

# NATIVE PLANT PROGRAMS



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

[NativePlantTrust.org/education](https://NativePlantTrust.org/education)

SPRING/SUMMER 2024

## NATIVE PLANT PROGRAMS

### DESIGN

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Emily Renaud

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"Bellingham Biodiversity," 48×36in,  
mixed media on wood panel  
© Julie Baer

### ABOUT US

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. From our base in Massachusetts, staff and 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.

Learn more at  
[NativePlantTrust.org](http://NativePlantTrust.org).

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"Trees and plants always look like the people they live with, somehow."

—ZORA NEALE HURSTON

Welcome to the spring/summer 2024 season of Native Plant Trust's educational offerings! We are excited to bring you an abundance of new programming.

In this catalog, you will find an expanded Youth & Family section as well as new and exciting Art & Nature programming. In addition to our tried and true foundational courses, you will encounter courses that approach botany, horticulture, and conservation from new angles. We are also thrilled to introduce our 2024 visiting artist, Julie C. Baer, and look forward to all of the discoveries she will make as she connects with our beloved Garden in the Woods.

As we continue to engage with an ever-expanding network of thinkers, makers, scientists, and educators, we welcome your ideas and questions. Please feel free to reach out to us any time at [education@NativePlantTrust.org](mailto:education@NativePlantTrust.org), and visit [www.NativePlantTrust.org](http://www.NativePlantTrust.org) for updates and more information about our programming.

We look forward to seeing you at one of our upcoming programs, and we thank you for your continued support, enthusiasm, and commitment to native plants.



**BESS PAUPECK**  
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# Spring/Summer 2024 Native Plant Programs

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Public Events / **p4**

Youth & Family / **p12**

Courses / **p16**

Native Plant Certificate Program / **p48**

Program Registration & Membership / **p52**

**FULL CATALOG INDEX ON P55**



SPRING/SUMMER 2024

# Public Events

Trillium Week / **p6**

Twilight Trilliums / **p6**

Queer Botany / **p7**

Sonifying Nature / **p8**

The Native Plant Trust Visiting  
Artist Program

*Regarding Nature* Exhibit  
Opening Reception / **p11**

Artist Talk / **p11**

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# Trillium Week

## Trillium Week: May 12-19, 2024

In 2013, the Garden in the Woods trillium collection was recognized as a Nationally Accredited Plant Collection by the American Public Gardens Association's Plant Collections Network. Please join us for our ninth annual Trillium Week to celebrate the beauty and variety of trilliums at the Garden.

### Trillium Tours

Take a guided tour for an in-depth look at Native Plant Trust's award-winning trillium collection. Trillium Tours are free with garden admission and meet at the Visitor Center.

Wednesday, May 15, 2024, 11 AM-12:30 PM

Friday, May 17, 2024, 11 AM-12:30 PM

Saturday, May 18, 2024, 2-3:30 PM

Sunday, May 19, 2024, 2-3:30 PM

### Twilight Trilliums

Stroll the Garden after hours during Trillium Week, and enjoy the sight of gorgeous ephemerals like great wakerobin (*Trillium grandiflorum*) and sweet wakerobin (*Trillium vaseyi*) on a beautiful spring evening. Garden admission and light refreshments are included with registration.

Garden in the Woods, Framingham, MA

Friday, May 17, 2024, 6-8 PM

Program Code: BOT1600

Fee: \$34 (Members)/\$40 (Nonmembers)



01

## Queer Botany

Come spend an afternoon celebrating Pride Month and appreciating the diversity of native plants. Join a collaborative discussion with queer-identifying field botanists, horticulturalists, and plant scientists. Conversation will center on queerness in botany and native plants. We will consider native plant morphologies and life cycles from a queer perspective. Following the discussion, we will break for lunch, then explore the garden in search of attributes of queerness in the plants we encounter. Although Queer Botany will focus on the LGBTQIA+ community, anyone is welcome to attend regardless of how they identify.

This event is a collaboration between Native Plant Trust and Flora, Fauna, & Fungi Ecological Resource Network.

Garden in the Woods, Framingham, MA

Sunday, June 30, 2024, 11 AM-3 PM

Program code: BOT2110

Fee: \$17 (Members)/\$20 (Nonmembers)



# Sonifying Nature

## A Talk with Sound Artist Skooby Laposky

Using plants and trees, sound artist Skooby Laposky gathers data that emerges from sounds found in nature, and with this data creates immersive artful experiences in collaboration with the natural world. Join us for an evening of exploration and conversation about this process.

A sound designer and artist based in Cambridge, MA, and Hudson, NY, Laposky uses biodata sonification, acoustic ecology, and deep listening techniques to create real-time sound installations, musical recordings, and live performances based on the dynamics of ecosystems that are often hidden or unconsidered. Recent projects include the public art project Hidden Life Radio, which was broadcast in 2023 from its new location in New York's Hudson Valley, and his ongoing, site-specific project, Palm Reading, with L.A.-based guitarist Charles Copley. His latest release, also created with Charles Copley, includes a collection of compositions recorded in Joshua Tree National Park, and upcoming releases include compositions recorded at oases in Palestine and Israel.

Garden in the Woods, Framingham, MA, and Zoom/Online  
Saturday, September 7, 2024, 6-7 PM

Program Code: ART9003

Instructor: Skooby Laposky, sound artist and educator

Fee: \$17 (Members)/\$20 (Nonmembers)







02

# Native Plant Trust's Visiting Artist Program

The Visiting Artist Program invites local artists and creatives to explore their practice while working among the plants of our botanic garden at Garden in the Woods and our sanctuaries across New England. At the conclusion of their time with us, the Visiting Artist will present the culmination of their work to the public via an exhibition, performance, conversation, or installation. We welcome interested artists to apply to be the next Visiting Artist. The application can be found on our website.

For more information and to apply online visit:  
[NativePlantTrust.org/education/visiting-artist-program](https://NativePlantTrust.org/education/visiting-artist-program)

## Regarding Nature

We are thrilled to introduce our 2024 visiting artist, Cambridge, MA-based artist Julie C. Baer. For her project, *Regarding Nature*, Julie will create new work inspired by the changing forms of plants, algae, fungi, and lichens across their life cycles. She will study naturally occurring arrangements and visual patterns throughout Garden in the Woods.

Baer is a mixed-media nature artist whose work invites viewers to attend to and care for their natural surroundings and for themselves. Her practice involves repeated, close observation of the natural world, including light, movement, color, and shape. Series such as *Arboretum* (2023) and *Tidepools* (2023) surprise viewers by depicting trees and intertidal water bodies from unexpected angles, while *Rewilding* (2022) records the biodiversity that emerged in Baer's own urban garden as she planted native plants. In all her work, Baer attends to the interdependence of flora and fauna within ecosystems and to patterns in the natural world. Baer challenges those who encounter her paintings to reexamine, reencounter, and restore the species and habitats impacted by human activity.

### Regarding Nature Opening Reception

Garden in the Woods, Framingham, MA

Saturday, October 5, 2024, 6:30-8:30 PM

Program Code: ART9001

Fee: Free, registration required

Exhibition will be open October 5-October 15, 2024, hours TBD. Please check our website for more information.

### Artist Talk

Garden in the Woods, Framingham, MA, and Zoom

Sunday, October 6, 2024, 6:30-7:30 PM

Program Code: ART9002

Fee: \$17 (Members)/\$20 (Nonmembers)



SPRING/SUMMER 2024

# Youth & Family

Plant Play / **p14**

Nature & Sculpture Exploration  
at Garden in the Woods / **p14**

Flower Friends / **p15**

Plants, Pollinators, & You / **p15**

Native Plant Portraits / **p15**







01

## Plant Play


Engage your little ones with plants through nature-inspired stories, songs, and crafts. Stories are for children ages three to eight, but all ages are welcome. Caregivers must remain with children at all times.

Saturdays, April 20, May 4, May 18, June 1, June 15, June 29, July 13, July 27, August 10, and August 24, 2024, 11 AM-12 PM

Instructor: Elaine Kessler, professional storyteller and children's educator

Fee: Free of charge with Garden admission

For more information and to register online visit:

 [NativePlantTrust.org/education](https://NativePlantTrust.org/education)

## Nature and Sculpture Exploration at Garden in the Woods

Join Danforth Art School Director and teacher Noelle Fournier at Garden in the Woods for an early-release day nature and sculpture exploration. Children will enjoy reading time, a scavenger hunt, a sculpture activity, and a sketching tour of the garden. They will look for interesting plant forms and make drawings in a sketchbook to take home. Suitable for children grades K-4; caretakers must remain with children.

Garden in the Woods, Framingham, MA

Thursday, May 16, 2024, 1:30-4:00 PM

Program Code: FAM7541

Instructor: Noelle Fournier, Director, Danforth Art School

Fee: \$43 (Members)/\$50 (Nonmembers)

## Flower Friends: Using the Art of Collage to Illustrate Relationships with Native Plants

Join us outdoors, and drink in all the beauty while you sketch native flowers from life. Garden in the Woods in bloom at the summer solstice will be your inspiration. We will go indoors and use our sketches as a jumping-off point for collaging flower portraits that celebrate ecological relationships. Suitable for younger audiences and families; caregivers must remain with children.

