-1144  
www.carlhedner.com

## TREES

Giant Colorado Blue Spruce  
20' American Holly – Red & Yellow Berried  
Sustainably Grown Tree Fruit and  
Berries in Season  
**Indian Orchards**  
24 Copes Lane, Media, 610-565-8387

### Tree Transfers Inc.

Large Tree Transplanting and Sales  
Large Screening & Specimen Plant Material  
Garden Restoration, Ponds  
Waterfalls & Patios  
215-635-2310  
Serving the Delaware Valley since 1987

### THUJA X 'GREEN GIANT'

Screening Alternative to Leyland Cypress  
& New England's Dying Hemlocks



- ← New USDA Release
- Pennsylvania Gold Medal Plant Award 1998
- Tough, Fragrant, Tall, Skinny Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing, 3' to 5' / Year
- \$3 to \$45 Each
- Zone 4-9

### Other PA Gold Medal Plants available:

Beautyberry variegated 'Duer', Chastetree  
Vitex 'Shoal Creek' Dogwood, 'Golden Glory'  
Nordmann Fir, Persian Ironwood, Japanese  
Tree Lilac 'Ivory Silk', Paperbark Maple, Dawn  
Redwood, Sweetbay Magnolia 'Moonglow',  
Witch Hazel 'Diane', Itea 'Henry's Gardner',  
and many more.

### American Elms



### Dutch Elm Disease Resistant

Pictured (left) NEW! Jefferson American Elm, (right)  
Princeton American Elm. Best trees ever. 50 pictures  
and information at www.botanishop.com

Many pictures and information on our website  
www.botanishop.com • Joplin, MO  
or call 888-855-3300 for prices and information.

## Lewes, Delaware



### Mary Vessels Park

Visit Historic Lewes, Delaware and tour our  
"hidden" private gardens at the  
**19th Annual Lewes Garden Tour** sponsored by  
the Lewes Chamber of Commerce on  
Saturday June 20th from 10 AM to 5 PM.  
Mention this ad and reserve your discounted  
Garden Tour ticket for \$12.00.

For more information contact the  
Lewes Chamber of Commerce at  
877.465.3937 or visit  
www.leweschamber.com

### "Nantucket-Style" on the Delaware Coast



Coastal Retreat and Event Destination

Located on the waterfront in the heart of  
Historic Lewes, The Inn at Canal Square  
offers guests lavish comfort  
coupled with seaside charm.

Complimentary European-Style breakfast and  
Guest Fitness Room

Mention this ad when making your reservation  
for the Garden Tour and join us for a wine and  
cheese reception on the evening of June 19th.

Inquire about our Spring & Summer Packages

122 Market Street • Lewes, DE 19958  
Ph 302.644.3377 • Resv 888.644.1911  
www.theinnatcanalsquare.com

## Cattleya-Log™

Catalog your Orchid collection today!

For each plant you have you can track:

- Extensive Details
- Digital Photo Album
- Blooming History
- Journal Entries
- Repotting History
- Cultural Notes
- Medical History
- Book Index
- Pollination History
- much, much more!

Produce reports to take to shows and sales  
Track your Wishing and favorite Websites too!

Visit [www.cattleyalog.com](http://www.cattleyalog.com) to try it or to buy it

## Systeme Software 215-258-5217

Visa MasterCard Amex  
or use your PayPal Online

**Download: \$49.95**  
**CD-ROM: \$59.95**

Cattleya-Log is the best software  
available for tracking an orchid  
collection of any size.



Try it out for FREE!

Making the  
**SKY A  
LITTLE  
GREENER**

By Jane Carroll



PECO's green roof at 23<sup>rd</sup>  
& Market streets

**PHS** staff member Julie Snell has been making friends in high places. The project manager and landscape architect has spent a lot of time 100 feet in the air on the roof of PECO headquarters in Center City Philadelphia, learning about the new “green roof” there. Julie is leading a skilled PHS team that will oversee maintenance of the green roof after its guarantee period ends.

Green roofs offer big benefits to the environment. They absorb and retain large quantities of rainwater, reducing runoff that contributes to flooding. They filter pollution from rainfall and keep it from entering rivers and streams. They extend the life of roof structures and help moderate temperatures, keeping energy costs down. They reduce the “heat island” effect of metropolitan areas and help improve air quality.

A green roof is also much prettier to look at than a black tar roof.

Designed by Philadelphia-based Re:Vision Architecture, the PECO green roof was installed on the eight-story building adjacent to the PECO tower with its familiar illuminated message board; it is part of an ongoing environmental initiative at PECO. At about 45,000 square feet, it's the largest green roof on an existing building (as opposed to new construction) in Pennsylvania.

According to Cathy Engel, PECO's manager of communications, the company's environmental efforts support a broader undertaking by its parent company, Exelon. “Exelon 2020” is the corporation's “roadmap to reduce, offset, or displace more than 15 million metric tons of greenhouse gas emissions per year by 2020”—the equivalent of taking more than three million cars off the road. “The green roof is a perfect fit,” says Engel. “It will keep peak summer temperatures on the roof 60 to 80 degrees lower than on a conventional roof [where summer temperatures can reach 150 degrees Fahrenheit or higher].”

PECO's green roof will also keep a lot of rainwater out of Philadelphia's over-taxed sewer system. “We expect that it will capture 60 to 70 percent of all rainwater that falls on the roof, which is about 1.6 million gallons per year,” Engel says.

Other PECO green projects include replacing the lights on its famous message board with an energy-efficient L.E.D. system and promoting energy efficiency among customers. The company has also contributed funds for a demonstration green roof on the central branch of the Free Library of Philadelphia.

As part of her training, Snell is working closely with consultant

Charlie Miller, who created the construction plan for the PECO green roof. His Philadelphia-based company, Roofscapes, Inc., has designed more than 100 green roofs throughout the country.

An engineer by training, Miller became intrigued with green roofs in Germany, where they have been used for decades. Philadelphia's flat roofs provided another inspiration. “The thing that motivated my interest in this from the beginning,” Miller says, “was living in this city and looking out over the sea of black roofs and understanding that there was a whole other landscape there.”

The green roof has a paved observation area with railings, along with four large planters filled with native grasses and perennials such as switchgrass, little bluestem grass, *Coreopsis*, and *Amsonia*. PECO will open the roof for tours and educational events, hoping to inspire other companies and individuals to follow its lead.

Miller likes that idea. “Taking advantage of this ‘roof plane’ in the city becomes a way to preserve, protect, improve—or undo in many cases—the damage that's been done to streams in the area,” he says.

Snell gets a charge simply from taking in the view: “It's pretty amazing to look out across Center City from the middle of a sedum field eight stories up!” 🌿

**A green roof is a multi-layered roof covering consisting of a waterproof membrane, a drainage system, a growing medium, and tough vegetation that can survive harsh conditions—usually a mixture of low-growing sedums. Green roofs are part of the “green building” movement, which aims to make buildings more environmentally friendly and energy efficient.**

**You can see a mini version of PECO's green roof in the company's exhibit at the Philadelphia Flower Show (March 1 – 8, 2009). PHS will offer education programs on green roofs this spring. Visit [pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org) and click on “Calendar” for more information. For more on PECO's environmental initiatives, visit [peco.com](http://peco.com). See [roofscapes.com](http://roofscapes.com) for green roof information.**

# Your new favorite gardening tool.



The Subaru Forester.  
*Motor Trend's 2009*  
Sport/Utility of the Year™



Garden lovers know that better equipment means better results. And Subaru has the versatility to help turn any garden into an award-winning one.

**Love. It's what makes a Subaru, a Subaru.**



Your life is an exciting  
adventure story.  
Let us help write the  
next chapter.



Success doesn't come easy and you've worked hard for what you have. At PNC, we understand the wealth you've earned isn't an end in itself. It's simply a way to help you take on your next challenge. That's why our highest priority is to thoroughly understand your situation. And help guide you on your journey ahead.

Call (888) 762-6226 or visit [pnc.com](http://pnc.com).



• Trust & Estate | Wealth & Retirement Planning | Investment Management | Private Banking Services

MAY-JUNE 2009 • \$5.00

# GREEN scene

A Visit to the  
**YELLOW  
SPRINGS  
HERB SALE**

**CAREFREE  
CLEMATIS**

**THE RETURN OF  
WAX BEGONIAS**

**CAPTURING  
THE SWEET  
SCENT OF  
FRANKLINIA**



THE PENNSYLVANIA HORTICULTURAL SOCIETY

# Cathedral Village



*When Friends and Family Ask,  
“What do You do For Fun?”*

*We tell them we enjoy . . .*

- ◆ The Village College . . . where courses are taught by our own Resident Professors . . . and there are no tests to take!
- ◆ Swimming at sunrise . . . during the day . . . and even in the winter when it's snowing!
- ◆ The camaraderie of friends while exercising in the Health Club or doing Tai Chi and Yoga.
- ◆ Singing in our new Village Chorus which recently performed at the Arden Theatre.
- ◆ Having our own Greenhouse for personal use year-round along with interesting and fun-filled seminars given each week by professional horticulturists.
- ◆ Having a wonderful, light-filled Art Studio for self-expression, as well as art classes in a variety of media.
- ◆ Molding clay into works of art in the Pottery Studio where classes are also held.
- ◆ Attending Concerts, including those that are presented by our own Professional Resident Musicians right here at the Village.
- ◆ Having a great deal of fun participating in or attending Play Reading performances.
- ◆ Putting around on our Professional Green for fun as well as competition.
- ◆ Many Bridge tournaments, Scrabble competitions, and parties for all occasions.
- ◆ Taking the Cathedral Village bus to Center City for the Orchestra, Theater and Ballet, and for day trips to museums, flower shows and other places of interest.
- ◆ Joining Resident Committees and enjoying each other's company while volunteering in the Library, Gift Shop and other areas of the Village where our help benefits others.

Woven into this truly enjoyable lifestyle are new friendships with kindred spirits!

*~ Come for a visit and discover even more! ~*

Visit Monday through Friday between 9AM and 3PM.  
Appointments are needed for weekends and holidays.

600 East Cathedral Road • Philadelphia, PA 19128

[www.cathedralvillage.com](http://www.cathedralvillage.com)

(215) 984-8621



Cathedral Village is a Nonprofit  
Nondenominational Continuing Care  
Retirement Community



Accredited Since 1984  
Affiliated With the Jefferson Health  
System Since 1986

Editor  
Pete Prown

Senior Editor  
Jane Carroll

Associate Editor  
Daniel Moise

Staff Photographer  
Margaret Funderburg

Art Design  
Baxendell's Graphic

Printer  
ALCOM Printing Group, Inc.



The Pennsylvania  
Horticultural Society

Website  
[pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org)

100 N. 20th St.  
Philadelphia, PA 19103-1495  
215-988-8800

Chair  
John K. Ball

President  
Jane G. Pepper

Executive Vice President  
J. Blaine Bonham, Jr.

PHS Membership Information  
Linda Davis, 215-988-8776

Display Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Classified Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Garden Q & A Phone Line  
215-988-8777, Monday through Friday,  
9:30 to 12 [closed in December]  
[askagardener@pennhort.org](mailto:askagardener@pennhort.org)

GREEN SCENE (USPS 955580),  
Volume 37, No.3, is published bi-monthly  
(January, March, May, July, September, November)  
by the Pennsylvania Horticultural Society,  
a nonprofit member organization at  
100 N. 20th St., Philadelphia, PA 19103-1495.  
Single Copy: \$5.00 (plus \$2.00 shipping).

Second-class postage paid at  
Philadelphia, PA 19103.

POSTMASTER: Send address change to GREEN SCENE,  
100 N. 20th St., Philadelphia, PA 19103.

© 2009 Pennsylvania Horticultural Society

## CONTENTS



6



## FEATURES

**It Happens in Yellow Springs .....6**  
Each year, a magical herb sale takes place in Yellow Springs, PA, drawing hundreds of herb gardeners from all over the region. Come witness this special event deep in rural Chester County.

**Bullet-proof Clematis .....10**  
Ilene Sternberg says that *Clematis viticella* is a tough, must-grow plant for every garden. In this beautifully illustrated piece, you'll learn exactly why.

**Stop and Smell the Flowers.....16**  
Science met horticulture at Bartram's Garden last summer when a Swiss scientist came to town, trying to capture the elusive scent of the *Franklinia* tree to use in perfumes. Was he successful? Join Denise Cowie for a tour and the answers to this garden mystery.

**Wax Philosophic? .....22**  
Are you one of the many who think wax begonias are, well, *tacky*? Jo Ann Gardener would say that you're just not up to speed on the latest wax begonia introductions, many of which take this dainty old annual into the realm of hip, cutting-edge horticulture. Let's learn more.

# GREEN scene



## COLUMNS

**The Green Arranger .....28**  
*Going Green ... with Roses*

**The Multi-Purpose Garden .....30**  
*Color Your World*

**The Backyard .....34**

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover image: Pete Prown

# SUMMER TRENDS from the Flower Show

Walking around the 2009 Philadelphia Flower Show, *Bella Italia*, it wasn't difficult to pick up a few ideas for the upcoming gardening season. Beyond a doubt, "green" is in. Flower Show sponsors like PNC, Subaru, and PECO all highlighted major environmental initiatives at their displays, which speaks to the world we live in these days. *Sustainability* is no longer a jargon term for eco-gardeners; today it's part of the mainstream language of gardening, as we all are learning to tread more lightly on the earth.

With the current economic climate also on everyone's mind, Tom Taylor of Irwin Landscaping suggests that more people will discover the simple, low-cost entertainment gardening provides. "I hope our exhibit encourages some outside-the-box-thinking," he says.

Lauren Clabbers of Burke Brothers predicts perennial plants will have a big presence this upcoming spring. "Everything works in cycles, and from what I've read and seen, perennials will be making a comeback," she says. "Perennials make perfect sense in these economic times. They are largely low maintenance and can last for years."

Vegetable and herb gardening made a big splash at the Flower Show. The Camden Children's Garden, Hunter Hayes, Saul High School, Irwin Landscaping, the Men's Garden Club, and Meadowbrook Farm all included edible produce in their exhibits, highlighting both the thriftiness of growing one's own food and the spirit of Italy that was celebrated at the Show. At Michael Petrie's Handmade Gardens, a new variety of foamflower (*Tiarella cordifolia*) was unveiled, one that is heat and humidity tolerant. Named "FM Mooberry" after the well-known local horticulturist, these perennials are native to our area and also create habitat for those all-

important honey bees.

Another apparent trend reflects the notion of "the stay-cation" and living better at home. Exhibits from Garrett Churchill, Waterloo Gardens, and Nightfall Landscape Lighting all touted outdoor living spaces for entertainment and relaxation. EP Henry's exhibit even had its own bocce court, promoting an outdoor Italian game that the whole family can play.

Certainly, the Italian "Showcase Gardens"

at the Show, from Waldor Orchids, Jamie Rothstein, Stoney Bank, Burke Brothers, AIFD, and Robertson's Flowers, all served to remind us that, even in lean economic times, there is an important place for beauty in our lives. Whether a lavish landscape or a small container of cut flowers, plants and flowers connect us to our world and improve our lives.

Finally, the breathtaking exhibit celebrating Rome, from J. Cugliotta Landscape/

Nursery, conveyed to me one of the great garden truisms of all time: one can never, *ever* have too many roses (which probably explains why I bought 50 pale-yellow roses from Kremp Florists on the last day of the Show). Today's roses are more sustainable than ever, with new varieties of shrub and creeping roses able to take the heat and humidity of our Philadelphia summers, such as the Knock Out and Flower Carpet series. Roses also provide animal habitat and occupy areas previously covered by thirsty lawns, helping you save on your water bills.

So while some might bemoan the fact that we have to cut back in so many ways, others see the fresh opportunities that await us in the 21<sup>st</sup>-century garden. From greener, more sustainable plantings to new ways to engage the outdoors, the modern garden is shaping up to be a fascinating and still quite beautiful place to be.



## The Scoop from Mostardi Nursery

We asked Steve Mostardi from Mostardi Nursery of Newtown Square, PA (and a member of PHS Council), what trends he's noticing for the spring season. Here's his take:

"The biggest trend is the 'grow your own' movement. Garden retailers in those areas of the country where spring is just getting started are seeing major increases in sales of everything related to veggie gardening and home-grown fruits and berries. Container gardening will continue to trend upward with its connection to growing edibles of all kinds in planters, in addition to the increasing popularity of porch and patio pots being filled with colorful plants and shrubs on a year-round basis.

"Another significant movement is the growing demand for organic and/or natural remedies to address insect, disease, and weed problems. Products such as corn gluten (for weed control) now far outsell traditional chemical herbicides at most locally owned garden centers. Unique bio-control products are more readily accepted by our customers.

"Last but not least is the increasing interest in using native plants as alternatives to some of the old, tried-and-true favorites for the home landscape. Although these trends are keeping us plant folks on our toes, it's great to see so many positive changes happening in the garden." 🌱

“You Need More Beauty in Your life,  
Come to Nemours!”



## Nemours Mansion & Gardens

A dazzling restoration by world-class architects, gardeners,  
engineers, and craftsman has restored this premiere North American  
estate to its turn of the century magnificence.

A new visitor center, re-landscaped gardens and the  
spectacular mansion welcome the public.

---

**Alapocas Drive and Powder Mill Road (Route 141), Wilmington, DE**  
**For reservations call 1-800-651-6912 or go to [www.nemoursmansion.org](http://www.nemoursmansion.org).**

# PLANT-DEMONIUM



## A Visit to the Amazing Yellow Springs Herb Sale

By Daniel Moise

**H**istoric Yellow Springs, a 142-acre village in Chester County, PA, is a quiet place with courtyards, meadows, and enchanting eighteenth-century houses. Yellow Springs is, in a word, *tranquil*.

The loudest thing you'll likely hear is the chirping of a bird.

Except for one day in May.

Once each year, the serene setting turns near-raucous as the Philadelphia Unit of the Herb Society of America (HSA) hosts its annual herb sale. Early that morning a crowd starts to assemble on the hillside and, before long, a seemingly endless line snakes its way down the country lane.

"You look up and see an army of mostly women equipped with baskets. It's clear they are ready to shop," says Ruth Flounders, a vendor at the sale.

Such hubbub over herbs? It may seem surprising, but to the hundreds of people who attend, this date has been marked on their calendars for months. After all, the sale offers an extensive selection of high-quality herb plants.

The 40-some members of the HSA Philadelphia Unit take pride in this event, a tradition dating back to 1939. Planning for next year's sale begins



Joyce Brobst & Caroline Amidon

almost as soon as this one is over. As an HSA member (and former president), Caroline Amidon opens her home greenhouse to the 2,000 or so plugs that she and her colleagues cultivate for the Yellow Springs sale. Caroline insists that preparing for the sale is almost as much fun as the actual event, citing the camaraderie among the group. In addition to the horticulture, Caroline believes there's a common thread that bonds HSA members. "Whether here in Philadelphia or anywhere I've traveled, it seems like 'herbies' are all alike: interesting people who are involved in their communities," she says.

The Philadelphia Unit of the HSA meets monthly. The group studies plants (lavender is a favorite at the moment), takes cuttings, and hosts guest speakers. In the spring and summer they also enjoy outings to public and private gardens.

The annual herb sale is the group's primary fundraiser. This year the event is scheduled for May 14. While it officially opens at 10 am, Caroline has sage advice for first-timers: "Get there on time, if not early. We have thousands of plants, but they go quickly."

A second suggestion is to be prepared for any sort of weather, as the sale is a rain-or-shine event. "We have had downpours in past years, but that does not deter the crowd," Caroline says. "You must remember that plant people are a hardy bunch."

Sandy Young certainly fits the bill; she assumed the daunting role of sale chairperson for 2009. Yet Sandy is nothing but enthusiastic about the job ahead of her. "Our group is an incredible bunch of women," she says. "Being a part of it is a continual learning experience."

According to Sandy, variety is what makes this sale special. Whether common or unusual, all sorts of specimens can be found. The group also enjoys



Temple Ambler's Jenny Rose Carey



Catherine Rienzi of Yellow Springs Farm



A happy herb shopper with her catch

**THE 70<sup>TH</sup> ANNUAL HERB SALE OF THE HERB SOCIETY OF AMERICA, PHILADELPHIA UNIT**

**WHERE:** Historic Yellow Springs in Chester County, Pennsylvania

**WHEN:** May 14 from 10 am to 1:30 pm (rain or shine)

**INFO:** Visit [hsaphiladelphia.org](http://hsaphiladelphia.org) to learn more, or to reserve a seat at the luncheon.

exhibiting the diversity and versatility of herbs. “Don’t get me wrong, I love growing other plants as well, but herbs have medicinal and culinary uses in addition to visual appeal. Fragrance, too, is something that really sets herbs apart,” Sandy says.

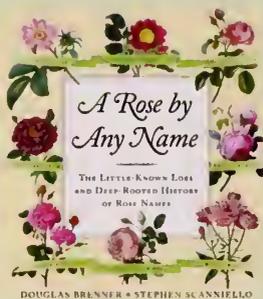
Ruth Flounders—who was a member of the Philadelphia Green Advisory Board when she lived in the city—recalls being bowled over by the sale’s offering when she and her husband first attended several years ago. “I couldn’t believe it. There were herbs that I had only read about before! When we went the following year, we brought 20 of our gardening friends with us,” she says.

Now the Flounders own and operate a nursery in Auburn, PA, called *Roses in Thyme*, one of two independent vendors invited to the herb sale (the other being Yellow Springs Farm, profiled in the February 2007 issue). Ruth says, “We’re proud to be a part of it. The HSA Herb Sale is the best place to find hard-to-come-by plants and speak with friendly, knowledgeable people.”

And while there’s no denying the sale is a pleasant day for all involved, there is one polarizing issue that’s best not to mention: whether the “h” in herbs is silent. Always the peacemaker, Caroline contends, “You can pronounce it however you wish. For me, it depends on how it falls in the sentence.” 🍀



Foxgloves for sale



### A Rose by Any Name

by Douglas Brenner & Stephen Scanniello  
(320 pp; \$19.95)

Subtitled “The Little-Known Lore and Deep-Rooted History of Rose Names,” this charming little book belongs on the shelf of anyone who likes roses, history, or etymology (certainly a trifecta for many gardeners). Did you know you can throw one heck of a banquet in your rose garden, with names like ‘Barbecue’, ‘Cheesecake’, ‘Mint Julep’, and ‘Peanut Butter & Jelly’? (And after all that celebrating, you might as well plant ‘Weight Watcher’s Success’.) Or that the yellow rose of Texas was actually bred in New York City? The Delaware Valley pops up throughout the book, from Conard-Pyle Co., the venerable Chester County rose grower, to the ‘Connie Mack’ rose, a red floribunda named for the esteemed Philadelphia Athletics baseball manager. Think your name belongs on a rose bush? This book tells you how to make sure you bloom through the ages.

—Betsie Blodgett

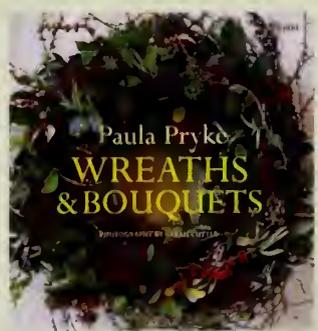


### Pocket Gardens: Contemporary Japanese Miniature Designs

by Michael Freeman & Noriko Sakai  
(224 pp., \$29.95)

This small, exquisite book lavishes attention on the courtyard gardens of Japan. Rocks, moss, grass, and even the hard façades of an adjoining building all play a vital role in these tiny tableaux. Some feature just one tree and a few decorative “hard-scape” elements, yet the effect is beautiful and powerful. Note, for example, the photos of a small, pebble-covered niche with a maple tree as the sole focal point. Simplicity, of course, is the core element in this style of Japanese design, as well as meticulous—and seemingly natural—grooming. Certainly, some may flip the pages and wonder, “Where are the flowers?” but others will exclaim, “Breathtaking.”

—Pete Prown



### Wreaths & Bouquets

by Paula Pryke  
(160 pp; \$35)

London-based floral designer Paula Pryke has a devoted following, and this lavishly illustrated book will not disappoint her fans. Pryke’s clear, step-by-step instructions for her designs—from small hand-tied spring bouquets to lush fall-inspired wreaths packed with meaty succulents—will inspire both novice and accomplished arrangers. A few minor complaints: some designs look a little dated, while others—like the “Birthday Party Bonanza” arrangement for a children’s party that calls for \$100 worth of specialty roses—are extravagantly *outré* for 2009 budgets.

—Betsie Blodgett



## Heat Shed, Inc.

Solar Photovoltaic Systems  
Residences & Commercial Systems

P: 610-847-2064  
F: 610-847-2110  
[www.heatshed.com](http://www.heatshed.com)

Heat Shed, Inc.  
267 Rock Ridge Rd.  
Revere, PA 18953



Since 1977



**SHREINER**  
TREE CARE SPECIALISTS  
610-265-6004

## Are Your Trees Safe?



Testing for decay in a tulip poplar.

- *Trees close to your home require particular attention – safety pruning and regular examination for health and structural integrity.*
- *With this new testing method, our arborists can confirm a potential hazard, which will reduce the unnecessary removal of trees that otherwise could be saved.*

*Schedule your complimentary tree testing today.*

[www.shreinertreecare.com](http://www.shreinertreecare.com)

# ECODESIGN

AND MANAGEMENT

## Open House & Landscape Demonstration

403 W. Lafayette ST. West Chester

**June 13, 2009**

9:30 AM–8:30 PM

### SCHEDULE INCLUDES

**Creating a Backyard Habitat**  
Mixed Shrub and Tree Screening

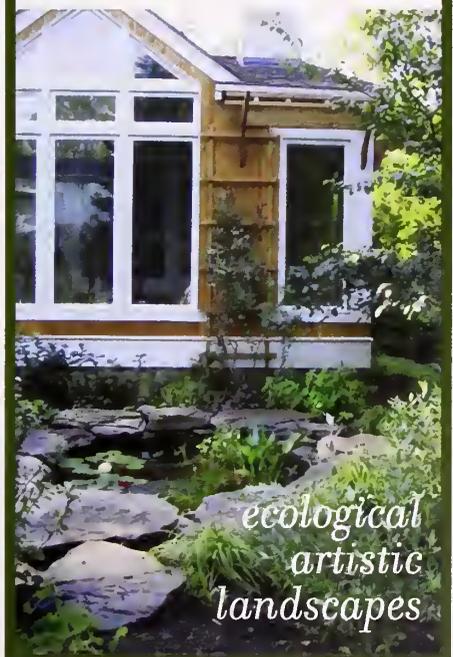
**Ornamental Pond Design**  
Elegant and Worry-free

**Vegetable Gardening**  
High Yield in a Small Space

**Garden Lighting**  
Low-voltage, Artful Designs

**Twilight Celebration**  
Watch Garden Lights Emerge

For more information go to:  
[www.ecodesignmanage.com](http://www.ecodesignmanage.com)  
please register for sessions in advance



*ecological  
artistic  
landscapes*

# CAREFREE



Use viticellas  
anywhere in the  
garden—on walls,  
fences, or roofs;  
over sheds; up a pole;  
or over a pergola  
or arch.



Story by Ilene Sternberg  
Illustrations by Laurel Voran

# CLEMATIS

Carefree clematis ... oh, really? Well, yes. *Clematis viticella* ("small vine") and its hybrids are as close to infallible as you'll find. Easy to plant, quick to establish, and coddle free, viticellas usually flower the first year and more profusely thereafter, virtually nonstop through their bloom period. Blossoms come in a variety of shapes and sizes and in every color but yellow. Plants range from 5-foot herbaceous (non-clinging) types to 20-foot climbers and sprawlers, flourishing in full sun to partial shade, to suit diverse designs and situations.

Best of all, this super-hardy, showy group almost never gets a case of the vapors (fainting for no reason). Despite producing lovely plants with huge blooms, the original crossing of clematis with the Chinese *C. lanuginosa* introduced the dreaded "clematis wilt" to the genus. Thus, only a few of the largest-flowered viticellas, those which may have a hint of that demon in their genes, are even mildly susceptible to wilt, and usually only before the plants have established themselves.

*C. viticella* was introduced to Britain in 1569 from the Mediterranean countries, where it grows wild from Portugal through Italy, Greece, Turkey, and into Iran and Western Asia. Through chance and deliberate crosses came the many viticellas known today. *C. viticella*, the straight species, having bestowed its vigor to all its progeny, is still available and garden-worthy.

Jeff Jabco, director of grounds and

coordinator of horticulture for the Scott Arboretum of Swarthmore College, says, "At the International Clematis Society in Sweden this past summer, I met clematis breeders from Poland, France, Holland, Estonia, Ukraine, New Zealand, and other places where work is being done. We visited gardens, and I saw lots of 'Blue Angel', a very impressive plant with light blue wavy margined flowers. It blooms here from June through September."

Another worthwhile pale blue viticella, 'Perle d'Azur', the world's most popular clematis, has ruffled 3- to 6-inch semi-nodding, flat flowers in profusion. 'Betty Corning' blooms continuously in my own garden from early May through October. Its delicate 2-inch nodding light blue-lilac bells, gracefully flaring at the bottom and recurving at the tip, are lightly fragrant and attract hummingbirds. I grow this non-clinger weaving through a tall azalea.

"'Polish Spirit' is so vigorous," Jabco says, "that I had to move it when it reached 15 feet. From June through September, it blooms heavily by my front door with rich, velvety purple 3-inch flowers. It's a perfect pick for a novice. It also grows up a cyclone fence at Scott." Some consider 'Negritjanka' the best deep purple (almost black). 'Emilia Plater' is another outstanding viticella in that color range with 4-inch pale blue-violet blossoms marked with a darker bar. Jeff says, "'Venosa Violacea' is certainly one of my favorites. Its 4-inch flowers, purple

with darker anthers, have a prominent white center. We have it growing around the vegetable garden at Scott." Double-flowering 'Purpurea Plena Elegans' has dainty, fully double, 2-inch rosy-purple blossoms. It makes an excellent cut flower.

For a white viticella, Jabco loves 'Alba Luxurians'. Its intriguing flowers are white with green-tipped tepals and a green midrib on the reverse; it grows up a tree in his garden. The green grows more pronounced in shade. 'Huldine' is my favorite white. It starts blooming in July and sometimes continues until November over a split rail fence in my garden. It has pearly white 4-inch flowers with an attractive violet stripe on the back. 'Little Nell' is another beauty, with creamy white flowers edged in mauve. A floriferous twiner, 'Minuet' flowers from July through September. Its bouncy 2- to 5-inch flowers have four white tepals edged in rosy-purple.

'Etoile Rose', which also grows to 15 feet, blooms from mid-summer to early autumn with nodding 2-inch flaring trumpets, pink with a rosy stripe. Jabco mourns the demise of his  $\times$  *triternata* 'Rubromarginata', highly perfumed and covered with myriads of 1- to 2-inch, deep rose-tipped white stars. "I had one at my house, and it was destroyed by a construction project," he says, "but I'm going to get it again."

Vigorous and free-flowering 'Abundance' will cover an arbor quickly and blooms from June through September. It has reddish-pink, semi-nodding

## Carefree Clematis

flowers with textured veined tepals and chartreuse anthers. Long flower stalks make it useful for floral arrangements. 'Avant-Garde' is one special red. Not only will it bloom July through October, but its profusely flowering small blossoms have a delightful boss of pink staminoides in the center. Another recommended red is 'Kermesina' (sometimes called 'Rubra'), a mid-late summer performer with 2 1/2-inch wine-red flowers on long stems.

Mulch viticella annually with manure, or apply general fertilizer in spring and fall. Keep them well watered—1 to 2 gallons per week. In February and March, prune stems down to the first two nodes or *even right down to the ground*. Stem rot (clematis wilt) shouldn't occur. If it does, cut the ungrateful stem to the ground and new healthy shoots will appear.



C. 'Venosa Violacea'

The Williamsburg Collection  
A GARDENSHEDS® EXCLUSIVE

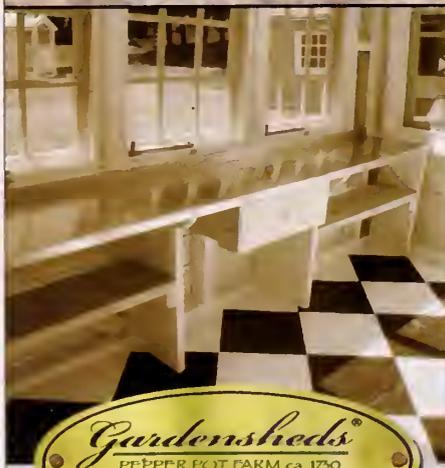


Beautify your landscape with  
Timeless design and  
Uncompromising craftsmanship  
reminiscent of another era.

Our original products are fully  
Assembled, finished, and shipped from  
our Pennsylvania workshop  
To 48 States.

View our entire collection of  
Gardensheds, Greenhouses,  
Screen Houses, Pool Houses, Pavilions,  
Follies, Entry Gates, Estate Planters,  
Bird Houses and Dog Houses.

[www.Gardensheds.com](http://www.Gardensheds.com)  
Toll-FREE: 877-SHEDS-11



Gardensheds®  
PEPPER POT FARM ca. 1750  
[www.gardensheds.com](http://www.gardensheds.com)  
Original Handcrafted Buildings and Follies

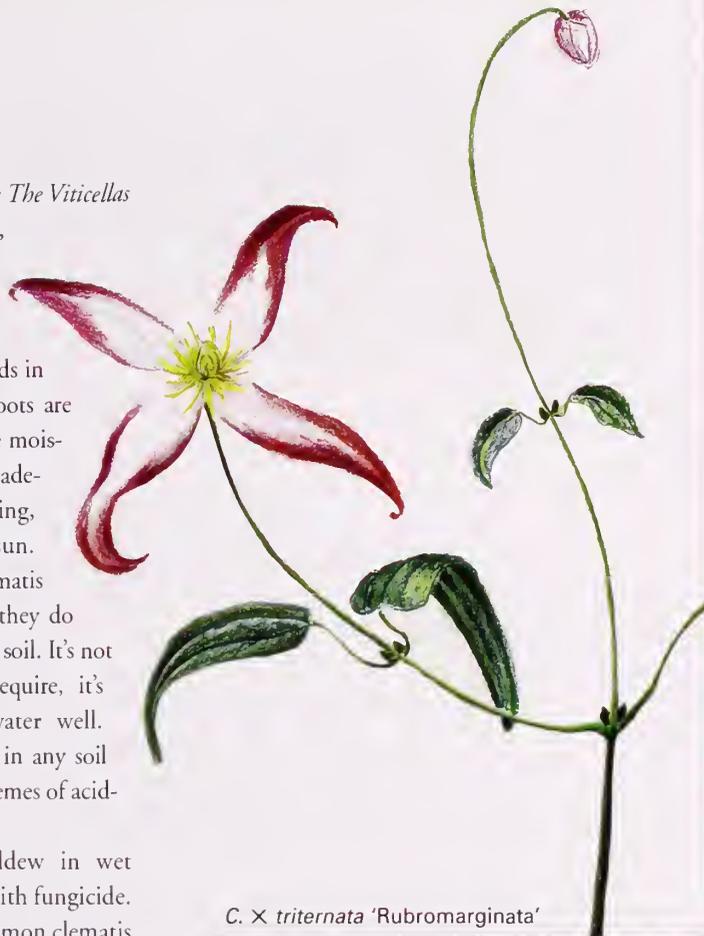
LAMBERTVILLE, NJ

In *Trouble Free Clematis: The Viticellas* (Garden Art Press, 1999), the late Dr. John Howells writes, "The idea that clematis like their feet in shade and heads in the sun is a myth. The roots are not seeking shade, just the moisture that lies in it. Given adequate water and mulching, they thrive in full sun. Another myth is that clematis require alkaline soil since they do so well in England's chalky soil. It's not alkalinity that clematis require, it's just that chalk holds water well. Given water they flourish in any soil as long as there are no extremes of acidity or alkalinity."

If you encounter mildew in wet seasons, spray promptly with fungicide. Earwigs and slugs are common clematis pests. A mid-summer earwig attack can quickly render a late-flowering clematis lacy. Safe pesticides and traps are available to control earwigs. Slugs sometimes attack young shoots. Prevent this by using slug bait early in spring.

Viticellas are easier to grow from cuttings than the large-flowered group. But the simplest way of propagating your plant is to layer it by bringing a long stem down, slipping it into a deep trench beside your plant, and pushing back and firming the soil so it will take root. If you do this on each side, in less than a year you'll have three plants instead of one.

Use viticellas anywhere in the garden—on walls, fences, or roofs; over sheds; up a pole; or over a pergola or arch. Grow them over shrubs and into trees. They'll climb over evergreens and groundcover roses and are natural companions for climbing roses. Grow the shortest ones in containers. And stop grumbling about clematis. These viticellas are foolproof. (Oh, and deerproof, too.) 🍀



C. X *triternata* 'Rubromarginata'

## SOURCES

### Brushwood Nursery

247 E. Street Rd.  
Kennett Square, PA 19348  
610-444-8083  
[gardenvines.com](http://gardenvines.com)

### Joy Creek Nursery (mail-order)

Scappoose, OR  
503-543-7474  
[joycreek.com](http://joycreek.com)

### Meadowbrook Farm

1633 Washington Lane  
Abington Township (Meadowbrook),  
PA, 215-887-5900  
[gotomeadowbrook.com](http://gotomeadowbrook.com)

### Mostardi Nursery

4033 West Chester Pike  
Newtown Square, PA  
610-356-8035  
[mostardi.com](http://mostardi.com)

# The Barnes Foundation



All materials and images © The Barnes Foundation 2009

Paul Cézanne, *Terracotta Pots and Flowers*,  
1891-1892, BF235.

The Barnes Foundation is open five days a week this summer. Come and enjoy an unparalleled aesthetic experience inside the Gallery and outside in the Arboretum.

The Barnes Foundation's collection of French Impressionist, Post-Impressionist, and early Modern paintings is unsurpassed in breadth, quality, and depth. The collection also includes important examples of African sculpture, American paintings and decorative arts, Old Master paintings, Native American art, Asian art, and ancient artifacts, which provide a rich context for the study of art and aesthetics.

The Arboretum, which features an exceptional collection of rare trees and woody plants from all over the world, a fern collection, formal gardens, and a lilac grove, provides an unparalleled environment for horticulture education. The 12-acre Arboretum, which surrounds the gallery building, reflects and enhances the beauty of the art inside.

For information on visiting the Barnes Foundation please call 610-667-0290.

To learn about art and horticulture classes and workshops offered at the Barnes, please contact the Education Department at 610-667-0290, ext. 2259, or the Arboretum at 610-667-0290, ext. 1071.

## THE BARNES FOUNDATION

300 North Latch's Lane, Merion, PA 19066 • 610-667-0290 • [www.barnesfoundation.org](http://www.barnesfoundation.org)



**Your Source  
for  
Native Landscapes**

WILDFLOWERS ~ SHRUBS  
TREES ~ MEADOWS ~ PONDS  
DESIGN SERVICES ~ CONSULTING

**EXPERT ADVICE FOR  
GARDEN DESIGN &  
INSTALLATION**



1165 Yellow Springs Road  
Chester Springs, PA 19425  
**610-827-2014**

[www.yellowspringsfarm.com](http://www.yellowspringsfarm.com)



Retirement  
Living at  
Waverly  
Heights

**Here are 5 reasons why our residents wished they'd  
moved to Waverly Heights sooner than later...**

- They have developed new and close friendships.
- They still have control over their new home as they did with their last one, but with less of the maintenance demands of running a household.
- They no longer worry about healthcare management if and when issues arise.
- They have more time to enjoy planned and impromptu social events.
- They thoroughly enjoy an award-winning landscape and beautiful gardens.

*Join us for coffee, a tour and ultimately, a lifestyle.*

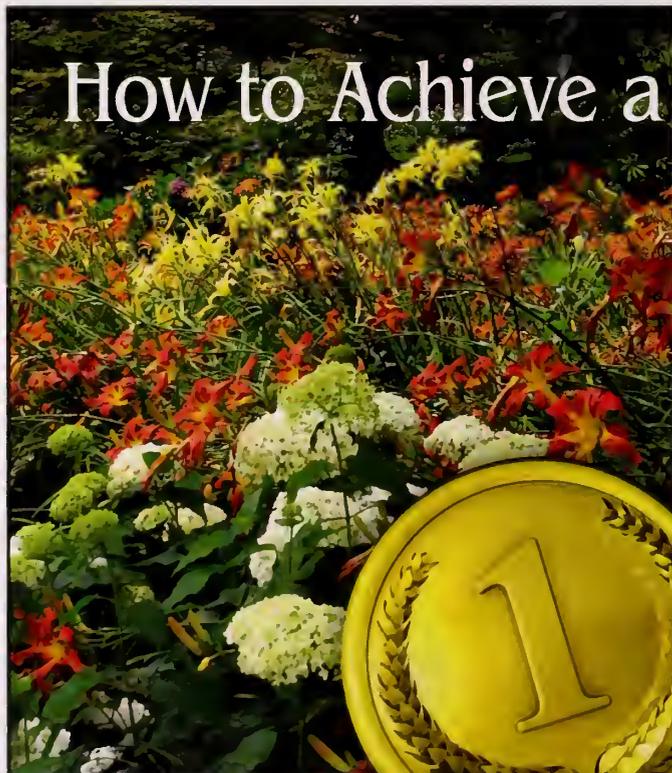


1400 Waverly Road, Gladwyne, PA 19035-1296

Tel: 610.645.8764 Fax: 610.645.8611

[www.waverlyheightsltd.org](http://www.waverlyheightsltd.org)

A nonprofit, non-sectarian lifecare community



**How to Achieve a Gold Medal Garden...**

**Start with  
High Performance Plants  
from Mostardi!**

We stock flowers, shrubs and trees that are recommended by the Pennsylvania Horticultural Society's "Gold Medal Award" program. They are superior plants that will provide longer-lasting beauty all around your home. Stop by today and check out our incredible collection of greenery. The colors are gorgeous. The values are exceptional. And the prices are surprisingly low for such high quality. But then, that's what you should expect from Mostardi plants. They are good as gold!



**MOSTARDI**  
N U R S E R Y

4033 West Chester Pike (Rte.3)  
Newtown Square, PA 19073  
610-356-8035 • [www.mostardi.com](http://www.mostardi.com)



*No Gloves. No Bugs. No Worries.*



## **We Grow Beautiful Gardens. Naturally.**

Since 1929, Espoma has been the pioneer in natural gardening solutions. From our leading plant food, Holly-tone, to our new Earth-tone control products, we have given generations of gardeners safe, effective solutions from the finest natural ingredients.

**The most trusted name in natural organics**  
**Proven results for over 75 years**

[www.espoma.com](http://www.espoma.com)



# STALKING THE SCENT OF THE FRANKLINIA



Anyone strolling around Bartram's Garden in Philadelphia one warm day last August must have wondered what was happening to the garden's most prized tree, the *Franklinia alatamaha*. Why were several of its lovely white blossoms sealed inside glass bowls? And what was being siphoned off through all that tubing?

It looked a bit like some experiment the tree's namesake, Benjamin Franklin, might have devised around the time he was inventing his Glass Armonica in the 1700s. But the twenty-first-century scientist conducting this research was in pursuit

of fragrance, not music.

Research chemist Roman Kaiser traveled from his home base in Switzerland to the garden, on the banks of the Schuylkill River in southwest Philadelphia, to capture the scent of the Franklinia flower so he could break down its essence and render it as a chemical formula that can be reconstituted.

Why? Because of the *Franklinia's* unique history. Kaiser plans to include Bartram's famous tree in *The Scent of the Vanishing Flora*, a book he is researching on the fragrances of endangered species. The story of how Colonial botanist John Bartram and his son

William rescued *Franklinia alatamaha* from extinction may be the most-often-told tale about Bartram's Garden. Visiting schoolchildren learn how the famed plant explorers discovered a small grove of the trees on a river bank in Georgia in 1765, and how William, on a later journey, collected seeds to grow in their Philadelphia garden.

That simple act saved the plant for future generations. The *Franklinia*, which the Bartrams named for John's good friend Ben, was never seen in the wild again after 1803. But nobody thought about saving its scent—until now.

As director of the natural scents research unit of Givaudan Schweiz AG, Kaiser has spent decades tracking scents all over the world for the Swiss-based company that specializes in fragrance and flavor. His goal was to capture and analyze promising natural scents and reconstitute them for possible use in a variety of products. In his quest for new scent molecules and scent concepts, he figures he has visited about 30 countries and investigated more than 2,500 species.

He has reconstituted about 500 of those scents. "Maybe 10 percent have found their way into perfumes such as Calvin Klein Escape, Armani Code, and Ralph Lauren Polo Black," says Kate Greene, vice president of marketing for Givaudan's fine fragrances division in New York.

But over the years, Kaiser told Bartram's Garden curator Joel T. Fry, he encountered "a respectable number of interestingly scented species which are today considered as being endangered." He began working on a book to document the composition of scents that would disappear from nature if those species became extinct.

"Such a book should also include some species which have already vanished from the wild," he said. Bartram's Garden was an obvious next stop.

Kaiser employs a method known as the "headspace technique" to capture the flower scent of a species. The process doesn't damage so much as a petal, which means he could employ it on even the most endangered of species around the world, "though the pump and battery with its attached tubing makes customs officers nervous," he says with a smile.



**Dr. Roman Kaiser**

Photo: Ivy Pate Proctor

Gently handling *Franklinia* blossoms still attached to the tree growing in front of Bartram's house last August, Kaiser placed over a flower a glass bowl, which was attached to a metal rod stuck into the ground. A thin sheet of material was stretched over the mouth of the glass and around the stem of the plant to make it as airtight as possible, and a needle-like adsorption trap about two inches long was inserted inside the glass bowl at the stem end.

With the help of flexible tubing and a battery-operated pump, the scented air surrounding the flower—the headspace—was drawn through the tiny scent trap for about an hour. Minute molecules of air and water



**Story by  
Denise Cowie**

## The Scent of *Franklinia*



A blossom in the glass bowl



John Bartram's house

Snow on the Mountain (*Euphorbia marginata*) grows prolifically at Bartram's Garden. It was first discovered by Lewis & Clark in the Missouri Valley.



Dr. Kaiser at work

The pump and tubing



passed unhindered through the trap, but scent molecules were captured by a minuscule adsorbent pad inside. (An adsorbent substance can attach other substances to its surface without any chemical action.)

The exercise was repeated, over a period of six hours, on different flowers, on the end of a branch with flowers and leaves, and even on a collection of fallen flowers and petals. Ultimately, scents captured in this way are recovered with the use of a solvent, and the samples are broken down into their constituent parts.

It's a far cry from the enfleurage technique that reached its peak in the nineteenth century, yet Kaiser says his traps do have something in common with that method of scent extraction, which dates back to the ancient Egyptians. Enfleurage works on the principle that fat absorbs smells—just as butter absorbs aromas in the fridge—so petals and other fragrant plant parts were steeped in fat, and then the essential oil absorbed by the fat was retrieved by using an alcohol solvent.

Much better known today is fragrance distillation, which uses steam and condensation to capture essential oils from plants. This natural approach may require four tons of flowers to produce a kilo of rose absolute, a commercial item used in fragrance.

By contrast, Kaiser can trap the scent of one flower and extract the formula that allows the

EXTENDED  
by Popular Demand

# THE PRODUCERS

The New MEL BROOKS Musical

MAY 12 –  
JULY 19



WALNUT STREET  
THEATRE

SPONSORED BY  
Progressive Business  
Publications

FOR TICKETS VISIT: [WalnutStreetTheatre.org](http://WalnutStreetTheatre.org) [ticketmaster](http://ticketmaster)  
OR CALL 215-574-3550 or 215-336-1234

MEDIA SPONSORS

B101 10 NBC  
NBCPHILADELPHIA.COM

## AT MEDFORD LEAS NATURE'S RIGHT OUTSIDE YOUR DOOR!

- WIDE CHOICE OF GARDEN-STYLE HOME DESIGNS
  - BEAUTIFUL ARBORETUM SETTINGS ON TWO CAMPUSES
  - IDEAL LOCATIONS FOR CULTURE AND RECREATION
  - SUPERIOR HEALTH AND WELLNESS SERVICES
- 
- HOME OF THE LEWIS W. BARTON ARBORETUM AND NATURE PRESERVE
  - MEMBER, GREATER PHILADELPHIA GARDENS



MEDFORD LEAS

A nationally accredited, Quaker-related, not-for-profit community  
for those age 55+, with campuses in Medford and Lumberton, NJ

[WWW.MEDFORDLEAS.ORG](http://WWW.MEDFORDLEAS.ORG)  
800.331.4302 • 609-654-3000





[www.galamont.com](http://www.galamont.com)

Personally Designed Unique Garden Structures!

- Distinctive in Design
- Outstanding in Appearance
- Superior in Quality

**GalaMont**  
Great Places Great Times

877•350•3551  
[www.galamont.com](http://www.galamont.com)  
[sales@galamont.com](mailto:sales@galamont.com)

### Select Apartments & Assisted Living Suites Now Available

**Foulkeways**  
AT GWYNEDD

A Quaker Community Where  
Caring is a Way of Life

**Setting Standards of Excellence in  
Retirement Living Since 1967**

Gwynedd, PA • 215-643-2200 • [www.foulkeways.org](http://www.foulkeways.org)

Foulkeways® at Gwynedd does not discriminate on the basis of race, color, religion, national origin, gender, age, handicap or sexual orientation.

## The Scent of **Franklinia**

natural scent to be reconstituted synthetically.

But perfumery is both science and art.

“The basic principle of how we smell scents is by comparison to our olfactory experiences—our own library,” Kaiser says. “So if you are searching for new notes, you should have as wide an (olfactory) experience as possible.”

Few people have had more diverse experiences than Kaiser: He has been part of expeditions that used a blimp to gain access to natural scents of rainforest canopies in several countries.

The first such foray in 1996 was to the Amazonian rain forest of French Guyana, where a diesel-powered dirigible hovered more than 150 feet above the ground. Suspended below the blimp was a raft-like craft that floated over what Kaiser calls “the green ocean” of the canopy. Three researchers could stand on it to get close to the trees and scents they wanted to investigate.

“Scents are the indicator for life,” Kaiser says. “Rain forests are high in living things, so they are correspondingly high in scents.”

Back on the ground at Bartram’s Garden, the question arises: What does a *Franklinia* flower smell like?

John Bartram’s younger cousin, Humphry Marshall, wrote in 1785 that it was scented “with the fragrance of the China Orange.” Joel Fry thought the spent flowers on the ground last August smelled like overripe apples.

And Kate Greene describes it as a “beautiful tea-like scent.”

However it is perceived by individual noses, the scent of Bartram’s tree will now live on in Kaiser’s book—and in the perfumers’ palette. 🌿

Denise Cowie is an amateur gardener and Australian transplant who fell in love with the history of horticulture in Philadelphia during the years she wrote about gardening for the *Philadelphia Inquirer*.

Thanks to Joel Fry, curator at Bartram’s Garden, and Kate Greene of Givaudan for their assistance with this article.

# NATURESCAPES™

*Designing with the Future in Mind*

**610-640-0164**

*Serving The Main Line For Over 30 Years*



***We Design & Install:***

- Naturalistic, Low Maintenance Landscapes
- Gardens With Year Round Interest
- Perennial Gardens
- Ponds & Waterfalls
- Patios
- Pathways, Walkways & Steps
- Retaining Walls
- Outdoor Lighting



[www.naturescapes-pa.com](http://www.naturescapes-pa.com)



Find us  
in *your* backyard.

**BURKE  
BROTHERS**  
Landscape Design / Build  
215 . 887 . 1773



**burkebrothers.com**

No longer the dull cousins of more flamboyant and glamorous begonias, wax begonias (*Begonia* × *semperflorens-cultorum*) are taking on a new, dramatic look as breeders find ways to add different species to an already complex hybrid mix. When I started growing wax begonias several years ago, I was pleasantly surprised by their adaptability. I was bowled over by their constant and prolific production of flowers on plants that never complained of neglect or needed deadheading. No wonder these accommodating plants are described as “everblooming,” as in their Latin epithet, *semperflorens*. Discerning gardeners may think wax begonias are too common until they put them to the test in their gardens. Then, I think these winning annuals—not deer favorites—make their own case.

It’s hard to believe that today’s annual wax begonia (a perennial in its native Brazil) was discovered in 1821 by accident when seeds germinated in the soil of other plants brought to the Berlin Botanical Garden. These produced fibrous-rooted, ungainly begonias (*Begonia cucullata*) with sparse white to pink flowers. It was not until the late 1800s, when plant breeding began to take off, that the plant’s possibilities were explored by crossing it with another species, *B. schmidiana*. The offspring were further developed through selection and hybridization with a variety of other species, resulting in more compact plants with glossy green (the origin of “waxy”) or bronze to dark red oval foliage on reddish stems. The pink, rose, and red flowers are small, rounded, and glistening, and produce continuously throughout the season. Further breeding and sporting has brought larger flowers, deeper colors, semi-double, double and bi-colored flowers, as well as splotched foliage. Most recently, ‘Dragon Wing’ has added extraordinary vigor and pendulous branching; it is at its most dazzling in containers and hanging baskets.

