



# INTRODUCTION TO BRYOPHYTES



2021 EAGLE HILL  
NATURAL HISTORY  
SCIENCE SEMINARS  
ON THE COAST OF  
EASTERN MAINE

**Instructor: Fred Olday**

**When: June 6th - 12th, 2021**



This introductory level seminar is designed primarily for students in the biological sciences, people involved in natural history inventory work and interpretation, and for teachers or anyone whose appreciation of the outdoors has ever excited their curiosity about these attractive and often overlooked plants. The seminar will also provide a solid foundation for further self-study or advanced coursework. The basic structure, life history, ecology, and classification of mosses, liverworts, and hornworts will be covered in formal lectures and discussions. Field trips to a variety of habitats will introduce these plants in their natural settings where students will be taught to recognize common bryophyte genera, describe their macro- and microhabitat preferences, and learn basic collection techniques. Lab work will focus on the identification of representative bryophytes selected by the instructor and the identification and curation of student collections. The goal of the seminar is to provide participants with the confidence, basic knowledge, and skill to pursue further study of bryophytes on their own. No prior experience in identifying bryophytes is necessary. A lab fee of \$50 is required for a student identification kit which one may take home following the seminar. Items to bring with you—laptop computer, 10-20X hand lens, and a copy of 'Mosses, Liverworts, and Hornworts: A Field Guide to Common Bryophytes of the Northeast' by Ralph Pope. A list of suggested collecting equipment will follow.

**GENERAL INFO**

**CALENDAR**

**APPLY**



## about the instructor

**Dr. Fred Olday** (folday@gmail.com) has previously taught courses in botany, chemistry, and soils at University of Massachusetts Lowell and at College of the Atlantic in Bar Harbor, Maine. Following his retirement, he has returned to College of the Atlantic where he presently teaches courses in bryophyte and lichen biology. He spends as much time in the outdoors as possible where he divides his time between hiking, canoeing, and becoming more familiar with the local bryophyte and lichen floras.