Garden in the Woods, Framingham, MA

Sunday, June 16, 2024, 10:30 AM-1:30 PM

Program Code: ART2310

Instructor: Kari Percival, illustrator and environmental educator

Fee: \$51 (Members)/\$60 (Nonmembers)

## Plants, Pollinators, and You

Join us right down the road from Garden in the Woods at the McAuliffe Branch Library, and check out their pollinator garden during this program, held in conjunction with the Framingham Public Library's 2024 Summer Read, Renew, Repeat Reading Program. We'll explore the world of pollinators and native plants while learning what you can do to help both. Suitable for younger audiences and families; caregivers must remain with children at all times.

McAuliffe Branch Library, Framingham, MA

Saturday, July 13, 2024, 1-2 PM

Program Code: FAM7540

Instructor: Stephen Kiely, Public Programs Assistant, Native Plant Trust

Fee: Free, registration required

## Native Plant Portraits: Life Drawing in the Field

Choose a plant to study. Observe and draw the identifying leaf shape, growth habit, and flowers or fruit structures. Research ecological relationships the plant has with other species. Choose some of those to draw, too. Suitable for teens, families, and adults; caregivers must remain with children at all times.

Garden in the Woods, Framingham, MA

Saturday, September 7, 2024, 10:30 AM-12:30 PM

Program Code: ART2311

Instructor: Kari Percival, illustrator and environmental educator

Fee: \$34 (Members)/\$40 (Nonmembers)



SPRING/SUMMER 2024

# Courses

Art & Nature / **p18**

Botany & Conservation / **p22**

Field & Landscape Studies / **p38**

Horticulture & Design / **p42**

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01

# Art & Nature

## Inspired by Nature: Watercolor Painting

This course is designed for students with a range of skill sets, whether you are experienced in painting with watercolor or have just started. Join our supportive community, and find encouragement and constructive feedback along your artistic journey. Experience the joy and relaxation of connecting to your creativity in nature while working with an experienced instructor who will help improve your skills.

Garden in the Woods, Framingham, MA  
Tuesdays, April 23, 30, May 7, 14, 2024, 5-8 PM  
Program Code: ART6002

Instructor: Sepi Golestani, art educator, Museum of Fine Arts, Boston and Boston and Natick Public Schools

Fee: \$204 (Members)/\$240 (Nonmembers)

## The Art of Observation: Creating a Nature Sketchbook

We will stroll the grounds of Garden in the Woods, working to look more closely and freshly at the flora around us. We will study and discuss the interesting plants we come across. Then, by drawing a particular plant, we will see and know it on a much deeper level.

Garden in the Woods, Framingham, MA  
Saturdays, June 1, 8, 15, 2024, 10 AM-1 PM  
Program Code: ART1007

Instructor: George Hancin, artist and instructor, Museum of Fine Arts, Boston and Worcester Art Museum

Fee: \$153 (Members)/\$180 (Nonmembers)

OR

Garden in the Woods, Framingham, MA  
Saturdays, August 17, 24, 31, 2024, 10 AM-1 PM  
Program Code: ART1007

Instructor: George Hancin, artist and instructor, Museum of Fine Arts, Boston and Worcester Art Museum

Fee: \$153 (Members)/\$180 (Nonmembers)

## How Walks Become Words: Writing About Walking

Writers often draw inspiration from their wanderings on foot, and the act of walking in natural spaces like Garden in the Woods can unearth surprising ideas. This workshop will offer you creative strategies for shaping written work inspired by your walks, including a series of prompts for your own walking journal. Participants will engage in walking and writing activities that encourage close attention to large and minute aspects of our natural surroundings, our individual ways of walking, and more. Writers and walkers of all experience levels are welcome.

Garden in the Woods, Framingham, MA  
Sunday, June 16, 2024, 2-4 PM  
Program Code: ART2011

Instructor: Giffen Mare Maupin, Public Programs Coordinator, Native Plant Trust

Fee: \$34 (Members)/\$40 (Nonmembers)

## Green Immersion

That human beings benefit from exposure to the natural world is well documented, both empirically and experientially, yet our society does not formally acknowledge the importance of connecting with nature. The Japanese concept of *shinrin-yoku*, or forest bathing, provides Westerners with a way to reawaken our connection with nature through guided sensory experience. Native Plant Trust writer-editor Jane Roy Brown will guide a contemplative 90-minute walk that includes pauses to write, sketch, and meditate.

Garden in the Woods, Framingham, MA  
Sunday, June 23, 2024, 10-11:30 AM  
Program Code: LIF1208

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

Fee: \$26 (Members)/\$30 (Nonmembers)



02





## Inspired by Nature: Watercolor Intensive

Whether you are a beginner or have had experience in painting with watercolor, this intensive five-day course is designed to take your painting skills to the next level. Inspired by native plants and the landscape at Garden in the Woods, classes start with a hands-on demonstration. Through this interactive course, you will learn and practice different watercolor techniques, with time for questions and discussion along the way. The plan is to complete one painting each day and to end the week with a series of paintings. Meets every weekday for a week.

Garden in the Woods, Framingham, MA

Monday-Friday, August 5, 6, 7, 8, 9, 2024, 10:30 AM-2:30 PM

Program Code: ART6002

Instructor: Sepi Golestani, art educator, Museum of Fine Arts, Boston; Boston and Natick Public Schools

Fee: \$340 (Members)/\$400 (Nonmembers)

## Making Pictures from Plants: Introducing the Anthotype

In this in-person workshop we will create anthotypes—images made from the light-sensitive characteristics of plants. We will use petals, leaves, and berries to prepare colorful emulsions and hand-coat artist's papers. Because anthotypes need hours and sometimes days of sun exposure to yield an image, instructor Jesseca Ferguson will demonstrate and discuss exposure methods and strategies so that you can continue the process at home using the papers prepared in our workshop. Nontoxic, low cost, and magically simple, the anthotype process appeals to gardeners, artists, teachers, and plant-loving experimenters. No previous art or photography experience necessary.

Garden in the Woods, Framingham, MA

Sunday, August 18, 2024, 1-4 PM

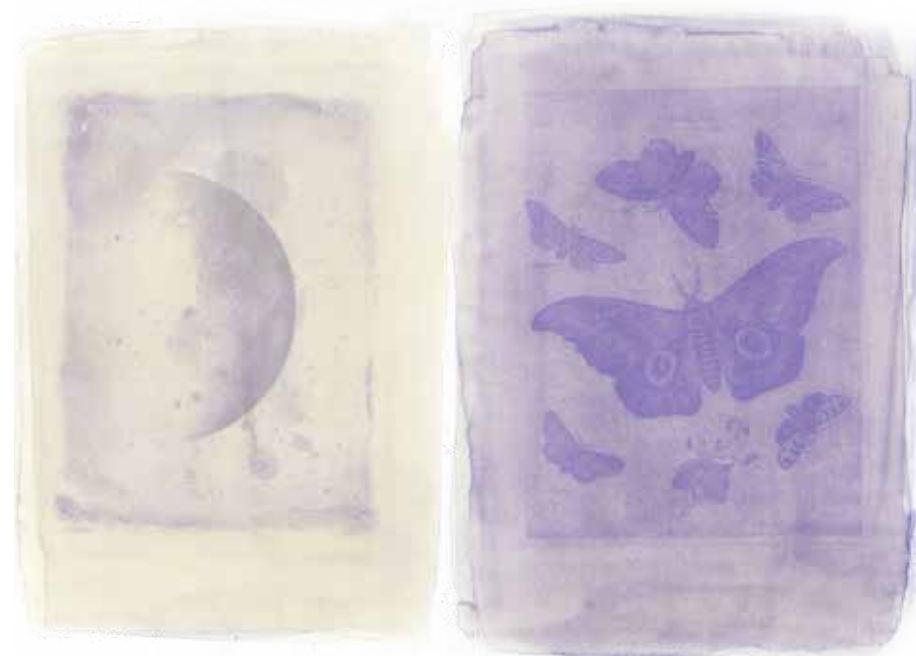
Program Code: ART8015

Instructor: Jesseca Ferguson, artist

Fee: \$51 (Members)/\$60 (Nonmembers)



03



04

## Close Look: Plants in Art and Design

Throughout human history, plants appear in art and design both as decoration and as symbol, and hold a wide variety of meanings. In this talk, we will look closely at the many ways plants emerge in the history of art and design, and will consider their status as things of beauty and as symbols weighted with story.

Zoom/Online

Wednesday, September 18, 2024, 6-7 PM

Program Code: ART6014

Instructor: Bess Paupeck, Director of Public Programs, Native Plant Trust

Fee: \$17 (Members)/\$20 (Nonmembers)

## Botany is Survival: How to Use Art to Get the Word Out

In this workshop, artist and environmental educator Kari Percival will describe how she explores and identifies key scientific concepts, designs visual imagery, and hones wording to share messages. You'll learn how art can enlist allies with a call to action to help rescue our beloved home and natural communities from extinction. You'll learn how to pair your interest in botany with art to empower an audience of allies with key information, eye-catching images, and tools for action.

