

WETLAND FIELD BOTANY

Course Instructor: John J. Mack
Course location: Hiram College, Ohio and nearby sites
Cost: \$895.00 (\$895 government)
Class size: 16
Dates: Summer 2010

Focusing on forbs, shrubs, and trees, this is an intensive, field based course on the commonly encountered midwest and northeast wetland species. Contrary to most training offered, which usually consists of 2 to 3 consecutive days with a flurry of species presented in too short a time for real learning, this course spreads the learning process over four weeks and focuses on learning the key morphological features need to navigate taxonomic keys like Gleason and Cronquist's *Manual of the Vascular Plants of the Northeastern United States and Adjacent Canada*. This unables the student to acquire the skills necessary to identify unknown plants in the future. Except for two lectures, all sessions will be in the field and will involve collecting and keying specimens for constant practice with the taxonomic keys.

Texts and equipment. Students are responsible for bringing the following texts to the class: *Manual of the Vascular Plants of Northeastern United States and Adjacent Canada*, 2nd Edition, (Gleason and Cronquist 1991); *The Illustrated Companion to Gleason and Cronquist's. Manual* (Holmgren et al. 1998) (These can be purchased as a set for \$150 directly from the publisher (New York Botanical Garden Press) by calling 718-817-8957); *The Woody Plants of Ohio* (Braun 1961), and *Newcomb's Wildflower* (Newcomb 1977). Students should also have a 10x handlens, preferrably a Hastings Triplet. A plant press is recommended but not required.

Location: The course will be taught at the James H. Barrow Field Station of Hiram College, Hiram, Ohio, and at other high quality wetland and upland habitats located nearby. The field station has numerous wetlands and the largest remaining old growth beech-maple forest in Ohio. Hiram is located in picturesque Portage County and is home to the Upper Cuyahoga State Scenic River numerous fens, bogs, vernal pools, forests, and beaver marshes. Hiram is only 10 minutes from Ohio Turnpike (I80) exit 193 and is less than 45 minutes from the Cleveland-Hopkins and Akron-Canton Airports.

Lodging: Lodging is available on campus (contact rosejp@hiram.edu), B&B's in Hiram (<http://www.hiram.edu/visitors/gettingtohiram.html>), in nearby Streetsboro (<http://streetsborooh.cu.myareaguide.com/hotels.html>) and Punderson State Park (<http://www.dnr.state.oh.us/parks/parks/punderson.htm>) in Newbury. Go to <http://www.hiram.edu/visitors/gettingtohiram.html> for information on local food and lodging. Lunch is available at the Hiram Food Court <http://home.hiram.edu/dining/pages/foodcourt.html> or in nearby Garrettsville or Mantua.

FOR MORE INFORMATION e-mail ets2@sbcglobal.net or call 440-666-5949. TO REGISTER on-line go to www.ecologicaltrainingservices.com or www.culturetechnologies.com or call 512-656-7518. Undergraduate or graduate credit can be obtained through Hiram College. Contact Jane Preston Rose at rosejp@hiram.edu, 330-569-5163.

Course Schedule

Note: Course meets over 4 weekends on Saturday-Sunday, Saturday, Saturday-Sunday, Saturday

Class 1 Sat	8:30 - 9:30	Registration
	9:30 - 12:00	Lecture and lab on floral morphology
	12:00 - 1:00	Lunch in Garrettsville or Hiram
	1:00 - 4:00	Continue lab
Class 2 Sun	12:00 - 2:00	Collecting in field at Barrow Field Station
	2:00 - 4:00	Practice keying specimens
Class 3 Sat	9:00 - 12:00	Collecting in field at Mantua Bog, Eagle Creek State Nature Preserve or other locations
	12:00 - 1:00	Lunch in field, Garrettsville or Hiram
	1:00 - 4:00	Practice keying specimens
Class 4 Sat	9:30 - 12:00	Lecture and lab on woody plant morphology
	12:00 - 1:00	Lunch in field, Garrettsville or Hiram
	1:00 - 4:00	Continue lab
Class 2 Sun	12:00 - 2:00	Collecting in field at Barrow Field Station
	2:00 - 4:00	Practice keying specimens
Class 6 Sat	9:00 - 12:00	Collecting at Eagle Creek State Nature Preserve or other locations
	12:00 - 1:00	Lunch in field, Garrettsville or Hiram
	1:00 - 4:00	Practice keying specimens