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WOODY PLANT CONFERENCE

FRIDAY, JULY 17, 2009

*Lang Performing Arts Center
Swarthmore College
Swarthmore, PA*

ABOUT OUR SPEAKERS

Rick J. Lewandowski is director of Mt. Cuba Center, where he oversees institutional planning, garden development, conservation, educational, and research program development for the 650 acre property in Greenville, Delaware. He actively explores and studies plant habitats throughout the eastern and southeastern United States in order to enrich the gardens of Mt. Cuba Center with documented, wild-collected, seed-propagated plants and to conserve plant genetic diversity for future generations. This field work also supports Mt. Cuba Center's mission to promote and develop better native plants for landscape use. During his professional career Rick has participated in several international plant exploration trips, collaborative research efforts and conducted medicinal plant research with the pharmaceutical industry. He frequently speaks regionally and nationally to amateur and professional audiences about plants, garden design, plant exploration, plant conservation, and other environmental topics. He has edited books, authored numerous articles and currently writes a monthly column for the Wilmington News Journal entitled "Nature's Landscapes".

Lynden B. Miller is a public garden designer in New York City and the director of The Conservatory Garden in Central Park, which she rescued and restored beginning in 1982. Based on her belief that good public open spaces can change city life, she has designed many other gardens and parks in all five boroughs, including Bryant Park, The New York Botanical Garden, Hunter College, Madison Square Park, and Wagner Park. Her latest projects include landscape improvements to the campuses at Columbia University, Stony Brook University, Princeton University, the U.S. Supreme Court in Washington, DC, and consultation for the Museum of Modern Art's sculpture garden. She was trained as a painter and studied horticulture at The New York Botanical Garden before beginning her public career. She is an adjunct instructor at New York University's Department of Art History in the Urban Design and Architectural Studies Program. Her book *Parks, Plants, and People: Beautifying the Urban Landscape*, published by W.W. Norton & Company, is due out in 2009.

Richard Olsen is the lead scientist for the U.S. National Arboretum's urban tree breeding program, where his research focuses on breeding, genetics, and selection of superior landscape trees with improved pest and disease resistances. Currently the program is pursuing breeding objectives in a number of genera, including *Acer*, *Catalpa*, *Celtis*, *Chionanthus*, *Halesia*, *Nyssa*, and *Tsuga*. Richard has a bachelor degree in landscape design from North Carolina State University, a master degree in horticulture from the University of Georgia and a doctorate in horticultural science from North Carolina State University.

Paula Shrewsbury, an entomologist, is passionate about insects. She has been involved in applied research and extension education relating to the management of pests of ornamental plants and turfgrass for over 19 years. The major focus of her research is to identify methods to restore plant and insect community dynamics to prevent pest insect outbreaks and create sustainable landscapes, nurseries, and turf systems. She has made over three hundred presentations, and contributed to numerous publications on these topics. She is an associate professor and extension specialist in ornamental and turf integrated pest management at the University of Maryland, and has also worked at Rutgers University and the Smithsonian Institution.

Guy Sternberg has cultivated and studied trees since 1952, and now holds one of the most extensive *Quercus* living reference collections in North America. At Starhill Forest, his research arboretum in Petersburg, Illinois, he also grows more than 500 taxa of other woody plants as well. Guy has nominated more state champion trees than anyone else in Illinois, and works with the National Famous and Historic Tree Program and the Champion Trees Project to promote awareness and appreciation of special and historic trees. He has traveled widely studying trees and their habitats, and participated in educational exchanges with the national dendrology societies of Germany, Belgium, the TEMA Foundation of Turkey, the Kunming Institute of Botany in China and arboreta throughout North America, Europe and Latin America. He is the founding president of the International Oak Society.

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The Pennsylvania Horticultural Society
The Scott Arboretum of Swarthmore College
Tyler Arboretum

CONFERENCE HIGHLIGHTS

- Talks by noted horticulturists and designers
- Study tours of the Scott Arboretum's extensive woody plant collection
- This conference has been approved for Continuing Education Units:
 - 6 CEUs for NJ landscape architects
 - 5 CEUs for PA landscape architects
 - 5 Arborist CEUs for ISA Certified Arborists
- PA Pesticide Recertification Training Credits:
 - 1 in category 06, 1 in category 18 and 1 in category 23
- Coupons available for free admission to co-sponsoring institution gardens July 17 - 19

Continuing Education
Longwood Gardens
P.O. Box 501
Kennett Square, PA 19348-0501
Return Service Requested

Woody Plant Conference

Friday, July 17, 2009 • Lang Performing Arts Center • Swarthmore College

REGISTRATION FORM

Woody Plant Conference

7:30 - 9:00 **Registration and Coffee**

7:30 - 8:30
& 7:45 - 8:45 **Early Riser's Tours of the Scott Arboretum**

9:00 - 9:15 **Welcome - Claire Sawyers, Director, the Scott Arboretum**

9:15 - 10:15 **Parks, Plants and People: Beautifying the Urban Landscape - Lynden B. Miller**
Year-round plantings improve the quality of life in cities, and shrubs are the essential backbone of that palette. Lynden Miller will illustrate, through the use of "before" and "after" photos of various restoration and design projects in New York City and beyond, the many positive effects public plantings have on cities. She will share her favorite tried-and-true shrubs for the garden and how they are used in designing effective public spaces.