Garden in the Woods, Framingham, MA

Saturday, September 28, 2024, 1-4 PM

Program Code: ART2305

Instructor: Kari Percival, illustrator and environmental educator

Fee: \$51 (Members)/\$60 (Nonmembers)



# Botany & Conservation

## Plant Systematics

An advanced course, this program builds on your cumulative vocabulary, knowledge, and skills in plant identification and classification based on vegetative and reproductive structures. From there, we delve into the breadth and complexity of plant identification. We will discuss hybridization and phylogeny to develop a deeper appreciation for the role of evolutionary history in understanding organismal relationships.

### Zoom/Online

Saturday, April 20, 27, May 4, 2024, 1-4 PM

Program Code: BOT2206

Instructor: Dr. Lori Benoit, wetland scientist and environmental consultant

Fee: \$180 (Members)/\$216 (Nonmembers)

Certificate: Advanced Botany Core

CEU: MCH: 1

## Introduction to Mosses

In this beginners' class on bryophytes, we will use lectures, slides, and hands-on activities to introduce you to the wonderful world of mosses and liverworts. We will talk about what they grow on, their structure and life cycle, and how we identify them in the field. We will spend some of the afternoon outdoors looking at some of our more common plants. A hand lens and notebook for drawing and note-taking are needed.

### Rowe, MA

Sunday, April 21, 2024, 9:30 AM-4:30 PM

Program Code: BOT3068

Instructor: Sue Williams, bryologist

Fee: \$119 (Members)/\$140 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

### OR

### Rowe, MA


Saturday, May 18, 2024, 9:30 AM-4:30 PM

Program Code: BOT3068

Instructor: Sue Williams, bryologist

Fee: \$119 (Members)/\$140 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

For more information and to register online visit:  
 [NativePlantTrust.org/education](https://NativePlantTrust.org/education)

## Plants 101: Introduction to the Green World

Explore New England's plant life in this foundational, self-directed online course. Learn what plants are, how they function, and why they are essential to all life on earth. The course introduces many of the region's native and non-native plants.

Online, Self-Paced (Please note that this is a fully self-guided course, with no instructor present).

Please note: Registration closes Monday, June 10, 2024, at 12 PM **OR** when all spaces fill, whichever comes first.

Course Access from Monday, April 22, 2024, at 12 PM through Friday, August 16, 2024, at 12 PM.

Program Code: BOTO101

Fee: \$84 (Members)/\$103 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

## 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, seeds, pollination, fertilization, dispersal, and germination. This Basic Certificate online core course is self-paced, requires field work, and provides opportunities for peer discussion. An instructor will guide you in your learning, review your assignments, and answer your questions

Online, Self-Paced

Please note: Registration closes Monday,

June 10, 2024, at 12 PM OR when all spaces fill, whichever comes first.

Course Access from Monday, April 22, 2024, at 12 PM through Friday, August 16, 2024, at 12 PM.

Program Code: CERO100

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

Fee: \$158 (Members)/\$210 (Nonmembers)

Certificate: Basic Certificate Core

## 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, requires fieldwork, and provides opportunities for peer discussion. An instructor will guide you in your learning, review your assignments, and answer your questions.

Online, Self-Paced

Please note: Registration closes Monday, June 10, 2024, at 12 PM OR when all spaces fill, whichever comes first.

Course Access from Monday, April 22, 2024, at 12 PM through Friday, August 16, 2024, at 12 PM.

Program Code: CERO101

Instructor: Alan Anacheke-Nasemann, Professional Wetland Specialist, ecologist, and wetland scientist

Fee: \$158 (Members)/\$210 (Nonmembers)

Certificate: Basic Certificate Core





## Plant Families

In this online, self-paced foundational course, you will learn how to recognize characteristic patterns among twelve flowering plant families in New England such as buttercups (*Ranunculaceae*), mints (*Lamiaceae*), mustards (*Brassicaceae*), orchids (*Orchidaceae*), grasses (*Poaceae*), and asters (*Asteraceae*). You will be introduced to concepts and tools to identify plants quickly and accurately in the field, basic botanical terms for describing plants, methods of classification, and techniques for field and microscopic observations and dissections.

This course includes both outdoor and indoor hands-on assignments. Because our learning will follow the bloom times of plants, assignments are time-sensitive. There is a forum for peer discussion, and your learning is guided by an instructor who will review your assignments and answer your questions. Thomas Elpel's *Botany in a Day* is the required companion text.

### Online, Self-Paced

Please note: Registration closes Monday, June 10, 2024, at 12 PM OR when all spaces fill, whichever comes first.

Course Access from Monday, April 22, 2024, at 12 PM through Friday, August 16, 2024, at 12 PM.

Program Code: CERO102

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

Fee: \$158 (Members)/\$210 (Nonmembers)

Certificate: Basic Certificate Core

### OR

Garden in the Woods, Framingham, MA

Sunday, June 2, Wednesday, June 5, and Saturday, June 8, 2024, 12:30 – 4:30 PM

Program Code: BOT2260

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

Fee: \$240 (Members)/\$288 (Nonmembers)

Certificate: Basic Certificate Core

CEU: MCH 1



Top: Purple giant-hyssop (*Agastache scrophulariifolia*) Uli Lorimer © Native Plant Trust

Bottom: Shagbark hickory (*Carya ovata*) Dan Jaffe Wilder © Native Plant Trust



## Forest Landscapes of Southern New England

This presentation will discuss the environmental conditions and flora of southern New England's (CT, MA, RI) major forest communities. The talk will cover spruce-fir, northern hardwood, rich mesic (sugar maple), oak-white pine, oak-hickory, pitch pine-scrub oak, and several more forest and woodland communities. The influence of geology, soils, topography, and disturbance patterns will be discussed for each forest type, as well as their characteristic plants, both common and rare.

Garden in the Woods, Framingham, MA

Monday, April 22, 2024, 6:30-8:30 PM

Program Code: BOT4033

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

Fee: \$34 (Members)/\$40 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany





## Wildflowers of New England

This course is a comprehensive introduction to New England's native wildflowers and to their ecology and conservation. You will learn basic botanical skills and become familiar with field guides and digital tools for identification, plant habitats, pollination, and seed dispersal strategies. A hand lens and *Wildflowers of New England* by Ted Elliman are recommended for this course.

Garden in the Woods, Framingham, MA

Wednesdays, May 1, 8, 15, 22, 2024, 12:30 – 3:30 PM

Program Code: BOT3000

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

Fee: \$240 (Members)/\$288 (Nonmembers)

Certificate: Basic Certificate Core

CEU: MCLP: 2, MCH: 1

OR

Zoom/Online

Thursdays, May 2, 9, 16, 23, 2024, 5:30 – 8:30 PM

Program Code: BOT3000

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

Fee: \$240 (Members)/\$288 (Nonmembers)

Certificate: Basic Certificate Core

CEU: MCLP: 2, MCH: 1



05

## The Ericaceae of New England: Diversity, Ecology, and Phylogeny

With over 4,100 species found across the globe, the *Ericaceae*—commonly known as the heath family—is an incredibly diverse group of flowering plants. New England is home to a broad assortment of these species, many of which grow—and thrive—in some of the region's most challenging environments. Through the consideration of a subset of these species, this class will explore some of the traits and interspecific relationships that contribute to the ecological success of the *Ericaceae*. Additionally, we will touch on the phylogenetic (evolutionary) relationship that exists among some species in this group.

Zoom/Online

Tuesday, May 21, 2024, 6-7 PM

Program Code: BOT3814

Instructor: Samuel Gilvarg, fire ecologist, Ph.D. student, SUNY College of Environmental Science and Forestry

Fee: \$17 (Members)/\$20 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

## New England Plant Communities

For a relatively small region, New England boasts an astonishing variety of plant communities, ranging from freshwater and tidal wetlands to coastal dunes, grasslands, forests, and mountains. We will study the dominant canopy, structure, range, and characteristic species of each community and then apply this knowledge in the field. You will learn how soil, topography, moisture, geological conditions, glaciation, and historical use affect the vegetation of each community.

Zoom/Online and Mt. Wachusett, Princeton, MA

Tuesdays, June 4 and June 11, 2024, 6-9 PM (Zoom/Online) and Sunday, June 16, 2024, 10 AM-4 PM (Mt. Wachusett)

Program Code: BOT4000

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

Fee: \$240 (Members)/\$288 (Nonmembers)

Certificate: Advanced Botany Core

CEU: MCH: 1



06

## 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. In addition to learning the identifying features of a select group of shrubs, students will develop skills that will help them identify any shrub through dichotomous keys, field guides, or verifying plant ID apps.

