



MARINE MACROALGAE: ECOLOGY, IDENTIFICATION, DISTRIBUTION, AND IMPORTANCE



2024 Eagle Hill
Natural History
Science Seminars
on the coast of
eastern Maine

Instructor: Amanda Savoie

When: June 2nd - 8th, 2024



Have you ever wondered how many species of seaweed can be found along the coast of Maine? Or where and how they can be collected? This seminar is designed to be an introduction to phycology (the study of algae), and is suitable for anyone who is curious about seaweed and would like to learn more. A general introduction to the three main groups of seaweed (brown, green and red algae) will be combined with field trips to explore the rocky intertidal zone at low tide. This seminar will be a mix of lectures, fieldwork and laboratory time, and topics such as ecology, evolution, identification and taxonomy will be covered. The importance of marine macroalgae to the coastal environment as well as human uses (including edible seaweeds) will also be discussed. Students will have time to collect and identify specimens, and learn how to prepare a personal herbarium of their own collections. We will also go over tips and tricks for identification of seaweeds, and discussion of common difficulties encountered.

GENERAL INFO

CALENDAR

APPLY



about the instructor

Dr. Amanda Savoie (asavoie@nature.ca) is a research scientist and phycologist at the Canadian Museum of Nature in Ottawa, Canada, as well as Director of the Museum's Arctic research centre. Amanda studies biodiversity and biogeography of marine macroalgae in Canada, and uses molecular and traditional techniques to investigate taxonomically difficult species of red algae. As a native of Atlantic Canada, she is most familiar with (and fond of) the amazing seaweeds of the northeast coast.