

Morris Arboretum Education Dept.  
100 E. Northwestern Avenue  
Philadelphia, PA 19118



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# Evolving Strategies for Evolving Landscapes: *Beyond the Garden Bed*



## Evolving Strategies for Evolving Landscapes: *Beyond the Garden Bed*

To work with the land today means dealing with dramatic change. Factors from landscape fragmentation to accidental species introductions have made it difficult to establish resilient plant communities. Yet increased interest in ecology, landscape performance, and natural aesthetics has created a significant need to establish these landscapes successfully and consistently. This two-day conference will explore how to interact with the complex, evolving realities of today's landscapes and those of the future. Join us for our 26th year!

For more information about the conference, visit [lds.morrisarboretum.org](http://lds.morrisarboretum.org). Continuing Education Units are available.

### sponsored *by*

New Directions in the American Landscape  
*(developed by Larry Weaner Landscape Associates)*

Connecticut College Arboretum

Morris Arboretum of the  
University of Pennsylvania

### co-sponsored *by*

PA/DE Chapter of the American  
Society of Landscape Architects

### dates & locations

**PA:** Montgomery County Community College  
Science Center Auditorium  
Blue Bell, PA  
**January 8–9, 2015**

**CT:** Connecticut College  
Cummings Art Center  
New London, CT  
**January 15–16, 2015**

### Landscape Patterns: Beauty and the Beasts

#### Part 1 - The Beasts

*Marc-André Villard* (1¼ hrs)

Understanding landscape mosaics and knowing how to work with these spatial patterns is key to promoting the persistence of wildlife in our fields and forests. This presentation will provide an analytical framework for use in urban, suburban, and rural settings, examining such issues as functional connectivity, edge and matrix effects, and habitat loss versus fragmentation.

#### Part 2 - The Beauty

*Robert Poore* (1¼ hrs)

Form follows function...or does it? The idea of human function as the overriding design determinate of form is being replaced by the concept that ecological processes and the artistic patterns they create should be the driving force. Join a landscape architect to explore the origins of the term “form follows function,” its evolution into an ecological design concept, and its varied applications across multiple projects.

#### Panel – Is Beauty Compatible with the Beasts?

*Robert Poore and Marc-André Villard. Moderated by Larry Weaner* (½ hr)

### Sustaining Native Pollinators: Beyond the Butterfly Garden

*Deborah Delaney* (1 hr)

If our native landscapes are to be “sustainable,” our native flora needs to be able to self-perpetuate. This requires seed production and, in turn, the services of pollinators. This presentation will discuss pollinators found in the northeast and their nutritional requirements; the effect of land use on pollinator health and diversity; and new data on pollinator preferences of different plant cultivars within specific genera.

### Lawn Alternatives: Methods That Really Work

*Tom Christopher* (1 hr)

With more than 40 million acres of lawn in the United States, viable alternatives to turf that have the look and feel of lawn could provide significant ecological impact. Learn about non-traditional turf grasses and planting techniques that require only several annual mowings and can thrive without conventional fertilization, liming, pesticides, and intensive irrigation.

### Deciduous Forests of the Northeast: Insights from Japan and Europe

*Robert Askins* (1 hr)

Understanding the history and ecology of deciduous forests is critical to sustaining the health of these systems. This presentation will explore how studies of remarkably similar forests in Europe and East Asia provide new insights into how practitioners can protect and manage forests when designing their own projects.

*A reception will follow with beer, wine, and hors d'oeuvres, and book signing with Robert Askins and Tom Christopher.*



## Fees

#### Fees (per person)

Early Bird: \$320 if received online or postmarked by Dec. 18, 2014.  
\$345 if received online or postmarked after Dec. 18, 2014.

#### Student Rate (with student ID):

Early Bird: \$190 if received online or postmarked by Dec. 18, 2014.  
\$215 if received online or postmarked after Dec. 18, 2014.

*Registration includes continental breakfast, lunch, break refreshments, and evening reception.*

#### Pennsylvania Registrations

Secure online registration: [online.morrisarboretum.org/LDS](http://online.morrisarboretum.org/LDS).

Phone: (215) 247-5777, ext. 125. Have credit card ready to register.