Zoom/Online

Wednesdays, June 5, 12, 19, 2024, 6:30-8:30 PM

Program Code: BOT3300

Instructor: Brian Colleran, restoration ecologist

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

Certificate: Basic Certificate Core

CEU: MCLP: 2, MCA: 2, MCH: 1

OR

Garden in the Woods, Framingham, MA

Saturday, July 13, 2024, 10:30 AM-4:30 PM

Program Code: BOT3300

Instructor: Brian Colleran, restoration ecologist

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

Certificate: Basic Certificate Core

CEU: MCLP: 2, MCA: 2

OR

Zoom/Online

Wednesdays, July 17, 24, 31, 2024, 6:30-8:30 PM

Program Code: BOT3300

Instructor: Brian Colleran, restoration ecologist

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

Certificate: Basic Certificate Core

CEU: MCLP: 2, MCA: 2, MCH: 1





07

## New England Roses

Our native New England roses have charming fragrant blossoms that attract a wide range of pollinators, while their spiny thickets provide important wildlife habitat. These hardy shrubs grow in a wide range of habitats and are great additions to flower gardens. Learn to identify Virginia rose (*Rosa virginiana*), Carolina rose (*R. carolina*), swamp rose (*R. palustris*), bristly rose (*R. acicularis*), and shining rose (*R. nitida*), several non-native species, and the invasive multiflora rose (*R. multiflora*).

Zoom/Online

Thursday, June 6, 2024, 5:30 – 8:30 PM

Program Code: BOT3024

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

Fee: \$51 (Members)/\$60 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

CEU: MCLP:1

## Introduction to Grasses Identification

Many people are apprehensive about identifying grasses. With a little practice, however, you can learn to recognize common species using plain English vocabulary and naked-eye characteristics. Lauren Brown, co-author with Ted Elliman of *Grasses, Sedges, Rushes: An Identification Guide*, will introduce these beautiful and abundant plants. We strongly recommend reading the text for the best learning experience in this class. It can be purchased in our Garden Shop.

Eli Whitney Museum and Workshop, Hamden, CT, and field site

Saturday, June 8, 2024, 9 AM-1 PM

Program Code: BOT3523

Instructor: Lauren Brown, author of *Wildflowers and Winter Weeds*, *Grasses: An Identification Guide*, and *Grasses, Sedges, Rushes: An Identification Guide*

Fee: \$68 (Members)/\$80 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

CEU: MCH: 1

## Evolution of Green Plants

In this two-part webinar, you will study theories about early plant evolution. We'll review the evidence for plant evolution, including fossils, DNA, and morphology, to understand how photosynthetic organisms from ancient seas evolved and adapted to life on land. The second session of the webinar will focus on the evolution of gymnosperms and angiosperms (conifers and flowering plants).

Zoom/Online

Thursday, June 20, 27, 2024, 6-7 PM

Program Code: BOTW314

Instructor: Dr. Lori Benoit, wetland scientist and environmental consultant

Fee: \$34 (Members)/\$40 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

## Introduction to Sedges: The Genus *Carex*

*Carex* is the largest genus in New England, with nearly 200 taxa, and occurs in every habitat type. This species is both ecologically important and botanically fascinating. This class will provide an introduction to *Carex* diversity, basic skills for keying *Carex*, and field identification.

Garden in the Woods, Framingham, MA

Saturday, June 22, 2024, 10 AM-3 PM

Program Code: BOT3524

Instructor: Lisa Standley, Curator, New England Botanical Society Herbarium

Fee: \$85 (Members)/\$100 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

CEU: MCH: 1

## Predatory Plants

Heterotrophic plants obtain nutrition through means other than photosynthesis. Learn about the surprising diversity of heterotrophs in New England, which comprise over 65 species among three modes of nutrition. True parasites such as dodder vines (*Cuscuta*), dwarf mistletoe (*Arceuthobium*), and members of the broom rape family (*Orobanchaceae*) tap nutrients directly from the roots and stems of host plants. Myco-heterotrophic plants are parasitic on fungal networks (ericaceous plants, orchids, and gentians). In contrast, carnivorous plants such as pitcher plants (*Sarracenia*), sundews (*Drosera*), bladderworts (*Utricularia*), and butterworts (*Pinguicula*) are not parasitic, but instead trap and consume insects to supplement nutrition. You will be able to observe these plants as herbarium specimens and at Garden in the Woods.

Garden in the Woods, Framingham, MA

Saturday, June 29, 2024, 12:30-3:30 PM

Program Code: BOT2317

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

Fee: \$51 (Members)/\$60 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany



## Native Fern Identification and Ecology

This course will be helpful and informative for anyone interested in learning how to identify ferns. The indoor session will include a presentation that will cover basic fern biology, identification techniques, and ecology. The field session will use these techniques for the positive field identification of approximately twenty native fern species in multiple habitats.

Nasami Farm, Whately, MA, and Mt. Toby, Sunderland, MA

Saturday, July 20, 2024, 10 AM-3 PM

Program Code: BOT3431

Instructor: Randy Stone, Pioneer Valley Fern Society

Fee: \$85 (Members)/\$100 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany



08

## Mushrooms for Beginners

Mushrooms are tremendously diverse and play an important ecological role. In this class, we will first learn about basic fungal biology and identification and then head out to the Garden for a mushroom foray. After lunch, we will identify our finds using field guides and microscopes. Bring a bag lunch and a hand lens if you have one.

Garden in the Woods, Framingham, MA

Saturday, July 20, 2024, 10:30 AM-2:30 PM

Program Code: BOT3813

Instructor: Thomas Roehl, mycologist; Ph.D. student at Clark University

Fee: \$68 (Members)/\$80 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

OR

Garden in the Woods, Framingham, MA

Saturday, September 14, 2024, 10:30 AM-2:30 PM

Program Code: BOT3813

Instructor: Thomas Roehl, mycologist; Ph.D. student, Clark University

Fee: \$68 (Members)/\$80 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

## Field Identification Techniques

This course will introduce you to the flora of New England as you study plants across a range of habitats and learn how to use field guides and plant identification keys. We will cover plant identification terminology, basic botany, and the identifying features of major plant families commonly found in the region. You will be using the techniques



Black chokeberry (*Aronia melanocarpa*) © William Cullina

familiar to field botanists: observing plants in the wild, discerning important vegetative and floral characteristics, and using field guides and taxonomic keys to identify them. The objective is not to memorize a list of plants but to learn a set of skills that will help you identify unknown plants that you encounter in natural areas near you.

Garden in the Woods, Framingham, MA

Saturdays, August 3, 10, 17, 2024, 10:30 AM-2:30 PM

Program Code: BOT2000

Instructor: Nathan Lambstrom, botanist and educator

Fee: \$240 (Members)/\$288 (Nonmembers)

Certificate: Advanced Botany Core

CEU: MCH: 1

## Introduction to Wetland Plant Identification

This class will cover a variety of wetland habitats and discuss the particular

plants that grow in each of them. The class presentation will include an overview of common wetland habitats and their representative trees, shrubs, wildflowers, ferns, grasses, sedges, and rushes. The field session at Great Meadows National Wildlife Refuge in Concord, MA, will provide a close look at many wetland plants, their identifying features, and their habitat preferences in a very large wetland complex.

Garden in the Woods, Framingham, MA, and Great Meadows National Wildlife Refuge, Concord, MA

Wednesday, August 7, 2024, 6:30-8:30 PM (Garden in the Woods) and Friday, August 9, 2024, 9-11:30 AM (Great Meadows National Wildlife Refuge)

Program Code: WET1000

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

Fee: \$77 (Members)/\$90 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany



## Introduction to Sedges: The Non-Carex Genera

The non-*Carex* sedges are important ecological indicators and dominants in many wetland systems. The group includes eleven genera—recognizable by macro characteristics—and eighty species. In this class, we'll learn to recognize the genera and use keys to identify species.

Garden in the Woods, Framingham, MA

Sunday, August 11, 2024, 10 AM-3 PM

Program Code: BOT3525

Instructor: Lisa Standley, Curator, New England Botanical Society Herbarium

Fee: \$85 (Members)/\$100 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

CEU: MCH: 1

Straw-colored flatsedge (*Cyperus strigosus*)  
Michael Plantadosi ©  
Native Plant Trust



## Plant Adaptations to Fire

A wide range of plant species have evolved an array of adaptations that enable individual plants to survive or grow after being subject to fire. A diverse assortment of these fire-adapted (pyrophytic) plant species can be found growing in wildlands all across New England, frequently in areas where burning has occurred sometime in the past. This class will survey a taxonomically and ecologically diverse assortment of plant species and examine some of the adaptations that allow these plants to either survive or grow after experiencing fire.

Zoom/Online

Thursday, September 12, 2024, 6-7 PM

Program Code: BOT1103

Instructor: Samuel Gilvarg, fire ecologist; Ph.D. student, SUNY College of Environmental Science and Forestry

Fee: \$17 (Members)/\$20 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

## How Insects Use Plants

Bugs are excellent botanists: they demonstrate the remarkable ability to locate their often very specific host plants. Join botanist and entomologist Adam Kohl for a tour through Garden in the Woods from the eyes of an arthropod. Discuss and observe the various ways insects and their relatives use native plants, including galls, herbivory, shelter, sonic amplification, and flower visitation. Walk away with a fresh understanding of how native plants are the building blocks of biodiversity.

