

NATIVE PLANT PROGRAMS

A group of people, including two women in the foreground, are hiking on a grassy path through a dense forest. The woman on the left is wearing a green long-sleeved shirt and light blue jeans, and is smiling and waving. The woman on the right is wearing a purple and pink striped long-sleeved shirt and dark blue pants, and is also smiling. Other hikers are visible in the background, some wearing hats and carrying backpacks. The scene is set in a lush, green environment with tall trees and a clear sky.

**Conserving and promoting
New England's native plants
to ensure healthy, biologically
diverse landscapes**

“To be native to a place we must learn to speak its language.”

-Robin Wall Kimmerer, Braiding Sweetgrass

Welcome to the fall/winter 2022-23 season of Native Plant Trust’s educational offerings. As the new Director of Public Programs, I am learning each day about the language of this new environment, and am extremely grateful for the opportunity to do so. I welcome you to experience one (or many) of our programs this fall and winter—from storytelling to a symposium on seeds, a film screening to predatory plants, green winterscapes to New England wildflowers.

As a regional organization, we offer many online learning opportunities and public programs across New England. We aim to maintain the balance between offering a wide range of in-person courses, events and field studies while also ensuring we adhere to all public health and safety guidelines. We continue to be extremely grateful to you, our community of learners, for your interest, support, and flexibility as we navigate these ever-changing waters.

Please visit www.NativePlantTrust.org throughout the fall and winter for updates and additional new programming.

I would like to take an extra moment to thank Public Programs department coordinator Lindsey Schreier for her invaluable contributions to the department over the last seven months of transition time between directors, and to Kathryn Acerbo-Bachmann, Interim Director of Public Programs. I am overjoyed to join the team at Native Plant Trust, and look forward to meeting all of you!



BESS PAUPECK

Director of Public Programs

A handwritten signature in teal ink that reads "Bess". The signature is fluid and cursive, with a period at the end.

Native Plant Trust

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Program catalog is published twice a year by Native Plant Trust. Members receive discounts on all programs. Annual membership dues start at \$40 for individuals. See page 46 for information.

Printed on recycled paper.

This publication was made possible through the generosity of Jackie and Tom Stone.

ON THE COVER

Harvey Butler Rhododendron
Field Trip, © Melissa Blackwell



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ABOUT NATIVE PLANT TRUST

Native Plant Trust is the nation's first plant conservation organization and the only one solely focused on New England's native plants. We save native plants in the wild, grow them for gardens and restorations, and educate others on their value and use. We are based at Garden in the Woods, a renowned native plant botanic garden that attracts visitors from all over the world. From this flagship property in Framingham, Massachusetts, 25 staff and many of our 1,500 trained volunteers work throughout New England each year to monitor and protect rare and endangered plants, collect and preserve seeds to ensure biological diversity, detect and control invasive species, conduct research, and offer a range of educational programs. Native Plant Trust also operates a nursery at Nasami Farm in western Massachusetts and manages six sanctuaries in Maine, New Hampshire, and Vermont that are open to the public. Native Plant Trust is among the first organizations worldwide to receive Advanced Conservation Practitioner accreditation by London-based Botanic Gardens Conservation International (BGCI), which included an endorsement by an International Advisory Council representing six continents. Please visit www.NativePlantTrust.org.

Many of our programs qualify for continuing education units. Visit NativePlantTrust.org/education for a list of qualifying programs.

Program times are in Eastern Time (US and Canada).

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For more information and

to register online visit:

NativePlantTrust.org/education 

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White Mountains, NH
© fairiegoodmother

Events

Film Screening

Mardi & the Whites, with Mardi Fuller

Join us for a screening of the documentary, *Mardi & the Whites*, which chronicles the deep relationship that outdoorswoman Mardi Fuller has built with New Hampshire's White Mountains, which has also been complicated by the overwhelmingly white hiking and outdoors community. Mardi's journey is one of Black liberation that invites everyone to examine and heal from the impacts of white supremacy on outdoor institutions. The screening will be followed by a conversation and reception with Mardi, and we welcome attendees to engage deeply with the ideas the film brings to bear. Come early and enjoy a stroll through the garden before the program—your ticket to the event includes garden admission.

Hybrid: Live Virtual and In-person

Saturday, October 15, 2022, 3:30-5 p.m.

(1 hour event followed by an in-person reception at Garden in the Woods, Framingham, MA.)

Program Code: ART1006

Fee: In Person: \$30 (Members)/\$36 (Nonmembers)

Live Virtual: \$15 (Members)/\$18 (Nonmembers)

Elective: All Certificates

In case of public health emergency, events will be held exclusively online.

MARDI & THE WHITES

A FILM BY PAULA CHAMPAGNE



Symposium

Need for Seed: A Strategy for the Northeast

Native Plant Trust plans to serve as a New England seed hub by coordinating a regional native seed network focused on the management of the region's seed resources. Our mission calls for the use of seed-grown native plants in both nursery production and habitat restoration, and to achieve this goal, we must increase seed availability, expand our seed facilities, and share our expertise in all aspects of processing, banking, and propagation. We aim to convene a network of seed producers by making use of seed increase plots (founder plots) that promote genetic diversity. By helping to build a native seed pipeline, we can increase the native seeds and plants available for ecological restoration that are of local provenance—not clones of plants from elsewhere in the country, which may not thrive in the local soil and climate. Native Plant Trust's long-term objectives are to protect wild populations from overharvesting, to provide ecologically valuable seed and plant material, and to bank seed for the future.

To help launch this vision, we are hosting a two-day symposium that will focus on establishing a network of seed users and producers in the New England region, across federal, state, and nongovernmental organizations. Talks will focus on each of the aspects of the hub, from seed collection to seed storage and the use of seed in restoration or nurseries. Speakers from other regions of the country will present on how they developed a native seed strategy.

Live Virtual

Wednesday, November 2 and Thursday, November 3, 2022, 10 a.m.-3 p.m.
(1 hour reserved for lunch)

Program Code: SYM1010

Speaker Line-Up: TBD, updates at www.NativePlantTrust.org

Fee: \$120 (Members)/\$144 (Nonmembers)

Elective: All Certificates

In case of public health emergency, events will be held exclusively online.

Butterfly milkweed
(*Asclepias tuberosa*) seed pods
Uli Lorimer © Native Plant Trust



Tales from the Field: Stories of Botany

Join Native Plant Trust for an evening of storytelling. Listen to some of the world's top botanists, horticulturists, and fellow plant enthusiasts share their most memorable, harrowing, and hilarious experiences.

Hybrid: Live Virtual and In-person

Saturday, February 25, 2023, 6-8 p.m.

