

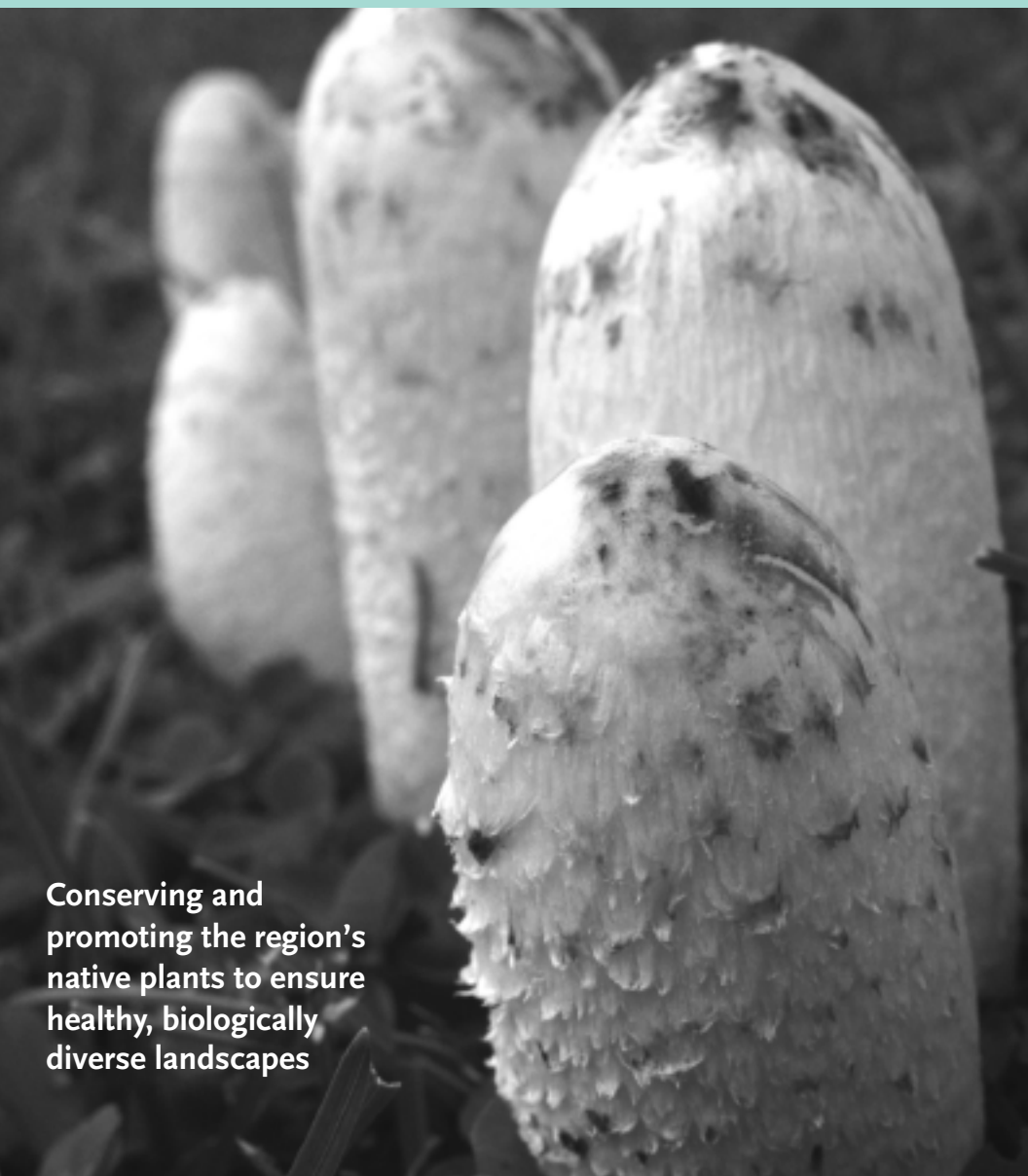
SPRING/SUMMER 2015

NEW ENGLAND
WILD
FLOWER
SOCIETY



learn+grow

THE PROGRAMS OF NEW ENGLAND WILD FLOWER SOCIETY



Conserving and
promoting the region's
native plants to ensure
healthy, biologically
diverse landscapes

Highlights

Climate Change and the Future
of Plant Life Symposium3

Northern Gardening Symposium...4

Naturalistic Garden Symposium....4

Weekend Gardening Series.....19

Home Gardening
Demonstrations.....20

Wild Walks20

Artists in the Garden.....29

New Family Programs.....31

Join us in Alaska35

NEW ENGLAND WILD FLOWER SOCIETY
180 Hemenway Road, Framingham, MA 01701
T 508-877-7630 F 508-877-3658
TTY 508-877-6553
registrar@newenglandwild.org
www.newenglandwild.org

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ON THE COVER

Shaggy ink cap (*Coprinus comatus*)
Photo: William Cullina

Continuing Education Units (CEUs)

Many of our programs qualify for continuing education units. Look for a list of CEUs under the program descriptions. We have been approved for the following CEUs:

- **AOLCP** (Northeast Organic Farming Association Accredited Organic Land Care Professionals)
- **CFE** (Society of American Foresters' Continuing Forestry Education)

- **MCH** (Massachusetts Certified Horticulturist)
- **MCLP** (Massachusetts Certified Landscape Professional)

Please visit

www.newenglandwild.org/learn/ceu
for the most up-to-date information on programs qualifying for CEUs.

contents

Highlights	1
Continuing Education Units	1

Date	Program	State	Page
SYMPOSIA			
3/26	Climate Change and the Future of Plant Life	MA	3
4/11	Northern Gardening Symposium	VT	4
5/8	Naturalistic Garden Symposium	MA	4

CERTIFICATE PROGRAMS			
4/16	Certificate Orientation	MA	5

BOTANY + CONSERVATION			
4/14	Vernal Pools for Conservation Professionals	MA	6
4/26	Preserving Native Plant Knowledge	CT	6
4/26	Edible Plant Identification and Use	CT	7
4/28	Wildflowers of New England	MA	7
5/2	Bartholomew's Cobble	MA	7
5/2	Fungi in the Field	MA	8
5/4	Spring Wildflowers at Macomber Woods	MA	8
5/6	A Painless Introduction to Fungi	MA	8
5/7	Introduction to Vernal Pools	MA	8
5/9	Estabrook Woods	MA	9
5/17	Wachusett Mountain State Reservation	MA	9
5/27	Native New England Shrubs	MA	10
5/30	Mount Toby Forest	MA	10
5/31	Foraging for Wild Plants	VT	10
6/7	Native Plant Life of Lake Sunapee	NH	11
6/14	Wild Coastal Edibles	MA	11
6/17	Rock Meadow Wildflowers	MA	11
6/24	Rhododendrons and Their Relatives	MA	12
7/1	New England Plant Communities	MA	12
7/10	Survey of Grasses of the Northeast	MA	12
7/11	Mount Kearsarge	NH	13
7/16	Wetland Plant Identification	MA	13
7/18	Introduction to Plant Families	MA	14
7/26	Introduction to Native Ferns	MA	14
7/26	Old Pepper Place Nature Reserve	VT	14
7/31	Blue Moon Night Hike	MA	15
8/2	Basic Wetland ID and Delineation	MA	15
8/6	Advanced Plant Inventory Techniques	MA	15
8/9	Caterpillars of Great Blue Hill	MA	16
8/11	Hydric Soils	MA	16
8/12	Preserving Native Plant Knowledge	RI	17
8/22	Mount Greylock State Reservation	MA	17
8/29	Abbey Pond	VT	18
8/30	Wells Barrens Preserve	ME	18
9/10	Native New England Shrubs	MA	10
10/1	Plant Form and Function	MA	18

HORTICULTURE + GARDENING			
Weekend Gardening Series		MA	19
Home Gardening Demonstrations		MA	20
Wild Walks			
4/1	Green Roofs and Living Walls	MA	21
4/12	Pruning: How, When, Where	MA	21
4/12	Small Motor and Garden Tool Maintenance	MA	22
4/25	Low-Impact Living: Tips for a Greener Yard	MA	22
4/30	Native Herbaceous Plant Materials:		
	Early Season	MA	22
5/3	Brewing Compost Tea	MA	23
5/6	Gardening for Pollinators	MA	23
5/16	Designed With Natives	MA	23
5/19	Eco-Gardening	MA	24
5/28	Grow Your Own Meadow	MA	24
5/30	Grow Your Own Meadow	CT	24
5/31	Moore State Park	MA	25
6/5	Sustainable Sites Tour	RI	25
6/9	Gardening for Pollinators	MA	25
6/16	Herbaceous Native Plants for Professionals	MA	26
6/19	Container Gardening	MA	26
6/28	Native Bees	MA	26
7/7	Rain Garden Fundamentals	MA	27
7/14	Landscape for Life	MA	27
7/23	Native Herbaceous Plant Materials:		
	Late Season	MA	27
8/2	Kill Your Lawn	MA	27
8/23	Introduction to Seed-Saving	MA	28
9/21	Native Woody Plant Materials	MA	28
10/1	Sustainable Site Design Basics	MA	28

ART IN NATURE			
Artists in the Garden		MA	29
6/4	Watercolor in the Garden	MA	29
6/13	Plant Macrophotography	MA	30
6/27	Landscape Photography	MA	30
8/16	Papermaking with Plants	MA	30

CHILDREN + FAMILIES			
4/26	Vernal Pools are Cool	MA	31
5/31	Meet the Wildflowers	MA	31
6/14	The Best Nest	MA	32
6/20	Summer Solstice Celebration	MA	32
7/19	Insect Investigation	MA	32

Become a Member	33
Registration Policies	33
How to Register	34
Visit Alaska	35



CLIMATE CHANGE AND THE FUTURE OF PLANT LIFE

Thursday, March 26 • 9 a.m.-4:30 p.m.