Trying to choose cultivars from the large number available can be bewildering. Look

for types that offer distinction in their foliage, flowers, habit, or early bloom. Most wax begonias grow from 6 to 18 inches tall with a spread of 6 to 12 inches wide and, depending on the variety, can grow in sun or bright shade. In some varieties, green leaves turn red in sun or may be less vigorous in full shade. All wax begonias make exceptional winter houseplants and root easily from cuttings.

### GREEN-LEAVED

‘Super Olympia’ is one of the best green-leaved varieties and a great choice for all gardeners. Plants are vigorous, compact, and bloom extra early in a wider range of colors than usual: coral, pink, red, rose, rose-rimmed white (bicolored), and white. Plants in containers may reach 2 feet tall. ‘Bayou’, 10 to 14 inches tall, produces a rose/white bicolor, too, as well as red flowers. It is also very vigorous and germinates easily, a boon to those who like to raise plants from seed.

While most wax begonia flowers are 1 to 1 1/2 inch wide, blooms in the Lotto series are jumbo size, up to 2 inches, in shades of pink, apple blossom (blush pink), scarlet, and white and show up well against Lotto’s large green leaves. This is a good choice for a container. Super vigorous and early-blooming ‘Braveheart’ is an exciting new introduction for its shrub-like habit, outstanding as a pink-flowered 2-foot-tall hedge. It has the added advantage of performing well in full rather than partial shade.

### BRONZE-LEAVED

“Bronze” in wax begonia terms ranges from reddish to nearly black. ‘Vodka’, a dark foliage cultivar in the immensely popular Cocktail series, produces deep red flowers. Bushy, vigorous, and on the short side at 8 inches, it is a neat and effective edger for sun or partial shade. The newer Bada Boom series is similar in habit with dark bronze leaves, and is considered one of the best for its foliage. Colors range from pink and rose



# The Return of WAX BEGONIAS



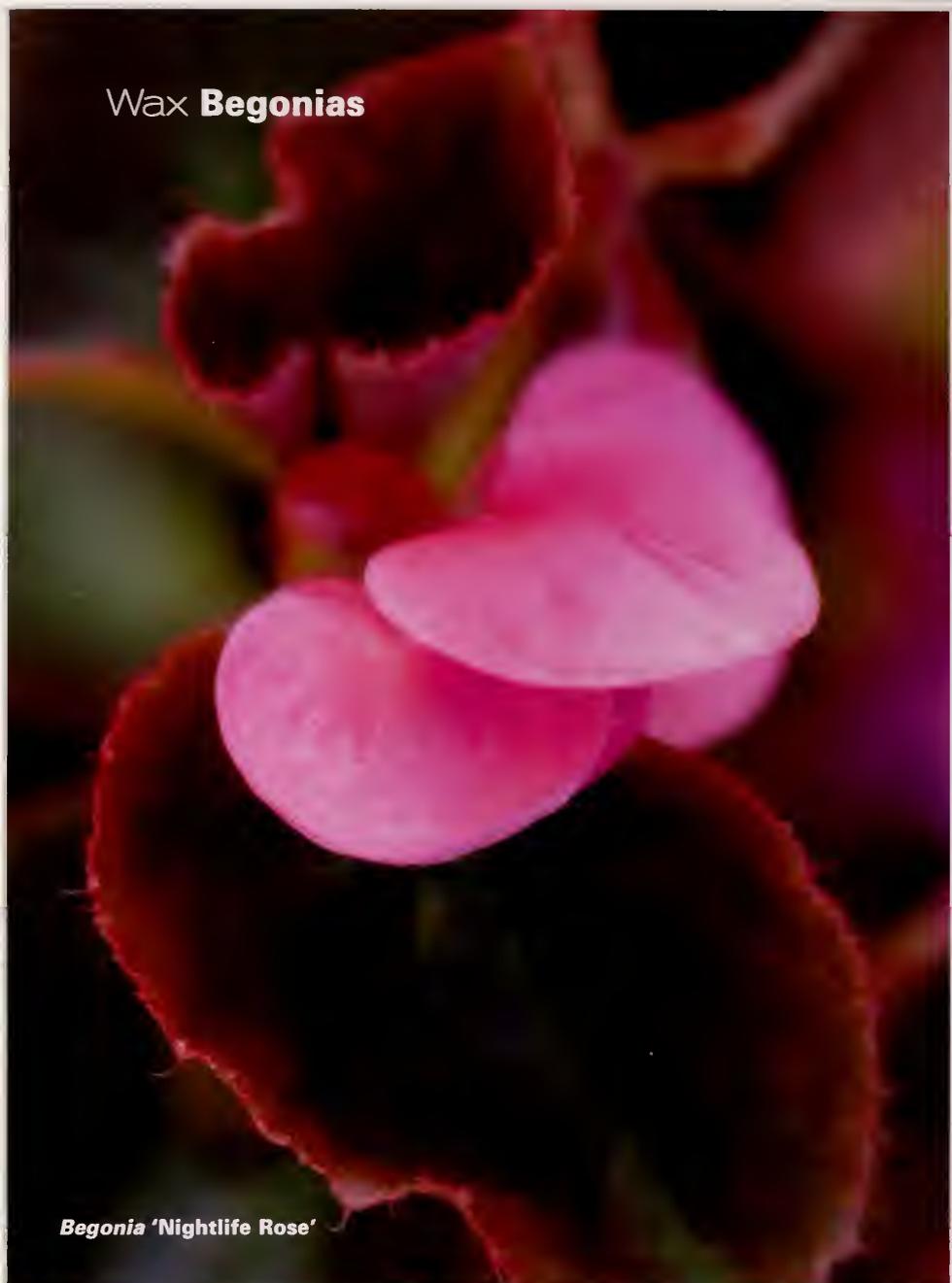
Story by  
Jo Ann Gardner

Photography by Dency Kane

## Wax Begonias

### Growing Wax Begonias at Home

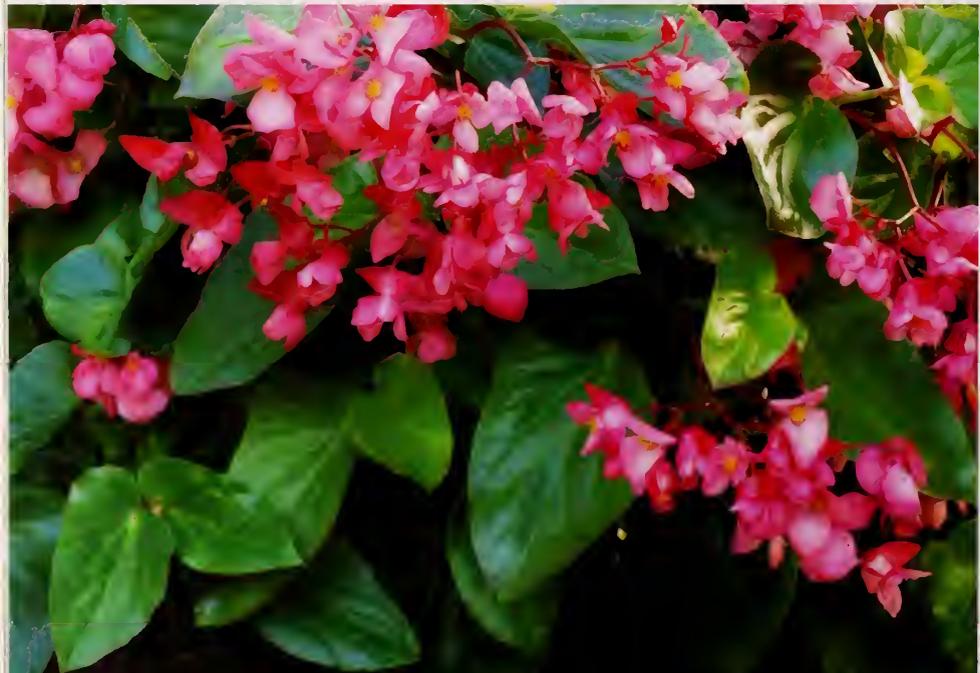
To grow wax begonias from seed, use sterile pre-moistened soil mix of equal parts sand and peat. Sow the fine seeds evenly over the surface, then sprinkle it very lightly with sand to maintain humidity. Cover container with thin plastic and maintain heat at 70° F. Germination takes about 3 weeks.



*Begonia* 'Nightlife Rose'



*Begonia* 'Prelude'



*Begonia* 'Dragon Wing Pink' in a hanging basket



*Begonia* 'Pink 1000 Wonder'



# Italy for life

CULTURE THAT INSPIRES. ARTISTIC BEAUTY THAT FASCINATES.



**Live the best movie of your life.**

Italy, beyond its Cities of Art rich in history and culture, offers you the best locations: sea, hot springs, convention halls and nature. Everywhere, you will feel you are the star.

[www.italiantourism.com](http://www.italiantourism.com)



ITALIAN  
GOVERNMENT  
TOURIST BOARD



## WELCOME THE WONDERS OF NATURE TO YOUR OWN BACKYARD

### GATEWAY GARDEN CENTER

Invites you to experience and protect our natural world. We offer plants that provide beauty as well as habitat for our birds, bees and butterflies.

gatewaygardens.com  
7277 Lancaster Pike  
Hockessin, DE 19707  
302-239-2727



## Legacy Landscapes Planting the Future of PHS



Legacy Landscapes is a \$12.1 million campaign to establish an endowment fund to support the horticultural maintenance of civic and neighborhood landscape projects of the Pennsylvania Horticultural Society. For more information please contact the PHS Development Office at 215-988-8800 or visit [www.pennsylvaniahorticulturalsociety.org](http://www.pennsylvaniahorticulturalsociety.org)



## The Pennsylvania Horticultural Society

## Wax Begonias

to scarlet and white.

One of the most striking of the bronze-leaved types is 'Lady Francis', a natural mutation discovered in Humble, Texas. It is distinguished by its fully double camellia-like pink flowers blooming over rich mahogany-red foliage.

### VARIEGATED FOLIAGE

The less plentiful wax begonias with variegated foliage stand out from the crowd. White-blotched foliage appeared in 1886, followed by yellow-marked foliage in 1892. In 1948 Logee's Greenhouses introduced 'Charm' (also called 'Pink Charm'). Its vivid green foliage is blotched gold and cream and its flowers are pink. When grown in bright light rather than partial shade, leaf variegation turns blush pink. There are now more variegated wax begonias with different colored flowers.

"Who knows what new characteristics will be introduced into wax begonias?" asks Mark Tebbitt, author of *Begonias* (Timber Press, 2005). It's a good question. The more than 1,500 species in the genus *Begonia* can be crossed or hybridized with one another, a remarkable trait that opens the door for infinite variations.

We have seen this process at work in the debut of 'Dragon Wing', followed by 'Babywing'. Each is derived from different species with cane-like stems and angel-wing leaves (large, angled, wing-like foliage), resulting in wide-spreading, 12- to 15-inch-tall plants that are drought and heat tolerant and extraordinarily vigorous. In 'Babywing', the glossy green foliage is slightly angled, the flowers pink or white. The leaves of 'Dragon Wing' are more pointed or shield-shaped, the stems more pendulous, the flowers pink or red. When wintered over indoors in bright light, plants can attain great width. 'Dragon Wings' has risen to the top in terms of popularity.

It's exciting to consider what may be next for wax begonias, plants of humble origin with endless possibilities. 🌿

Unprecedented Experience • Personal Service • Exceptional Quality



**IT'S THE MCFARLAND WAY!**

Call today to schedule a free professional consultation to review your property.



**MCFARLAND**  
Tree & Landscape Services

215-844-TREE (8733)

610-688-6644

Fax: 215-438-1879

[www.mcfarlandtree.com](http://www.mcfarlandtree.com)

## Savor the Seasons at Bartram's Garden

Bring your family and friends  
and experience Nature's Marvels

*Take home a Native Plant*  
**Spring Plant Sale**  
Friday, May 1  
Saturday, May 2

*Travel by Boat*  
*to Bartram's Garden*  
**Mother's Day**  
**Scenic Schuylkill Boat Cruise**  
Sunday, May 10

*Bring your Garden Club*  
**Book your group today**



120 PAGE CATALOG - \$3  
WE SHIP ALL YEAR LONG

957 Patterson Rd.  
Jackson, NJ 08527  
732-833-0613

**ORDER ONLINE AT**



rare**FIND**nursery inc

**Unusual Hardy Rhododendrons,  
Azaleas, Shrubs, Trees & Perennials.**

Come visit our 11 acre nursery  
including our 4 acre display garden.  
Open Wednesday-Saturday, 10-4  
(directions on web site)

**[www.rarefindnursery.com](http://www.rarefindnursery.com)**



**BARTRAM'S  
GARDEN** 1728  
National Historic Landmark House and Garden

NEW Tours available  
Fridays, Saturdays, and Sundays  
10:30 am to 4:30 pm

**[www.bartramsgarden.org](http://www.bartramsgarden.org)**  
**(215) 729-5281**

## Morris Arboretum

*experience*  
**sculpture**

New original artwork from  
**PATRICK DOUGHERTY**

Now in the Morris Arboretum's Madeleine  
K. Butcher Sculpture Garden. Constructed  
from sticks and saplings and inspired by the  
Arboretum's surroundings.

Open Daily 10am - 4pm, Weekends until 5pm



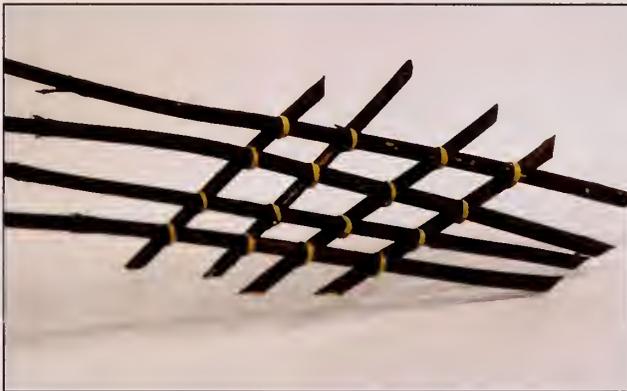
Morris Arboretum of the  
**University of Pennsylvania**  
Official arboretum of the Commonwealth of Pennsylvania

100 East Northwestern Avenue  
Philadelphia, PA 215.247.5777  
[www.morrisarboretum.org](http://www.morrisarboretum.org)





# ARRANGING "GREEN" WITH ROSES



Right: Create your grid by crossing stems of branches and tying or wiring at the intersections.

**R**oses are not only beautiful in the garden, but they also make wonderful flower arrangements. For this design, pick a filler flower such as lady's mantle or another small-leaved groundcover.

When picking your roses:

**Prepare.** Check to see that your knife or clippers are sharp and clean. Floral shears and bypass clippers cut flower stems cleanly. A sharp florist knife is even better.

**Examine.** Examine the plant for the best blossoms and also for the best place to cut to maintain a good shape for the plant.

Each stem will have several sets of leaves. Leaves closer to the blossom will have three leaflets per cluster, and those nearer the main stem will have five. The best place to cut is just above the first group of five leaflets.

How far above the leaflets you cut is important. The cut should be between 1/8 and 1/4 inch above the leaflet. If it is too far above, the stem will die and be unattractive on the plant. If it is too close to the leaflets, it may damage the plant and prevent healthy growth.

**Cut.** In early morning or evening, carry a clean bucket or vase of clean, warm water into the garden. Cut roses and put immediately into water.

**Condition.** For greatest longevity of your roses, bring them indoors and re-cut stems under clean water. Strip foliage below water line and put roses back into water for 4 to 6 hours or overnight in a cool, dark place. Thorns need not be removed, but be careful when handling the stems.

Floral preservative (see *Green Scene* September, 2008) can help extend the life of your flowers, but if used in the conditioning phase it should be used each time the water is refreshed.

**Arrange.** Your roses can be supported in a vase with a grid made of branches. Any straight branches of about 1/4 to 1/2 inch in diameter will do. Birch, red twig dogwood, and willow are excellent choices. You can be a little creative; structures do not always have to be square.

Once your grid is created, you can use it again and again by removing faded blossoms, cleaning vases, and adding clean water and fresh flowers. 🌿



Above: Pink roses and lady's mantle make a beautiful early-summer combination supported by birch branches. The support becomes a decorative part of the arrangement.



Three vertical branches will create a tripod to support your grid in a vase. This is optional and the grid may simply be laid over the top of the vase.



Right: Red, orange, and yellow roses and lady's mantle are supported by a less visible black twig dogwood grid.

PHOTO: BY PATRICIA MCKINLEY

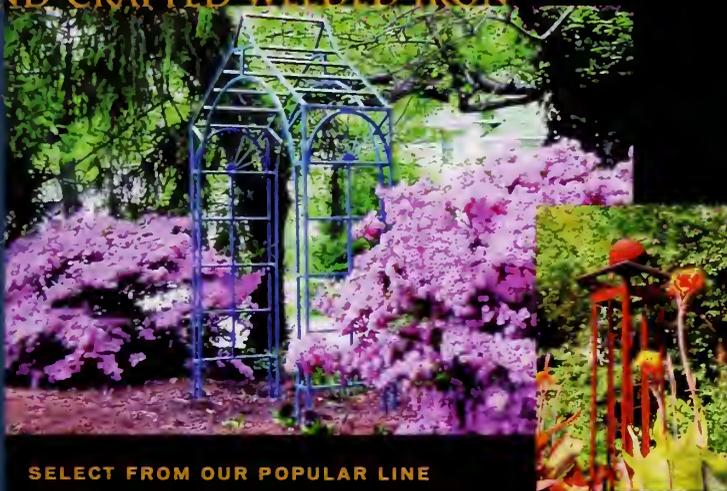
See our  
**NEW** styles!

**FOXGLOVES**

foxglovesgardengloves.com 888.322.4450

**H**AND-CRAFTED WELDED IRON

ARBORS  
TRELLISES  
GATES  
ARCHWAYS  
OBELISKS  
TOWERS  
PAVILIONS  
PERGOLAS  
BENCHES  
FENCES  
RAILS



SELECT FROM OUR POPULAR LINE  
OF PRODUCTS OR LET US  
CUSTOM DESIGN/BUILD TO  
YOUR SPECIFIC NEEDS.



*The Painted Garden, Inc.*

(215) 884-7378

WWW.THEPAINTEDGARDENING.COM

304 EDGE HILL ROAD, GLENSIDE, PA 19038

SHOWROOM BY APPOINTMENT

Lewes, Delaware



Mary Vessels Park

Visit Historic Lewes, Delaware and tour our "hidden" private gardens at the 19th Annual Lewes Garden Tour sponsored by the Lewes Chamber of Commerce on Saturday June 20th from 10 AM to 5 PM. Mention this ad and reserve your discounted Garden Tour ticket for \$14.00.

For more information contact the Lewes Chamber of Commerce at 877.465.3937 or visit [www.leweschamber.com](http://www.leweschamber.com)

"Nantucket-Style" on the Delaware Coast



Coastal Retreat and Event Destination

Located on the waterfront in the heart of Historic Lewes, The Inn at Canal Square offers guests lavish comfort coupled with seaside charm.

Complimentary European-Style breakfast and Guest Fitness Room

Mention this ad when making your reservation for the Garden Tour and join us for a wine and cheese reception on the evening of June 19th.

Inquire about our Spring & Summer Packages

122 Market Street • Lewes, DE 19958

Ph 302.644.3377 • Resv 888.644.1911

[www.theinnatcanalsquare.com](http://www.theinnatcanalsquare.com)



## COLOR YOUR WORLD



*Eupatorium* sp. and  
*Salix purpurea* 'Nana'



*Zinnia* 'Profusion Cherry',  
*Melissa* 'All Gold', and  
*Ipomoea* 'Sweet Caroline'

Photos by N. Ondra

Gardens are a treat for all of the senses, offering fragrance to smell, flavorful fruits and foliage to taste, leaves and petals to touch, and rustling leaves to hear. The sense that's most obviously gratified, though, is that of sight. We see the changes in our plants through the seasons, watch their movement in the breeze, and observe the animals and insects that call our gardens home. We admire the interplay of forms and textures and—perhaps most keenly—enjoy the colors of the flowers, leaves, stems, and fruits.

Some gardeners thoughtfully use color to create picture-perfect plantings. Weaving flowers and foliage that echo the colors of your house, fences, or walkways into your beds and borders can visually link your garden to its setting, giving a designer touch to even a simple planting. Choosing plants with a distinctive flower or foliage color and spreading them throughout your garden is another way to use repetition. Purple foliage is particularly handy for this purpose, because it combines well with so many other colors. You could pair it with silvers and pinks in one area, reds and greens in another, and orange and yellow in another without creating color chaos. You create harmony by repeating the purple and contrast by changing the colors of its companions.

Color-based gardens are also great for reflecting your mood—or creating any mood. White flowers partnered with silver, white-variegated, and deep green foliage provide a crisp, clean palette that's absolutely elegant in outdoor entertaining areas, for

instance. If you're looking to create a calm, peaceful spot where you can sit and de-stress after a long day, a mix of pastel flowers with green and gray foliage is ideal for soothing jangled nerves. Or, maybe an explosion of tropical exuberance is more to your taste. A shocking combo of rousing red, vivid orange, bright yellow, hot pink, and vibrant purple is practically guaranteed to cheer up a dreary frame of mind!

Color is a fun way to celebrate a particular theme, too. A border based on the colors of your favorite sports team or alma mater is a great way to show off your team or school spirit. Is an expensive vacation out of the budget this year? Add a south-of-the-border touch to your deck or patio with a sunny combo of red, gold, and orange blooms, or bring a touch of Britain to your backyard with a classic combination of blue and chartreuse. Create a statement all your own with some out-of-the-ordinary color scheme, such as pink and black, chocolate brown and cream, or purple and silver.

The best way of all to use color, of course, is any way that makes you happy. Unless you're angling to get your yard featured in a gardening magazine or be the toast of your local garden club, you don't need to worry about putting the wrong colors together or creating icky combinations. Grow what pleases you, and if something doesn't look right or you're ready to try something different, then dig it up and move or replace it. Hooray for trowels and shovels, the handiest design tools you'll ever own! 🌱

## Wholesale Dutch Bulbs



Allium Globemaster #1171

Select from 800 Dutch flower bulbs and herbaceous peonies for unmatched garden display and naturalized landscapes. Visit [www.vanengelen.com](http://www.vanengelen.com) for our 52-page price list and website specials.



**Van Engelen**

23 Tulip Drive • PO Box 638  
Bantam, CT 06750  
Phone: (860) 567-8734

[www.vanengelen.com](http://www.vanengelen.com)

Buy where the professionals buy.

PA11

*The Destination for every outdoor room, garden and home decor need! Over 5,000 items from Around the World in our Gardens & Showroom!*



Elizabeth Schumacher's



Candelabra by Artist Sandra Webberking



4 Union Hill Rd • West Conshohocken, PA 19428 • 610.825.5525  
Open year round, please call or visit our website for current store hours  
[www.gardenaccents.com](http://www.gardenaccents.com)

**OFFICIAL SPONSOR of the 2009 Philadelphia Flower Show**

**Mantis**  
We Make Gardening Easier®

**POWER**  
To Grow it Yourself

PHS Member Discount  
**10% OFF**

Visit [mantis.com/phs](http://mantis.com/phs)  
or call us toll-free at 1.800.366.6268

MENTION KEY CODE 099925 TO OPERATOR

Offer expires 12/31/09

## GARDEN STRUCTURES

### GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood  
33 Years' Experience  
Call Robert J. LaRouche at  
Glass Enclosures Unlimited  
610-687-2444

## GREEN TECHNOLOGIES

### Rainwater Harvesting Systems

Capture • Filter • Reuse  
Please visit our website to learn more  
[www.YourPond.com](http://www.YourPond.com)  
Cedar Run Landscapes  
1-800-Landscape

## HARDSCAPING

### HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways,  
COBBLESTONE-edging and paving,  
STONE walls, RETAINING walls, MARBLE,  
GRANITE-floors, walls, countertops.

215-699-5611 Upper Gwynedd, PA

### PATIOS & WALKWAYS

Flagstone - Pavers - Brick  
Robert J. Kleinberg  
Landscape Design & Construction  
610-259-6106  
See our work online  
100's of pictures at  
[WWW.KLEINBERG.COM](http://WWW.KLEINBERG.COM)

## LANDSCAPE DESIGN

### BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs.  
Experienced staff ensures the integrity of the design from concept to completion.  
[burkebrothers.com](http://burkebrothers.com)  
215-887-1773 610-520-2025

### David Brothers Landscape Services Bean Road Nursery

Architects, Builders and Nurserymen  
Providing the Fine Art of Garden Construction and Landscape Restoration  
215-247-2992 610-584-1550  
[www.davidbrothers.com](http://www.davidbrothers.com)

### DONALD PELL INC. GARDENS

Design-Masonry-Landscape  
Please review our updated portfolio at  
[www.donaldpell.com](http://www.donaldpell.com)  
610-917-1385

### LINDA CORSON LANDSCAPE DESIGN

- Consulting
- Plans
- Supervision

Registered Landscape Architect  
Member ASLA 215-247-5619

[SEDDesignStudio.com](http://SEDDesignStudio.com)  
Landscape Architecture  
Master Plans and Garden Design  
610-584-5941

## MULCH

### BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service  
Cedar Run Landscapes  
Call for brochure  
1-800-LANDSCAPE  
[www.CedarRunLandscapes.com](http://www.CedarRunLandscapes.com)

### FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance  
PINE-NEEDLE MULCH  
Wholesale and Retail  
610-701-9283 [renee52@comcast.net](mailto:renee52@comcast.net)

## NURSERIES

### RARE & UNUSUAL PLANTS

- Specimen plants • Pond plants • Bonsai
- Orchids • Hardy cacti • Tropicals
- Sculptured trees and shrubs • Perennials
- Unique Flower and gift shop.

MUTSCHLERS' FLORIST & RARE PLANTS  
1-800-242-9438  
[www.mutschlers.com](http://www.mutschlers.com)

Perennials Are Our Specialty!

### POPES' GARDENS

Annuals • Vegetables • Herbs  
Hanging Baskets • Shrubs • Trees  
Fruit Trees & Berry Bushes  
Classes • Display Gardens • Farm Animals  
1146 Old White Horse Pike, Waterford, NJ  
856-767-3343

[www.popesgardens.com](http://www.popesgardens.com)

### Triple Oaks Nursery & Herb Garden

- Great Plants • Display Gardens • Programs

Franklinville, New Jersey  
[www.tripleoaks.com](http://www.tripleoaks.com)  
856-694-4272  
[greatplants@tripleoaks.com](mailto:greatplants@tripleoaks.com)

## OUTDOOR LIGHTING

### Botanical Lighting

Specializing in tasteful architectural and landscape lighting.

Please view our on-line gallery:  
[botanicallighting.com](http://botanicallighting.com)  
or call: 610-519-1212

Serving: Pennsylvania • New Jersey • Boston  
Maryland • Washington DC

## PICTURE FRAMING

### Frames and Company

We've been framing for 36 years and can make any artwork blossom! Our design/framers and archival materials will guarantee a perennial favorite. Our photo frames will put your friends in the best light, and we have mirrors to reflect your good taste.

10% off for PHS members.

3723 West Chester Pike, Newtown Square  
Under the Green & White Awning  
610.356.8122

[www.framesandcompany.com](http://www.framesandcompany.com)



## REAL ESTATE

### HOME FOR SALE

Horticultural Hideaway - 4 BR/2 1/2 BA Colonial

Two Glass Enclosed Additions Overlook 2 Acres, Stream & Pond, Perimeter Trees Internal Trees & Garden Beds

Bucks County, minutes from Doylestown

RE/MAX Action Realty 215-358-1100  
Contact Carl Hedner, Realtor 215-358-1144  
www.carlhedner.com

## TREES

Large Specimen Hollies  
Ilex Opaca & I. Aquipernyi  
Sustainably Grown Tree Fruit and Berries in Season

### Indian Orchards

24 Copes Lane, Media, 610-565-8387

Large Tree Transplanting and Sales  
Large Screening & Specimen Plant Material  
Garden Restoration, Ponds  
Waterfalls & Patios  
215-635-2310  
Serving the Delaware Valley since 1987

Just miles from the Jersey Shore, and nestled in a quiet residential neighborhood, sits Waldor Orchids, an award-winning family-owned nursery that's home to some 500,000 orchid plants.

# Waldor Orchids

Specializing in quality orchids for 80 years.

We invite you to visit our Web site at [www.waldor.com](http://www.waldor.com)  
10 E. Poplar Avenue Linwood, NJ 08221  
Ph (609) 927-4126 Fax (609) 926-0615

## BEAUTY FROM BULBS

### Double Early Tulip Foxtrot #5319

Select from over 800 varieties of the finest Dutch flower bulbs and herbaceous peonies for your family's garden at the best prices. Visit [www.johnscheepers.com](http://www.johnscheepers.com) for our 88-page color catalog and website specials. For larger quantities, visit our wholesale sister company Van Engelen at [www.vanengelen.com](http://www.vanengelen.com).

## John Scheepers

23 Tulip Drive • PO Box 638  
Bantam, Connecticut 06750  
Phone: (860) 567-0838  
[www.johnscheepers.com](http://www.johnscheepers.com)

Serving America's finest gardens for over 100 years!

## Studio & One-Bedroom Apartments Now Available.

"My Pennswood studio apartment comes with the financial security of the Type A contract, 3 living rooms, 3 dining rooms, 2 pools, a fitness center with personal trainer, full-service health care, Wii™, library, college classes, concerts, green houses, meadows, woods and a river."

For details about our nationally recognized services, call Lisa Dutter at 215-504-1118.



Henry Martin, a retired magazine cartoonist, is a resident of Pennswood Village. Copyright 2009



1382 Newtown-Langhorne Rd  
Newtown, PA 18940  
215-504-1118 • 1-888-454-1118  
[www.pennswood.org](http://www.pennswood.org)

A Senior Living community for people over 65.



Our Quaker values show us our lives together are enriched through diversity – we welcome women and men of all races, colors, religions, national origins and sexual orientation.

## THUJA X 'GREEN GIANT'

Screening Alternative to Leyland Cypress & New England's Dying Hemlocks



- New USDA Release
- Pennsylvania Gold Medal Plant Award 1998
- Tough, Fragrant, Tall, Skinny Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing, 3' to 5' / Year
- \$3 to \$45 Each
- Zone 4-9

Other PA Gold Medal Plants available:  
Beautyberry variegated 'Duet', Chastetree  
Virex 'Shoal Creek' Dogwood, 'Golden Glory'  
Nordmann Fir, Persian Ironwood, Japanese Tree Lilac 'Ivory Silk', Paperbark Maple, Dawn Redwood, Sweetbay Magnolia 'Moonglow', Witch Hazel 'Diane', Itea 'Henry's Gardner', and many more.

## American Elms



### Dutch Elm Disease Resistant

Pictured (left) NEW! Jefferson American Elm, (right) Princeton American Elm. Best trees ever. 50 pictures and information at [www.botanyshop.com](http://www.botanyshop.com)

Many pictures and information on our website [www.botanyshop.com](http://www.botanyshop.com) • Joplin, MO or call 888-855-3300 for prices and information.

# Rejuvenating the Rodin Landscape

by Linda Walczak and Paul Pincus

Philadelphia's historic Rodin Museum ranks among the jewels of the city. Administered by the Philadelphia Museum of Art, the museum is renowned for the beauty of its grounds and architecture and for the importance of its holdings—one of the largest collections in the world of works by sculptor Auguste Rodin. The museum block, between 21<sup>st</sup> and 22<sup>nd</sup> Streets, sits at the heart of the Benjamin Franklin Parkway, one of Philadelphia's major art and cultural corridors.

The Rodin Museum grounds and the Benjamin Franklin Parkway streetscape, under the purview of Fairmount Park, will soon receive much-needed improvements, thanks to a partnership among the Philadelphia Museum of Art, Fairmount Park, and PHS, funded by The Pew Charitable Trusts, the John S. and James L. Knight Foundation, the William Penn Foundation, the Commonwealth of Pennsylvania, and the City of Philadelphia.

"Beautifying the landscape around the Rodin Museum will provide a proper setting for this cultural gem on the Benjamin Franklin Parkway," says Donald Kimelman, managing director of the Philadelphia Program at The Pew Charitable Trusts.

"These planned enhancements represent yet another important development toward a renewed Parkway, and we are delighted to be supporting the project."

The Philadelphia Museum of Art and PHS have retained landscape architecture firm OLIN to design the garden improvements for the Rodin Museum's intimate courtyard, as well as landscape rejuvenation for the entire park-like block. OLIN looked to the original garden plans by Jacques Gréber, who conceived the overall design of the Benjamin Franklin Parkway, for direction and inspiration.

The new courtyard plan retains key features of the formal Beaux-Arts design while renovating and upgrading circulation, lighting, and materials. The new design for the outer landscape creates an appropriate setting for the museum, primarily through enhanced planting and circulation.

The stone entrance to the museum, known as the Meudon Gate, will also be restored. The gate is a significant feature on the grounds and is visible from the Parkway.

Coinciding with the Rodin Museum garden and landscape renovations, the north and south sides of the Ben Franklin Parkway streetscape, between 21<sup>st</sup> Street and Eakins Oval, will be enhanced with pedestrian, bicycle, and vehicular circulation improvements. Curb extensions, or "bump outs," will shorten crossing distances for pedestrians, and strategic parking and traffic-lane configurations will create a wider central median. Fairmount Park has retained Lager Raabe Skafte Landscape Architects to design these improvements.



As recipient of the Pew grant, PHS is coordinating the partners and their design teams toward the ultimate success of both projects. PHS has partnered for many years with Fairmount Park on landscape renovation and maintenance projects, most recently the Swann Memorial Fountain landscape at Logan Square. PHS was responsible for the Philadelphia Museum of Art landscape renovation in 1990, in partnership with Fairmount Park and the Art Museum, and currently oversees landscape maintenance of both

projects with Fairmount Park. Landscape management of the renovated Rodin Museum block will be performed through a partnership between PHS, Fairmount Park, and the Philadelphia Museum of Art.

Construction is expected to be completed for the Meudon Gate restoration by fall 2009, while the Rodin Museum garden and landscape and the Ben Franklin Parkway streetscapes projects will conclude by fall 2010.

PHS director Nancy O'Donnell, who is overseeing the project, says, "It's such a pleasure to work with partners who are so committed to excellent design and horticulture. This rejuvenation will polish another treasured Parkway jewel into a landscape that will make us all proud."

Linda Walczak is a senior project manager with PHS's Public Landscapes Design & Management team. Paul Pincus is officer for Planning and Special Projects at the Philadelphia Museum of Art.



Photo: Jeanette Loring & Russ Kennedy

# Experience. Explore. Enjoy.

### What's in Bloom

*Year-round*

As H. F. du Pont developed the Winterthur Garden he kept a weekly list of blooms, a tradition that Winterthur continues today. Discover what's in bloom at [gardenblog.winterthur.org](http://gardenblog.winterthur.org) or call 302.888.4856.

### Wednesdays at Winterthur

*Now through October 28, 11:30 am*

Hone your gardening skills with Winterthur's expert horticulture staff! For a complete list of demonstrations, talks, and guided walks, visit [winterthur.org/wednesdays](http://winterthur.org/wednesdays) or call 800.448.3883.

### Second Saturday Garden Walks

*Now through December 12*

Join Winterthur's horticulture staff for garden walks on the second Saturday of each month. Walks last approximately 90 minutes. For a complete list of topics and times, visit [winterthur.org/calendar](http://winterthur.org/calendar) or call 800.448.3883.

### Enchanted Woods

*Enchanted Summer Day, Saturday, June 20*

Families can enjoy a world of wonder in Enchanted Woods, Winterthur's award-winning children's garden. Explore the new upside-down tree, opening June 1!

*Members free. Included with admission. No Wednesday programs in August. All dates are subject to change. Please visit [winterthur.org](http://winterthur.org) for more details.*

## WINTERTHUR MUSEUM & COUNTRY ESTATE

Nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route 1, less than one hour south of Philadelphia  
800.448.3883 • 302.888.4600 • [winterthur.org](http://winterthur.org)



# Your life is an exciting adventure story. Let us help write the next chapter.

Success doesn't come easy and you've worked hard for what you have. At PNC, we understand the wealth you've earned isn't an end in itself. It's simply a way to help you take on your next challenge. That's why our highest priority is to thoroughly understand your situation. And help guide you on your journey ahead.

Call (888) 762-6226 or visit [pnc.com](http://pnc.com).



Trust & Estate • Wealth & Retirement Planning • Investment Management • Private Banking Services

The PNC Financial Services Group, Inc. ("PNC") provides investment and wealth management, fiduciary services, FDIC-insured banking products and services and lending and borrowing of funds through its subsidiaries, PNC Bank, National Association and PNC Bank, Delaware, which are **Members FDIC**. PNC does not provide legal, tax or accounting advice. ©2007 The PNC Financial Services Group, Inc. All rights reserved.  
Investments: **Not FDIC Insured. No Bank Guarantee. May Lose Value.**

JULY-AUGUST 2009 • \$5.00

# GREEN -scene

The Pennsylvania Gardens of  
Frank Lloyd Wright



THE PENNSYLVANIA HORTICULTURAL SOCIETY

# Cathedral Village



*When Friends and Family Ask,  
“What do You do For Fun?”*

*We tell them we enjoy . . .*

- ◆ The Village College . . . where courses are taught by our own Resident Professors . . . and there are no tests to take!
- ◆ Swimming at sunrise . . . during the day . . . and even in the winter when it's snowing!
- ◆ The camaraderie of friends while exercising in the Health Club or doing Tai Chi and Yoga.
- ◆ Singing in our new Village Chorus which recently performed at the Arden Theatre.
- ◆ Having our own Greenhouse for personal use year-round along with interesting and fun-filled seminars given each week by professional horticulturists.
- ◆ Having a wonderful, light-filled Art Studio for self-expression, as well as art classes in a variety of media.
- ◆ Molding clay into works of art in the Pottery Studio where classes are also held.
- ◆ Attending Concerts, including those that are presented by our own Professional Resident Musicians right here at the Village.
- ◆ Having a great deal of fun participating in or attending Play Reading performances.
- ◆ Putting around on our Professional Green for fun as well as competition.
- ◆ Many Bridge tournaments, Scrabble competitions, and parties for all occasions.
- ◆ Taking the Cathedral Village bus to Center City for the Orchestra, Theater and Ballet, and for day trips to museums, flower shows and other places of interest.
- ◆ Joining Resident Committees and enjoying each other's company while volunteering in the Library, Gift Shop and other areas of the Village where our help benefits others.

Woven into this truly enjoyable lifestyle are new friendships with kindred spirits!

*~ Come for a visit and discover even more! ~*

Visit Monday through Friday between 9AM and 3PM.  
Appointments are needed for weekends and holidays.

600 East Cathedral Road • Philadelphia, PA 19128

[www.cathedralvillage.com](http://www.cathedralvillage.com)

(215) 984-8621



Cathedral Village is a Nonprofit  
Nondenominational Continuing Care  
Retirement Community



Accredited Since 1984  
Affiliated With the Jefferson Health  
System Since 1986



Editor  
Pete Prown

Senior Editor  
Jane Carroll

Associate Editor  
Daniel Moise

Staff Photographer  
Margaret Funderburg

Art Design  
Baxendell's Graphic

Printer  
ALCOM Printing Group, Inc.



The Pennsylvania  
Horticultural Society

Website  
[pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org)

100 N. 20th St.  
Philadelphia, PA 19103-1495  
215-988-8800

Chair  
John K. Ball

President  
Jane G. Pepper

Executive Vice President  
J. Blaine Bonham, Jr.

PHS Membership Information  
Linda Davis, 215-988-8776

Display Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Classified Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Garden Q & A Phone Line  
215-988-8777, Monday through Friday,  
9:30 to 12 [closed in December]  
[askagardener@penhort.org](mailto:askagardener@penhort.org)

GREEN SCENE (USPS 955580),  
Volume 37, No. 4, is published bi-monthly  
(January, March, May, July, September, November)  
by the Pennsylvania Horticultural Society,  
a nonprofit member organization at  
100 N. 20th St., Philadelphia, PA 19103-1495.  
Single Copy: \$5.00 (plus \$2.00 shipping).  
Second-class postage paid at  
Philadelphia, PA 19103.

POSTMASTER: Send address change to GREEN SCENE,  
100 N. 20th St., Philadelphia, PA 19103.  
© 2009 Pennsylvania Horticultural Society

FEATURES

- Heat Wave! .....10**  
It's summertime, and the living is far from easy if you're trying to keep your garden looking great. Let Rob Cardillo introduce you to a group of plants that can beat the heat.
- Food from the Garden .....14**  
What happens when a food writer attempts a vegetable garden? It's a recipe for fun—and learning too. Join Annette Nielson on her outdoor kitchen quest.

- The Wright Stuff .....18**  
Renowned architect Frank Lloyd Wright is best remembered for his ability to incorporate his designs into their natural environments. Derek Fell discusses four of Wright's Pennsylvania residences and how they integrate with their landscapes.
- A New Look at Yucca .....24**  
Stephanie Cohen feels compelled to confess: for years she dismissed yuccas as, well, yucky. But nowadays she's learned how to incorporate yucca into her home garden. Let's see what brought about this change of heart.

COLUMNS

- The Potting Shed.....6**
- The Green Arranger.....28**  
Dangerous Designs
- The Multi-Purpose Garden .....30**  
A New World of Garden Communication
- The Backyard .....34**

**Who is that Mystery Girl?**

Following our May issue, we received several notes from readers asking, "Who is that adorable girl on the cover?" Her name, as we're happy to reveal, is Audreyanna Snyder and she lives in Lancaster, PA. We snapped her photo at the 2008 Yellow Springs Herb Sale; it was one of hundreds of off-the-cuff images we shot that day. Her proud grandfather, Michael Snyder, later asked about our criteria for selecting this image. We responded, "First of all, she seemed to capture the spirit of the Herb Sale in that one moment—the simple joy we all share of finding and purchasing one's first plants each spring. And secondly ... well, Audreyanna was just plain *cute*." As her doting grandpa, Michael said he couldn't agree more.

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover image: Derek Fell



# IN PRAISE OF PARKS

On April 18, I left my leafy suburban enclave and spent the morning traveling around a few of Philadelphia's finer parks. The purpose of PHS's annual "Spring into Your Park" celebration is to involve an army of volunteers across the city to clean up neighborhood parks and have fun doing it, too. This year, the event involved about 2,200 eager volunteers in 67 parks across the city. No small feat, surely.

I started the day at Gorgas Park, a vast expanse of open, hilly terrain in the Roxborough neighborhood (just north of Manayunk). To kick off the event, there were rousing speeches by Michael DiBerardinis, new commissioner of the Department of Parks & Recreation, as well as PHS's

Philadelphia Green senior director Joan Reilly and Friends of Gorgas Park president John Boyce. The latter noted that in the 1960s and '70s, Gorgas was known as "pill hill" for its preponderance of drugs and criminal activity. Today, this park is a verdant gem of that neighborhood.

Another part of the Gorgas festivities was the debut of the *PHS City Parks Handbook*, a wonderful new manual that captures the knowledge of our Parks Revitalization Project and presents it in a very accessible color format. Check it out at Amazon.com. After all the speeches, Gorgas Park residents, along with volunteers

from Philadelphia Insurance Companies, grabbed a donut and a cup of coffee and proceeded to make the park look even more spectacular than ever. To learn more about this park, visit [gorgaspark.com](http://gorgaspark.com).

Another stop that day was Malcolm X Park, an old-fashioned "square" in West Philadelphia at 51st and Pine Streets ([malcolmxpark.org](http://malcolmxpark.org)). Like so many other city parks, Malcolm X had fallen into hard times in the past and was a haven for drugs and crime. But today—thanks to park president Greg Cojulun, local volunteers, and support from the city and PHS—the park looks beautiful. Residents were busy cleaning up, while other folks were readying a "moon bounce" for kids. In another corner, a father was teaching his young son to ride a bicycle. Indeed, the smile on

Greg's face as he looked around Malcolm X that sunny day told the whole story of Philadelphia neighborhood parks and their amazing comeback.

My last stop was another favorite, Morris Park in the Overbrook section of Philly (just south of City Avenue on 68th Street). I like this park because its cleanups are always chock full of energized young people, and as usual, there were plenty of volunteers in the park and its accompanying Papa Playground. Near the main park building I found a group of volunteers planting flowers and repainting walls, ably led by Deb Werts of the PHS human resources department—a far cry from her daily task of processing benefits for staff.

On the other side of the baseball field, a large tree planting was in progress. Looking at these busy teens—young gardeners planting young trees—I had an "a-ha" moment: both hold such great promise for the future of our city.

*Pete Prown*

email: [greenscene@pennhort.org](mailto:greenscene@pennhort.org)



Deb and volunteers at Papa Playground.



Teens planting trees at Morris Park



Volunteers at Gorgas Park



# Italy for life

VISIT OUR SPAS FOR UNFORGETTABLE EXPERIENCES OF HEALTH AND WELL-BEING.



**Live the best movie of your life.**

Italy, beyond its hot springs designed for your relaxation, offers you the best locations: seas, cities of art, convention halls and nature. Everywhere, you'll feel you're the star.



ITALIAN  
GOVERNMENT  
TOURIST BOARD

[www.italiantourism.com](http://www.italiantourism.com)



# A Hydrangea named 'Samantha'

By Patricia A. Taylor



Photos: courtesy of Rarefind Nurseries

This is a paean to 'Samantha', a unique, tough, absolutely beautiful, and totally neglected native hydrangea (*H. arborescens* ssp. *radiata*). Its common name, silver leaf hydrangea, comes from the distinctive white undercoating on the leaves. When a breeze flows through this shrub, a kinetic sculpture is created as the foliage shimmers back and forth.

'Samantha' is tough. Its native habitat is the Carolinas, and its hardiness range extends all the way to Zone 4. Once established, it rarely requires watering and never needs fertilizer. 'Samantha' blooms on new wood, so it doesn't suffer from winter dieback and can be cut to the ground in spring if you want to keep it small rather than letting it expand to 5 by 5 feet.

Last but not least, it is absolutely beautiful, with pink-blushed to white summer flowers that glow against dark green foliage. If not cut, the flowers dry to a warm tan by fall and hold their own through winter snows.

The scanty literature that exists on

# The Barnes Foundation



All materials and images © The Barnes Foundation 2009

Paul Cézanne, *Terracotta Pots and Flowers*, 1891-1892, BF235.

The Barnes Foundation is open five days a week this summer. Come and enjoy an unparalleled aesthetic experience inside the Gallery and outside in the Arboretum.

The Barnes Foundation's collection of French Impressionist, Post-Impressionist, and early Modern paintings is unsurpassed in breadth, quality, and depth. The collection also includes important examples of African sculpture, American paintings and decorative arts, Old Master paintings, Native American art, Asian art, and ancient artifacts, which provide a rich context for the study of art and aesthetics.

The Arboretum, which features an exceptional collection of rare trees and woody plants from all over the world, a fern collection, formal gardens, and a lilac grove, provides an unparalleled environment for horticulture education. The 12-acre Arboretum, which surrounds the gallery building, reflects and enhances the beauty of the art inside.

For information on visiting the Barnes Foundation please call 610-667-0290.

To learn about art and horticulture classes and workshops offered at the Barnes, please contact the Education Department at 610-667-0290, ext. 2259, or the Arboretum at 610-667-0290, ext. 1071.

## THE BARNES FOUNDATION

300 North Latch's Lane, Merion, PA 19066 • 610-667-0290 • [www.barnesfoundation.org](http://www.barnesfoundation.org)

'Samantha' advises growing it in full sun to partial shade. However, Hank Schannen of the retail and mail-order firm Rare Find Nursery, in Jackson, New Jersey, grows it in deep shade and loves how its flowers and coated leaves shine in a dark setting.

As to its near total neglect, that is indeed a puzzle. "I can't understand why it hasn't created more of a splash," Schannen says. "It's one of our favorites at the nursery." North Carolina's Brad Martin, owner of Southeastern Native Plant Nursery and one of the few wholesalers to offer 'Samantha', agrees. "It's just stunning," he says, "a great plant that needs nothing."

Here's how Spring Meadow Nursery, a large Midwestern wholesaler, described 'Samantha' in its 2006 catalog: "silver white, snowball flowers that look more like a *H. macrophylla* bloom. Very impressive and certain to be a big hit." Alas, 'Samantha' struck out, and by the time Spring Meadow published its 2009 catalog, 'Samantha' was not to be found.

I've been a 'Samantha' fan for six years now, ever since I bought two from the now defunct and sorely missed Roslyn Nurseries on Long Island. They grow in light, filtered shade in extremely poor soil. As a result, the stems are sturdier and the flowers a medium size. "Grow it in richer soil," South Carolina horticulturist Clarence Towe told me, "and you might find it weighted down a bit by its larger flowers." Towe not only introduced 'Samantha' to the trade but also named it. "There's quite a bit of breeding work going on to try and duplicate those beautiful leaves, but so far 'Samantha' has yet to have competition."

So there you have it: a unique, beautiful, adaptable, easy-care shrub. Plant it in your garden and you, too, may find yourself singing its praises. 🍃

Look for this plant at [rarefindnursery.com](http://rarefindnursery.com), [springmeadownursery.com](http://springmeadownursery.com), as well as Meadowbrook Farm ([gotameadowbrook.com](http://gotameadowbrook.com)).



## WELCOME THE WONDERS OF NATURE TO YOUR OWN BACKYARD

### GATEWAY GARDEN CENTER

Invites you to experience and protect our natural world. We offer plants that provide beauty as well as habitat for our birds, bees and butterflies.

[gatewaygardens.com](http://gatewaygardens.com)  
7277 Lancaster Pike  
Hockessin, DE 19707  
302-239-2727



The  
Potting  
Shed



## HEALTHY SOIL, HEALTHY GARDEN

At age six, Mark Highland helped his grandmother apply “manure tea” fertilizer to improve the soil in her Illinois garden, and you might say he’s had his hands in that sort of stuff ever since. Just three years ago, he became president of Organic Mechanics, a Downingtown, PA, company that manufactures and distributes organic potting soil across the country ([organicmechanicsoil.com](http://organicmechanicsoil.com)).

“In college, I learned that horticulture contributes heavily to the environmental pollutants used in the United States, and right then made a personal commitment to change that aspect of horticulture within my lifetime,” says Mark.

After graduation, Highland started a landscape construction company and ran a certified organic farm in Oregon for a while. Later, in Pennsylvania, he became part of the Longwood Graduate Program, and his thesis was based on experiments of adding compost to potting soil, growing plants in that medium, and measuring the results. “So, basically I had to stick my hand in a giant steaming pile of horse manure every day for a year. Fortunately, I wasn’t married at that point,” he says, laughing.

Mark’s research showed significant differences between treatments. “Studying soils and potting soils extensively,” he says, “I saw that plant health is directly related to soil health.” He also learned that using more organic matter in Longwood’s compost could reduce or replace the peat traditionally used in container media, making the garden’s horticulture operation more sustainable. (Peat is a less-renewable resource; it can take eons to grow back. In the UK, for instance, 94 percent of the peat bogs—unique habitats that support a great variety of birds, invertebrates, and plants—have been damaged or destroyed in the last 50 years due to large-scale use in the horticulture industry.)

### A Chat with Mark Highland of Organic Mechanics



By Ilene Sternberg

Ultimately, this research led to the creation of Organic Mechanics. “Our product is designed to be the most time-saving, easy-to-use, and environmentally friendly potting soil on the market,” Mark says. “We make OMRI\*-listed potting soils and soil amendments, using local organic mushroom soil to replace peat. We also put pine bark, coconut fiber, worm castings, rice hulls and perlite in our mixes. Worm castings improve soil’s water-holding capacity and prevent it from becoming waterlogged, eroded, or compacted, and keep the soil loose whether wet or dry. And to reduce our carbon footprint, we use bio-diesel fuel in our equipment, wind power for energy, recycled pallets for shipping, etc. Environmental sustainability is a core value of our company.”

Since its inception, Organic Mechanics has found a bevy of local customers, too, all intrigued by this organic product and process. “The Scott Arboretum of Swarthmore College was one of our first supporters and customers,” notes Mark. “Scott’s curator, Andrew Bunting, arranged a meeting at PHS to discuss its potting soil needs and interest in our compost-based potting soils. Right after this, PHS made a requirement for landscape contractors doing container garden installations in Philadelphia to use Organic Mechanics potting soils.”

