



# Eagle Hill Natural History Science Field Seminars ...

... on the Coast of Maine, just east of Acadia National Park

## INTRODUCTION TO BRYOPHYTES AND LICHENS

May 27 - June 2, 2018

This introductory level seminar is designed primarily for people involved in natural history inventory work and interpretation, as well as for teachers or anyone whose appreciation of the outdoors has ever excited their curiosity about these unique organisms. The basic structure, life histories, and ecology of bryophytes and lichens will be covered in formal lectures and discussions. Field trips to a variety of habitats will introduce these organisms in their natural settings where students will be taught to recognize major taxa, describe their macro- and microhabitat preferences, and learn basic collection techniques. Lab work will focus on the identification of representative taxa 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 skills to pursue further study of these groups on their own. No prior experience in identifying bryophytes or lichens is assumed, although familiarity with basic microscope technique would be most helpful.



### 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.