Garden in the Woods, Framingham, MA

Program Code: LEC2076

Speaker Line-Up: TBD, updates at www.NativePlantTrust.org

Fee: In Person: \$30 (Members)/\$36 (Nonmembers)

Live Virtual: \$15 (Members)/\$18 (Nonmembers)

Elective: All Certificates



In case of public health emergency, events will be held exclusively online.



Greenways Conservation Area, MA
© John Benford

Native Plants and Placemaking: Matthew Cunningham

Hailing from Maine, Matthew Cunningham is well-known for his plant-focused residential landscapes throughout the Northeast. His gardens feature ecologically minded planting schemes and regionally sourced reclaimed materials that evoke an authentic sense of place, while showcasing his unique ability to grasp the dynamic rhythms of everyday life. With offices in Massachusetts and Maine, Matthew Cunningham's firm, MCLD, has garnered awards from ASLA, the Boston Society of Landscape Architects, and APLD to name a few. His gardens have been published in magazines such as *Architectural Digest*, *Garden Design*, and *New England Home* and many more. Cunningham is currently a lecturer at the Harvard Graduate School of Design. Prior to founding MCLD, he worked for Reed Hilderbrand.



Hybrid: Live Virtual and In-Person

Friday, March 10, 2023, 6:30-8pm

Garden in the Woods, Framingham, MA

Program Code: LEC2080

Fee: In Person: \$30 (Members)/\$36 (Nonmembers)

Live Virtual: \$15 (Members)/\$18 (Nonmembers)

Elective: All Certificates

In case of public health emergency, events will be held exclusively online.



Le Petit Chalet, Southwest Harbor, Maine © MCLD LLC

An Evening with Uli Lorimer and Rebecca McMackin

Join Uli Lorimer, Director of Horticulture at Native Plant Trust and author of *The Northeast Native Plant Primer - 235 Plants for an Earth-Friendly Garden* (Timber Press) and Rebecca McMackin, Loeb Fellow, Harvard Graduate School of Design, and former Director of Horticulture, Brooklyn Bridge Park, for an evening of no-holds-barred discussion about native plants in horticulture from two of the leading experts in the field today.



The event will be moderated by Barbara Moran, a correspondent on WBUR's environmental team. For 25 years, she has worked as a science journalist covering public health, environmental justice, and the intersection of science and society. She has written for many publications, including *The New York Times* and the *Boston Globe Magazine*, and produced television documentaries for PBS and others. She was twice awarded the National Association of Science Writers' highest honor, the Science in Society Award.



Location and program format TBD, updates at www.NativePlantTrust.org

Friday, March 31, 2023, 6-8 p.m.

Program Code: LEC2077

Fee: In Person: \$30 (Members)/\$36 (Nonmembers)

Live Virtual: \$15 (Members)/\$18 (Nonmembers)

Elective: All Certificates

In case of public health emergency, events will be held exclusively online.



Sugar maple (*Acer saccharum*)
Uli Lorimer © Native Plant Trust

Conservation Library Talks

Native Plant Trust presents the 2022-2023 Conservation Lecture Series, sharing the “Plant Communities of Massachusetts” talk for libraries around the state, free of charge. “Plant Communities of Massachusetts” offers audiences an overview of the extraordinary diversity of native plant communities in the state, with example plants and environmental features. You will gain greater awareness of and appreciation for the area’s habitats as well as knowledge about plant communities’ current status and ways to conserve local natural resources. This statewide initiative is made possible with the support of Local Cultural Council grants. To register, please check www.NativePlantTrust.org/education/classes/ throughout the fall for the date, program format, and registration page.

Deerfield

Lawrence

Montague

North Adams

Springfield

Sturbridge

Taunton

In case of public health emergency, events will be held exclusively online.



© Nathan Anderson

Online Learning

Self-Paced Courses

Plant Form and Function

This introduction to botany covers the basics of plant anatomy and physiology and addresses the fundamentals of the plant kingdom. We will take a microscopic look at roots, stems, leaves, and their component tissues. We will also examine flowers, fruits, and seeds and discuss pollination, fertilization, dispersal, and germination, with an emphasis on the relationship between plant form and function. This Basic Certificate online core course is self-paced, with opportunities for peer discussion, expert access for questions, and field projects. A facilitator will guide you in your learning, review your assignments, and answer your questions.

Course duration varies by student; typically, it takes at least 15-20 hours to complete.

Please note: registration closes Saturday, December 24 at 12 p.m. Course access ends on Monday, March 13, 2023, 12 p.m.

Online, Self-Paced

Monday, October 24, 2022, 12 p.m. through Monday, March 13, 2023, 12 p.m.

Registration closes Monday, December 24, 2022, at 12 p.m., course access ends on Monday, March 13, 2023, 12 p.m.

Program Code: CERO100

Instructor: George LoCascio, Assistant Professor, Mount Wachusett Community College

Fee: \$150 (Members)/\$200 (Nonmembers)

Certificate: Basic Core

01



Plant Ecology

This overview of plant ecology addresses the distribution and abundance of plants and their interactions with other organisms and the physical environment. We will explore factors that affect plants as individuals, populations, and communities, such as life history, resource use, competition, and animal-plant interactions (e.g., pollination, dispersal, herbivory). This Basic Certificate online core course is self-paced, with opportunities for peer discussion, expert access for questions, and field projects. A facilitator will guide you in your learning, review your assignments, and answer your questions. Course duration varies by student; typically, it takes at least 15-20 hours to complete.

Please note: registration closes Saturday, December 24 at 12 p.m. Course access ends on Monday, March 13, 2023, 12 p.m.

Online, Self-Paced

Monday, October 24, 2022, 12 p.m. through Monday, March 13, 2023, 12 p.m.

Registration closes Saturday, December 24, 2022, at 12 p.m. Course access ends on Monday, March 13, 2023, 12 p.m.

Program Code: CERO101

Instructor: Jennifer Boyd, environmental scientist

Fee: \$150 (Members)/\$200 (Nonmembers)

Certificate: Basic Core



02

Plant Families

What are the underlying evolutionary relationships and patterns in plants? In this foundational course, you will learn the botanical terms used to describe plants and flowers, the evolutionary/phylogenetic basis for classification, and the identifying characteristics for several major plant families common to New England. With diagrams, images, and further resources offered to reinforce the concepts, you will apply the new material through indoor and outdoor assignments and peer forums. This Basic Certificate online core course is self-paced, with opportunities for peer discussion, expert access for questions, and field projects. A facilitator will guide you in your learning, review your assignments, and answer your questions. Course duration varies by student; typically, it takes at least 15-20 hours to complete. (This course is also offered in-person - please see the In Person listings for details.)

Please note: registration closes Saturday, December 24 at 12 p.m. Course access ends on Monday, March 13, 2023, 12 p.m.

Online, self-paced

Monday, October 24, 2022, 12 p.m. through Monday, March 13, 2023, 12 p.m.

Registration closes Saturday, December 24, 2022, at 12 p.m. Course access ends on Monday, March 13, 2023, 12 p.m.