Kathy Pratt of R-P Nurseries in Kennett Square, PA, says, “I tested it by potting an equal number of containers with and without it, and in less than a month, the Organic Mechanics plants were twice as large. You can also use it for two years in a row, rather than one.” Adds Steve Mostardi of Mostardi Nursery in Newtown Square, PA, “The sustainable components of this soil mix will really appeal to gardeners. And best of all, the plants seem to like it, too.” 🌱

\*The Organic Materials Review Institute lists USDA-approved materials for organic use in the USA ([omri.org](http://omri.org)).

# WIN!

SUBMIT UP TO 10 PHOTOGRAPHS!

## this FujiFilm Z20 Digital Camera

### Enter the Green Scene "Garden Photo" Contest.

We want to see your best photos of gardens, flowers, landscapes and people enjoying nature. The contest's expert judges will be looking for knockout images that capture the joy of gardening and nature. Winning photos will be published in the January/February 2010 issue of *Green Scene* magazine and on the PHS website. And the first-prize winner will receive this slick digital camera, courtesy of Ritz Camera.



Photos can be shot in any format, *but must be submitted as 4 x 6- or 5 x 7-inch prints with your name, phone number, and email address on the back.* No submissions by email or on CD will be accepted.

**The deadline for entries is September 18, 2009.**

For more information, please visit the PHS website at [pennsylvani horticultural society.org](http://pennsylvani horticultural society.org) or email [greenscene@pennhort.org](mailto:greenscene@pennhort.org) with questions. You can also call 215-988-8871.



# PHS

**SEE PAGE 32 FOR CONTEST RULES**

### ENTRY FORM *(please fill out completely)*

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

### ENTRY FEES

Amount (check one):

1 photo (\$15)       2-5 photos (\$25)       6-10 photos (\$40)

Payment Option: Check  (payable to PHS)    Credit Card     Credit card type:    Visa     MasterCard     AmEx

Card Number \_\_\_\_\_ Card Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

**Please mail your entries to:** GREEN SCENE GARDEN PHOTO CONTEST, PHS, 100 N. 20th Street, Philadelphia, PA 19103-1495

The contest is open to photographers 18 years and older. To be eligible, all entries must be postmarked on or before September 18, 2009.

### Warranty and Permission

By sending this photograph(s) to the Pennsylvania Horticultural Society's *Green Scene* Garden Photo Contest, I warrant that I am the sole author of this photo(s). I grant the Pennsylvania Horticultural Society the right to publish this photo in its publications and electronic newsletters; on its website; and in collateral publications, including, but not limited to, promotional materials. I understand that beyond granting PHS these rights, I retain all other rights to this photograph.

Printed Name

Signature

*Ipomopsis rubra*



Story & photography  
by Rob Cardillo



# Heat Beaters

## FOR SUMMER

Summer in Philadelphia often means waves of torrid temps, stretches of high humidity, and long grips of dry, dusty days. It can be a tough time for gardeners and their leafy friends. But while many plants struggle in these extremes, there are a handful that seem to laugh as the mercury climbs and shrug off any lack of rain. To find these stalwart heat-beaters, we went to Chanticleer in Wayne, PA, to ask the knowledgeable staff for tried and true recommendations.

Bill Thomas, Chanticleer's executive director, makes a point of seeing the entire 35-acre garden every day of the year. Off hours, you might see him making his rounds by bicycle or accompanied by Jesse, his Corgi sidekick. Daily contact with the property allows Bill to see firsthand what plants hold up best in adverse conditions; and in summer, *Sorghum bicolor* is one of his first picks. "It's a fast-growing annual that just loves the heat and full sun," he says. Usually considered an agricultural crop, sorghum has been used for several seasons at Chanticleer as a mass serpentine planting at the bottom of the Great Lawn. Through mid-summer it resembles corn, with thick, uniformly straight stalks and glossy foliage; but it differs from corn in how its flowers form. Sorghum's top tassel becomes a prominent bright green seedhead that slowly turns tan and then reddish as it matures. "It's a wonderfully unexpected plant when you come

across it in the garden," says Bill.

Long a champion of tropicals, Bill also has a favorite banana. *Ensete ventricosum* 'Maurelii' (red Abyssinian banana) makes a strong statement in any setting, with its big bold leaves tinged with streaks of red and purple. "Philadelphia summers can be quite tropical," he says, "but the extra heat and humidity just seem to make this plant happier." It does need ample water if in a container, but you can grow it right in the ground where its water needs will be lessened. Be warned however, this is not a hardy plant, and you'll have to bring the corm inside to overwinter. The Chanticleer folks have found a simple way to do this. Before the first frost, cut the plant back hard, unearth it and shake the loose soil off the roots. Store the clump in a plastic bag in a dark and moderately warm room and don't think of watering. In late spring, cut it

back hard again, plant, and you should have a fast growing tip within two weeks.

*Sporobolus heterolepis* (prairie dropseed) is also one of Bill's summer favorites. A rock-solid drought-resistant choice, this native grass is used en masse on a slope below the Ruin Garden. Like many ornamental grasses, it's just a low-growing mound of textural foliage until showtime in August, when it sends out streamers of light airy flowers with an unmistakable fragrance. "It's somewhat spicy and a little like cilantro," says Bill. The seedheads turn orangey and then tan as the summer ends. It's best to cut it back hard in February or March with hand pruners or hedge trimmers and let it sprout up again.

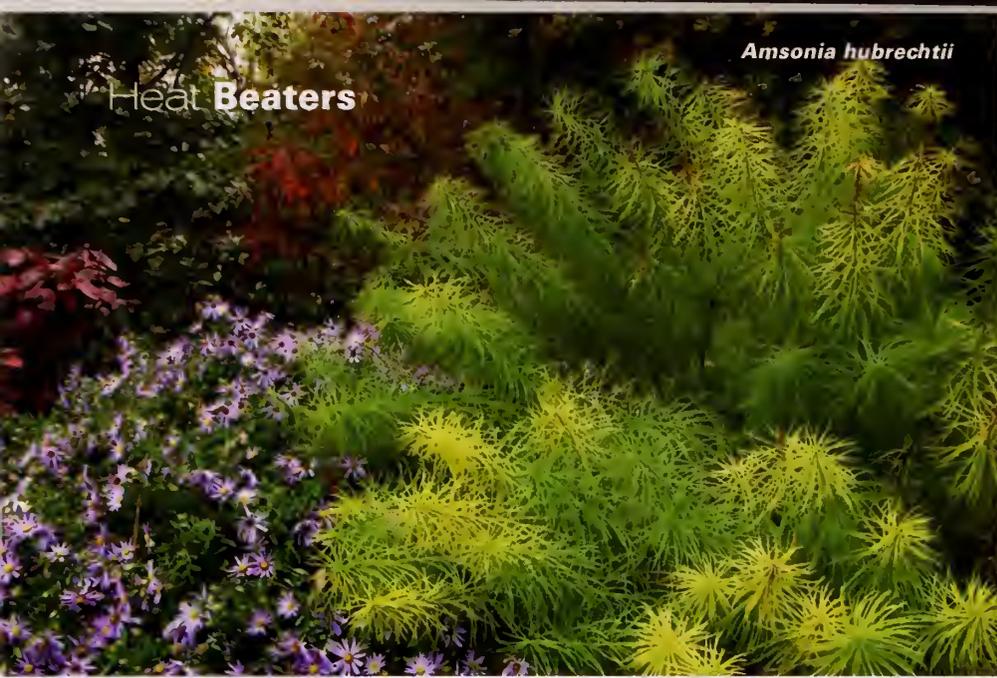
Horticulturist Laurel Voran is charged with keeping three of Chanticleer's gardens in shape, including the Gravel Garden, a sunny, dry slope where fussy plants are not



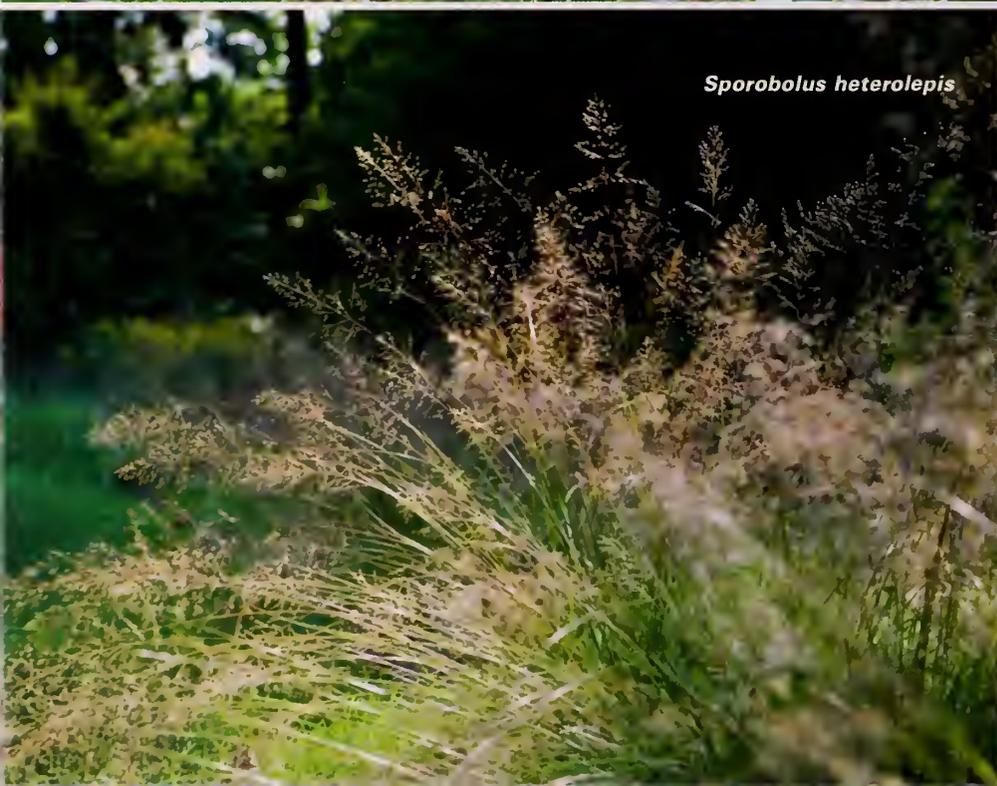
*Perovskia* 'Little Spire'

## Heat Beaters

*Amsonia hubrechtii*



*Sorghum bicolor*



*Sporobolus heterolepis*

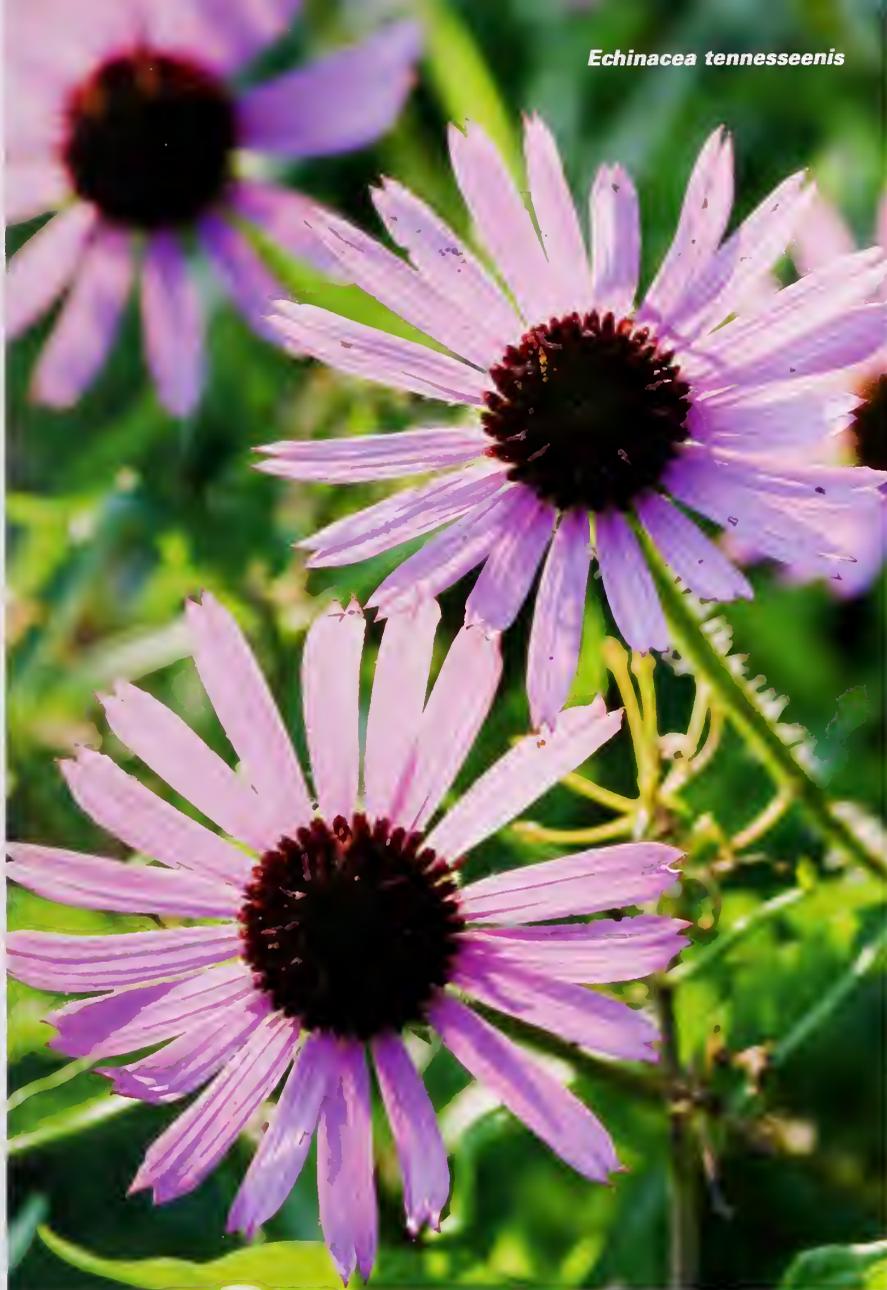
coddled. One of her summer loves is the lesser-known *Echinacea tennesseensis* (Tennessee coneflower). With thinner leaves and petals, “it’s smaller and more graceful than the more common *Echinacea purpurea*,” Laurel says. But despite its delicate looks, this native takes a string of hot dry days in stride. The purple-pink blooms begin in early summer and continue into the fall. If you snip off the expired flowers, you’ll get more fall blooms. But Laurel likes to let the attractive seedheads persist through the winter to feed the birds. “Some seeds will also germinate and take root—but not impolitely,” she reports.

*Perovskia atriplicifolia* ‘Little Spire’ (Russian sage) is another ace performer. Its silvery foliage reflects sunlight, keeping it from getting baked at high temps, and it grows well in poor soils. At two feet, the cultivar ‘Little Spire’ is shorter and more compact than the straight species and it doesn’t get as floppy later in the season. A single plant can look a bit wispy all by itself so Laurel likes to plant this dry-loving perennial in groups mixed with bright annuals or other perennials.

Speaking of annuals, *Ipomopsis rubra* also makes Laurel’s list of heatbeaters. “It’s an old-timey plant I first spotted at a retirement home I was landscaping,” she says. It’s easy to see why it caught her eye. The fernlike spikes grow 3 feet high before blooming, providing a strong vertical element. But the multitudes of salmon-red flowers that follow really steal the show and persist through late summer. This lesser-known annual self-seeds freely making it a “very sustainable plant,” but unwanted new sprouts are easily removed. It thrives on abundant sunlight and little water.

Dan Bernarcik, another horticulturist at Chanticleer (and instructor for the Longwood Gardens Certificate program), has his own handful of heat lovers. *Amsonia hubrechtii* (little blue star) has impressed him ever since he planted a patch in the traffic circle twelve years ago. “This was the hottest and driest site back then,” he explains, “and the soil was compacted fill from nearby construction.” He watered for the first two or three months after planting but then left it alone, and it still thrives there

*Echinacea tenesseeensis*



today. Its lacy green threadlike leaves keep the transpiration rate low while adding a pleasing texture. Every spring, it produces small pale-blue flowers, but this native really shines in mid-September when the foliage takes on the most intense sulfur color.

*Rhus aromatica* 'Gro-low' (fragrant sumac) is also on Dan's A-list. "It's just so darn durable," he says of this wide-spreading groundcover that, at most, tops out at 4 feet. There's a patch of it running along the main road that's subject not only to brutal sun, but also to winter ice and road salt. Nevertheless, Dan has never seen a drought or hot spell take a toll on this cast-iron groundcover. A PHS Gold Medal Plant, it is disease and pest resistant, great for stabilizing soil, and has outstanding fall color. 'Gro-low' prefers full sunlight.

There's at least one shrub that meets Dan's summer tough-guy status, and that's *Lindera salicifolia* (willow-leaf spicebush). "It never fails to surprise me how well it does during droughty times," he says. In the fall, its unique willow-like foliage transforms into shades of red and orange that "would embarrass any witch hazel or maple." The leaves eventually fade to a robust tan and hang on all winter, falling off only when the buds swell in spring. Reaching heights of 10 to 12 feet, this multi-stemmed beauty makes a terrific screening plant. 🌿

Rob Cardillo is a nationally known garden photographer, writer, and co-author of such books as *A Guide to the Great Gardens of the Philadelphia Region and Fallschaping*.

The Williamsburg Collection  
A GARDENSHEDS® EXCLUSIVE

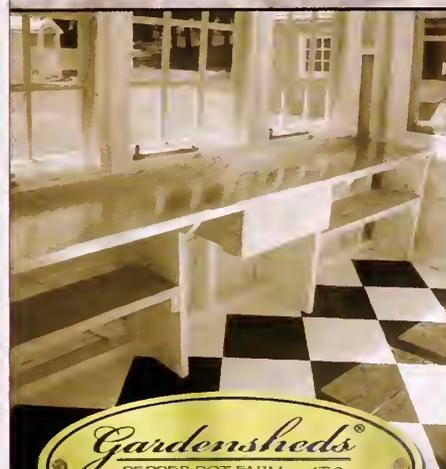


Beautify your landscape with  
Timeless design and  
Uncompromising craftsmanship  
reminiscent of another era.

Our original products are fully  
Assembled, finished, and shipped from  
our Pennsylvania workshop  
To 48 States.

View our entire collection of  
Gardensheds, Greenhouses,  
Screen Houses, Pool Houses, Pavilions,  
Follies, Entry Gates, Estate Planters,  
Bird Houses and Dog Houses.

[www.Gardensheds.com](http://www.Gardensheds.com)  
Toll-FREE: 877-SHEDS-11



LAMBERTVILLE, NJ

For the first two decades of adult life, I lived as an urban apartment-dweller. Windowsills that could have provided space for potted herbs found their interiors used as the cat's perch and exteriors as pigeons roosts. During those years, the closest I got to the land was the soil left dangling on the roots of seasonal vegetables bought at the farmers market. Many mid-August subway rides were aromatic—from the fresh basil, tomatoes, and garlic I carted home to a Manhattan apartment where an annual canning ritual (with no air conditioning) began. I was already planning on spending snowy winter days in the kitchen making hearty soups and stews.

About eight years ago, my husband, young child and I moved to what I see as the Tuscany of upstate New York. Lush, rolling hills, checkerboard fields, and a variety of farms make this landscape bucolic. We're fortunate to know a number of area farmers and producers. Many of them have been farming through generations, while others have come to farming later in life. Even though our rural village lacks a grocery store, it's easy to source a meal locally with artisanal cheeses, grass-fed meats and pastured poultry, and sustainably grown vegetables and fruits.

Learning the rhythm of the growing season, I planned meals accordingly. May

and June brought backyard ramps (wild onions) to brighten a frittata, while tender salad greens, spinach, and peas offered at the market were a welcome addition to spring meals. Late June's bounty of blueberries from a lovely "U-pick" farm up the road went into

cobbler or pancakes (or were eaten straight from the bowl), and July brought sweet corn, tomatoes, and eggplant, perfect ingredients for light soups and pasta sauce or my summer favorite, eggplant parmesan. The fall harvest offered up winter squashes pureed or in soups, as well as vibrant beets,

turnips, fennel, celery, parsnips, and carrots that were easy to roast or add to slow-cooking stews. All of these fabulous foods and more were found within a short car ride.

So, I really didn't need to start a vegetable garden. However, I knew my work as a food writer could benefit if I did, as testing recipes would be easier with the ingredients just a few steps away from the kitchen. In addition, each holiday season I put together a dried-bean soup mix to hand out to friends and family, and I thought it would be neat to grow my own for this project. Another reason, though, is that I like to see variations of color and texture outdoors as well as on the dining table, and I'm too utilitarian to limit myself to flowers, shrubs, or trees.

As with all new gardens, planning is key. In determining the garden's perimeter, I made raised beds and brought in compost, and I

## GARDENING by the (Cook) BOOK

A Food Writer Attempts her  
First Vegetable Garden



Story and Photographs  
by Annette Nielsen



A large, shallow metal bowl is filled with a diverse assortment of dried beans. The beans are densely packed and exhibit a wide range of colors and patterns, including solid reds, blacks, whites, yellows, and oranges, as well as various mottled and speckled designs. The bowl's rim is visible at the top, and the background is a plain, light-colored surface.

A variety of dried beans, including 'Arikara Yellow', 'Vermont Appaloosa', 'Black Turtle', 'Calypso', 'Cannellini', 'Etna', 'Jacobs Cattle', 'Lina Cisco's Bird Egg', 'Pink Floyd', pinto, red kidney, 'Yin Yang', and 'Soldier'.

thought there was plenty of space to plant all of the seeds I'd purchased. Here is where the parallels to cooking come in: read the recipe all the way through before you start to cook and you won't come up short on ingredients or time. If I had read and followed the seed packet instructions, I wouldn't have found myself woefully short of space (and time) to tend all the plants. I was just happy that I had taken the first step of growing food and looked forward to the harvest.

Although too late to benefit that planting season, I consulted Meg Southerland, friend and owner of Gardenworks, a local berry, flower, and vegetable farm. First off, she suggested that it's important to plant where you can see your garden—the more visible, the more attention it will receive. She said it's difficult to make choices when you have a long wish list, and advised being realistic about your gardening schedule. She encouraged the idea of raised beds as they minimize encroaching weeds from the lawn, and they might ensure a more manageable-sized garden.

In my "color outside the lines" philosophy, I didn't adhere strictly to the raised beds. The beans (20 colorful varieties) that I thought would be perfect for the annual bean-soup mix found a home in another part of the yard—in an area not so visible—and as a result they didn't receive enough attention. My yield of five or six pounds of beans fell a bit short of my required 25 to 30 pounds. Purchasing those beans in the future from our local food co-op is probably the way to go. The two packets of winter squash

along with the rainbow Swiss chard almost crowded out all of the other plants in the raised beds. A more experienced vegetable gardener would have known that the one winter squash plant that crept from the compost pile would be plenty for a family of three.

Because of space limitations, there was enough parsley and sage, but I sorely missed the bounty of basil needed for summer pestos and fresh tomato sauces, and I lacked adequate rosemary stems to use as my favorite kebab "skewers" in outdoor grilling. The spinach came up in abundance, but for the amount we consume, I'm probably better off buying it at the farmers' market. Somehow, I also weeded out all of the eggplant seedlings—I guess I need to conduct some research in that arena.

So I've learned that in every garden there are tough management choices. Favorite new recipes will inspire additions to the gardening plan, but based on available time and space, I may need to eliminate other selections. I've learned, too, that as soon as spring planting is completed, I'm already thinking about the next growing season and what I might create in the kitchen. And don't mistake me for a gardener—I'm just a cook who likes easy access to fresh ingredients, pleasing the palate along the way. 🍴

---

Annette Nielsen grew up in the Adirondacks and has spent most of her adult life as an urban dweller, community organizer, and food writer. She is currently editing a cookbook for *Adirondack Life* magazine and manages her rural town's community garden.



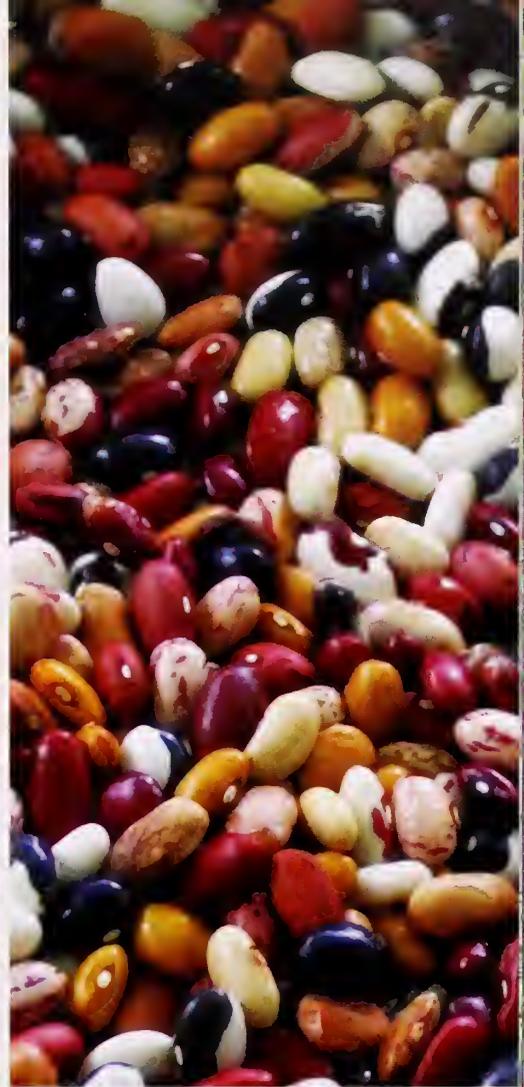
Find us  
in *your* backyard.

**burkebrothers.com**

**BURKE**  
**BROTHERS**  
Landscape Design / Build  
215.887.1773



'Rainbow' swiss chard ready for sautéés and soups



Raised beds sport green beans and a variety of lettuces and herbs for use throughout the season.



Young friends Maryann and Julie enjoying the garden



Roma tomatoes, garlic, and flat leaf Italian parsley are canned and used throughout winter for soups, stews, and pasta sauces.

# Frank Lloyd Wright's Pennsylvania Gardens

## A VISIT TO THREE WRIGHT LANDSCAPES IN THE LAUREL HIGHLANDS

Frank Lloyd Wright (1867-1959) has been described by the American Institute of Architects as “the greatest architect that ever lived.” His designs for Fallingwater, a residence that straddles a waterfall along Bear Run, Pennsylvania; Kentuck Knob, Chalk Hill, Pennsylvania; and the Duncan House, near Donegal—all located in Pennsylvania’s bucolic Laurel Highlands—are architectural masterpieces considered great works of art. Much less known is Wright’s genius for garden design and landscaping.

The most famous Wright project is **Fallingwater**, a weekend retreat built for the Edgar J. Kaufmann family, Pittsburgh department store owners, over a series of waterfalls along Bear Run. From 1925 to 1934, Wright had few commissions, owing to the Great Depression and the general belief that his work was behind the times. He was deeply in debt and



Fallingwater in spring



Story and  
Photography  
by Derek Fell

needed a stunning success to re-energize his career. When Fallingwater was completed in 1937, the project provided the critical acclaim that made his final 20 years the most productive of his life.

Considering the hand that nature has played in the setting of Fallingwater, one may wonder what landscape innovation could be attributed to Wright. It is precisely the artful way Wright dovetailed his design for human shelter into a pristine natural environment that makes the site a landscaping triumph. Fallingwater exemplifies Wright's credo for good landscaping. He wrote:

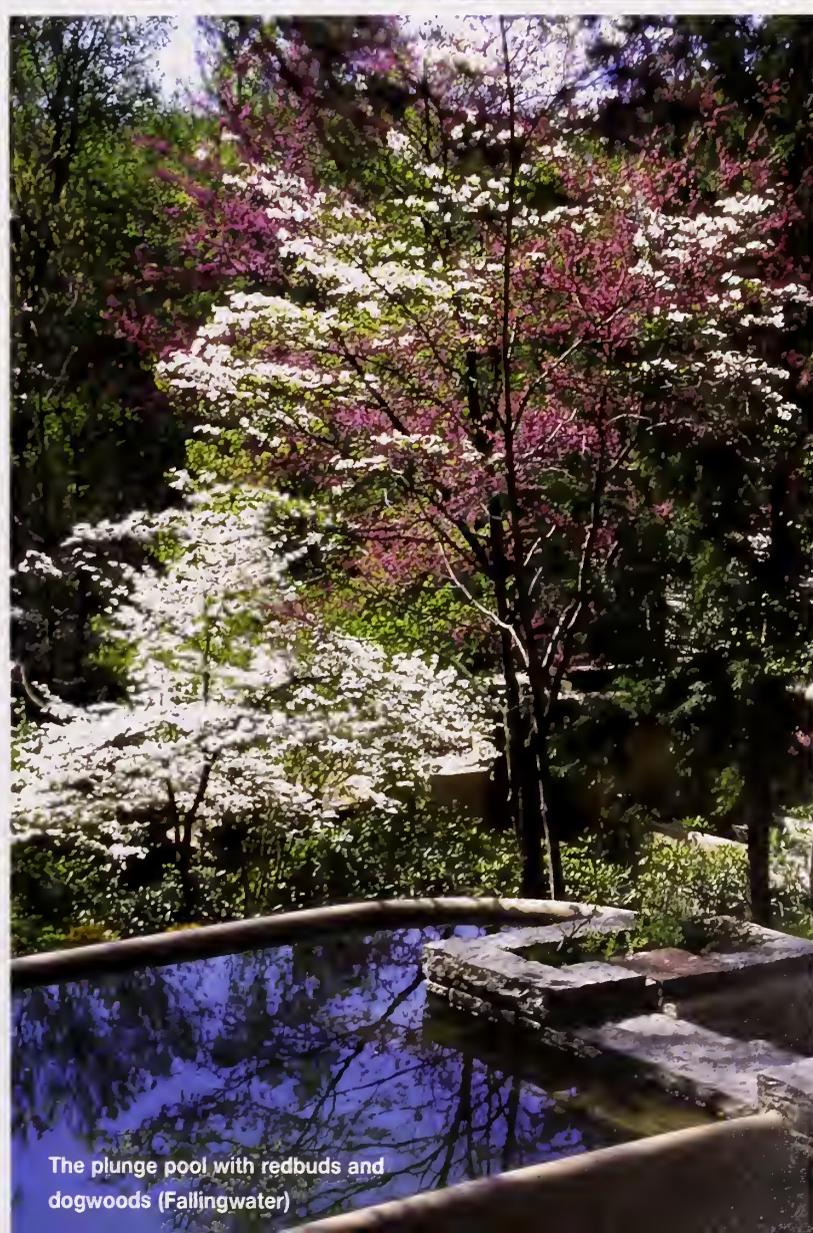
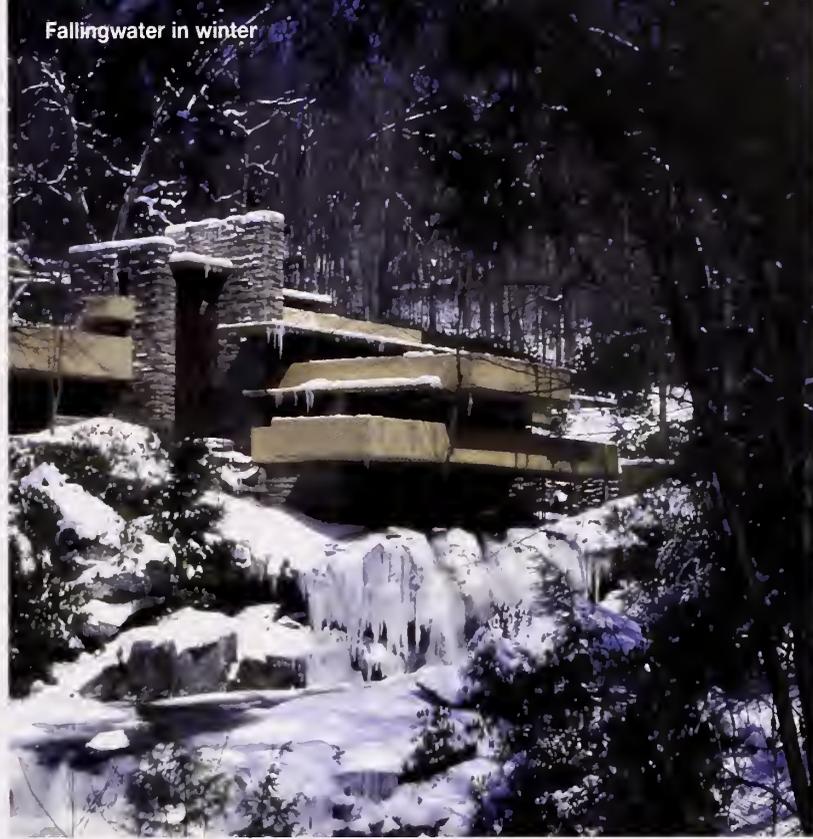
*It is wrong to think that landscaping is a collection of specimens from all parts of the world.... The finding of plant varieties is a scientific venture, fine and noble in itself, but it must not be confused with art, as is so often done.*

*To be inspired by and to create parks and gardens out of the beauty and composition of our native landscape is a much higher accomplishment than to form a garden with varieties of plants that have no intimate association with each other or with us and which at best become a mere patchwork influenced by the curious and scientific mind.*

At Fallingwater, Wright saved as many existing natural features as possible. Even the topmost boulder of the main promontory projects into the living room to form a hearth for the fireplace, a suggestion by Kaufmann that Wright readily agreed to. Yet Wright did add subtle touches of exterior landscape design, particularly between the main residence and a guest cottage.

They include terraces above the main residence for a massed planting of native Christmas ferns that slopes down to a cliff edging the driveway. A breezeway of beams creates a slatted trellis, so part of the cliff is shaded for moss and fern growth, and part is in sunlight, making a sunny rockery bright with native blue forget-me-nots (*Myosotis sylvatica*) and hardy native geranium (*Geranium maculatum*) in spring. A stepped, covered walkway overhung with redbuds and dogwoods connects the guest cottage to the main house. The terraces also allowed the Kaufmanns to grow cultivated plants like lilies, which still bloom in summer beside a plunge pool off a sunny flagstone patio beside the guest cottage. A Japanese white wisteria covers an arbor attached to the guest cottage to add an oriental flavor.

The breezeway, leading uphill from the main residence, provides the "compression and release" sensation that Wright favored for both interior and exterior spaces. Also, a flight of



The plunge pool with redbuds and dogwoods (Fallingwater)

Frank Lloyd Wright



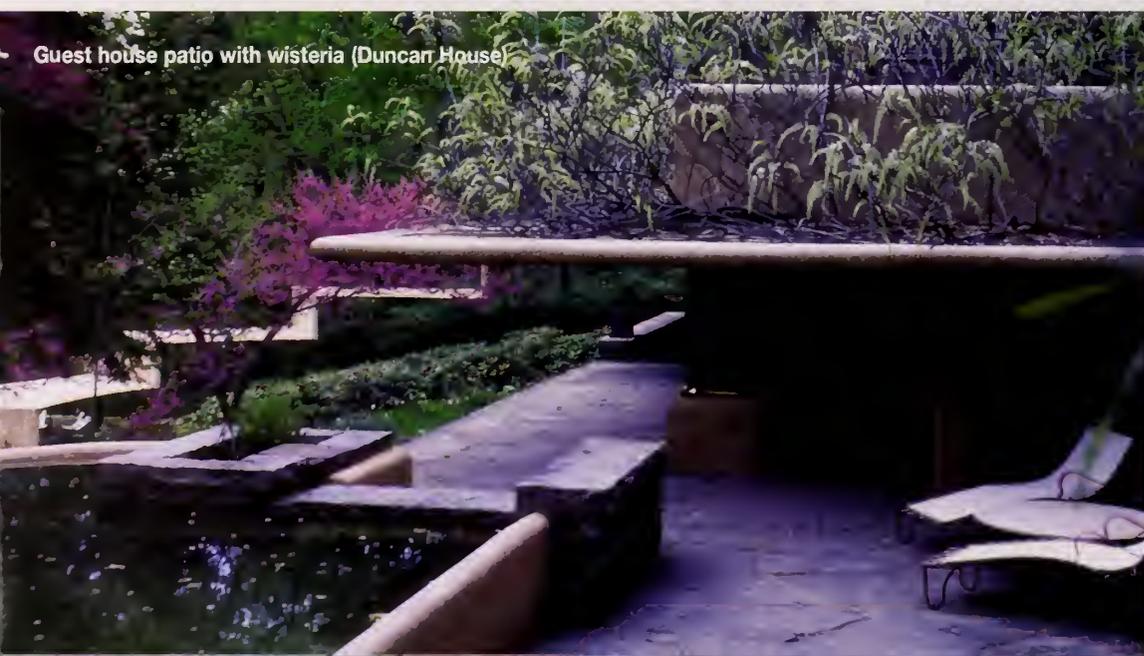
The patio at Kentuck Knob



Kentuck Knob sculpture



Duncan House in its wooded setting



Guest house patio with wisteria (Duncan House)

### Planning a Visit

#### Fallingwater:

Open all year (weekends only during winter months). For more information call 724-329-8501 or visit [wpconserve.org](http://wpconserve.org).

#### Kentuck Knob:

Open all year. For information call 724-329-1901 or visit [kentuckknob.com](http://kentuckknob.com).

#### The Duncan House:

For information about tours and accommodation, call 800-458-4680 or visit [polymathpark.com](http://polymathpark.com).

## Frank Lloyd Wright

steps below the living room of the main house gives access to another pool carved out of the streambed. "A struggle against nature never appealed to me," Wright declared. "The struggle for and with Nature thrilled me and inspired my work."

Though Fallingwater is in a breathtaking forest setting, with towering deciduous trees and an under-planting of native mountain laurel and *Rhododendron maximum* bordering the stream and waterfalls, director Lynda Waggoner wants to introduce more native plants. "The woodland used to be thick with white native dogwood," she explains. "But the dogwood declined as a result of a fungal disease. Now, it seems to have developed a resistance, so I'd like to see more of it planted."

Waggoner says she'd also like to enhance approach roads beyond the property by planting dogwoods, redbuds, and other native flowering trees "so that visitors can sense the presence of Fallingwater as soon as they enter the valley." Another desire is for a richer assortment of native wildflowers, since the Laurel Highlands are a prime habitat for colonies of trillium, Virginia bluebells, blue woodland phlox, lady's slipper orchids and winterberry.

**Kentuck Knob**, now owned by Englishman Lord Peter Palumbo, is an example of a more modest residence Wright called "Usonian," developed during the Depression. When Wright built Kentuck Knob in 1954 for the Hagan family, owners of the Hagan Ice Cream Company, the hilly 79-acre property at 2,000 feet above sea level was completely bare of vegetation as a result of poor, chalky soil and exposure to wind. Although the absence of trees provided sweeping panoramic views, Wright advocated planting indigenous trees to improve the site. Today the house is surrounded by woodland, with gaps in the trees allowing views into the surrounding countryside.

In addition to a tour of the home with its large, low great-room, modest kitchen, and

## FINE PRUNING BY CATHERINE POTTER

ORNAMENTALS HAND PRUNED WITH CARE TO MAINTAIN HEALTH & NATURAL FORM  
36 YEARS OF EXPERIENCE IN THE FIELD...BARNES & LONGWOOD TRAINED

CONSULTING, GARDEN DESIGN & SUPERVISORY SERVICES

Catherine Potter . garden consultant . By Appointment: 610.353.3225



Just miles from the Jersey Shore and nestled in a quiet residential neighborhood, sits Waldor Orchids, an award-winning, family-owned nursery that's home to some 500,000 orchid plants.

*Waldor Orchids*

Specializing in quality orchids for 80 years

We invite you to visit our Web site at [www.waldor.com](http://www.waldor.com)  
10 E. Poplar Avenue Linwood, NJ 08221  
Ph (609) 927-4126 Fax (609) 926-0615

## Unprecedented Experience • Personal Service • Exceptional Quality



## IT'S THE MCFARLAND WAY!



Call today to schedule a free professional consultation to review your property.

215-844-TREE (8733)  
610-688-6644  
Fax: 215-438-1879  
[www.mcfarlandtree.com](http://www.mcfarlandtree.com)

# HAND-CRAFTED WELDED IRON

- ARBORS
- TRELLISES
- GATES
- ARCHWAYS
- OBELISKS
- TOWERS
- PAVILIONS
- PERGOLAS
- BENCHES
- FENCES
- RAILS



SELECT FROM OUR POPULAR LINE  
OF PRODUCTS OR LET US  
CUSTOM DESIGN/BUILD TO  
YOUR SPECIFIC NEEDS.



*The Painted Garden, Inc.*

(215) 884-7378

WWW.THEPAINTEDGARDENINC.COM

304 EDGE HILL ROAD, GLENSIDE, PA 19038  
SHOWROOM BY APPOINTMENT

Your garden is  
your sanctuary...  
come to Mostardi's  
for distinctive  
plants, expertise  
and inspiration.

Distinctive Plants • Home & Garden Accents  
**MOSTARDI**  
NURSERY

4033 West Chester Pike (Rte 3), Newtown Square, PA 19073  
610-356-8035 • www.mostardi.com

## Frank Lloyd Wright

three small bedrooms, visitors today can view Lord Palumbo's outdoor sculpture collection, including two substantial pieces by British sculptor Andy Goldsworthy.

Director Cathy Ciaccia says that a big problem is maintaining the labyrinth of woodland trails, especially cleanup of fallen limbs after storms. Mrs. Hagan planted 8,800 seedling trees, many for their brilliant autumn leaf color. A sample invoice from her main supplier, Musser Forest Nursery, shows the purchase of 1,000 tulip poplar, 1,000 white ash, 1,500 sugar maple, 1,000 Canadian hemlock, 500 white oak, 500 shellbark hickory, and 500 pin oak. Other purchases included hundreds of native American dogwood, mostly white. These shade-tolerant beauties were used to line the driveway to create clouds of blossom in spring.

**The Duncan House** is even less well known than Kentuck Knob. It was moved from Lisle, Illinois, to Polymath Park Resort, near Donegal, PA, 17 miles north of Fallingwater. A prefabricated Usonian-style house, one of only nine of its style ever built, it is located deep in the woods of the 120-acre park. It opened to the public in spring 2007 and is one of only six Wright residences where visitors can pay to spend the night. Currently, the landscaping around the house is mostly glacial boulders and natural woodland.

All told, there are a variety of interesting and beautiful landscapes surrounding Wright's Pennsylvania houses, each one worthy of a visit. The legendary architect specifically designed his houses to harmonize with their respective habitats. For Wright, the line between art and nature was often almost seamless. 🌿

Derek Fell's book *The Gardens of Frank Lloyd Wright* (Frances Lincoln, pub.) includes gardens Wright designed for his first home and studio at Oak Park, Illinois; his summer home, Taliesin, Wisconsin; and his winter home, Taliesin West, Arizona. His famous private commission, Fallingwater, at Bear Run, Pennsylvania, occupies an entire chapter and is featured on the cover.

“You Need More Beauty in Your life,  
Come to Nemours!”



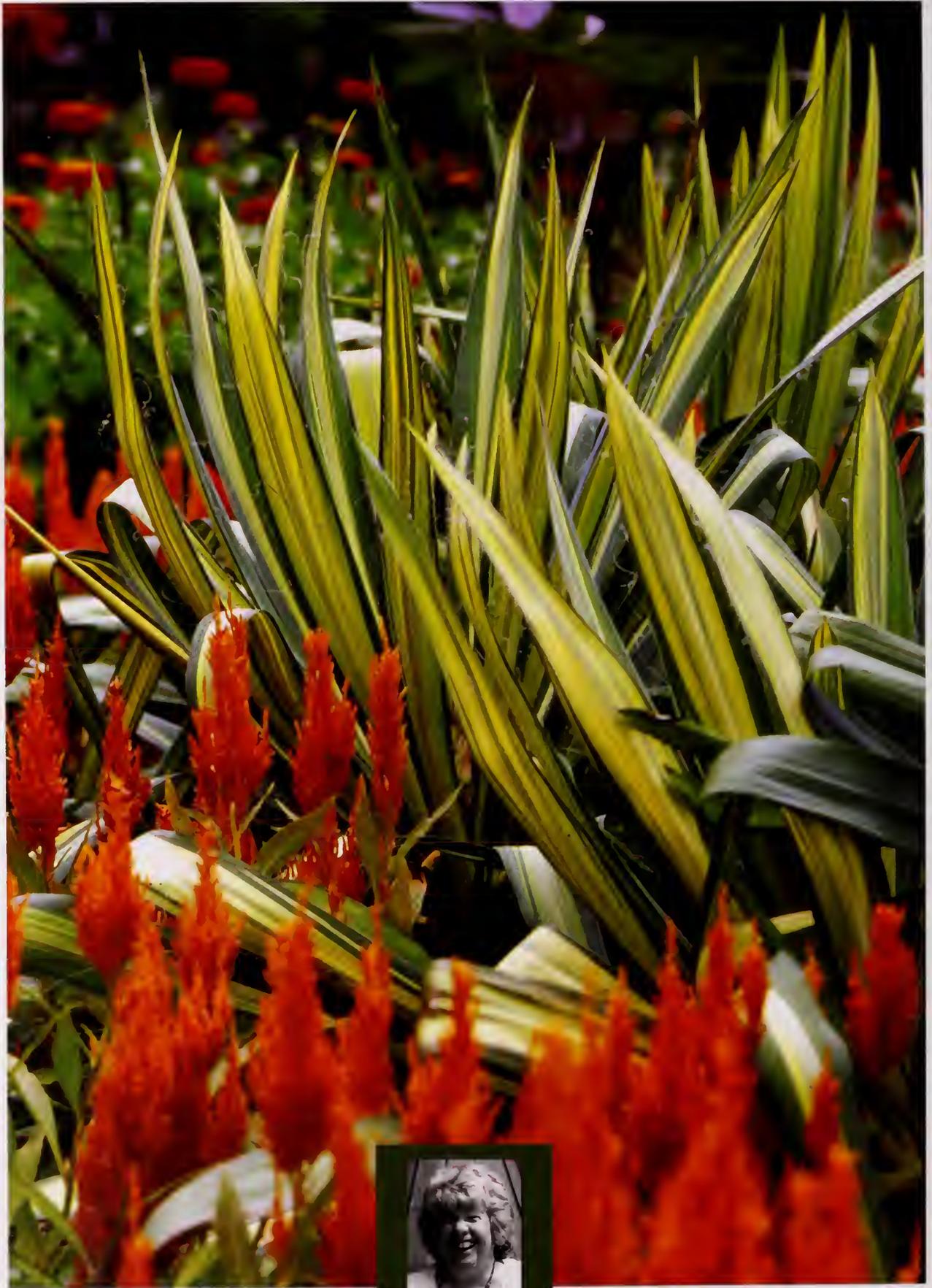
## Nemours Mansion & Gardens

A dazzling restoration by world-class architects, gardeners,  
engineers, and craftsman has restored this premiere North American  
estate to its turn of the century magnificence.

A new visitor center, re-landscaped gardens and the  
spectacular mansion welcome the public.

---

**Alapocas Drive and Powder Mill Road (Route 141), Wilmington, DE**  
**For reservations call 1-800-651-6912 or go to [www.nemoursmansion.org](http://www.nemoursmansion.org).**



By  
Stephanie  
Cohen

# Revisiting the

# YUCCA

## The Garden Stalwart Goes from Tacky to Tantalizing

Sometimes it takes adversity and some keen problem solving to shift gears and think of old plants in a new way. When I first started to teach, write, and speak about perennials, I not-so-affectionately referred to yuccas as “yucky yuccas.” But, as the last few years have produced droughts, water restrictions, and a better understanding of sustainability, I am now seeing these plants in a whole new light. After all, yuccas are not only sustainable, but last a long time with minimal moisture. Therefore, if you manage to kill a yucca, you’re probably better off purchasing plastic flowers.

At first I thought yucca were only for modern homes with a minimalist design scheme or for homes that had a southwestern flavor. You know—a yucca, a grass, a sedum (stonecrop), and an extra large boulder. It’s only recently that I’ve learned yucca can be so much more.

In the last few years we plant lovers have got away from just flowers, and just foliage as well. The upright foliage of the yucca is a perfect foil for fine-leaved plants and big, rounded leaves—and yucca will keep its form even in the driest spots.

Contrary to popular belief, the yucca’s sword-shaped leaves are not a given, as some are needle-like. Some can be thick and tough, while others are pliable. The usual foliage color is green to gray-green. The common name, Adam’s needle (or Spanish bayonet), tells you that these are not good plants to take a nap on in the garden.

When it comes to watering, in severe drought you may have to water yucca once or twice a month, according to the books. I have never done that, and nothing has died. (I don’t think yuccas read the same

books as I do.) Yuccas are truly full-sun plants, and the key to success is good drainage and good drainage, ad nauseum. They prefer a location with minimal winter dampness and a slightly gritty soil. I am growing mine in garden soil with clay substrate, and so far, so good. Remember wet roots (akin to wet feet) will give them pneumonia, and the prognosis involves looking for an appropriate tombstone.

You will notice I haven’t mentioned flowers; usually this is a sign that they are very small or ugly, but this is not the case with yucca. The waxy bell-shaped flowers appear in mid summer and, believe it or not, are fragrant, especially at night. The flowers hang down in large panicles arising from a central stalk, which makes them rather showy.

For those who need something at the back end of their property, along the property line or fence, or in an out-of-the-way bed, yucca is the perfect plant. Just add a tall ornamental native grass like *Panicum virgatum* ‘Shenandoah’ or ‘Northwind’, whose plumes dance for you in the fall. Add the equally drought-tolerant stonecrop, such as ‘Autumn Fire’ or ‘Purple Emperor’ (whose purple leaves will match ‘Shenandoah’). You can leave out the obligatory rock and try *Rudbeckia fulgida* var. *fulgida*, a late, mid-sized black-eyed Susan. Altogether, you will have a very low-maintenance and drought-resistant garden. One other thing: Bambi (Mr., Mrs. or Junior) is not fond of yuccas or grasses. Stonecrops, however, are on their appetizer menu.

Now we are going to get away from the common green varieties and discuss some hot new yucca cultivars that will perk up your garden but have exactly the same sterling characteristics.

Yucca is hardy in Zones 4 to 9. It grows about 3 to



4 feet tall, but the flower stalks can reach 6 feet or more in height. The creamy white pendant flowers will bedazzle you for several weeks. The cultivar called 'Bright Edge' has the typical sword-shaped leaves, but it has a spectacular golden edge on the green leaf. The effect is handsome and different.

*Y. filamentosa* 'Color Guard' has a large yellow center with a small green edge. It gets a dab of bright coral along the edge as winter approaches. 'Gold Edge' is similar to 'Bright Edge', but has thinner leaves and an actual pale-yellow margin. Similar but shorter at 3 feet is 'Ivory Towers'. The sword-shaped leaves have gray-green edges and gray-green streaks down the ivory center. Yes, it's striped. Now that's a hot new twist! If these are too showy for you, 'Variegata' has a white margin that echoes the leaves. It's good to have choices!

My new favorite is *Yucca rostrata* 'Sapphire Skies', commonly called blue-beaked yucca. It is hardy in Zones 6 to 9 and needs the same good drainage, but prefers an alkaline soil. It also appreciates a somewhat sheltered location out of the wind. It has powder-blue/gray leaves that are finer and shorter. Over the years it will form an upright, unbranched tree up to 4 feet high with a stout trunk. In the meantime, this little beauty will be 16 inches tall for a while. To complement the blue green color of



'Sapphire Skies', try lamb's ears (*Stachys byzantina* 'Countess Helene von Stein', also called 'Big Ears'). Another good companion is *Veronica incana*, known commonly as woolly speedwell, grown primarily for its leaves. Just remember that both of these "melt out" (that's Southern speak for bite the dust) in hot, humid conditions. Personally, give me any stoncrop, which won't give a darn about the weather.

Yuccas are on the march right into your beds, borders, and containers. There is nothing better for the hot, dog days of summer and our extended fall season. 🍷

---

Stephanie Cohen is a nationally known horticulturist, author, lecturer, and instructor who's based in the Philadelphia region.

# Legacy Landscapes

Planting the Future of PHS



Legacy Landscapes is a \$12.1 million campaign to establish an endowment fund to support the horticultural maintenance of civic and neighborhood landscape projects of the Pennsylvania Horticultural Society. For more information please contact the PHS Development Office at 215-988-8800 or visit [www.pennsylvaniahorticulturalsociety.org](http://www.pennsylvaniahorticulturalsociety.org)



The Pennsylvania Horticultural Society

*New Twists*  
on old favorites

**The Scott Associates**  
**2009 Plant Sale**  
**September 11-13**

 **THE ASSOCIATES OF THE SCOTT ARBORETUM**

For more information visit  
[www.scottarboretum.org](http://www.scottarboretum.org)  
or call 610-328-8025.

