



**“Advocating for responsible stewardship
of land and natural resources in
landscaping and horticultural practices.”**

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.

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.



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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@cslid.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 18-20 - [NOFA-VT Winter Conference](#); Burlington, VT.

February 21 - [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 - [SNEC 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.

March 7 - [Community Tree Conference](#); Amherst, MA; 8:00am-3:30pm.
 March 7 - [Turf Industry Career and Education Symposium for Veterans](#); Providence, RI; 1:30-3:30pm.
 March 7 - Conway School Alum Pre-Conference Gathering; Amherst, MA; 7:00-9:00pm. See Gleaning above.
 March 8-9 **ELA Conference**→[Sustaining the Living Landscape](#); Amherst, MA.
 March 9 - [Lewis Mumford's Green Urbanism](#); Brookline, MA; 7:00pm.
 March 9 - [Threshold: Biodiversity, Climate, and Humanity at a Crossroads](#); Bronx, NY; 10:00am-12:00pm.
 March 10 - [Preserving the Mighty Oak](#); Bronx, NY; 8:30am-1:30pm.
 March 10-11 - [Landscape Fundamentals in a Changing World, Ithaca Native Landscape Symposium](#); Ithaca, NY.
 March 11 - [2017 Land & Water Conservation Summit](#); Kingston, RI; 7:45am-4:00pm.
 March 12 - [Lessons from the Garden: What Native Plants Have Taught Me](#); Brewster, MA; 1:00-2:30pm.
 March 13-14 - A Modern Approach to Soil Science; Pottersville, NJ. Email info@f2environmentaldesign.com for additional information.
 March 13,15 &18 **ELA Event**→[Bones of the Garden: Strengthening the Design](#); Framingham, MA.
 March 16 **ELA Event**→[We're in a Tight Spot](#); Framingham, MA; 11:00am-12:00pm.
 March 16 - [State Regulations Pertaining to Invasive Plant Management](#); Milford, MA; 9:00am-3:30pm.
 March 17 - [Sustainability by Land & Sea](#); Beverly, MA; 8:00am-4:00pm.
 March 18 - [Effective Erosion and Sediment Control](#); Ipswich, MA; 9:00am-11:00pm.
 March 18 - [Pruning Blueberries](#); Bolton, MA; 10:00am-12:00pm.
 March 18 - [Connecticut Land Conservation Conference](#); Middletown, CT; 7:45am-6:00pm.
 March 21 - [Designing Plant Communities: The Art and Science of Successful Native Planting](#); Bronx, NY; 1:00-3:00pm.
 March 21 **ELA Webinar**→[Designing with Plant Communities in Mind](#); 12:30-1:30pm EST.
 March 21 - [The Invasive Plant Issue and Invasive Plant Identification](#); Milford, MA; 9:00am-2:00pm.
 March 24 - [Mass Land Conservation Conference](#); Worcester, MA; 8:00am-4:00pm.
 March 25 **ELA Event**→[Foundation Gardens that Say "Welcome Home"](#); Framingham, MA; 10:00am-12:00pm.
 March 26 - [Kill Your Lawn!](#) Brewster, MA; 1:00-2:30pm.
 March 29 - [Best Practices for Pollinators in the Real World](#); St. Paul, MN; 8:00am-12:00pm.
 March 29-30 - [Veteran Tree Care Workshop](#); Brooklyn Botanic Garden/Green-Wood, Brooklyn, NY; 9:00am-4:00pm.
 March 30 - [Sustainable Landscapes Management](#); Wareham, MA; 9:00am-3:30pm.
 March 30 - [Gardening at Greater Dixter](#); Bronx, NY; 10:00-11:30am.



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>.

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 fulltime 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*