Microsoft New England R&D (NERD) Center • Cambridge, MA

How will plants respond to the predicted changes in temperature and precipitation from a warming climate? Five noted botanists and ecologists will discuss the state of New England's plants; the historical patterns and current evidence of climate-induced adaptation, migration, and loss; and strategies for conserving and managing plant species and natural communities in the face of climate change. Registration fee includes breakfast and lunch.

Speakers:

Dr. Elizabeth Farnsworth, Senior Research Ecologist, New England Wild Flower Society

Dr. David R. Foster, Director, Harvard Forest, Harvard University

Dr. Dov F. Sax, Associate Professor, Department of Ecology and Evolutionary Biology and Deputy Director for Education, Institute at Brown for Environment and Society, Brown University

Andy Finton, Conservation Programs Director, The Nature Conservancy's Massachusetts Chapter

Dr. Paul Smith, Secretary General, Botanic Gardens Conservation International

Program Code: SYMo800

Fee: \$100 (\$65 for students with valid I.D.)

Certificate: Elective: all certificates

CEU: 4 AOLCP; 2 MCLP

**Learn more and register online at
www.newenglandwild.org/sym**

symposia

Northern Gardening Symposium

Celebrate the beginning of spring in the northern garden with three dynamic speakers who will discuss the state of New England's plants and the many roles northern native perennials, trees, and shrubs can play in home gardens and public spaces. Registration fee includes continental breakfast and lunch.

Speakers:

Dr. Elizabeth Farnsworth, Senior Research Ecologist, New England Wild Flower Society

Thomas Christopher, horticulturist and writer

Dr. Mark C. Starrett, Associate Professor of Horticulture in the Department of Plant and Soil Science, The University of Vermont

Saturday, April 11, 9 a.m.-3 p.m.

Vermont Technical College, Conant Hall, Room 102, Randolph, VT

Program Code: SYM1002

Fee: \$44 (Member) /\$55 (Nonmember)

Certificate: Elective: HD/Adv.HD

Cosponsors: The Fells, Hardy Plant Club of Northern Vermont, Friends of the Horticulture Farm, UVM Extension Master Gardeners

CEU: 2 AOLCP

Naturalistic Garden Symposium

“What’s past is prologue.” After decades of landscape design that emphasized form over function, often at the expense of environmental quality, it is becoming more common for landscapes to reflect the principles developed by early twentieth-century naturalistic landscape designers like Will Curtis, founder of Garden in the Woods, and Warren Manning. Learn about the plants that support our efforts at developing ecologically sensitive gardens and the intriguing connections between the wild gardens of old and the ‘natural’ landscapes of today. Registration fee includes continental breakfast and lunch.

Speakers:

Rick Darke, President of RICK DARKE LLC, a Pennsylvania-based consulting firm that blends art, ecology, and cultural geography in the design and management of living landscapes

Tobias Wolf, award-winning landscape architect and the owner of Wolf Landscape Architecture

Carol Gracie, naturalist and author of *Spring Wildflowers of the Northeast: A Natural History*

Friday, May 8, 9 a.m.-4 p.m.

Garden in the Woods, Framingham, MA

Program Code: SYM0605

Fee: \$92 (Member) /\$115 (Nonmember)

Certificate: Elective: HD/Adv.HD

CEU: 2 AOLCP

certificate programs

Whether you are interested in taking classes for fun, adding breadth and depth to your existing knowledge and skills, or advancing your career, New England Wild Flower Society's self-paced certificate programs in Native Plant Studies offer a unique opportunity to learn about the region's flora. Our dedicated instructors provide a comprehensive education in the identification, cultivation, ecology, and conservation of native New England plants.

Students enrolled in our certificate programs gain a greater appreciation and understanding of native plant habitats, common and rare plant species, conservation issues, and uses of native plants in horticulture and design. In addition, students actively participate in ongoing public and private efforts to preserve and restore native New England flora.

We offer basic and advanced certificate programs in:

- Field Botany
- Native Plant Horticulture and Design.

Each certificate requires completion of core courses, elective classes, field studies, and community service. Advanced certificates also require the completion of a Native Plant Community Service Leadership Project.

CERTIFICATE ORIENTATION

Join Jessica Pederson, Director of Public Programs for New England Wild Flower Society, and certificate program graduates to learn about the curriculum and structure of the Society's Certificate in Native Plant Studies programs. Everyone is welcome at this free presentation. Preregistration is requested, but not required.

Thursday, April 16, 6:30-8 p.m.

Garden in the Woods, Framingham, MA

Program Code: CER8000

Instructor: Jessica Pederson, Director of Public Programs

ENROLL NOW!

Complete the certificate registration form on page 34 of this catalog or visit us online at

www.newenglandwild.org/learn/certificate

to learn more.

There is a one-time certificate enrollment fee of \$30. Join the Society to receive discounts on programs.

CERTIFICATE CREDIT

FB=Field Botany basic certificate

Adv. FB=Field Botany advanced certificate

HD=Native Plant Horticulture and Design basic certificate

Adv. HD=Native Plant Horticulture and Design advanced certificate

Field=botanical, horticultural, or design field studies

Core=Core Courses

Elective=Elective Classes

PDW=Professional Design Workshops

Some programs satisfy more than one requirement.

botany + conservation



photo by Linda Ruth

VERNAL POOLS FOR CONSERVATION PROFESSIONALS

This professional development workshop is designed for conservation commissioners, agency personnel, and consultants who are looking for an in-depth understanding of vernal pool ecology and of the Massachusetts regulations designed to protect vernal pools. The full-day workshop will include a visit to a vernal pool. Bring a bag lunch.

Tuesday, April 14, 9 a.m.-3 p.m.

Garden in the Woods, Framingham, MA

Program Code: WET2022

Instructors: Matthew Burne, conservation biologist and vernal pool expert, and Leo P. Kenney, vernal pool expert and President of the Vernal Pool Association

Fee: Free (preregistration required)

Limit: 25

Cosponsors: Walden Woods Project, Vernal Pool Association, and Massachusetts Association of Conservation Commissions

CEU: 4 AOLCP; 1 CFE

PRESERVING NATIVE PLANT KNOWLEDGE

Interacting with native plants in the wild is critical to preserving them. In addition, connecting with native plants through pursuits such as foraging, wildcrafting, and medicine, helps to connect us to the wilder world. Learn about this region's many native plants, which can be used to nourish, heal, and craft!

Sunday, April 26, 10:30 a.m.-12 p.m.

Greenwich Audubon, Greenwich, CT

Program Code: BOT7015

Instructor: Arthur Haines, Research Botanist, New England Wild Flower Society

Fee: \$12 (Member) /\$15 (Nonmember)

Certificate: Elective: all certificates

Cosponsor: Greenwich Audubon

CEU: 2 AOLCP

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EDIBLE PLANT IDENTIFICATION AND USE

Discover southern New England's edible native plants. Arthur Haines leads a fascinating walk through Greenwich Audubon's 285-acre sanctuary looking for plants that can be used to nourish, heal, and craft. We will discuss the value of native plants in our diets, their uses in herbal therapy, and how to prepare them for human consumption. This is a follow-up on the morning lecture, "Preserving Native Plant Knowledge."

Sunday, April 26, 1 p.m.-3:30 p.m.

Greenwich Audubon, Greenwich, CT

Program Code: BOT7016

Instructor: Arthur Haines, Research Botanist, New England Wild Flower Society

Fee: \$20 (Member) /\$25 (Nonmember)

Limit: 24

Certificate: Field: FB/Adv.FB

Cosponsor: Greenwich Audubon

CEU: 2 AOLCP

WILDFLOWERS OF NEW ENGLAND

New to the world of native plants? There's no better way to study native New England flora than in the field. In this class, we will learn to identify New England's native flora by studying their habitats at Garden in the Woods and looking at family characteristics, growth patterns, and key identification features of flowers, leaves, and stems. Bring a hand lens and *Newcomb's Wildflower Guide* to each class.

Garden in the Woods, Framingham, MA

Instructor: Ted Elliman, botanist

Fee: \$136 (Member) /\$170 (Nonmember)

Limit: 16

Certificate: Core: FB/HD; Elective: all certificates

CEU: 2 AOLCP; 2 MCLP; 1 MCH

**Tuesdays, April 28, May 5, 12, 26,
10 a.m.-12:30 p.m.**

Program Code: BOT3000

Tuesdays, April 28, May 5, May 26, 6:30-9 p.m.;
Saturday, May 16, 10 a.m.-12:30 p.m.

