



2020 Eagle Hill Institute Online Natural History Seminars

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Marine Macroalgae: Ecology, Identification, Distribution, and Importance

Amanda Savoie

November 13th – December 1st, 2020

This seminar is designed to be an introduction to phycology (the study of algae), and is suitable for anyone who is keen to learn more about the biology of marine macroalgae on the northeastern coast of Canada and the United States. A general introduction to the algae will be presented with a focus on the three main groups of marine macroalgae (green, brown and red algae), as well as topics such as ecology, evolution, identification and taxonomy. Techniques for collecting, pressing, and identifying seaweed will be discussed, and if students are able and interested in making their own collections they are encouraged to do so, although this is not necessary. Other topics include: the importance of marine macroalgae to the coastal environment, contemporary and historical human uses of seaweed, economic and culinary importance of seaweed.

Scheduling Details

Friday Nov. 13th, Tuesday Nov. 17th,
Friday Nov. 20th, Tuesday Nov. 24th,
and Tuesday Dec. 1st

7–9PM ET

Participants need to have a Zoom account (<https://zoom.us> sign up for zoom is free). You will receive a secure link to join the instructor before each class. Classes will be recorded so participants can review them or make up missed ones.

For more information regarding seminar costs and registration please visit:
<https://www.eaglehill.us/programs/sems-online/general-info.shtml>

About the Instructor

Dr. Amanda Savoie (asavoie@nature.ca) is a research scientist and phycologist at the Canadian Museum of Nature in Ottawa, Canada. 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.