



Advocating for ecological landscape practices
through education, collaboration, and outreach.

From the Editor

Every day reverberates with growing evidence of the accelerating pace of ecosystem change in the face of climate change. New high temperatures, longer hot/cold/rainy/dry spells, increased storm severity, and species loss butt against a global network reliant on fossil fuels. Given the plethora of concerns, this month's newsletter focuses on climate lessons for landscapes. We look at resilient green roof designs and at the outlook for native plant populations as temperatures rise. And, we consider urban landscapes - the landscape opportunities they afford and a program that connects urban dwellers with local flora. Finally, we offer a review of a new book that provides a window into the designer's mind.

With summer just around the corner, I'm looking forward to June and ELA's celebration of native plants. If you've incorporated native plants into your landscape, become a host on ELA's June 22 [Native Plant Garden Tour](#). Share your expertise with visitors and grow community interest in native plants. The deadline is May 31 to host a tour. May 31 also sees the end of the [Spotlight on Natives](#) photo contest. Winning entries will be featured in the June newsletter; winning photographers receive free one-year Professional-level memberships. So, show off your native plants with a tour or a photo! We're all anxious to see what you've done. *MPS*



Pioneering Higher Ground: Green Roof Lessons for Planting Design by Laura Hansplant

While a green roof planted with a carpet of sedum will manage stormwater efficiently, a design that incorporates more sophisticated habitat structure and diverse native species will increase habitat value and overall resilience. Observations from successful plantings in extreme conditions also translate into lessons for resilience for on-ground landscapes. [Read the article.](#)



Proactive Weeding in Our Gardens of the Future by Bethany Bradley

Humans are very good at introducing new invasive plants and spreading them far beyond their native ranges. Given the expected pressures of climate change on native species, what role might humans play in assisting native species that will need to migrate further and faster than natural dispersal will allow? [Read the article.](#)



"Every Parcel Has Promise" Restoration in the Urban Habitat by Miho Connolly

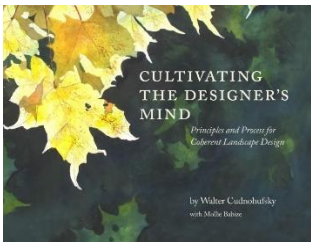
The Challenges of Restoring Urban Native Habitat, presented by Dr. Steven Handel at the 25th Annual ELA Conference, centered around a modern reality: with population growth and the spread of urban areas, cities have become a new and important habitat type. While many might consider cities to be ecologically sterile sources of environmental problems, Handel sees environmental opportunity. [Read the article.](#)



Documenting the Spontaneous Flora of New York City with Eco-Flora

by David Atha and Brian Boom

The New York Botanical Garden is documenting the flora of New York City using all available tools from traditional botanical techniques to modern technology and broad community participation. The goals of the project: document the spontaneous flora of NYC, enhance botanical and ecological understanding, and conserve the native biodiversity. [Read the article.](#)



Book Review

Cultivating the Designer's Mind: Principles and Process for Coherent Landscape Design

Written by Walter Cudnohufsky with Mollie Babize
Reviewed by Trevor Buckley and Emily Davis

Cultivating the Designer's Mind: Principles and Process for Coherent Landscape Design, readers will find a window into the mind of Walter Cudnohufsky, founder of the Conway School of

Landscape Design and a visionary educator in design and planning. Accompanied by co-author Mollie Babize, a Conway alum and former administrator of the graduate program, Cudnohufsky presents an ably written and accessible book that demystifies the sometimes elusive design process and espouses a democratic design ethos. Through the lenses of landscape and ecology, they lay out a vision for applying a deliberative and compassionate mode of design-thinking to our complex and frenetic world. [Read the review.](#)

ELA News

Celebrate Native Plants in June!

ELA's Third Celebrating Native Plants

Share your passion for native plants! Sign up to host a garden tour during ELA's **Third Annual Celebrating Native Plants Garden Tour**. Whether it's a garden you've nurtured and maintained over decades or recently installed, your own yard or a client's property, ELA invites you to share your experiences with native plants on **Saturday afternoon June 22**. You determine the number of visitors, and all guests must register.

