February 2017

The ELA Conference & Eco-Marketplace is only a few weeks away. If you haven't yet checked into the educational and networking opportunities available at this year's conference, be sure to check soon. Register by February 26 to take advantage of Early Bird Discounts.

Articles in this issue of the newsletter provide a taste of conference presentations. Beka Sturges offers a preview of her March 9 presentation on a project at the Clark Art Museum in Williamstown, MA. You can also find an excerpt from Noel Kingsbury's latest book, New Small Garden, and a comprehensive overview of phytoremediation from Kate Kennen's book Phyto. Both Kingsbury and Kennen present on Wednesday, March 8. Finally, if you missed January's carbon conference, Landscape Heroes, an attendee offers her takeaways from the event.

As the days lengthen and warm, take time to recharge and reconnect at one of ELA's upcoming events. Hope to see you before the season takes off. MS

**ShadowWorks - Art and Infrastructure at the Sterling and Francine Clark Art Institute**
by Beka Sturges

After 15 years working with The Clark Art Institute in Williamstown, MA, Reed Hilderbrand has helped to shape the landscape in order to both revive the pastoral history of the site and cast it forward. A recent project challenged them to bridge not just the nearby wetlands, but perceptions of the surrounding land - its power, life, and systems. Read the article.

Beka Sturges will offer additional insight into this project in her presentation ShadowWorks: Transforming a Vision into Physical Space at The Clark Art Museum on March 9 at the ELA Conference & Eco-Marketplace.

**Walk on the Wild Side**
by Noel Kingsbury

Plants rarely grow in isolation, but instead grow in often complex communities. Understanding these communities may be the task of ecologists, but the home gardener, especially the owner of a small garden, has a lot to learn from them, too. Reprinted from New Small Garden with permission. Read the article.

Dr. Kingsbury presents two sessions at the ELA Conference & Eco-Marketplace on March 8: Predicting Long-Term Plant Performance and Contemporary Approaches to Sustainable Design from Europe. He also presents the Keynote Speech, The Evolution of Ecological Landscape Design, the evening of the March 8.
Phytoremediation: Overview and Opportunities
by Steven Rock

In his foreword to Kate Kennen and Niall Kirkwood's comprehensive guide to phytoremediation, Rock provides an overview of the history of the field and the opportunities for landscape professionals to engage. Reprinted from Phyto: Principles and Resources for Site Remediation and Landscape Design with permission. Read the article.

Kate Kennen, author of Phyto, presents Green Up for Clean Up! Planting to Remediate Contaminated Landscapes on March 8 at the ELA Conference & Eco-Marketplace.

Takeaways from Landscape Heroes
by Meghan O'Connell

If you missed Landscape Heroes: Carbon, Water, and Biodiversity, an attendee provides an overview of the day and highlights from the presentations. Read the article.

ELA News

Member Survey
As ELA looks to the future, the Board of Directors is reviewing priorities and services in order to chart the course ahead for the next five years. As key stakeholders in ELA, members are asked to provide their input. Look for the ELA Member Survey in your inbox. The survey is anonymous and should take no more than five minutes to complete. Thank you for participating.

We love to hear from you, our ELA members.
Consider contributing or helping out with upcoming newsletter issues by writing an article, reviewing a book, or sharing a photo essays of your latest eco project. The best submissions come from our talented membership! We encourage you to share your thoughts, ideas, expertise, stories, activities, and resources with the ELA Newsletter readership.
Send to mailto: ela_new@verizon.net.

Exhibit, Sponsor, Advertise!
Thank you to ELA Conference Exhibitors and Sponsors.

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Conway School+  Earth & Turf Products, LLC*+  Filtrexx*  Green Earth Ag & Turf*
Native Habitat Restoration  North Creek Nurseries+  Organic Plant Magic*
PerfectEarth Project  Planter's Choice, LLC*+  Read Custom Soils

*Presents practical tips on March 8.
+Sponsor

It's not too late to join the exhibitor lineup. Send an email now! Or advertise in the conference program. Email: MichaelOpton@gmail.com.

Sprague Joins Conway Board of Trustees
Theresa Sprague, President of ELA's Board of Directors, has been elected to The Conway School's Board of Trustees. She looks forward to "continuing to build the alliance between Conway and ELA, including expanding...professional-level education."
Put on a Smile When You Shop Online!
If you are shopping online, shop through AmazonSmile and a portion of every eligible purchase will support ELA education. It's easy. Go to www.smile.amazon.com, enter your account as usual, specify Ecological Landscape Alliance as your preferred charity, and start shopping. It will put a smile on your face.