Program Code: CERO102

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$150 (Members)/\$200 (Nonmembers)

Certificate: Basic Core

Designing with Native Plants

This online course teaches the basics of designing with native plants and shows how to incorporate native plants into the garden and landscape. Discover the variety of native plants found throughout New England and learn how to design a visually interesting landscape that also supports biodiversity. You can complete the course at your own pace. It typically takes at least 12 hours to complete. **Please note: registration closes Monday, January 16 at 12 p.m. Course access ends on Monday, March 13, 2023, 12 p.m.**

Online, Self-Paced

Monday, October 24, 2022, 12 p.m. through
Monday, March 13, 2023, 12 p.m.

Registration closes Monday, January 16, 2023, at
12 p.m. Course access ends on Monday, March 13,
2023, 12 p.m.

Program Code: HORO100

Fee: \$80 (Members)/\$98 (Nonmembers)

Certificate: Elective: Basic and Advanced,
Horticulture



02



03

Gardening for Pollinators

This online course teaches how to convert a yard into productive pollinator habitat. Learn about issues associated with pollinator decline and current conservation efforts, then explore a variety of pollinators and the native plants that support their life cycles. The course also covers basic pollinator garden design and provides step-by-step instructions for selecting plants and installing and maintaining these habitats. You can complete the course at your own pace. It typically takes at least 12 hours to complete. **Please note: registration closes Monday, January 16 at 12 p.m. Course access ends on Monday, March 13, 2023, 12 p.m.**

Online, Self-Paced

Monday, October 24, 2022, 12 p.m. through
Monday, March 13, 2023, 12 p.m.

Registration closes Monday, January 16, 2023, at
12 p.m. Course access ends on Monday, March 13,
2023, 12 p.m.

Program Code: HORO101

Fee: \$80 (Members)/\$98 (Nonmembers)

Certificate: Elective: Basic and Advanced,
Horticulture



Axillary goldenrod (*Solidago caesia*)
Dan Jaffe © Native Plant Trust

Online Learning

Live Virtual Courses



01

Wildflowers of New England

This course provides a comprehensive introduction to native plants, including their identification, ecology, and conservation. We explore New England's native plants by studying key identification features of flowers, leaves, and stems; family characteristics; growth patterns; pollinators; seed dispersers; and habitats. You will learn basic botanical skills and tools to identify wildflowers and study pollination and coevolution of flower structure and design, habitats and ecology, and conservation concerns. (This course is also offered in person - please see the In Person listings for details.)

Live Virtual

Wednesdays, October 5, 12, 19, 26, 2022, 6-9 p.m.

Program Code: BOT3000

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$216 (Members)/\$264 (Nonmembers)

Certificate: Basic Core

Residential Landscape Design

This multi-session course teaches and applies the landscape design process in residential spaces. Our workshop sessions focus on design methods using site analysis techniques and schematic design tools. We will first address overarching design concepts and then discuss criteria for plant choice and placement within that context. You will learn to create and implement base maps, site analysis, design concepts, spatial relationships, plant palettes, and communication through weekly development of your own design project.

Live Virtual

Tuesdays, October 11, 18, 25, 2022, and November 1, 8, 2022, 9:30 a.m.-12:30 p.m.

Program Code: HOR3999

Instructor: Cheryl Salafino, Landscape Designer, MCH-Dancing Shadows Garden Design, LLC

Fee: \$270 (Members)/\$330 (Nonmembers)

Certificate: Advanced Core, Horticulture

02



Native New England Shrubs

Shrubs vary widely in size, shape, color, bark, flower, and fruit. This course introduces you to many of the native New England shrub species that can be found at Garden in the Woods and throughout the local ecoregion. We will focus on plant identification tools and techniques, developing an eye for identifying features of plants, and cultural plant uses. The course will include field assignments and peer discussion. (This course is also offered in person - please see the In Person listings for details.)

Live Virtual

Mondays, November 7, 14, 21, 2022, 6:30-8:30 p.m.

Program Code: BOT3300

Instructor: Brian Colleran, restoration ecologist

Fee: \$108 (Members)/\$132 (Nonmembers)

Certificate: Basic Core



03

03 Autumn olive
(*Elaeagnus umbellata*)
© JamesDeMers

04



Strategies for Invasive Plants Management

Invasive plants continue to be one of the main threats to the ecological integrity of natural communities and to populations of rare plants. Native Plant Trust's Ecological Programs Coordinator Erik Sechler examines different strategies for combating invasive plants, drawing on invasive plant management experiences with Native Plant Trust, the Massachusetts Invasive Plant Advisory Group, and the Sudbury-Assabet-Concord Watershed Cooperative Invasive Species Management Area.

Live Virtual

Tuesday, November 15, 2022, 1-2:30 p.m.

Program Code: BOTW901

Instructor: Erik Sechler, Ecological Programs Coordinator, Native Plant Trust

Fee: \$23 (Members)/\$27 (Nonmembers)

Certificate: Elective: Basic and Advanced Botany

04 Mountain American-laurel
(*Kalmia latifolia*)
Dan Jaffe © Native Plant Trust

Native Species, Cultivars, and Selections

What is a native plant? How do I decide what is best for my garden and for the environment? This session will help you answer these frequently asked questions. You will learn about the nuances that distinguish cultivars from native plant selections and the implications for the garden and beyond.

Live Virtual

Thursday, November 17, 2022, 12:30-2:30 p.m.

Program Code: HOR1090

Instructor: Uli Lorimer, Director of Horticulture, Native Plant Trust

Fee: \$30 (Members)/\$36 (Nonmembers)

Certificate: Elective: Basic and Advanced, Horticulture

The Meaning of Gardens

For garden makers and visitors alike, the beauty or symbolism of a garden may kindle a sense of connection to a larger world, physical or imaginary. Garden creation begins in the imagination as a quest for meaning. We will explore the process of imagining a garden that holds personal meaning and look at examples of types of gardens that fulfill meaning-making for their creators or visitors.

Live Virtual

Friday, December 9, 2022, 1-2 p.m.

Program Code: HORW502

Instructor: Jane Roy Brown, Writer/Editor, Native Plant Trust

Fee: \$12 (Members)/\$15 (Nonmembers)

Certificate: Elective: All Certificates

History and Principles of Landscape Design

As horticulturists and landscape designers, we need a strong foundation in the cultural history and theory of landscape to fully understand our work in the garden. In this course, we will explore Eastern and Western garden design, including long-practiced principles that encourage sustainable and ecological approaches in the landscape design field. This history survey will include visual presentations, readings, projects, and discussion.

Live Virtual

Tuesdays, January 10, 17, 24, 31, 2023, 6-8:30 p.m.