Program Code: BOT3001

BARTHOLOMEW'S COBBLE

Created by geologic upheavals when the Taconic and Berkshire mountain ranges were formed, this 100-foot-high bedrock outcropping supports roughly 800 species of plants, including rare ferns and wildflowers. Join us as we explore the outstanding diversity of plant life and enjoy the great views at this designated National Natural Landmark. Bring a bag lunch.

Saturday, May 2, 10 a.m.-2 p.m.

Sheffield, MA

Program Code: FDT2017

Instructor: Ted Elliman, botanist

Fee: \$37 (Member) /\$46 (Nonmember)

Limit: 15

Certificate: Field: FB/Adv.FB



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FUNGI IN THE FIELD

Can you distinguish a bolete from a gilled mushroom? What is a mushroom anyway? While fall is considered fungi season in the Northeast, fungi are seasonally cyclical and different species and types can be found almost anytime except deep winter. Join us for a walk around the sanctuary to discover as many fungi as we can. Learn about the crucial and sometimes astonishing roles these fascinating life forms have in the ecosystem and some methods for identifying mushrooms and other fungi in the field.

Saturday, May 2, 1-3:30 p.m.

Drumlin Farm Wildlife Sanctuary, Lincoln, MA

Program Code: FDT1079

Instructor: Jef Taylor, naturalist

Fee: \$28 (Member) /\$34 (Nonmember)

Limit: 12

Certificate: Field: FB/Adv.FB

Cosponsor: Mass Audubon

SPRING WILDFLOWERS AT MACOMBER WOODS

This 57-acre oasis encompasses meadows and upland forest as well as Barton Brook, a rocky, babbling stream that creates beautiful wooded wetlands. Untouched for decades, the site has been reclaimed by nature, yet stonework, cattle guards, and century-old wisteria vines and rhododendrons evoke a sense of the human influence. Join us in exploring this idyllic landscape as we enjoy the glory of the spring wildflowers in bloom. Bring a bag lunch.

Monday, May 4, 10 a.m.-2 p.m.

Framingham, MA

Program Code: FDT1006

Instructor: Roland "Boot" Boutwell, naturalist

Fee: \$37 (Member) /\$46 (Nonmember)

Limit: 16

Certificate: Field: FB/Adv.FB

A PAINLESS INTRODUCTION TO FUNGI

Fungi might be the most ecologically valuable organisms on our planet. Learn why the members of this diverse group are essential for decomposition and for the growth of most vascular plants. During the second half of the class, we will walk through the woods to investigate fungi, fungal substrates, and fungal taxonomy. Note: This class does not focus on edibles.

Wednesday, May 6, 1-5 p.m.

Garden in the Woods, Framingham, MA

Program Code: BOT3803

Instructor: Lawrence Millman, mycologist and author

Fee: \$52 (Member) /\$64 (Nonmember)

Limit: 20

Certificate: Elective: FB/Adv.FB

CEU: 2 AOLCP; 1 MCLP; ½ MCH

INTRODUCTION TO VERNAL POOLS

Now you see them, now you don't. Vernal pools, which typically disappear in late summer, provide critical habitat for the amphibians that migrate to these wetlands every year. They also support a wide variety of invertebrates, birds, mammals, and reptiles. Discover what makes this forest ecosystem unique, and observe one up close.

Thursday, May 7, 1-4 p.m.

Garden in the Woods, Framingham, MA

Program Code: WET2021

Instructor: Matthew Burne, conservation biologist and vernal pool ecologist

Fee: \$39 (Member) /\$48 (Nonmember)

Limit: 25

Certificate: Elective: FB/Adv.FB

Cosponsor: Walden Woods Project

CEU: 1 MCLP

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ESTABROOK WOODS

Come explore the northwestern reaches of Estabrook Woods, a 1,200-acre woodland where calcareous deposits and recent snow melt nourish locally rare trees and spring wildflowers. Learn about the rich botanical and cultural history of this uniquely undeveloped landscape, which Henry David Thoreau explored and chronicled in some 160 journal entries.

Saturday, May 9, 1-4 p.m.

Concord, MA

Program Code: FDT1113

Instructor: Cherrie Corey, naturalist and photographer

Fee: \$28 (Member) /\$35 (Nonmember)

Limit: 18

Certificate: Field: FB/Adv.FB

WACHUSETT MOUNTAIN STATE RESERVATION

Join us on a spring hike to the summit of Mount Wachusett. The mountain rises more than 2,000 feet above the surrounding forest, and on a clear day, visitors to the summit can see Mount Monadnock to the north, the Berkshires to the west, and the Boston skyline to the east. We'll explore the old-growth forest along the Semuhenna Trail ravine, a perched bog just south of the mountain's summit, and rich mesic slopes along the Jack Frost Trail. The trails are fairly steep. Bring a bag lunch, water, and your favorite field guides.

Sunday, May 17, 10 a.m.-2 p.m.

Princeton, MA

Program Code: FDT1025

Instructor: Amanda Weise, Ecological Programs Coordinator, New England Wild Flower Society

Fee: \$36 (Member) /\$44 (Nonmember)

Limit: 16

Certificate: Field: FB/Adv.FB



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NATIVE NEW ENGLAND SHRUBS

Shrubs vary widely in size, shape, color, bark, flower, and fruit. This course will introduce you to almost fifty species of native New England shrubs, emphasizing plant identification, family characteristics, and historical plant uses. Bring a hand lens to each session. Weekend sessions are held in off-site locations; directions will be provided during the first class.

Garden in the Woods, Framingham, MA, and field sites

Instructor: Roland "Boot" Boutwell, naturalist

Fee: \$200 (Member) /\$250 (Nonmember)

Limit: 16

Certificate: Core: FB/HD; Elective all certificates

CEU: 4 AOLCP; 2 MCLP; 1 MCH

Wednesdays, May 27, June 3, 10, 6:30-8:45 p.m.;

Saturdays, May 30, June 6, 9 a.m.-1:30 p.m.

Program Code: BOT3301

Thursdays, September 10, 17, 24, 6:30-8:45

p.m.; Saturdays, September 12, 19, 9 a.m.-1:30 p.m.

Program Code: BOT3300

MOUNT TOBY FOREST

Rising more than 1,200 feet above the Connecticut River Valley, Mount Toby is considered one of the most biodiverse areas in New England. Join us in exploring the cliffs, caves, waterfalls, wetlands, and open fields of this 755-acre conservation area as we search for uncommon plants such as Allegheny-vine, purple virgin's-bower, clustered sanicle, and whip nutsedge. The trails are fairly steep. Bring a bag lunch, water, and your favorite field guides.

Saturday, May 30, 10 a.m.-2 p.m.

Sunderland, MA

Program Code: FDT2033

Instructor: Amanda Weise, Ecological Programs Coordinator, New England Wild Flower Society

Fee: \$36 (Member) /\$44 (Nonmember)

Limit: 16

Certificate: Field: FB/Adv.FB

FORAGING FOR WILD PLANTS

Wild plants found in the Northeast can add variety to one's diet and supply rich nutrients that aren't always found in cultivated species. Spend an afternoon in the wild with Arthur Haines, author of *Flora Novae Angliae*, learning how to identify, harvest, and prepare wild plants found in central Vermont. Come prepared for the weather and uneven ground, and bring a hand lens if you have one.

Sunday, May 31, 1-3:30 p.m.

Vermont Institute of Natural Science Nature Center, Quechee, VT

Program Code: FDT5016

Instructor: Arthur Haines, Research Botanist, New England Wild Flower Society

Fee: \$23 (Member) /\$28 (Nonmember)

Limit: 14

Certificate: Field: FB/Adv.FB

Sponsor: Vermont Institute of Natural Science

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NATIVE PLANT LIFE OF LAKE SUNAPEE

Lake Sunapee is one of New Hampshire's largest lakes, with eight miles of shoreline that hosts a wide range of native plants. Arthur Haines, author of *Flora Novae Angliae*, will lead a field study along Lake Sunapee's shoreline to examine these plants and identify those suited for use in horticulture. Wear footwear appropriate for uneven ground; bring a hand lens and protection from the elements.

Sunday, June 7, 1-3:30 p.m.

The Fells, Newbury, NH

Program Code: FDT5015

Instructor: Arthur Haines, Research Botanist,
New England Wild Flower Society

Fee: \$23 (Member) /\$28 (Nonmember)

Limit: 16

Certificate: Field: FB/Adv.FB

Cosponsor: The Fells

WILD COASTAL EDIBLES

Discover dozens of nutritious wild coastal edible plants! Join Russ Cohen, foraging expert and author of *Wild Plants I Have Known...and Eaten*, for a walk at Dolliber's Cove and Crowninshield Island in Marblehead, MA. You'll learn how to identify, find, and prepare edible coastal plants safely and responsibly.

Sunday, June 14, 1:30-4:30 p.m.