Mail: send completed form and check payable to Morris Arboretum to:

Morris Arboretum, Education Department  
100 E. Northwestern Avenue  
Philadelphia, PA 19118

#### Pennsylvania Accommodations

Normandy Farm Hotel, (215) 616-8500 or [www.normandyfarm.com](http://www.normandyfarm.com). Use group code MAB0107 or mention *Landscape Design Symposium*. Reserve by Dec. 18 for discounted rate.

#### Connecticut Registrations

Secure online registration: [www.conncoll.edu/the-arboretum](http://www.conncoll.edu/the-arboretum).

Phone: (860) 439-5020. Have credit card ready to register.

Mail: send completed form and check payable to Connecticut College to:

Connecticut College Arboretum  
270 Mohegan Avenue, Campus Box 5201  
New London, CT 06320-4196

#### Connecticut Accommodations

Clarion Inn, (860) 443-0631. Mention *Connecticut College Landscape Design Symposium*. Reserve by Jan. 1 for discounted rate.

**The Flora of the Future**

**Part 1 – Overlooked Perspectives on the Ecology and Management of Invasive Plants**

*Bernd Blossey* (1 hr)

All habitats in the northeast are facing impacts from fragmentation, climate change, invasive species, and increasing deer populations. Which native species can we assume to be safe? Which will likely go extinct? And what role can designers play? Bernd Blossey, a leading authority on invasive plants, will share his insights, some of which run counter to commonly held beliefs.

**Part 2 – Picking Your Battles in an Era of Globalized Vegetation**

*Larry Weaner* (1 hr)

Why are some wild landscapes dominated by invasive species while others appear relatively impervious? This presentation will examine the ecological conditions and processes that result in these two vegetative trajectories and feature practical techniques to enable historic plant communities to persist in the garden and the wild.

**Panel – Working in a Vegetative Maelstrom**

*Bernd Blossey and Larry Weaner*

*Moderated by Jenna Webster (PA) and Glenn Dreyer (CT)* (½ hr)

*Book signing at lunch with Warren Byrd*

**“Thought Fossils:” Language, Landscape, and Human Ecology in Algonquian America**

*Kerry Hardy* (1 hr)

Place names—what cross-disciplinary researcher Kerry Hardy calls “thought fossils”—can offer remarkably durable testimony into seemingly lost cultures and their landscape practices. Hardy uses place names along with mythology and natural and human history to gain insight into the pre-European ecosystems in which native peoples lived and operated. His unique approach offers a new way to read present-day landscapes to more deeply understand their pasts and more effectively influence their futures.

**Nelson Byrd Woltz: Evolving Practice**

*Warren Byrd, Jr. & Serena Nelson* (2 hrs)

The landscape architecture firm Nelson Byrd Woltz has long been at the forefront of plant driven design. Join the firm’s founder and a highly accomplished associate to learn about the genesis of the firm’s approach, how it is evolving to incorporate ecology, conservation, and agriculture, and how this broad knowledge base is being passed from one generation of practitioners to the next.



*“I always enjoy this conference. My batteries are recharged and my mind expanded!”*

– 2014 conference attendee

**Mail-in Registration Form**

*Please print clearly:*

Name(s) \_\_\_\_\_

Company (if applicable) \_\_\_\_\_

E-mail \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone \_\_\_\_\_

Please do not include me on attendees list.

Vegetarian lunch  Non-vegetarian lunch  Gluten free lunch

Check one:  Early Bird Regular Rate \$320  Regular Rate \$345  
 Early Bird Student Rate \$190  Student Rate \$215

AMOUNT PAID \$ \_\_\_\_\_

**Registration will be refunded only if notification is received no later than seven (7) working days prior to the event less a \$15 processing fee.**

**Please note that Montgomery County Community College is not affiliated with this event and should not be contacted regarding the program.**

## *A Twenty-Six Year Tradition*

Since its founding in 1990, our natural design conference has avoided trendy jargon in favor of landscape techniques that succeed in the real world. Speakers represent a wide range of fields and often provide information rarely found in traditional landscape programs. We invite you to join us as we continue to explore the diverse issues affecting our rapidly evolving field.