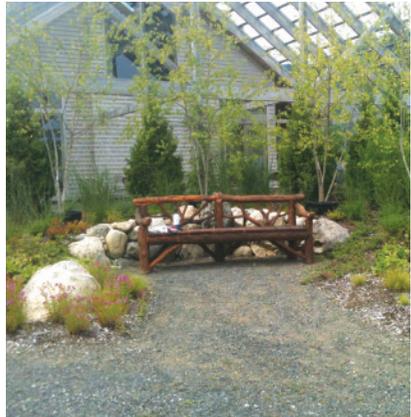
Program Code: HOR8040

Instructor: Staci Jasin, landscape designer

Fee: \$180 (Members)/\$220 (Nonmembers)

Certificate: Advanced Core, Horticulture

05





06

Restoration Ecology 101

Ecological restoration is a discipline with many applications. This webinar is meant for those who want to know what the term “restoration” means in an ecological context, rather than for those who have experience conducting restoration. Ideal students would be those who have an interest in making their lands more friendly to native flora and fauna, and want to take their first steps, but don’t know what to do.

Live Virtual

Friday, January 13, 2023, 1-2 p.m.

Program Code: BOT3816

Instructor: Brian Colleran, restoration ecologist

Fee: \$12 (Members)/\$15 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

Navigating Public Design

Community spaces are exciting projects to envision and realize. In this class, you will learn a process for bringing stakeholders together to collaborate in creating outdoor spaces that are equitable, meaningful and useful for all. We will explore how to use your creative ideas to build partnerships, fundraise, overcome obstacles, and draw visitors to your public landscape, with an emphasis on the creation of spaces that are both ecologically and operationally sustainable.

Live Virtual

Thursdays, January 12, 19, 2023, 6:30-8:30 p.m.

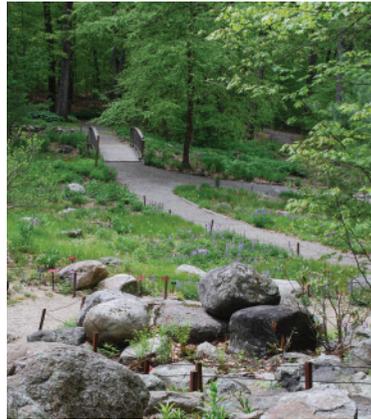
Program Code: HOR8026

Instructor: Staci Jasin, landscape designer

Fee: \$30 (Members)/\$36 (Nonmembers)

Certificate: Elective: Basic and Advanced, Horticulture

07



Conservation Biology

This introduction to conservation biology and biodiversity covers the factors that make a species vulnerable to extinction and the strategies and tools that can be used to protect plants and ecosystems. The course explores the interdisciplinary nature of conservation biology through readings, group exercises, and video clips. Participants receive a bibliography of resources for further study.

Live Virtual

Saturdays, January 21, 28, February 4, 2023, 10 a.m.-2 p.m.

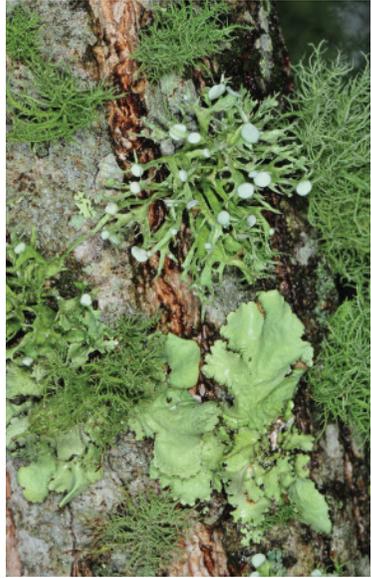
Program Code: BOT5100

Instructor: George LoCascio, Assistant Professor, Mount Wachuseit Community College

Fee: \$216 (Members)/\$264 (Nonmembers)

Certificate: Advanced Core, Botany

08



Natural Community Mapping of the Sanctuaries

Native Plant Trust owns and conserves seven native plant sanctuaries throughout New England, each of which boasts unique natural communities. Join us for a detailed look at the natural-community mapping process, which encompasses how we research the plants in the field, record them using digital mapping tools, identify and classify the community types, and use the information to create conservation strategies.

Live Virtual

Tuesday, January 24, 2023, 1-2 p.m.

Program Code: BOTW407

Instructor: Erik Sechler, Ecological Programs Coordinator, Native Plant Trust

Fee: \$12 (Members)/\$15 (Nonmembers)

Certificate: Elective: All Certificates

Green in the Winterscape

A surprising number of plants remain green through the winter—lichens, mosses and liverworts, ferns, ericaceous shrubs and evergreen trees, and many more. Which plants stay green, how, and why? In this class, you will learn how to recognize and identify the groups of evergreen plants and explore evolution and strategies for year-round foliage.

Live Virtual

Thursday, January 26, 2023, 1-4 p.m.

Program Code: BOT3326

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$45 (Members)/\$54 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

Native Plants for Professionals

This class is for garden professionals looking to integrate native plants into their palettes and will introduce participants to a variety of ecological planting concepts as well as to some native plants themselves. Topics will include how to define “native,” basics about native plants’ benefits, selection of the right plants for the right place and purpose, resources and references for plant selection, and nitty-gritty topics such as lawn replacement and plants for typically difficult spots. Participants will see examples of successful native plantings and appealing species, and will leave the class with an arsenal of resources, references, and plant lists to get them started.

Live Virtual

Friday, January 27, 2023, 12:30-3:30 p.m.

Program Code: HOR1199

Instructor: David Falk, Senior Horticulturist, Native Plant Trust

Fee: \$45 (Members)/\$54 (Nonmembers)

Certificate: Elective: Advanced, Horticulture

10



Framework Trees

Forests are a dominant feature of the New England landscape. This course covers the history, changes in composition, and ecology of the region’s forest from the Ice Age through European settlement. We explore the impact of past natural and human disturbances on the landscape and learn how current forestry practices shape forest communities. You will learn to identify native trees, their habitats, and their communities. (This course is also offered in person - please see the In Person listings for details.)

Live Virtual

Mondays, January 30, Feb 6, 13, 20, 2023, 12-3 p.m.

Program Code: BOT3200

Instructor: Uli Lorimer, Director of Horticulture, Native Plant Trust

Fee: \$216 (Members)/\$264 (Nonmembers)

Certificate: Basic Core

09



How to Keep a Wild Garden Tidy

A wild garden is an ecologically valuable garden, highly sustainable and healing to all who share it. A tidy garden is an accessible garden, easy to enjoy and appreciate. Are these two garden ideals incompatible? Join horticulturist David Falk for a discussion of these garden issues and delve into plants and techniques to help reconcile this seeming opposition.

Live Virtual

Friday, February 3, 2023, 10 a.m.-12 p.m.

