Hands-on Classes & Workshops

<table>
<thead>
<tr>
<th>Class</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Grafting Woody Plants</td>
<td>Saturday, March 16</td>
<td>9:00am–12:30pm</td>
<td>DGH</td>
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<tr>
<td>Pruning Project: Hydrangeas</td>
<td>Saturday, March 23</td>
<td>10:00am–Noon</td>
<td>HB</td>
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<tr>
<td>Photographing the Landscape</td>
<td>8 Saturday, March 28, April 4, 11, 18, 25, May 2, 9, 16</td>
<td>6:30-8:30pm</td>
<td>[HB]</td>
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<tr>
<td>Basic Identification of Evergreens</td>
<td>Saturday, April 13</td>
<td>9:30–11:30am</td>
<td>Weld Hill</td>
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<tr>
<td>Get to Know Your Chainsaw</td>
<td>Saturday, April 27</td>
<td>9:00–1:00pm</td>
<td>DG</td>
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<tr>
<td>Smartphone Photography: Spring Close-Ups</td>
<td>3 Wednesday, May 15, 19, June 12, 1:30–3:30pm</td>
<td>[HB]</td>
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<tr>
<td>Growing Plants from Softwood Cuttings</td>
<td>Wednesday, June 12</td>
<td>5:30–7:30pm</td>
<td>DG</td>
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<tr>
<td>Deciduous Tree Identification</td>
<td>Thursday, June 20</td>
<td>6:00–8:00pm</td>
<td>HB</td>
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<tr>
<td>The Substance of Soil</td>
<td>Wednesday, July 10</td>
<td>6:00–8:00pm</td>
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</tbody>
</table>

Full details at my.arboretum.harvard.edu

ABBREVIATIONS KEY

[DG] Dana Greenhouses
[HUH] Harvard University Herbaria, Cambridge
[HB] Hunnewell Building
[WH] Weld Hill Research Building

CONTACT

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Learn at the Arnold Arboretum

Featured Programs

MARCH

Cultivating Legacies: New England Women in Horticulture and Landscape Design
Saturday, March 9, 9:30am–1:00pm [HB]

Women are often overlooked when we discuss individuals who had great impact on botany and landscape design of the twentieth century. This seminar highlights a number of women and their roles in creating and protecting New England landscapes, how the Arnold Arboretum contributed to these endeavors, and how we can continue to raise the visibility of these special places. Program includes an associated exhibition in the Arnold Arboretum’s historic Library Reading Room and light refreshments.

Fee $50
Cosponsored by the Trustees of Reservations, the Mary M. B. Wakefield Charitable Trust, and the Arnold Arboretum

Giving Voice to Nature: Director’s Lecture Series Simulcast
Monday, March 25, 7:00–8:15pm; live lecture is FULL; register for a SIMULCAST that will be viewed at the Hunnewell Building, 125 Arborway, Boston

For this talk in our annual Director’s Lecture Series, Richard Powers, Robin Wall Kimmerer, and Arboretum Director William “Ned” Friedman will join voices in this guided conversation about trees. Melding readings with discussion; drawing on mystery, lore, and science; they will convey the challenges and rewards of trying to represent non-humans—speaking both for and as the trees. Don’t miss this animated and enriching convergence of arboreal thinkers.

Free, member-only event. Registration is required
The American Chestnut: When Will It Flourish Again?

Saturday, March 30, 9:00am–12:30pm [WH]

David Foster, Director of Harvard Forest; Sara Fitzsimmons, Director of Restoration at The American Chestnut Foundation; William Powell, Professor and Director of the Council on Biotechnology and Forestry at State University of New York College of Environmental Science and Forestry; and Jared Westbrook, Director of Science at the American Chestnut Foundation

Will the American chestnut (*Castanea dentata*) be the first tree ever restored to its native forest after a century of devastation by an airborne blight? Join us for a thought-provoking gathering as experts share perspectives on the history of American chestnut, its significance as a forest species, and subsequent decimation by an invasive blight pathogen, *Cryphonectria parasitica*. Ongoing research in blight tolerance and the addition of blight-tolerant genes are the prognosis for this tree’s future.

