



2014 Eagle Hill Fall Weekend Workshops . . .
. . . on the coast of eastern Maine

JOYS, ADVENTURES, AND MYSTERIES OF WINTER BOTANY

December 12–14, 2014

Summer is but a fond memory; however, for those who are curious about plants and natural history, a new season of botanizing begins with the arrival of frost and ever-shortening days. This winter botany workshop will be accessible to anyone with curiosity about the natural world, and plants, in particular, from the novice to the experienced field botanist. Flowers and leaves may be gone, but many clues remain that characterize various species: fruits, buds, scars and general habit. We will begin by making sure that we can all speak the language needed for the study of winter botany: botanical terms, life history patterns, and basic ecology. Then, we will explore habitats on the Eagle Hill campus and nearby sites to learn and practice techniques helpful to identify woody plants, herbaceous plants, and even some mosses and lichens. Who knows? We may even see a few fungi. In addition to identification we will discuss some adaptations that enable organisms to survive cold, windy northern winters.



about the instructor

Jill Weber (jillw@eaglehill.us) a consulting botanist and ecologist. She has assisted the Nature Conservancy, the Maine Department of Conservation, Maine Coast Heritage Trust, Acadia National Park and numerous land trusts with diverse botanical and ecological projects. She is coauthor of *The Plants of Acadia National Park*, a guide to the vascular flora of the region, and *Sedges of Maine: A Field Guide to the Cyperaceae*. She recently assisted with the development of the plant identification website Go Botany and the Smithsonian Institution's Go Orchid. She now works at the Eagle Hill Institute as a production editor for the journals *Northeastern*, *Southeastern*, *Urban*, and *Caribbean Naturalists*.

For more information about the 2014 Eagle Hill Fall Weekend Workshops and to register, visit <http://eaglehill.us/fall-workshops> or contact Marilyn at: marilyn@eaglehill.us / 207-546-2821 ext 1.

Joys, Adventures, and Mysteries of Winter Botany

12-14 December 2014

Class limit - 16 students

Daily meeting times: Saturday from 8:30AM to 12:30PM (lunch is at 12:30PM), and 1:30 to 5:30PM (dinner is at 6:00PM). Saturday evening lab-work is optional, though most participants might like to spend some time in the classroom after dinner working on their collections. We will follow the same schedule on Sunday, except the afternoon class will meet from 1:30 to 4:30PM, after which students will bid each other farewell and depart Eagle Hill. Activities during the weekend generally combine intensive field studies and follow-up work in the lab accompanied by lectures, discussions, and individual help by the instructor. Carpooling in student vehicles will be necessary for field excursions where vehicle use is required.

Tentative Schedule for the Weekend.

Friday, Dec 12

Afternoon to early evening arrival

Dinner at 6:00PM

Evening orientation – Introductions; participants' interests, experience, and expectations for the workshop.

Saturday, Dec 13

Morning–Lab Work: we'll meet in the lab to go over basics and use previously collected specimens to practice ID skills somewhere that is warm and dry. Field Trip (Eagle Hill & vicinity): Examine the flora and begin practicing winter plant ID in the field.

Afternoon: Field Trip: Petit Manan Point, Maine Coastal Islands Wildlife Refuge: After spending the morning in forested habitats, we will explore open fields and wetlands.

Evening – Lab: Process and identify any specimens you have collected.

Sunday, Dec 14

Morning: Field trip to the Spring River Lake area to find plants that occur in and around hardwood forests.

Afternoon: Continue keying and processing collections. Review field notes, answer questions, share favorite specimens. Wrap-up and prepare for late afternoon departure.

What to Bring:

Items to purchase in advance and bring with you, if you do not already have them:

Bausch & Lomb 10X Hastings Triplet hand lens, or equivalent. Available from Kooter's Geology Tools (<http://www.kooters.com>), or, to order by phone, call 1 (888) 383-5219.

Other supplies and equipment to bring: a stack of small paper bags (lunch bags) and small envelopes (coin envelopes are good). Ultra-fine point "Sharpie" permanent marking pen, warm clothes, umbrella, hiking boots, daypack, water bottle, notebook, double-sided tape and pencils. Many people prefer to carry a basket when collecting specimens in the winter because they tend to be brittle and get destroyed when stuffed in a backpack. A laptop computer might be helpful if you have one.