Program Code: HOR1052

Instructor: David Falk, Senior Horticulturist, Native Plant Trust

Fee: \$30 (Members)/\$36 (Nonmembers)

Certificate: Elective: Basic and Advanced, Horticulture

12



Bird Monitoring and Habitat Assemblages

By identifying the song of a warbling vireo (*Vireo gilvus*) in a riparian stream habitat, or that of a black-throated green warbler (*Setophaga virens*) in a mixed coniferous-hardwood forest, an observer can deduce characteristics about the habitat. Monitoring birds in an area over a period of time can help us understand the habitat type, quality, and management. This class will explore assemblages between Massachusetts Natural Community types and the bird species found in those community types, as well as structural components that are critical for these bird species.

Live Virtual

Wednesday, February 8, 2023, 1-2 p.m.

Program Code: BOT5044

Instructor: Erik Sechler, Ecological Programs Coordinator, Native Plant Trust

Fee: \$12 (Members)/\$15 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

11



Native Ground Covers

Native ground covers are the workhorses of vibrant, multi-layered landscapes, offering a rich alternative to monoculture lawns. These low-growing plants form a vital living mulch that protects and enriches soil, and their beautiful tapestry of foliage, blooms and berries offers a long season of interest to people and pollinators. You will learn how to incorporate native ground covers into urban green spaces, around residential settings, and along roadsides. You will come away with ideas to fuel your winter design projects and spring planting choices, including inspiring combinations that can make landscapes more attractive, climate-resilient and beneficial to wildlife.

Live Virtual

Wednesday, February 9, 2023, 1-2 p.m.

Program Code: BOT5044

Instructor: Anna Fialkoff, Ecological Programs Manager, Wild Seed Project

Fee: \$12 (Members)/\$15 (Nonmembers)

Certificate: Basic and Advanced, Botany

14



Understanding and Managing Soils

This course explores the biotic and abiotic components that create native soils and explains how these factors inform local flora. We will take a closer look at soil structure and soil biology in miniature lab experiments. (This class is also offered in person - please see In Person listings for details.)

Live Virtual

Fridays, February 10, 17, 2023, 9:30 a.m.-12:30 p.m.

Program Code: HOR3604

Instructor: Alexis Doshas, Nursery Manager, Native Plant Trust

Fee: \$108 (Members)/\$132 (Nonmembers)

Certificate: Basic Core

13



Milkweeds and Dogbanes

Milkweeds (*Asclepias*) are some of the most attractive and fragrant wildflowers, and are magnets for butterflies and pollinators. Learn about their special relationship with monarch butterflies, complex flower structure, ingenious pollination strategy, and protective chemical arsenal. This class will help you identify the common and rare species and recognize their surprising range of habitats. You will also learn tips for milkweed cultivation and discuss the dangers that threaten this native plant.

Live Virtual

Thursday, February 16, 2023, 6-9 p.m.

Program Code: BOT3025

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$60 (Members)/\$72 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany



15

16



Plant Nutrients

What are mineral nutrients, and how do plants use them? What are the signs of deficiencies and toxicities? In this course, you will learn some mineral nutrient basics through an overview of soils, chemistry, and plant anatomy. We will explore how plants acquire, use, and translocate mineral nutrients. We will also learn how to determine the impact of mineral nutrients on a plant's health and how to help plants suffering from improper nutrition.

Live Virtual

Saturdays, February 18, 25, March 4, 2023,
10 a.m.-12 p.m.

Program Code: HOR3908

Instructor: George LoCascio, Assistant Professor,
Mount Wachuseff Community College

Fee: \$90 (Members)/\$108 (Nonmembers)

Elective: All Certificates

Predatory Plants

Insectivorous and parasitic plants are an anomaly in the plant world, where self-sufficiency is the norm. This class covers the more familiar pitcher plants (*Sarracenia*), sundews (*Drosera*), and dodder vines (*Cuscuta*) as well as lesser-known groups such as the bladderworts (*Utricularia*) and broom rapes (*Orobanchaceae*). Learn about the habitats, unusual life cycles, and curious behavior of these New England plants.

Live virtual

Thursday, February 23, 2023, 12:30-3:30 p.m.

Program Code: BOT2317

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$45 (Members)/\$54 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

Rare Flora of the Sanctuaries

Native Plant Trust acquired our seven plant sanctuaries for the exceptional flora present in each space. Each sanctuary has a different habitat characterized by unique flora. In this webinar, Native Plant Trust's Ecological Programs Coordinator Erik Sechler focuses on the ecology and characteristics of the unique and rare plant species found in these natural areas.

Live Virtual

Tuesday, March 7, 2023, 1-2 p.m.

Program Code: BOTW405

Instructor: Erik Sechler, Ecological Programs Coordinator, Native Plant Trust

Fee: \$12 (Members)/\$15 (Nonmembers)

Certificate: Elective: All Certificates

17



Riparian Communities

River shores and stream banks have unique riparian vegetation that is adapted to changing water levels. In this virtual program, we will follow the Sudbury and Assabet rivers from the watershed's headwaters in Westborough to its junction with the Merrimack River in Lowell. Along the way, we will encounter Atlantic cedar swamps, floodplain forests, shrub swamps, emergent marshes, and oxbow lakes as well as the species that characterize them. We will also learn about threats posed by dams, clearing, and pollution.

Live Virtual

Monday, March 13, 2023, 1-3 p.m.

Program Code: BOT1151

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$30 (Members)/\$36 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

Orchids of New England

Orchidaceae is one of the largest plant families in the world, and there are 50 orchid species native to New England, from showy lady's-slipper (*Cypripedium reginae*) to rose pogonia (*Pogonia ophioglossoides*). While some species are common, many are of conservation concern. This class provides context for understanding native orchid habitats, diversity, and conservation issues. You will learn identification techniques, pollination strategies, and life-cycle stages for native orchids.

Live Virtual

Wednesday, March 22, 2023, 12:30-3:30 p.m.

Program Code: BOT3036

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$60 (Members)/\$72 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

Edible Invasives

Invasive species are a significant threat to global biodiversity, and conservationists are constantly looking for new ways to manage their continued expansion into native ecosystems. While traditional methods to control invasive species have included mechanical and chemical strategies, in recent years there has been a growing movement to see if we can control invasive species by eating them. In this presentation, we will learn about the history of eating invasive species and the merits and drawbacks of the strategy.

Live Virtual

Tuesday, March 28, 2022, 2-3 p.m.

Program code: HOR1053

Instructor: Micah Jasny, Botanical Coordinator, Native Plant Trust

Fee: \$12 (Members)/\$15 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany



18

New England Climbers

Native climbers are an ecologically and taxonomically varied group of plants. They range from rare and vulnerable species, such as Allegheny vine (*Adlumia fungosa*) and the American climbing fern (*Lygodium palmatum*) to those proliferating due to forest fragmentation and warming climate, such as wild grapes (*Vitis spp.*) and poison ivy (*Toxicodendron radicans*). Learn about 50 climbers and become familiar with identification characteristics.