Enjoy the ELA Newsletter? Enjoy all of the ELA Member benefits!
Become an ELA Member!

Gleanings

New Additions to MA Prohibited Plant List
Massachusetts updated the Prohibited Plant List earlier this month, adding three plants to the list: Butomus umbellatus (Flowering rush), Salix atrocinerea (Large Gray willow), and Salix cinerea (Rusty willow). Listed plants may not be imported, sold, or traded, nor may they be purchased or distributed. The ban includes all cultivars, varieties and hybrids. As a result of the number of comments in opposition of the addition to Actinidia arguta (Hardy kiwi) to the List, the Department of Agricultural Resources is taking additional time to investigate before making a final determination. View the entire list.

New Report on Neonicotinoids and Bees
Xerces Society recently released a new report: How Neonicotinoids Can Kill Bees. The report summarizes hundreds of studies and looks at the science behind the role of insecticides in harming bees. A summary of the report with key findings and the full report may be viewed or downloaded from the Xerces website. Xerces also offers an extensive list of research articles related to pesticides and pollinators in an annotated bibliography.

Grasslands and Climate Solutions
Nature Conservancy looks at how grasslands, the ecosystem underdog, can play a role in climate solutions. Read more.

Protecting Forests under Stress
As rising global temperatures and persistent droughts place woodlands under increasing stress, Yale Environment 360 looks at what land managers can do to help. Read more.

Permeable Paver Project in Santa Barbara, CA
Two blocks of Quarantina Street in Santa Barbara, CA were converted to permeable pavers. View a video of the project.

Utilizing Green and Bluespace to Mitigate Urban Heat Island Intensity
Research out of the United Kingdom evaluates the ability of urban vegetation and bodies of water to reduce the urban heat island effect. Read more.

Soil Symposia
Two in-depth soil workshops take place in the New York area during March. A Modern Approach to Soil Science will cover soil texture with a focus on collecting samples, interpreting data, and making accurate field assessment and diagnosis for successful remediation under a variety of environmental circumstances. Speakers include Eric T. Fleisher, Andrea J. Filippone, Paul Wagner, and Frances Reidy.

March 1, 9:00am-5:00pm at Brooklyn Bridge Park, Brooklyn, NY
March 13, 9:00am-5:00pm & March 14, 9:00am-3:00pm at Jardin de Buis, Pottersville, NJ
Registration is first come, first served as checks are received. For questions, email info@f2environmentaldesign.com. To register, mail check payable to F2 Environmental Design, PO Box 292, Pottersville, NJ 07979

Second Annual Conway School pre-ELA Conference Alum Gathering

**When:** Tuesday, March 7th, 7:00-9:00 pm

**Where:** High Horse Brewery and Bistro, 24 N. Pleasant St, Amherst

**Co-hosts:** Theresa Sprague ('08), President, ELA and Nancy Braxton, Conway School Alum Liaison.

Special conference and membership discounts are available for Conway alums. Send questions or RSVP to braxton@csl.edu. We hope to see you on March 7th, 8th, and 9th!

Call for Presenters

The Massachusetts Association of Vocational Administrators seeks horticulture-focused presentations for their annual conference to be held in Marlborough on June 29th. Find more information here.

Grants!

Coastal Resilience Grants - The National Oceanic and Atmospheric Administration seeks proposals for projects that enhance resilience through activities that protect life and property, safeguard people and infrastructure, strengthen the economy, or conserve and restore coastal marine resources. Eligible applicants include nonprofit organizations; institutions of higher education; regional organizations; private entities; and local, state and tribal governments. Deadline March 15, 2017. More information.