Garden in the Woods, Framingham, MA

Saturday, August 24, 2024, 1-3 PM

Program Code: BOT3806

Instructor: Adam Kohl, botanist and entomologist

Fee: \$34 (Members)/\$40 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

CEU: MCH: 0.5



09



10



## 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 and discuss best management practices for healthy soils and landscapes.

Zoom/Online

Fridays, September 13 and 20, 2024, 5:30-8:30 PM

Program Code: HOR3604

Instructor: Alexis Doshas, Nursery Manager, Native Plant Trust

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

Certificate: Basic Certificate Core

CEU: MCLP: 2, MCA: 2, MCH: 1

OR

Nasami Farm, Whately, MA

Saturday, September 28, 2024, 10 AM-4 PM

Program Code: HOR3604

Instructor: Alexis Doshas, Nursery Manager, Native Plant Trust

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

Certificate: Basic Certificate Core

CEU: MCLP: 2, MCA: 2, MCH: 1

## Invasive Plants: Identification, Documentation, and Control

This course addresses the identification and control of many of the invasive plant species that are an unwelcome and persistent presence in forests, fields, and wetlands. Through visual presentation, close examination of herbarium specimens, and field study,

we will examine the impacts of several invasive species and discuss methods for managing invasive plant populations.

Garden in the Woods, Framingham, MA, and Barber Reservation, Sherborn, MA

Sunday, September 15, 2024, 10:30 AM-12:30 PM (Garden in the Woods) and Saturday, September 21, 2024, 10 AM-2 PM (Barber Reservation)

Program Code: BOT5130

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

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

Certificate: Advanced Botany Core

CEU: MCLP: 2, MCA: 2, MCH: 0.5

## New England Climbers

Native climbers in New England are surprisingly diverse, and include woody lianas, herbaceous vines, briars, and brambles that climb with the aid of twining stems and leaves, aerial roots, tendrils, thorns, and prickles. Learn to identify about 50 native species. These include many rare species, such as the Allegheny vine (*Adlumia fungosa*) and the American climbing fern (*Lygodium palmatum*), and those proliferating due to forest fragmentation and the warming climate, such as wild grapes (*Vitis spp.*) and poison ivy (*Toxicodendron radicans*).

Garden in the Woods, Framingham, MA

Sunday, September 15, 2024, 1 PM-4 PM

Program Code: BOT3020

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

Fee: \$51 (Members)/\$60 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany



11

## Aquatic Habitats of New England

In this webinar, you will learn about aquatic plants and the amazing adaptations that enable them to live their lives almost entirely underwater. We will make virtual visits to lakes, streams, and other wet places to explore the native and invasive inhabitants of our waterways.

Zoom/Online

Tuesday, September 17, 2024, 6-7 PM

Program Code: BOT1152

Instructor: Dr. Lori Benoit, wetland scientist and environmental consultant

Fee: \$17 (Members)/\$20 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

## Asters and Goldenrods

Through a PowerPoint presentation, a visit to Garden in the Woods' living collections, an examination of herbarium specimens, and a field exploration of a nearby conservation property, this class will explore the abundance and variety of asters and goldenrods in our late summer and early fall landscapes. We will look at subtleties of identification and habitat preferences of about forty-five species of asters and goldenrods.

Garden in the Woods, Framingham, MA, and Barber Reservation, Sherborn, MA

Saturday, September 21, 2024, 10 AM - 2:30 PM (Garden in the Woods) and Sunday, September 22, 2024, 10 AM - 2 PM (Barber Reservation)

Program Code: PDW4400

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

Fee: \$145 (Members)/\$170 (Nonmembers)

Certificate: Elective: Basic or Advanced, Botany

CEU: MCH 0.5



## Botanical Inventory Methods and Techniques

This is an introduction to botanical inventory methods for cataloging the vascular plants in a natural landscape. During the first session, you will learn the essential steps of planning a survey, including use of field guides, aerial photography, GIS (Geographic Information Systems) resources, and sampling strategies. You will also learn about designing a field-data form. You will go on to practice these methods by conducting a field survey in a natural area, identifying and recording the plant species and habitats. Finally, you will have an opportunity to work collaboratively to compile the inventory and present a report.

Zoom/Online and Garden in the Woods, Framingham, MA

Thursday, September 26, October 3, 2024, 6:30 - 8:30 PM (Zoom/Online) and Saturday, September 28, 2024, 10:30 AM - 3:30 PM (Garden in the Woods)

Program Code: BOT2050

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

Fee: \$180 (Members)/\$216 (Nonmembers)

Certificate: Advanced Botany Core

CEU: MCH: 1

## Framework Trees of New England

Forests are a dominant feature of the New England landscape. This course covers the history, changes in composition, and ecology of the region's forests from the Ice Age through the 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.

Garden in the Woods, Framingham, MA

Saturday, October 5 and Sunday, October 6, 2024, 10 AM - 4 PM

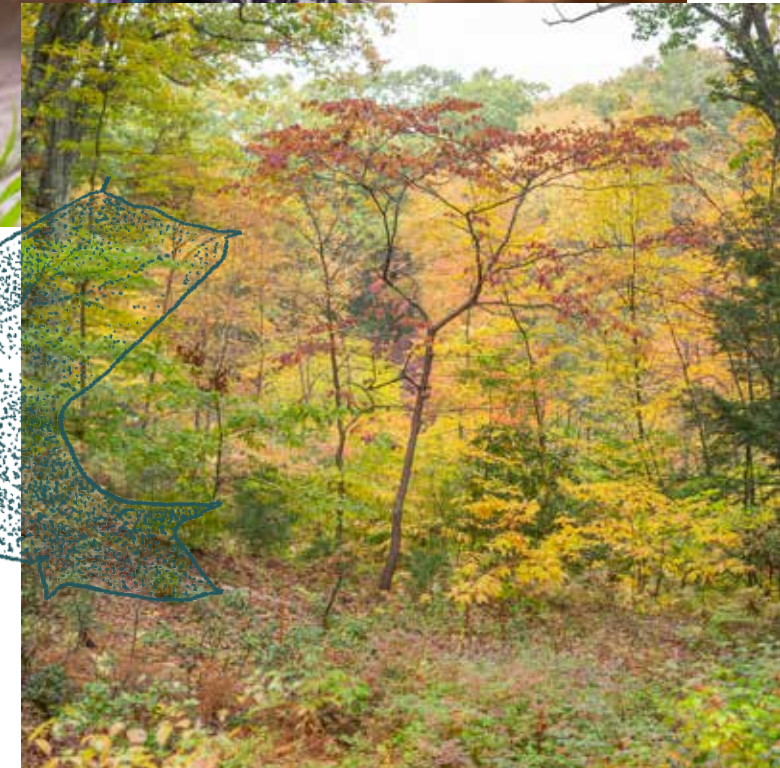
Program Code: BOT3200

Instructor: Jeff Horan, forest ecologist, ret. U.S. Fish and Wildlife Service

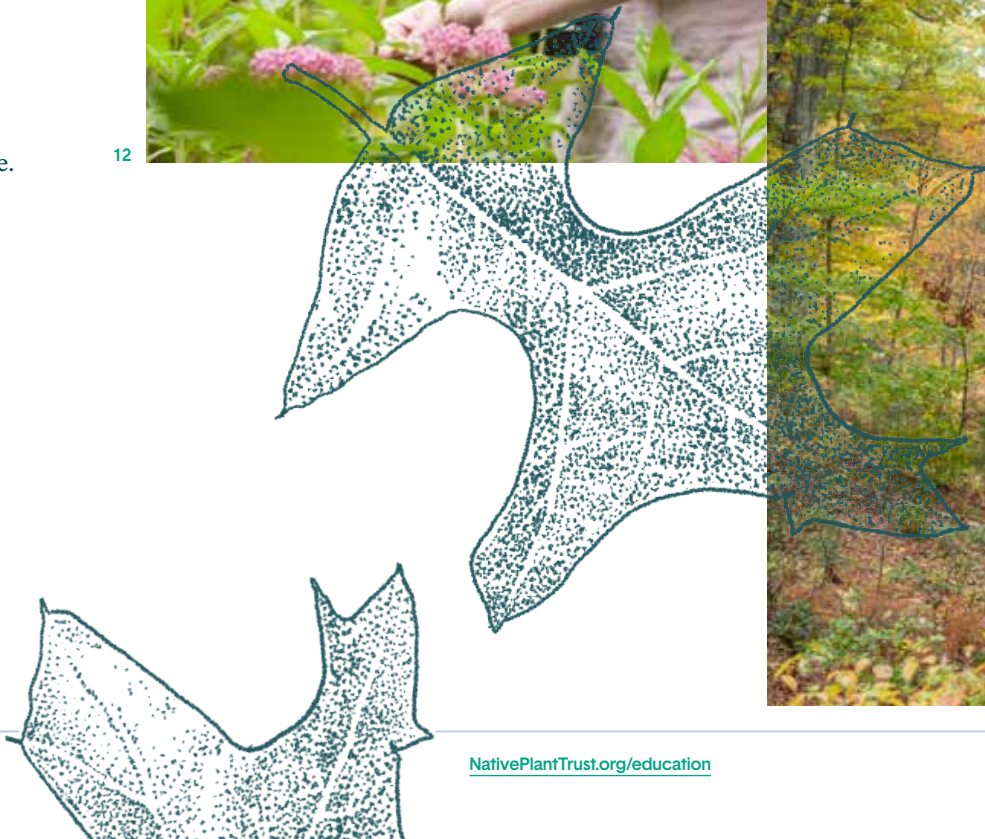
Fee: \$240 (Members)/\$288 (Nonmembers)

Certificate: Basic Certificate Core

CEU: MCLP: 2, MCA: 2, MCH: 1



12





# Field & Landscape Studies

## Joralemon Park

This is a field study in a rich sugar maple forest about 15 miles south of Albany, NY. Joralemon, a town park in Coeymans, NY, is renowned for the variety and abundance of its spring wildflowers, which include a number of unusual species.