Marblehead, MA

Program Code: FDT1038

Instructor: Russ Cohen, author and naturalist

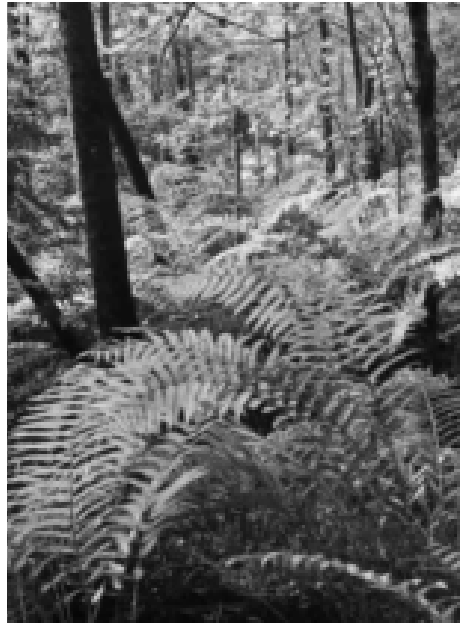
Fee: \$25 (Member) /\$35 (Nonmember)

Limit: 20

Certificate: Field: FB/Adv.FB

Cosponsor: The Trustees of Reservations

CEU: 3 AOLCP



ROCK MEADOW WILDFLOWERS

During the spring, the meadows, woods, and wetlands of Rock Meadow Conservation Area are ablaze with colorful wildflowers. This 70-acre preserve is considered an important grassland conservation area because it provides habitat for plants and animals that are rapidly disappearing as forests and suburbs encroach upon former farmland. We'll see plants that can be used to attract monarch butterflies, and, according to ancient lore, cure poison ivy and calm unruly oxen. Bring a bag lunch and a hand lens if you have one.

Wednesday, June 17, 10 a.m.-2 p.m.

Belmont, MA

Program Code: FDT1093

Instructor: Roland "Boot" Boutwell, naturalist

Fee: \$37 (Member) /\$46 (Nonmember)

Limit: 16

Certificate: Field: FB/Adv.FB

CEU: 1 MCLP; ½ MCH

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RHODODENDRONS AND THEIR RELATIVES

This summer, visit the Garden's rhododendrons in peak bloom. A member of the Ericaceae, or heath, family, rhododendrons thrive in New England's acidic soils. We'll begin by looking at plant attributes and discussing how the many members of this diverse genus were named and classified, and then move outside to learn tips for identifying the rhododendrons you may find in your own woods.

Wednesday, June 24, 9:30 a.m.-12:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: BOT2313

Instructor: Carol Govan, naturalist and artist

Fee: \$44 (Member) /\$54 (Nonmember)

Limit: 16

Certificate: Core: Adv.FB; Elective: all certificates

CEU: 1 MCLP

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 montane. Learn how soil, topography, moisture, geological conditions, glaciation, and historical use affect the vegetation of each community. We will study each community's dominant canopy, structure, range, and characteristic species, then apply this knowledge in the field.

Wednesdays, July 1, 8, 15, 6-8:30 p.m.;

Sundays, July 12, 19, 10 a.m.-2 p.m.

Garden in the Woods, Framingham, MA,
Susan B. Minns Wildlife Sanctuary, Princeton,
MA, and Sly Ponds, Plymouth, MA

Program Code: BOT4000

Instructor: Dr. Patricia Swain, natural
community ecologist

Fee: \$224 (Member) /\$280 (Nonmember)

Limit: 16

Certificate: Core: FB; Elective all certificates

CEU: 4 AOLCP; 2 MCLP; 1 MCH

SURVEY OF GRASSES OF THE NORTHEAST

Join the author of *Grasses of the Northeast* to explore grasses. Using dried specimens and microscope displays, we will study the characteristics of ten tribes and over forty genera of common grasses. The first day will be devoted to lecture and specimen examination. On the second day, we'll venture into the field, where you will have the opportunity to apply your new skills. Bring a hand lens. We recommend you buy *Grasses of the Northeast*, Magee, 2014.

**Friday, July 10, 9 a.m.-3 p.m.; Saturday, July 11,
10 a.m.-2 p.m.**

Garden in the Woods, Framingham, MA and
nearby field site

Program Code: BOT3518

Instructor: Dennis Magee, author,
environmental consultant

Fee: \$88 (Member) /\$110 (Nonmember)

Limit: 16

Certificate: Core: Adv.FB; Elective: all
certificates

CEU: 4 AOLCP; 2 MCLP; 1 MCH



botany + conservation

MOUNT KEARSARGE

New Hampshire's Mount Kearsarge is a monadnock—a lone mountain that stands above the surrounding area—and at 2,900 feet above sea level, it offers impressive views from the summit. During this day in the field, we will examine the mountain's natural history and learn about ecology, plant life (including edible plants), birding, and geology. Bring a bag lunch, water, a hand lens, and binoculars. Wear proper footwear and clothing.

Saturday, July 11, 10 a.m.-3 p.m.

Warner, New Hampshire

Program Code: FDT5014

Instructor: Arthur Haines, Research Botanist, New England Wild Flower Society

Fee: \$47 (Member) /\$58 (Nonmember)

Limit: 16

Certificate: Field: FB/Adv.FB

Cosponsor: The Fells

WETLAND PLANT IDENTIFICATION

Some of the most productive ecosystems on earth are wetlands, but apart from their proximity to water, wetland habitats vary considerably. This is your chance to learn about the distinctive ecology and common indicator species of various wetland community types. Following a brief lecture, the class will visit a red maple swamp, a floodplain marsh, and a pond to observe ferns, sedges, and various aquatic species as well as shrubs and trees. Bring a hand lens, lunch, and water; come prepared for wet feet.

Thursday, July 16, 6:30 p.m.-8:30 p.m.;

Friday, July 17, 10 a.m.-2 p.m.

Garden in the Woods, Framingham, MA

Program Code: WET1000

Instructor: Ted Elliman, botanist

Fee: \$72 (Member) /\$90 (Nonmember)

Limit: 12

Certificate: Elective: FB/Adv.FB

Cosponsor: Massachusetts Association of Conservation Commissions

CEU: 4 AOLCP; 2 MCLP; 1 MCH



botany + conservation

INTRODUCTION TO PLANT FAMILIES

To really know a plant, you must understand its plant family. In this class, we will use both microscopic and field investigation to decipher the clues to familial relationships and classifications of New England's wild plants. You'll learn the basic formulas for plant structure and practice applying them to other families. Bring lunch and a hand lens.

Saturdays, July 18, 25, August 1, 10 a.m.-2 p.m.

Garden in the Woods, Framingham, MA

Program Code: BOT2260

Instructor: Carol Govan, naturalist

Fee: \$178 (Member) /\$218 (Nonmember)

Limit: 16

Certificate: Core: FB; Elective: all certificates

Cosponsor: The Arnold Arboretum of Harvard University

CEU: 3 AOLCP; 1 MCLP; 1 MCH

INTRODUCTION TO NATIVE FERNS

Beautiful and flowerless, ferns are among the most ancient plants in the world. Learn to distinguish among the most common ferns of New England through lecture, microscopic examination of fresh plant material, and field study. By the end of class, you will be familiar with most of the ferns you encounter in the woods. Bring lunch and a hand lens if you have one.

Sunday, July 26, 11 a.m.-3:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: BOT3410

Instructor: Don Lubin, fern enthusiast

Fee: \$64 (Member) /\$80 (Nonmember)

Limit: 16

Certificate: Elective: all certificates

CEU: 4 AOLCP; 1 MCLP; ½ MCH

OLD PEPPER PLACE NATURE RESERVE

Old Pepper Place is a stunning, biologically diverse parcel of land. The 350-acre old hill farm includes two small fens and offers wonderful views of forested lands, open fields, and the Green Mountains. During this field trip you will learn about the Reserve's natural history with a focus on plant life and identification. We will discuss the geology and ecology of the area, look for edible plants and birds, and interpret tracks and other signs of wildlife. Bring a bag lunch, a hand lens, and binoculars. Wear proper footwear and clothing.

Sunday, July 26, 1-4 p.m.

Washington, VT

Program Code: FDT5017

Instructor: Arthur Haines, Research Botanist, New England Wild Flower Society

Fee: \$28 (Member) /\$35 (Nonmember)

Limit: 14

Certificate: Field: FB/Adv.FB

Cosponsor: Vermont Institute of Natural Science



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BLUE MOON NIGHT HIKE

Blue moons are rare enough, but the Blue Moon hasn't coincided with the Full Thunder Moon for over ten years. Join us in celebrating this occasion with poetry and moon lore: how did the Full Thunder Moon get its name? What is a Blue Moon? Then we'll head into the Garden for a walk to observe the landscape in all its moonlit splendor. For ages 16 and up.

Friday, July 31, 7:30-9:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: FDT1126

Instructor: Roland "Boot" Boutwell, naturalist

Fee: \$16 (Member) /\$20 (Nonmember)

Limit: 18

Cosponsor: Mass Audubon

BASIC WETLAND ID AND DELINEATION

This two-day course introduces the principal elements of wetland identification: wetland hydrology; hydric soils; and hydrophytic plants. Together, we will identify plants in the field, place a delineation line, and utilize web resources for preparation. Recommended gear includes a field notebook, field guides, soil color charts, an auger, and rain gear. Bring a bag lunch. Some pre-class reading is required.