*Fall is for Planting!*



*Personally Designed Unique Garden Structures!*

- Distinctive in Design
- Outstanding in Appearance
- Superior in Quality

**GalaMont**  
Great Places Great Times

877-350-3551  
[www.galamont.com](http://www.galamont.com)  
[sales@galamont.com](mailto:sales@galamont.com)

**GREEN GIANT**  
Alternative Leyland Cypress & New England's Dying Hemlocks

[www.BOTANYSHOP.com](http://www.BOTANYSHOP.com)



- New USDA Release
- Pennsylvania Gold Medal
- Tough, Fragrant, Tall, Skinny Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing 3' to 5' /Year

Thuja X 'Green Giant' • Zones 5-9

Plant all Summer.  
Potted, Thornless Blackberries and Raspberries.  
New Polka Raspberry  
\*High Yield \* Everbearing



[www.knockoutroses.com](http://www.knockoutroses.com)

**Now Introducing**  
**Disease Resistant American Elms**



Jefferson American Elm



Princeton American Elm

**Botany Shop Garden Center**  
Joplin MO  
(888) 855-3300  
Call for information and shipping arrangements.



## Making the Best of a Non-Native Invasive

**P***olygonum cuspidatum* (Japanese knotweed) is a dangerously invasive plant that spreads by rhizomes, seeds, and resprouting plant parts. It was introduced to the United States in the nineteenth century for use as hedges and for erosion control and is often found by roadsides and streams. This herbaceous plant has oval to triangular leaves with attractive greenish-white flowers and can grow to ten feet tall. The stems are smooth and tubular with segmented sections, like bamboo.

Japanese knotweed is a real killer, as it strangles nearby flowers and plants. To eradicate it, a vigilant treatment of herbicide is required after pruning larger stems from the plants. When cutting stems be sure to put extra pieces into a heavy plastic bag and not into compost. The best time to

destroy this villain is mid-summer. Cut the branches to reduce the size of the area to be sprayed with herbicides. About a month later, spray with a glyphosate (Roundup) or triclopyr herbicide.

In the meantime, the cut stems can be put to use in floral designs. Cut your stems and carefully bag any plant parts you do not use. Once the Japanese knotweed has been eliminated, you can use dried bamboo stalks in the same way for your flower structure.

Finding *Polygonum cuspidatum* for this arrangement was as easy as taking a walk in my suburban neighborhood. There were several stands of it invading the yards of lovely stone homes. (May we say that identifying a problem is the first step to a cure.)



Above: Stems may be crossed in a low bowl to create a support for short stemmed flowers.



Left: Finished design in low bowl. Flowers are lily, yarrow, echinacea, and hydrangea.

Right: Cut *Polygonum* branches into 6- to 8-inch pieces and wrap with rubber bands to form a cylinder shape. Put structure into a low bowl and fill with water. Use the branch segments as water tubes to elevate small flowers.



Left: Wrap rubber bands with raffia and place flowers vertically into spaces between branches to create an airy garden look. Flowers are hydrangea, echinacea, and monarda.

EXCLUSIVE  
PHS Member Bonus



Fortunately, nature holds no patents on color and texture. But we do. Make your hardscaping dream complete with the beauty of EP Henry and furniture from Smith & Hawken. For a limited time, receive a \$500 certificate for Smith & Hawken furniture with your EP Henry dream outdoor solution.\* For more information, visit [www.ephenny.com/phsmember](http://www.ephenny.com/phsmember) or call 800-44-HENRY.

\*Minimum purchase of \$5,000. Proof of purchase required.

**EP HENRY**  
EXCELLENCE SINCE 1903





## Learning & Teaching

In the quest to create a border that looks picture-perfect, or to get the most abundant harvest possible, it can be easy to forget that a garden isn't simply an end product; it's a learning process. Each time we interact with our plants, we have an opportunity to observe, and to evaluate, and to question. Our living laboratories give us endless opportunities to learn and—best of all—share our experiences with others.

Take the simple act of buying plants, for instance. Are you the kind of gardener who sticks with the old tried-and-true favorites? You've grown them before, and you know that they'll perform well in your particular growing conditions. Over time, you've learned which delphiniums really do rebloom, which basil is a must-have for the best pesto, and which tomato variety is the absolute best for your favorite tomato sauce. Buying the same plants year after year doesn't make you boring; it shows that you've put in your time watching, touching, and tasting and that you've put your findings to good use!

Or, maybe you're a gardener who simply can't resist buying the newest salvia introductions, the latest coneflower cultivars, or the most recently released sweet corn variety. Perhaps you're wowed by the compelling catalog photos, or you're cynical about the grand claims of season-long bloom or the best flavor ever and want to try for yourself. Each time you grow a brand new plant, you're gathering information about how it performs in your particular conditions and how it measures up to the hype. If it's really as good as the reviews claim, then it's worth getting other gardeners excited about it, too. And if it's a dud, sharing your experience may keep another gardener from wasting time and money trying it.

Your gardening style also provides ample opportunities for experimentation. Maybe you're a one-of-this, one-of-that gardener, always on the hunt for something different and quickly gaining experience with a wide range of different plants. Or perhaps you're a collector, sparing no expense to acquire the latest daylily introduction or driving hours to track down every different



form of hybrid hellebore you can find. When you grow many different varieties of one plant in the same place, you have a perfect opportunity to compare their colors, vigor, and yields and make informed decisions about their merits.

It seems that we gardeners acquire so much knowledge that we simply can't help wanting to share it with others. From over-the-fence chats with neighbors to formal discussion groups through local plant societies, opportunities abound for each of us to be a teacher as well as a student simply by talking to others about what we've observed. Now, there are also abundant opportunities to trade tips through virtual gardening communities such as GardenWeb ([gardenweb.com](http://gardenweb.com)) and Dave's Garden ([davesgarden.com](http://davesgarden.com)).

Another exciting option is starting your own garden blog, an online journal where you can share pictures and stories of your gardening woes and triumphs with other gardeners all over the world. The best way to begin is by reading other gardeners' blogs for a while to get a feel for how the whole process works. You can find links to over a thousand garden blogs at Blotanical ([blotanical.com](http://blotanical.com)), or go directly to a free blogging site, such as WordPress ([wordpress.com](http://wordpress.com)) or Blogger ([blogger.com](http://blogger.com)) and jump right in. You'll be amazed at how quickly your little plot gets connected to other gardens worldwide, and how exciting it is to teach and learn from other gardeners everywhere! 🌱



### Come Blog with PHS!

Stay connected with PHS by visiting our two new blogs.

The first, *Philadelphia Green News*, offers event information, project updates, and helpful hints for making your world a little greener. Also, visit the *Philadelphia Flower Show Blog* for exhibitor interviews and sneak peeks of what's ahead in 2010. Visit these pages online at [philadelphiagreen.wordpress.com](http://philadelphiagreen.wordpress.com) and [theflowershowblog.wordpress.com](http://theflowershowblog.wordpress.com).



*No Gloves. No Bugs. No Worries.*



## **We Grow Beautiful Gardens. Naturally.**

Since 1929, Espoma has been the pioneer in natural gardening solutions. From our leading plant food, Holly-tone, to our new Earth-tone control products, we have given generations of gardeners safe, effective solutions from the finest natural ingredients.

**The most trusted name in natural organics**

**Proven results for over 75 years**

[www.espoma.com](http://www.espoma.com)



## GREEN SCENE "GARDEN PHOTO CONTEST" OFFICIAL CONTEST RULES

### WHO MAY ENTER

- Amateur photographers aged 18 and older (those who earn less than 1/4 of their annual income from photography).
- Employees of the Pennsylvania Horticultural Society and its affiliates are not eligible.

### SUBMISSIONS

- Photographers may only enter images as 4 x 6-inch or 5 x 7-inch prints, either in color or black-and-white.
- **IMPORTANT:** On the back of each image, you must write your name, address, email and/or phone. Optional: You may also include technical information about the photograph (camera type, f-stop, speed, film type, etc.), as well as background information.
- If you'd like your images returned, please enclose a SASE (self-addressed stamped envelope) with your submission.
- Original images may be shot on print film, slides, or digital cameras, but all submissions must be prints as stated above (no slides or CDs accepted).
- All photographs must be previously unpublished.
- All photos must have been taken within the past three years (since August 1, 2006).
- Photos may eventually be mounted on cardboard if we choose to display them.
- Photos that violate or infringe upon another photographer's copyright are not eligible for entry.
- The Pennsylvania Horticultural Society is not responsible for loss of or damage to any photographs submitted for the contest.

### ENTRY FEES

- Photographers may enter 1 photo for a fee of \$15; 2 to 5 photos for a fee of \$25; or 6 to 10 photos for a fee of \$40. Fees are non-refundable.

### PRIZES

- 1st** FujiFilm Z20 Digital Camera, & publication of your photo\*.
- 2nd** A Philadelphia Flower Show coffee table book, a one-year PHS membership & publication of your photo\*.
- 3rd** One-year PHS membership & publication of your photo\*.

**Honorable Mentions (10):** Publication of your photo\*.

- *Publication will occur in PHS's Green Scene magazine (Jan/Feb '10 issue) and on the PHS website.*

### IMPORTANT DATES

- All entries must be postmarked by September 18, 2009.
- All winners will be notified by November 16, 2009.

### For more information:

For more information, please email [greenscene@pennhort.org](mailto:greenscene@pennhort.org) for fastest response. You can also call Daniel Moise at 215-988-8871.

## Classified Ads

### GARDEN STRUCTURES

#### GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood  
33 Years' Experience  
Call Robert J. LaRouche at  
Glass Enclosures Unlimited  
610-687-2444

### GREEN TECHNOLOGIES

#### Rainwater Harvesting Systems

Capture • Filter • Reuse  
Please visit our website to learn more  
[www.YourPond.com](http://www.YourPond.com)  
**Cedar Run Landscapes**  
1-800-Landscape

### HARDSCAPING

#### HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways,  
COBBLESTONE-edging and paving,  
STONE walls, RETAINING walls, MARBLE,  
GRANITE-floors, walls, countertops.

215-699-5611

Upper Gwynedd, PA

#### PATIOS & WALKWAYS

Flagstone - Pavers - Brick  
Robert J. Kleinberg  
Landscape Design & Construction  
610-259-6106  
See our work online  
100's of pictures at  
[WWW.KLEINBERG.COM](http://WWW.KLEINBERG.COM)

### LANDSCAPE DESIGN

#### BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs.  
Experienced staff ensures  
the integrity of the design  
from concept to completion.  
[burkebrothers.com](http://burkebrothers.com)  
215-887-1773 610-520-2025

#### David Brothers Landscape Services Bean Road Nursery

Architects, Builders and Nurserymen  
Providing the Fine Art of Garden Construction  
and Landscape Restoration  
215-247-2992 610-584-1550  
[www.davidbrothers.com](http://www.davidbrothers.com)

**DONALD PELL INC.  
GARDENS**

Design-Masonry-Landscape  
Please review our updated portfolio at  
[www.donaldpell.com](http://www.donaldpell.com)  
610-917-1385

**LINDA CORSON  
LANDSCAPE DESIGN**

- Consulting
- Plans
- Supervision

Registered Landscape Architect  
Member ASLA 215-247-5619

**MULCH**

**BALED PINE NEEDLE MULCH**

Pick up/Delivery/Spreading service  
Cedar Run Landscapes  
Call for brochure  
1-800-LANDSCAPE  
[www.CedarRunLandscapes.com](http://www.CedarRunLandscapes.com)

**FLOWERS AND MORE, INC.**

Garden Design, Installation & Maintenance  
PINE-NEEDLE MULCH  
Wholesale and Retail  
610-701-9283 [renee52@comcast.net](mailto:renee52@comcast.net)

**NURSERIES**

**RARE & UNUSUAL PLANTS**

- Specimen plants • Pond plants • Bonsai
- Orchids • Hardy cacti • Tropicals
- Sculptured trees and shrubs • Perennials
- Unique Flower and gift shop.

**MUTSCHLERS' FLORIST & RARE PLANTS**  
1-800-242-9438  
[www.mutschlers.com](http://www.mutschlers.com)

Perennials Are Our Specialty!

**POPES' GARDENS**

Mums • Cabbage & Kale • Pumpkins  
Fall Plants & Vegetables  
Shrubs • Trees • Fruit Trees & Berry Bushes  
Classes • Display Gardens • Farm Animals  
1146 Old White Horse Pike, Waterford, NJ  
(856) 767-3343  
[www.popesgardens.com](http://www.popesgardens.com)

**Triple Oaks Nursery & Herb Garden**

- Great Plants • Display Gardens • Programs •  
Franklinville, New Jersey  
[www.tripleoaks.com](http://www.tripleoaks.com)  
856-694-4272  
[greatplants@tripleoaks.com](mailto:greatplants@tripleoaks.com)

**OUTDOOR LIGHTING**

**Botanical Lighting**

Specializing in tasteful  
architectural and landscape lighting.

Please view our on-line gallery:  
[botanicallylighting.com](http://botanicallylighting.com)  
or call: 610-519-1212

Serving: Pennsylvania • New Jersey • Boston  
Maryland • Washington DC

**PICTURE FRAMING**

**Frames and Company**

We've been framing for 36 years  
and can make any artwork blossom!  
Our design/framers and archival materials  
will guarantee a perennial favorite.  
Our photo frames will put  
your friends in the best light,  
and we have mirrors to  
reflect your good taste.

10% off for PHS members.

3723 West Chester Pike, Newtown Square  
Under the Green & White Awning  
610.356.8122  
[www.framesandcompany.com](http://www.framesandcompany.com)

**REAL ESTATE**

**HOME FOR SALE**

Solar Designed  
13 acres of woods,  
pond in New Jersey  
856-478-4800

**Morris Arboretum**



Go Out on a Limb  
at Morris Arboretum's

**Tree  
Adventure  
Exhibit**

Opening July 4th

For details,  
[www.morrisarboretum.org](http://www.morrisarboretum.org)  
or 215-247-5777



**Morris Arboretum of the  
University of Pennsylvania**  
*Official arboretum of the Commonwealth of Pennsylvania*

**TREES**

Large Specimen Hollies  
Ilex Opaca & I. Aquipernyi  
Delicious Homegrown Berries and Tree Fruit  
**Indian Orchards**  
24 Copes Lane, Media, 610-565-8387

**Tree Transfers Inc.**

Large Tree Transplanting and Sales  
Large Screening & Specimen Plant Material  
Garden Restoration, Ponds  
Waterfalls & Patios  
215-635-2310  
Serving the Delaware Valley since 1987

**Systeme Software  
215-258-5217**

Visa MasterCard Amex  
or use your PayPal Online

**Download: \$49.95  
CD-ROM: \$59.95**

*Cattleya-Log is the best software  
available for tracking an orchid  
collection of any size.*



Try it out for FREE!

**Cattleya-Log™**

*Catalog your Orchid collection today!*

For each plant you have you can track:

- Extensive Details
- Digital Photo Album
- Blooming History
- Journal Entries
- Repotting History
- Cultural Notes
- Medical History
- Book Index
- Pollination History
- much, much more!

Produce reports to take to shows and sales  
Track your Wishlist and favorite Websites too!

Visit [www.cattleyalog.com](http://www.cattleyalog.com) to try it or to buy it



## The **Backyard**

# PHS Joins Forces with Keep America Beautiful

By Mike Groman

When PHS developed its last strategic plan, we decided it was time to bring our acclaimed Philadelphia Green program to a national audience. We felt that the success of our greening work and community building in the city could be replicated on a larger scale for greater benefit. Soon afterward, we began working with Keep Pennsylvania Beautiful and later with its parent organization, Keep America Beautiful (KAB). This year, that exciting partnership took off.

Keep America Beautiful was formed in 1953 by corporate and civic leaders interested in creating a “national cleanliness ethic” based on preventing litter and reducing waste. As America’s First Lady in 1965, Lady Bird Johnson helped KAB promote its highway beautification program. And many remember the organization’s famous “tearful Indian” TV spots of the 1970s, featuring Native American actor Iron Eyes Cody.

Today, KAB is looking to provide its 600 affiliates and thousands of volunteers with a greater range of greening information, and that’s where the PHS partnership comes in. As PHS members, Keep America Beautiful affiliates can now tap into our expertise in horticulture, community greening, tree planting, community gardening, and park stewardship. KAB chief operating officer Becky Lyons says, “PHS will support KAB affiliates by offering conference workshops and training, as well as webinars over the



**Actor Iron Eyes Cody from the '70 KAB commercial**

Internet. It will also share its research and technical expertise through the PHS McLean Library, publications, and website.”

Adds KAB president and CEO Matthew McKenna, “We’re also excited that PHS will offer training in community engagement and choosing the right plant for the right place. Our affiliates will further tap into many other areas of expertise developed through Philadelphia Green, the PHS urban revitalization program that has served as a greening model for other cities around the country.”

“There couldn’t be a better time for such a partnership,” explains Blaine Bonham, executive vice president of PHS. “With the emphasis on living ‘green’ and extensive research showing the economic, social, and environmental impact of creating vibrant community spaces, our relationship with Keep America Beautiful provides the means for PHS to share its experiences and help others fully embrace the power of green.”



### **Greetings to our New KAB Members!**

**PHS would like to welcome  
the Keep America Beautiful  
affiliates.**

“We’re thrilled to have you join us as PHS members,” says PHS president Jane G. Pepper. “Please visit our website to learn about our programs, such as Philadelphia Green, as well as the Philadelphia Flower Show, which blossoms each March in our city. We hope you enjoy the benefits of this new relationship as much as we will enjoy getting to know you and your fine organization.”



[pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org)



WINTERTHUR



Photos: Jeannette Lindvig, Ruth Joyce, Russ Kennedy

# Experience. Explore. Enjoy.

## What's in Bloom

*Year-round*

As H. F. du Pont developed the Winterthur Garden he kept a weekly list of blooms, a tradition that Winterthur continues today. Discover what's in bloom at [gardenblog.winterthur.org](http://gardenblog.winterthur.org) or call 302.888.4856.

## Wednesdays at Winterthur

*Now through October 28, 11:30 am*

Hone your gardening skills with Winterthur's expert horticulture staff! For a complete list of demonstrations, talks, and guided walks, visit [winterthur.org/wednesdays](http://winterthur.org/wednesdays) or call 800.448.3883.

## Second Saturdays Garden Walks

*Now through December 12*

Join Winterthur's horticulture staff for garden walks on the second Saturday of each month. Walks last approximately 90 minutes. For a complete list of topics and times, visit [winterthur.org/calendar](http://winterthur.org/calendar) or call 800.448.3883.

## Enchanted Woods

Families can enjoy a world of wonder in Enchanted Woods, Winterthur's award-winning children's garden. Explore the new Upside-Down Tree!

*Members free. Included with admission. No Wednesday programs in August. All dates are subject to change. Please visit [winterthur.org](http://winterthur.org) for more details.*

**WINTERTHUR MUSEUM & COUNTRY ESTATE**

Nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route 1, less than one hour south of Philadelphia  
800.448.3883 • 302.888.4600 • [winterthur.org](http://winterthur.org)



# Your life is an exciting adventure story. Let us help write the next chapter.

Success doesn't come easy and you've worked hard for what you have. At PNC, we understand the wealth you've earned isn't an end in itself. It's simply a way to help you take on your next challenge. That's why our highest priority is to thoroughly understand your situation. And help guide you on your journey ahead.

**Call (888) 762-6226 or visit [pnc.com](http://pnc.com).**



**Trust & Estate • Wealth & Retirement Planning • Investment Management • Private Banking Services**

The PNC Financial Services Group, Inc. ("PNC") provides investment and wealth management, fiduciary services, FDIC-insured banking products and services and lending and borrowing of funds through its subsidiaries, PNC Bank, National Association and PNC Bank, Delaware, which are **Members FDIC**. PNC does not provide legal, tax or accounting advice. ©2007 The PNC Financial Services Group, Inc. All rights reserved.  
Investments: Not FDIC Insured. No Bank Guarantee. May Lose Value.

# GREEN scene



Supporting Wildlife by Growing  
**NATIVE PLANTS**

2010 PHS Gold Medal  
Plant Awards

SEPTEMBER-OCTOBER 2009 • \$5.00

THE PENNSYLVANIA HORTICULTURAL SOCIETY  
1887  
**PHS**  
PLANTING SEEDS. GROWING LIVES.

# Cathedral Village



*When Friends and Family Ask,  
"What do You do For Fun?"*

*We tell them we enjoy . . .*

- ◆ The Village College . . . where courses are taught by our own Resident Professors . . . and where there are no tests to take or tests to correct!
- ◆ Swimming at sunrise . . . during the day . . . and even in the winter when it's snowing!
- ◆ The camaraderie of friends while exercising in the Health Club or doing Tai Chi and Yoga.
- ◆ An Outstanding Concert Series featuring Astral Artists and other distinguished musicians from a wide geographic area, as well as concerts given by many of our talented residents.
- ◆ Singing in our new Village Chorus which performed at the Arden Theater.
- ◆ Having our own Greenhouse for personal use year-round along with interesting and fun-filled seminars given each week by professional horticulturists.
- ◆ Having a wonderful, light-filled Art Studio for self-expression, as well as art classes in a variety of media.
- ◆ Our separate Pottery Studio where classes are also held; and Craft and Woodworking Rooms for individual use and creative classes.
- ◆ Having a great deal of fun participating in or attending Play Reading performances.
- ◆ Putting around on our Professional Green for fun as well as competition.
- ◆ Many Bridge tournaments, Scrabble competitions, and parties in our Presser Lounge.
- ◆ Taking the Cathedral Village bus to Center City for the Orchestra, Theater and Ballet, and for day trips to museums, flower shows and many other places of interest.
- ◆ Joining Resident Committees and enjoying each other's company while volunteering in the Library, Gift Shop and other areas of the Village where our help benefits others.

Woven into this truly enjoyable lifestyle are new friendships with kindred spirits!

*~ Come for a visit and discover even more! ~*

Visit Monday through Friday between 9 AM and 3 PM.

Appointments are needed for weekends and holidays.

600 East Cathedral Road • Philadelphia, PA 19128

[www.cathedralvillage.com](http://www.cathedralvillage.com)

(215) 984-8621



Cathedral Village is a Nonprofit  
Nondenominational Continuing Care  
Retirement Community



Accredited Since 1984  
Affiliated With the Jefferson Health  
System Since 1986

Editor  
Pete Prown

Senior Editor  
Jane Carroll

Associate Editor  
Daniel Moise

Staff Photographer  
Margaret Funderburg

Art Design  
Baxendells' Graphic

Printer  
ALCOM Printing Group, Inc.



Website  
[pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org)

100 N. 20th St.  
Philadelphia, PA 19103-1495  
215-988-8800

Chair  
John K. Ball

President  
Jane G. Pepper

Executive Vice President  
J. Blaine Bonham, Jr.

PHS Membership Information  
Linda Davis, 215-988-8776

Display & Classified Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Classified Ads  
Manzo Media Group  
610-527-7047  
[mmanzo@manzomediagroup.com](mailto:mmanzo@manzomediagroup.com)

Garden Q & A Phone Line  
215-988-8777, Monday through Friday,  
9:30 to 12 [closed in December]  
[askgardener@pennhort.org](mailto:askgardener@pennhort.org)

GREEN SCENE (USPS 955580),  
Volume 37, No.5, is published bi-monthly  
(January, March, May, July, September, November)  
by the Pennsylvania Horticultural Society,  
a nonprofit member organization at  
100 N. 20th St., Philadelphia, PA 19103-1495.  
Single Copy: \$5.00 (plus \$2.00 shipping).

Second-class postage paid at  
Philadelphia, PA 19103.

POSTMASTER: Send address change to GREEN SCENE,  
100 N. 20th St., Philadelphia, PA 19103.

© 2009 Pennsylvania Horticultural Society



# GREEN scene



## FEATURES

**Making the Link.....10**  
In this piece, Marilyn Romenesko talks to Dr. Doug Tallamy about the crucial link between native plants and native wildlife. As we learn, they can't live without each other, and it's up to us to keep this circle of life thriving.

**Magic in Maryland .....14**  
Dan Moise takes us on a tour of two artistic gardens in northern Maryland.

**Stunning New Oxalis .....18**  
Jo Ann Gardner shows us several new *Oxalis* types and colors, from variegated greens to purples to golds. Indeed, these certainly aren't the same ol' shamrocks.

**2010 PHS Gold Medal Plants .....24**  
Joe Ziccardi unveils the five winners of the 2010 PHS Gold Medal Plant Award.

## COLUMNS

- The Potting Shed.....6**
- The Green Arranger .....28**  
*The Sand Garden*
- The Multi-Purpose Garden .....30**  
*The Magic of Meaning*
- The Backyard .....34**

### Green Scene gets Greener!

In an effort to become even greener, *Green Scene* is now printed on a new paper that's FSC Certified (Forest Stewardship Council), meaning it is made of wood pulp taken from responsible sources. The paper is also certified by SmartWood, a program of the Rainforest Alliance, and is printed with soy-based ink, as opposed to petroleum-based ones. In the coming months, look for more green initiatives from PHS.



The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

Cover photos: Doug Tallamy, Pete Prown,  
Teekagee/Dreamstime.com, Greatpics/Dreamstime.com

# Growing for the Dividend

A Glimpse Behind the Scenes at Members' Day



Members' Day is one of my favorite PHS events, but then again, *everybody* says that. Held at the Navy Yard in Philadelphia, it's a pleasant day outdoors with friends and family, one that features lectures, food, and *lots and lots* of plants. There are plants for purchase, but also free ones for pickup in the Plant Dividend tent, an especially enjoyable benefit of your PHS membership. Have you ever wondered where all those potted gems come from? This year, I thought we'd fill you in on the back story.

Sharing plants is a longstanding PHS tradition, dating back to the earliest days of the Society. The Dividend tent is filled with up to 5,000 plants grown and donated by volunteers, friends, nurseries, staff, and PHS members with special horticultural interests. There are any number of perennials, shrubs, trees, PHS Gold Medal plants, houseplants, herbs, and even water plants. Better yet, all can be planted in autumn because of the cool weather. Education manager Chela Kleiber says, "There are frequently some unusual specimens in there, grown by gardeners who want to share them with others. Our members are very talented propagators."

When you come to Members' Day, you show your current membership card at the entrance and get a ticket permitting you to take one or several plants, depending on your membership category. Inside, the plants are labeled with Latin and common names and organized so members will know, for example, if it's a sun-loving plant or one that prefers a shadier area. "One of the best parts of the Dividend is the element of surprise and excitement—you never know what you'll find," says Chela. "People in the know can recognize treasures, even if they're not blooming at the time. But the Dividend is also great for members who are still learning about horticulture, as there are always plenty of volunteers at the tent to answer your questions."

And when the Plant Dividend is over, any leftover plants are donated to community gardens across the city and other public places that can use them. So come down to the Navy Yard on September 12th to join in the fun. If you haven't attended before, Members' Day will quickly become one of your favorite PHS events. Rain or shine, it's always memorable. Visit the PHS website for more information

*Pete Prown*

email: [greenscene@pennhort.org](mailto:greenscene@pennhort.org)



Photos: Jeannette Lindvig, Ruth Joyce, Russ Kennedy

# Experience. Explore. Enjoy.

## What's in Bloom

*Year-round*

As H. F. du Pont developed the Winterthur Garden he kept a weekly list of blooms, a tradition that Winterthur continues today. Discover what's in bloom at [gardenblog.winterthur.org](http://gardenblog.winterthur.org) or call 302.888.4856.

## Wednesdays at Winterthur

*Now through October 28, 11:30 am*

Hone your gardening skills with Winterthur's expert horticulture staff! For a complete list of demonstrations, talks, and guided walks, visit [winterthur.org/wednesdays](http://winterthur.org/wednesdays) or call 800.448.3883.

## Second Saturdays Garden Walks

*Now through December 12*

Join Winterthur's horticulture staff for garden walks on the second Saturday of each month. Walks last approximately 90 minutes. For a complete list of topics and times, visit [winterthur.org/calendar](http://winterthur.org/calendar) or call 800.448.3883.

## Enchanted Woods

Families can enjoy a world of wonder in Enchanted Woods, Winterthur's award-winning children's garden. Explore the new Upside-Down Tree!

*Members free. Included with admission. All dates are subject to change. Please visit [winterthur.org](http://winterthur.org) for more details.*

## WINTERTHUR MUSEUM & COUNTRY ESTATE

Nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route 1, less than one hour south of Philadelphia  
800.448.3883 • 302.888.4600 • [winterthur.org](http://winterthur.org)

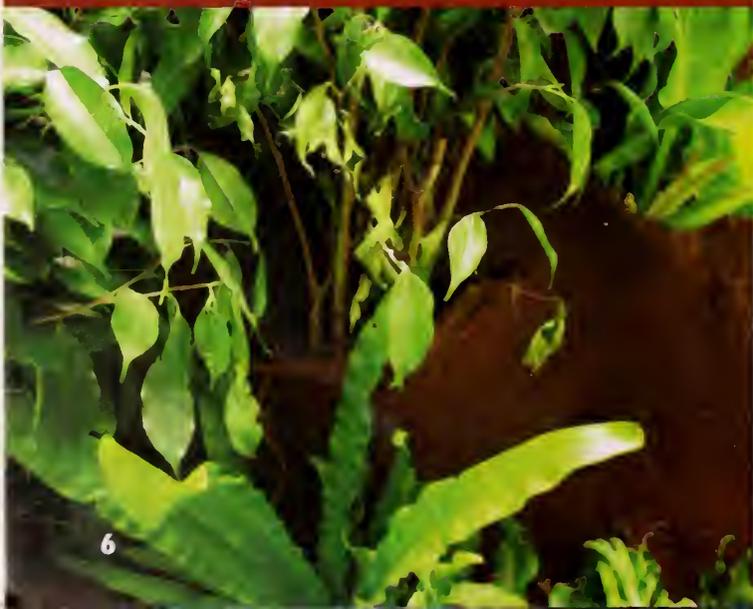
# Growing a Biowall

By Patricia A. Taylor



Above: **The Biowall lines the three-story stairwell**

Below: **Plants like *Schefflera*, *Ficus*, ivy, and bromeliads are often used as air filters**



## A Breath of Fresh Air

Remember the saying about being careful what you wish for? David Grant, president and chief executive officer of the Geraldine R. Dodge Foundation in Morristown, New Jersey, wished for “lots of greenery.” And he got it in abundance in the form of a three-story “biowall” filled with plants inside the foundation’s new headquarters. At 38 feet tall and 14 feet wide, it is believed to be the largest living wall in this country.

Grant expressed his wish for greenery to Charlie Tomlinson, principal with the Philadelphia-based architecture practice WRT. Tomlinson felt that the Dodge Foundation building’s open central staircase, spanning three floors, would be a perfect site for a biowall. Ever mindful of the foundation’s areas of concentration, which include arts and the environment, Grant agreed.

The concept behind this kind of biowall—and there is no patent or trademark on the term—is that it is a living air filter. The creation of Dr. Alan Darlington, a research scientist at the University of Guelph in Ontario, Canada, it purifies the indoor environment while reducing energy needs.

In very simplistic terms, the biowall contains three layers of proprietary material developed by Dr. Darlington. Water flows down through the middle layer and is then recycled to the top through some clever interior engineering. Small pockets are slit into the outermost layer, and individual plant roots are tucked into each pocket. A system of air ducts located behind the innermost layer pulls in air, which is forced through the plant roots. The roots and foliage of the plants purify the air.

Dr. Darlington specified the types of plants and broad areas where they should be grouped in the wall to ensure optimal air filtering. But choosing and siting the plants is both a scientific and an artistic endeavor.

Ayehlet Cooper, chief horticulturist at Furbish Company, a Maryland-based sustainable building firm that installed the wall, interpreted these broad guidelines to create a work of art. For example, instead of blobs of variegated dwarf umbrella plant (*Schefflera arboricola*), Cooper saw to it that sinuous lines of this plant’s foliage flow through the living wall. It is quite striking. [*Furbish also installed and maintains the PECO green roof covered in the March/April 2009 issue, on page 50.*]

The moral of this story, if any, is not so much to be careful what you wish for, but rather to choose the right person to tell your wishes to. 🌿

**For a list of plants that are perfect not only as biowall plants but also as indoor house plants, go to [furbishco.com](http://furbishco.com). While biowalls are not suitable for all indoor spaces, the plants on the company’s list are.**

# WIN!

SUBMIT UP TO 10 PHOTOGRAPHS!

## this FujiFilm Z20 Digital Camera

### Enter the Green Scene "Garden Photo" Contest.

We want to see your best photos of gardens, flowers, landscapes and people enjoying nature. The contest's expert judges will be looking for knockout images that capture the joy of gardening and nature. Winning photos will be published in the January/February 2010 issue of *Green Scene* magazine and on the PHS website. And the first-prize winner will receive this slick digital camera, courtesy of Ritz Camera.



Photos can be shot in any format, *but must be submitted as 4 x 6- or 5 x 7-inch prints with your name, phone number, and email address on the back.* No submissions by email or on CD will be accepted.

**The deadline for entries is September 18, 2009.**

For more information, please visit the PHS website at [pennsylvaniahorticulturalsociety.org](http://pennsylvaniahorticulturalsociety.org) or email [greenscene@pennhort.org](mailto:greenscene@pennhort.org) with questions. You can also call 215-988-8871.



# PHS

**SEE PAGE 32 FOR CONTEST RULES**

### ENTRY FORM *(please fill out completely)*

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

### ENTRY FEES

Amount (check one):

1 photo (\$15)       2-5 photos (\$25)       6-10 photos (\$40)

Payment Option: Check  (payable to PHS)    Credit Card     Credit card type:    Visa     MasterCard     AmEx

Card Number \_\_\_\_\_ Card Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

**Please mail your entries to:** GREEN SCENE GARDEN PHOTO CONTEST, PHS, 100 N. 20th Street, Philadelphia, PA 19103-1495

The contest is open to photographers 18 years and older. To be eligible, all entries must be postmarked on or before September 18, 2009.

### Warranty and Permission

By sending this photograph(s) to the Pennsylvania Horticultural Society's *Green Scene* Garden Photo Contest, I warrant that I am the sole author of this photo(s). I grant the Pennsylvania Horticultural Society the right to publish this photo in its publications and electronic newsletters; on its website; and in collateral publications, including, but not limited to, promotional materials. I understand that beyond granting PHS these rights, I retain all other rights to this photograph.

Printed Name

Signature



## The Potting Shed

# A Book About Plants, History... & Friendship

By Betsie Blodgett

Friendship played a big part in Elizabeth McLean's latest work, *Peter Collinson and the Eighteenth-Century Natural History Exchange*, an elegantly written and thoroughly researched book she co-authored with her great friend, Jean O'Neill. It was a labor of long-distance love, given that Elizabeth lives in Wynnewood, PA, and Jean, until her death in July, 2008, lived in southern England.

It was an apt partnership, since their subject himself was known in his day as a friend to many movers and shakers of the eighteenth-century natural history world on both sides of the Atlantic: from Linnaeus and John Fothergill in Europe to John Bartram and Benjamin Franklin in America.

"Friendship was a large part of this book for me," Elizabeth says of her collaboration with Jean, whom she first met in 1981 when she helped organize an exhibit for a Philadelphia garden consortium, headed by the Morris

Arboretum at the Chelsea Flower Show. With their mutual interest in Collinson, it didn't take long before they teamed up to write a book about him. Jean had already written an article about him for *Country Life*, and Elizabeth, an expert on the Anglo-American horticultural relationships of the eighteenth century, was familiar with his achievements. For just one example, Collinson is credited with introducing more than 150 plants to horticulture, most of them through John Bartram.

Most of Jean and Elizabeth's work took place before the era of Google and email. "We had computers, but they didn't 'speak' to each other," Elizabeth says. "We had to retype everything, which slowed things down." She travelled to England once or twice a year to do research and work on the text with Jean.

Collinson soon came alive in his letters and other material they tracked down. Elizabeth recalls, "The most exciting moment for me

was to visit the National Library in Wales." The library houses Collinson's personal copies of *Gardeners Dictionary*, written by Philip Miller. "To open that book and see all the annotations in his hand ... I almost felt his presence," she says.

Elizabeth also collaborated with her son, Will McLean, a graphic artist who designed the jacket with an illustration he did 27 years ago. It's filled with exquisite details of Collinson's achievements, represented by two ships crossing the Atlantic: one headed west with research books and equipment from Europe, the other headed east with plant specimens from America.

Elizabeth hopes readers experience Collinson as she and Jean did and appreciate the influence he had on his contemporaries—and friends. "One man can make a difference," she says. "He did it for love. He was self-educated, yet he made enormous contributions to natural history in the eighteenth century.

"And," she adds with a laugh, "he was so nice." 🌱

Elizabeth's next book is *Country Houses and Landscapes of Colonial Philadelphia*, which she is co-authoring with architectural historian Mark Reinberger; she expects it to be published next summer.

## Scandinavian Modern! Come to Kristin Voreland's Floral Design Workshops



work is in great demand, and every year she has the honor of decorating the Norwegian Royal Summer House. This is her first trip to the United States.

Ms. Voreland's design approach is attuned to world concerns about sustainability. She advocates using fewer flowers but enhancing them with natural elements from our gardens. "I'm planning to show the students what is typical of my style, and also what are the hallmarks of Norwegian design in general," says Kristin. "In one of the classes, I will show designs created upon a welded construction, which we will cover

"My flower arranging style is very clean and simple, with just a few materials and colors added in," says Norwegian floral arranger Kristin Voreland. PHS is hosting the acclaimed designer for *Scandinavian Modern: Contemporary Floral Design at Home*, a series of events this fall. Ms. Voreland has lectured around the world and won the prestigious Europa Cup in 1986. Her

with natural branches. I have designed most of the floral bases, so the students will mostly be creating unique shapes on top of them."

On Wednesday, October 28, Kristin will give a demonstration for all skill levels (with an optional lunch buffet). This will be followed by hands-on workshops on Thursday, October 29, and an all-day master class for more advanced arrangers on Friday, October 30.

For more information about these once-in-a-lifetime floral design events, visit the PHS website and click on "Calendar," email [program-reg@pennhort.org](mailto:program-reg@pennhort.org), or call 215-988-8869. All the events will take place at the Philadelphia Cricket Club in Chestnut Hill, and free parking is available. 🌱



—Betsy Gullan



Personally Designed Unique Garden Structures!

- Distinctive in Design
- Outstanding in Appearance
- Superior in Quality

**GalaMont**  
Great Places Great Times

877•350•3551  
www.galamont.com  
sales@galamont.com

The Williamsburg Collection  
A GARDENSHEDS® EXCLUSIVE



Beautify your landscape with  
Timeless design and  
Uncompromising craftsmanship  
reminiscent of another era.

Our original products are fully  
Assembled, finished, and shipped from  
our Pennsylvania workshop  
To 48 States.

View our entire collection of  
Gardensheds, Greenhouses,  
Screen Houses, Pool Houses, Pavilions,  
Follies, Entry Gates, Estate Planters,  
Bird Houses and Dog Houses.

www.Gardensheds.com  
Toll-FREE: 877-SHEDS-11



**Gardensheds®**  
PEPPER POT FARM ca. 1730  
www.gardensheds.com  
Original Handcrafted Buildings and Follies

LAMBERTVILLE, NJ



**SHREINER**  
TREE CARE SPECIALISTS  
610-265-6004

## Are Your Trees Safe?



Testing for decay in a tulip poplar.

- Trees close to your home require particular attention – safety pruning and regular examination for health and structural integrity.
- With this new testing method, our arborists can confirm a potential hazard, which will reduce the unnecessary removal of trees that otherwise could be saved.

Schedule your complimentary tree testing today.

www.shreinertreecare.com

# WHY YOU CAN'T LIVE

Dr. Doug  
Tallamy  
Explains this  
Amazing  
Circle of Life



Dr. Doug Tallamy

Most gardeners appreciate other aspects of the natural world in addition to plants, especially birds and wildlife. But if we want to continue to enjoy our robins, cardinals, chickadees, and other native birds, we must help provide them with the nutrition they require. We can do this by using as many native plants as possible in our landscapes.

I became convinced of this when I attended a lecture by Dr. Doug Tallamy, author of *Bringing Nature Home* (Timber Press, 288 pp., \$27.95). Using images of the landscape from a “bird’s eye view,” Dr. Tallamy brought the audience from a migratory bird’s wintering grounds in the mountains of Costa Rica along their flight path to the United States. He studied the landscapes along the route for nourishing habitat (with native plants and the native insects that frequent them).

Too often, the birds have trouble finding undisturbed habitat or home landscapes with native plants and the “bird food” they provide. The birds’ flyway crosses over highways and developments, all of which replaced habitat that once provided sustenance. Tallamy quoted studies indicating that only five percent of the land in this country is undisturbed by man. What’s left for the birds and other wildlife?

Ninety-six percent of North American birds rely on insects and spiders to feed their young. Ounce for ounce, insects and the spiders that eat them have more protein than beef. This explains their role as an essential food source for birds.

These native insects have evolved with native plants over millennia, and they cannot survive on alien plants. On the journey from Central and South America, birds now encounter home landscapes comprised mainly of mowed lawn and non-native trees like callery pear, Norway and Japanese maple, kwanzan and yoshino cherry, pagoda tree, and oriental dogwood.

While the typical gardener often craves the newest and most unusual plants, Dr. Tallamy suggested that gardeners can at least grow native woody plants (trees, shrubs, and vines) since these are the largest and most important source of food and shelter for insects and birds.

Ending the American love affair with the lawn is a greater challenge. “Lawns at one time allowed us to see our enemies coming,” said Dr. Tallamy, noting the psychological aspect, “but the 45.6 million acres of lawn in the United States are biologically dead



Smear-dagger Moth Caterpillar

Photos by Doug Tallamy

# WITHOUT NATIVE PLANTS

Wood Thrush



Story by  
Marilyn  
Romenesko

## Native Plants



Yellow Swallowtail



Song Sparrow

Photos: this page by Pete Prewitt

## Explore the Hidden River

RESERVATIONS:  
**1.888.RIV.PHIL**  
**(748.7445)**

- Secrets of the Schuylkill Riverboat Tour
- Bartram's Garden Riverboat Tour

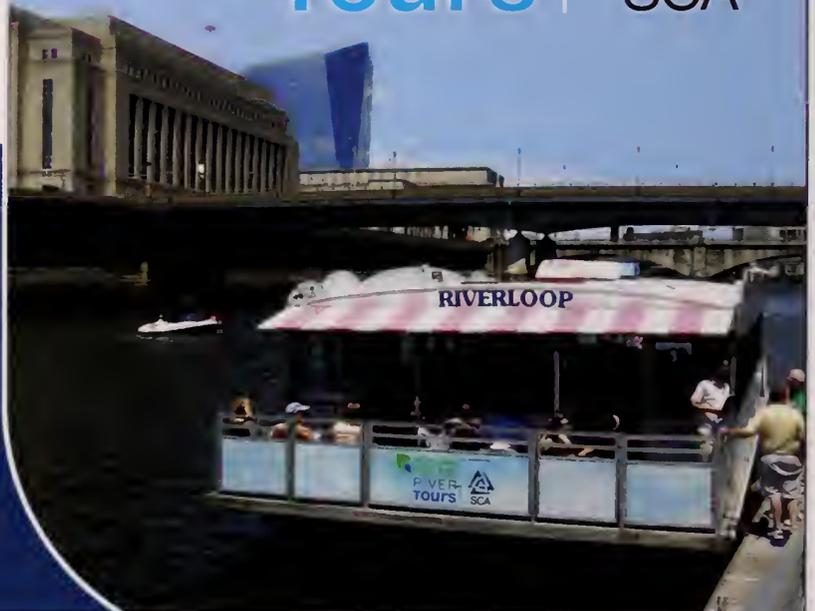
### Kayak Tours also available

- Beginner and Advanced Tours
- Single and Tandem Kayaks

[www.schuylkillbanks.org](http://www.schuylkillbanks.org)

 schuylkill  
banks  
RIVER  
Tours

PRESENTED BY



areas that are one step away from concrete.” He believes the answer is to “grow more native woody plants from the canopy to the ground.” In other words, we need less lawn and more native trees, shrubs, vines, perennials, and groundcovers to maintain the biodiversity of native animal species.

As for cultivars and hybrids of native plants, Dr. Tallamy explained that insects respond to plant chemistry, not plant names. Factors such as nativity, flowers, foliage color, and berry size make plants appealing to birds and insects. Take the native apple tree, *Malus ioensis*, for example. Crosses of this tree, like crabapple, are still useful to insects as long as they are *not* red leaved, double flowered (and fruitless), or otherwise chemically altered. Plant size and shape do not affect leaf chemistry.

In my home landscape, 13 of the 18 trees I have planted are aliens. Fortunately, all of the eight mature trees in my yard are natives. When selecting new plants, I will strongly consider going back to basics and looking for “leaf-chemistry correct” varieties of native woody plants such as white, swamp white, and willow oaks; flowering crabapples; red and sugar maple; hawthorns; American lindens; American chestnut; tupelo; eastern redbud; sourwood; and yellowwood.

Some trees support more insect species than others, and Dr. Tallamy’s website ([copland.udel.edu/~dtallamy/host/index.html](http://copland.udel.edu/~dtallamy/host/index.html)) includes a database that ranks them. Native oak trees top the list, supporting 534 Lepidoptera species (moths and butterflies), followed by native cherries (456), willows (455), birches (411), and cottonwoods (367). The site also contains links to ratings for shrubs and herbaceous plants to help gardeners sort out other considerations when choosing plants for specific landscapes.

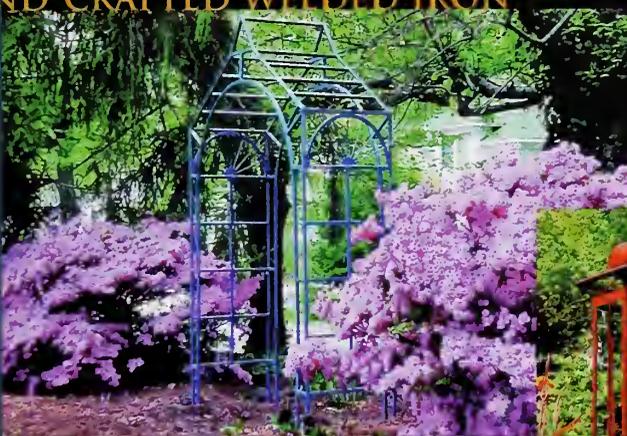
Native plants play a vital role in preserving biodiversity, and as gardeners, we should take the challenge to find and use these plants whenever possible. That way, when birds visit our gardens, we can welcome them with attractive plants that truly nourish them and their young. 🌱

Marilyn Romenesko is a project manager with PHS’s Philadelphia Green program.

# H

## AND-CRAFTED WELDED IRON

- ARBORS
- TRELLISES
- GATES
- ARCHWAYS
- OBELISKS
- TOWERS
- PAVILIONS
- PERGOLAS
- BENCHES
- FENCES
- RAILS




**SELECT FROM OUR POPULAR LINE OF PRODUCTS OR LET US CUSTOM DESIGN/BUILD TO YOUR SPECIFIC NEEDS.**

*The Painted Garden, Inc.*  
**(215) 884-7378**  
[WWW.THEPAINTEDGARDENINC.COM](http://WWW.THEPAINTEDGARDENINC.COM)  
304 EDGE HILL ROAD, GLENSIDE, PA 19038  
SHOWROOM BY APPOINTMENT

## Select Apartments & Assisted Living Suites Now Available





**Foulkeways**  
AT GWYNEDD

A Quaker Community Where  
Caring is a Way of Life

**Setting Standards of Excellence in  
Retirement Living Since 1967**

Gwynedd, PA • 215-643-2200 • [www.foulkeways.org](http://www.foulkeways.org)



Quality  
First



panpha  
PHILADELPHIA AREA  
NON-PROFIT



FRIENDS  
SERVICES  
AGING



aahsa  
ASSISTED ADULT HOUSING SERVICES

Foulkeways® at Gwynedd does not discriminate on the basis of race, color, religion, national origin, gender, age, handicap or sexual orientation.



# ARTFUL Maryland

## A Pair of Elegant Private Gardens North of Baltimore

While *Green Scene* frequently covers gardens in southeast Pennsylvania and New Jersey, there are also marvelous gardens all over Maryland. Last spring, the Hardy Plant Society led a tour of private gardens north of Baltimore. It was an overcast day following a spell of rainy weather, so the group was decked out in galoshes and toting umbrellas—just in case the skies opened up again.

The first stop of the day was the home of Jean and Sidney Silber in Lutherville-Timonium, Maryland. Wryly called “Duncuttin,” the property rests under a shady tree canopy from which endless birdsong resonates. Once everyone arrived, the party split into two groups. Half went with Jean Silber; the others followed Michael Rosendale, Duncuttin’s gardener for the past six years. It’s a good thing we had guides, as it would have been easy for plant lovers to wander off and lose themselves among the many pathways.

Trailing Michael was like a crash course in intensive horticulture. He could instantly identify any species the group pointed to using proper botanical Latin. As he spoke of the plants, he couldn’t resist feeling their leaves between his fingers—either to take a quick assessment of the plant’s condition or to feel better connected to his charges.

Michael’s gardening gear consisted of hand pruners kept at the ready in a holster around his waist. Like a cowboy of the Old West, he possesses a quick draw and can cut away ornery twigs and dead leaves in the blink of an eye. Unlike a cowboy, however, Michael doesn’t don leather boots, but rather well-worn sneakers that reveal many miles spent maintaining this verdant space.

Strolling the grounds with Jean provided a different take on the gardens. Like Michael, she’s remarkable with plant recognition, but she also shared stories about the garden’s significance to the Silber family.

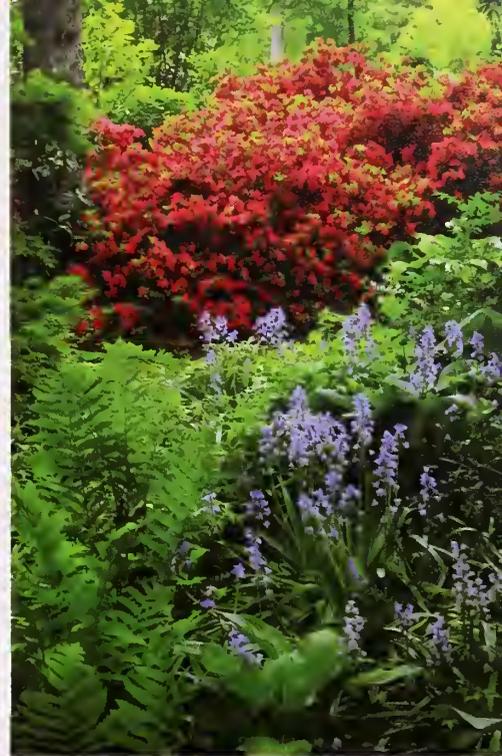
The Silbers moved to the property when their children were very young. In fact, the youngest wasn’t even born. At that time, the house was somewhat isolated—this was before the Baltimore Beltway was built—and so to keep the children occupied Jean and Sidney insisted they help out in the garden on Saturday mornings.



Story by Daniel Moise



**The Silber Garden**



**The Silbers**



"They would grumble like the dickens," Jean reflected, "but they all enjoy gardening now." As do the six Silber grandchildren.

Today the gardens bear names such as "Patrick's Garden" and "Raymond's Garden," after long-term caretakers previously under the family's employ. The exception to this rule is the garden designated as Jean's. In fact, there's a statue of her located there.

Jean said creating the piece required seven sittings of a few hours apiece. "The sculptor would jokingly complain about my hair varying in length between sittings, but what could I do?" she chuckled.

Art is clearly a passion of the Silber set. "We've seen sculpture gardens in various places in the world, and it's always fascinating to see how others do it and do it well," Jean said. At Duncuttin, the pieces featured along the pathways (helpful route-markers when you're off on an amble) come from a variety of places. Sidney even sculpted a few of his own.

Over the sound of swishing raincoats, the group compared notes on the successes and failures of their own gardens. Although they were surrounded by hundreds of plants, a few in particular caught the eye of the Hardy Plant Society members.

One such specimen was a dogwood with lemon-chiffon-colored flowers. Another was a paperbark maple (*Acer griseum*, a PHS Gold Medal award winner), which Jean said is a personal favorite. The group also stopped for several minutes to admire 'Blue Peter', a rhododendron with flowers that are in truth closer to violet.

But by far the most buzz surrounded a 25-foot-tall tree that was nearly destroyed in a storm, was cut back, and has since grown taller and stronger than before. A standout for its chartreuse leaves, there's no denying this Golden Locust 'Frisia' (*Robinia pseudocacia*) is one hardy plant. The resilient tree perfectly embodies Jean's mantra when it comes to maintaining Duncuttin: "With gardening you never know what's going to happen. So just go with it!"

Next we traveled to Bill and Susan Yonkers' home, also in Lutherville. Bill stood waiting for the group at the top of road and waved us in, wisely anticipating that we could easily miss the turn for his quiet street.