**Events to Note** (listings indicate local time unless otherwise noted)

- **February 18** - [Wild Ones Annual Conference: Designing with Nature](#); St. Paul, MN; 9:00am-4:30pm.
- **February 20-21** - [NOFA-VT Winter Conference](#); Burlington, VT.
- **February 20** - [Principles and Fundamentals of Weed Science](#); Milford, MA; 9:00am-2:30pm.
- **February 22** - [Nature's Temples: Complex Old Growth Forests](#); Boston, MA; 7:00-8:30pm.
- **February 22** - [Bringing Back the Pollinators: Conservation in the Age of Climate Change - Webinar](#); 12:00pm EST.
- **February 23** - [The New Perennial Movement at Hermannshof Gardens](#); NYC, NY; 10:00-11:30am.
- **February 24** - [SNCC Winter Conference](#) - save the date; Berlin, CT.
- **February 25** - [ELA Event → Design with Water in Mind](#); Framingham, MA; 9:00am-12:00pm.
- **February 25** - [Pruning Shrubs](#); Boston, MA; 10:00am-12:00pm.
- **February 25** - [Pruning Grapes](#); Belchertown, MA; 10:00am-12:00pm.
- **February 28** - [Safety Saves (MAA)](#); Wellesley, MA; 2:30-4:30pm.
- **February 28** - [Landscaping with Native Plants: Why It Matters](#); Franklin, MA; 6:30pm.
- **February 28** - [Conservation Planning for Pollinators and Beneficial Insects](#); Wakefield RI; 9:00am-4:00pm.
- **March 1** - [Conservation Planning for Pollinators and Beneficial Insects](#); Wakefield RI; 9:00am-4:00pm.
- **March 1** - [The Art and Science of Growing Native Plants from Seed](#); Why, When, and How; Cambridge, MA; 7:00 - 8:30pm.
- **March 1** - [A Modern Approach to Soil Science](#); Brooklyn, NY; 9:00am-5:00pm. Email info@f2environmentaldesign.com for additional information.
- **March 2** - [ELA Event → Rainwater Harvesting: Make Every Drop Count](#); Framingham, MA; 10:00am-12:00pm.
- **March 2** - [Management of Invasive Forest and Landscape Insect Pests](#); Hadley, MA; 9:00am-2:30pm.
- **March 3** - [Entwined: Plants, Exploration, and Our Future](#); Bronx, NY; 10:00am-12:00pm.
- **March 4** - [ELA Event → Xeriscaping](#); Framingham, MA; 1:00-3:30pm.
- **March 4** - [MACC Environmental Conference](#); Worcester, MA; 8:00am-5:15pm.
- **March 4** - [Home Orchard Pruning](#); Sherborn, MA; 10:00am-1:00pm.
- **March 5** - [NOFA/RI Winter Conference](#); Warren, RI; 8:30am-4:30pm.
- **March 5** - [Waterwise Landscape Designs](#); Brewster, MA; 1:00-2:30pm.
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Mt. Cuba Center, Hockessin, DE
Mt. Cuba Center has a wide variety of open positions including: Orchid Research Fellow (2 year position); Assistant Horticulturist (FT); Interpretive Specialist (FT); Public Safety Officer (4 PT positions available); One Year Internships in Greenhouse & Production, Natural Lands, Native Plant Curation, and Public Engagement (May 2017 to May 2018); Summer Internships in Greenhouse & Research, Ecological Gardening, and Arboriculture (May-Aug); and Seasonal Positions: Natural Lands Assistant, Grounds Maintenance Assistant, Horticulturist's Assistant, Visitor Experience Assistant (most starting in March weather-permitting). For more information view job postings at: [http://www.mtcubacenter.org/employment%20](http://www.mtcubacenter.org/employment%20).

Morris Arboretum, Philadelphia, PA
The Morris Arboretum has nine, one-year internships available starting on June 12, 2017. Positions are full-time, 40 hours per week and the compensation is $12 per hour plus benefits including vacation, health insurance and tuition benefits. Application Deadline: February 15, 2017. The Morris Arboretum of the University of Pennsylvania, a 166-acre public garden in Philadelphia. The positions are open in education, urban forestry, plant protection, plant propagation, arboriculture, botany, horticulture, natural lands and the rose and flower garden. Interns work alongside experts in the public horticulture field, and take two University of Pennsylvania courses, “Understanding Plants” and “Evaluating Public Gardens." This course is offered through the Department of Landscape Architecture and Regional Planning at the University of Pennsylvania. Interns receive academic...
credit for successfully completing the class. Qualifications include a background in horticulture, biology, botany, landscape design, land management, or education. Complete position descriptions and apply at: http://www.business-services.upenn.edu/arboretum/ed_internships.shtml

Randall's Island Park Alliance, New York, NY
The Randall's Island Park Alliance (RIPA) maintains a variety of planted and themed gardens and landscaped areas throughout the Park, all created using native species and sustainable practices. Randall's Island Park Alliance is looking for a year-around meadow gardener/ecologist who responds for two wildflower meadows. This position will also assist with volunteer events and programming, as needed. Seasonal gardener positions are also available between March and November. Complete position descriptions and apply at: https://randallsisland.org/about/employment-opportunities/