**Sunday, August 2, Friday, August 7,
9 a.m.-4 p.m.**

Garden in the Woods, Framingham, MA

Program Code: WET2010

Instructor: Alan Anacheka-Nasemann, ecologist and wetland scientist

Fee: \$160 (Member) /\$200 (Nonmember)

Limit: 12

Certificate: Core: Adv.FB; Elective: FB

Cosponsor: Massachusetts Association of Conservation Commissions

CEU: 4 AOLCP

ADVANCED PLANT INVENTORY TECHNIQUES

This course will cover the procedures and techniques for conducting a botanical inventory on conservation land. Following an evening session in which we will review research and sampling methods, we will spend a full day in the field inventorying the vascular plants on an ecologically diverse site. On the second evening, we will review our results, identify plants that were puzzling in the field, and compile a complete list of our findings.

Thursdays, August 6, 13, 6:30-8:30 p.m.;
Saturday, August 8, 10 a.m.-4 p.m.

Garden in the Woods, Framingham, MA

Program Code: BOT2055

Instructor: Ted Elliman, botanist

Fee: \$160 (Member) /\$200 (Nonmember)

Limit: 15

Certificate: Core: Adv.FB; Elective: all certificates

CEU: 4 AOLCP; 2 MCLP; 1 MCH



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CATERPILLARS OF GREAT BLUE HILL

Come explore Great Blue Hill and learn about its surprising caterpillars! From the ski-slope meadows to the pitch pine and scrub oak barren tops, the area is home to many strange and wonderful creatures. Past trips have uncovered the clown-eyed spicebush swallowtail, the giant polyphemus, the hydraulic tailed furcula, and the simply indescribable monkey slug.

Sunday, August 9, 1-4 p.m.

Canton, MA

Program Code: FDT5044

Instructor: Sam Jaffe, naturalist, photographer, caterpillar expert, and Director, The Caterpillar Lab

Fee: \$28 (Member) /\$35 (Nonmember)

Limit: 20

Certificate: Field: FB/Adv.FB

CEU: 2 AOLCP

HYDRIC SOILS

This course for environmental professionals serves as an introduction or refresher on hydric soils, with a focus on understanding the current field indicators of hydric soils in the United States (USDA-NRCS), the basis for USACE soil descriptions. During the morning classroom session, we will review basic soil descriptors including color, texture, and soil development, specifically hydric characteristics, and redoximorphic features. In the afternoon field session, we will learn to apply these indicators to soils. Bring available field equipment and a bag lunch; wear footwear appropriate for muddy conditions.

Tuesday, August 11, 9 a.m.-4 p.m.

Garden in the Woods, Framingham, MA

Program Code: BOT4005

Instructor: Amanda Atwell, CPSS, Project Scientist, Epsilon Associates, Inc.

Fee: \$88 (Member) /\$110 (Nonmember)

Limit: 12

Certificate: Elective: FB/Adv.FB

Cosponsor: Massachusetts Association of Conservation Commissions

CEU: 4 AOLCP; 2 MCLP; ½ MCH

botany + conservation

PRESERVING NATIVE PLANT KNOWLEDGE

Join Arthur Haines at the SVF Foundation's ongoing lecture series for a presentation on the importance of human interaction with native plants and their habitats. We will learn about the many uses of New England native plants for food, medicine, and the creation of materials and household goods.

Wednesday, August 12, 7-8 p.m.

SVF Foundation, Newport, RI

Program Code: BOT7036

Instructor: Arthur Haines, Research Botanist, New England Wild Flower Society

Fee: Free (Preregistration required)

Cosponsor: SVF Foundation

CEU: 1 AOLCP

To Register: Please contact Kate Rowles at Kate@svffoundation.org or 401-848-7229 ext. 10

MOUNT GREYLOCK STATE RESERVATION

Mount Greylock is well known as the highest point in Massachusetts. Less known is that it harbors some of the state's most diverse plant life. Come with us to hike Greylock's northern slopes and see first-hand how the bedrock geology influences the plant profiles of the mountain's rich forests. The hike will be on a moderate slope and we will walk at a botanical pace—slowly.

Saturday, August 22, 10 a.m.-3 p.m.

Mount Greylock State Reservation, Lanesborough, MA

Program Code: FDT2066

Instructor: John Burns, Plant Conservation Volunteers Administrative Coordinator, New England Wild Flower Society

Fee: \$44 (Member) / \$55 (Nonmember)

Limit: 16

Certificate: Field: FB/Adv.FB



botany + conservation

ABBEY POND

The high peaks of Green Mountain National Forest may be out of reach for some, but Abbey Pond is just a stone's throw from town. The walking trail winds through untouched forest, includes three stream crossings, and ends at Abbey Pond, an undiscovered wetland full of interesting plants, nesting great blue herons, and other wildlife.

Saturday, August 29, 10 a.m.-3 p.m.

Abbey Pond, Green Mountain National Forest, Ripton, VT

Program Code: FDT5018

Instructor: John Burns, Plant Conservation Volunteers Administrative Coordinator, New England Wild Flower Society

Fee: \$44 (Member) /\$55 (Nonmember)

Limit: 16

Certificate: Field: FB/Adv.FB



WELLS BARRENS PRESERVE

Join us at the 367-acre Wells Barrens Preserve in southern Maine. The Preserve contains a variety of rare, fire-adapted plant communities, including sandplain grasslands, blueberry heath barrens, and pitch pine woodlands. The Nature Conservancy manages the property with periodic prescribed burns to maintain these communities and the rare flora and fauna that they support. Our walk will take us on flat and gently sloping sandy trails. Bring a bag lunch.

Sunday, August 30, 10 a.m.-2 p.m.

Kennebunk, ME

Program Code: FDT1371

Instructor: Ted Elliman, botanist

Fee: \$37 (Member) /\$46 (Nonmember)

Limit: 15

Certificate: Field: FB/Adv.FB

PLANT FORM AND FUNCTION

In this introduction to botany, you will learn the basics of plant anatomy and physiology and study the fundamentals of the plant kingdom through slides and live materials. Microscopic study will provide an up-close look at roots, stems, leaves, and their component tissues. You will examine flowers, fruits, and seeds and discuss pollination, fertilization, dispersal, and germination, emphasizing the relationship between plant form and function.

**Thursdays, October 1, 8, 15, 22, 29,
November 5, 6:30-9 p.m.**

Bentley University, Waltham, MA

Program Code: BOT1000

Instructor: Dr. Nancy Eyster-Smith, botanist

Fee: \$200 (Member) /\$250 (Nonmember)

Limit: 16

Certificate: Core: FB/HD; Elective: all certificates

CEU: 4 AOLCP; 2 MCLP; 1 MCH

horticulture + gardening

Weekend Gardening Series

Learn essential gardening skills this summer at Garden in the Woods. Join us in the Garden on selected Saturdays from 2 p.m. to 3 p.m. In these instructor-led demonstrations, our horticultural professionals will show you how to get beautiful results in your garden using native plants. Registration required.

Garden in the Woods, Framingham, MA

Fee: \$16 (Member) /\$20 (Nonmember)

Limit: 15

Choosing the Right Plant

The right plant for the right place

June 13 or September 5

Composting

Strategies for composting with ease

July 25

Planting

Essential tips for plant establishment

June 27 or September 19

Managing Invasive Plants

Stop invasives in their tracks

August 8

Pruning

Cut the mystery out of pruning

July 11 or October 3

Managing Insects and Diseases

Protect your plants without pesticides

August 22



horticulture + gardening

Home Gardening Demonstrations

Whether you have a few small containers or a large home garden, our home gardening experts can help you keep your plants thriving and your garden looking great. Join us at the Garden Shop at Garden in the Woods on selected Saturdays at 1 p.m. for half-hour demonstrations using native plants. Demonstrations are free with admission.

Selected Saturdays, 1-1:30 p.m.

Garden in the Woods, Framingham, MA

Fee: Free with Garden admission

The Right Tool for the Project - May 2

Compost Tea - May 9

Plants for Bees and Butterflies - May 16

Plants for Containers - May 23

Plants from Cuttings - May 30

Bog Gardens - June 6

Summer Pollinator Plants - June 20

Plants from Seeds - July 18

Plants from Cuttings - August 1

Plants for Bees and Butterflies - August 15

Bog Gardens - August 29

Fall a Great Time to Plant - September 12

Quick Bonsai - September 26

Putting Your Garden to Bed - October 3



Wild Walks

Take a twilight walk through the Garden with our horticulture staff to see what's in bloom and learn seasonally relevant gardening tips. Wild Walks are free with admission and take place on selected Thursdays from 6 p.m. to 7 p.m. at Garden in the Woods. The light is exceptionally beautiful at this time of day, and every walk will be unique!

Selected Thursdays, April 23, May 14, May 28, June 11, June 25, 6-7 p.m.

Garden in the Woods, Framingham, MA

Fee: Free with Garden admission



horticulture + gardening



GREEN ROOFS AND LIVING WALLS

Living roofs and walls are popping up everywhere, in social media, magazines, and in our cities. What are they? How do they work? Can you have one? Trevor Smith will explain it all: the pros and cons of the different systems on the market, his successes and failures, and the steps you must follow to take your garden to new heights.