Atop a steep driveway, the home sits among scores of tall, thin trees. To start the tour, Susan led us along a pathway littered with seashell fragments that provided a satisfying crunching sound as the group tromped along.

Up first was a compact, alarmingly orderly workroom, where gardening magazines lined the shelves, divided by publication name and placed in chronological order. Unused (or well-washed) terra cotta planters filled the shelf above, arranged so that each one can be seen. If there weren't so many completed and in-the-works projects about the property, you'd think it was all for show.

But no doubt about it, a *lot* of work goes into these gardens. As Susan said, "We never seem to be without a new project. Or at least we haven't been in the 12 years we've lived here."

Fortunately for her, husband Bill (or Billy, as she likes to say) is a handy guy to have around. Although he's had no carpentry or masonry training past middle-school shop class, Bill has masterfully created a number of garden rooms, each with its distinct view and vibe. Take, for instance, the former garden shed-turned-gazebo. Bill downplayed the skill required to complete such a conversion by stating, "All we had to do was remove the walls."

At the time of our visit, Bill's current endeavor was constructing a round storybook tower similar to the one he and Susan spotted at Ladew Topiary Gardens in Monkton, Maryland. A photo of the original hung from a nearby tree branch, showing visitors what the finished product would look like, and perhaps reminding Bill of the mammoth amount of work ahead. Not that he minds: "I get bored easily," he said, "and I like the opportunity to be creative."

For her part, Susan has become an expert at finding plants that thrive under sometimes-trying circumstances. "I had to learn to love plants that could be happy with all the shade," she said. And while there may have been missteps along the way, today the property features dozens of plants that seemed quite content residing outside the sun's rays.

Once the tower is complete, the Yonkers hope to build a boardwalk at the bottom of the hill in front of their house. Because this area collects an abundance of rainfall, it makes a happy breeding ground for water-loving plants like ostrich ferns and chelone.

With all the ambitious, exciting plans, there's no doubt the Yonkers have more than enough garden projects for the next 12 years. We just hope we won't have to wait that long to visit outstanding gardens like these in Maryland again. 🌿

**Morris Arboretum**  
*Go Out on a Limb* with Tree Adventure at Morris Arboretum  
Get a bird's eye view of the forest from 50 feet up. Experience trees as you never have before!  
Now Open – Come visit!  
Morris Arboretum of the University of Pennsylvania  
**treadventure**  
www.morrisarboretum.org • 215-247-5777



**The Yonkers Garden**



**Bill and Susan Yonkers**



Most of us recognize the classic shamrock, *Oxalis regnellii*, a charming plant with mounding, clover-like greenery topped by little white noddling flowers. If we buy a plant around St. Patrick's Day when we crave a touch of spring, we often park it on the windowsill and more or less forget about it, since it doesn't need much fussing. New introductions, however, demand a re-evaluation of shamrocks as varied plants with a wide range of landscaping possibilities. These differ from the original "good-luck" Irish shamrock (*Trifolium repens*), a

tough little white-flowering, three-leaved clover grown for pasture (you may have seen it in your lawn, too).

Garden shamrocks encompass all plants in the genus *Oxalis*, known for its sour-tasting sap. Because of this characteristic they are also called "sorrel," meaning sour. Gardeners who avoid anything even associated with the weedy and invasive "wood sorrel" need not worry. The latest introductions from South Africa and South America are sterile and anything but weedy.

The most arresting feature of the new

shamrocks is their foliage. It varies from plain green to silvery, from purple to nearly black, and from bronze to chartreuse. Leaves may have a clover-leaf design or are small, rounded, and lacy, on stems with a trailing habit. All sport clusters of dangling or open bells that bloom from early summer to frost without interruption and without deadheading. Shamrocks mix well in patio containers, look fabulous in hanging baskets, fit into rock garden niches, and fill in around spring bulbs and substantial perennials such as hostas. Best of all, deer don't like them.

# FANCY SHAMROCKS

Variations on  
Classic  
**OXALIS**

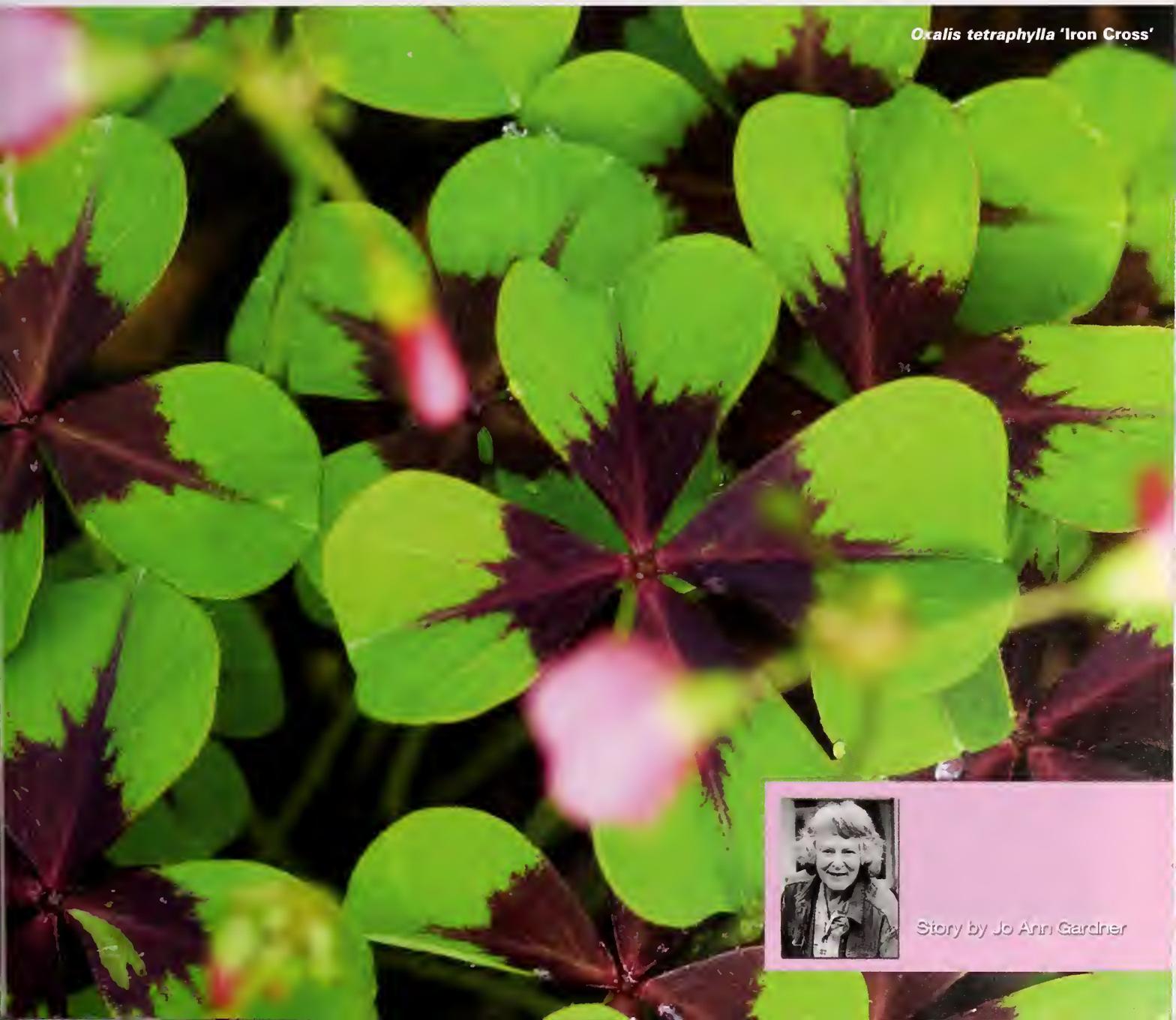
Most shamrocks thrive in partial shade or shade (some gardeners say they do well in sun, too); take heat and humidity in stride; and grow in most enriched garden soils. Most gardeners treat them as frost-tender annuals. A small clump taken up in the fall and potted will grow into a very satisfying houseplant over the winter. Mature bulbous types need a rest period. When leaves start to die back, keep plants on the dry side until new foliage appears. Simply plant a wintered-over shamrock in the ground or in a container the following spring after threat of frost has passed.

#### TRADITIONAL-STYLE SHAMROCKS

Traditional shamrocks grow from small bulbs of varying sizes and shapes. *Oxalis regnellii* (syn. *O. triangularis*) has three-lobed, triangular green leaves flushed with burgundy on the undersides; their white flowers have five petals and form a little bell. The leaves of the purple variant, *O. regnellii* 'Atropurpurea,' bear a lighter purple v-shaped blotch, and its flowers are light pink. Both types typically form an 8- to 10-inch mound. At night and in gray or rainy weather the leaves fold up like butterfly wings.

Variations on the classic theme include fast-growing 'Fanny,' with silver splotched leaves or leaf margins. Its soft pink, narrow flower petals are more widely spaced than in the classic form and more up-facing. The slightly rounded emerald green leaves of 'Irish Mist,' flecked with white, complement its standard white flowers. 'Mijke' has deep purple leaves with light pink blooms. The more unusual *Oxalis depressa*, hardy from Zones 8 to 11, features gray-green leaves and wide-open, showy bright pink flowers with yellow centers. The "good-luck" shamrock,

*Oxalis tetraphylla* 'Iron Cross'



Story by Jo Ann Gardner

## Fancy Shamrocks



*Oxalis triangularis* ssp. *papilionacea* 'Atropurpurea'

Photo by Rob Cardillo

*O. tetraphylla*, sports four leaves marked with a dark wine cross outlined in the center. In 'Iron Cross' this outline is filled in with dark burgundy. Both types produce rose-colored flowers shaped like flared bells.

The Proven Winners "Charmed" series, hardy from Zones 8 to 11, are revved-up classic green and purples with typical small, narrow-petaled flowers. These vigorous plants form 12- to 16-inch foliage mounds and look stunning in containers. Colors include green (Charmed Jade); burgundy (Charmed Wine); and very dark purple, nearly black (Charmed Velvet). To keep them looking their best, give them a weekly dose of high-nitrogen fertilizer.

Long a favorite in southern gardens, pink wood sorrel, *Oxalis crassipes*, is hardy from Zones 5 to 10. A stand-in for true Clover, it forms 5- to 8-inch, apple-green mounds of fluffy foliage, and produces little deep pink open flowers. Use this drought-tolerant beauty as a filler in the shady border, spilling over rocks, or in containers. Look for Proven Selections 'Garden Hardy Pink' (from Proven Winners).

Unprecedented Experience  
Personal Service  
Exceptional Quality

# It's The McFarland Way!



**McFARLAND**  
Tree & Landscape Services

Call today  
to schedule a  
free professional  
consultation to  
review your property.

215.844.TREE (8733)  
610.688.6644  
Fax: 215.438.1879  
[www.mcfarlandtree.com](http://www.mcfarlandtree.com)

## DEPARTURES FROM TRADITION

Once confined to the conservatory, fibrous-rooted oxalis break with tradition with their small, rounded, cascading foliage in brilliant colors and slender yellow flowers on reddish stems. Cultivars derive from the wild Copper Velvet shamrock, *O. siliquosa* (also known as *O. vulcanicola*). The fantastic foliage of 'Sunset Velvet' ranges from gold,

Raising shamrocks indoors from bulbs is a fun and easy way to grow hard-to-find species and cultivars.

Fill a 4-inch pot with dampened, sterile potting medium, then push the little bulbs down into the soil. Place pots on bottom heat (an old heating pad set on low works well) and cover loosely with plastic.

Leaflets begin to emerge in five days or more. Some types like 'Fanny' grow at an astonishing rate. Place under grow lights or on a windowsill until ready to transplant into larger containers. They will bloom in about 4 weeks.



*Oxalis 'Sunset Velvet'*

*"This is a marvelous place...  
an intellectually  
active community."*  
~Jerry Jerome



## Musician

Visit Jerry and his wife Fran  
at [www.pennswood.org](http://www.pennswood.org)

*A Quaker-directed senior living community –  
we welcome women and men of all  
races, religions, national origins, sexual  
orientations and disabilities.*

Newtown, PA 18940  
1-888-454-1122



**Your Source  
for  
Native Landscapes**

WILDFLOWERS ~ SHRUBS  
TREES ~ MEADOWS ~ PONDS  
DESIGN SERVICES ~ CONSULTING

**EXPERT ADVICE FOR  
GARDEN DESIGN &  
INSTALLATION**



1165 Yellow Springs Road  
Chester Springs, PA 19425  
**610-827-2014**

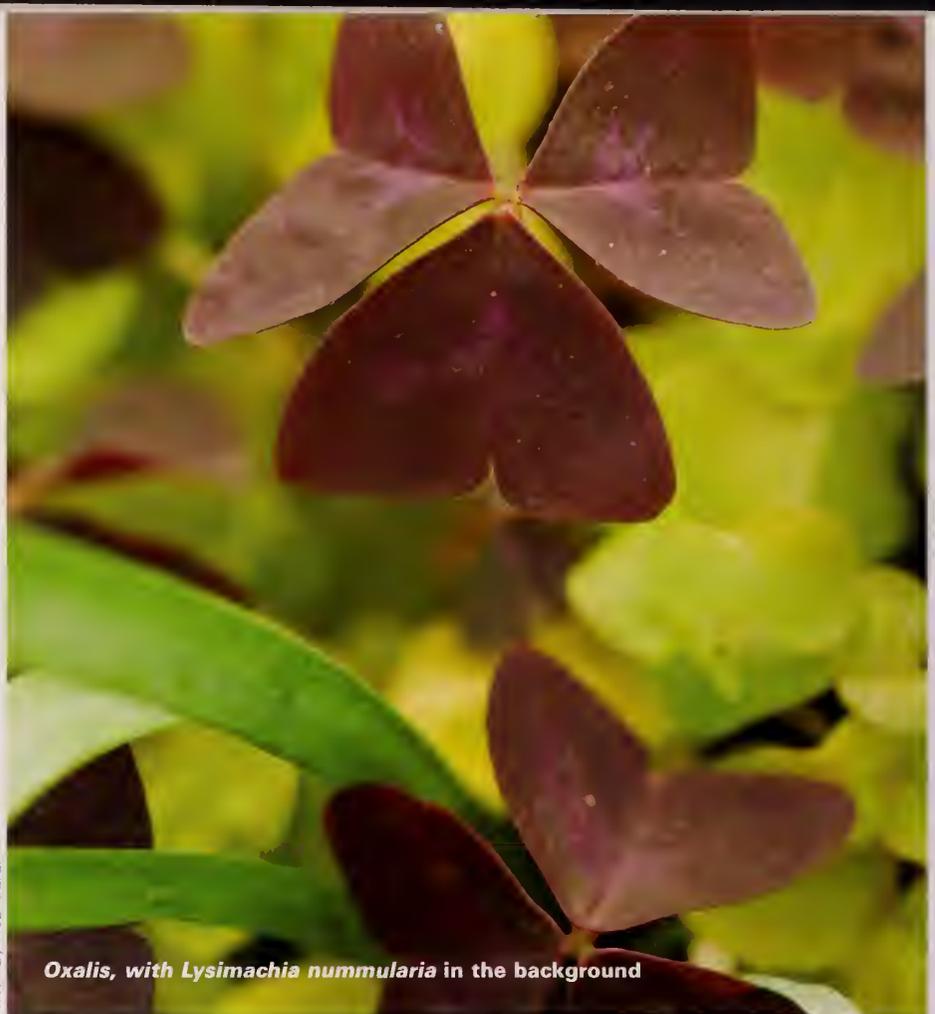
[www.yellowspringsfarm.com](http://www.yellowspringsfarm.com)

## Fancy Shamrocks

orange, and pink, to coppery yellow, depending on light and temperature. Proven Selections offers Zinfadel, with purplish, coppery foliage; Molten Lava, chartreuse in low light, more orangey in sun; and Copper Tones, similar to Copper Velvet shamrock. Hardy from Zones 9-11, these show off well in window boxes and in elevated containers. In my Zone 4 garden, mature plants have withstood early fall frost in protected places.

And that's not all. Proven Selections recently introduced 'Saffron', an upright fleshy-stemmed *Oxalis succulenta*, which is native to Chile and Peru and hardy from Zones 10 to 11. Highlights include blue-green leaves and bowl-shaped saffron colored flowers that have orange tips when in bud. It grows to about 12 inches tall in sun or partial shade and should be kept on the dry side.

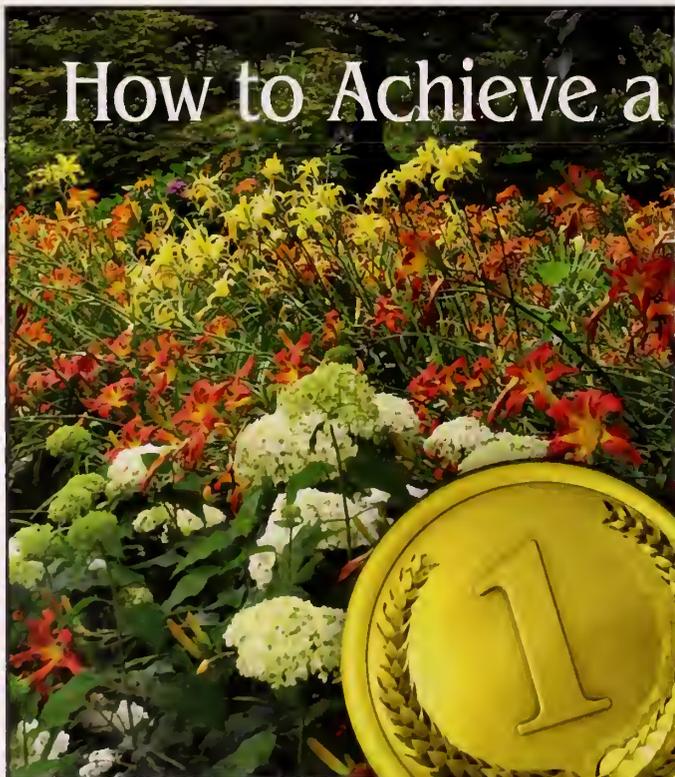
With about 500 species in the *Oxalis* genus, we can expect many more delightful departures from the classic shamrock. 🍀



*Oxalis*, with *Lysimachia nummularia* in the background

Photo by Bob Cardillo

## How to Achieve a Gold Medal Garden...



### Start with High Performance Plants from Mostardi!

We stock flowers, shrubs and trees that are recommended by the Pennsylvania Horticultural Society's "Gold Medal Award" program. They are superior plants that will provide longer-lasting beauty all around your home. Stop by today and check out our incredible collection of greenery. The colors are gorgeous. The values are exceptional. And the prices are surprisingly low for such high quality. But then, that's what you should expect from Mostardi plants. They are good as gold!

Distinctive Plants • Home & Garden Accents

**MOSTARDI**  
N U R S E R Y

4033 West Chester Pike (Rte.3)  
Newtown Square, PA 19073  
610-356-8035 • [www.mostardi.com](http://www.mostardi.com)

**dubarry**  
of Ireland

What will you do in yours?...



**Galway**  
Boot in Brown/Mahogany

**Kildare**  
Boot in Walnut/Mahogany



- **GORE-TEX lined®**
- **Waterproof**
- **Breathable**
- **Lightweight**
- **DryFast-DrySoft™**



Dubarry USA  
106 West Christine Rd,  
Nottingham, PA 19362

Tel: 1-866-658-3569  
Web: [www.dubarry.us](http://www.dubarry.us)

# ECOdesign

AND MANAGEMENT

Creates Ecological, Artistic Landscapes



## FALL is the TIME to PLANT

EcoDesign and Management provides comprehensive, custom & quality design, installation and maintenance services. Our unique sustainable approach includes:

- ◆ creating four season outdoor spaces
- ◆ using native and ornamental species
- ◆ innovative environmental solutions
- ◆ edible gardens and natural habitats

[www.ecodesignmanage.com](http://www.ecodesignmanage.com)  
phone: 610-659-6737

## Refinish Your Outdoor Furniture



Complete repainting and restrapping... we'll have your furniture looking like new at a fraction of the cost.

We specialize in Brown-Jordan, Tropitone and Molla outdoor furniture.

We also repair...

- ✓ sling/mesh furniture
- ✓ cast aluminum
- ✓ wrought iron

*"The work you did on our furniture is superb and far exceeded our greatest expectations. The finish on our frames is beautifully applied. My wife and I are most happy."*

LeRoy  
Zimmerman  
Harrisburg, PA

(215) 659-8929

Pick up & delivery available  
[www.thesouthernco.net](http://www.thesouthernco.net)



**Go Green... Recycle**

SPECIALISTS FOR MORE THAN 20 YEARS



# Gold Garden

for the

Winners of the 2010 PHS Gold Medal Plant Award

If you're looking for new trees, shrubs, and vines for your property, check out the five most recent winners of the PHS Gold Medal Plant Award. Each is a guaranteed performer for hardiness, disease resistance, and overall beauty.

## *Clethra alnifolia* 'Compacta' (Dwarf Summersweet)

In the mid-1970s Tom Dilatush, a noted nurseryman and longtime PHS Gold Medal committee member, discovered *Clethra alnifolia* 'Compacta' growing on a New Jersey compost pile. Tom was impressed by the specimen's superior landscape characteristics, and his keen observation was reaffirmed 30 years later by the high marks the plant received as 'Tom's Compact' (the plant's original name, which is sometimes still used) in Longwood Garden's shrub trials.

Several years ago Tom told me he was concerned about the inconsistent use of the two cultivar names. "I wanted it called 'Compacta,'" he said. "It's been grown and sold under that name for a long time, so let's keep it that way." Tom's an old-school gentleman, and my hat is off to him for putting personal gratification aside and leaving it as 'Compacta' to avoid confusion.

'Compacta' is a superior variety of summersweet, displaying darker, glossier leaves and a more compact, denser growth habit than other cultivars. This "mulch-mound-miracle" is also hardier and more floriferous than its competition. What else could you ask for? Oh, yes, and it's also native, low-maintenance, and moderately deer-resistant. Uses include the foundation, border, in mass, the shady container, and the naturalized garden. It is best planted in part sun, but it tolerates all light conditions. 'Compacta' grows about 3 1/2 feet high by 4 feet wide and prefers well-drained organic soil. Hardy in Zones 4 to 9.

## *Ilex* Red Beauty® (Red Beauty Holly)

As the name implies, this holly bursts into an eye-catching sensation when its berries ripen in autumn, far outperforming other evergreen hollies. Handsome dark glossy evergreen leaves create a densely branched pyramidal tree. Introduced by Elwin R. Orton at Rutgers, Red Beauty® is a result of years of specialized cross-breeding between *Ilex aquifolium*, *Ilex rugosa*, and *Ilex pernyi*. Essentially, it's half Meserve (blue) holly and half Perny holly. For berry production, Red Beauty® needs a male pollinator; use any of the blue male hollies such as *Ilex* 'Blue Boy', 'Blue Prince', or 'Blue Stallion' and plant one or two within 100 feet. (When selecting a site for the males, remember that they don't produce berries.) Plant Red Beauty® in sun to part-sun in well-drained acidic soil. It is best used as a specimen tree or as a well-placed accent plant. It grows to about 15 feet high and is hardy in Zones 6 to 9.

## *Illicium floridanum* 'Halley's Comet' (Florida Anise)

Do you need a head-high evergreen for that shady spot? Look no further—*Illicium floridanum* 'Halley's Comet' can fill this niche. A deer-proof shrub native to the southeastern United States, Florida anise produces 4-inch-long dark green leaves (similar to rhododendron), which emit a strong, pleasant fragrance when bruised.

Outperforming the species and other cultivars, 'Halley's Comet' has superior

characteristics, including improved cold tolerance and faster growth. It's also a better bloomer, with plenty of large, red, star-shaped flowers that bloom in May and can persist into the summer. It thrives in shady, moist, well-drained soil and tolerates part-shade: Too much sun will cause it to turn yellowish. Hardy in Zones 6 to 9.

Says Steve Mostardi of Mostardi Nursery in Newtown Square, PA, and chair of the Gold Medal Committee, "Another great attribute of this plant is its ability to tolerate dry shade once it becomes established in the landscape."

## *Juniperus conferta* 'Silver Mist' (Shore Juniper)

When I came on board at PHS about nine years ago, I noticed a shortage of low-growing evergreens on the Gold Medal Plant list. I was not surprised, since low-growing evergreens tend to be finicky and unreliable. Also, dwarf evergreens are almost never true dwarfs and slowly mature past their published height. So I worked with the committee to push for more nominations in this area, and this year the search led us to *Juniperus conferta* 'Silver



Story by  
Joe Ziccardi, PCH



*Ilex Red Beauty*®



*Illicium floridanum* 'Halley's Comet'



*Clethra* 'Compacta'



## Gold Medal Plants



**Styrax 'Sohuksan'**



**Juniperus 'Silver Mist'**



## AT MEDFORD LEAS NATURE'S RIGHT OUTSIDE YOUR DOOR!

- WIDE CHOICE OF GARDEN-STYLE HOME DESIGNS
- BEAUTIFUL ARBORETUM SETTINGS ON TWO CAMPUSES
- IDEAL LOCATIONS FOR CULTURE AND RECREATION
- SUPERIOR HEALTH AND WELLNESS SERVICES

- HOME OF THE LEWIS W. BARTON ARBORETUM AND NATURE PRESERVE
- MEMBER, GREATER PHILADELPHIA GARDENS



MEDFORD LEAS

*A nationally accredited, Quaker-related, not-for-profit community for those age 55+, with campuses in Medford and Lumberton, NJ*

**WWW.MEDFORDLEAS.ORG**  
**800.331.4302 • 609-654-3000**



Mist', a unique species within a common genus. The shore juniper, as it's commonly called, is salt-tolerant and well-adapted for the seashore garden. The committee selected this urban-tolerant evergreen—or should I say “ever-blue”—for its dense, more compact growth habit; exceptional bright silvery-blue needles; and robust, versatile demeanor. It is hardy in Zones 5b to 9.

Gold Medal Committee member Barry Yinger found it in a small Japanese nursery and introduced it through Brookside Gardens in Wheaton, Maryland. He notes, “This distinctive form of the Japanese shore juniper has fluffy bright silver needles on a spreading plant that usually is less than a foot tall. It is extremely tolerant of heat and drought and is best used in a bright, sunny location with excellent drainage. If planted 2 to 3 feet apart, it will make an unusual ground cover that is beautiful all year round.”

### *Styrax japonicus* 'Sohuksan' (Emerald Pagoda Snowbell)

Barry Yinger explains the history of this interesting plant:

“In 1985, a group of plant explorers organized by the U.S. National Arboretum visited some remote islands off the southwest coast of Korea. On Sohuksan Island, the group collected a distinctive form of the Japanese snowbell with a superior plant habit, large glossy leaves, and very large fruit. Thanks to the horticultural wizardry of the late Dr. J. C. Raulston, a cutting he carried back to the North Carolina State Arboretum survived and established this tree in cultivation. Its larger glossy leaves are sun-tolerant, and its large white flowers are highly fragrant. It naturally makes a single-stemmed, medium-size tree attaining about 30 feet in cultivation, growing very fast in its first years and then more slowly. It grows best in fertile, well-drained soil in light shade with morning sun. It is sun-tolerant, but should not be planted in a hot, dry location.” Hardy in Zones 5 to 8. 🌱

Learn more about PHS Gold Medal Plants at [goldmedalplants.org](http://goldmedalplants.org) or by calling 215-988-8824.



**Retirement Living  
at Waverly Heights**

**Call us at  
610-645-8764  
for your free DVD**

## Imagine a lifestyle better than the one you have now. It's waiting for you here at Waverly Heights.

**Waverly Heights is a lifecare community** that promises an enriching lifestyle for you, a senior with discriminating taste. Manicured gardens and rolling hills create a picturesque environment. Convenience to nearby metropolitan cities lends easy access to cultural and entertaining excursions. A seamless continuum of care affords efficient management of health issues. And the camaraderie of newfound friends warms hearts and souls alike.

*Join us for coffee, a tour and ultimately, a lifestyle.*



1400 Waverly Road, Gladwyne, PA 19035-1296

Tel: 610.645.8764 Fax: 610.645.8611

[www.waverlyheightsltd.org](http://www.waverlyheightsltd.org)

A nonprofit, non-sectarian lifecare community



**Trumpet Daffodil Bravoure (#8048) and Muscari latifolium (#3743)**

### BEAUTY FROM BULBS

Bring the beauty of bulbs to your gardens from our vast collection of the best Dutch flower bulbs and herbaceous peonies at the best prices. Select a color palette and create natural, harmonious gardens with intermingled flower bulbs. Rather than letting your lawn limp into the woods, plant a stunning display of Trumpet Daffodil Bravoure over a thick ribbon of electric Muscari latifolium.

Contact Van Engelen for our 52-page wholesale flower bulb price list or John Scheepers for our colorful 88-page *Beauty from Bulbs* catalog. Contact Kitchen Garden Seeds for our 60-page catalog with over 500 gourmet vegetable, herb and flower seeds. It has a wealth of practical gardening tips from Barbara Damrosch and wonderful recipes from renowned U.S. chefs. Happy fall nesting!

**John Scheepers**

Phone: (860) 567-0838  
[www.johnscheepers.com](http://www.johnscheepers.com)

**Van Engelen**

Phone: (860) 567-8734  
[www.vanengelen.com](http://www.vanengelen.com)

**Kitchen Garden Seeds™**

Phone: (860) 567-6086  
[www.kitchengardenseeds.com](http://www.kitchengardenseeds.com)

*Serving America's finest gardens for over 100 years!*

PA22



# The Sand Garden

An Environmentally Friendly Way to Arrange Flowers



Above:

Wet sand makes an excellent base for supporting flowers and foliage.

Right:

Cattails, zebra grass, lilies, amaranthus, black mondo grass, and leaves

Far Right:

A sand and moss design with summer flowers, zinnias, ageratum, asclepias, and globe thistle



Autumn fills our gardens and landscapes with rich colors, grasses and, if you live near a pond, cattails. A large bowl filled with sand can be your base for a long-lasting and naturalistic arrangement using these beautiful materials. It's an easy way to create a floral design using sand instead of floral foam.

### Materials

- A large waterproof bowl or pot
- Builder's sand
- Plants: cattails, grasses, foliage, and one or two flowers, either from your garden or the market

### Creating

- Fill the bowl with sand to about two inches below the top and then add water until sand is moist.
- Partly cover the top with moss.
- Add plant materials starting with the tallest stems first. Keep them in groups to create a naturalistic feel and, if you like, add an accessory, mushroom, rock or piece of wood for accent.

### Maintaining

Your indoor garden will last a long time if you keep it watered, and the flowers may be replaced as they fade. At the end of your garden's season, compost the plant material and pour the sand into garden soil. If you have the typical Philadelphia-area clay soil, it will thank you. 🌱

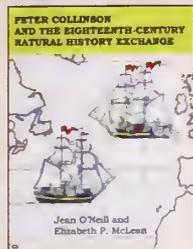


## CURRENT APS MEMOIRS

### Peter Collinson and the Eighteenth-Century Natural History Exchange

Jean O'Neill and Elizabeth P. McLean

Vol. 264 - \$75.00 • Cloth  
ISBN: 978-0-87169-264-1



Peter Collinson's life is a microcosm of eighteenth-century natural history. A London Quaker, a draper by trade, and a passionate gardener and naturalist by avocation, Collinson

was what we would now call a facilitator in natural science, disseminating botanical and horticultural knowledge during the Enlightenment. He influenced men such as Comte de Buffon and Linnaeus. He found clients for the Philadelphia Quaker farmer and naturalist, John Bartram, at a time when the English landscape was evolving to emphasize trees and shrubs, and the more exotic the better. His membership in the Royal Society enabled him to broaden his scope: he encouraged Franklin's electrical experiments and had the results published, he corresponded about myriad natural phenomena, and he was ahead of his time in understanding the extinction of animals and the migration of birds. Though a man of modest Quaker demeanor, because of his passion for natural science, he had an unprecedented effect on the exchange of scientific information on both sides of the Atlantic. In this monograph, the authors give a convincing biographical portrait of Collinson. He "speaks" to the reader throughout the book in a distinct voice.

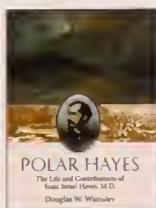
Jean O'Neill (1915-2008) was awarded the Gold Veitch Memorial Medal by the Royal Horticultural Society in 2001. She concentrated her scholarly research on Collinson's life and writings and his place in Anglo-European history.

Elizabeth P. McLean, a graduate of the Arboretum School of the Barnes Foundation, is Research Associate in Botany at the Academy of Natural Sciences in Philadelphia and on the boards of the Library Company of Philadelphia (having served as past president) and the Morris Arboretum of the University of Pennsylvania. Her particular expertise is in the Anglo-American horticultural relationships of the eighteenth century. She has written various garden history articles, and is co-author, with architectural historian Mark Reinberger, of the forthcoming *Country Houses and Landscapes of Colonial Philadelphia*.

### POLAR HAYES: The Life and Contributions of Isaac Israel Hayes, M.D.

Douglas W. Wamsley

Vol. 262 - \$75.00 • Cloth  
ISBN: 978-0-87169-262-7



In the mid-nineteenth century as an ambitious young country expanded its horizons westward, Dr. Isaac Israel Hayes, a young physician from an Orthodox Quaker family in the rural farmland of Pennsylvania, turned his eyes to the North. As a member of the harrowing American arctic expedition under the command of Dr. Elisha Kent Kane in search of the lost British explorer Sir John Franklin, Hayes became obsessed with making his own mark in the far northern polar regions. Overcoming tremendous apathy, he organized his own privately funded voyage to the Arctic in 1860, during which he claimed to have reached a "farthest north" and to have stood on the edge of the fabled "Open Polar Sea," a mythical ice-free zone in the high northern latitudes.

*Polar Hayes* brings to light the complete story of an immensely talented individual who occupied a central position in the cause of Arctic discovery and exploration, and also as a man of public service. Drawing upon Hayes family papers, little-viewed diaries from Hayes's own expeditions, and unpublished primary sources, the story emerges of a remarkable but forgotten explorer, writer, politician and humanitarian who epitomized the rugged and restless spirit of adventure and individualism of nineteenth-century America.

Douglas Wamsley, an independent scholar and attorney who lives in Ridgewood, New Jersey, has written and lectured extensively on the history of nineteenth-century Arctic exploration and its participants.

## CURRENT APS TRANSACTIONS

### THE MOST IMPORTANT CLOCK IN AMERICA

#### The David Rittenhouse Astronomical Musical Clock at Drexel University

Ronald R. Hoppes

Vol. 99, Pt. 2 - \$35 • Paper  
ISBN: 978-1-60618-992-4



Ronald Hoppes always admired the David Rittenhouse astronomical musical clock and over the years he found historical accounts on the clock, but discovered that information on the indications and the mechanical details were absent. During the clock's restoration he had the

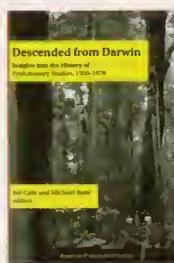
opportunity to examine the movement and list detailed descriptions for each of the clock's various indications and operations. With this book, it is ensured that the clock's mechanical details, previously undocumented and unavailable, will not be lost or forgotten.

Ronald R. Hoppes is a retired Senior Principle Development Engineer who hold patents in both the U.S. and Canada. He developed a calculation method that produces planetary gearing with errors of less than 1% in 10,000 years.

### Descended From Darwin: Insights into the History of Evolutionary Studies, 1900-1970

Joe Cain and Michael Ruse (editors)

Vol. 99, Pt. 1 - \$35 • Paper  
ISBN: 978-1-60618-991-7



This volume arises from a symposium held in Philadelphia in October 2004. Scholars convened to focus on the "synthesis" period in evolutionary studies, when fundamental changes occurred in the discipline. How does recent scholarship change our understanding of the period? How does it alter our sense of connection across the generations? How do activities in evolutionary studies relate with developments elsewhere in biology? The papers presented at the conference both informed an assessment of the state of the history of evolutionary studies and pressed it forward with new and thoughtful scholarship. Collectively, the papers selected for inclusion in the book make a significant, and occasionally provocative, contribution to their field. *Descended from Darwin* has been a labor of devotion for Drs. Joe Cain and Michael Ruse. They make all the collaborators' voices cohere in a unified and logical fashion.

As APS Librarian Martin Levitt writes in the book's preface. This volume, in its thoughtful analysis of the history of understanding of some of the most the fundamental questions of biology, may well have the reader pondering not just the past, but things to come."

### The Long Route to the Invention of the Telescope

Rolf Willach

Vol. 98, Pt. 5 - \$35 • Paper  
ISBN: 978-1-60618-985-6

### The Invention of the Telescope

Albert van Helden

Vol. 67, Pt. 4 - \$30 • Paper  
Original print date 1977; reprinted 2008  
ISBN-10: 0-87169-674-6  
ISBN-13: 978-0-87169-674-8

### Sophie de Grouchy, Letters on Sympathy (1798): A Critical Edition

Karin Brown

Letters translated by James E. McClellan III  
Vol. 98, Pt. 4 - \$35 • Paper  
ISBN: 978-1-60618-984-9

### Raising Kane: The Construction of Dr. Kane, Hero of the Romantic Age

Mark Metzger Sawin

Vol. 98, Pt. 3 - \$ 35.00 • Paper  
ISBN: 978-1-60618-983-2

### Franz Boas and W. E. B. Du Bois at Atlanta University, 1906

Rosemary Lévy Zumwalt

Vol. 98, Pt. 2 - \$35 • Paper  
ISBN: 978-0-87169-982-4

WINNER OF THE JOHN FREDERICK LEWIS AWARD FOR 2008

### Alhacen on Image-Formation and Distortion in Mirrors: A Critical Edition, with English Translation and Commentary, of Book 6 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Haytham's Kitáb al-Manázir

A. Mark Smith

Vol. 98, Pt. 1 - \$29 each; \$42 set • Paper

ISBN: 978-1-60618-981-8

## LIGHTNING ROD PRESS TITLES

### THE CHINDALI LANGUAGE OF MALAWI - 3 volumes - \$100.00 for set

#### Volume 1 - A Chindali and English Dictionary, with an Index to Proto-Bantu Roots

Robert Botne, in collaboration with Loveness Schafer

ISBN: 978-1-60618-909-2  
LIGHTNING ROD PRESS, NUMBER 1  
\$45.00 • Paper

#### Volume 2 - A Grammatical Sketch of Chindali, Malawian Variety

Robert Botne

ISBN: 978-1-60618-910-8  
LIGHTNING ROD PRESS, NUMBER 2  
\$35.00 • Paper

#### Volume 3 - Narratives of Chindali Life and Culture

Compiled and analyzed by Robert Botne, in collaboration with Loveness Schafer

ISBN: 978-1-60618-911-5  
LIGHTNING ROD PRESS, NUMBER 3  
\$40.00 • Paper

### "TO DO JUSTICE TO HIM & MYSELF":

*Evert Wendell's Account Book of the Fur Trade with Indians in Albany, New York, 1695-1726*

Edited and Translated by Kees-Jan Waterman with linguistic information by Gunther Michelson

ISBN: 978-1-60618-912-2  
LIGHTNING ROD PRESS, NUMBER 4  
\$50.00 • Paper



## AMERICAN PHILOSOPHICAL SOCIETY

104 South Fifth Street • Philadelphia, PA 19106-3387  
(Tel) 215-440-3425 • (Fax) 215-440-3450

### BOOK ORDERS: Please contact our fulfillment service—

Diane Publishing Co., P.O. Box 617, Darby, PA 19023 (phone 800-782-3833; fax 610-461-6130). Online orders may be sent to orders@dianepublishing.net See our website for recent catalogs and backlist: www.aps-pub.com

## The Magic of Meaning



*Iris 'Florentina'*



Professionally designed gardens are a treat to behold, with their pleasing proportions, carefully planned combinations, and elegant details. “Homemade” gardens, however, have a charm all their own. What they may lack in artistic merit isn’t nearly as important as the personal significance they have for the gardeners who create them.

My own garden is as much about the past as it is about plants. When I walk on the timber-and-gravel path, I remember the summer weekend years ago that Mom and I spent building it. When I find labels with familiar writing, I remember the fun of trading favorite garden treasures with friends at various plant swaps

and Hardy Plant Society sales. When the ‘Florentina’ iris blooms, I think of the much-missed gardener Joanna Reed, from whose garden the clump originated. Everywhere I look, I see friends and fond memories along with flowers and foliage. And I’m sure it’s the same for many of you, as you recall gifts of time or plants and seeds from family members and gardening buddies.

Classic garden ornaments such as statuary and benches can be very elegant, but it’s the quirky bits of garden art that really reveal the personality of the gardener (or perhaps the gardener’s friends and family). Gazing globes and pink flamingos may border on tacky in some circles, but if they make you giggle, then who cares what the neighbors say?

Just be aware that the ornaments you choose for your garden have a way of multiplying, and what you end up with can be quite unexpected. You start out with one cute little pig statue, or one goofy gnome; then friends and loved ones jump on the idea that you’re really crazy about pigs or gnomes. You end up getting endless variations of

them on every gift-giving holiday. You can’t very well “re-gift” them, so your garden is soon overrun with theme ornaments ranging from tasteful to downright cringe-worthy. Even the worst of them, though, come with the good intentions of the giver.

Another way of weaving sentiment into your gardens is to choose plants with meaningful names. When my dear Shetland sheepdog passed away, planting a paperbark maple (*Acer griseum*)—emphasis on the *bark*—seemed the perfect choice to memorialize her rather vocal persona. I also found and planted a rose with her name, and it pleases me to think of her when ‘Guinevere’ is in bloom again. In another part of the garden, I added a clump of the glorious daylily (*Hemerocallis*) known as ‘Nona’s Garnet’ in memory of my late aunt Nona, who lived across the street and apparently found great amusement in watching me work in my garden in all hours and all weather.

But “name gardens” don’t have to be all about memorializing lost loved ones; they can be about honoring our still-present friends and family members, as well as our hobbies and interests. Try tracking down plants with the same names as your kids or pets, for instance, or with names relating to your favorite sports, books, movies, or music. How about a Harry Potter garden with ‘Lord Voldemort’ coleus and ‘Potter’s Purple’ butterfly bush (*Buddleia davidii*); an Arthurian garden with ‘Excalibur’ euphorbia and ‘Galahad’ delphiniums; or a Star Trek border with ‘Captain Kirk’ hosta and ‘Vulcan Logic’ daylily?

And with a music theme, well, try combining ‘Jethro Tull’ coreopsis with ‘Heavy Metal’ switch grass (*Panicum virgatum*) and ‘Stairway to Heaven’ Jacob’s ladder (*Polemonium reptans*). This could give a whole new meaning to the term “rock gardening!” 🌿

*Hemerocallis 'Nona's Garnet'*



*Euphorbia 'Excalibur'*



*The Destination for every outdoor room, garden and home decor need! Over 5,000 items from Around the World in our Gardens & Showroom!*



Italianate Bronze

Elizabeth Schumacher's



Garden Accents



HSP Custom Garden House



Robert A.M. Stern Collection

4 Union Hill Rd • West Conshohocken, PA 19428 • 610.825.5525  
Open year round, please call or visit our website for current store hours  
[www.gardenaccents.com](http://www.gardenaccents.com)



23 October  
2009  
to  
29 January  
2010

**BOTANICALS**

Environmental Expressions in Art

The Alisa and Isaac M. Sutton Collection

Hunt Institute for Botanical Documentation  
5th Floor; Hunt Library  
Carnegie Mellon University, Pittsburgh, PA  
Gallery hours and catalog information:  
412-268-2434  
[huntinst@andrew.cmu.edu](mailto:huntinst@andrew.cmu.edu)  
[huntbot.andrew.cmu.edu](http://huntbot.andrew.cmu.edu)



Find us  
in *your* backyard.



**burkebrothers.com**

**BURKE**  
**BROTHERS**  
Landscape Design / Build  
215.887.1773

## GREEN SCENE "GARDEN PHOTO CONTEST" OFFICIAL CONTEST RULES

### WHO MAY ENTER

- Amateur photographers aged 18 and older (those who earn less than 1/4 of their annual income from photography)
- Employees of the Pennsylvania Horticultural Society and its affiliates are not eligible.

### SUBMISSIONS

- Photographers may only enter images as 4 x 6-inch or 5 x 7-inch prints, either in color or black-and-white.
- **IMPORTANT:** On the back of each image, you must write your name, address, email and/or phone. Optional: You may also include technical information about the photograph (camera type, f-stop, speed, film type, etc.), as well as background information.
- If you'd like your images returned, please enclose a SASE (self-addressed stamped envelope) with your submission.
- Original images may be shot on print film, slides, or digital cameras, but all submissions must be prints as stated above (no slides or CDs accepted).
- All photographs must be previously unpublished.
- All photos must have been taken within the past three years (since August 1, 2006).
- Photos may eventually be mounted on cardboard if we choose to display them.
- Photos that violate or infringe upon another photographer's copyright are not eligible for entry.
- The Pennsylvania Horticultural Society is not responsible for loss of or damage to any photographs submitted for the contest.

### ENTRY FEES

- Photographers may enter 1 photo for a fee of \$15; 2 to 5 photos for a fee of \$25; or 6 to 10 photos for a fee of \$40. Fees are non-refundable.

### PRIZES

- 1st** FujiFilm Z20 Digital Camera, & publication of your photo \*
- 2nd** A Philadelphia Flower Show coffee table book, a one-year PHS membership & publication of your photo\*.
- 3rd** One-year PHS membership & publication of your photo\*.

### Honorable Mentions (10):

- Publication will occur in PHS's Green Scene magazine (Jan/Feb '10 issue) and on the PHS website.

### IMPORTANT DATES

- All entries must be postmarked by September 18, 2009.
- All winners will be notified by November 16, 2009.

**For more information:** For more information, please email [greenscene@pennhort.org](mailto:greenscene@pennhort.org) for fastest response. You can also call Daniel Moise at 215-988-8871.

## Classified Ads

### GARDEN STRUCTURES

#### GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood  
33 Years' Experience  
Call Robert J. LaRouche at  
Glass Enclosures Unlimited  
610-687-2444

### GREEN TECHNOLOGIES

#### Rainwater Harvesting Systems

Capture • Filter • Reuse  
Please visit our website to learn more  
[www.YourPond.com](http://www.YourPond.com)  
Cedar Run Landscapes  
1-800-Landscape

### HARDSCAPING

#### HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways,  
COBBLESTONE-edging and paving,  
STONE walls, RETAINING walls, MARBLE,  
GRANITE-floors, walls, countertops.

215-699-5611

Upper Gwynedd, PA

### GREEN GIANT

Alternative Leyland Cypress &  
New England's Dying Hemlocks

[www.BOTANYSHOP.com](http://www.BOTANYSHOP.com)



Thuja X 'Green Giant'

- New USDA Release
- Pennsylvania Gold Medal
- Tough, Fragrant, Tall, Skinny Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing 3' to 5' /Year
- Zones 5-9

Plant all Summer.  
Potted, Thornless Blackberries  
and Raspberries.  
New Polka Raspberry  
\*High Yield\* Everbearing



[www.knockoutroses.com](http://www.knockoutroses.com)

Now Introducing  
Disease Resistant American Elms



Jefferson American Elm



Princeton American Elm

Botany Shop Garden Center

Joplin, MO  
(888) 855-3300  
Call for information and shipping arrangements

### PATIOS & WALKWAYS

Flagstone - Pavers - Brick  
Robert J. Kleinberg  
Landscape Design & Construction  
610-259-6106  
See our work online  
100's of pictures at  
[WWW.KLEINBERG.COM](http://WWW.KLEINBERG.COM)

### LANDSCAPE DESIGN

#### BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs.  
Experienced staff ensures  
the integrity of the design  
from concept to completion.  
[burkebrothers.com](http://burkebrothers.com)

215-887-1773

610-520-2025

#### David Brothers Landscape Services Bean Road Nursery

Architects, Builders and Nurserymen  
Providing the Fine Art of Garden Construction  
and Landscape Restoration

215-247-2992

610-584-1550

[www.davidbrothers.com](http://www.davidbrothers.com)

#### DONALD PELL INC. GARDENS

Design-Masonry-Landscape  
Please review our updated portfolio at  
[www.donaldpell.com](http://www.donaldpell.com)  
610-917-1385

#### LINDA CORSON LANDSCAPE DESIGN

- Consulting
- Plans
- Supervision

Registered Landscape Architect

Member ASLA

215-247-5619

### MULCH

#### BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service  
Cedar Run Landscapes  
Call for brochure  
1-800-LANDSCAPE  
[www.CedarRunLandscapes.com](http://www.CedarRunLandscapes.com)

#### FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance  
PINE-NEEDLE MULCH  
Wholesale and Retail

610-701-9283

[renee52@comcast.net](mailto:renee52@comcast.net)

## NURSERIES

### RARE & UNUSUAL PLANTS

- Specimen plants • Pond plants • Bonsai
- Orchids • Hardy cacti • Tropicals
- Sculptured trees and shrubs • Perennials
- Unique Flower and gift shop.

**MUTSCHLERS' FLORIST & RARE PLANTS**

1-800-242-9438

[www.mutschlers.com](http://www.mutschlers.com)

Perennials Are Our Specialty!

### POPES' GARDENS

- Mums • Cabbage & Kale • Pumpkins
- Fall Plants & Vegetables
- Shrubs • Trees • Fruit Trees & Berry Bushes
- Classes • Display Gardens • Farm Animals
- 1146 Old White Horse Pike, Waterford, NJ
- (856) 767-3343

[www.popesgardens.com](http://www.popesgardens.com)

- Triple Oaks Nursery & Herb Garden
- Great Plants • Display Gardens • Programs •
- Franklinville, New Jersey
- [www.tripleoaks.com](http://www.tripleoaks.com)
- 856-694-4272
- [greatplants@tripleoaks.com](mailto:greatplants@tripleoaks.com)

## PICTURE FRAMING

### Frames and Company

We've been framing for 36 years and can make any artwork blossom! Our design/framers and archival materials will guarantee a perennial favorite.

Our photo frames will put your friends in the best light, and we have mirrors to reflect your good taste.

10% off for PHS members.

3723 West Chester Pike, Newtown Square  
Under the Green & White Awning  
610.356.8122  
[www.framesandcompany.com](http://www.framesandcompany.com)

## TREES

### Tree Transfers Inc.

- Large Tree Transplanting and Sales
- Large Screening & Specimen Plant Material
- Garden Restoration, Ponds
- Waterfalls & Patios
- 215-635-2310
- Serving the Delaware Valley since 1987



*Waldor Orchids*

Just miles from the Jersey Shore and nestled in a quiet residential neighborhood, sits Waldor Orchids, an award-winning, family-owned nursery that's home to some 500,000 orchid plants.

Specializing in quality orchids for 80 years.

We invite you to visit our Web site at [www.waldor.com](http://www.waldor.com)

10 E. Poplar Avenue Linwood, NJ 08221  
Ph (609) 927-4126 Fax (609) 926-0615



**Cattleya-Log**™

*Catalog your Orchid collection today!*

For each plant you have you can track:

- Extensive Details
- Blooming History
- Repotting History
- Medical History
- Pollination History
- Digital Photo Album
- Journal Entries
- Cultural Notes
- Book Index
- much, much more!

Produce reports to take to shows and sales  
Track your Wishlist and favorite Websites too!

Visit [www.cattleyalog.com](http://www.cattleyalog.com) to try it or to buy it

### Systeme Software 215-258-5217

Visa MasterCard Amex  
or use your PayPal Online

**Download: \$49.95**  
**CD-ROM: \$59.95**

*Cattleya-Log is the best software available for tracking an orchid collection of any size.*



Try it out for FREE!

## Legacy Landscapes Planting the Future of PHS



Legacy Landscapes is a \$12.1 million campaign to establish an endowment fund to support the horticultural maintenance of civic and neighborhood landscape projects of the Pennsylvania Horticultural Society. For more information please contact the PHS Development Office at 215-988-8800 or visit [www.pennsylvaniahorticulturalsociety.org](http://www.pennsylvaniahorticulturalsociety.org)



**The Pennsylvania Horticultural Society**

# Liberty Lands Goes Green

## Above and Below the Surface

By Jane Carroll

Liberty Lands, a beloved neighborhood park located in Philadelphia's Northern Liberties section, is a far cry from the former contaminated tannery site on which it stands. The park now boasts cutting-edge technology that demonstrates how horticulture can be used to tackle environmental challenges.

Over the last three years, PHS and the Philadelphia Water Department have worked with neighborhood residents on a stormwater master plan for the two-acre site, located at N. 3rd and Wildey streets. This spring, the first phase of the master plan was completed as the park received new plantings and an ADA-accessible performance stage and lawn amphitheater, as well as stormwater management features that will help keep water out of the city's overburdened sewer system. An inlet on Third Street conveys street runoff under the sidewalk into the park, where it travels down a grass swale to a rain garden designed by PHS and its consultant team. Water captured by the rain garden will feed underground cisterns for park irrigation. Plantings include native grasses and trees such as dawn redwoods, swamp white oaks, and eastern redbuds, provided by the Morris Arboretum of the University of Pennsylvania.