[Learn more here and add your garden to the tour before May 31.](#)

Spotlight on Natives - May 31 Deadline

Submit your entries to ELA's Spotlight on Natives Photo Contest between now and May 31 at 5:00pm. Photos can show native plants in garden settings or individual specimen. First Prize Winners receive a one-year ELA Professional Membership. Photographers receiving Honorable

Recognition will earn \$50 credit toward purchases at the ELA Bookstore. Winners will be announced in June. Find all the details [here](#).



Eco Courses Now in Spanish

On April 1, ELA introduced its first ecological landscape classes designed for native Spanish speakers. The nine-part series covers a broad range of land care topics and is being offered at no cost for three months (April, May, and June 2019). Starting July 1st, the classes will remain free for ELA Members and will be available for \$10 per class for non-members.

Click on a title to get started now:

1. [Calidad del Aire y Jardineria Verde - Air Quality](#)
2. [Fertilizantes y Hierba Cortada Compostaje - Fertilizer and Grass Cycling](#)
3. [Introduccion A Cobertura \(Mulch\) Y Abono \(Compost\) - Introduction to Mulch and Compost](#)
4. [Introduccion A Suelos - Introduction to Soils](#)
5. [La Planta Correcta en el Lugar Correcto - Right Plant Right Place](#)
6. [La Poda Para La Salud De La Planta - Pruning for Plant Health](#)
7. [Manejo Integrado de Plagas MIP - Integrated Pest Management \(IPM\)](#)
8. [RIEGO #1 Interaccion Entre Agua - Plantas Y Suelos - Irrigation Part 1 of 2](#)
9. [RIEGO Programacion del Riego - Irrigation Part 2 of 2](#)



National Green Infrastructure Certification Program

Initiated under the leadership of DC Water and the Water Environment Federation, the National Green Infrastructure Certification Program (NGICP) sets national certification standards for green infrastructure (GI) construction, inspection, and maintenance workers.

Designed to meet international best-practice standards, NGICP certification advances the establishment of sustainable communities by promoting GI as an environmentally and economically beneficial stormwater management option, supporting the development of proficient green work-forces, and establishing a career path for skilled GI workers.

In collaboration with ELA, Trevor Smith offers a 5-day, 35-hour course that provides graduates the skillset needed to design green stormwater infrastructure and to oversee construction, inspection, and maintenance of these projects. [Find more information and register.](#)

Virtual Coffee on Hiatus

We're taking a break from volunteer coffee until later in the year. During the interim, if you are struck with a great idea for a workshop, hear about a great webinar topic, or know of an opportunity ELA should explore, don't hesitate to send an email: ela_new@verizon.net.

Enjoy all the ELA Membership Benefits - including free and discounted events.
[Become a Member!](#)

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Gleanings

Forests Are a Low-Tech but High-Impact Way to Fight Climate Change

As advocates and policy makers search for ways to cut fossil-fuel use or methods for capturing carbon before it enters the atmosphere, recent research shows that intact forests are essential to mitigating climate change. [Read more in Scientific American.](#)



660 Species of Bees Live in Newly Shrunk National Monument

Scientists have found a striking diversity of bees in the most extensive study of Grand Staircase-Escalante National Monument to date. [Read more in National Geographic.](#)



Designing the Butterfly-Friendly City

With the population of the distinctive species in decline, cities around the U.S. are trying to add monarch-friendly spaces. [Read more at CityLab.](#)



Living Soil: A Documentary for All of Us

The Soil Health Institute published the online documentary "Living Soil" in November 2018. The one-hour film captures the story of soil as a unique living resource in need of protection. Scientists, farmers, and policymakers from across the country share their experiences. [View the film.](#)



Vanquishing the Winter Moth

With winter moth populations continuing at record lows in eastern Massachusetts, Dr. Joseph Elkinton, who coordinated biological control of the pest, has declared victory over winter moth. [See the illustrated article in UMass Magazine.](#)



Keep an Eye out for Spotted Lanternfly

After confirming presence of a single dead specimen of spotted lanternfly in Boston, Massachusetts Department of Agricultural Resources urges the public to check potted plants received over the winter months for signs of spotted lanternfly adults. [Find more information. To report.](#)





Bee Alert: Is a Controversial Herbicide Harming Honeybees?