Fee $20 (free for students)
Trees are one of humanity’s most constant and varied companions. In Around the World in 80 Trees, Jonathan Drori uses plant science to illuminate how trees play a role in every part of human life, from the romantic to the regrettable, to the downright ridiculous. Stops on the trip include the lime trees of Berlin’s Unter den Linden boulevard, which intoxicate amorous Germans and hungry bees alike; the swankiest streets in nineteenth-century London, which were paved with Australian jarrah wood; and the Japanese lacquer tree, whose sap has been used for some of the world’s most beautiful man-made objects. Jonathan Drori will share some of these strange and true tales taking us on a stunning journey through the world of trees.

Fee free member, $5 nonmember

How Birds Work: Eggs
Tuesday, May 14, 7:00–8:15pm [HB]
Lorna Gibson, Professor of Materials Science and Engineering, Massachusetts Institute of Technology

How does an egg become an egg? Why do chickens continue to lay eggs day after day? What controls the shape of eggs? Why do eggs of different species of birds have different colors? And how strong are eggshells? In this talk which follows previous talks about bird flight, migration, and feathers, Lorna Gibson answers common questions about bird eggs.

Fee free, but registration requested

Ethnobotany at Harvard
Wednesday, May 22, 12:00–2:00pm [HUH]
John de la Para, PhD, Associate, Harvard University Herbaria

Historically, plants have provided humans with most of our drugs, fibers, food, dyes, perfumes, building materials, and even musical instruments. But how has this diverse and fascinating field been studied and what has been learned? In fact, for over 100 years, Harvard has played a pivotal role in the study of human-plant interactions, leading to the creation
of the field of ethnobotany. In this interactive lecture, we will explore the science and history of some of the most important Harvard botanists and explorers through specimens housed in the Harvard University Herbarium.

Fee $20 member, $30 nonmember

Plants Go to War: A Botanical History of World War II
Thursday, May 30, 6:30–8:00pm [HB]
Judith Sumner, PhD, Author and Botanist

As the first botanical history of World War II, Plants Go to War examines military history from the perspective of plant science. From victory gardens to drugs, timber, rubber, and fibers, plants supplied materials with key roles in the Allies’ victory. Author and botanist Judith Sumner will speak of the many plants that were incorporated into wartime safety materials, diet and rations, and even bombers.

Fee free, but registration requested

JUNE

Landscape Compost Compendium
Thursday, June 6, 6:00–8:00pm [HB]
Conor Guidarelli, Horticulturist, Arnold Arboretum

Conor Guidarelli manages organic materials recycling at the Arboretum and has worked to improve the production and quality of the compost used throughout our landscape. He will discuss the components of compost and the nutrients that can be returned to a site when compost is applied. He will explain the mix of brown to green materials, moisture, and aeration. Participants will start in the classroom and then travel to the Arboretum’s materials yard to see compost in various stages of development.

Fee $20 member, $30 nonmember

The Art of Botanical Prose
Tuesday, June 25, 7:00–8:15pm [HB]
Jonathan Damery, Associate Editor of Arnoldia

All writers must contend with translation. A poet translates the movement of a dancing figure into a brief couplet, and an essayist translates the noise and commotion of the city where she lives into a single paragraph. The three-dimensional world filters into text, and when done especially well—the realm of literature and art—readers often forget that translation has even occurred. Take a readerly tour through horticultural and botanical reference books and see the artistic endeavor within even the most exhaustive of botanical descriptions.

Fee $5 member, $10 nonmember

JULY

Gardening for Butterflies and Moths
Tuesday, July 16, 5:30–8:00 PM [HB]
Colin McCallum-Cook, Horticultural Technologist, Arnold Arboretum

Learn how to attract moths and butterflies to your garden and cater to their unique lifecycle requirements. Lepidopteran conservation in New England is more important than ever, as many formerly common species are now threatened with extirpation. Colin McCallum-Cook will also show you how to use citizen science applications to monitor species in your garden and contribute valuable data to the cause of lepidopteran conservation.

Fee $25 member, $32 nonmember

In the Groves: A Summer Solstice Journey
Two Sessions (select one): Friday, June 21, or Saturday, June 22, 6:30–8:30pm [HB]
Diane Edgecomb, Storyteller, and Margot Chamberlain, Celtic Harpist

Join us for an enchanting evening of tree myths, songs, and summer solstice legends. Diane and Margot spin tales of the human connection with trees in a performance that travels through the Arboretum. Each story is told under a different tree or among a unique collection of Arboretum plants, culminating with the haunting Czech legend “The Wild Woman of the Birch Grove” told amid the birches at sunset. Appropriate for adults and for children twelve years and above.

Fee $20 per person through June 15; $25 after June 15