The project, made possible by a partnership between PHS, the Philadelphia Water Department, and Northern Liberties Neighbors Association, was funded by more than \$300,000 from the Pennsylvania departments of Environmental Protection and Conservation and Natural Resources, along with \$25,000 from Tower Investments and \$3,500 from the neighborhood restaurant Standard Tap. Phase-One

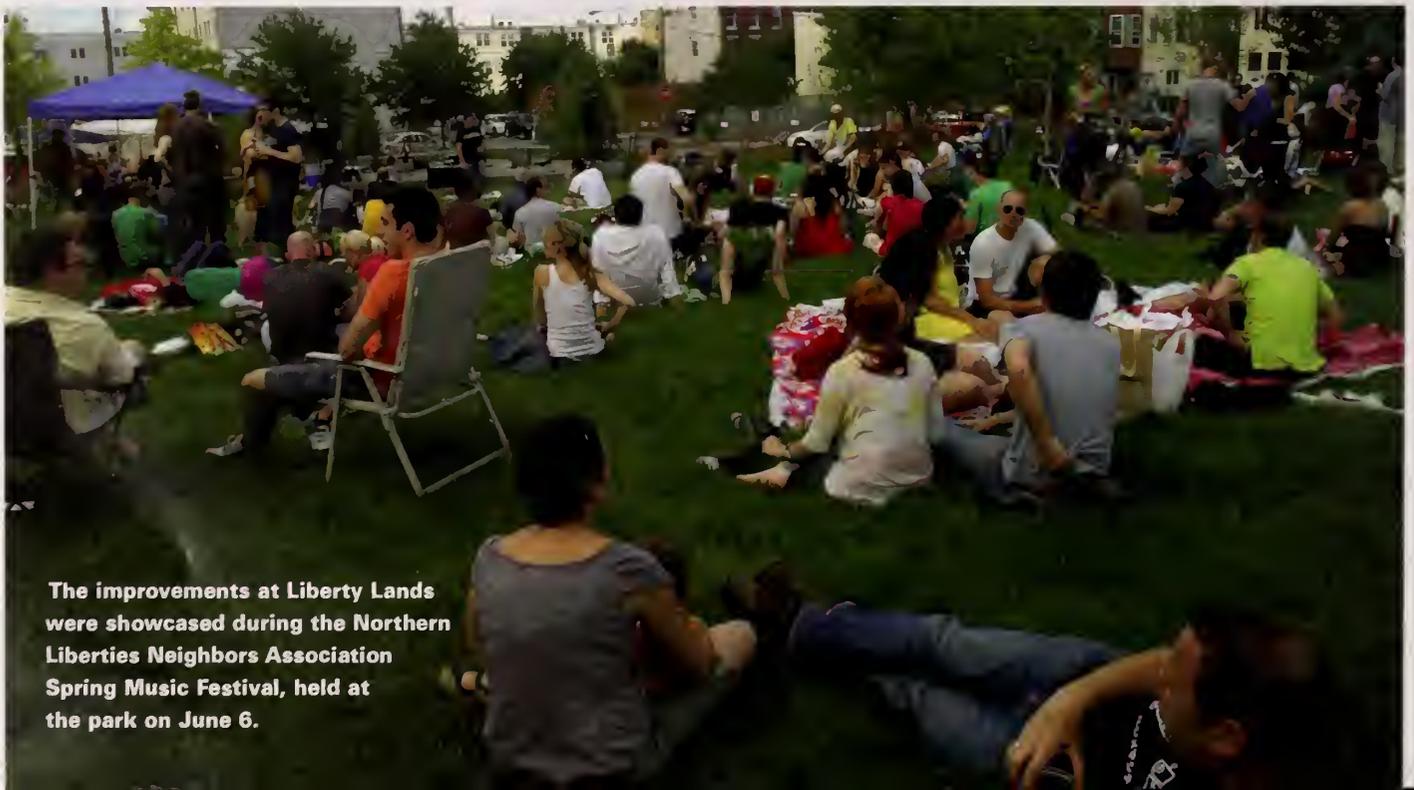
construction was conducted by JIG Inc. Construction Management, an award-winning, locally based company highly regarded for its sustainable building practices.

"Our park is a great fit for a stormwater management demonstration project," says Janet Finegar, secretary of the Northern Liberties Neighbors Association and co-chair of the Liberty Lands Committee, which oversees the maintenance, preservation, and improvements to the park. "Not only will the improvements cut down on erosion at the park, but we can also show developers who are building in the neighborhood that this is something they can do, too."

Home to 36 community garden plots and a playground, Liberty Lands is rapidly being surrounded by new town homes, many of which trumpet their proximity to the park as a key selling point.

PHS has a long association with Liberty Lands, having helped residents transform the vacant parcel into a thriving community asset. PHS helped establish the garden plots, supplied trees through TreeVitalize, and trained neighborhood activists through Tree Tenders and Garden Tenders. The Park is also part of the PHS Parks Revitalization Project.

"This neighborhood treasure now has an innovative stormwater system that can serve as a model for other projects," says Joan Reilly, senior director of Philadelphia Green. "Creating more rain gardens, rain barrels, and other landscape-based systems like those at Liberty Lands is an important next step in making Philadelphia a greener, more sustainable city." 🌱



**The improvements at Liberty Lands were showcased during the Northern Liberties Neighbors Association Spring Music Festival, held at the park on June 6.**



BARTLETT.  
BECAUSE FULL, HEALTHY TREES  
MAKE FOR FULL, HEALTHY LIVES.



The trees and shrubs that shade us and grow along with us are valuable assets that deserve care and protection. For over 100 years, we've led both the science and services that make your landscape thrive.

No matter the size or scope of your tree and shrub care needs, our experts provide you with a rare mix of local service, global resources and innovative practices. Trees add so much value to our lives.

And Bartlett adds even more value to your trees.



**BARTLETT  
TREE EXPERTS**

SCIENTIFIC TREE CARE SINCE 1907

*For the life of your trees.*

PRUNING . FERTILIZATION . PEST & DISEASE MANAGEMENT . REMOVAL  
PLEASE CALL 877 BARTLETT 877.227.8538 OR VISIT [BARTLETT.COM](http://BARTLETT.COM)

PA6160



# Your life is an exciting adventure story. Let us help write the next chapter.

Success doesn't come easy and you've worked hard for what you have. At PNC, we understand the wealth you've earned isn't an end in itself. It's simply a way to help you take on your next challenge. That's why our highest priority is to thoroughly understand your situation. And help guide you on your journey ahead.

Call (888) 762-6226 or visit [pnc.com](http://pnc.com).



Trust & Estate • Wealth & Retirement Planning • Investment Management • Private Banking Services

The PNC Financial Services Group, Inc. ("PNC") provides investment and wealth management, fiduciary services, FDIC-insured banking products and services and lending and borrowing of funds through its subsidiaries: PNC Bank, National Association and PNC Bank, Delaware, which are **Members FDIC**. PNC does not provide legal, tax or accounting advice. ©2007 The PNC Financial Services Group, Inc. All rights reserved.  
**Investments: Not FDIC Insured. No Bank Guarantee. May Lose Value.**



PHS  
PLANTING SEEDS. GROWING LIVES.

# GREEN

scene



Colorful...  
Beautiful...  
Underappreciated...

## Bulbs

Inside: 2009 PHS Annual Report

NOVEMBER-DECEMBER 2009 • \$5.00

# Cathedral Village



*When Friends and Family Ask,  
"What do You do For Fun?"*

*We tell them we enjoy . . .*

- ◆ The Village College . . . where courses are taught by our own Resident Professors . . . and where there are no tests to take or tests to correct!
- ◆ Swimming at sunrise . . . during the day . . . and even in the winter when it's snowing!
- ◆ The camaraderie of friends while exercising in the Health Club or doing Tai Chi and Yoga.
- ◆ An Outstanding Concert Series featuring Astral Artists and other distinguished musicians from a wide geographic area, as well as concerts given by many of our talented residents.
- ◆ Singing in our new Village Chorus which performed at the Arden Theater.
- ◆ Having our own Greenhouse for personal use year-round along with interesting and fun-filled seminars given each week by professional horticulturists.
- ◆ Having a wonderful, light-filled Art Studio for self-expression, as well as art classes in a variety of media.
- ◆ Our separate Pottery Studio where classes are also held; and Craft and Woodworking Rooms for individual use and creative classes.
- ◆ Having a great deal of fun participating in or attending Play Reading performances.
- ◆ Putting around on our Professional Green for fun as well as competition.
- ◆ Many Bridge tournaments, Scrabble competitions, and parties in our Presser Lounge.
- ◆ Taking the Cathedral Village bus to Center City for the Orchestra, Theater and Ballet, and for day trips to museums, flower shows and many other places of interest.
- ◆ Joining Resident Committees and enjoying each other's company while volunteering in the Library, Gift Shop and other areas of the Village where our help benefits others.

Woven into this truly enjoyable lifestyle are new friendships with kindred spirits!

*~ Come for a visit and discover even more! ~*

Visit Monday through Friday between 9 AM and 3 PM.

Appointments are needed for weekends and holidays.

600 East Cathedral Road • Philadelphia, PA 19128

[www.cathedralvillage.com](http://www.cathedralvillage.com)

(215) 984-8621



Cathedral Village is a Nonprofit  
Nondenominational Continuing Care  
Retirement Community



Accredited Since 1984  
Affiliated With the Jefferson Health  
System Since 1986



4



8



38

FEATURES

4

**Growing Giant Mums at Longwood Gardens**

It takes months of hard work to grow the enormous chrysanthemums that appear at Longwood Gardens each fall during the Chrysanthemum Festival. Daniel Moise takes us behind the scenes to view this amazing horticultural process.

8

**Fall is the Time for *Caryopteris***

Garden expert Stephanie Cohen tells us that if you want a shot of blue in your fall landscape, you should plant *Caryopteris*. Beautiful and low maintenance, this shrub should find a place in everyone's garden.

10

**It's Time for Bulbs**

George Weigel reminds us that we can't get spectacular spring color without planting bulbs in the fall. From daffs to tulips to *Chionodoxa*, there's a world of bulbs waiting for us.

15

**2009 PHS Annual Report**

Learn about the latest PHS projects and initiatives in the colorful Annual Report, now appearing in *Green Scene* for the very first time.

COLUMNS

38

**Greening Basics**

*Tree Planting Tips*

42

**The Backyard**

The Girl Scouts collaborate with PHS on a new patch.

**Editor**

Pete Prown

**Senior Editor**

Jane Carroll

**Associate Editor**

Daniel Moise

**Staff Photographer**

Margaret Funderburg

**Art Design**

Baxendell's Graphic

**Printer**

ALCOM Printing Group, Inc.



**Website**

[PHSonline.org](http://PHSonline.org)

100 N. 20th St.  
Philadelphia, PA 19103-1495  
215-988-8800

**Chair**

John K. Ball

**President**

Jane G. Pepper

**Executive Vice President**

Blaine Bonham, Jr.

**PHS Membership Information**

Linda Davis 215-988-8776

**Display & Classified Ads**

Manzo Media Group

610-527-7047

[manzo@manzomediagroup.com](mailto:manzo@manzomediagroup.com)

**Garden Q & A Phone Line**

215-988-8777 Monday through Friday,

9:30 to 12:00 (closed in December)

[askagardener@pennhort.org](mailto:askagardener@pennhort.org)

**GREEN SCENE** (USPS 955580)

Volume 37 No. 6, is published bi-monthly

January, March, May, July, September

November by the Pennsylvania Horticultural

Society, a nonprofit member organization at

100 N. 20th St.,

Philadelphia, PA 19103-1495

Single Copy \$5.00

(plus \$2.00 shipping)

Second-class postage paid at

Philadelphia, PA 19103.

**POSTMASTER** Send address change to

GREEN SCENE

100 N. 20th St. Philadelphia, PA 19103

© 2009 Pennsylvania Horticultural

Society



**Mixed Sources**

Product group from well-managed forests and other controlled sources  
[www.fsc.org](http://www.fsc.org) Cert no. SW-COC-002714  
© 1996 Forest Stewardship Council

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture.

**Cover photo:** *Allium* 'Globemaster' courtesy of The Pennsylvania Horticultural Society

The Potting Shed

# MUMM'S



# the Word

By Daniel Moise

## Growing Giant Chrysanthemums at Longwood Gardens

Longwood Gardens in Kennett Square, PA, boasts 325 acres of horticulture, but some of its green-thumbed magic occurs in places visitors rarely see. Case in point: the aptly named Nursery Lane, where preparations for the annual Chrysanthemum Festival take place.

The Festival showcases tens of thousands of chrysanthemums in all shapes and sizes. According to Jim Harbage, Longwood's research and production leader, the mum display is "the most intensive horticulture we do all year—and it only lasts three-and-a-half weeks each fall."

One of those leading the charge is Yoko Arakawa, a horticulture technical specialist. Each year Yoko grows a number of mums for the display, including the show-stopping "thousand-bloom mum", a single plant brimming with hundreds of blossoms. It's a tradition that comes from Japan, and Yoko has returned to her home country several times to learn from the experts. As she describes it, the level of dedication there is mind-boggling. "These people literally live with the mums," she says. "They wake up, check the mums. Eat breakfast, check the mums. That's what they do."

Contributing to the challenge is adjusting the practice to geographic constraints. The most notable difference between the two nations is temperature. "The summers are hot here," Yoko says of the United States. "In Japan, however, the morning and evenings are cool, which the plants prefer."

To combat our humid summers, Longwood's mum-growing area has a massive

cooling fan set on full force. In addition to temperature, water and light are of chief importance. In winter and spring the plants are kept under lights to trick them into thinking it is summertime, so they grow vigorously but refrain from blooming.

As she preps the mammoth thousand-bloom mum for its big debut, Yoko works on a platform to reach every petal more easily. Metal spokes atop the plant's framework allow Yoko to rotate the plant to even out sun exposure. Each stem offers many flowers, but Yoko's practice is to pinch off the side buds to allow the terminal one to grow larger and look showier. As she explains it, "A plant only has so much energy to give. So you can either have a large number of small flowers, or a small number of large flowers."

In another part of Longwood's expansive nursery, Yoko's colleague Koa Kanamee, a native of Hawaii, grows and grooms other mums for the Festival. Koa has worked with Yoko for five years and has come into his own as a mum master. All summer long, with days starting at 6 am, Koa and his team—a mix of full-time, part-time, and seasonal staff, plus a few interns—labor over every shoot.

Since the job is so meticulous, Koa believes it's his duty to keep spirits high among the staff. "We make an effort to stop and stretch," he says. "But the key to a good crew is having people with a good sense of humor—we tell a lot of jokes."

When late October arrives, the many months of preparation come to a head. The larger specimens are transported to the exhibition floor on pallets. Once in the



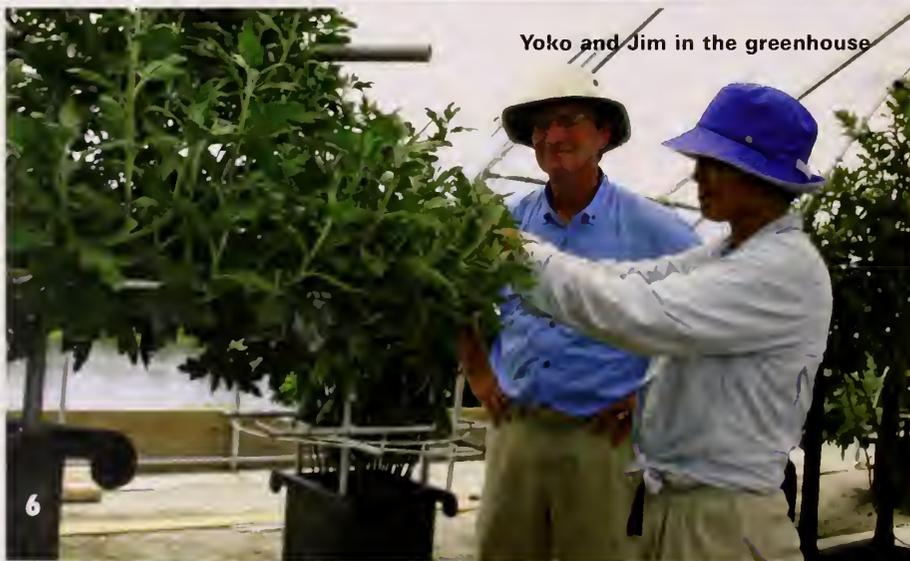
## The Potting Shed



Mums growing in Longwood's nursery area



Yoko and Jim in the greenhouse



Conservatory, various mums are staged at predetermined locations. Butterfly-shaped topiaries, for instance, are shown in the children's garden. The thousand-bloom mum goes in the east end of the Conservatory, partly because of design aesthetics, but also because a plant that massive only fits through certain doorways.

At the 2009 mum festival, visitors will be treated to a sea of lavender, yellow, and white blossoms—the traditional colors used in Japan—in addition to other bolder shades. And thanks to grafting, some plants will even offer more than one color of flower.

The mums come in a variety of forms, including an eight-foot obelisk. The centerpiece, of course, is the one Yoko spent so many months perfecting. Jim, for one, is pleased: "Each year we get better and better. Our long-term goal is to exceed 1,000 blooms, and I think we can do it."

Yoko agrees, but laughingly says that once they achieve it, she'll need an extra-long winter vacation to recover.

The Longwood Gardens Chrysanthemum Festival runs from October 19 to November 22. For more information, visit [longwoodgardens.org](http://longwoodgardens.org) or call 800-737-5500.

**dubarry**  
of Ireland

What will you do in yours?...



**Kildare**  
Boot in Walnut/Mahogany

**Galway**  
Boot in Brown/Mahogany



- **GORE-TEX lined®**
- **Waterproof**
- **Breathable**
- **Lightweight**
- **DryFast-DrySoft™**



DRY FAST-DRY SOFT™

Dubarry USA  
106 West Christine Rd,  
Nottingham, PA 19362

Tel: 1-866-658-3569  
Web: [www.dubarry.us](http://www.dubarry.us)



c. 1741 Rabbit's Ferry House

**Christmas Weekend in  
Historic Lewes, Delaware  
December 3 - 6, 2009**

Includes 36th annual Lewes Historical Society House Tour, 78th annual Old-Fashioned Christmas Parade, Merchants Hospitality Night, & Art Show

For more information and to purchase house tour tickets, call the Lewes Chamber of Commerce toll free at 1-877-465-3937

[www.leweschamber.com](http://www.leweschamber.com)

Funded in part by Southern Delaware Tourism

"Nantucket-Style" on the Delaware Coast



Located on the waterfront in the heart of Historic Lewes, The Inn at Canal Square offers guests exceptional comfort coupled with seaside charm.

Complimentary European-Style breakfast and Guest Fitness Room

**Inquire about our Fall & Winter Great Escape Packages**



122 Market Street • Lewes, DE 19958  
Ph 302.644.3377 • Resv 888.644.1911

Distinctive Plants • Home & Garden Accents

**MOSTARDI**  
NURSERY

We'll help you gather all the special things you need this holiday season....

Come visit our Christmas garden shop.



4033 West Chester Pike (Route 3) • Newtown Square, PA 19073  
610-356-8035 • [www.mostardi.com](http://www.mostardi.com)

# Autumn Blues

The Cool Colors of *Caryopteris*

This is not an essay about feeling blue in the fall when winter is on its way.

I love autumn and am invigorated by the wonderful weather and the array of colors in the landscape. Some gardeners think fall is the time for kales, cabbages, and pumpkins. It certainly is, but there are so many other choices that offer fall color in the garden.

When I think of fall, I think of shades of gold, yellow, bronze, orange, and red that trees deliver. For contrast, however, I love to use the color blue, and my favorite blue shrub is *Caryopteris*.

*Caryopteris* goes by several common names: bluebeard, blue-mist shrub, and blue-mist spirea. It is a small shrub—2 to 4 feet tall—that fits into a mixed or perennial border quite readily. It blooms profusely in full sun and needs average garden soil that is not heavily enriched with fertilizer (in which case it gets the flopsies).

One of my favorite low-maintenance plants, *Caryopteris* flowers in late summer to early fall and puts on a show for several weeks. You don't need to cut it back when you do fall cleanup; it can wait for your favorite whack-and-hack pruning in spring. If you want taller plants, don't cut them back as much. I vary from severe cut-backs to leaving quite a bit of the bush every other year. It does bloom on new wood so the older parts will not flower. I practice this on *Vitex* (chaste tree) and *Buddleja* (butterfly bush) to keep them vigorous. *Caryopteris* is hardy to Zone 5 and some to Zone 4, so if you live in the Delaware Valley there is no hardiness issue.

The common color for *Caryopteris* is, of course, various shades of blue. It is an aromatic deciduous shrub, and all parts of its flowers, leaves, and stems give off a faint, but pleasant



Story by  
Stephanie Cohen



'Sunshine Blue'

Photo: © 2009, All Rights Reserved. Photo: © 2009, All Rights Reserved. Photo: © 2009, All Rights Reserved.

odor. It is fairly heat and drought tolerant, too, and has no major pests or diseases. Best of all, butterflies will enjoy it as much as you do.

Two of the tried and true cultivars that are still around are 'Dark Knight', with deep blue flowers, and 'Longwood Blue', which has lovely foliage and beautiful sky-blue flowers. Selected at Longwood Gardens, it has long been a favorite of gardeners in our part of the world.

Newer introductions are Grand Bleu™ and Petit Bleu™, two outstanding cultivars from France. The main difference is size, as Grand stands at 3 feet and Petit is only 2 1/2 feet tall. Both have deep blue blossoms and shiny foliage. Petit works very well as a container plant because of its demure size. *Caryopteris* 'First Choice' is another compact selection. It is 3 feet tall with deep blue flowers and a dense and compact habit.

Now for something different: So far all of the above are *Caryopteris* × *clandonensis* species. We are now switching gears to 'Sunshine Blue', a *C. incana* species. 'Sunshine Blue', an English cultivar, manages to keep its yellow foliage while producing amethyst blue flowers. Several other new cultivars, such as 'Almost Gold', with its lime-green foliage, may be next year's hot introduction.

In a class by itself is 'Summer Sorbet', another *C. clandonensis* cultivar with lovely golden edges to the leaves that really pop out the blue flower color. I like the variegated foliage because the plants are sort of nondescript until they flower.

So I suggest getting the blues for a late summer to fall finale. With *Caryopteris*, it's easy to add to the razzle dazzle of this show-stopping season. 🌿

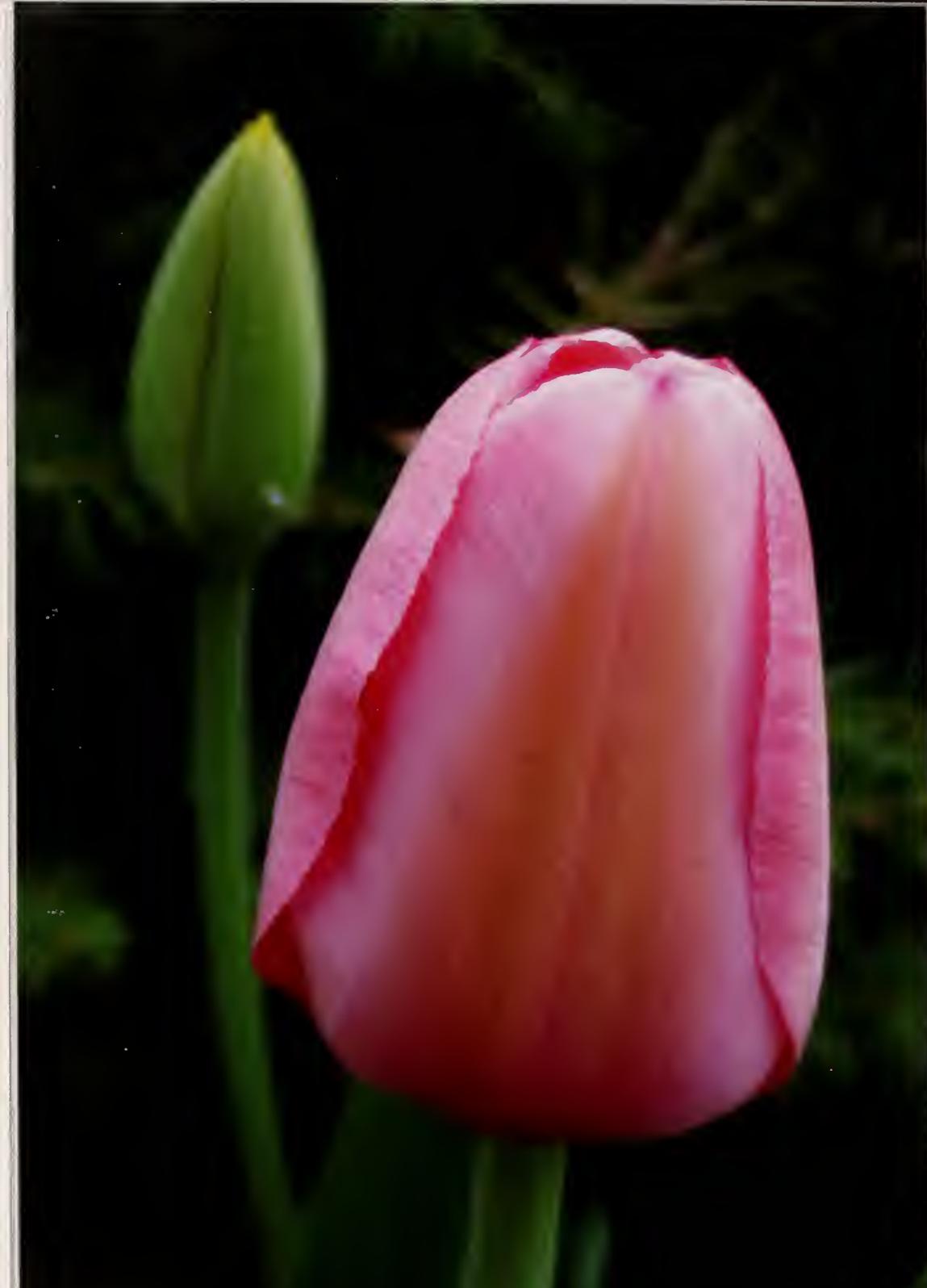


'Petit Bleu'



**Caryopteris even grows well in a container.**

Photos: this page: Courtesy of Proven Winner



# High-Octane **BULBS**

Story by  
George Weigel



Pump Color into your  
Spring Landscape

**D**espite the welcome drift of yellow daffodils, most of our springtime landscapes are seriously *under-bulbed*. In part that's because bulbs demand the distinctly un-American trait of patience, not to mention advance planning. Autumn is prime time to plant them, but when the deed is done, we've got nothing to show for it except bare ground and a few worm-scavenging birds. But think back to last March and April. Was there much going on in your landscape? If not, now is the best time to do something about it. Let's get bulbing!

## **Bigger Helpings**

There's no getting around planting large quantities. You're just not going to get much impact from a dozen daffodils no matter how you design it. The Dutch typically plant in clusters of at least 20 to 30 bulbs each, or plant hundreds in sweeping bands three or four layers deep. Rather than spread your flock thinly over a large space, pick one or two key areas and plant masses of bulbs. Most bulbs return for at least several seasons, so if you think of these as perennials costing 50 cents per plant or less, the sticker shock isn't so bad.

## **Look for Missed Opportunities**

Where are those key areas anyway? The front door is probably the most obvious, but if you walk around the garden and pay attention to



which spots grab your eye; those are candidates for bulbs.

Use bright golden dwarf daffodils such as *Narcissus* ‘Tete-a-Tete’ or ‘February Gold’ around the mailbox; fragrant pink, purple, and white hyacinths (*Hyacinthus orientalis*) flanking an arbor or gate; red botanical tulips (*Tulipa kaufmanniana*, *T. fosteriana*, *T. greigii*) ringing that specimen weeping Alaska cedar at the house corner; or blue Siberian squill (*Scilla siberica*) nodding in a mass under the dogwood out near the kitchen window.

### Match Bulbs to Existing Blooms

One of the coolest ways to make your neighbors think you know what you’re doing is to choose bulbs that bloom at the same time and in coordinating colors with the plants around them. For example, say you have a cherry tree that blooms pink in early April. Plant a mass of early-April-blooming blue Siberian squill or lavender glory-of-the-snow (*Chionodoxa forbesii*) underneath it.

Other examples: yellow daffodils under a white star

magnolia (*Magnolia stellata*), white tulips under a pink crabapple (*Malus*), grape hyacinths (*Muscari armeniacum*) under a white dogwood, pink tulips fronting lavender rhododendrons, and yellow tulips next to red azaleas. Most bulb packs list approximate bloom times.

### Sharing a Bed

Spring bulbs make ideal partners inter-planted with perennials. The bulbs poke up and bloom as most perennials are waking up, then go dormant as the perennials take over the

Left: **This mass planting of grape hyacinths in Holland creates the perspective of a river flowing off into the woods.**

Right: **April flowers of Siberian squill (*Scilla siberica*)**



Is your landscape looking pretty weak in early spring? Autumn is the time to do something about it by adding spring bulbs.

space. Especially nice is coordinating bulb flowers with early-blooming perennials. Tall pink tulips look great poking up above the pinkish-white, bottle-brush flower spikes of foamflowers (*Tiarella cordifolia*); white and blue hyacinths pair nicely and bloom at the same time as white-variegated, blue-blooming 'Jack Frost' false forget-me-nots (*Brunnera macrophylla*); and

bulbs also share space well with summer-flowering bulbs, especially Oriental and Asiatic lilies.

### A River of Hyacinths

One of the signature ideas of Holland's famous public bulb garden, Keukenhof, is to create "rivers" of color with large masses of bulbs. Grape hyacinths are massed in a winding bed that narrows as it runs off into the distance. The purple-blue color and the narrowing perspective make it look like a river flowing away into the woods.

If you've got a water garden, try copying this by directing the "flow" to your falls. Siberian squill and glory-of-the-snow work well for this, too. So would dwarf daffodils if you're okay with yellow water.

### Double Matinee

Get two spring shows out of the same space by layering early bloomers and later

old-fashioned pink bleeding hearts (*Dicentra spectabilis*) are superb partners with dark-burgundy tulips like 'Negrita.'

Even perennials that bloom much later in the season perform the same role as foliage in a floral arrangement when mixed with spring bulbs. Some of the best are perennials with interesting texture or variegated leaf color, such as hosta, lamium, coralbells (*Heuchera*), foamybells (*Heucherella*), cranesbill (*Geranium*), fringe-leaf bleeding heart (*Dicentra eximia*) and sedum. Spring

Right: **Tulips at the peak of color**

Below: **Thousands of bulbs of multiple types have been planted randomly for a wildflower look in this garden.**

bloomers on top of one another, lasagna-style. Dig a 6- to 8-inch trench and plant larger and later bulbs first, such as tulips, alliums, late daffodils, or crown imperial (*Fritillaria imperialis*). Then lightly cover the bulbs with soil and plant a second layer of smaller and earlier bulbs, such as crocuses, snowdrops (*Galanthus nivalis*), dwarf iris (*Iris reticulata*), dwarf early daffodils, striped squill (*Puschkinia scilloides* var. *libanotica*), Siberian squill or Grecian windflowers (*Anemone blanda*). The lower

bulb shoots will find their way up and around the smaller bulbs and bloom around the time the upper-layer little guys are petering out.

This is just the tip of the iceberg. Bulbs can punch up any landscape, and fall is the time to get planting. Next spring, you'll be happy you did.

George Weigel is a Pennsylvania Certified Horticulturist who writes two weekly garden columns for *The Patriot-News* in Harrisburg and operates his own garden consulting and design business in central PA.



Photo by Eric F. Fisher



White and yellow

daffodils color-coordinate

nicely and bloom at the

same time as this

white-flowering pear tree.

## High-Care Bulbs

Trying to figure out which spring bulbs to plant when? Here are approximate bloom times for Zone 6; they are variable, based on weather and specific cultivars:

### Early to mid-March

Dwarf iris (*Iris reticulata*)  
Snowdrop (*Galanthus nivalis*)  
Spring snowflake (*Leucojum vernalis*)  
Winter aconite (*Eranthis hyemalis*)

### Mid to late March

Botanical tulips (*T. kaufmanniana*, *T. tarda*)  
Crocus (*C. chrysanthus*, *C. sieberi*, *C. tommasinianus*)  
Early daffodils ('February Gold,' 'Early Sensation,' etc.)  
Glory-of-the-snow (*Chionodoxa forbesii*, *C. sardensis*)  
Siberian squill (*Scilla siberica*)

### Early to mid-April

Botanical tulips (*T. fosteriana*)  
Crocus (large-flowered *C. flavus*, *C. vernus*)  
Daffodils (trumpet, large-cupped types, *Narcissus triandus*)  
Glory-of-the-snow (*Chionodoxa forbesii*, *C. sardensis*,  
*C. gigantea*)  
Grecian windflower (*Anemone blanda*)  
Hyacinth (*Hyacinthus orientalis*)  
Siberian squill (*Scilla siberica*)  
Striped squill (*Puschkinia scilloides* var. *libanotica*)

### Mid to late April

Daffodils (trumpet and large-cupped types, *Narcissus tazetta*, *N. triandus*)  
Grape hyacinth (*Muscari armeniacum*, *M. aucheri*,  
*M. botryoides*)  
Grecian windflower (*Anemone blanda*)  
Hyacinth (*Hyacinthus orientalis*)  
Spring starflower (*Ipheion uniflorum*)  
Striped squill (*Puschkinia libanotica*)  
Tulips (Triumph and Darwin hybrids,  
single and double early)  
Tulips (*T. clusiana*, *T. hageri*, *T. humilis*, *T. praestans*, *T. greigii*)

### Early to mid-May

Crown imperial (*Fritillaria imperialis*)  
Daffodils (*Narcissus jonquilla*, *N. poeticus*)  
Grape hyacinth (*Muscari armeniacum*, *M. aucheri*,  
*M. botryoides*)  
Snake's head fritillary (*Fritillaria meleagris*)  
Spanish bluebell (*Hyacinthoides hispanica*)  
Tulips (single and double late)  
Tulips (parrot, lily-flowering, fringed, Rembrandt types,  
*T. bakeri*, *T. viridiflora*)

### Mid-May to early June

Allium (*A. aflatanense*, *A. christophii*, *A. atropurpureum*,  
*A. giganteum*, *A. schubertii*)  
Camassia (*C. cusickii*, *C. leichtlinii*, *C. quamash*)  
Summer snowflake (*Leucojum aestivum*) 🌱



## THE PENNSYLVANIA HORTICULTURAL SOCIETY 2009 ANNUAL REPORT

July 1, 2008 through June 30, 2009

Each year it is my pleasure to write an introductory letter to the PHS Annual Report, which you will find on the following pages. When you read this customary letter next year, a new president will have settled into the job, so I'd like to take this opportunity to reflect on the 30 wonderful years I have been privileged to work at PHS. A friend once remarked that I had the best job in Philadelphia, and I totally agreed with her.

I came to know PHS through my predecessor, Ernesta Ballard, when I volunteered at the Flower Show in 1977. At the time, I was in graduate school at the University of Delaware and as I approached the end of the two-year program, I bugged Ernesta regularly to let me know of any open positions at PHS. Finally, in the spring of 1979 Ernesta let me know that PHS needed a public information coordinator. Subsequently, those in charge of hiring lost my resume, which was just as well because Ernesta helped me rewrite it. When I came on board, Ernesta was planning to retire, and in 1981 I moved with much trepidation into her role as CEO.

Thanks to Ernesta's guidance, PHS provided a nurturing environment. The staff and PHS Council, our governing board, did everything they could to tutor me in the complexities of running an organization. They also taught me the importance and power of the PHS family—our members, volunteers,

and Flower Show exhibitors. Over the years, this family has expanded to include partners in all kinds of organizations and those who work with us in community gardens, parks, and civic landscapes in Philadelphia and beyond.

Key to holding the family together and moving the mission of PHS forward have been the 110-person PHS staff, the Council, and Committee members. To Blaine Bonham, PHS's executive vice president, I offer a special thank you. Blaine was here when I came and will be here when I go, and he's the person whose dream and vision created and developed Philadelphia Green, the program of which I am incredibly proud. I also want to thank our wonderful staff, both past and present, and the dedicated Senior Management Team.

Many people have contributed so much to the organization as members of the PHS Council. Without the space to thank each one individually, I will name those who have served as chairs during this period: Henry H. Reichner, Jr. (1981 to 1984); Robert S. Ryan (1985 to 1989); Donald L. Felley (1989 to 1992); Morris Cheston, Jr. (1993 to 1996); Ann L. Reed (1997 to 2000); Anne B. Kellert (2001 to 2004); Harry E. Hill (2005 to 2008); and our current chair John K. Ball. These men and women have been wonderful mentors; generous donors; and above all, good friends. To all of you, very special thanks.



*Jane G. Pepper,  
PHS President*



*John K. Ball,  
Council Chair*

Leading the Flower Show team has been one of the responsibilities that I have really loved. I especially want to express gratitude to the amazingly creative designers, exhibitors, and volunteers who have made the Show so spectacular over the past three decades. I also have to mention two of my special guiding lights: J. Liddon Pennock Jr., fondly called the Flower Show's "Perennial Principal Advisor," and G. Willing Pepper, my "Gardening Partner." Without them my life would never have been as interesting, as exciting, or as happy.

PHS has a distinguished past and a bright future. I know that it will remain strong and vibrant and continue to adjust, as it has since its founding in 1827, to the changing needs of our members and the needs of the broad community we now serve.

I thank all of you for the best job in the world and I hope you will join me in welcoming and wishing the very best to my successor.

Jane G. Pepper

# BELLA ITALIA

## *The Philadelphia Flower Show*

The 2009 Philadelphia Flower Show, *Bella Italia* (March 1 to 8), recorded the highest attendance for a single day when 48,000 visitors viewed the Show on the last Saturday. Overall attendance figures were impressive considering the winter storm that brought 10 inches of snow to parts of the Philadelphia region on Monday, March 2.

Inside the Convention Center, exhibitors paid a floral tribute to Italy, with theme gardens devoted to Rome (**J. Cugliotta Landscape/Nursery**), Milan (**AIFD**), Venice (**Jamie Rothstein Floral Design**), the Lakes Region (**Stoney Bank Nurseries**), Tuscany (**Burke Brothers Landscape Contractors, Inc.**), and Florence (**Robertson's Flowers**).

Visitors strolled through an **Italian Piazza**, sipped Italian wines, and shopped for Italian treasures. They

also listened to opera singers, photographed breathtaking gardens, and enjoyed the first scents of spring. The **Competitive Classes** section featured artistic floral displays with Italian themes, as well as hundreds of perfectly groomed plant specimens.

"We tried to showcase not only the diverse gardens of Italy, but also the culture and a glimpse of what you experience when you go to this beautiful and intriguing country," explains Flower Show designer Sam Lemheney. "*Bella Italia* was about the allure of Italy, the artistry, and the passion. I was pleased with the enthusiastic response from visitors to the extraordinary creativity of our exhibitors."

In the **PHS Village**, visitors learned about the merits of PHS Gold Medal Plants. They traced the history of the Flower Show through a visual timeline

dating back to 1829. They joined PHS or renewed their membership and watched videos featuring some devoted PHS volunteers.

Other innovations included the **Family Lounge**, where Show attendees with small children could participate in fun activities, including presentations by animal keepers from the Philadelphia Zoo.

Proceeds from the Philadelphia Flower Show, including ticket sales and sponsorship contributions, support PHS and its acclaimed urban greening program, **Philadelphia Green**. The Flower Show has an annual economic impact of \$35 million on the Philadelphia region's restaurants, hotels, shops, businesses, and cultural attractions.

PHS gratefully acknowledges the **sponsors** of the 2009 Philadelphia Flower Show, which are listed on page 35.

*"Bella Italia was about the allure of Italy, the artistry, and the passion."*



# PHILADELPHIA GREEN

## *Creating a Greener City*

Through Philadelphia Green, PHS has demonstrated that greening is a vital tool for urban revitalization, and this spring Philadelphia Mayor Michael Nutter advanced that concept with the announcement of **Greenworks Philadelphia**, a plan to make Philadelphia the greenest city in the nation by 2015.

The plan outlines 15 ambitious goals, including planting 300,000 trees throughout the city to improve air quality and help reduce stormwater runoff. Greenworks calls for creating more community vegetable gardens, urban farms, and farmers markets, as well as adding 500 acres of new park space to provide equitable access to parks for all city residents.

PHS executive vice president J. Blaine Bonham Jr. serves on the mayor's Sustainability Advisory Board and, along with Philadelphia Green staff, has been providing the Nutter Administration with data on the benefits of green spaces in urban environments.

"Research has shown that cities with vibrant park systems, gardens, and tree-lined streets not only offer a higher quality of life, but also fare better economically by attracting residents and jobs," Bonham says. "We're thrilled that Mayor Nutter is calling for such significant investments in open space."



*"Shadfest" drew thousands of visitors to Penn Treaty Park on the Delaware River.*

On a neighborhood scale, PHS is working to help establish two **model "green neighborhoods"** in eastern North Philadelphia with funding from the Home Depot Foundation, the Local Initiatives Support Corporation, the William Penn Foundation, and the Philadelphia Water Department. Philadelphia Green is engaging community residents through workshops and community meetings that focus on "best practices" in establishing rain gardens and green streetscapes, planting trees, and enhancing community gardens and parks. Residents will use the skills they acquire to become stewards of their neighborhoods. The project is off to a vibrant start with engaged citizens, eager partners, and a solid vision for a greener, more sustainable future.

Philadelphia Green is also helping to create and enhance open spaces along the **Delaware Riverfront**. With funding from the William Penn Foundation, Philadelphia Green is engaging residents of riverside neighborhoods to imagine new open spaces along the river and "greenway connectors" linking adjacent neighborhoods to the river. In April Philadelphia Green helped organize a lively spring "Shadfest" at Penn Treaty Park, a riverside park in the Fishtown neighborhood, which drew thousands of people for music, local food, and family-friendly environmental education activities. PHS also worked with Fishtown residents on a new master plan outlining future physical improvements to Penn Treaty Park.

## Innovations in Greening

This year, several Philadelphia Green staff members spent time eight stories up in the air, preparing to assume maintenance oversight for a new 45,000-square-foot **green roof at PECO headquarters** in Center City. As a consultant to PECO, PHS coordinates public access to the roof by arranging educational lectures and tours.

In addition to being aesthetically pleasing, green roofs offer big benefits to the environment: they absorb and retain stormwater, keep energy costs down, and extend the life of roof structures. Says PECO's Cathy Engel, "We expect that it [the green roof] will capture about 1.6 million gallons of rainwater per year."

PHS is also playing a significant role in the revitalization of landscapes along the **Benjamin Franklin Parkway**, as well as creation of a **new neighborhood park in South Philadelphia**. Both projects are part of an extraordinary public-private partnership supported by funds from the City of Philadelphia; three Pennsylvania state agencies—the Department of Transportation, the Department of Community and Economic Development, and the Department of Conservation and Natural Resources; The Pew Charitable Trusts; the William Penn Foundation; and the Knight Foundation.

In the initial undertaking, PHS is working with the Philadelphia Museum of Art and the Fairmount Park Commission to renew the gardens at the **Rodin Museum**, which is owned by the Art Museum, and to improve



*Beauty meets functionality on the green roof atop PECO headquarters (above) and in a terraced stormwater project at Cliveden Park in Germantown (below).*

the surrounding streetscape. Plans for the Rodin garden and landscape, created by the design firm OLIN, and for streetscape improvements, by Lager Raabe Skafte Landscape Architects, have been enthusiastically approved by the Philadelphia Art Commission, Historical Commission, and Fairmount Park. Groundbreaking is scheduled for spring 2010.

The new park will be built at 12th and Catharine streets in South Philadelphia. **Hawthorne Park** will cover a small city block, on what has been vacant land owned by the Philadelphia Housing Authority. PHS conducted neighborhood meetings to gather community input on park design, and construction will begin in spring 2010.

"This is an unprecedented partnership of government, private foundations, cultural institutions, and the community working together to restore a city treasure and create a new park," says Philadelphia Green senior director Joan Reilly.



In the Northern Liberties neighborhood, Philadelphia Green and the Philadelphia Water Department worked with community members to install an innovative new stormwater management system at **Liberty Lands Park**. The first phase of the project included a performance stage, lawn amphitheater, and new plantings. The perimeter of the park was retrofitted to capture rainwater and divert it under the sidewalk into a rain garden. From there, the water feeds underground cisterns for park irrigation.



*A new performance stage was among the improvements at Liberty Lands Park.*

## Opening New Doors

This year, PHS became the urban greening consultant for **Keep America Beautiful (KAB)**, a national organization that engages individuals to improve their community environments. By welcoming KAB's 600 affiliates across the country as

members, PHS can now share its experience in all components of urban greening, including tree planting, community gardening, and park stewardship. KAB chief operating officer Becky Lyons says, "PHS will support KAB affiliates by offering conference workshops and trainings, as well as webinars. It will also share its research and technical expertise through publications and the McLean Library."

For several years PHS has served as a partner in **TreeVitalize**, a program of the Pennsylvania Department of Conservation and Natural Resources that works to restore tree cover in southeastern Pennsylvania. This year PHS **Tree Tenders** groups and other volunteers carried out large-scale tree plantings—2,000 trees in Philadelphia and nearly 1,000 in surrounding counties.

*PHS helped lead volunteers in planting 2,000 trees in Philadelphia through TreeVitalize.*



PHS is also working with municipal leaders in the cities of Chester and Norristown to coordinate community tree plantings and is offering its three-part Tree Tenders training for volunteers in those cities. "The tree plantings are serving as a catalyst for further greening in Chester and Norristown," explains Maitreyi Roy, PHS vice president for programs.

The Tree Tenders training courses in Philadelphia and surrounding counties drew record numbers of attendees, and PHS partnered with Penn State to offer the training in the Lehigh Valley, Lancaster, Erie, Scranton, and Cambria County.

## Looking Forward

PHS will continue to apply the principles that have made the first 35 years of Philadelphia Green so successful. Understanding and cultivating the transformative power of greening is a mission that provides daily inspiration to all PHS staff. By establishing strong partnerships with government and other organizations and engaging and empowering the residents of Philadelphia and beyond, PHS helps create more beautiful and livable communities for everyone.

*Photo courtesy of KAB*

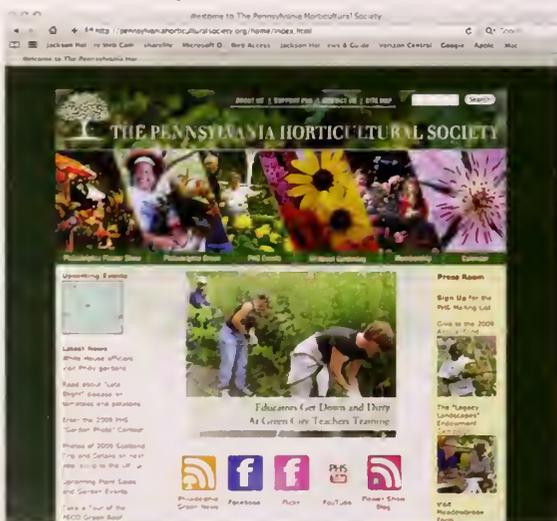


# GREENING & GROWING WITH PHS



The new PHS parks guide is available at Amazon.com.

The PHS website offers lots of new features (PHSonline.org).



Throughout the year, PHS encourages people to appreciate the joys of gardening and spreads the word about the benefits of urban greening. Thousands attend PHS lectures, classes, and demonstrations offered at the Flower Show, Meadowbrook Farm, Chanticleer, PHS headquarters, and at venues in Philadelphia and throughout southeastern Pennsylvania. PHS publications and its website reach thousands more.

Among the notable projects of the past year was publication of the *PHS City Parks Handbook*, a comprehensive look at the techniques that make the PHS parks program so successful. Funded by a grant from the Pennsylvania Department of Community and Economic Development, the 107-page, full-color book shows people how to form their own volunteer groups, raise funds, and revitalize their local parks.

On the PHS website, staff added new features, including YouTube videos, a Flower Show blog, interactive Facebook pages, and newly revamped Philadelphia Green and

Membership sections. The result is a more interactive website that allows members to process their renewals faster and lets newcomers learn about PHS initiatives.

McLean Library staff collaborated with the Publications department to create the "Internet Gardener," a guide to finding useful gardening and greening information on the Web, produced for Keep America Beautiful. The free brochure can be downloaded from the PHS website. The Library staff also digitized and made available a selection of the McLean Library's historic images of the Philadelphia Flower Show by entering digital images and their descriptions into the Access PA Digital Repository ([accesspadigital.org](http://accesspadigital.org)).

The Green City Youth program concluded this year with notable projects at local schools, including Cook-Wissahickon School, where the sixth-grade class started a "tree kindergarten" with 100 native fruit trees grown for transplanting into a proposed native tree orchard. PHS continues to reach out to schoolchildren by educating teachers through its Green City Teachers project. Now in its third year, with funding from The Burpee Foundation, Green City Teachers shows Philadelphia-area teachers how to incorporate horticulture and environmental education into their curricula. A continuing education

# A Great Year for Garden Tenders!



Gardeners at Roxborough Presbyterian Church built new raised beds.

A downloadable guide to greening and gardening was created for Keep America Beautiful.



PHS's **Garden Tenders** training course helps community groups and nonprofit organizations in Philadelphia start and maintain **community gardens**. Here are three highlights from the past year:

Garden Tenders at the **Lucien Blackwell Homes** in West Philadelphia took over an under-utilized space at 47th & Brown streets where they rebuilt raised beds, planted vegetables and perennials, and created a central flower garden.

South Philadelphia's **Point Breeze** neighborhood welcomed a new generation of gardeners, who helped renovate a garden built in the early 1980s as a place to mix jazz and flowers. The revitalized "**Concert Garden**" now hosts regular weekend events.

Gardeners at the **Roxborough Presbyterian Church Garden** built large raised beds and a tool shed, erected a deer fence, created a rainwater collection system, and then threw a celebratory barbecue. Their ongoing projects include outreach to the neighborhood, children's activities, growing vegetables for a local soup kitchen, and acting as mentors to other churches that want to set up similar programs.

workshop in summer guides educators through the process of creating a school garden. To date, more than 185 teachers have participated.

Participants in Green City Teachers learn how to build school gardens during a summer workshop.



# MEADOWBROOK FARM



*A view of the main house*

Meadowbrook Farm, a PHS affiliate in Abington Township, PA, includes several acres of renowned gardens, a luxurious estate house, and a thriving retail garden center and gift shop.

Meadowbrook Farm forces an array of plants for nearly 40 exhibitors and garden clubs at the **Philadelphia Flower Show** each year. The Meadowbrook staff also designed and constructed a stunning display that evoked the sunny shores of Sicily in keeping with the 2009 theme, *Bella Italia*.

This year, Meadowbrook Farm also had a store in the PHS Village at the Flower Show, where visitors could purchase high-quality plants and garden accessories. "The Meadowbrook Farm Store at the Flower Show offered a small sampling of what we carry at the sales yard and

gift shop," says Jessica Story, general manager at Meadowbrook Farm. "It highlighted our connection with PHS, and it encouraged people to visit Meadowbrook."

Long-time PHS **volunteers** Margo Eremus and Sherrill Rowland served as committee co-chairs of the Meadowbrook Farm Store. In addition to helping to design the store's space, they also recruited a team of volunteers to staff the store for the entire week and served as ambassadors for Meadowbrook and PHS.

PHS members receive discounts on programming and plant purchases at Meadowbrook Farm year-round. Please visit [gotomeadowbrook.com](http://gotomeadowbrook.com).

**Location:**

1633 Washington Lane  
Abington Township, PA  
215-887-5900

**Hours:**

Monday - Saturday, 10 am - 5 pm



*Holiday shopping in the gift shop*

**M** E A D O W B R O O K  
F A R M

# DEVELOPMENT & MEMBERSHIP

Loyal PHS members and contributors have continued to provide critical support in these challenging economic times. PHS recruited **3,900 new members** and increased retention rates, bringing the total number of active PHS members to 16,000. The number of donors participating in the **PHS Annual Fund** grew this year by more than 17 percent as a result of new promotions, enhanced PHS website pages, and more frequent communications. Seven hundred fifty donors made new or increased gifts to the Annual Fund in response to the **Independence Foundation Challenge** matching grant.

The **1827 Society**, a special circle of PHS supporters who make generous annual contributions, gained 102 new members as a result of the **Solomon Challenge**, which paid half of 1827 Society membership fees for those who joined the Society or increased their support by June 30, 2009. PHS also created the **Ballard Circle**, a new major-giving tier of the 1827 Society, at the \$25,000 level.