Recent court cases have focused on the possible effects of glyphosate on humans. But researchers are now investigating whether this commonly used herbicide could also be having adverse effects on the health and behavior of honeybees. [Read the article in YaleEnvironment360.](#)



North Carolina Bald Cypresses Are Among World's Oldest Trees

Some of the trees along the Black River provide a window into climates dating back thousands of years. [Read the article in the Smithsonian.](#)



EPA RainWorks Challenge Winners

The U.S Environmental Protection Agency announced the winners of its seventh annual Campus RainWorks Challenge, a national competition engaging college students in the design of on-campus green infrastructure solutions to address stormwater pollution. [Read about the winning entries.](#)



Coastal Recovery: Bringing a Damaged Wetland Back to Life

An ambitious wetlands restoration project is underway on Delaware Bay, where scientists are using innovative methods to revive a badly damaged salt marsh. The project could be a model for other places seeking to make coastal wetlands more resilient to rising seas and worsening storms. [Read the article in YaleEnvironment360.](#)



UMN Offers Stormwater Seminar Series

Nationally recognized experts in stormwater management and green infrastructure gather for monthly discussion of successes and lessons learned. Join in person or online, or view recorded seminars. [Find more information.](#)



Survey from UMaine Cooperative Extension

To assess the needs of the green industry in Maine, Matt Wallhead, Ornamental Horticulture Specialist with UMaine Cooperative Extension is conducting a green industry survey. Please consider filling out the survey and share the link with anyone who may be interested in sharing their thoughts about the current state of the green industry in Maine. [Take the survey.](#)



Invasive Plant Management Providers in Maine

Invasive plants threaten landscapes by disrupting horticulture plantings, taking over productive farms and forests, and displacing beneficial native plants. The Maine Natural Areas Program (MNAP) within the Maine Department of Agriculture, Conservation and Forestry often receives calls and emails from landowners looking for professionals to assist with invasive plant management.

Though some landowners are interested in hiring a licensed herbicide applicator and the Maine Board of Pesticides Control (MBPC) maintains a list of qualified professionals to which MNAP staff can refer inquiries, other landowners are looking for non-herbicide or "herbicide+" management approaches, such as (but not limited to): manual, mechanical, flame weeding, animals such as goats, and combinations of these treatments with herbicide treatments. If you offer non-herbicide or herbicide+ services in Maine and would like to be included in a list to be provided on the MNAP website, please [fill out the form](#). If you have questions, email invasives.mnap@maine.gov or call 207-287-8046. The list will be published on the MNAP website in June and updated periodically thereafter.

Maine licensed herbicide applicators can be included on the MBPC list by emailing pesticides@maine.gov or calling 207-287-2731.



Plants for Sale

Annuals, perennials, shrubs, and trees are all priced to sell at the **COGdesign plant sale** on May 19 from 11:00am-2:00pm at the Pierce House in Lincoln, MA. [Find out more.](#)

Plants sourced from **Wild Seed Project** or grown in home gardens are for sale on June 1 at the Wells Reserve at Laudholm, Wells, ME. [Find out more.](#)

May 18 and 19, **City Natives**, the native plant nursery of the Trustees of Reservations, will host two community plant sales. [May 18](#) plants will be sold at City Natives Garden in Mattapan and on [May 19](#) at Berkeley Community Garden, 500 Tremont St., Boston, MA.

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

May

May 18 - [Distinctive Accents - Trio of Garden Workshops](#); Rehoboth, MA; 10:00, 11:00 & 12:00.

