

Learn at the Arboretum

Hands-on Classes & Workshops

Introduction to Botany

8 Tuesdays: September 19–November 14, 6:30–8:30pm
[Harvard University Herbarium]

Chainsaw Use and Safety

Saturday, September 23, 9:00am–3:00pm [HB Garage]

Nature Photography Workshop

Saturday, October 28, 9:00am–12:30pm [HB]
(Rain Date: 10/29)

Growing Woody Plants from Hardwood Cuttings

Saturday, December 2, 9:00am–12:30pm [DG]

Spring Bulb Forcing

Saturday, January 13, 1:00–3:00pm [DG]

Pruning in Winter

Saturday, January 27, 9:00am–noon [HB]

Garden Design Workshop for Home Gardeners

5 Wednesdays: February 7–March 14, 6:30–8:30pm [HB]

Grafting Woody Plants

Saturday, February 24, 9:00am–12:30pm [DG]

Pruning Shrubs

Saturday, March 3, 10:00am–12:00pm [HB]

Full details at my.arboretum.harvard.edu

ABBREVIATIONS KEY

[HB] Hunnewell Building [DG] Dana Greenhouses

CONTACT

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SEPTEMBER

Plant Combinations for Beneficial Home Landscapes

Wednesday, September 27, 4:00–6:00pm [HB]
Jen Kettell, Horticultural Educator and Certified Arborist

Is your garden and yard as beautiful and beneficial as possible? Are you interested in adding some pizzazz for pollinators as well as for yourself? If so, then join this creative walk through the Leventritt Shrub and Vine garden with horticulturist Jen Kettell to consider different combinations of plants that will provide forage for bees, snacks for wildlife and humans, nesting habitat, and seasonal allure.

Fee: \$25 member; \$30 nonmember

OCTOBER

Natural Defense: Enlisting Bugs and Germs to Protect Our Food and Health

Wednesday, October 4, 7:00–8:15 pm [HB]
Emily Monosson, PhD, Environmental Toxicologist & Writer

We rarely consider human and agricultural health together, but both are based on the same ecology, and both are being threatened by organisms that have evolved to resist our antibiotics and pesticides. Fortunately, scientists are finding new solutions that work with, rather than against, nature. Emily Monosson will speak about some of science's most innovative strategies and the growing understanding of how to employ ecology for our own protection.

Fee: Free member/student; \$5 nonmember

George Bucknam Dorr: Creator of Acadia National Park

Sunday, October 8, 2:00–3:30pm [HB]
Ronald H. Epp, Historian

George Bucknam Dorr was known as the “Father of Acadia,” and the roots of his land conservation achievements are deeply embedded on the Jamaica Pond shoreline where he was born in 1853. Throughout Dorr's life, Jamaica Plain notables kept him tethered to the place where he spent the

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first decade of his life. Ronald Epp, author of *Creating Acadia National Park: The Biography of George Bucknam Dorr*, a researcher of conservation philanthropy, will discuss Dorr's early life and influences that led him to Acadia.

Fee: Free, registration requested

Offered with the *Jamaica Plain Historical Society*

This Ever New Self: Thoreau and His Journal

Wednesday, October 11, 7:00–8:30 pm [HB]

David F. Wood, Curator, Concord Museum, Concord, Massachusetts

Henry David Thoreau kept one of the most faithful, thoughtful, and provocative journals in American history. An essential tool for mindful living, his journal was also grist for one of the world's most influential books—*Walden, or Life in the Woods*. David Wood, curator of *This Ever New Self: Thoreau and his Journal*, will discuss how the first major exhibition devoted to the life of one of America's most influential citizens will bring contemporary audiences face to face with a man whose ideas continue to impact our modern world.

This Ever New Self, a joint exhibition with The Morgan Library and Museum in New York, will be on view at the Concord Museum from September 29, 2017 through January 21, 2018.

Fee: Free, registration requested

Offered with *JP Reads*

On the Wing: Part 2

Wednesday, October 18, 6:30–7:30pm [HB]

Lorna Gibson, PhD, Matoula S. Salapatas Professor of Materials Science and Engineering, Massachusetts Institute of Technology

What do you get from a bird-lover who is a materials engineer? A close look at feathers. In this second installment of *On the Wing*, Lorna Gibson discusses how down keeps a bird warm, how the structure of the feather shaft reduces its weight, and how adaptations of flight feathers produce or suppress sound.

Fee: Free, registration requested

Be as a Tree Planted by the Waters **THE MAGIC OF ROOTS, LEAVES, AND EVERYTHING IN BETWEEN**

Monday, October 23, 7:00–8:30pm [HB]

Hope Jahren, PhD
*Center for Earth Evolution and
Dynamics, University of Oslo*

Trees are the oldest, biggest, and most successful creatures in the world. Using energy from the sun and carbon from the air, they have thrived on land for more than four hundred million years. Hear about the amazing and unique methods that plants around us use to establish, grow, flourish, and defend themselves. Learn how plants are much more than food, medicine, and wood—they form the living, striving foundation of Earth. Hope Jahren is the author of *Lab Girl*, her revelatory treatise on plant life and a celebration of the lifelong curiosity, humility, and passion that drive every scientist.

Fee: Free member; \$20 nonmember

Member-only registration through October 15;
open registration thereafter. Space is limited.

Director's Lecture Series **WINTER/SPRING 2018**

Four renowned speakers discuss today's most pressing conversations—from Earth's biodiversity and evolutionary history, to conservation biology, to key social issues associated with current science.

See inside front cover for details.

Open to Arboretum members only. See page 17 for information on joining and benefits.