Live Virtual

Thursday, April 6, 2023, 3-6 p.m.

Program Code: BOT3020

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$60 (Members)/\$72 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

American climbing fern
(*Lygodium palmatum*)
Uli Lorimer © Native Plant Trust



In Person Learning

Please note: in the case of a public health emergency, events will be adapted to be held exclusively online.

Seed Conservation

Seed banking, or ex situ conservation, is an effective method of conserving rare and endangered flora for future generations. Join Michael Piantedosi as we explore the process of procuring, cleaning, and accessioning seeds in a seed bank. We will focus on this process in three parts: seed collection (part 1), seed cleaning and processing (part 2), and seed storage for indefinite freezing at 0°F (part 3). This course is suitable for professional conservationists as well as those interested in peeking behind the curtain at Native Plant Trust's regional seed bank. The first two classes will be at Garden in the Woods; the last class will be at Nasami Farm.

Garden in the Woods, Framingham, MA, and
Nasami Farm, Whately, MA

Wednesdays, October 5, 19, November 9, 2022,
10 a.m.-1 p.m.

Program Code: BOT5133

Instructor: Michael Piantedosi, Director of
Conservation, Native Plant Trust

Fee: \$162 (Members)/\$198 (Nonmembers)

Certificate: Advanced Core, Botany

Wildflowers of New England

This course provides a comprehensive introduction to native plants, including their identification, ecology, and conservation. We explore New England's native plants in a field setting at Garden in the Woods by studying key identification features of flowers, leaves, and stems; family characteristics; growth patterns; pollinators; seed dispersers; and habitats. You will learn basic botanical skills and tools to identify wildflowers and study pollination and coevolution of flower structure and design, habitats and ecology, and conservation concerns. (This course is also offered in Live Virtual format - please see the Online listings for details.)

Garden in the Woods, Framingham, MA

Thursdays, October 6, 13, 20, 27, 2022,
12:30-3:30 p.m.

Program Code: BOT3000

Instructor: Neela de Zoysa, botanist, adjunct faculty,
Landscape Architecture, Boston Architectural
College

Fee: \$216 (Members)/\$264 (Nonmembers)

Certificate: Basic Core

Plant Families

What are the underlying evolutionary relationships and patterns in plants? In this class, we use both microscopic and field investigation to decipher the clues to familial relationships and classifications of the region's plants. You will learn botanical terms to describe plants and flowers, the evolutionary/phylogenetic basis for classification, and the identifying characteristics for several major plant families common to New England. (This course is also offered in an Online, Self-Paced format - please see the Online Learning section for details.)

Garden in the Woods, Framingham, MA

Sundays, October 16, 23, 30, 2022, 12:30-4:30 p.m.

Program Code: BOT2260

Instructor: Neela de Zoysa, botanist, adjunct faculty, Landscape Architecture, Boston Architectural College

Fee: \$216 (Members)/\$264 (Nonmembers)

Certificate: Basic Core



01

02



Native New England Shrubs

Shrubs vary widely in size, shape, color, bark, flower, and fruit. This course introduces you to many of the native New England shrub species that can be found at Garden in the Woods and throughout the local ecoregion. We will focus on plant identification tools and techniques, developing an eye for identifying features of plants, and cultural plant uses. The course will include field assignments and peer discussion. (This course is also offered in Live Virtual format - please see the Online listings for details.)

Garden in the Woods, Framingham, MA

Friday, October 21, 2022, 9:30 a.m.-3:30 p.m.

Program Code: BOT3300

Instructor: Brian Colleran, restoration ecologist

Fee: \$108 (Members)/\$132 (Nonmembers)

Certificate: Basic Core

Site Preparation for Landscape Transformation



03

Many people consider reducing lawns, converting hayfields, cleaning out weed patches, and otherwise transforming landscapes into pollinator gardens or meadows with native plants. Site preparation is critical, but it is often overlooked in the quest for a finished appearance. This primer covers planning, timelines, and online sources of site information. You will also learn some tips on how to do critical chores, including weed removal.

Nasami Farm, Whately, MA

Friday, January 20, 2023, 9:30 a.m.-12:30 p.m.

Elective: Basic and Advanced, Horticulture

Program Code: HOR8028

Instructor: Kathy Connolly, Landscape Designer, Speaking of Landscapes, LLC.

Fee: \$45 (Members)/\$54 (Nonmembers)

Certificate: Elective: Basic and Advanced, Horticulture

Propagation: Native Seeds

In this interactive workshop, we will learn how to grow native plants from seed, and why the skill is relevant in a horticultural context. Topics covered include germination requirements, seed cleaning, and seed-sowing techniques for many of our native species. We will cover proper wild collection protocols and venture into the field to collect some common native species found at Nasami Farm.

Nasami Farm, Whately, MA

Friday, November 18, 2022, 12:30-4 p.m.

Program Code: HOR1221

Instructor: Alexis Doshas, Nursery Manager, Native Plant Trust

Fee: \$72 (Members)/\$88 (Nonmembers)

Certificate: Advanced Core, Horticulture

04



04 Spotted bee-balm (*Monarda punctata*) © Rachel Wolff-Lander

Framework Trees

Forests are a dominant feature of the New England landscape. This course covers the history, changes in composition, and ecology of the region's forest from the Ice Age through European settlement. We explore the impact of past natural and human disturbances on the landscape and learn how current forestry practices shape forest communities. You will learn to identify native trees, their habitats, and their communities. (This class is also offered in a virtual format - please see the Online listings for details.)

Garden in the Woods, Framingham, MA

Tuesdays, January 31, February 7, 14, 21, 2023,
12-3 p.m.

Program Code: BOT3200

Instructor: Uli Lorimer, Director of Horticulture,
Native Plant Trust

Fee: \$216 (Members)/\$264 (Nonmembers)

Certificate: Basic Core



05

05 Jack pine (*Pinus banksiana*) forest
© Native Plant Trust

06



East Asian Cousins: Similarities in the Flora of China and Eastern United States

This program will present a number of Chinese plant species that are closely related and very similar in appearance to species in the eastern United States. We will discuss the ancient connections and plant interchanges that occasioned these floristic relationships between these geographically remote parts of the world. Images in the program will pair related, similar looking plants from China and the United States.

Garden in the Woods, Framingham, MA

Saturday, February 11, 2023, 10:30 a.m.-12:30 p.m.

Program Code: BOT4032

Instructor: Ted Elliman, botanist and author
Wildflowers of New England

Fee: \$30 (Members)/\$36 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

06 Swamp gentian
(*Gentiana paludosa*)
© Liza Green



07

Understanding and Managing Soils

This course explores the biotic and abiotic components that create native soils and explains how these factors inform local flora. We will take a closer look at soil structure and soil biology in miniature lab experiments. (This class is also offered in a Live Virtual Format - please see Online listings for details.)