PHS officially launched the public phase of the \$12.1 million **Legacy Landscapes** endowment fund campaign, which will provide maintenance funds for PHS civic landscapes and selected community gardens. At press time, more than \$8 million had been raised for *Legacy Landscapes*.

Also as we went to press, two important challenge funds for *Legacy Landscapes* contributions were nearing completion. PHS has raised \$1,654,491 toward the \$2 million Lenfest Challenge and \$140,089 toward the \$200,000 McLean Contributionship Challenge.

The Albert M. Greenfield Foundation made a special sustaining grant this year to the **PHS City Harvest** project after

generously funding this pilot program for four years. Through a partnership with the Philadelphia Prison System, SHARE, the Health Promotion Council of Greater Philadelphia, Weavers Way Farm, and community gardeners, City Harvest helps make fresh food available to underserved communities.

A list of PHS contributors begins on page 26.



To involve young people in its mission, PHS created the **Young Friends of PHS**, which grew to include nearly 500 participants this year. Young Friends is a group of adults age 40 and under who share an interest in greening and the positive impact it has in the Philadelphia region. Activities include volunteer tree plantings and park cleanups; gardening, design, and greening workshops; and bike rides, kayak tours, and social events. For more information about Young Friends of PHS, send an email to [youngfriends@pennhort.org](mailto:youngfriends@pennhort.org).

# VOLUNTEER OPPORTUNITIES

PHS is grateful to the thousands of volunteers who fill essential roles throughout the year. People from across the region contribute countless hours at the Philadelphia Flower Show, help staff events, serve on committees, and support the urban greening work of Philadelphia Green. To learn more about volunteer opportunities, please visit the PHS website or call 215-988-8800.



*Helping out at the Flower Show*



*Gathering for a park clean-up*



*Neighbors at a community tree planting*



*Fall for Your Park, a popular event for volunteers of all ages*

# FINANCE REPORT

PHS is pleased to present the financial results for the year-ended June 30, 2009. The financial markets had a significant effect on PHS's income, as shown by the losses in investment activity. In response to the challenging economic environment, PHS worked to trim expenses and expand its base of support. We were encouraged by

the increase in attendance at this year's Flower Show. It is a tribute to PHS's members, donors, partners, friends, and Flower Show visitors—old and new—that non-investment revenue for 2009 was fairly consistent with 2008, which allowed PHS programs not only to move forward, but also to thrive.

## Statement of Activities June 30, 2009 and 2008

			Temporarily Restricted	Permanently Restricted	2009 Total	2008 Total
	Unrestricted					
	<i>000's omitted</i>					
<b>Revenue and Support</b>						
Earned revenue	\$ 10,558	66.3%	\$ -	\$ -	\$ 10,558	\$ 10,600
Contributions	6,076	36.6%	9,764		15,840	13,380
Membership	1,150	7.2%			1,150	1,145
Investment activity	(5,241)	-32.9%	144	(2,903)	(8,000)	(3,325)
Change in value of perpetual trust				(402)	(402)	(172)
Net assets released	3,388	22.8%	(2,921)	(467)	-	-
	\$ 15,931	100.0%	\$ 6,987	\$ (3,772)	\$ 19,146	\$ 21,628
<b>Expenses</b>						
Flower Show	\$ 7,241	31.4%			\$ 7,241	\$ 6,942
Greening	9,393	40.8%			9,393	9,966
Education	2,699	11.7%			2,699	2,442
Development	2,022	8.8%			2,022	2,207
Meadowbrook	1,618	7.0%			1,618	1,808
Other	61	0.3%			61	61
	23,034	100.0%	-	-	23,034	23,426
Change in net assets before impact of FAS 158	\$ (7,103)		\$ 6,987	\$ (3,772)	\$ (3,888)	\$ (1,798)
Other income/(expense) – FAS 158	(1,107)				(1,107)	(327)
Change in net assets	\$ (8,210)		\$ 6,987	\$ (3,772)	\$ (4,995)	\$ (2,125)

# CONTRIBUTORS

The Pennsylvania Horticultural Society is grateful to the following individuals and organizations for generous gifts received between July 1, 2008 and June 30, 2009. Contributions like these help PHS continue its mission of *improving the quality of life and creating a sense of community through horticulture*. Special thanks also to the many unlisted donors, friends, and volunteers who support the work and mission of PHS.

## ENDOWMENT FUNDS

### Edwin S. Bond Fund for Trees

Estate of Edwin S. Bond

### Legacy Landscapes

*Legacy Landscapes* is a \$12.1 million campaign to provide endowment support for the horticultural maintenance of PHS's civic and neighborhood landscapes. PHS is deeply grateful for the commitment and generosity of *Legacy Landscapes* supporters.

#### Gifts of \$1,000,000+

Mrs. Samuel M.V. Hamilton  
Marguerite & Gerry Lenfest

#### \$500,000 - \$999,999

Elizabeth R. Moran  
Penelope P. Wilson

#### \$250,000 - \$499,999

Otto Haas Charitable Trust #2,  
*as recommended by*  
John Otto and Janet Haas  
Mrs. Henry F. Harris

#### \$100,000 - \$249,999

Anonymous (1)  
The John C. and Chara C. Haas  
Charitable Trust  
Mr. & Mrs. Harry E. Hill  
Berton & Sallie Korman  
The McLean Contributionship  
Jane G. Pepper  
Ann & Frank Reed  
Frances & Bayard Storey  
Teresa & Kenneth Wood  
Leslie Miller & Richard Worley

#### \$50,000 - \$99,999

Anonymous (2)  
Mrs. George P. Bissell, Jr.  
Lloyd & Thacher Brown  
Donald R. Caldwell

Cynthia & Morris Cheston

The Colket Foundation,  
Ruth M. & Tristram C. Colket, Jr.  
Lisa M. Gemmill  
Alexis C. & David P. Hollander  
Mrs. Marie-Louise Jackson  
Larking Hill Foundation  
Barbara E. & Howard L. Meyers

#### \$25,000 - \$49,999

Anonymous (1)  
John & Elinor Ball  
Jean G. Bodine  
Mr. & Mrs. J. Mahlon Buck, Jr.  
G. Morris Dorrance, Jr.  
Sally & George R. Graham, Jr.  
Josephine Klein  
Margaret M. Sadler

#### \$10,000 - \$24,999

Margaret McCarvill &  
Stephen Amadio  
Gus & Jenny Rose Carey  
Jim & Jacki Delaney  
Stacy Maria Dutton  
The Phoebe Haas Charitable Trust A,  
*as recommended by*  
Carole Haas Gravagno  
Anne & Morris Kellett  
Mr. & Mrs. James J. Maguire  
Jane & Robert Pollock

#### Gifts up to \$9,999

Anonymous (2)  
Mr. George J. Ahern  
Sandra M. Alton  
Heather & Michael Ascher  
Dr. Edwin & June Barry  
Mr. & Mrs. Isaac H. Clothier 4th  
Countryside Garden Club  
Dorchester Garden Club  
Garden Club of Springfield  
Henry L. & Anna Marie Good  
Annamae Greiner, *in memory of*  
Dutch Greiner  
Doris Gwaltney

Karen & Nick Kovich  
Ladies Aid Society of Central  
Schwenkfelder Church  
Sandra L. McLean  
Joan C. Rosoff & Russell Meddin  
Richard F. Meisheid &  
Susanne H. Iannece  
Richard T. & Melinda C. Moritz  
Stephen & Cecelia Mostardi  
Narberth Area Garden Club  
Mr. & Mrs. Charles A. O'Brien  
Old Eagle Garden Club  
Joseph Pyle & Cassandra Ecker  
Dr. & Mrs. Paul A. Reid  
Robert Q. & Heather B. Reilly  
David & Rebecca Sinkler  
Patricia L. Smith, Esq.  
Spade & Trowel Club of  
Kennett Square  
Curtis Thomsen, Ph.D., *in loving*  
*memory of Alice Thomsen*  
Mrs. M.W. Tilghman  
Melissa A. & Jason E. Vermillion  
Ray S. Walker  
Stephan J. & Katherine D. White

## THE 1827 SOCIETY

The 1827 Society is a special circle of PHS friends who, through generous annual contributions, demonstrate philanthropic leadership and commitment to the educational and community-outreach mission of PHS. Special thanks to those who participated in the Solomon Challenge.

### Ballard Circle Members

Paula & Mark Solomon

### President's Circle Members

Mr. & Mrs. Harris C. Aller, Jr.  
Janet & Jim Averill  
Joan L. Bachman  
Mr. & Mrs. Robert A. Bartlett, Jr.  
Mrs. George P. Bissell, Jr.  
Gus & Jenny Rose Carey  
Nancy S. Coates  
Sarah & Frank Coulson  
Jacki & Jim Delaney  
G. Morris Dorrance, Jr.  
Janet F. & John O. Haas  
The Phoebe Haas Charitable Trust A  
*as recommended by*  
Carole Haas Gravagno  
Mrs. Samuel M.V. Hamilton  
Mrs. Henry F. Harris

Mr. & Mrs. Thomas D. Hays 3rd  
Mr. & Mrs. Harry E. Hill  
Alexis C. & David P. Hollander  
Andrea M. Baldeck &  
William M. Hollis  
Charles S. Holman, Jr.  
Richard C. & Celeste A. Ill  
Josephine Klein  
Berton & Sallie Korman  
Larking Hill Foundation,  
Mr. & Mrs. Thomas L. Bennett  
Marguerite & Gerry Lenfest  
The McCausland Foundation  
Elizabeth & Bill McLean  
Martha Hamilton &  
I. Wistar Morris 3rd  
Jeanette Lerman-Neubauer &  
Joe Neubauer  
Jane G. Pepper  
Ann & Frank Reed  
Alan P. Slack  
Mrs. George E. Stewart  
Ruth W. & A. Morris Williams, Jr.  
Teresa & Kenneth Wood  
Leslie Miller & Richard Worley

### Benefactor Level

Lloyd & Thacher Brown  
Mr. & Mrs. J. Mahlon Buck, Jr.  
Dr. & Mrs. Lawrence W. Davis  
Mr. & Mrs. Rodney D. Day 3rd  
June & Donald Felley  
Lisa M. Gemmill  
Sally & George R. Graham, Jr.  
Chara C. & John C. Haas  
Mr. & Mrs. Richard P. Hamilton  
Mr. & Mrs. Richard Hansen  
Mr. Charles Hirschler Hoeflich  
Kaiserman Company  
Mark A. Kerschner  
Ann & Charlie Marshall  
Lisa D. Kabnick &  
John H. McFadden  
Margaret M. Sadler  
Mrs. M. W. Tilghman  
Elizabeth Van Vleck  
Penelope P. Wilson

### Patron Level

Anonymous  
Jeanne Marie & Bernard Adler  
Mr. & Mrs. A. Joseph Armstrong  
R. Ellen Avellino  
Mr. & Mrs. William J. Avery  
Mr. & Mrs. John H. Ball  
Mr. & Mrs. John M. Ballbach  
Anne W. Banse

Dr. & Mrs. Gerald S. Barad  
 Carole D. & John R. Bartholdson  
 Bartlett Tree Experts  
 Mr. & Mrs. Robert L. Bast  
 Ana & Steven Bessellieu  
 Carolyn L. Green &  
 Michael T. Blakeney  
 Jean G. Bodine  
 Mr. & Mrs. Thomas H. Bown 2nd  
 Shirley DeBobs Braverman  
 Laura & Bill Buck  
 Mr. & Mrs. Benedict A. Bugajewski  
 Mr. Andrew G. Bunting  
 Mr. Francis J. Carey  
 Cecily Geyelin Clark  
 Comcast-Spectacor Foundation  
 Mr. & Mrs. Christopher J. Davis  
 Maude de Schauensee  
 Joseph W. Dougherty  
 Mr. & Mrs. Edward Carroll  
 Driscoll  
 Mr. & Mrs. Colin J. Dunwoody  
 Dr. & Mrs. Joseph L. Eremus  
 Mr. & Mrs. David J. M. Erskine  
 Mr. & Mrs. Arthur H. Fisher  
 Mr. & Mrs. William H. Frederick, Jr.  
 Mr. & Mrs. Stephen A. Gansz  
 Mr. & Mrs. Edward T. Goodman  
 Sandra S. & Thomas Greenwood, Jr.  
 Mr. & Mrs. A. John Gregg  
 Gabrielle S. & Fred Haab  
 Mr. & Mrs. John S. C. Harvey 3rd  
 Christine & George Henisee  
 Ms. Jessie B. Hill  
 Mr. & Mrs. Roger S. Hillas  
 Helen & John Horstmann  
 Mr. & Mrs. Morgan R. Jones  
 Russell O. Jones  
 Barbara Y. Juda  
 Karen & Nick Kovich  
 Mr. & Mrs. D. Christopher Le Vine  
 Mr. Rick J. Lewandowski,  
 Mt. Cuba Center  
 Mr. & Mrs. Howard H. Lewis  
 Joel T. Loeb  
 Jane C. MacElree  
 Barbara E. & Howard L. Meyers  
 Karen & Handsel Minyard  
 Mr. & Mrs. Peter C. Morse  
 Stephen & Cecelia Mostardi  
 Mrs. John P. Mulrone  
 Maureen E. Nash  
 Martha McGeary Snider &  
 Robert Nonemaker  
 W. Gresham O'Malley 3rd  
 Drs. Marie A. & David D. Parrish  
 Mr. & Mrs. Robert A. Pollock  
 Mrs. Richardson Pratt, Jr.  
 Mr. & Mrs. Henry F. Reichner  
 Mr. & Mrs. J. Barton Riley  
 Suzanne F. & Ralph J. Roberts  
 Mr. & Mrs. Jeff Shell  
 Mr. & Mrs. Lewis S. Somers 3rd

Mrs. I. Tatnall Starr  
 Mr. & Mrs. James M. Stewart  
 John P. Swan  
 Mr. & Mrs. Paul Thompson 3rd  
 Dr. Ann F. Van Sant  
 Maud T. Walker  
 Margaret B. & Robert C. Wallis  
 Mr. & Mrs. Thomas D. Watkins  
 Frances W. Williams  
 Mr. & Mrs. Clarence Z. Wurts  
 Lynn & Paul Yeakel

**Member Level**

Anonymous (4)  
 Mr. & Mrs. John A. Affleck  
 Carol & Steve Aichele  
 Mr. & Mrs. Louis J. Appell, Jr.  
 Ann & Chris Arader  
 Mr. & Mrs. Theodore R. Aronson  
 Heather & Michael Ascher  
 Mrs. Edward K. Asplundh  
 Mr. & Mrs. Paul S. Asplundh  
 Elinor & John Ball  
 Mr. & Mrs. Alexis Barron  
 Dr. Edwin & June Barry  
 Ann R. Baruch  
 Dorothea H. & Ted Behr  
 Aaron & Jaime Belitsky  
 John K. Binswanger  
 Mr. & Mrs. Alan D. Bleznak  
 Hildegard S. Boylan  
 Dr. & Mrs. Bruce Braverman  
 D-J & J. Howard Brosius  
 Mr. & Mrs. Bruce M. Brown  
 Nancy Winkler & John Bryan  
 Josephine R. Bull  
 Laura L.T. Bullitt  
 Nancie & Theodore Burkett  
 Mr. & Mrs. Charles Arthur Burton  
 Mr. & Mrs. Kent Cadwalader  
 Wendy Calhoun  
 Mr. & Mrs. James Tyson Carson  
 Mr. & Mrs. Cummins Catherwood  
 Cynthia & Morris Cheston  
 Barbara & Herb Clarke  
 Suzanne & Norman Cohn  
 Amy Gildea &  
 Charles Pennock Collings  
 Ms. Joanne Coltman  
 Linda A. Galante, Esq. &  
 John J. Colussi  
 Albert J. Coralluzzo  
 Catharine & Gary Cox  
 Henry E. Crouter  
 Mr. & Mrs. Edward M. D'Alba  
 Catherine & Walter Dassler  
 Mr. & Mrs. Murdoch Davis  
 Ms. Molly D. Shepard &  
 Dr. Peter J. Dean  
 Joanne R. Denworth  
 Martha & William Devenney  
 Rogie & Charley Dickey  
 Mrs. F. Eugene Dixon, Jr.  
 Mr. & Mrs. John H. Donaldson

Mary E. Downs  
 Dr. & Mrs. William L. Elkins  
 Mr. & Mrs. Joseph M. Evans, Jr.  
 Sandy & Bob Fell  
 Mr. & Mrs. Graham Stanley Finney  
 Mr. & Mrs. Walter Fisher, Jr.  
 Mr. & Mrs. David Fleischner  
 Mr. & Mrs. Robert T. Foley  
 Wendy & Walter Foulke  
 Ms. Heather Fox  
 Deborah M. Fretz  
 Miss Julia W. Frick  
 Mr. & Mrs. Glenn D. Friedman  
 Mr. & Mrs. William K. Gano, Jr.  
 Mr. & Mrs. Francis A. Gansz  
 Elizabeth H. Gemmill  
 Eva Ray & Suresh C. Ghosh  
 Mr. & Mrs. David L. Glickstein  
 Robin M. Potter & Peter G. Gould  
 Mr. & Mrs. W. P. Granbery  
 Mr. & Mrs. N. Peter Hamilton  
 John G. Harkins, Jr.  
 Harold Baxter Foundation  
 Lawrie & John Harris  
 Mr. & Mrs. W. Henry Harrison  
 Ms. Lusi Hart  
 Christie & John Hastings  
 Mr. & Mrs. Nathan Hayward 3rd  
 Mr. Franklin Heiler  
 Renee & David P. Henry  
 Mr. & Mrs. Gerhardt Herbert  
 Robert Herald & Jim Hess  
 Libby & Joe Hill  
 Ms. Anna E. Hillman  
 Mr. & Mrs. W. Anthony Hitschler  
 Mr. & Mrs. Harold A. Honickman  
 Mr. Louis Hood  
 Mrs. Quita Woodward Horan  
 Helen Howes  
 Ann Dupuis Hozack  
 Mr. & Mrs. Michael B. Hudson  
 Mr. Richard T. Hykes  
 Mr. & Mrs. Thomas M. Hyndman  
 Mrs. I. Grant Irely, Jr.  
 Mrs. Marie-Louise Jackson  
 Mr. & Mrs. Robert B. Jefferson  
 Yardly & Scott Jenkins  
 Sally R. Johnston  
 Mr. & Mrs. Charles Kahn, Jr.  
 Barbara & Jerry Kaplan  
 Anne & Morris Kellett  
 John Kessock, Jr.  
 Mr. & Mrs. John J. Kiely, Jr.  
 Mr. & Mrs. Leonard I. Korman  
 Mitchell B. Kowal, Jr.  
 Margaret A. Kregel  
 Jeanette Landis  
 Mr. & Mrs. Charles B. Landreth  
 Carolyn P. Langfitt  
 Jean & Karl Lauer  
 Mr. & Mrs. Jerry Lee  
 Marilyn & Drew Lewis  
 Beverly J. Leymon

Dr. & Mrs. Paul M. Lin  
 Ann Csink & John Linck  
 Mr. & Mrs. James S. Lobb  
 Longwood Gardens, Inc.  
 Bonnie V. & Joseph E. Lundy  
 Ms. Jane Macan  
 Mrs. Louis C. Madeira  
 Mr. & Mrs. James J. Maguire  
 Mr. & Mrs. Thomas J. Maher  
 Joseph G. Marano, Sr.  
 Peter McFarland  
 Mr. & Mrs. John B. McGowan, Jr.  
 Janet Boys &  
 Donald McGuire, Ph.D.  
 Mrs. Donald G. McLean  
 Carole Covert-McMenamin &  
 William McMenamin  
 Joan C. Rosoff & Russell Meddin  
 Lisa & Jeff Miller  
 Miss Marianne T. Miller  
 Mr. & Mrs. Paul F. Miller, Jr.  
 Dr. & Mrs. John H. Moore, Jr.  
 Mr. & Mrs. Howard R. Morgan  
 Joan & Robert Mowery  
 Charles W. Nichols, M.D.  
 Dr. & Mrs. Bruce E. Northrup  
 William F. O'Connor  
 Mr. & Mrs. John F. O'Rourke  
 Jerry Palmer, Jr.  
 Bonnie & Stuart Pastman  
 Janet D. Pennell  
 Judy Pote  
 Hon. & Mrs. Richard A. Powers 3rd  
 Mr. & Mrs. Seymour S. Preston 3rd  
 John S. Price  
 Sarah D. & Philip Price, Jr.  
 Helen & David Pudlin  
 Angela & John Pursell, Jr.  
 Ms. Amy Rand  
 Dr. & Mrs. Paul A. Reid  
 Sandra & Phil Ringo  
 Dora & Robert Rogers  
 Dr. & Mrs. Donald Rosato  
 Chris Murphy & Sid Rosenblatt  
 Corinne R. Roxby  
 Mr. & Mrs. Roger J. Ruske  
 Pat & Scott Sanders  
 Michael L. Sanyour & Laurada Byers  
 Laura Say  
 Nina & Eric Schneider  
 Melanie & John Shain  
 Simpson Capital Management Co.  
 David & Rebecca Sinkler  
 Mary Ann Crawford &  
 Brett Skolnick  
 Ralph Smith &  
 Cookie Otani-Smith  
 Nancy Alessi & Richard Smolev  
 Ms. Sharee Solow  
 Mr. & Mrs. John J. Soroko  
 Sidney & Stewart Spahr  
 J. Blaine Bonham, Jr. &  
 Richard Spitzborg

Mrs. Edward Starr 3rd  
 Frances & Bayard Storey  
 Mr. & Mrs. James Bennett Straw  
 Mr. & Mrs. Francis R.  
 Strawbridge 3rd  
 Mrs. George Strawbridge  
 Sunoco, Inc.  
 Mr. & Mrs. Lewis F. Sutherland  
 Carol & Frank Szarko  
 Alice Lea Tasman  
 Molly Rouse Terlevich &  
 Fabio Terlevich  
 Mary Ann Thomas  
 Regina & Frank Thomas  
 Curtis Thomsen  
 Dr. & Mrs. John Vitale  
 Mrs. Richard J. Walsh  
 Mrs. Barbara Waters  
 Dr. & Mrs. Franklin H. West  
 Constance & Sankey Williams  
 Phyllis G. Williams  
 Peter & Susan Wilmerding  
 Mr. & Mrs. Howard Wilson  
 Sinclair Winton  
 Lisa Witomski  
 Barbara & Bob Young  
 Renee M. & Joseph S. Zuritsky

## SUSTAINING MEMBERS

Mr. & Mrs. James C. Biddle  
 Robert W. Blow  
 Mr. & Mrs. Edward T. Borer  
 Burke Brothers Landscape  
 Contractors, Inc.  
 Rebecca & John Campbell  
 Mr. & Mrs. Ross L. Campbell  
 Ethel Cebra  
 Lea & Matthew Cohn  
 Mr. & Mrs. Edward W. Coslett, Jr.  
 Mary C. Disston  
 Mr. & Mrs. William V. Dorwart, Jr.  
 Elizabeth B. Farley  
 L. A. Glasgow  
 Maxine S. Goldman  
 Richard Hayne  
 Monika Hemmers  
 Nancy J. Hirsig  
 Alfred Jones  
 Mr. & Mrs. Edward B. Leisenring, Jr.  
 Mr. & Mrs. Spencer A. Manthorpe  
 Carol A. Dolinskas &  
 Frank McBrearty  
 Carol McConomy  
 Henry S. McNeil, Jr.  
 Richard F. Meischeid &  
 Susan H. Iannece  
 Mr. & Mrs. Edward A. Montgomery, Jr.  
 Dorothea & Don Navratil  
 Mr. & Mrs. Lathrop B. Nelson, Jr.  
 Patricia Perfecti  
 Mr. & Mrs. Alfred W. Putnam, Jr.

Mr. & Mrs. Lee Morris Raden  
 Jane M. Ruffin  
 Mr. & Mrs. Peter Schorsch  
 Jan M. Supco  
 Barbara & Jack Tarditi  
 Barbara C. Travaglini

## SPONSORING MEMBERS

Sandra M. Alton  
 Brian Ames  
 Kristina Antoniadis, M.D.  
 Ira Baeringer  
 Debby Bailine  
 Mrs. A. L. Baldock  
 Mr. & Mrs. Brian F. Bamberger  
 John P. Bambrick  
 Anita M. Barrow  
 Jennifer Clarke & Alan Barstow  
 Wilfreta G. Baugh  
 Zerihun Belay  
 Letitia Biddle  
 Mary B. Blair  
 Mr. & Mrs. Gregory Bobka  
 Ingrid Bogen  
 Mr. & Mrs. John C. Bogle  
 Mr. & Mrs. A. Stewart Booher  
 James C. Borel  
 Mr. & Mrs. Nathaniel R. Bowditch  
 Michael W. Bowell  
 Ira Brind  
 Dennis J. Broderick  
 Mr. & Mrs. John E. Burrows, Jr.  
 Dr. & Mrs. James W. Byers 3rd  
 Doris S. Casper  
 Edward Chun  
 Rosemarie C. & John L. Cleaver  
 Mrs. John M. Cleveland  
 Barbara R. Cobb  
 Virginia R. Martin & Robert L. Comis  
 Ian M. Comisky  
 Linda C. Corson  
 Michael Coslov  
 Mr. & Mrs. Alan Crawford, Jr.  
 Mr. & Mrs. Russell H. Crawford  
 Pastor & Mrs. George Cunard  
 J. S. Cuthbert Company  
 Mr. & Mrs. Harold M. Davis  
 R. Bruce Denniston  
 Janet S. Dougherty  
 Phoebe & Lee Driscoll  
 Victoria Dubrow  
 Stacy Maria Dutton  
 Dr. & Mrs. L. Henry Edmunds, Jr.  
 Mr. & Mrs. Alan H. Elder  
 David Ennis  
 David F. Ertz  
 Mr. & Mrs. Peter A. Evans  
 Mr. & Mrs. Richard J. Farley  
 Sylvia Beck & Jay Federman  
 Johannah Fine  
 Beverly & Donald Fitts  
 Dr. & Mrs. James W. Fox 4th

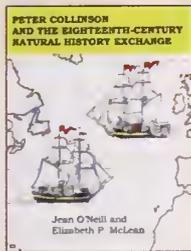
Mr. & Mrs. Robert A. Fox  
 Mary Carter Frackelton  
 Jill & Mark Frankel  
 Mr. & Mrs. F. P. Franklin  
 Mrs. C. S. Ganoe\*  
 Nancy J. George  
 Alda Giangiulio  
 Carol Giordano  
 Mr. & Mrs. Thomas Godfrey  
 Jane & Joe Goldblum  
 Maryalice Cheney &  
 Dr. Scott Goldman  
 Mary Lou Gonzalez  
 Dr. & Mrs. John W. Goppelt  
 Barbara Greenhalgh-Weidman  
 Michael Grimes  
 Elizabeth Haimes  
 Mr. & Mrs. Robert S. O. Harding  
 Mr. & Mrs. Harry J. Harp  
 Martina Hayward  
 John Hendrickson  
 Mr. & Mrs. Philip C. Herr 2nd  
 Adena Herskovitz  
 Mr. & Mrs. Gordon Hetherston  
 Paul Hierholzer  
 Mary S. & Stephen A. Hinds  
 Alan G. Hoden  
 Mr. & Mrs. James W. B. Hole  
 Marilyn Howard  
 Mr. & Mrs. Philip C. Howse  
 Kris & Dick Hughey  
 Gayla McCluskey &  
 David Humphrey  
 Eleanor & Stockton Illoway  
 Karen Ivory  
 Joseph Jackewicz  
 Janan Johnson  
 Pati Bevan Johnson  
 Mr. & Mrs. Henry M. Justi  
 Barbara & Leslie Kaplan  
 Lynn & Howard Kay  
 Christa Keim  
 Mr. & Mrs. Brian T. Keim  
 Mr. & Mrs. Robert W. Kennedy  
 Edythe Kerr  
 Don Klotz, Jr.  
 Ronald Kosh  
 G. Clayton Kyle, M.D.  
 Linda S. Labinsky  
 Joan & Marc S. Lapayowker  
 Nancy Laskowski  
 Mrs. Halbert G. Law  
 Zairene & Kenneth LeRoy  
 Suzanne & Robert Levin  
 Dr. & Mrs. Richard W. Lighty  
 Dr. & Mrs. Michael A. Liuzzi, Jr.  
 Molly Love  
 Carol A. Lynch  
 Jane Nicholson Mangrum  
 Mr. & Mrs. Joseph G. Marano, Jr.  
 Mr. & Mrs. Samuel R. Marshall  
 Sandra & David Marshall  
 Mr. & Mrs. Mark D. Mattson  
 Catharine & David Maxey  
 Lisa A. McCormick  
 Mr. & Mrs. Francis J. McKay  
 Mr. & Mrs. Joseph J. McKenna, Jr.  
 Patricia L. Menig  
 Mr. & Mrs. W. C. Merbreier  
 Frances S. Middleton  
 Sharon A. Miller  
 Linda E. Mills  
 Mr. & Mrs. C. George Milner  
 Mr. & Mrs. Frank J. Murray, Jr.  
 Mr. & Mrs. John E. Nash  
 Leora D. Natan  
 Naturescapes  
 Janneke Seton Neilson  
 Jaci L. & Ken Nicely  
 Susan & Edward Nolan  
 Mrs. Samuel P. Norton  
 Mr. & Mrs. Charles A. O'Brien  
 Barbara Oldenhoff  
 Mr. & Mrs. Raymond B. Osborne  
 Mrs. Edward J. Parker  
 Mr. & Mrs. Robert McCracken Peck  
 Mr. & Mrs. R. Anderson Pew  
 Beth & Jim Reeves  
 Col. & Mrs. Henry H. Reichner, Jr.  
 R. Therese Rensman  
 John H. Richards 3rd  
 Laura & Ralph Riedel  
 Mr. & Mrs. Norman P. Robinson  
 Mr. & Mrs. Franklyn L. Rodgers  
 Mr. & Mrs. David Rogers  
 Ira L. Rosen  
 Mr. & Mrs. Harry C. Rosenberg  
 Mr. & Mrs. Bruce R. Ross  
 Loretta & Paul Rossi  
 Judith Ruse  
 Deborah N. Rush  
 Mr. & Mrs. Robert S. Ryan  
 Elizabeth & George Rymar  
 Lorraine M. Saitta  
 Priscilla & Donald Samuelson  
 Gita Estersohn & Bobby Sapovits  
 Mr. & Mrs. John S. Schmader  
 Dr. & Mrs. William M. Schwartz  
 Mary & Buck Scott  
 Tony Seravalli  
 Karen & Bob Sharrar  
 Mr. & Mrs. John A. H. Shober  
 Heidi C. Shusterman  
 Carol Slocum  
 Mr. & Mrs. Corey R. Smith  
 Mr. & Mrs. David S. J. Smith  
 Mina Smith-Segal  
 Boyd L. Spahr 3rd  
 Dr. & Mrs. Thorne Sparkman, Jr.  
 Louisa C. H. Spottswood  
 Regina Stancill  
 Janet W. Starwood  
 Luise Strauss  
 Susan & Robert Strawbridge

## CURRENT APS MEMOIRS

### Peter Collinson and the Eighteenth-Century Natural History Exchange

Jean O'Neill and Elizabeth P. McLean

Vol. 264 - \$75.00 • Cloth  
ISBN: 978-0-87169-264-1



Peter Collinson's life is a microcosm of eighteenth-century natural history. A London Quaker, a draper by trade, and a passionate gardener and naturalist by avocation, Collinson

was what we would now call a facilitator in natural science, disseminating botanical and horticultural knowledge during the Enlightenment. He influenced men such as Comte de Buffon and Linnaeus. He found clients for the Philadelphia Quaker farmer and naturalist, John Bartram, at a time when the English landscape was evolving to emphasize trees and shrubs, and the more exotic the better. His membership in the Royal Society enabled him to broaden his scope: he encouraged Franklin's electrical experiments and had the results published, he corresponded about myriad natural phenomena, and he was ahead of his time in understanding the extinction of animals and the migration of birds. Though a man of modest Quaker demeanor, because of his passion for natural science, he had an unprecedented effect on the exchange of scientific information on both sides of the Atlantic. In this monograph, the authors give a convincing biographical portrait of Collinson. He "speaks" to the reader throughout the book in a distinct voice.

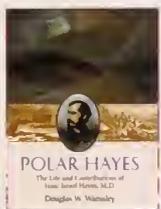
Jean O'Neill (1915-2008) was awarded the Gold Veitch Memorial Medal by the Royal Horticultural Society in 2001. She concentrated her scholarly research on Collinson's life and writings and his place in Anglo-European history.

Elizabeth P. McLean, a graduate of the Arboretum School of the Barnes Foundation, is Research Associate in Botany at the Academy of Natural Sciences in Philadelphia and on the boards of the Library Company of Philadelphia (having served as past president) and the Morris Arboretum of the University of Pennsylvania. Her particular expertise is in the Anglo-American horticultural relationships of the eighteenth century. She has written various garden history articles, and is co-author, with architectural historian Mark Reinberger, of the forthcoming *Country Houses and Landscapes of Colonial Philadelphia*.

### POLAR HAYES: The Life and Contributions of Isaac Israel Hayes, M.D.

Douglas W. Wamsley

Vol. 262 - \$75.00 • Cloth  
ISBN: 978-0-87169-262-7



In the mid-nineteenth century as an ambitious young country expanded its horizons westward, Dr. Isaac Israel Hayes, a young physician from an Orthodox Quaker family in the rural farmland of Pennsylvania, turned his eyes to the North. As a member of the harrowing American arctic expedition under the command of Dr. Elisha Kent Kane in search of the lost British explorer Sir John Franklin, Hayes became obsessed with making his own mark in the far northern polar regions. Overcoming tremendous apathy, he organized his own privately funded voyage to the Arctic in 1860, during which he claimed to have reached a 'farthest north' and to have stood on the edge of the fabled "Open Polar Sea," a mythical ice-free zone in the high northern latitudes.

*Polar Hayes* brings to light the complete story of an immensely talented individual who occupied a central position in the cause of Arctic discovery and exploration, and also as a man of public service. Drawing upon Hayes family papers, little-viewed diaries from Hayes's own expeditions, and unpublished primary sources, the story emerges of a remarkable but forgotten explorer, writer, politician and humanitarian who epitomized the rugged and restless spirit of adventure and individualism of nineteenth-century America.

Douglas Wamsley, an independent scholar and attorney who lives in Ridgewood, New Jersey, has written and lectured extensively on the history of nineteenth-century Arctic exploration and its participants.

## CURRENT APS TRANSACTIONS

### THE MOST IMPORTANT CLOCK IN AMERICA

#### The David Rittenhouse Astronomical Musical Clock at Drexel University

Ronald R. Hoppes

Vol. 99, Pt. 2 - \$35 • Paper  
ISBN: 978-1-60618-932-4



Ronald Hoppes always admired the David Rittenhouse astronomical musical clock and over the years he found historical accounts on the clock, but discovered that information on the indications and the mechanical details were absent. During the clock's restoration he had the

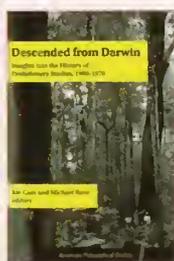
opportunity to examine the movement and list detailed descriptions for each of the clock's various indications and operations. With this book, it is ensured that the clock's mechanical details, previously undocumented and unavailable, will not be lost or forgotten.

Ronald R. Hoppes is a retired Senior Principle Development Engineer who held patents in both the U.S. and Canada. He developed a calculation method that produces planetary gearing with errors of less than 1% in 10,000 years.

### Descended From Darwin: Insights into the History of Evolutionary Studies, 1900-1970

Joe Cain and Michael Ruse (editors)

Vol. 99, Pt. 1 - \$35 • Paper  
ISBN: 978-1-60618-991-7



This volume arises from a symposium held in Philadelphia in October 2004. Scholars convened to focus on the "synthesis" period in evolutionary studies, when fundamental changes

occurred in the discipline. How does recent scholarship change our understanding of the period? How does it alter our sense of connection across the generations? How do activities in evolutionary studies relate with developments elsewhere in biology? The papers presented at the conference both informed an assessment of the state of the history of evolutionary studies and pressed it forward with new and thoughtful scholarship. Collectively, the papers selected for inclusion in the book make a significant, and occasionally provocative, contribution to their field. *Descended from Darwin* has been a labor of devotion for Drs. Joe Cain and Michael Ruse. They make all the collaborators' voices cohere in a unified and logical fashion.

As APS Librarian Martin Levitt writes in the book's preface. This volume, in its thoughtful analysis of the history of understanding of some of the most the fundamental questions of biology, may well have the reader pondering not just the past, but things to come."

### The Long Route to the Invention of the Telescope

Rolf Willach

Vol. 98, Pt. 5 - \$35 • Paper  
ISBN: 978-1-60618-985-6

### The Invention of the Telescope

Albert van Helden

Vol. 67, Pt. 4 - \$30 • Paper  
Original print date 1977; reprinted 2008  
ISBN-10: 0-87169-674-6  
ISBN-13: 978-0-87169-674-8

### Sophie de Grouchy, Letters on Sympathy (1798): A Critical Edition

Karin Brown

Letters translated by James E. McClellan III  
Vol. 98, Pt. 4 - \$35 • Paper  
ISBN: 978-1-60618-984-9

### Raising Kane: The Construction of Dr. Kane, Hero of the Romantic Age

Mark Metzger Sawin

Vol. 98, Pt. 3 - \$35.00 • Paper

ISBN: 978-1-60618-983-2

### Franz Boas and W. E. B. Du Bois at Atlanta University, 1906

Rosemary Lévy Zumwalt

Vol. 98, Pt. 2 - \$35 • Paper

ISBN: 978-0-87169-982-4

WINNER OF THE JOHN FREDERICK LEWIS AWARD FOR 2008

### Alhacen on Image-Formation and Distortion in Mirrors: A Critical Edition, with English Translation and Commentary, of Book 6 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Haytham's Kitāb al-Manāzīr

A. Mark Smith

Vol. 98, Pt. 1 - \$29 each; \$42 set • Paper

ISBN: 978-1-60618-981-8

## LIGHTNING ROD PRESS TITLES

### THE CHINDALI LANGUAGE OF MALAWI - 3 volumes - \$100.00 for set

Volume 1 - *A Chindali and English Dictionary, with an Index to Proto-Bantu Roots*

Robert Botne, in collaboration with Loveness Schafer

ISBN: 978-1-60618-909-2

LIGHTNING ROD PRESS, NUMBER 1  
\$45.00 • Paper

Volume 2 - *A Grammatical Sketch of Chindali, Malawian Variety*

Robert Botne

ISBN: 978-1-60618-910-8

LIGHTNING ROD PRESS, NUMBER 2  
\$35.00 • Paper

Volume 3 - *Narratives of Chindali Life and Culture*

Compiled and analyzed by Robert Botne, in collaboration with Loveness Schafer

ISBN: 978-1-60618-911-5

LIGHTNING ROD PRESS, NUMBER 3  
\$40.00 • Paper

### "TO DO JUSTICE TO HIM & MYSELF":

*Evert Wendell's Account Book of the Fur Trade with Indians in Albany, New York, 1695-1726*

Edited and Translated by Kees-Jan Waterman with linguistic information by Gunther Michelson

ISBN: 978-1-60618-912-2

LIGHTNING ROD PRESS, NUMBER 4  
\$50.00 • Paper



## AMERICAN PHILOSOPHICAL SOCIETY

104 South Fifth Street • Philadelphia, PA 19106-3387

(Tel) 215-440-3425 • (Fax) 215-440-3450

### BOOK ORDERS: Please contact our fulfillment service—

Diane Publishing Co., P.O. Box 617, Darby, PA 19023 (phone 800-782-3833; fax 610-461-6130). Online orders may be sent to orders@dianepublishing.net See our website for recent catalogs and backlist: www.aps-pub.com

Henry Taylor  
 Nancy Terramin  
 Lisa Thackray  
 Louisa Thoron  
 Mr. & Mrs. P. Coleman Townsend  
 Carol Tyler  
 Mr. & Mrs. Christopher Van de Velde  
 Christine Varsalone  
 Julio E. Vassaluzzo, M.D.  
 Liz & Mark Ward  
 Mark Weatherbee  
 Mr. & Mrs. A. Richard Webster  
 Mr. & Mrs. Raymond H. Welsh  
 Mr. & Mrs. Samuel B. Wheeler  
 Mr. & Mrs. Edwin A. Wiggers, Jr.  
 Dr. & Mrs. Peter Wilding  
 Valerie Armstead &  
 Michael Williams  
 Wendy E. Wilson  
 Frances Witte  
 Mr. & Mrs. Richard E. Woosnam  
 Robert Wortman  
 Kathrina Yost  
 Mr. & Mrs. John C. Young  
 Mr. & Mrs. M. Curtis Young  
 Sara P. & Michael V. Yow  
 Marc M. Zaharchuk  
 Terry S. Zane  
 Kathleen E. Zimmerman  
 Christina Zwarz

#### ANNUAL FUND GIFTS

Annual Fund gifts are unrestricted contributions that support PHS's Philadelphia Green program. PHS is grateful to the following members and supporters who participated in the 2008-2009 Annual Fund with gifts of \$100 or more.

#### Gifts of \$10,000 and above

Mr. George C. Ball, Jr.

#### Gifts of \$1,000 to \$9,999

Anonymous  
 Mr. & Mrs. Louis J. Appell, Jr.  
 Mr. & Mrs. Robert H. Asplundh  
 Hildegard S. Boylan  
 Martin McNamara & Thomas Callan  
 Ruth M. & Tristram C. Colket, Jr.  
 Mr. Daniel T. Connelly  
 Mr. & Mrs. Edward W. Coslett, Jr.  
 Mr. & Mrs. Russell H. Crawford  
 Mr. & Mrs. Edward Carroll  
 Driscoll  
 Mr. Jonathan A. Eells  
 Elizabeth B. Farley  
 Mr. Leonard C. Haas  
 Mr. John G. Harkins, Jr.  
 Ms. Rebecca B. Humphrey  
 Ms. Karen Ivory

Mr. and Mrs. Mike Kalogris<sup>T</sup>  
 Mrs. Helen T. Kaufman  
 Mrs. Philip Kind  
 Mrs. John B. Leake  
 Mr. & Mrs. Jerry Lee  
 Joel T. Loeb  
 Mr. John McCann  
 Mr. J. William Mills, III  
 Juliet Goodfriend &  
 Marc Moreau  
 Mr. & Mrs. Benjamin R. Neilson  
 Ms. Barbara O'Brien  
 Patricia Perfect  
 Mr. William H. Rheiner &  
 Ms. E. Carolan Berkley  
 Mr. & Mrs. John R. Ryan  
 Ms. Jean Stark  
 Mrs. George E. Stewart  
 Mr. Donald B. Stott  
 Mrs. Richard J. Walsh  
 Mr. & Mrs. Thomas D. Watkins  
 Dr. & Mrs. Franklin H. West  
 White Flower Farm  
 Frances W. Williams  
 Sinclair Winton

#### Gifts of \$500 to \$999

Margaret McCarvill &  
 Stephen Amadio  
 Mr. & Mrs. Ross L. Campbell  
 Ann M. & William B. Carey  
 Mrs. John Clark  
 Anne & Stephen Cunningham  
 Mr. & Mrs. John de Holl  
 Mrs. Willem Dikland  
 Charlotte T. & Milton A. Feldman  
 Julia & Art Fisher  
 Mr. & Mrs. Armin C. Frank, Jr.  
 Mr. & Mrs. Philip C. Herr 2nd  
 The Gallery at Market East  
 Mr. & Mrs. Austin H. George  
 Sally & George R. Graham, Jr.  
 Mr. & Mrs. John V. Hastings 3rd  
 Ms. Adena Herskovitz  
 Mr. & Mrs. Thomas M. Hyndman  
 Mr. & Mrs. Robert W. Kennedy  
 Mr. & Mrs. William F. Koons  
 Dr. & Mrs. Richard W. Lighty  
 Ms. Nga Mai  
 Marcia Makadon  
 Mr. & Mrs. Richard P. Mellon  
 Mr. & Mrs. Edward A.  
 Montgomery, Jr.  
 Mr. & Mrs. Earl M. Morgan  
 Mrs. Harold M. Peck  
 Quatre Vents Foundation, Inc.  
 Joann Reinsel  
 Mr. & Mrs. David B. Rubenstein  
 Dr. & Mrs. Karl F. Rugart  
 Michael L. Sanyour & Laurada Byers  
 Michael V. Seiden, M.D.  
 Mrs. Jean M. Shepherd

Mr. & Mrs. David S. J. Smith  
 Mrs. Elizabeth T. Taylor  
 Mary Ann Thomas  
 Ms. Ashley Tobin  
 Dr. Ann F. Van Sant  
 Melissa A. & Jason E. Vermillion  
 Mr. & Mrs. Thomas Whitford  
 Dr. & Mrs. Peter Wilding

#### Gifts of \$250 to \$499

Anonymous (3)  
 Ms. Mary Attig  
 Mr. Charles Betancourt  
 Jean G. Bodine  
 Mr. & Mrs. James C. Borel  
 Jeffrey L. Braff & Hope A. Comisky  
 Rebecca W. Rimel & Patrick Caldwell  
 Mrs. Joseph H. Calhoun  
 Mr. Richard A. Colbert  
 Mrs. David Y. Cooper  
 Linda C. Corson  
 Mr. & Mrs. Frank L. Coulson  
 Mr. & Mrs. Gary A. Cox  
 Ms. Patricia Desmond  
 Ms. Marie-Jeanne Dilks  
 Mr. Bernard L. Edelstein  
 Jackquelyn Fabricant  
 Mr. & Mrs. Richard J. Farley  
 Theodore W. Friend 3rd  
 Mr. & Mrs. Francis A. Ganz  
 Mr. Kevin S. Gorman  
 Mr. & Mrs. W. P. Granbery  
 Mrs. Samuel M.V. Hamilton  
 Valerie Arkoosh & Jeff Harbison  
 Quita Woodward Horan  
 Mrs. Natalie D. Horwitz  
 Barbara Y. Juda  
 Mr. & Mrs. Brian T. Keim  
 Mr. Mitchell B. Kowal, Jr.  
 Mr. Robert J. LaRouche  
 Andy & Ann Leonard  
 Mr. & Mrs. Paul Loeb  
 Mrs. John D. Lohmeyer  
 Jane Nicholson Mangrum  
 Carole B. Covert &  
 William J. McMenamin  
 Mrs. Jean P. McDonald  
 Joan C. Rosoff & Russell Meddin  
 Mr. & Mrs. Ryland Mitchell  
 Susanna & Dennis Morikawa  
 Mr. & Mrs. Thomas B. Morris, Jr.  
 Mr. & Mrs. Arthur E. Newbold 4th  
 Beth Ounsworth  
 Jane G. Pepper  
 Mr. Doug Pratt  
 Mrs. & Mr. Seymour S. Preston 3rd  
 Ms. Bonnie Schorske  
 Alan P. Slack  
 The Manuel & Beatrice Sloane  
 Foundation  
 Dean Springman  
 Mrs. W. Laird Stabler, Jr.

Ms. Jean C. Stanfield  
 Mr. Lawrence L. Stier  
 Joanne M. Stretz  
 Mr. John P. Swan  
 Mr. & Mrs. Serge Szortyka  
 Ms. Sharon Tice  
 Ray S. Walker  
 Mr. & Mrs. Robert C. Wallis  
 Mr. & Mrs. Donald W. Weaver  
 Phyllis B. Weisman  
 Mrs. Thomas R. White, Jr.  
 Mr. & Mrs. David R. Wilmerding, Jr.  
 Catherine A. Worrall  
 Mr. Minturn T. Wright 3rd  
 Dr. & Mrs. Robert C. Young  
 Sara P. & Michael V. Yow

#### Gifts of \$100 to \$249

Anonymous (5)  
 Ms. Carole Abercaugh  
 Ms. Veena Aggarwal  
 Mrs. Millicent Allen  
 Kristina Antoniadis, M.D.  
 Mr. & Mrs. A. Joseph Armstrong  
 Mrs. David M. Barclay  
 Mrs. Walter A. Barrows 4th  
 Ms. Hannah J. Bartges  
 Mr. & Mrs. Allen L. Bartlett, Jr.  
 Ms. Grace Beatty  
 Mr. Robert C. Beatty  
 Mr. & Mrs. Philip H. Behr  
 Dorothea H. & Ted Behr  
 Mr. & Mrs. George de B. Bell  
 Mrs. Raul Betancourt  
 Nila G. & Edward H. Betof  
 Mr. & Mrs. John C. Bogle  
 Mr. & Mrs. Charles L. Bolling  
 Mrs. Florence Borda  
 Mr. & Mrs. Nathaniel R.  
 Bowditch  
 Ms. Ellen M. Briggs  
 Charlotte Pennock Brown  
 Mr. John Bullard  
 Mrs. Orville H. Bullitt, Jr.  
 Mr. & Mrs. John Burns  
 Miss Ellen Burr  
 Mr. & Mrs. John Butterworth  
 Ms. Jean Byrne  
 Marian L. Cabott  
 Mr. & Mrs. John Cannon  
 Mr. Lee A. Casper  
 Mr. & Mrs. John R. Caulk 3rd  
 Mr. & Mrs. John L. Cleaver  
 Mr. & Mrs. Isaac H. Clothier 4th  
 Mr. & Mrs. Clifford C. Collings, Jr.  
 Ms. Carol Cook  
 Mr. & Mrs. Paul Csigi  
 Dr. Patricia M. Danzon  
 Mr. & Mrs. Harold M. Davis  
 Mr. & Mrs. Kenneth E. Davis  
 Ms. Patricia A. Davis  
 Mrs. Caroline Dellapenna

# Cattleya-Log™

Catalog your Orchid collection today!

For each plant you have you can track:

- Extensive Details
- Digital Photo Album
- Blooming History
- Journal Entries
- Repotting History
- Cultural Notes
- Medical History
- Book Index
- Pollination History
- much, much more!

Produce reports to take to shows and sales  
Track your Wishlist and favorite Websites too!

Visit [www.cattleyalog.com](http://www.cattleyalog.com) to try it or to buy it

## Systeme Software

215-258-5217

Visa MasterCard Amex  
or use your PayPal Online

**Download: \$49.95**

**CD-ROM: \$59.95**

*Cattleya-Log is the best software  
available for tracking an orchid  
collection of any size.*



Try it out for FREE!

# Waldor Orchids

Just miles from the Jersey Shore and nestled in a quiet residential neighborhood, sits Waldor Orchids, an award-winning, family-owned nursery that's home to some 500,000 orchid plants.

We invite you to visit our Web site at  
[www.waldor.com](http://www.waldor.com)

10 E. Poplar Avenue Linwood, NJ 08221  
Ph (609) 927-4126 Fax (609) 926-0615

Specializing in  
quality orchids for  
80 years.

## Legacy Landscapes

Planting the Future of PHS



Legacy Landscapes is a \$12.1 million campaign to establish an endowment fund to support the horticultural maintenance of civic and neighborhood landscape projects of the Pennsylvania Horticultural Society. For more information please contact the PHS Development Office at 215-988-8800 or visit [www.pennsylvaniahorticulturalsociety.org](http://www.pennsylvaniahorticulturalsociety.org)



The Pennsylvania Horticultural Society

## The Williamsburg Collection

A GARDENSHEDS® EXCLUSIVE



Beautify your landscape with  
Timeless design and  
Uncompromising craftsmanship  
reminiscent of another era.

Our original products are fully  
Assembled, finished, and shipped from  
our Pennsylvania workshop  
To 48 States.

View our entire collection of  
Gardensheds, Greenhouses,  
Screen Houses, Pool Houses, Pavilions,  
Follies, Entry Gates, Estate Planters,  
Bird Houses and Dog Houses.

