

***Example syllabus from previous years**

Lake Erie Island Wetland Plant Field Identification and VIBI Workshop

Instructor

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Assistants

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Course Logistics and Format

Tuesday 9:00-5:30, Wednesday and Thursday 8:00-5:00pm, Kelleys Island Field Station, Kelleys Island, Ohio

Each day consists of 8 hours of instruction including Lecture, Field Trips, and Lab.

Each of these one day learning experiences immerses participants in place-based learning. Lectures and lab take place in classrooms at the Kelleys Islands Field Station with field trips to various preserves owned by the State of Ohio or the Cleveland Museum of Natural History on Kelleys Island.

Day 1:

Identification of Lake Erie Floating and Submersed Aquatic Vascular Plants

Submerged and Floating Vascular Plant Identification is a one day workshop geared for specialized instruction on identification and use of keys for submerged and floating vascular plants. Introductory lecture and lab will be followed by field instruction. **You must** have a working knowledge of wetland plant identification before taking this workshop.

Course Materials

Voss, Edward G. and Anton A. Reznicek, Field Manual of Michigan Flora, The University of Michigan Press, 2012. or

Voss, Edward G. Michigan Flora. Part 1. Gymnosperms and Monocots, Cranbrook Institute of Science, 2001.

20 x loup magnifier

Course Outline August 14, 2018, Submerged and Floating Vascular Plant Identification

Time	Topics	
9:00 am	Intro to Keying Submerged Vegetation	KI Field Station
10:00 am	Submerged Aquatics-Shoreline	
12-12:30 pm	Lunch	
12:30 pm	Submerged and Floating Aquatics	
5:30 pm	Return to Field Station	

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Day 2:

Wetland Plant Identification

Wetland Plant Identification is a one day workshop to familiarize students with characteristics of common wetland plant families, genera and species of the Lake Erie Islands region. Practice the use of identification keys for wetland plants of the Great Lakes region. **You must** have a working knowledge of wetland plant identification before taking this workshop.

Course Materials

Voss, Edward G. and Anton A. Reznicek, Field Manual of Michigan Flora. The University of Michigan Press, 2012.

20 x loup magnifier

Course Outline- August 15, 2018 Wetland Plant Identification

8:00 am	Definition of Wetland, Habitat Types, Adaptations	KI Field Station
10:00 am	Identification: Estuary Emergent Marsh Plants	North Pond
12:00 pm	Lunch-Sack Lunch at Kellev Island State Park	
1:00 pm	Identification: Swamp Forest Species	
5:00 pm	Return to Field Station	

Day 3:

Field Instruction-Vegetation Index of Biotic Integrity

This field workshop will familiarize participants with the Vegetation Index of Biotic Integrity for wetlands in Ohio. We will hold a field exercise at one of the Cleveland Museum of Natural History's preserves on Kelleys Island and learn to use the automated data sheet. **You must** have a working knowledge of wetland plant identification before taking this workshop.

Course Outline-August 16, 2018 Field Instruction-Vegetation Index of Biotic Integrity (VIBI)

8:00 am	Introduction to VIBI	KI Field Station
8:30	VIBI Field Practice/Techniques	
12:00 pm	Lunch-Sack Lunch	
1:00	VIBI Exercise	
2 or 3:00 pm	Spreadsheet Program	KI Field Station
5:00 pm	Workshop Over	

Grading Information

A certificate is given upon completion of the course/workshop.

Attendance Policy

Students are expected to actively participate in all class sessions, including lectures, fieldwork and laboratory time.