**Robert Askins** is a professor of biology at Connecticut College, where he teaches courses in ecology, animal behavior, conservation biology, and ornithology. His research focuses on the ecology and conservation of migratory birds in both their northern breeding habitats and tropical wintering areas. His papers have appeared in *Conservation Biology*, *Current Ornithology*, *Ecology*, *Proceedings of the National Academy of Sciences*, *Science*, *Studies in Avian Biology*, *Wetlands*, and *Wilson Bulletin*. He is the author of *Restoring North America's Birds* (2011) and *Saving the World's Deciduous Forests* (2014).

**Bernd Blossey** is an associate professor in the Department of Natural Resources at Cornell University. He teaches courses on biological invasions and conservation biology. His research addresses biological weed control, factors determining the competitiveness of invasive plants, and the effect of plant invasions and their management on native ecosystems.

**Warren Byrd, Jr.** is a landscape architect and founder of Nelson Byrd Woltz, Professor Emeritus of the University of Virginia, and a Fellow of the American Society of Landscape Architects. A major focus of his work has been the understanding and adaptation of natural systems and regional plant communities. He led his firm in a broad range of public and private projects throughout the United States and internationally. He taught at the University of Virginia for 26 years, serving as the Chair of the Department of Landscape Architecture for seven of those years. In 2013 he received the ASLA Medal, the society's highest honor.

**Tom Christopher** is the principal of Connecticut-based Smart Lawn, LLC. He has designed and installed site-adapted, low-input lawns for a wide range of residential and institutional clients, including Wesleyan University, Middlesex Community College, and two historic cemeteries. He edited and contributed two chapters to *The New American Landscape* (2011), a guide to sustainable gardening. He graduated from the New York Botanical Garden's School of Professional Horticulture.

**Deborah Delaney** is an assistant professor of entomology in the Entomology and Wildlife Ecology Department at the University of Delaware. She teaches courses on insects and society as well as apiculture and pollination ecology. She is also a former beekeeper.

**Kerry Hardy** is the author of *Notes on a Lost Flute: A Field Guide to the Wabanaki* (2009). His writings on natural and cultural history have appeared in *Field & Stream*, *Outdoor Life*, and other publications. He received a master's degree in landscape architecture from the S.U.N.Y. College of Environmental Design and Forestry and has worked in both landscape design and consulting. He currently serves as a land steward for the Vinalhaven Land Trust in Maine and is at work on another book examining Pre-Columbian human ecology in the northeast.

**Serena Nelson** is a landscape architect. After an undergraduate degree in architecture, Serena joined Nelson Byrd Woltz and worked on projects with principals Warren Byrd and Thomas Woltz. In 2005, she helped open the New York office alongside Woltz. After pursuing dual graduate degrees in landscape architecture and architecture, she interned at Peter Walker and Associates, and worked for two years with Starr Whitehouse Landscape Architects and Planners. She re-joined Nelson Byrd Woltz in 2012, and is currently working on the Hudson Yards Development in New York City and an agricultural master plan in upstate New York.

**Robert Poore** is a landscape architect and founding principal of Native Habitats, Inc. in Flora, Mississippi. He has more than 50 years of experience in the green industry and has focused on native plant communities for the past 39 years. He has worked on such projects as the Crosby Arboretum, the Mississippi Museum of Natural Science, and the Virginia Living Museum. His firm is currently completing final construction documents for the Wetland Educational Theater in the heart of the Mississippi State University campus.

**Marc-André Villard** is a professor in the Department of Biology at the University of Moncton in New Brunswick, Canada. He teaches and researches on ecological thresholds, the ecology and conservation of forest biodiversity, and development of conservation strategies. He also researches songbirds and woodpeckers as focal species for investigating processes underlying ecological response to management intensity. His work has appeared in numerous scientific journals.

**Larry Weaner** has been creating native landscapes since 1977. He founded Larry Weaner Landscape Associates in 1982 and has gained a national reputation for combining ecological restoration with the traditions of garden design. In 2008, he was awarded the top three design awards by the Association of Professional Landscape Designers. He is an active guest lecturer and instructor for horticultural and environmental organizations throughout the United States, and in 1990 he developed the *New Directions in the American Landscape* conference series.