[www.Gardensheds.com](http://www.Gardensheds.com)  
Toll-FREE: 877-SHEDS-11



LAMBERTVILLE, NJ

Mr. & Mrs. Arnold E. Denton  
 Melissa A. DeRuiter  
 Ms. Joanne L. Diamond  
 Mr. & Mrs. Karl Dietrich  
 Marc Dinardo & Elizabeth Drum  
 Mr. & Mrs. Edwin C. Donaghy, Jr.  
 Mrs. J. David Donahower  
 Mr. Lee J. Downs  
 Hon. & Mrs. Robert W. Duemling  
 Mrs. William J. Erdman 2nd  
 Mr. & Mrs. William Ewing  
 Mr. & Mrs. Joseph N. Ewing, Jr.  
 Ms. Grace Feely  
 Rosina Feldman  
 Irma M. Feldman  
 Mrs. Thomas Fleming  
 Mr. Mark Focht  
 Mr. & Mrs. Constantine Fournaris  
 Drs. Barbara & Leonard Frank  
 Mr. & Mrs. Kenneth Frank  
 Mr. & Mrs. Robert Freeman  
 Joanna K. Griffith Gabel  
 Dr. & Mrs. Thomas Gabuzda  
 Mrs. C. S. Ganoë\*  
 Mrs. Carol Ware Gates  
 W. Thomas Gehrt  
 Mr. & Mrs. William Y. Giles  
 Mr. Robert Goldenberg  
 Mrs. Edward J. Goodman\*  
 Mr. & Mrs. Herbert Goodrich  
 Mrs. John Gould  
 Mr. & Mrs. Charles D. Graham, Jr.  
 Mrs. Herman K. Grange  
 Mr. Michael Hardy &  
 Mr. Barry Grossbach  
 Margaret R. Grosskurth  
 Ms. Susan Hale  
 Mr. Harry J. Hanchar  
 Mr. & Mrs. Robert S. O. Harding  
 Barbara J. Hare  
 Mr. & Mrs. Harry J. Harp  
 Mr. & Mrs. J. Barton Harrison  
 Mr. & Mrs. John S. C. Harvey 3rd  
 Alice & Peter Hausmann  
 Mr. & Mrs. Richard E. Heckert  
 Dr. Patricia Griffin &  
 Dr. K. Heilbrun  
 Mr. Wesley M. Heilman 3rd  
 Mr. & Mrs. Walter Hellendall  
 Mrs. J. Welles Henderson  
 Mr. & Mrs. Gerhardt Herbert  
 Mr. & Mrs. Harry E. Hill  
 Mr. & Mrs. Stephen A. Hinds  
 Mr. & Mrs. Harold A. Honickman  
 Ms. Maureen Horesh  
 Mr. John T. Hovatter  
 Mr. & Mrs. Howard E. Hudson, Jr.  
 Francis J. Hughes  
 Mr. & Mrs. Jon E. Ingersoll  
 Mrs. I. Grant Irely, Jr.  
 Alan M. Jaffe  
 Ms. Christine-James  
 Ms. Lynn Jarke

Mr. & Mrs. Raymond B. Jewell  
 Mr. & Mrs. Hugh McB. Johnston 3rd  
 Robin Lerner & James Jolinger  
 Mr. Anthony J. Juestrich  
 Dr. & Mrs. Jerry M. Kaplan  
 Mr. & Mrs. Brian T. Keim  
 Adele C. Keogh  
 Mr. & Mrs. James N. Kise  
 Ms. Chela R. Kleiber  
 Josephine Klein  
 Ms. Helen R. Kohler  
 Evelyn S. Kritchevsky  
 Mary Ellen Krober  
 G. Clayton Kyle, M.D.  
 Mrs. Ena Lebel  
 Mr. & Mrs. Thomas V. Lefevre  
 Mrs. George J. Lincoln 3rd  
 Mr. & Mrs. Philip E. Lippincott  
 Mr. Thomas Lloyd  
 Dr. & Mrs. W. Thomas London  
 Toney Lucas, Jr.  
 Mr. Scott Magargee  
 Ms. Carol Manicone  
 Mr. & Mrs. Sheldon B. Margolis  
 Col. & Mrs. Thomas M. McCabe  
 Mr. & Mrs. Christopher  
 McCutcheon  
 Lynda & Michael McClary  
 Dr. & Mrs. Alexander McCurdy 3rd  
 Mrs. Ellice McDonald, Jr.\*  
 Ms. Rosemary McGeary  
 Mr. Dennis C. McGlade  
 Sandra L. McLean  
 Mr. & Mrs. Donald W. McPhail  
 Mr. & Mrs. Paul M. Mecray 3rd  
 Matthew H. Meyers  
 Mr. & Mrs. George J. Miller  
 Anna & David Mindel  
 Mr. & Mrs. David A. Mink  
 Mrs. Barbara W. Moore  
 C. J. Moore  
 George W. Moore  
 Mr. & Mrs. George N. Morris  
 Mrs. Georgette M. Most  
 Mrs. Sylvia Myers  
 Mr. & Mrs. Leigh P. Narducci  
 Janneke Seton Neilson  
 Mr. & Mrs. Howard M. Neukrug  
 Mr. Scott Obenshain  
 Mr. Walter Off  
 Mary Jo Kiffney & William O'Neill  
 Mr. & Mrs. Richard B. Owens  
 Dr. Geraldine S. Paier &  
 Mr. Adolf A. Paier, Jr.  
 Mr. Stephen T. Janick &  
 Mr. Russell E. Palmer 3rd  
 Christina & Douglas Pappajohn  
 Ms. Carol L. Parsons  
 Dr. Lee Horne &  
 Mr. Bruce Pearson  
 Mr. & Mrs. Robert McCracken Peck  
 Hon. & Mrs. Richard A. Powers 3rd  
 Mrs. Robert T. Powers

Lilly Pulitzer  
 Dr. Edward C. Raffensperger  
 Ms. Kim F. Rainey  
 Ms. Linda Rameriz  
 Dr. & Mrs. Peter Randall  
 Mr. & Mrs. Richard S. Ravenscroft  
 Dr. Mary R. W. Reardon  
 Anna K. Reimann  
 Mr. & Mrs. Ron Remick  
 Mr. & Mrs. Michael D. Rhoads  
 Geoffrey K. Ries  
 Mr. & Mrs. Phelps T. Riley  
 Mrs. Brooke Roberts  
 Maria Frizelle Roberts  
 Mr. & Mrs. Eduardo C. Robreno  
 Ms. Grace S. Rose  
 Christine Y. Rother  
 Ms. Livia M. Salandria-Corman  
 Ms. Carol Ann Sangtinette  
 Ms. Mary Christine Santora, M.D.  
 Mr. & Mrs. Ralph S. Saul  
 Mr. & Mrs. Harold G. Schaeffer  
 Mr. G. Craig Schelter  
 Miriam Galster & Geoffrey Schulz  
 Dr. & Mrs. Alfred E. Schuyler  
 Mrs. Frank S. Schwarz  
 Mrs. Anne Sclufer  
 Mr. & Mrs. Jonathan D. Scott  
 Ms. & Mr. Mary Ellen Scott  
 Mr. & Mrs. William Scott 3rd  
 Mr. & Mrs. John H. Shain  
 Alice M. Sharp  
 Mr. & Mrs. Robert Sharrar  
 Mr. Lee Shipman  
 Ms. Robbin Smart  
 Mr. Joseph Soprani  
 Mr. Boyd L. Spahr 3rd  
 Mr. & Mrs. C. Stewart W. Spahr  
 Mr. & Mrs. William T. Spane  
 Mr. & Mrs. Robert V. Spires  
 Jody A. Sprague  
 Dr. David Springer &  
 Dr. Pam Rootenberg  
 Helen M. Stailey  
 Ms. Joan Staley  
 Mrs. Edward Starr 3rd  
 Mrs. Dorothy Stevens  
 Ms. Janet Stevens  
 Ms. Phyllis Stickney  
 Ms. Elizabeth Stoppe  
 Mr. John Stouffer  
 Mr. & Mrs. Theron J. Strenk  
 Mr. & Mrs. Newbold Strong  
 Mr. & Mrs. James F. Sutor  
 Helen L. Swain  
 Maureen Tate  
 Mr. Edward Tawyea  
 Rev. Phyllis Taylor  
 Mr. & Mrs. Richard W. Thatcher, Jr.  
 Natalie & Wayne Thomas  
 Ms. Isobel A. Thompson  
 Elizabeth B. Twaddell  
 Mr. & Mrs. Christopher Van de Velde

Mr. & Mrs. Joseph Vincent  
 Mr. Reuben Wade & Ms. Janice Smith  
 Cynthia W. Wallace  
 Mr. Clifford E. Warfield  
 Ms. Kate Wartchow  
 Ms. Susan Wasserkrug  
 Mr. Steven Wat  
 Mrs. Barbara Waters  
 Mr. & Mrs. Harold J. Whartnaby  
 Mr. & Mrs. Samuel B. Wheeler  
 Mrs. Robert W. Wigton, Jr.  
 Mrs. Keturah Williams  
 Mrs. W. Cooper Willits\*  
 Dr. Barbara Wolf  
 Mr. & Mrs. Thomas E. Wood  
 Mr. & Mrs. Patrick Woods  
 Mr. Charles Woodward  
 Mr. & Mrs. George C. Woodward  
 Mr. & Mrs. John C. Young  
 Mr. Askold V. Zagars  
 Carol Dutil & Joanne Zimmerman  
 Kathleen Zimmerman

#### TRIBUTE GIFTS

**In Honor of Kathryn Andersen**  
 Mr. & Mrs. Martin Mand &  
 Family

**In Honor of Rebecca Campbell**  
 Ms. Karen Rogers-Lee

**In Honor of Jim & Caroline  
 Coleman and Green City Youth**  
 Mr. & Mrs. Peter Coleman

**In Honor of Mrs. Samuel M.V.  
 Hamilton**  
 Mr. John D. Weeden &  
 Mr. David Davies

**In Honor of the 225th  
 Anniversary of the D. Landreth  
 Seed Company**  
 Mr. & Mrs. Charles B. Landreth

**In Honor of Mr. & Mrs. Spencer  
 Manthorpe's 50th Anniversary**  
 Mr. & Mrs. Roger S. Arnold  
 Mrs. M. Sharon Kreitzberg

**In Honor of Maureen McTamney**  
 Ms. Wendy Lenhart<sup>T</sup>

**In Honor of Mr. & Mrs.  
 Mario Mele**  
 Hon. Pamela Dembe

**In Honor of Jane Pepper**  
 Mrs. William R. Dimeling  
 Mrs. John K. Knorr 3rd

**In Honor of Ann Reed &  
 Jane Ruffin**  
 Mr. and Mrs. John H. Moore, Jr.<sup>T</sup>

## GREEN GIANT

Alternative Leyland Cypress &  
New England's Dying Hemlocks

[www.BOTANYSHOP.com](http://www.BOTANYSHOP.com)



Thuja X 'Green Giant'

- New USDA Release
- Pennsylvania Gold Medal
- Tough, Fragrant, Tall, Skinny Evergreen
- Deer, Bagworm & Disease Resistant
- Fast Growing 3' to 5' /Year
- Zones 5-9

Plant all Summer.  
Potted. Thornless Blackberries  
and Raspberries.  
New Polka Raspberry  
\*High Yield \* Everbearing



[www.knockoutroses.com](http://www.knockoutroses.com)

Now Introducing  
Disease Resistant American Elms



Jefferson American Elm



Princeton American Elm

Botany Shop Garden Center  
Joplin MO  
(888) 855-3300

Call for information and shipping arrangements



*Personally Designed Unique Garden Structures!*

- ✦ Distinctive in Design
- ✦ Outstanding in Appearance
- ✦ Superior in Quality

*GalaMont*  
Great Places Great Times

877•350•3551  
[www.galamont.com](http://www.galamont.com)  
[sales@galamont.com](mailto:sales@galamont.com)



Make the most of every season  
with a Burke Brothers landscape.



**BURKE**  
**BROTHERS**  
Landscape Design / Build  
215.887.1773

[burkebrothers.com](http://burkebrothers.com)

**In Honor of Alan Slack's 80th Birthday**

Julia &amp; Art Fisher

**In Honor of Lisa Whiteley**Ms. Jane Watson<sup>T</sup>**In Memory of James Balester**Miss Erin Budinas<sup>T</sup>**In Memory of Peter Cain**

Mrs. Cain's 5th Grade Class

**In Memory of John W. Causey**Mr. and Mrs. Mike Kalogris<sup>T</sup>**In Memory of Heather Cici**Ms. Bernadine Weaver<sup>T</sup>**In Memory of Anne Finkbiner**Dr. William H. Annesley, Jr.  
Mr. & Mrs. Frank J. Glaser  
William Soens**In Memory of Douglas Hansen**Ms. Diane Pritchard<sup>T</sup>**In Memory of Kay Nicholson**

Moorestown Garden Club

**In Memory of Helen W. Nowell**

Dr. Peter C. Nowell

**In Memory of Louise Anne Pandolfi**Mr. and Mrs. Mike Kalogris<sup>T</sup>**In Memory of Leonard Pell**

Reimel Machine

**In Memory of Peta Raabe**Agoos/Lovera, Ted Agoos,  
David Franke, Jorge Lovera,  
James Rowe  
Mr. & Mrs. Richard Agrin  
Becker & Frondorf,  
William Becker &  
John Frondorf  
BLT Architects, Victor Antes  
Mr. William Boyce  
Ms. Elisabeth Doolan  
Mr. & Mrs. James L. Dunlap  
Ms. Shelly Z. Green &  
Mr. Michael L. Golden, Jr.  
Ms. Barbara Darhun Grabias  
Ms. Linda A. Jacobs  
Mr. & Mrs. Martin A. Kotler  
Mr. Mark Kressel  
Mr. & Mrs. John Ku  
Yvette Pigeon & Fred Lager  
Mr. & Mrs. Jacob Leisenring  
The Lighting Practice,  
Helen DiemerMarvin Waxman Consulting  
Engineers, Inc.

Ms. Elizabeth Masters

Ms. Susan Maxman

Mr. &amp; Mrs. Dennis O'Donnell

Philadelphia Academies, Inc.

Mr. Richard E. Quandt

Drs. Howard &amp; Donna Sudak

Mr. &amp; Mrs. Brad Thornton

Mr. Anthony Tomasello

Mr. Eric H. Weinberger

Mr. &amp; Mrs. Roy Yaffe

Ms. Pamela H. Zimmerman

**In Memory of Lawrence Mark Richards**

Ms. Sandra Miller

**In Memory of Janet Sandoz**

Mrs. Susan T. Moore

**In Memory of Belle Courtney Schwieber**

Dr. &amp; Mrs. James E. Bates

**In Memory of Genevieve Skindeleski**Mr. & Mrs. Mike Kalogris<sup>T</sup>**In Memory of Jane H. & John A. Walker**

Estate of Jane H. Walker

**CORPORATIONS,  
FOUNDATIONS, AND  
OTHER ORGANIZATIONS  
Education**Chanticleer Foundation  
Pennsylvania Lumbermens  
Mutual Insurance Company  
United States Department of  
Agriculture, Forest Service**Youth Initiatives**Anonymous  
Bank of America Foundation  
The Bennett Family Foundation  
The Burpee Foundation  
The Connelly Foundation  
GlaxoSmithKline Foundation  
The Hamilton Family Foundation  
The Rosenlund Family Foundation**Philadelphia Green**ACE INA Foundation  
The Barra Foundation, Inc.  
Berwind  
Louis N. Cassett Foundation  
City of Philadelphia, Office of Housing  
and Community Development  
Delaware Valley Regional  
Planning Commission  
Endo Pharmaceuticals  
Samuel S. Fels FundThe Horace W. Goldsmith  
Foundation

The Home Depot Foundation

Independence Foundation

Keep America Beautiful, Inc.

The Christian R. &amp; Mary F.

Lindback Foundation

Local Initiatives Support

Corporation (LISC)

Losam Fund

The McLean Contributionship

PA Department of Environmental

Protection, Coastal Zone

Management

The William Penn Foundation

Raynier Institute &amp; Foundation

Smith &amp; Hawken

Ruth &amp; A. Morris Williams, Jr.

**City Harvest**

The Burpee Foundation

City of Philadelphia, Philadelphia

Prison System

Claneil Foundation, Inc.

The Albert M. Greenfield

Foundation

The Forrest C. &amp; Frances Lattner

Foundation, Inc.

**Parks Revitalization**

Alliance for Community Trees

The Boeing Company

Enterprise Rent-A-Car

Foundation

Fairmount Park Conservancy

Walter J. Miller Trust

The William Penn Foundation

Philadelphia Insurance Companies

**Public Landscapes**

Diversified Search, Inc.

Dolfinger-McMahon Foundation

The Pew Charitable Trusts

PricewaterhouseCoopers LLP

Stradley Ronon Stevens &amp; Young

Thomas Properties Group

**TreeVitalize**

Aqua Pennsylvania, Inc.

City of Philadelphia

CoActiv Capital Partners, Inc.

Office of Representative Dwight Evans

Fairmount Park Commission

Healthcare Leadership Network

of the Delaware Valley

PA Department of Environmental

Protection

PECO, an Exelon Company

Pennsylvania Community Forestry

Council

The Philadelphia Committee of

the Garden Club of America

TreeLink

United States Department of  
Agriculture, Forest Service  
The Vanguard Group**Vacant Land and Stormwater  
Management**

City of Philadelphia

City of Philadelphia, Office of Housing

and Community Development

East Falls Development Corporation

PA Department of Conservation

and Natural Resources

Philadelphia Water Department

US Department of Housing and

Urban Development

**2009 Flower Show**

PA Department of Community

and Economic Development

Margaret Dorrance Strawbridge

Foundation of Pennsylvania II

**Matching Gift Companies**

Bank of America, N.A.

FMC Corporation

General Electric

GlaxoSmithKline Foundation

Goldman Sachs &amp; Co.

INAMAR

Lincoln Financial Group

Merck Partnership for Giving

Morgan Stanley Investment

Management

The Pew Charitable Trusts

PNC Financial Services Group

Prudential Foundation

SAP Matching Gift Program

Susquehanna Partners, GP

The Vanguard Group, Inc.

Verizon

The William Penn Foundation

**Garden Clubs**

Anonymous

The Gardeners

The Garden Club of Bala Cynwyd

Garden Club of Princeton

Huntingdon Valley Garden Club

Moorestown Garden Club

The Providence Garden Club

Random Garden Club

Swarthmore Garden Club

Twin Valleys Garden Club

The Weeders

**ELIZABETH S. SCHAFFER  
SOCIETY FOR PLANNED  
GIVING**

Anonymous (5)

Jane Wallace Alling

Mrs. Joel Z. Bachman

Dorothea &amp; Ted Behr

Jean G. Bodine  
James Tyson Carson  
Mrs. John E. Hopkins  
Anne B. Kellett  
Margaret A. Kregel  
Mr. & Mrs. Richard Haughton  
Livesey 3rd  
Elizabeth P. McLean  
Jane G. Pepper  
Alan P. Slack  
John P. Swan  
Curtis Thomsen, Ph.D., *in loving  
memory of Alice Thomsen*  
Phyllis G. Williams

## 2009 PHILADELPHIA FLOWER SHOW

### Flower Show Sponsors

PNC, Presenter  
Subaru of America, Inc.,  
Premier Sponsor  
6ABC, WPVI-TV  
ACME Markets  
ARAMARK  
Bartlett Tree Experts  
EP Henry, Official Supplier of  
Hardscaping  
Italia, Italian Government  
Tourism Board  
Mantis  
PECO, an Exelon Company  
PHL Philadelphia International  
Airport  
Tourism Ireland

### Promotional Partners

Antinori Wines & Ste. Michelle  
Wine Estates  
Ayala's Herbal Water  
The Academy of Vocal Arts  
Cabot Creamery  
Chef Joseph E. Shilling  
Clif Bar & Company  
Crowne Plaza  
Delaware Valley Wholesale Florist, Inc.  
Girl Scouts of Eastern Pennsylvania  
Herr Foods, Inc.  
International Culinary Academy at  
The Art Institute of Philadelphia  
Jacobs Music  
Pennsylvania Liquor Control Board  
Southwest Airlines  
Stash Tea  
Walkers Shortbread

### Preview Party Benefactors

*Dinner Reception*  
Mr. & Mrs. John L. Asher, Jr.  
Mr. & Mrs. William J. Avery  
Elinor & John Ball  
Ballard, Spahr, Andrews &  
Ingersoll, LLP  
Paul Redman & Dean Berlon

Diane Newbury & Steven Berman  
Mr. & Mrs. Thomas H. Bown 2nd  
Mr. & Mrs. John E. Burrows, Jr.  
Mr. Anthony Cerone  
Albert T. Chadwick  
Cynthia & Morris Cheston  
Sarah & Frank Coulson  
Mr. & Mrs. Carl E. Dranoff  
Dr. & Mrs. Joseph L. Eremus  
Mr. & Mrs. William K. Gano, Jr.  
The Glenmede Trust Company, N.A.  
Carole Haas Gravagno &  
Emilio Gravagno  
Chara C. & John C. Haas  
Mr. & Mrs. Paul C. Heintz  
Reneé & David P. Henry  
Mr. & Mrs. Griffith W. Hughes  
Independence Blue Cross  
Josephine Klein  
Berton & Sallie Korman  
Mr. & Mrs. Ted S. Lodge  
Mr. & Mrs. Charles N. Marshall  
Mr. & Mrs. David G. Marshall  
Barbara E. & Howard L. Meyers  
Karen & Handsel B. Minyard  
Jane G. Pepper  
Pennsylvania Lumbermens  
Mutual Insurance Company  
Mr. & Mrs. R. Anderson Pew  
Public Financial Management, Inc.  
Allen J. Simpson  
Paula & Mark Solomon  
Dr. & Mrs. Frank Szarko  
Mr. & Mrs. Paul Thompson 3rd  
Triumph Group  
Urban Engineers, Inc.  
Mr. & Mrs. Harold J. Whartnaby  
Leslie Miller & Richard Worley  
Mr. & Mrs. Joseph S. Zuritsky

### Cocktail Reception

Accenture LLP  
Mr. & Mrs. Harris C. Aller, Jr.  
Mary Stengel Austen &  
Peter Austen  
Mr. & Mrs. Thomas L. Bennett  
Mrs. Alice J. Boeshore  
Mr. & Mrs. Norman U. Cohn  
Ruth M. & Tristram C. Colket, Jr.  
Dr. & Mrs. Lawrence W. Davis  
G. Morris Dorrance, Jr.  
Mr. & Mrs. Edward Carroll  
Driscoll  
Elizabeth S. & Michael E.  
Drummond  
Gov. & Mrs. Pierre S. du Pont  
Mr. & Mrs. Donald L. Felley  
Mr. & Mrs. Michael A. Fernandez  
Elizabeth H. Gemmill  
Eileen & James Hagerty  
Mrs. Samuel M.V. Hamilton  
Mr. & Mrs. Nathan Hayward 3rd  
Mr. & Mrs. Robert W. Kennedy

Elizabeth & Bill McLean  
Mr. & Mrs. Peter F. Minan  
Martha Hamilton &  
I. Wistar Morris 3rd  
Mrs. Harry R. Neilson, Jr.  
Jerry Palmer, Jr.  
Mr. & Mrs. Seymour S. Preston 3rd  
Ann & Frank Reed  
Mr. & Mrs. Henry F. Reichner  
Margaret M. Sadler  
Mr. & Mrs. Joseph T.  
Sebastianelli, Sr.  
Mr. & Mrs. Francis R.  
Strawbridge 3rd  
Mr. & Mrs. Brian P. Tierney

### Preview Party Patrons

*Dinner Reception*  
Dr. Bernard Anderson &  
Ms. Charley Moore  
ARAMARK  
Ashbridge Investments  
Management, LLC  
Mr. & Mrs. John R. Bartholdson  
Gus & Jenny Rose Carey  
The Caterina de' Medici  
Gastronomic Society  
Nancy S. Coates  
Cooke & Bieler  
Mr. & Mrs. J. G. Cooney, Jr.  
Mrs. Carol Ware Gates  
Lisa M. Gemmill  
Henry L. & Anna Marie Good  
Robin M. Potter & Peter G. Gould  
Mr. & Mrs. A. John Gregg  
Mr. & Mrs. Richard Hansen  
Dr. & Mrs. James Pennock  
Harrison  
Mrs. Charles J. Kenkelen  
Mr. & Mrs. Mark B. Kennedy  
Josephine Klein  
Mr. & Mrs. John Korman  
Mr. Stanley Kovak  
Mr. & Mrs. Frank H. Mustin  
Northstar Advisors  
Philadelphia International  
Advisors, L.P.  
Mr. & Mrs. Kurt J. Schneider  
Alan P. Slack  
Mr. & Mrs. Stephen D. Steinour  
Mr. & Mrs. Randy Updyke  
White & Williams LLP  
Florence Wisn  
  
*Cocktail Reception*  
Ms. Carol Ashton-Hergenhan  
Lloyd & Thacher Brown  
Ruth M. & Tristram C. Colket, Jr.  
Mr. & Mrs. Rodney D. Day 3rd  
Hon. & Mrs. Robert W.  
Duemling  
Mrs. J. Welles Henderson  
Mr. & Mrs. L. George Henisee, Jr.

Mr. & Mrs. Carl Kennedy  
Mr. & Mrs. Daniel M. Kristol  
Jane Nicholson Mangrum  
Mr. & Mrs. Peter C. Morse  
Mrs. William C. Roxby, Jr.  
Ms. Judith Ruse  
Penelope P. Wilson

### Preview Party Contributors

Joan L. Bachman  
Mr. & Mrs. Paul Baker Bartle  
Mrs. George P. Bissell, Jr.  
Mr. & Mrs. Nathaniel R.  
Bowditch  
Mrs. Theodore R. Butz  
Mr. & Mrs. Andrew J. Camerota  
Coltman Family Foundation  
Denise & Henry Delicata  
Mr. & Mrs. Gerald L. Hempt  
Dr. & Mrs. Mark A. Kelley  
Dr. Don Klotz, Jr.  
Gary Koller  
Ms. Ana Maria Lenfest  
Allan M. McLeod  
Angel & Ernest Milou  
Joseph A. Minott, Jr.  
Mrs. John P. Mulroney  
Mr. & Mrs. Britton H. Murdoch  
Dr. & Mrs. J. Brien Murphy  
Mr. & Mrs. Stephen C. Muther  
Mr. & Mrs. Steven M. Oblack  
Lidie V. Peace  
Mr. & Mrs. James A. Purviance  
Col. & Mrs. Henry H. Reichner, Jr.  
Sisters of Mercy of the Americas  
Mr. & Mrs. James F. Swartz, Jr.  
Mr. & Mrs. Leonard A. Sylk  
Timothy & Sandra Weckesser

### AZALEA GARDEN PARTY Sponsors

Fairmount Park Commission  
Subaru of America, Inc.

### Azalea Garden Party In-Kind Gifts

76 Carriage Company  
Albertson Cooking School  
Mr. & Mrs. Hugh Anderson  
Antinori Wines & Ste. Michelle  
Wine Estates  
Apple Vacations  
Artisans 3 Gallery  
Bartram's Garden  
Bohemian Crafts  
D-J & J. Howard Brosius  
Marilyn O. Sifford &  
Robert J. Butera  
The Camera Shop – Bryn Mawr  
Chamaeleon  
Chestnut Hill Cheese Shop  
Cynthia & Morris Cheston  
Children's Clothing Patch  
City Cleaning Co.  
Cobblestones

The Crayola Factory  
 Joanne R. Denworth  
 Drexelbrook  
 East Falls Glassworks  
 Dr. & Mrs. Joseph L. Eremus  
 Evie Barbour  
 Feast & Fancy, Inc.  
 Four Seasons Hotel, Philadelphia  
 Franco's Trattoria  
 Frames & Company  
 Sally & George R. Graham, Jr.  
 Greener Partners  
 Hershey Gardens  
 Suzanne D. Hill  
 Ann D. Hozack  
 Stephanie & Daniel W. Ingersoll  
 Jackie's Hat Box  
 Jason Matthew Salon  
 Linda Golden  
 Longwood Gardens, Inc.  
 Conni & Desmond McDonnell  
 Metropolitan Bakery  
 Karen & Handsel Minyard  
 Barbara Morgan Interiors  
 Molton Brown  
 Alicia & Jeffrey S. Payne  
 Pennsylvania Ballet  
 People's Light & Theatre  
 Company  
 Jane G. Pepper  
 Philadelphia Brewing Company  
 Philadelphia Flower Show Garden Tea  
 Philadelphia Flower Show Preview  
 Reception & Dinner  
 The Philadelphia Orchestra  
 The Philadelphia Phillies  
 Pilgrim's Rest Bed & Breakfast  
 Lilly Pulitzer  
 Rose Lane Cottage  
 Dr. & Mrs. Haas Shafia  
 Southwest Airlines Co.  
 Touché Accessories  
 Tselaine  
 Valley Forge Flowers  
 Vineyard Vines  
 Walnut Street Theatre  
 Liz & Mark Ward  
 Waterworks Restaurant  
 Mr. & Mrs. Samuel B. Wheeler  
 Yoga Schelter  
 Marc. M. Zaharchuk

**Benefactors**

Mr. & Mrs. Hugh Anderson  
 Nancy Winkler & John Bryan  
 Cynthia & Morris Cheston  
 Linda A. Galante, Esq. &  
 John J. Colussi  
 Mr. & Mrs. Edward M. D'Alba  
 Maude de Schauensee  
 G. Morris Dorrance, Jr.  
 Mr. & Mrs. Edward Carroll  
 Driscoll

Dr. & Mrs. Joseph L. Eremus  
 Mr. & Mrs. Donald L. Felley  
 Mrs. Samuel M.V. Hamilton  
 Mr. & Mrs. Harry E. Hill  
 Dr. & Mrs. Jerry M. Kaplan  
 Berton & Sallie Korman  
 Ivy Silver & Steven Leshner  
 Marcia Makadon  
 Mr. & Mrs. Charles N. Marshall  
 Charles W. Nichols, M.D.  
 Mr. & Mrs. Dale Panzer  
 Jane G. Pepper  
 Dr. & Mrs. Hass Shafia  
 Mr. & Mrs. Samuel B. Wheeler

**GIFTS TO THE****McLEAN LIBRARY**

Mr. Anthony S. Aiello  
 Ms. Jane Wallace Alling  
 Kristina Antoniadis, M.D.  
 Mr. Roy Bernat  
 Betsie Blodgett  
 Jean G. Bodine  
 Ms. Carrie Borgenicht  
 Shirley DeBobs Braverman  
 D-J & J. Howard Brosius  
 Mr. & Mrs. Robert D. Chapman  
 Mrs. Henry Conroy  
 Donna Corbin  
 Linda C. Corson  
 Ms. Denise Cowie  
 Ms. Rita Marie Dennis  
 Ann T. Driscoll  
 Mr. & Mrs. Donald F. Duclow  
 Mr. & Mrs. John C. Freeman  
 Ms. Jane Gourley  
 Mr. Eric Henson  
 Institute of Museum and  
 Library Services  
 Mr. Daniel Kalk  
 Ms. Chela R. Kleiber  
 Ms. Barbara Jane Land  
 Mr. & Mrs. Sam Lemheney  
 Mr. & Mrs. Greg Looney  
 Patricia James & Karin McGowan  
 Mr. Michael McGrath  
 Ms. Anne Somers Morley  
 Mrs. Leslie C. Morris-Smith  
 Mr. Pete Prown  
 Ms. Jessica Reyes  
 Ms. Jude Robison  
 Mrs. Richard H. Rosenberg  
 Ms. Susan C. Saltzman  
 Mr. Carl Schwarzler  
 Ms. Leslie M. Simon  
 Mr. & Mrs. Corey R. Smith  
 Ms. Julie Snell  
 Ms. Jocelyn Thayer  
 Mary Ann Thomas  
 Viking Studio  
 Ms. Carolyn G. Walker  
 Mr. & Mrs. Peter Wallace

Winona F. Wise  
 Teresa & Kenneth Wood  
 Workman Publishing Company -  
 Library Sales & Marketing  
 Mr. Minturn T. Wright 3rd  
 Mr. Askold V. Zagars

**GIFTS IN KIND**

Ms. Carole Abercaugh  
 Askey Landscapes  
 Harold Plough & A. P. Atwood  
 Balance Health Center  
 Bar Ferdinand  
 Birmingham Gardens  
 Colonial Gardens  
 Conard Pyle Co.  
 Cumberland Nurseries  
 Delaware Valley Wholesale Florist, Inc.  
 Dhyana Yoga  
 Douglas Law  
 Earth Bread + Brewery  
 Essene Market  
 Farm to City  
 Fernbrook Nursery, Inc.  
 Four Worlds Bakery  
 Greenable  
 Herbal Water, Inc.  
 Herr Foods, Inc.  
 J. Frank Schmidt Nurseries  
 Joe Coffee Bar  
 Mantis  
 Moon Site Management  
 Morris Arboretum of the  
 University of Pennsylvania  
 Mostardi Nursery  
 Municipality of Norristown  
 PA Department of Conservation  
 and Natural Resources  
 Philadelphia Brewing Company  
 Philadelphia Community  
 Acupuncture  
 Pleasant Run Nursery  
 PLNA  
 Primex Garden Center  
 Reiki School and Clinic  
 of Philadelphia  
 Schiller-Pfeiffer, Inc.  
 Smith & Hawken  
 Melissa A. & Jason E. Vermillion  
 West Chester University  
 Whole Foods Market, South Street  
 Winona F. Wise

**2008 PLANT DIVIDEND****Organizational Donors**

The Andalusia Foundation  
 The Arboretum of the  
 Barnes Foundation  
 Birmingham Gardens  
 Blue Sterling Nursery  
 Breezy Hill Nursery &  
 Greenhouse

Brushwood Nursery  
 Chanticleer Foundation  
 Conard-Pyle Co.  
 Create a Scene, Inc.  
 Devereux Industries Greenhouse  
 Falcon Turn Daylily Garden  
 Jerry Fritz Garden Design Inc.  
 Jenkins Arboretum  
 Groff's Plant Farm  
 Haverford College Arboretum  
 Hedera Etcetera  
 Longwood Gardens, Inc.  
 Marano Gardens, LLC  
 Martin's Greenhouse  
 Meadowbrook Farm  
 Morris Arboretum of the  
 University of Pennsylvania  
 Mostardi Nursery  
 Mt. Cuba Center, Inc.  
 Mutschlers' Florist & Rare Plants  
 Natural Landscapes Nursery  
 North Creek Nurseries  
 Pleasant Run Nursery  
 Primex Centers Inc.  
 Rare Find Nursery  
 Russell Gardens Wholesale, Inc.  
 Scott Arboretum of  
 Swarthmore College  
 Stephen's Garden Creations, Inc.  
 Still Pond Nursery  
 Stoney Bank Nursery  
 Triple Oaks Nursery  
 Valentine Gardens  
 Winterthur Museum and  
 Gardens, Gardens Department  
 Wolf Run Nursery Landscapes  
 Yellow Springs Farm

**Individual Donors**

Mr. & Mrs. William S. Aiken  
 Mr. & Mrs. Paul L. Alberti  
 Dr. & Mrs. Marvin V. Andersen  
 Dr. & Mrs. Gerald S. Barad  
 Mr. & Mrs. Roy Blanchard  
 Hazel Bliss  
 Robert J. Butera &  
 Marilyn O. Sifford  
 Gus & Jenny Rose Carey  
 Dr. Noel Cawley  
 Ms. Samuella Cohen  
 Mr. & Mrs. Barry Cyphers  
 Michael Martin Mills &  
 Randy Dalton  
 Mr. & Mrs. Dante D'Antonio  
 Mr. & Mrs. Murdoch Davis  
 Ms. Esther Gallucci  
 Dr. Susan Gisser, M.D.  
 Ms. Elizabeth G. Gullan  
 Mrs. Joan T. Haas  
 Ms. Janet Hall  
 Mr. John Harper  
 Ms. Kathleen Harvey  
 Mr. Thomas Hawkins

Mr. & Mrs. Edwin F. Hearn  
 Anne & Morris Kellert  
 Mr. & Mrs. Roy Knight  
 David Guleke &  
 Randall Kobetich  
 Margaret A. Krengel  
 Mr. Adam Levine  
 Ms. Pamela Lewis  
 Mr. Michael LoFurno  
 Mr. & Mrs. Edwin D.  
 MacFarland, Jr.  
 Ms. Beth MacMillan  
 Mrs. Gerald J. McConomy  
 Ms. Diane A. Olesik  
 Jane G. Pepper  
 Janis Peterson  
 Mr. & Mrs. Thomas Punnett  
 Ms. Elaine Robillard  
 Jo V. Seibert  
 Mr. & Mrs. Steven P. Silberstein  
 Mr. Russell G. Strover  
 Mr. & Mrs. Donald Strumpf  
 Mr. & Mrs. Robert E. Tiffany  
 Mr. & Mrs. Alfred Toizer  
 Phyllis B. Weisman  
 Dr. & Mrs. Allen J. Winograd  
 Ms. Daria Zaharchuk

#### BEQUESTS

Estate of Edwin S. Bond  
 Estate of Sibyl S. Cohen

\* deceased

<sup>1</sup> denotes gifts made to TreeVitalize

Please note: The Pennsylvania Horticultural Society makes every effort to ensure the accuracy of this list. List is complete as of print date. If you notice an error or omission, please contact the PHS Development office at 215-988-8800.

#### PHS COUNCIL

##### Council Officers

John K. Ball, *Chair*  
 Howard L. Meyers, *Vice-chair*  
 Melinda C. Moritz, *Vice-chair*  
 J. William Mills, III, *Treasurer*  
 Morris Cheston, Jr., *Secretary*

##### Council

Sandra M. Alton  
 Heather Ascher  
 June Barry  
 Thomas L. Bennett  
 Steven D. Bessellieu  
 Iris Brown  
 W. Thacher Brown  
 Leomar T. Cooper  
 Stacy Maria Dutton  
 Julia B. Fisher  
 Henry L. Good  
 Sally N. Graham  
 Penny Hansen  
 Harry E. Hill  
 David P. Hollander  
 Robert B. Jefferson  
 Jennifer K. Lendler  
 Frederick Lewis  
 Gerry Lopez  
 Russell Meddin  
 Richard F. Meischeid  
 Leslie Anne Miller  
 Steve Mostardi  
 Charles A. O'Brien  
 John F. O'Rourke  
 Jane Pollock  
 Joseph Pyle  
 Paul A. Reid  
 Robert Q. Reilly  
 Margaret M. Sadler  
 Alan P. Slack  
 Patricia L. Smith  
 Jason Vermillion  
 Stephan White  
 Kenneth G. Wood

#### PHS SENIOR STAFF

##### Executive Leadership Team

Jane G. Pepper, *President*  
 J. Blaine Bonham, Jr.,  
*Executive Vice President*  
 Lisa Miller, *Vice President,*  
*Finance and Administration*  
 Maitreyi Roy, *Vice President,*  
*Programs*

##### Senior Management Team

Suzanne Betts, *Director,*  
*Member Services*  
 Caroline Dellapenna, *Director,*  
*Finance*  
 Melissa A. DeRuitter,  
*Senior Director, Development*  
 Joseph Dougherty,  
*Senior Director, Human*  
*Resources and Support Services*  
 Bob Grossmann, *Director,*  
*Philadelphia Green*  
 Patricia James, *Director, Education*  
 Sam Lemheney,  
*Director, Show Design*  
 Kathleen A. Mills, *Director,*  
*Show Production*  
 Nancy Q. O'Donnell, *Director,*  
*Philadelphia Green*  
 Pete Prown, *Director, Publications*  
 Joan Reilly, *Senior Director,*  
*Philadelphia Green*  
 Lisa Stephano, *Senior Director,*  
*Marketing and Public Relations*

#### WHERE TO FIND US

The Pennsylvania Horticultural Society  
 100 North 20th Street, 5th Floor  
 Philadelphia, PA 19103-1495  
 215-988-8800  
 PHSonline.org

#### CREDITS

*Text: Jane Carroll (editor), Daniel Moise, Pete Prown*  
*Design: Anne Vallery*  
*Photographs: Jane Carroll, Tammy Leigh DeMent, Margaret Funderburg,*  
*Sally McCabe, Daniel Moise, Pete Prown, Julie Snell*

© 2009 The Pennsylvania Horticultural Society

# PLANTING TREES

This is the first in a new series of columns geared for volunteer groups or individuals who are working to create greener communities.



Photo: Amy Peralta/Staff



If you have a local park, sidewalk, or other public space that needs sprucing up, it often makes sense to focus on trees first. Adding trees is a great way to bring beauty to a place quickly, and trees are easier to maintain than flower beds and gardens. Planting and maintaining trees are also good starting points for new volunteer groups. Your group can work together to organize planting days, tree inventories, and regular tree-care tasks.

## Choose the Right Tree

Spring flowers and fall color may come to mind first when selecting a tree, but it's important to consider all the pros and cons of different tree species. Before purchasing a tree, think about what kind is most appropriate for the site. Consider overhead wires, amount of sunlight, soil pH, and drainage. Each tree species has specific requirements, and

some are more tolerant of city stresses like road salts, compacted soil, and air pollution. Assessing your site will help you choose a tree that will thrive.

Ask yourself if the tree will be appropriate in 25 years. Imagine your tree in a planting site when the tree reaches its *mature size*. Can the site accommodate a large tree? Would a small tree, a columnar tree, or a wide-spreading tree suit the site better? Does the tree produce seeds, cones, or other droppings that might pose a problem in this location? Allow adequate spacing between trees based on their size at maturity.

For new plantings, select at least 2 1/2-inch-caliper trees (the diameter of the trunk), since these are not as easily damaged as smaller saplings.

## Mulch

Use mulch around trees and on planting beds to conserve moisture and discourage weeds. Mulch creates a boundary around trees and shrubs, making it less likely that they will be damaged by lawnmowers and other equipment. Apply mulch evenly at a depth of two inches. *Do not* pile mulch around the trunks of trees or shrubs, because it traps moisture and encourages disease. Keep mulch at least two to three inches away from trunks and woody stems (the mulch layer should look more like a donut than a volcano). PHS recommends dark brown, double-shredded, hardwood-bark mulch. Rake and replenish mulch annually.

## Pruning

Tree pruning falls into two categories:

**Major tree pruning** involves removing large branches from mature trees, as well as tree removal. Pruning tree branches beyond the reach of a hand-held pole pruner requires a professional. This work is usually performed by the city or landowner. If you need to find a professional arborist, visit the website of the International Society of Arboriculture ([www.isa-arbor.com](http://www.isa-arbor.com)). Ask for credentials, insurance verification, and references. Choose the contractor in whom you have the most confidence. Make sure the contractor has obtained the necessary permits from the city or landowner.

**Minor tree pruning** is removing *dead, damaged, and diseased* branches (the “three Ds”). To keep healthy trees and shrubs looking their best, learn basic, feet-on-the-ground minor pruning techniques. Hand pruners, pruning saws, loppers, and pole pruners are some of the common tools used for minor pruning. Learning basic pruning skills is worth the time invested, as healthy trees make a big difference in the appearance of your site.

Why prune?

- **Safety:** to remove low limbs in the pedestrian right-of-way, weak limbs that may fall, and those growing into power lines
- **Appearance:** to enhance tree shape (only advisable for young trees)
- **Health:** to remove dead, diseased, and damaged branches

When to prune

- Winter is a good time to check trees and locate problems
- Anytime there are dead, diseased, and damaged branches
- Late winter: before leaf buds open
- Fall to spring: when there are no leaves
- Midsummer: once new shoot growth becomes woody
- Do not prune a recently transplanted tree

## Fertilizing

*Never fertilize a newly planted tree.* Wait at least one year for the tree to become established. Then look for visible foliage symptoms to see if fertilizers are needed. Fertilizing will not solve problems caused by inadequate sunlight or water, air pollution, plant diseases, or insect attack. The young sapling, the mature healthy tree, and the declining tree have different needs.

To determine if the tree needs fertilizer, observe the leaf color. Unusual yellowing, especially between the veins, may indicate a specific nutritional deficiency. Notice if the old or new leaves are affected. Consult an arborist regarding a mature tree in trouble. A soil test from the tree pit will determine the fertilizers needed. (Cooperative Extension System offices are good places to find soil-test kits. Find your local branch at [csrees.usda.gov/Extension](http://csrees.usda.gov/Extension).)

## Water

Newly planted trees require one inch of rain per week or equivalent supplemental watering during the first three years after planting. Be sure you have a plan in place to provide adequate water for new trees. When watering, the golden rule is “water weekly and deeply.” Allow 10 to 15 gallons of water to seep *slowly* into the tree pit; watering too fast will cause the water to flow off the tree pit. It’s best to use a trickling hose or five-gallon bucket with holes.

You can also use a Treegator®, a large plastic bag that zips around the tree trunk. When filled, it delivers water, slowly and evenly, directly to the root system of a newly planted tree or shrub with no run-off or evaporation. Discontinue watering when the ground freezes. Start again in the spring when tree buds swell and sprout new leaves. 🌱

---

## GARDEN STRUCTURES

---

### GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood  
33 Years' Experience  
Call Robert J. LaRouche at  
Glass Enclosures Unlimited  
610-687-2444

---

## GREEN TECHNOLOGIES

---

### Rainwater Harvesting Systems

Capture • Filter • Reuse  
Please visit our website to learn more  
[www.YourPond.com](http://www.YourPond.com)  
Cedar Run Landscapes  
1-800-Landscape

---

## HARDSCAPING

---

### HERITAGE STONE & MARBLE

We are an installation and restoration company that emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways,  
COBBLESTONE-edging and paving,  
STONE walls, RETAINING walls, MARBLE,  
GRANITE-floors, walls, countertops.

215-699-5611 Upper Gwynedd, PA

---

### PATIOS & WALKWAYS

Flagstone - Pavers - Brick  
Robert J. Kleinberg  
Landscape Design & Construction  
610-259-6106  
See our work online  
100's of pictures at  
[WWW.KLEINBERG.COM](http://WWW.KLEINBERG.COM)

---

## LANDSCAPE DESIGN

---

### BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs.  
Experienced staff ensures  
the integrity of the design  
from concept to completion.  
[burkebrothers.com](http://burkebrothers.com)  
215-887-1773 610-520-2025

### David Brothers Landscape Services Bean Road Nursery

Architects, Builders and Nurserymen  
Providing the Fine Art of Garden Construction  
and Landscape Restoration  
215-247-2992 610-584-1550  
[www.davidbrothers.com](http://www.davidbrothers.com)

---

### DONALD PELL INC. GARDENS

Design-Masonry-Landscape  
Please review our updated portfolio at  
[www.donaldpell.com](http://www.donaldpell.com)  
610-917-1385

---

### LINDA CORSON LANDSCAPE DESIGN

- Consulting
- Plans
- Supervision

Registered Landscape Architect  
Member ASLA 215-247-5619

---

## MULCH

---

### BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service  
Cedar Run Landscapes  
Call for brochure  
1-800-LANDSCAPE  
[www.CedarRunLandscapes.com](http://www.CedarRunLandscapes.com)

---

### FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance  
PINE-NEEDLE MULCH  
Wholesale and Retail  
610-701-9283  
[renee52@comcast.net](mailto:renee52@comcast.net)

---

## NURSERIES

---

### RARE & UNUSUAL PLANTS

- Specimen plants • Pond plants • Bonsai
- Orchids • Hardy cacti • Tropicals
- Sculptured trees and shrubs • Perennials
- Unique Flower and gift shop.

### MUTSCHLERS' FLORIST & RARE PLANTS

1-800-242-9438  
[www.mutschlers.com](http://www.mutschlers.com)

### Triple Oaks Nursery & Herb Garden

• Great Plants • Display Gardens • Programs •  
Franklinville, New Jersey  
[www.tripleoaks.com](http://www.tripleoaks.com)  
856-694-4272  
[greatplants@tripleoaks.com](mailto:greatplants@tripleoaks.com)

---

## PICTURE FRAMING

---

### Frames and Company

We've been framing for 36 years  
and can make any artwork blossom!  
Our design/framers and archival materials  
will guarantee a perennial favorite.  
Our photo frames will put  
your friends in the best light,  
and we have mirrors to  
reflect your good taste.

10% off for PHS members.

3723 West Chester Pike, Newtown Square  
Under the green & white awning  
610.356.8122  
[www.framesandcompany.com](http://www.framesandcompany.com)

---

## TREES

---

### Tree Transfers Inc.

Large Tree Transplanting and Sales  
Large Screening & Specimen Plant Material  
Garden Restoration, Ponds  
Waterfalls & Patios  
215-635-2310  
Serving the Delaware Valley since 1987

---

## OTHER

---

Television Spokesperson Position

A national gardening company seeks a product spokesperson for live television broadcasts. The position is freelance-based from January to June with one-three appearances weekly. Must be available 24/7. Excellent fee per appearance. Paid product training. Experience in a horticulture field (Master Gardener acceptable) is required. Must live in greater Philadelphia area. Public Speaking or camera experience a plus but not required.

Send Resume to:  
President  
PO Box 2137  
Rockport, TX 78381  
or

Email resume to:  
[gardening@spray-n-grow.com](mailto:gardening@spray-n-grow.com)

# Longwood Gardens

Discover our ever-changing nature

## Chrysanthemum Festival

OCTOBER 24–NOVEMBER 22 Featuring 20,000 blooming mums grown in extraordinary ways



Also Coming Soon...

### *A Longwood Christmas*



Nov. 26–Jan. 10

### *Orchid Extravaganza*



Jan. 23–March 31

### MAKING SCENTS:

The Art & Passion  
of Fragrance

Opens April 2010

Open Daily • Longwood Gardens • Kennett Square, PA • [longwoodgardens.org](http://longwoodgardens.org)



## PHS & the Girl Scouts Partner on an Exciting New Initiative

by Daniel Moise



A recent collaboration between PHS and the Girls Scouts of Eastern Pennsylvania (GSEP) has resulted in *Planting Seeds, Growing Lives*. This program, which allows scouts to earn a special PHS patch, encourages girls ages 5 to 17 to build strong relationships and transform their communities. The tenets of the program are growth, exploration, and leadership.

To earn the PHS patch, girl scouts must consult the *Planting Seeds, Growing Lives* workbook. The guide contains 16 activities that motivate scouts to explore and embrace the natural world. Younger scouts can earn credit by making seed balls or growing “pizza gardens.” Older girls are asked to take an active role in their communities by promoting environmental events and conducting tree inventories.

Arguably the most enjoyable activity—or at least the one that will elicit the most squeaks and squeals—is one that introduces the scouts to vermiculture, a composting method using earthworms. Troops that complete the determined number of activities (based on age) will earn the PHS patch. Of course what really matters are the memories made and the experience gained by participating in these fun, hands-on projects.

The public first learned of this partnership at the 2009 Philadelphia Flower Show. The final day of the Show was deemed “Girl Scout Day,” and 30-some young ladies enjoyed exclusive access to the world-famous event. There, at a press conference, PHS president Jane G. Pepper and Ann Thornton Field, GSEP chair, made the exciting announcement as an audience full of girls in brown vests and green sashes cheered. (Girl Scout Day will return to the Flower Show in 2010 on Sunday, March 7.)

PHS director of education Pat James says, “As a lifelong Girl Scout, I was especially excited that PHS could collaborate with the Girl Scouts of Southeastern PA on this patch program. It creates new opportunities for girls to get involved in horticulture and greening and supports our goal to involve young people in the mission of PHS.” 🌱

# WINTERTHUR



Image courtesy of Hagley Museum and Library

## Treasures & Traditions

“Winterthur is definitely worth the trip.”

—MARTHA STEWART

*Faces of a New Nation: American Portraits of the 18th and Early 19th Centuries from The Metropolitan Museum of Art*

July 25, 2009–January 24, 2010

View stunning masterpiece portraits of the men, women, and children of early America, and explore the changing values of the nation across a span of nearly 150 years.†

The exhibition was organized by The Metropolitan Museum of Art, New York, and is sponsored by  and Potter Anderson & Corroon. *George Washington* detail by Gilbert Stuart, begun 1795. Rogers Fund. Image courtesy of The Metropolitan Museum of Art.

### Yuletide at Winterthur

November 21, 2009–January 3, 2010

Tour H. F. du Pont's mansion decorated for the holidays! Don't miss this wonderful showcase of elegant interiors, including the perennial favorite, the magnificent dried-flower tree.‡

### Lost Gardens of the Brandywine

March–November 2010

Long known for its lush public gardens, the Brandywine Valley is also home to private gardens from another age. Rare early color images and garden relics reveal these lost and hidden gems. †

† Members free ‡ Admission discount for Members To join, e-mail [membershipinfo@winterthur.org](mailto:membershipinfo@winterthur.org).

### WINTERTHUR MUSEUM & COUNTRY ESTATE

Nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route 1  
800.448.3883 • 302.888.4600 • [winterthur.org](http://winterthur.org)



# Your life is an exciting adventure story. Let us help write the next chapter.

Success doesn't come easy and you've worked hard for what you have. At PNC, we understand the wealth you've earned isn't an end in itself. It's simply a way to help you take on your next challenge. That's why our highest priority is to thoroughly understand your situation. And help guide you on your journey ahead.

Call (888) 762-6226 or visit [pnc.com](http://pnc.com).



Trust & Estate • Wealth & Retirement Planning • Investment Management • Private Banking Services

The PNC Financial Services Group, Inc. ("PNC") provides investment and wealth management, fiduciary services, FDIC-insured banking products and services and lending and borrowing of funds through its subsidiaries, PNC Bank, National Association and PNC Bank, Delaware, which are **Members FDIC**. PNC does not provide legal, tax or accounting advice. ©2007 The PNC Financial Services Group, Inc. All rights reserved. Investments: Not FDIC Insured. No Bank Guarantee. May Lose Value.









PENNSYLVANIA HORTICULTURAL SOCIETY



3 1827 00018587 5