May 19 - [COGdesign Plant Sale](#); 17 Weston Road, Lincoln, MA; 11:00am-2:00pm.

May 19 - [Naturescaping: Using Native Plants to Create Attractive Landscapes that Help Restore Our Environment](#); Plymouth, MA; 2:00-3:30pm.

May 23 - [Spring Greetings from Woodland Wildflowers](#); Medford, MA; 5:30 - 7:45pm.

May 25 - [Creating Designs with Perennial Planters](#); West Stockbridge, MA; 10:00-11:00am.

May 29 **ELA Tour**→[Native Trees and Shrubs for Beauty and Birds](#); Needham, MA; 4:30-6:30pm.

May 31 - [Boston Green Roof and Wall Symposium](#); Boston, MA; 9:00am-5:00pm.

June

June 2 - [Creating Pollinator Forage in the Landscape](#); UMass Amherst, MA; 8:30am-12:30pm.

June 4 - [The Nexus Between Efficiency & Stormwater](#) (webinar); 2:00pm EDT.

June 5 - [White Pine Health Field Trip](#); Hadley, MA; 8:00am.

June 6 **ELA Class**→[Why Mulch When You Can Plant](#); Garden in the Woods, Framingham, MA; 9:30am-12:30pm.

June 6 - [Compost Compendium](#); Arnold Arboretum, Boston, MA; 6:00-8:00pm.

June 8 - [Landscaping for Bird Diversity](#); Waltham, MA; 9:30 - 11:30am.

June 12 - [Ornamental Tree and Shrub ID and Insect Walk](#); Tower Hill Botanic Garden, Boylston, MA; 2:00-4:00pm.

June 12 - [Smart Cities and Parks: Resilient Environmental Design and Infrastructure in Chelsea, MA](#) (webinar); 1:00-2:30 EDT.

June 14 - [Essential Native Trees & Shrubs for Your Garden](#); Mt. Cuba Center, Hockessin, DE; 5:30-7:00pm.

June 15 - [The Diversity and Ecological Value of Native Shrubs](#); Hyde Park, MA; 10:00am - 12:15pm.

June 17-21 **ELA Class**→[NGICP National Green Infrastructure Certification Program](#); Tower Hill Botanic Garden; Boylston, MA; 8:30am-5:00pm.

June 19 - [The Diversity and Ecological Value of Native Shrubs](#); Hyde Park, MA; 5:30pm - 7:45pm.

June 19 - [Weed Walkabout](#); Walpole, MA; 4:00-6:00pm.

June 22 **ELA Tour**→[Celebrating Natives Garden Tours](#); locations throughout Massachusetts; 12:00-4:00pm.

June 25 - [Landscape and Turf Weed Topics - You Pick](#); Chelmsford, MA; 9:00am-12:30pm.

June 27 **ELA Tour**→[Carex: Foundation Species for Successful Plant Communities](#); Deerfield, NH; 1:00-3:00pm.

July

July 8-August 9 - [Landscape Design Summer Intensive](#); New York Botanical Garden;

July 10 - [The Substance of Soil](#); Arnold Arboretum, Boston, MA; 6:00-8:00pm.

July 11 **ELA Class**→[Growing Ferns from Spore](#); Nasami Farm, Whately, MA; 10:00am-12:30pm.

July 11 to 25 - [Integrated Pest Management](#); Mt. Cuba Center, Hockessin, DE; 10:00am-2:30pm on Thursdays.

July 12 **ELA Class**→[Lawn Alternatives](#); Garden in the Woods, Framingham, MA; 1:00-3:00pm.

July 12 - [Edible Native and Invasive Species](#); West Stockbridge, MA; time tbd.

July 16 - [Transforming Habitat Restoration: Planning with Technology](#); Mt. Cuba Center, Hockessin, DE; 10:00am-2:30pm.

July 16 - [Gardening for Butterflies and Moths](#); Arnold Arboretum, Boston, MA; 6:00-8:00pm.

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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*

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