Nasami Farm, Whately, MA

Friday, February 24, 2023, 10 a.m.-4 p.m.

Program Code: HOR3604

Instructor: Alexis Doshas, Nursery Manager,
Native Plant Trust

Fee: \$108 (Members)/\$132 (Nonmembers)

Certificate: Basic Core

Winter Pruning

Proper pruning of trees and shrubs improves their health and structure while enhancing their appearance in the landscape. Gain hands-on experience and learn basic pruning principles, including how to make proper cuts, when to prune different species, and how to select and maintain tools.

Garden in the Woods, Framingham, MA

Offered twice:

Friday, February 24, 2023, 1-3 p.m. **OR** Friday, March 10, 2023, 1-3 p.m.

Program Code: HOR1213

Instructor: David Falk, Senior Horticulturist,
Native Plant Trust

Fee: \$30 (Members)/\$36 (Nonmembers)

Certificate: Elective: Basic

Rare Plant Families

Where have all the flowers gone? Many are in decline; some more than others. In this class, we will gain a better understanding of the most threatened New England plant families. We will assess the varied effects of conservation concern on plant families ranging from the orchid family (*Orchidaceae*) to moonworts (*Botrychium*). In addition, we will discuss actions that Native Plant Trust and conservationists in the region are conducting to protect the taxa most in need.

Garden in the Woods, Framingham, MA

Thursday, March 2, 2023, 10:30 a.m.-12:30 p.m.

Program Code: BOT2270

Instructor: Michael Piantedosi, Director of
Conservation, Native Plant Trust

Fee: \$45 (Members)/\$54 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

Horticultural Techniques

Good horticultural practices form the backbone of any successful garden, and understanding how to apply these practices is the first step toward becoming a horticulturist. We will discuss how to select the right plant for the right place and how to plant and care for native plants. You will learn proper techniques for transplanting, preparing soil, mulching, watering, and pruning as well as maintaining, winterizing, and preparing the garden for the next growing season.

Garden in the Woods, Framingham, MA
 Thursdays, March 23, 30, 2023, 12:30-2:30 p.m.
 Program Code: HOR3600

Instructor: Uli Lorimer, Director of Horticulture,
 Native Plant Trust

Fee: \$72 (Members)/\$88 (Nonmembers)

Certificate: Advanced Core, Horticulture

09



Rich Mesic Forests

This program will discuss the sugar maple - white ash forest communities that have such a remarkable diversity of native plants. The talk will cover the location of these communities in New England, their physical features, and, in detail, their flora. Threats to this community, such as invasive plants and the emerald ash borer will also be discussed.

Garden in the Woods, Framingham, MA
 Saturday, March 25, 2023, 10:30 a.m.-12:30 p.m.
 Program Code: BOT4031

Instructor: Ted Elliman, botanist and author
Wildflowers of New England

Fee: \$30 (Members)/\$36 (Nonmembers)

Certificate: Elective: Basic and Advanced, Botany

07



Native Plant Dyes

For centuries, people have used natural materials to bring color into everyday life through wardrobe and fashion. Today, approximately 90 percent of dyes used in clothing are synthetic; many are made through unsustainable processes. In New England, we are surrounded by plants that can be turned into vibrant and lush pigments, which in turn can be applied to natural fibers such as wool, hemp, or cotton. In this class, we'll discuss useful dye plants of the Northeast and New England ecoregions and explore how to process, extract, and bind these colors to fabric. Basic terminology of natural dyes, methods of plant identification, and ethical harvest of plant parts will also be covered. As we conclude, a brief showcase of plant-dyed fabrics will be displayed. Join us for a fun, simple introduction to natural dyes from plants.

Garden in the Woods, Framingham, MA

Wednesday, March 29, 2023, 12:30-2 p.m.

Program Code: ART2700

Instructor: Michael Piantedosi, Director of Conservation, Native Plant Trust

Fee: \$38 (Members)/\$45 (Nonmembers)

Certificate: Elective: All Certificates

Meadows 1-2-3

Learn how native plant meadow-making differs from other forms of horticulture. We will discuss site selection, community and social factors, site preparation, plant selection, planting, and what to expect in years 1, 2, and 3. This program is appropriate for all learning levels, and extensive resource material is provided.

Nasami Farm, Whately, MA

Friday, April 14, 2023, 10 a.m.-4 p.m.

Program Code: HOR8001

Instructor: Kathy Connolly, Landscape Designer, Speaking of Landscapes, LLC.

Fee: \$90 (Members)/\$108 (Nonmembers)

Certificate: Elective: Basic and Advanced, Horticulture

10





Garden in the Woods Meadow
Uli Lorimer © Native Plant Trust

Field Studies

Live Virtual and In Person

Please note: in the case of a public health emergency, events will be adapted to be held exclusively online.

Invasive Knotweeds: Predicting Impacts

How and why do invasive knotweeds cause erosion, and what can you do about it? In this hybrid course, you will learn about the larger context of knotweeds, including how their management contributes to a more climate-resilient future and ways to integrate new scientific findings into existing conservation practices. The first class will be live virtual and the second will take place in the field. The first class will explore what the scientific literature can tell us, and in the field, we will develop predictions for how winter will impact the location(s) we visit. Future attendance at Invasive Knotweeds: Evaluating Impacts is helpful though not required.

The first session of this two-session course will be taught live virtual on October 20. The second session on October 22 will be taught in-person in the field in Western Connecticut. The field location will be sent about a week before the course meets.

Hybrid: Live Virtual and In person

Live virtual: Thursday, October 20, 2022, 6:30-8:30 p.m. and In person in the field: Saturday, October 22, 2022, 12:30-2:30 p.m.

Program Code: BOT3814

Instructor: Brian Colleran, restoration ecologist

Fee: \$60 (Members)/\$72 (Nonmembers)

Certificate: Field: Basic and Advanced, Botany

Rare Species Require Rare Habitats: Norcross Wildlife Sanctuary, Wales, MA

Did you know that roughly half of the endangered terrestrial species in our region make their homes in fire-adapted ecosystems; or that bobolink need a minimum of 10 acres of open grass dominated habitat to nest? Rare species often require more than just the right plants, they require the right ecosystem. Join Dan Jaffe Wilder, Director of Applied Ecology at Norcross Wildlife Foundation for a walking tour of the Norcross grounds while he discusses some of the unique habitats that Norcross is working to build, enhance, and restore on its 8,000-acre wildlife sanctuary. With an emphasis on landscape maintenance and species composition, this walk-and-talk will provide attendees with details about what habitat construction looks like on the large scale as well as what tools can be used on our own home landscapes to accomplish similar goals in our own backyards.