10:15 - 10:45 **Break**

10:45 - 11:30 **Tapping the Plant Diversity of the Eastern United States to Enhance the Garden - Rick J. Lewandowski**
For those who lust for great garden plants, there is so much diversity to tap for the garden. Even so, we sometimes overlook the gems growing in the woods right here in the eastern United States. Join Rick Lewandowski to explore some of the profound beauty and diversity found in our region. You will be reacquainted with some garden stalwarts and whet your appetite for other less common woody plants worthy of wider use.

11:30 - 12:15 **Titillations and Tribulations in Tree Breeding - Richard T. Olsen**
Trees are part and parcel of urban forests, suburban oases, and private gardens, yet they receive little attention from public and private plant breeders. Long generation times, complex host-pathogen/pest relationships, and the need for significant allocation of space and resources are examples of the challenges plant breeders face. Richard Olsen will use examples from the U.S. National Arboretum's breeding programs to describe how target genera are chosen for improvement, the science behind pollination and crossing studies, and modern techniques breeders use to develop new plants.

12:15 - 1:15 **Lunch**

1:15 - 2:00 **Promising Plants Forum - Michael Colibraro, Colibraro Landscaping and Nursery, Inc.; Rhoda Maurer, the Scott Arboretum of Swarthmore College; Chris Strand, Winterthur Museum and Country Estate**

2:00 - 2:45 **The Influence of Plant Biodiversity on Landscape Pest Management - Paula Shrewsbury**
In managed landscapes the ecological balance between natural enemies and plant-feeding insects is often disrupted, leading to pest outbreaks and plant damage. Paula Shrewsbury will discuss recent research that shows how increasing plant community diversity promotes beneficial insects and reduces the likelihood of pest outbreaks, leading to more sustainable landscapes.

2:45 - 3:15 **Break**

3:15 - 4:15 **Searching the World for Oaks - Guy Sternberg**
The oak genus, *Quercus*, is not only the national tree of the United States, it is the predominant tree group in the Northern Hemisphere. With approximately 500 species, it ranges from giant trees to trailing shrubs, evergreen and deciduous, occupying habitats from deserts to swamps, and mountains to coastal plains. Guy Sternberg has traveled widely to study this special genus in its native habitats. Join him for an illustrated armchair adventure throughout North America, Central America, Europe and Asia in quest of *Quercus*.

4:15 **Closing Comments and Afternoon Study Tours**

4:30 - 5:30 **Happy Hour New Feature!**
Mix and mingle with colleagues and horticultural professionals. Beer, wine and snacks will be served along with great conversation. A \$15 registration fee is required.

5:45 **Last shuttle leaves for Springfield Mall**

For conference registration information, please call Longwood Gardens' Continuing Education Office at 610-388-1000 extension 507, Monday - Friday, 8 am - 4 pm.

No phone registrations, please.

Registration fees (less a 15% processing fee) will be refunded if cancellations are made before July 6, no refunds after that date.

Register early and save!

Directions to the Scott Arboretum of Swarthmore College and parking information will be mailed with registration confirmations. If you have special parking needs, please contact Julie Jenney at 610-328-8024.

Information about the facilities: The Lang Performing Arts Center is fully accessible and is equipped with headsets for the hearing-impaired. If such accommodations are needed, contact Julie Jenney at 610-328-8024.

About the area: The conference is held in the Delaware Valley, an area rich in gardens. For a list of area gardens and related activities, visit www.greaterphiladelphiagardens.org.

Free conference parking will be at the nearby Springfield Mall. Shuttles will be available and will run all day from 7 am until 5 pm. There is no parking on campus.

\$10 rebate for using SEPTA. Please bring your receipt or pass to the registration desk.



www.woodyplantconference.org

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To register more than one person, please use a photocopy of this form for each additional registrant.

Registration deadline: July 10.

Register early and save! Deadline for early registration is June 19. Pre-registration is required, no walk-ins, please.

Name _____

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____

I prefer email confirmation

Email _____

Please check type of lunch preferred:

BBQ Chicken Sandwich with Field Greens & Roasted Corn Basil Salsa (WCL09)

Grilled Eggplant & Red Bell Pepper Sandwich with Baby Arugula & Olive Caper Relish (WVL09)

I'd like to attend the following:

Early Risers (WET09) Afternoon Study Tours (WAS09)
 Happy Hour \$15

PAYMENT: Check VISA MasterCard
 AMEX Discover

C.C. Number _____

Expiration Date _____

Signature _____

Billing address if different from above _____

REGISTRATION FEE: Register early and save!

\$99 per person if your registration is postmarked by June 19
 \$109 per person if postmarked between June 20 and July 2
 \$129 per person if postmarked between July 3 and July 10
 \$49 student rate (include photocopy of student ID with registration)

Basic registration fee includes lunch and refreshment breaks and free admission to sponsoring institution sites. Please make checks payable to Longwood Gardens, Inc. Mail or fax (credit card only) your registration form(s) to: **Continuing Education, Longwood Gardens, P.O. Box 501, Kennett Square, PA 19348-0501. Fax 610-388-9806.**