Joralemon Park, Coeymans, NY

Saturday, April 27, 2024, 11 AM - 2 PM

Program Code: FDT8001

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

Fee: \$51 (Members)/\$60 (Nonmembers)

Certificate: Field: Basic or Advanced, Botany

## Inland Pine Barrens

This inland sand plain habitat created by glacial outwash is locally known as “the Desert” and covers 900 acres of conservation land with pitch pine-scrub oak barrens interspersed amidst oak-pine forest and wetlands. You will have the opportunity to witness an unusual diversity of habitats. You will observe pitch pine (*Pinus rigida*), red pine (*Pinus resinosa*), scrub oak (*Quercus ilicifolia*), black huckleberry (*Gaylussacia baccata*), lowbush blueberry (*Vaccinium angustifolium*), and sundial lupine (*Lupinus perennis*)—the host plant for the endangered Karner blue butterfly—as well as clubmosses (*Dendrolycopodium*, *Huperzia*) and pinweed (*Lechea*).

Memorial Forest, Sudbury, MA

Saturday, May 11, 2024, 10 AM - 1 PM

Program Code: FDT8053

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

Fee: \$51 (Members)/\$60 (Nonmembers)

Certificate: Field: Basic or Advanced, Botany

## Mosses Field Study

Join bryologist Sue Williams on a field study to examine the mosses and liverworts of western Massachusetts. Bring your lunch for this day-long trip. Offered on three separate dates.

Rowe, MA

Sunday, June 9, 2024, 9:30 AM - 4:30 PM

Program Code: FDT1373

Instructor: Sue Williams, bryologist

Fee: \$119 (Member)/\$140 (Nonmember)

Certificate: Elective: Basic or Advanced, Botany

OR

Rowe, MA

Sunday, July 14, 2024, 9:30 AM - 4:30 PM

Program Code: FDT1373

Instructor: Sue Williams, bryologist

Fee: \$119 (Member)/\$140 (Nonmember)

Certificate: Elective: Basic or Advanced, Botany

OR

Rowe, MA

Sunday, August 18, 2024, 9:30 AM - 4:30 PM

Program Code: FDT1373

Instructor: Sue Williams, bryologist

Fee: \$119 (Member)/\$140 (Nonmember)

Certificate: Elective: Basic or Advanced, Botany



13

## Bog and Fen

This field study class will look closely at the flora and the environmental conditions of two very distinct habitats: a rich fen and an acidic bog. We will pay particular attention to the plants that are very specific to one or the other of these habitats and the specializations that allow them to thrive in these communities. Approximately forty-five minutes of travel between the two sites is required.

Philbrick-Cricenti Bog, New London, NH, and Eshqua Bog, Hartland, VT

Saturday, June 22, 2024, 10 AM - 3 PM

Program Code: FDT5008

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

Fee: \$85 (Members)/\$100 (Nonmembers)

Certificate: Field: Basic or Advanced, Botany





14

## Stratton Mountain

Participants in this hike will explore the montane spruce-fir forests of southern Vermont near Stratton Mountain. The terrain is steep, and the trail is rocky, but the strenuous trip is worth it. We will see plant species such as mountain maple (*Acer spicatum*), twisted stalk (*Streptopus spp.*), and blue bead lily (*Clintonia borealis*). We also might be lucky enough to see birds such as the blackpoll warbler and the ruby-crowned kinglet. The hike begins west of the town of Stratton. From there, we will trek nine miles round trip to the Stratton Mountain fire tower and back again. **Please be prepared for all weather types, and bring plenty of water and food. This field study is for advanced hikers.**

Stratton Mountain, Stratton, VT

Saturday, July 27, 2024, 9 AM - 5 PM

Program Code: FDT3028

Instructor: George LoCascio, assistant professor, Mount Wachusett Community College

Fee: \$136 (Members)/\$160 (Nonmembers)

Certificate: Field: Basic or Advanced, Botany

## Meadows and Naturalized Landscapes

See four landscapes in Westbrook, Deep River, and Old Saybrook, CT. Two sites feature naturalized landscapes that blend meadow plants, shrubs, and trees; two feature multiacre flowering meadows. At each site, there will be a discussion of site preparation, plant selections, and ongoing maintenance. An extensive handout is included with the tour.

Southeastern CT

Saturday, August 17, 2024, 9 AM - 1 PM

Program Code: HDT8019

Instructor: Kathy Connolly, landscape designer, Speaking of Landscapes, LLC

Fee: \$68 (Members)/\$80 (Nonmembers)

Certificate: Landscape: Basic or Advanced, Horticulture

CEU: MCLP: 1

## Floodplain Forests

Floodplains have special plants that are adapted to inundation and fluctuating water levels. The Sudbury River flowing through the Greenways Conservation Area in Wayland, MA, offers nearly half a mile of shoreline with typical small-river floodplain vegetation. Join an easy walk along this federally designated “wild and scenic river,” with stands of silver maple (*Acer saccharinum*) and red maple (*Acer rubrum*), and shrub swamps of buttonbush (*Cephalanthus occidentalis*). You will also see other typical denizens such as basswood (*Tilia americana*), swamp white oak (*Quercus bicolor*), and American elm (*Ulmus americana*).

Greenways Conservation Area, Wayland, MA

Saturday, September 21, 2024, 1 - 4 PM

Program Code: FDT8061

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

Fee: \$51 (Members)/\$60 (Nonmembers)

Certificate: Field: Basic or Advanced, Botany

## Fall Foliage in the Garden

Join us for a tour of a miniature coastal wildlife refuge. This garden, at the edge of Bullocks Cove in Providence, RI, features native plants chosen for their beauty and ecological value. These plants have also been selected for their ability to withstand sandy soil and

occasional saltwater flooding. The property features a roof garden with eastern prickly-pear (*Opuntia humifusa*), two rain gardens that support swamp azalea (*Rhododendron viscosum*), and a fish pond with water lilies (*Nymphaea odorata*) and marsh marigolds (*Caltha palustris*) that creates privacy for a terrace below. The garden is a haven for people, birds, and insects.

East Providence, RI

Sunday, September 29, 2024, 10 AM - 2 PM

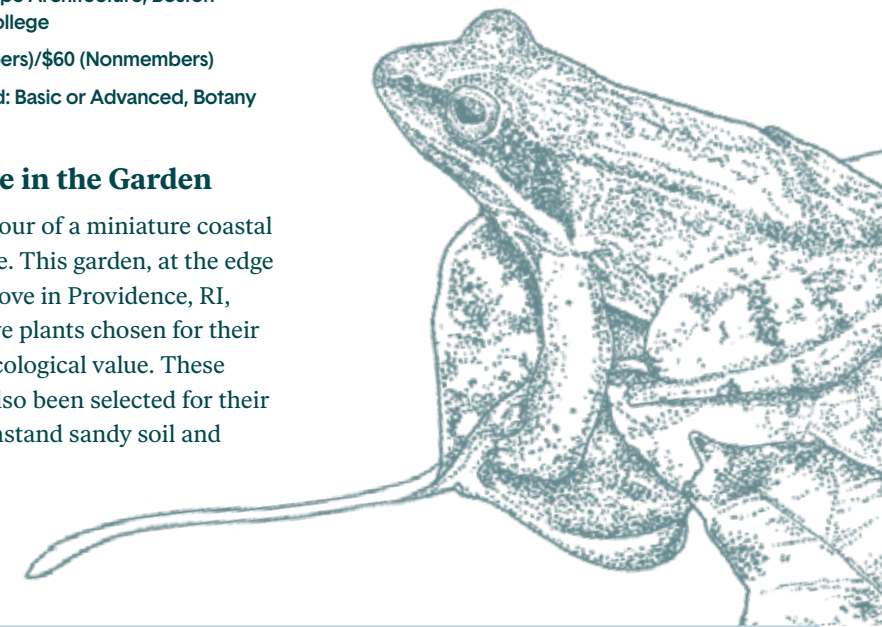
Program Code: HDT7007

Instructor: Sally Johnson, Principal, Ecoastal Design

Fee: \$68 (Members)/\$80 (Nonmembers)

Certificate: Landscape: Basic or Advanced, Horticulture

CEU: MCLP: 1



# Horticulture & Design

## Native Edibles for Cities

Whether you're interested in your health, sustainability, or simple pleasure, growing native edibles is a skill worth cultivating. Native edibles can feed you (and the rest of the ecosystem) regardless of your available space, and can be planted in shady corners, container gardens, and other small spaces. Join Dan Jaffe Wilder to learn about species of native edibles that can be grown wherever you can find (or put) soil.