NOVEMBER

Tooning in to Conservation

Thursday, November 2, 7:00–8:30pm [HB]

Rosemary Mosco, *Science Communicator and Naturalist*

Science and conservation are serious endeavors. But sometimes you just need a laugh. Rosemary Mosco, a nature cartoonist and science communicator with a keen wit, will share some of her science-based comics, sure to make you guffaw. She'll talk about how you can use art and writing to support conservation and speak about her process of developing a cartoon, from concept through research and wordsmithing, to sketch-up and final design.

Fee: Free member/student; \$10 nonmember

The Boatman: Thoreau on the Water

Friday, November 17, 7:00–8:30pm [HB]

Robert Thorson, *PhD, Professor of Geology, University of Connecticut, and Columnist, Hartford Courant*

As a backyard naturalist and river enthusiast, Henry David Thoreau was keenly aware of the ways humans had altered the waterways and meadows of his beloved Concord River Valley. In *The Boatman*, Robert Thorson shares a compelling story of intellectual growth and scientific understanding, as Thoreau moved from anger, to lament, to acceptance of the way humans had changed the river he cherished more than Walden Pond.

Fee: Free, registration required. Offered with JP Reads

DECEMBER

Of Monarchs and Milkweed: A Story of Coevolution, Cultural History & Conservation

Monday, December 4, 7:00–8:30pm [HB]

Anurag Agrawal, *PhD, Department of Ecology and Evolutionary Biology, Cornell University*

What if your host truly didn't want you to visit? You'd expect to be kicked out, but that isn't the case with



The Ant and the Grasshopper by Rosemary Mosco

monarch butterflies and their host, the common milkweed. Evolutionary biologist Anurag Agrawal from Cornell University will speak about the history of monarchs and milkweed, milkweed toxins' cultural significance, and the current predicament of monarch species in decline. Dr. Agrawal is an award-winning scientist and educator who has delved deeply into the coevolution of plants and animals. His book, *Monarchs and Milkweed*, will be available for purchase and signing.

Fee: Free member/student; \$10 nonmember

JANUARY

Landscape for Life

4 Thursdays: January 11–February 1, 1:00–4:00pm [HB]

Mark Richardson, *Botanic Garden Director, New England Wild Flower Society*

This intensive course will provide you with the knowledge, skills, and understanding to create a great-looking garden that is healthier for you and the environment. This comprehensive curriculum is based on the principles of the Sustainable Sites Initiative, the nation's first rating system for sustainable landscapes.

Fee: \$185 member; \$218 nonmember

Offered with the New England Wildflower Society

FEBRUARY

Bark: A Multi-Sensory Experience of Trees

Saturday, February 10, 9:00am–1:00pm [HB]

Michael Wojtech, Naturalist, Author, and Educator

Join Michael Wojtech and explore the wonderful variety of bark textures, shapes, and colors, which are visible no matter the season. Learn how to identify tree species by their bark, uncover why such a variety of bark characteristics exists, and deepen your intimacy with trees. Class will begin indoors and then move out to explore the trees of the Arnold Arboretum.

Fee: \$60 member, \$75 nonmember

MARCH

Arboretum Wespelaar: A Contemporary Arboretum

Monday, March 5, 7:00–8:30pm [HB]

Philippe de Spoelberch, Dendrologist and Plantsman

See details, *right*

No Sex? No Problem! Asexual Propagation of Plants

Monday, March 12, 7:00–8:00pm [HB]

Sean Halloran, Plant Propagator, Arnold Arboretum

Many plants, unlike humans, can reproduce asexually. Some do so easily, while others need assistance or special circumstances. Sean Halloran will speak about the biology and physiology of asexual reproduction in plants and the techniques used to produce plants of various genera.

Fee: \$10 member; \$15 nonmember

Lecture & Workshop with Robin Wall Kimmerer

March 23 & 24 (details to come)
Robin Wall Kimmerer, Distinguished Teaching Professor of Environmental Biology; Founder & Director of Center for Native Peoples and the Environment, State University of New York



Drawing on her life as an indigenous scientist, a mother, and a woman, Robin Wall Kimmerer shows how other living

Arboretum Wespelaar | A CONTEMPORARY ARBORETUM

Philippe de Spoelberch Dendrologist & Plantsman

MONDAY, MARCH 5, 7:00–8:30PM [HB]

Thirty-one years after Philippe de Spoelberch started a plant collection at Herkenrode Castle in Belgium, his efforts blossomed into Arboretum Wespelaar, an extraordinary resource for the public. Comprising more than 15,000 woody plants, the Wespelaar Arboretum's mission is similar to that of the Arnold Arboretum: to contribute to the study of woody plants from temperate climates and to conserve rare and endangered species. On this special evening, Philippe will speak about the decades-long creation of this magnificent living collection, describe his own development as a plantsman, and share images of the prized collections.

Fee: Free, but registration requested

beings offer us gifts and lessons, even if we've forgotten how to hear their voices. She circles toward a central argument: that the awakening of a wider ecological consciousness requires the acknowledgment and celebration of our reciprocal relationship with the rest of the living world. Kimmerer is the author of *Braiding Sweetgrass* and *Gathering Moss*.

APRIL

Ecology of Spring

Saturday, April 7, 11:00am–1:00pm [HB]

Bryan Connolly, PhD, Department of Biology, Framingham State University

As soils, air, and water temperatures warm, wondrous developments take place in the landscape. In this season of mud, life previously dormant emerges, hatches, expands. Biologist Bryan Connolly will speak about natural developments and interconnections taking place at this time of year in New England and then will lead a walk of discovery through various environments found at the Arnold Arboretum.

Fee: \$10 member, \$20 nonmember