Wednesday, April 1, 6:30-7:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR4078

Instructor: Trevor Smith, Landscape Designer, LEED Green Associate, Land Escapes

Fee: \$20 (Member) /\$25 (Nonmember)

Certificate: Elective: HD/Adv.HD

Cosponsor: Ecological Landscape Alliance

CEU: 1 AOLCP; 1 MCLP

PRUNING: HOW, WHEN, WHERE

Early spring is an excellent time to prune many woody plants. In this hands-on workshop, participants will work in small groups and receive instruction on how to prune woody plants. Discover ways to enhance a plant's vigor, health, and appearance, and learn which tools to use, when to prune and how plants respond. Bring hand pruners, dress in outdoor work clothes, and come prepared for the elements.

Sunday, April 12, 1:30-4:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR3120

Instructor: Deborah Howe, landscape architect, and President, Lighthall Company

Fee: \$40 (Member) /\$48 (Nonmember)

Limit: 16

Certificate: Elective: HD/Adv.HD

CEU: 3 AOLCP; 1 MCLP

horticulture + gardening

SMALL MOTOR AND GARDEN TOOL MAINTENANCE

Have you ever walked into your shed or garage and felt overwhelmed by the many tools in need of maintenance? Don't be left in the dark this spring—join us for a workshop on the basic techniques every gardener needs to maintain hand tools and equipment. We'll cover oil-changing, greasing, air-filter cleaning and replacement, blade sharpening, handle replacement, storing and maintaining hand tools, and much more. Bring a bag lunch.

Sunday, April 12, 9 a.m.-2 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR3351

Instructor: Nate McCullin, horticulturist

Fee: \$60 (Member) /\$72 (Nonmember)

Limit: 16

Certificate: Elective: HD/Adv.HD

CEU: 1 AOLCP

LOW-IMPACT LIVING: TIPS FOR A GREENER YARD

Interested in learning how your garden or yard can better support your low-impact lifestyle? Join Dan Jaffe for a look at how easily you can incorporate sustainable practices into lawn and garden maintenance. Small steps can have a very big impact!

Saturday, April 25, 9 a.m.-12 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR4315

Instructor: Dan Jaffe, Propagator and Stock Bed Grower, New England Wild Flower Society

Fee: \$40 (Member) /\$48 (Nonmember)

Limit: 30

Certificate: Elective: HD/Adv.HD

CEU: 3 AOLCP



NATIVE HERBACEOUS PLANT MATERIALS: EARLY SEASON

Discover numerous native perennials suitable for New England gardens. We'll look at native herbaceous plants that bloom in spring and early summer, focusing on how to use them effectively to create beautiful landscapes and gardens. Be prepared to walk in the Garden each day. This class is appropriate for landscape professionals and avid home gardeners. It is a companion to Native Herbaceous Plant Materials: Late Season, but can be taken separately.

Thursdays, April 30, May 14, May 28, June 11, 1-3:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR1000

Instructor: Jessie Panek, landscape designer

Fee: \$154 (Member) /\$182 (Nonmember)

Limit: 16

Certificate: Core: HD; Elective: all certificates

CEU: 2 AOLCP; 2 MCLP

horticulture + gardening

BREWING COMPOST TEA

This class will introduce the novice home gardener to compost tea, an organic alternative for improving soil health and root growth, rectifying nutrient deficiencies, and even reducing pest and disease problems. Nate McCullin will distill the complexities of creating and ‘cooking’ your brew, maintaining your brewer, and applying the tea to garden beds. Students will assemble and take home their very own five-gallon brewer (cost included) at the end of the class. Bring a bag lunch.

Sunday, May 3, 9 a.m.-2 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR3911

Instructor: Nate McCullin, horticulturist

Fee: \$110 (Member) /\$122 (Nonmember)

Limit: 12

Certificate: Elective: HD/Adv.HD

CEU: 4 AOLCP, ½ MCH

GARDENING FOR POLLINATORS

Native pollinators are essential to native landscapes and to food production. Learn how to identify, attract, and support birds, bees, and other pollinating insects in your own landscape. We’ll begin indoors and then head outside to observe bees at work on the Farm.

Wednesday, May 6, 6-8:30 p.m.

Nasami Farm Nursery, Whatley, MA

Program Code: HOR4259

Instructor: Tom Sullivan, pollinator-habitat landscape designer and educator

Fee: \$26 (Member) /\$32 (Nonmember)

Limit: 26

Certificate: Elective: HD/Adv.HD

CEU: 2 AOLCP; 1/2 MCLP

DESIGNED WITH NATIVES

Come with us as we explore three designed landscapes in Lexington, MA, that were created almost entirely with native plants. We’ll visit a garden at Lexington High School, winner of the Society’s Homer Lucas Public Landscape Award; a semiprivate slope meant to be viewed from inside a building; and the instructor’s home garden. Refreshments will be served following the tour.

Saturday, May 16, 1-4 p.m.

Lexington, MA

Program Code: HDT2023

Instructor: Karen Longeteig, landscape designer

Fee: \$28 (Member) /\$35 (Nonmember)

Limit: 20

Certificate: Field: HD/Adv.HD

CEU: 1 MCLP



horticulture + gardening

ECO-GARDENING

Learn eco-friendly gardening techniques that will help your garden to thrive. Join us on a tour of the gardens of Wolbach Farm, a beautiful 54-acre greenspace along the Sudbury River. We'll see rain, butterfly, and bird gardens and discuss the use of rain barrels and composting as well as ways to incorporate native plants into your own property.

Tuesday, May 19, 6-7:30 p.m.

Wolbach Farm, Sudbury, MA

Program Code: HDT1049

Instructor: Alicia Coleman, Regional Conservation Coordinator, Sudbury Valley Trustees, and Mark Richardson, Horticulture Director, New England Wild Flower Society

Fee: \$12 (Member) /\$20 (Nonmember)

Limit: 16

Certificate: Field: HD/Adv.HD

Cosponsor: Sudbury Valley Trustees

To Register: visit

www.sudburyvalleytrustees.org/events-calendar/eco-gardening

GROW YOUR OWN MEADOW

Interested in establishing a meadow or caring for an existing one? Join Kathy Connolly to discuss what a meadow is, the role of native species in a meadow, meadow ecology basics, and steps you can take right now to get started. After the lecture, you can purchase books and native seedlings grown especially for this event by the Society's Nasami Farm Nursery. (cash or check only in CT)

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

Fee: \$26 (Member) /\$32 (Nonmember)

Certificate: Elective: HD/Adv.HD

CEU: 2 AOLCP

Thursday, May 28, 6-8 p.m.

Nasami Farm Nursery, Whately, MA

Program Code: HOR4304

Limit: 20

Saturday, May 30, 1-3 p.m.

Middlefield, CT

Program Code: HOR4303

Limit: 50

Cosponsor: Connecticut Forest & Park Association



horticulture + gardening



MOORE STATE PARK

See flowers cascading down hillsides and decorating waterfalls at this 400-acre retreat. Historically the site of grist and saw mills, Moore State Park became the private estate of Florence Morton, one of the first women in Massachusetts to earn a degree in landscape architecture. Florence planted the property with thousands of azaleas, rhododendrons, and mountain laurel, which will be in bloom during our visit. Wear shoes appropriate for uneven terrain and bring a bag lunch for an optional picnic afterwards.

Sunday, May 31, 10:30 a.m.-12:30 p.m.

Paxton, MA

Program Code: HDT1501

Instructor: Ellen Sousa, landscaper, author, *The Green Garden*

Fee: \$23 (Member) /\$28 (Nonmember)

Limit: 16

Certificate: Field: HD/Adv.HD

CEU: 1 MCLP

SUSTAINABLE SITES TOUR

Visit two notable sustainable landscapes in Rhode Island. The first is Kent Hospital, where an award-winning landscape design transformed the 40-acre campus into a showcase for sustainable design practices; we will see rain gardens and healing gardens. The second site is a small urban lot that was redesigned to reflect Rhode Island native plant communities, demonstrate enhanced storm water management, and promote biodiversity. Bring a bag lunch.

Friday, June 5, 9:30 a.m.-3 p.m.

Rhode Island

Program Code: HDT1048

Instructor: Tom Benjamin, landscape architect and sustainable designer

Fee: \$68 (Member) /\$85 (Nonmember)

Limit: 26

Certificate: Field: HD/Adv.HD

Cosponsor: Ecological Landscape Alliance

CEU: 4 AOLCP; 2 MCLP, ½ MCH

GARDENING FOR POLLINATORS

Pollinators are all the buzz these days, but what are they and why are they so important? In this class, you will learn how essential pollinators are to the reproductive success of the world's flowering plants and take away easy tips for attracting and supporting pollinators to your own garden and yard.

Tuesday, June 9, 10 a.m.-12:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR4258

Instructor: Ellen Sousa, landscaper and author, *The Green Garden*

Fee: \$33 (Member) /\$40 (Nonmember)

Limit: 26

Certificate: Elective: HD/Adv.HD

Cosponsor: Mass Audubon

CEU: 2 AOLCP; 1 MCLP

horticulture + gardening

HERBACEOUS NATIVE PLANTS FOR PROFESSIONALS

Join Dan Jaffe to learn about the best native plant materials available today for use in the design and landscape trades. Covering everything from plants for tough spots to specialty plants for specific habitats, this class will add a host of less familiar native herbaceous species to your plant palette.