Zoom/Online

Thursday, April 18, 2024, 6 - 7 PM

Program Code: HORW332

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

Fee: \$17 (Members)/\$20 (Nonmembers)

Certificate: Elective: Basic or Advanced, Horticulture

## 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 twelve hours to complete.

Online, Self-paced (Please note this is a fully self-guided course, with no instructor present).

Registration closes Monday, June 10, 2024, at 12 PM OR when all spaces fill, whichever comes first.

Course Access from Monday, April 22, 2024, at 12 PM through Friday, August 16, 2024, at 12 PM.

Program Code: HORO100

Fee: \$84 (Members)/\$103 (Nonmembers)

Certificate: Elective: Basic or Advanced, Horticulture

## Gardening for Pollinators

This online course will teach you 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 twelve hours to complete.

Online, Self-paced (Please note this is a fully self-guided course, with no instructor present).

Registration closes Monday, June 10, 2024, at 12 PM OR when all spaces fill, whichever comes first.

Course Access from Monday, April 22, 2024, at 12 PM through Friday, August 16, 2024, at 12 PM.

Program Code: HORO101

Fee: \$84 (Members)/\$103 (Nonmembers)

Certificate: Elective: Basic or Advanced, Horticulture

15



## Native Plants and Birds in New England

Have you ever wondered how local birds are affected by the plants in your yard? Would you like to learn how to make your yard more attractive to birds? In this webinar, you'll move through the four seasons of the year and learn about the amazing relationships between the birds of New England and the plant communities they rely upon for survival.

Zoom/Online

Thursday, April 25, 2024, 6:30 - 8 PM

Program Code: HOR4230

Instructor: Evan Dalton, director, Manomet Observatory

Fee: \$26 (Members)/\$30 (Nonmembers)

Certificate: Elective: Basic or Advanced, Horticulture

## Native Herbaceous Plant Materials (Early Season)

Over the course of the spring, we will examine a wide variety of native plants for gardens and discuss each plant's cultural and habitat needs as well as its importance to wildlife. The class will cover ninety species and include tips for growing them. You will learn to identify native plants in the New England gardening palette, become familiar with each plant's appropriate use, and identify each plant's role in the ecosystem in terms of attracting pollinators and other wildlife.

Garden in the Woods, Framingham, MA

Saturdays, May 4, 18, June 1, 15, 2024, 1 - 3:30 PM

Program Code: HOR1000

Instructor: Ellen Sousa, garden designer, nursery operator, and author of *The Green Garden*

Fee: \$200 (Members)/\$240 (Nonmembers)

Certificate: Advanced Horticulture Core  
CEU: MCLP: 4, MCH: 1



## Visualizing a Garden Design: Opening Up New Possibilities

This workshop is not a typical landscape design class. It is primarily hands-on, three-dimensional, and visual. Together, we will focus on the use of scale and relationships to organize space. As a class, we will change the way we look at design by moving elements around, including plants, paths, patios, and structures. Whether you feel challenged in your design process or need a fun, creative tool for streamlining design exploration, please join us.

Garden in the Woods, Framingham, MA  
 Sunday, May 19, 2024, 10:30 AM - 2:30 PM  
 Program Code: HOR4222

Instructor: Cheryl Salatino, landscape designer, Dancing Shadows Garden Design; Massachusetts Certified Horticulturist  
 Fee: \$68 (Members)/ \$80 (Nonmembers)  
 Certificate: Elective: Basic or Advanced, Horticulture  
 CEU: MCLP: 1, MCH: 1

## Native Hydrangeas

Hydrangeas are some of the most loved plants in the landscape. Yet many gardeners are unaware of the beauty, sustainability, and benefits of our native hydrangeas. Instead of being disappointed by plants that aren't suited to our climate, we'll look at the hydrangea choices available for the enjoyment of both people and pollinators.

Zoom/Online  
 Thursday, June 13, 2024, 6 - 7 PM  
 Program Code: HOR2096

Instructor: Cheryl Salatino, landscape designer, Dancing Shadows Garden Design; Massachusetts Certified Horticulturist  
 Fee: \$17 (Members)/ \$20 (Nonmembers)  
 Certificate: Elective: Basic or Advanced, Horticulture



16



## Our Future with Water: Managing Stormwater

Get reacquainted with water, and learn simple methods for capturing and reusing stormwater and slowing stormwater runoff. We will discuss rain harvesting, permeable pavements, green roofs, bioswales, rain gardens, and tree planting. Trevor shares his nearly two decades of practical experience working with and installing stormwater management systems.

Zoom/Online  
 Wednesday, June 26, 2024, 6 - 8 PM  
 Program Code: HOR2001

Instructor: Trevor Smith, design and education manager, Weston Nurseries  
 Fee: \$34 (Members)/\$40 (Nonmembers)  
 Certificate: Elective: Basic or Advanced, Horticulture  
 CEU: MCLP: 1

## Native Woody Plant Materials

Explore the huge variety of native trees, shrubs, and woody vines. You'll learn which species grow well in shade, which support local wildlife, and how to stagger plantings for continual bloom, fruit production, and fall color. The course addresses growth characteristics, cultural requirements, and best horticultural uses.

Garden in the Woods, Framingham, MA  
 Sundays, July 14, 21, 2024, 10 AM - 12:30 PM  
 Program Code: HOR1100

Instructor: Trevor Smith, Design and Education Manager, Weston Nurseries  
 Fee: \$100 (Members)/\$120 (Nonmembers)  
 Certificate: Advanced Horticulture Core  
 CEU: MCLP: 2, MCA: 2, MCH: 0.5



## Native Herbaceous Plant Materials (Late Season)

Over the course of mid- to late summer, we will examine a wide variety of native plants for gardens and discuss each plant's cultural and habitat needs as well as its importance to wildlife. We will provide tips for growing more than eighty species. You will become familiar with each plant's appropriate use and study each plant's role in the ecosystem in terms of attracting pollinators and other wildlife.

Garden in the Woods, Framingham, MA  
Saturdays, July 27, August 31, 2024, 1 - 3:30 PM

Program Code: HOR1050

Instructor: Ellen Sousa, garden designer, nursery operator, and author of *The Green Garden*

Fee: \$100 (Members)/\$120 (Nonmembers)

Certificate: Advanced Horticulture Core

CEU: MCLP: 2, MCH: 1

## Landscape for Life

This intensive course will provide the knowledge, skills, and understanding needed to create a great-looking garden that is healthier for people and for the environment. The course is based on the principles of the Sustainable Sites Initiative, the nation's first rating system for sustainable landscapes. The comprehensive curriculum covers a range of topics, including soils, water, plants, and landscape materials.

Zoom/Online

Wednesdays, August 14, 21, 28, 2024, 5:30 - 8:30 PM

Program Code: HOR3720

Instructor: Trevor Smith, Design and Education Manager, Weston Nurseries

Fee: \$180 (Members)/\$216 (Nonmembers)

Certificate: Advanced Horticulture Core

CEU: MCLP: 2, MCA: 2, MCH: 1

## Deer-Tolerant Landscapes

Today, more than ever, most of us are sharing our landscapes with deer. As majestic as they are, deer can damage landscapes in costly ways. By understanding deer behavior, we can uncover natural strategies for coexisting with a deer population. If you need practical approaches to deter the munching, join us for ideas to safeguard your garden. We will also review a selection of "deer tolerant" plants and point out those considered to be "deer candy."

Zoom/Online

Thursday, August 15, 2024, 6 - 8 PM

Program Code: HOR4028

Instructor: Cheryl Salatino, landscape designer, Dancing Shadows Garden Design; Massachusetts Certified Horticulturist

Fee: \$34 (Members)/\$40 (Nonmembers)

Elective: Basic or Advanced, Horticulture

CEU: MCLP: 1, MCA: 1

## Site Preparation for Landscape Transformation

Many people consider reducing lawns or converting weedy spaces into pollinator gardens or meadows with native plants.



17

Site preparation is critical to success, but it is often overlooked in the quest for a finished appearance. This primer covers planning, timelines, low-impact site and soil preparation methods, and online sources of site information and products. Extensive resource material included.

Connecticut Forest and Parks Association, Rockfall, CT

Saturday, September 28, 2024, 9:30 AM - 12 PM

Program Code: HOR8028

Instructor: Kathy Connolly, landscape designer, Speaking of Landscapes, LLC

Fee: \$43 (Members)/\$50 (Nonmembers)

Certificate: Elective: Basic or Advanced, Horticulture

CEU: MCLP: 1

## Meadows 1-2-3

Learn how native plant meadow-making differs from other forms of horticulture. We discuss site selection, site preparation, site design, plant selection, planting, and what to expect in years one, two, and three. This program is appropriate for all learning levels, and extensive resource material is provided.