Norcross Wildlife Foundation, Wales, MA

Saturday, October 22, 2022, 10 a.m.-12:30 p.m.

Program Code: BOT4033

Instructor: Dan Jaffe Wilder, Director of Applied Ecology, Norcross Wildlife Foundation

Fee: \$30 (Members)/\$38 (Nonmembers)

Certificate: Field: Basic and Advanced Botany

Cosponsor: Norcross Wildlife Foundation

Invasive Knotweeds: Evaluating Impacts

How and why do invasive knotweeds cause erosion, and what can you do about it? In this hybrid course, you will learn about the larger context of knotweeds, including how their management contributes to a more climate-resilient future and ways to integrate new scientific findings into existing conservation practices. The first class will be live virtual and the second will take place in the field. The online portion will review the site investigation done in “Invasive Knotweeds: Predicting Impacts,” to begin developing management ideas. The field portion will evaluate changes brought about by winter, and evaluate the feasibility of the management ideas developed in the online portion of the course. Attendance at “Invasive Knotweeds: Predicting Impacts” is helpful, though not required.

The first session of this two-session course will be taught live virtual on March 30; the second session on April 1 will be taught in-person in the field in western CT. The field location will be sent about a week before the course meets.

Hybrid: Live Virtual and In person

Live virtual: Thursday, March 30, 2023, 6:30-8:30 p.m.
and In person in the field, western CT: Saturday, April 1, 2023, 12:30-2:30 p.m.

Program Code: BOT3815

Instructor: Brian Colleran, restoration ecologist

Fee: \$60 (Members)/\$72 (Nonmembers)

Certificate: Field: Basic and Advanced, Botany

Japanese knotweed (*Fallopia japonica*)
© SumthinSpeshul

Certificate Program

Whether you are interested in taking classes for fun, to add breadth and depth to your existing knowledge and skills, or to advance your career, our self-paced certificate programs in Native Plant Studies offer a unique opportunity to learn about the region's flora. Students enrolled in our certificate programs learn to identify, cultivate, and conserve native New England plants while gaining a greater appreciation for their ecological importance. Students also actively participate in ongoing public and private efforts to preserve and restore native New England flora.

Enrollment in the Certificate Program is not required to register for a certificate core course. However, please be aware that courses are designed for the level of certificate students.

The Basic Certificate track familiarizes students with the plants of New England, emphasizing structures, skills, and processes. We highly recommend beginning with the Foundations courses, which introduce students to native plant vocabulary, morphology, physiology, ecological context, evolution, and relationships. This knowledge is applied to subsequent courses.

All Basic Certificate core courses are now offered every semester, both in person and virtually.

Foundations:

Plant Form and Function

Plant Ecology

Plant Families

Plants and Their Habitats:

Wildflowers of New England

Native New England Shrubs

Framework Trees of New England

Specialty:

Understanding and Managing Soils

Two Electives (one Botany, one Horticulture)

Application:

Two Studies (one Field, one Landscape)

Community Service: 15 hours

Final Portfolio (Your portfolio is a collection of your completed course materials.)



01

The Advanced Certificate tracks encourage students to apply their plant knowledge in a Botany & Conservation specialty or a Horticulture & Design specialty. To enter an Advanced track, students must complete the Basic Certificate or have enough experience to qualify for a Basic Certificate. We recommend beginning with the Foundations courses, which provide context for the field or landscape application. All Advanced core courses are offered every year.

Advanced Botany & Conservation:

Foundations:

Conservation Biology
New England Plant Communities
Plant Systematics

Field Conservation:

Field Identification Techniques
Botanical Inventory Methods and Techniques
Wetland Identification and Delineation
Seed Conservation

Specialty:

Invasive Plants: Identification, Documentation, and Control
Two Botany Electives

Application:

Two Field Studies
Community Service Leadership Project:
25 hours
Final Portfolio (Your portfolio is a collection of your completed course materials.)

02



Advanced Horticulture & Design

Foundations:

Landscape for Life
History and Principles of Landscape Design
Horticultural Techniques

Building Your Plant Palette:

Residential Landscape Design
Native Herbaceous Plant Materials:
Early Season
Native Herbaceous Plant Materials:
Late Season
Native Woody Plant Materials

Specialty:

Propagation
Two Horticulture Electives

Application:

Two Landscape Studies
Community Service Leadership Project:
25 hours
Final Portfolio (Your portfolio is a collection of your completed course materials.)

Registration

Please visit NativePlantTrust.org/education to register for our programs. American Express, Discover, Visa, and MasterCard accepted. For questions regarding registration, email education@NativePlantTrust.org.

ADVANCE REGISTRATION is required for all fee-based programs and is accepted on a first come, first-served basis upon full payment. Early registration is encouraged; programs with insufficient registration may be cancelled five business days before the scheduled start date. If your requested program is filled, please add yourself to the wait list; if space becomes available, you will be contacted according to your position on the wait list. No refunds or transfers can be given for withdrawals within a week of the program start date, or for class sessions you have not attended, except for COVID-19 related reasons. We believe education is interactive, with instructors and students building a community and culture of learning. For this reason, we do not provide virtual program recordings.

EQUAL ACCESS If you need assistance or special accommodations, email education@NativePlantTrust.org or call (508) 877-7630 x3303, at the time you register or as soon as possible thereafter.

Membership

For a full description of member benefits, please visit our website or call (508) 877-7630 x3104

NativePlantTrust.org/support

For immediate discounts on programs, join or renew when you register. Members help conserve and promote the region's native plants to ensure healthy, biologically diverse landscapes.

MEMBERSHIP BENEFITS INCLUDE:

- * Discounts on educational programs throughout New England
- * Annual subscription to Native Plant Trust publications
- * Monthly member e-newsletter
- * Discounts at a wide range of regional and mail-order nurseries through our Nursery Connections Program and our Garden Shops
- * Access to member-only on-demand webinars
- * Invitations to special members' only events

MEMBERSHIP LEVELS:

- * Individual \$40
- * Individual with Garden Access \$55
- * Family/Friends \$75
- * Contributor \$115
- * Supporter \$250
- * Sustainer \$500
- * Conservation Circle \$1,000

Donate

This year, you and fellow plant lovers across the country have gone outdoors and online to learn about plants. Today you have a wonderful opportunity to show your appreciation for the native plants that bring you peace and joy—and for the programs that help you identify, protect, and grow them.

With the record-breaking demand for our classes, we need your support to continue providing new content in accessible formats. Participant fees do not cover the costs of developing and delivering innovative programs. We need your help to keep more than 200 educational experiences available and affordable to everyone this year.

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Use the envelope provided in this catalog

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More than ever before, people are turning to Native Plant Trust to learn about the natural world. Your generosity will help provide botany and horticulture programs that inspire thousands of people and benefit our planet.

www.NativePlantTrust.org/fundprograms

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