Tuesdays, June 16, 23, 30, 10 a.m.-1:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR1200

Instructor: Dan Jaffe, Propagator and Stock Bed Grower, New England Wild Flower Society

Fee: \$162 (Member) /\$190 (Nonmember)

Limit: 16

Certificate: Core: Adv.HD; Elective: HD

Cosponsor: Ecological Landscape Alliance

CEU: 3 AOLCP; 2 MCLP

CONTAINER GARDENING

Tired of plain old petunias in pots? For really stunning, sophisticated container gardens, nothing beats an assortment of native plants adapted to the New England environment. Learn which natives are ideal for containers and how to combine and care for these plants effectively. Bring your own container and native plants or purchase them at a discount from the Garden Shop that day. Class fee includes potting mix.

Friday, June 19, 1-3 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR2950

Instructor: Carrie Waterman, avid container gardener

Fee: \$29 (Member) /\$36 (Nonmember)

Limit: 16

Certificate: Elective: HD/Adv.HD

CEU: 2 AOLCP



NATIVE BEES

The hundreds of bee species native to New England are essential to our natural and cultivated landscapes. Come learn the basics of bee identification, ecology, and conservation and discover how to promote bee diversity in your own garden. This class includes hands-on study, plant lists, and an outdoor field session in the Garden.

Sunday, June 28, 1-4 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR4257

Instructor: Tom Sullivan, pollinator-habitat landscape designer and educator

Fee: \$40 (Member) /\$48 (Nonmember)

Limit: 15

Certificate: Elective: all certificates

CEU: 3 AOLCP; 1/2 MCLP

horticulture + gardening

RAIN GARDEN FUNDAMENTALS

Learn how rain gardens can reduce ground-water pollution in urban landscapes by cleaning, cooling, and slowing storm water. Day one will be spent in the classroom discussing rain garden design, plant selection, and installation. On day two, we'll head into the field to visit and evaluate several established rain gardens in the Boston area.

Tuesday, July 7, Monday, July 13, 10 a.m.-12 p.m.

Garden in the Woods, Framingham, MA, and field sites

Program Code: HOR4073

Instructor: Anna Fialkoff, Horticulturist, New England Wild Flower Society

Fee: \$26 (Member) /\$32 (Nonmember)

Limit: 16

Certificate: Elective: HD/Adv.HD

CEU: 2 AOLCP; 1 MCLP

LANDSCAPE FOR LIFE

This intensive introductory course will provide you with the knowledge, skills, and understanding to create a great-looking garden that is healthier for you, your family, and the environment. This class is based on the principles of the Sustainable Sites Initiative, the nation's first rating system for sustainable landscapes. Bring a bag lunch each day.

Tuesdays, July 14, 21, 28, August 4, 9 a.m.-12 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR3720

Instructor: Mark Richardson, Horticulture Director, New England Wild Flower Society

Fee: \$185 (Member) /\$218 (Nonmember)

Limit: 16

Certificate: Core: Adv.HD; Elective: HD

Cosponsor: Ecological Landscape Alliance

CEU: 3 AOLCP, 1 MCH

NATIVE HERBACEOUS PLANT MATERIALS: LATE SEASON

Discover numerous native perennials suitable for New England gardens. We'll look at native herbaceous plants that bloom in late summer and fall, focusing on how to use them effectively to create beautiful landscapes and gardens. Be prepared to walk in the Garden each day. This class is appropriate for landscape professionals and avid home gardeners. It is a companion to Native Herbaceous Plant Materials: Early Season, but may be taken separately.

Thursday, July 23, Wednesday, August 19, 1-3:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR1050

Instructor: Jessie Panek, landscape designer

Fee: \$77 (Member) /\$91 (Nonmember)

Limit: 16

Certificate: Core: HD; Elective: all certificates

CEU: 2 AOLCP; 2 MCLP

KILL YOUR LAWN

According to NASA scientists, in the United States more surface area is covered by lawn than by any other single irrigated crop. Lawns are resource-heavy, requiring irrigation, fertilizer, and pesticides to thrive in our climate. Learn why you should "kill your lawn" and how to replace it with environmentally friendly native plantings.

Sunday, August 2, 9 a.m.-3 p.m.

Garden in the Woods, Framingham, MA

Program Code: HOR4102

Instructor: Mark Richardson, Horticulture Director, New England Wild Flower Society

Fee: \$82 (Member) /\$98 (Nonmember)

Limit: 30

Certificate: Elective: HD/Adv.HD

Cosponsor: Ecological Landscape Alliance

CEU: 4 AOLCP, ½ MCH

horticulture + gardening



INTRODUCTION TO SEED-SAVING

Saving your own seeds is not just economical; it's important for promoting biodiversity in plants. Learn the basics of harvesting, processing, and storing native seeds, then head into the field to harvest seeds and practice processing them. You can take home the seeds you clean, plant them, and start the process all over again! Dress appropriately and bring a bag lunch.

Sunday, August 23, 10 a.m.-2 p.m.

Nasary Farm Nursery, Whatley, MA

Program Code: HOR3205

Instructor: Kate Stafford, Propagator and Operations Manager, New England Wild Flower Society

Fee: \$53 (Member) /\$64 (Nonmember)

Limit: 16

Certificate: Elective: all certificates

CEU: 4 AOLCP, ½ MCH

NATIVE WOODY PLANT MATERIALS

Come explore the huge variety of native trees, shrubs, and woody vines. Learn which species grow well in shade, which support local wildlife, and how you should stagger your plantings for continuous bloom, fruit

production, and fall color. We'll discuss growth characteristics, cultural requirements, and best horticultural uses. The course will include lectures and walks in the Garden as well as a field trip to The Arnold Arboretum. Bring a bag lunch each day.

Monday, September 21, 10 a.m.-2:30 p.m.;

Wednesday, September 23, 11 a.m.-1 p.m.;

Saturday, September 26, 10 a.m.-2:30 p.m.

Garden in the Woods, Framingham, MA and
The Arnold Arboretum, Jamaica Plain, MA

Program Code: HOR1100

Instructor: Dan Jaffe, Propagator and Stock Bed Grower, New England Wild Flower Society

Fee: \$170 (Member) /\$200 (Nonmember)

Limit: 16

Certificate: Core: HD; Elective: Adv.HD

CEU: 4 AOLCP; 2 MCLP, ½ MCH

SUSTAINABLE SITE DESIGN BASICS

Delve into the fundamentals of sustainable landscape design, focusing on integrating existing and new buildings sustainably into a landscape. You will investigate sustainable design strategies addressing the ecological, water, energy, and food system links between buildings and their supporting sites. The LEED (Leadership in Energy and Environmental Design) rating system and forthcoming SITES (Sustainable Sites Initiative) system will be used.

Thursday, October 1, 9:30 a.m.-4:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: PDW4300

Instructor: Tom Benjamin, landscape architect and sustainable designer

Fee: \$108 (Member) /\$127 (Nonmember)

Limit: 26

Certificate: PDW: Adv.HD; Elective: HD

Cosponsor: Ecological Landscape Alliance

CEU: 4 AOLCP; 2 MCLP, ½ MCH

art in nature

Artists in the Garden

Exclusively for artists. This unique opportunity gives artists access to the Garden between 7 a.m. and 9 a.m., before it opens to the public and when the light is especially beautiful. This is your chance to photograph, paint, draw, and sketch beautiful landscapes, native wildflowers, pollinators, and more. Preregistration is required for each day.

Selected Fridays, April 24, May 1, May 15, May 22, May 29, June 5, June 12, June 19, June 26, 7-9 a.m.

Garden in the Woods, Framingham, MA

Fee: \$13 (Member) /\$16 (Nonmember)

Limit: 15



WATERCOLOR IN THE GARDEN

Do you feel inspired when you visit the Garden or when you see plants in the field? This course will allow you to capture those experiences. Whether you're interested in painting portraits, impressions, or landscapes, watercolor offers a unique way to express yourself. We'll begin indoors with short exercises and then, weather permitting, move to the Garden to paint. Under the guidance of this talented teacher, beginners will master the basics and experienced students will advance their skills.