Connecticut Forest and Parks Association, Rockfall, CT

Saturday, September 28, 2024, 1 - 4 PM

Program Code: HOR8001

Instructor: Kathy Connolly, landscape designer, Speaking of Landscapes, LLC

Fee: \$51 (Members)/\$60 (Nonmembers)

Certificate: Elective: Basic or Advanced, Horticulture

CEU: MCLP: 1



SPRING/SUMMER 2024

# Native Plant 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.





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 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.

#### 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)\*

*\*Requirement fulfilled by taking one or more classes for a total of 3 hours of instruction time*

#### Application:

Two Studies (one Field, one Landscape)  
Community Service: 15 hours  
Final Portfolio (Your portfolio is a collection of your completed course materials.)

**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.

#### 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\*  
*\*Requirement fulfilled by taking one or more classes for a total of 6 hours of instruction time*

##### Application:

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

#### 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\*  
*\*Requirement fulfilled by taking one or more classes for a total of 6 hours of instruction time*

##### Application:

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

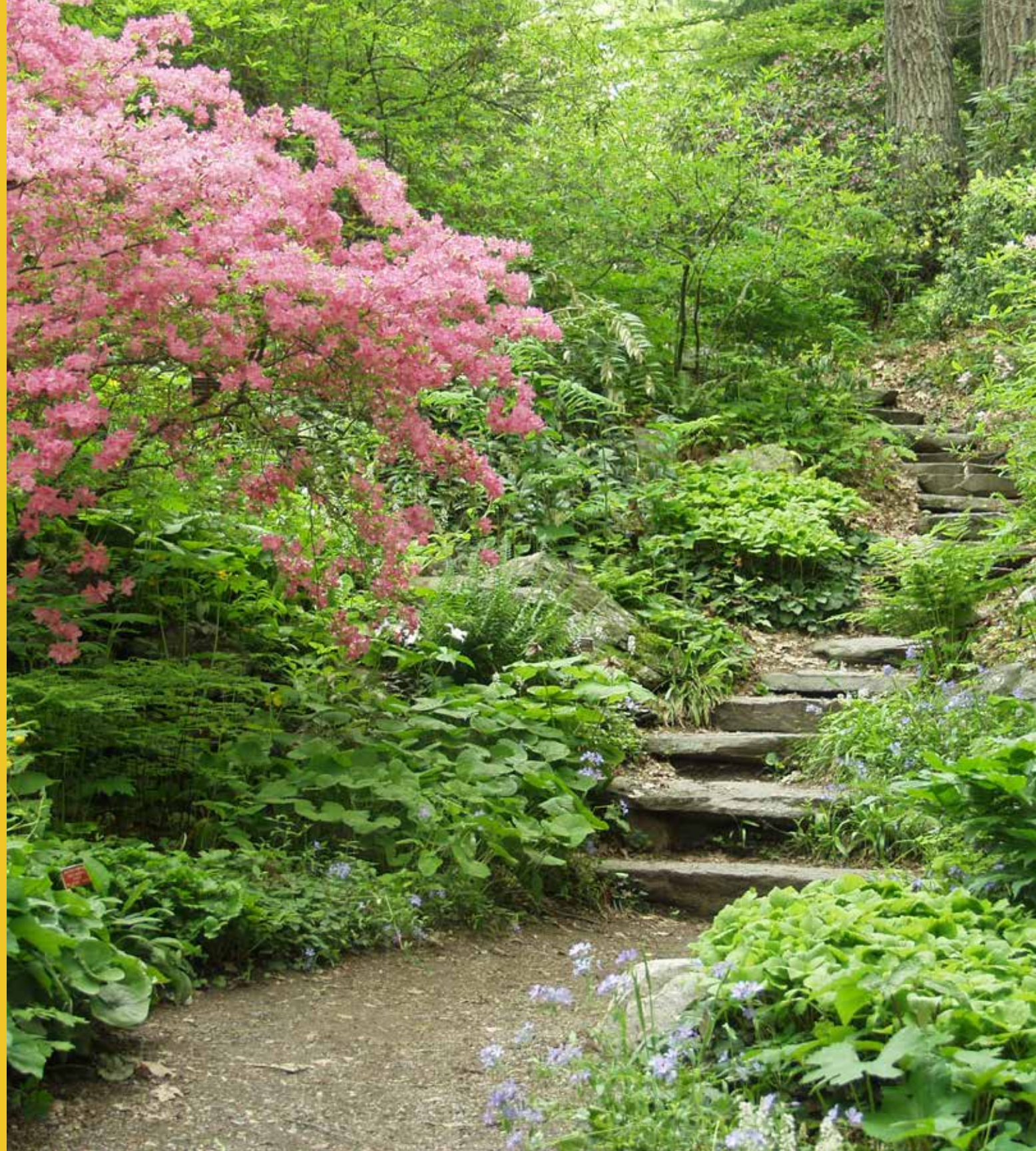


SPRING/SUMMER 2024

# Registration & Membership

Please visit [NativePlantTrust.org/education](https://NativePlantTrust.org/education) to register for our programs. For questions regarding registration, e-mail [education@nativeplanttrust.org](mailto:education@nativeplanttrust.org).

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.





# Registration

Please visit [NativePlantTrust.org/education](https://NativePlantTrust.org/education) to register for our programs. American Express, Discover, Visa, and MasterCard accepted. For questions regarding registration, email [education@NativePlantTrust.org](mailto: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](mailto:education@NativePlantTrust.org) or call (774) 301-8451, at the time you register or as soon as possible thereafter.

# Membership

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 \$125
- Supporter \$250
- Sustainer \$500
- Conservation Circle \$1,000

For a full description of member benefits, please visit our website or call 774-519-5555

[NativePlantTrust.org/support](https://NativePlantTrust.org/support) 

# Index

Date	Program	Page	Date	Program	Page
<b>PUBLIC EVENTS</b>					
4/22	Plant Families (Zoom)	24	9/21	Asters & Goldenrods	35
5/15	Trillium Tours	6	9/26	Botanical Inventory	36
5/17	Twilight Trilliums	6	10/5	Framework Trees	36
6/30	Queer Botany	7	<b>FIELD &amp; LANDSCAPE STUDIES</b>		
9/7	Sonifying Nature	8	4/27	Joralemon Park	38
10/5	Opening Reception	11	5/11	Inland Pine Barrens	38
10/6	Artist Talk	11	6/9	Mosses Field Study	38
<b>YOUTH &amp; FAMILY PROGRAMS</b>					
5/21	Ericaceae of NE	26	6/22	Bog & Fen	39
4/20	Plant Play	14	7/14	Mosses Field Study	38
5/16	Nature and Sculpture	14	7/27	Stratton Mountain	40
6/16	Flower Friends	15	8/17	Meadows & Naturalized Landscapes	40
7/13	Plants, Pollinators, & You	15	8/18	Mosses Field Study	38
9/7	Native Plant Portraits	15	9/21	Floodplain Forests	41
<b>ART &amp; NATURE</b>					
6/22	Sedges (Carex)	29	9/29	Fall Foliage	41
4/4	Inspired by Nature: Watercolor Painting	18	<b>HORTICULTURE &amp; DESIGN</b>		
6/1	Art of Observation	18	4/18	Native Edibles	42
6/16	Writing About Walking	19	4/22	Designing w/ Natives	42
6/23	Green Immersion	19	4/22	Gardening for Pollinators	42
8/5	Inspired by Nature: Watercolor Intensive	20	4/25	Native Plants & Birds	43
8/17	Art of Observation	18	5/4	Herbaceous Plants (Early)	43
8/18	Pictures from Plants	20	5/19	Visualizing Design	44
9/18	Plants in Art and Design	21	6/13	Native Hydrangeas	44
9/28	Botany is Survival	21	6/26	Managing Stormwater	45
<b>BOTANY &amp; CONSERVATION</b>					
6/29	Predatory Plants	29	7/14	Woody Plants	45
7/13	Native Shrubs	27	7/27	Herbaceous Plants (Late)	46
7/17	Native Shrubs (Zoom)	27	8/14	Landscape for Life	46
7/20	Fern ID & Ecology	30	8/15	Deer-Tolerant Landscapes	46
7/20	Mushrooms for Beginners	30	9/28	Site Preparation	46
8/3	Field ID Techniques	30	9/28	Meadows 1-2-3	47
8/7	Intro to Wetland ID	31			
8/11	Sedges (Non-Carex)	32			
8/24	How Insects Use Plants	32			
9/12	Adaptions to Fire	33			
9/14	Mushrooms for Beginners	30			
4/20	Plant Systematics	22			
4/21	Intro to Mosses	22			
4/22	Plants 101	23			
4/22	Plant Form & Function	23			
4/22	Plant Ecology	23			
9/15	NE Climbers	34			
9/13	Understanding Soils (Zoom)	34			
9/28	Understanding Soils	34			
9/15	Invasive Plants	34			
9/17	Aquatic Habitats	35			



# BRING THE GREEN DREAM TO LIFE

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](http://www.NativePlantTrust.org/fundprograms)

## Native Plant Trust

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