The Xerces Society for Invertebrate Conservation, Various Locations
Position: Farm Bill Pollinator Conservation Planner and NRCS Partner Biologist
The Xerces Society is expanding our team to create and accelerate habitat restoration for pollinators across the country! Under the direction of Xerces Society Pollinator Conservation Program experts, and in collaboration with USDA Natural Resources Conservation Service (NRCS) state, area and field office staff, the Farm Bill Pollinator Conservation Planners will provide conservation planning, technical support and training focused on pollinators, monarch butterflies, other beneficial insects, and/or declining species to farmers and NRCS field office conservation planners. We are currently hiring for positions based in Maine, Nebraska, North Dakota, Minnesota, and Iowa. Application deadline is February 27, 2017. For specific details for each region and application instructions, please visit the Xerces Society website: http://www.xerces.org/job-opportunities/%20

New England Environmental/SWCA, Amherst, MA.
New England Environmental Inc. (NEE), which is now part of the SWCA Environmental Consultants family, is expanding their team and looking for an Ecological Landscape Designer/ Civil CAD Draftsperson to support the production needs of the landscape architecture, scientific, engineering capacities and who shares in the passion in delivering the highest-quality project work.
We are dedicated to sustainable design and work closely with our office of scientists, restoration specialists, hydrologists and engineers to develop dynamic solutions based on natural patterns and processes. Applicants must be highly motivated, well versed in landscape / civil construction methodology, have a strong background in stormwater management/Green Infrastructure and Watershed Management and take initiative. Must be interested in working in a fast paced multi-disciplinary environmental firm working on a variety of project types and scales. For full job description and to apply, visit: https://careers-swca.icims.com/jobs/9874/ecological-landscape-designer/job

Green City Growers: Garden Educator Urban Farmer, Greater Boston Area
Our education programs are growing and we are looking for garden educators to join our team. This position will specialize in working with education programs, but the farmer should expect to work with a variety of client types and ages. This position will start at the end of February as a part-time position transitioning to full-time March 20th until early November. Click here for the full job posting.

Green City Growers: Director of Operations, Greater Boston Area
We are looking for a Director of Operations to oversee the maintenance of all facilities and vehicles and to manage the logistics of all field operations. The Director of Operations oversees the installation of vegetable and fruit production systems that range from raised beds and in-ground row crop farms, to deck and rooftop "green roofs". The Director of Operations collaborates and works effectively to support GCG's other departments (i.e., sales, administrative, and horticultural) and ensure efficiency. This is a full-time, salaried position to begin immediately. Click here for the full job posting.

Groundswell, Ithaca, NY
A number of full-time and part-time positions are available with Groundswell Center for Local Food & Farming in Ithaca, NY:
- Farming & Business Specialist
- Development & Fundraising Manager
- Communications Specialist
- Farming Assistant

For detailed information and to apply, go to http://groundswellcenter.org/employment/.

**New England Wild Flower Society: Teacher Naturalists, Framingham, MA**

New England Wild Flower Society is looking for capable, organized, patient, and enthusiastic educators to promote awareness, understanding, and appreciation of the botanical and natural world in school programs at Garden in the Woods focused on plant life, habitats, and weather and climate. Teacher Naturalists will lead school programs on Tuesdays, Wednesdays, and Thursdays from mid-April to mid-October. Application deadline: February 27. See website for more information.

**New England Wild Flower Society: Independent Contractor for Regional Workshops**

The New England Wild Flower Society seeks an independent contractor to plan and lead twelve "Pollinate New England" (PNE) workshops throughout the region between February 2017 and September 2018. The consultant will report to the Society's Director of Public Programs and have regular communication with the Director of Horticulture. Successful applicants will have a background in horticulture and education and will have experience working with native plants and installing pollinator gardens. Click for details and proposal instructions. Proposals are due by January 20, 2017.

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Whether you are located in the area of our upcoming events or in some distant landscape, you are invited to participate in ELA collaborations and discussions by joining the Ecological Landscape Alliance discussion group on LinkedIn. The ELA discussion group is open to both ELA members and non-members from around the world and participation is growing each week. Through these discussions you can share information, get answers to landscape problems, and learn new perspectives on challenging ecological issues. Joining LinkedIn is free and it is easy to join. Join the ELA LinkedIn Discussion. We look forward to hearing from you soon!

We hope that you enjoy this edition of the ELA newsletter and welcome your comments at ela.info@comcast.net. Maureen Sundberg, ELA Newsletter Editor