Thursdays, June 4, 11, Monday, June 15, Thursdays June 25, July 2, 9, 16, 23, 10 a.m.-12:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: ART6000

Instructor: Carol Govan, artist and naturalist

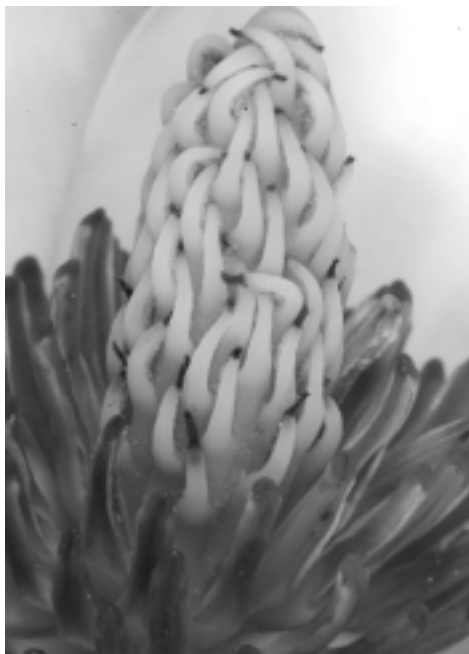
Fee: \$240 (Member) /\$260 (Nonmember)

Limit: 12

Cosponsor: Mass Audubon



art in nature



PLANT MACROPHOTOGRAPHY

Macrophotography opens the door to a wonderful new world of photographic opportunities. Seen in close-up, the natural world is a marvel of pattern, light, and color: Flowers become abstract works of art; stones become polished gems; and butterflies and other insects can become sci-fi monsters. With instructor Steve McGrath as your guide, you will learn how to use your existing camera gear to take spectacular photographs. Bring a camera.

Saturday, June 13, 9:30 a.m.-12:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: ART6039

Instructor: Steve McGrath, nature photographer

Fee: \$40 (Member) /\$50 (Nonmember)

Limit: 18

Cosponsor: Upper Classes at Framed in Time

LANDSCAPE PHOTOGRAPHY

During this intermediate workshop, Steve McGrath will explain the many camera settings you can use for landscape photography. Learn how to take advantage of natural light, find the best composition, understand focal-length lenses, and use depth of field and filters. We'll begin indoors and then head outside to photograph the Garden. At the end of the day we'll head back indoors to critique our work. Bring a film or digital camera and a tripod if you have one.

Saturday, June 27, 9:30 a.m.-12:30 p.m.

Garden in the Woods, Framingham, MA

Program Code: ART6067

Instructor: Steve McGrath, nature photographer

Fee: \$40 (Member) /\$50 (Nonmember)

Limit: 19

Cosponsor: Upper Classes at Framed in Time

PAPERMAKING WITH PLANTS

Learn how to make beautiful hand-made paper from invasive plants such as garlic mustard and Japanese knotweed by preparing, cooking, and beating plant fibers. You will practice the basics of papermaking while supporting local biodiversity and native plants. Take home what you make! Bring a bag lunch, sunscreen, and bug spray as we will be working in a covered outdoor area.

Sunday, August 16, 10 a.m.-4 p.m.

Garden in the Woods, Framingham, MA

Program Code: ART2304

Instructor: Louise Barteau, eco-artist and papermaker

Fee: \$66 (Member) /\$80 (Nonmember)

Limit: 12

children + families

All programs take place at Garden in the Woods, Framingham, MA, and are for children with adult companions. Preregistration and payment is required for each adult and child. Join us!

VERNAL POOLS ARE COOL

Join us as we explore vernal pools. These mysterious springtime pools often come and go without much notice, but they are an important habitat for many creatures. Come learn why vernal pools are so special and why some animals' lives depend on them. We'll venture out into the woods to examine a vernal pool firsthand, and then use microscopes to observe some of its smallest residents, like fairy shrimp, which live their entire lives in about one week.

Sunday, April 26, 1:30-3:30 p.m.

Program Code: FAM3603

Instructor: Tracy Phipps, teacher and naturalist

Fee: \$12 (Member) /\$14 (Nonmember)

Limit: 20

MEET THE WILDFLOWERS

Join us as we explore the wonderful world of wildflowers, which are often the first sign of spring. Learn how these unassuming flowers use color, scent, and pattern to help them make seeds. We will examine flowers in the Garden, learn about their parts, and design our own flower craft to take home.

Sunday, May 31, 1:30-3:30 p.m.

Program Code: FAM6549

Instructor: Tracy Phipps, teacher and naturalist

Fee: \$12 (Member) /\$14 (Nonmember)

Limit: 20



children + families

THE BEST NEST

Many kinds of birds, from hummingbirds and woodpeckers to great horned owls make their homes in the Garden. Put your eyes and ears to the test as we walk the trails in search of these fascinating creatures and learn how they have adapted to the world around them. We'll discuss bird beaks, examine nests, practice some common bird calls, and try out our nest-building skills.

Sunday, June 14, 1:30-3:30 p.m.

Program Code: FAM4000

Instructor: Tracy Phipps, teacher and naturalist

Fee: \$12 (Member) /\$14 (Nonmember)

Limit: 20

SUMMER SOLSTICE CELEBRATION

The summer solstice marks the longest day (and shortest night) of the year, when the mid-day sun reaches its highest point in the sky. We'll celebrate the day with solstice history and lore, poetry, songs, and a short ceremony. Weather permitting, we'll go outside to watch the sunset and gather for the ceremonial lighting of the Ball of Fire in the center of the Idea Garden. For people of all ages!

Saturday, June 20, 7-9 p.m.

Program Code: FAM6502

Instructor: Roland "Boot" Boutwell, naturalist

Fee: \$12 (Member) /\$14 (Nonmember)

Limit: 30

Cosponsor: Mass Audubon



INSECT INVESTIGATION

Come along with three insect and plant enthusiasts as we explore the Garden looking for creepy-crawlies! Plants are not just fascinating and beautiful—they also provide important habitat and food for an amazing array of insects like ants, bugs, beetles, dragonflies, and butterflies. We'll enjoy hands-on activities that celebrate insects.

Sunday, July 19, 1-3 p.m.

Program Code: FAM3231

Instructors: Dr. Elizabeth Farnsworth, Senior Research Ecologist, New England Wild Flower Society, and Bugologists Dawn Dentzer and Deborah Fountain

Fee: \$12 (Member) /\$14 (Nonmember)

Limit: 20

become a member

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:

- 20% discount on educational programs throughout New England
- Priority program registration
- Annual subscription to Society publications
- Monthly member e-newsletter
- Discounts at a wide range of regional and mail-order nurseries through our Nursery Partner Program and our Garden Shops
- Borrowing privileges at our 4,500-volume botanical library (*Individual with Garden Access level and up*)
- Invitations to special, members-only events (*Individual with Garden Access level and up*).

Membership levels

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

For a full description of member benefits, please visit www.newenglandwild.org/membership or call 508-877-7630 x3104.

registration policies

Advance registration is required for all fee-based programs and is accepted on a first-come, first-served basis upon full payment. Before your class, you will receive program locations and any recommended reading and supplies. Early registration is encouraged; programs with insufficient registration may be cancelled three to five business days before the scheduled start date. If your requested program is filled, you will be put on a waiting list and your credit card will not be charged or your check will be returned. If space in the program becomes available, you will be contacted according to your position on the waiting list.

SOCIETY CANCELLATIONS, CHANGES, AND INCLEMENT WEATHER

The Society reserves the right to cancel programs, change times or locations, and substitute instructors. If a program is cancelled by the Society, you will receive

a full refund. In the event of any program change, you will be notified as soon as possible. Programs run rain or shine. However, in the event of extremely inclement weather, the Public Programs Department or instructor will make every effort to inform you by telephone or email of any change in plans.

CANCELLATIONS AND REFUNDS

No refunds or transfers can be given for withdrawals within a week of the program start date, for programs already in progress, or for class sessions you have not attended.

EQUAL ACCESS

If you need assistance or special accommodations, call 508-877-7630, ext. 3303, at the time you register or as soon as possible thereafter.

how to register

REGISTER ONLINE

Visit www.newenglandwild.org/programs.
We accept Visa or MasterCard.

REGISTER BY PHONE

Call 508-877-7630, ext. 3303.
We accept Visa or MasterCard.

REGISTER BY MAIL

Complete the registration form below and mail it with your payment to: Public Programs, New England Wild Flower Society, 180 Hemenway Road, Framingham, MA 01701. Use a separate copy of the form for each registrant. Make checks payable to New England Wild Flower Society. Please do not mail cash.

Name of person filling out form:

Participant's name (if different): Age (if under 18):

Address:

City, State, ZIP:

Email:

Phone: Day Evening

Course code	Course name	Start date	Fee

- Yes, I'm a member of New England Wild Flower Society member #
- I am a current member of (cosponsor organization)
- I want to join the Society. Please indicate membership-level fee here
- I would like to enroll in a Certificate Program \$30 (This is a one-time fee.)
- I would like to make a gift to the Annual Fund

PAYMENT

Total: \$

- Check enclosed (payable to New England Wild Flower Society)
- Credit card #
- Visa MasterCard Exp. date CVC code
- Name on card
- Billing address (if different from above)
- Signature

I have read and accept the Cancellation and Refund Policy Yes No

New England Wild Flower Society
is sponsoring a trip to

Alaska

Wildflowers, Wildlife,
& Spectacular Landscapes

June 24-July 5, 2015

With more than 1,500 plant species, Alaska offers a profusion of native flora from sea level to just below the snow line. Join the Society's John Burns to explore the wonderful wildflowers, wildlife, and spectacular landscapes of Alaska.

Details at
www.newenglandwild.org/learn/alaska



NEW ENGLAND WILD FLOWER SOCIETY

HEADQUARTERS & GARDEN IN THE WOODS

180 Hemenway Road

Framingham, Massachusetts 01701-2699

ADDRESS SERVICE REQUESTED