



2021 Eagle Hill Institute
Online Natural History Seminars

office@eaglehill.us 207.546.2821 www.eaglehill.us

Marine Red Algae: Ecology, Identification, Distribution, and Importance in the northwestern Atlantic

Dr. Amanda Savoie

April 21st – May 5th, 2021

This seminar is designed to be an introduction to the red algae (Rhodophyta), and is suitable for anyone who is keen to learn more about this beautiful and interesting group of photosynthetic eukaryotes. The main focus will be on the macroscopic and marine red algae of the northeastern coast of Canada and the United States, but microscopic and non-marine groups will be introduced as well. A general introduction to the Rhodophyta will be presented with a focus on taxonomy and identification. Techniques for collecting, pressing, identifying and preparing a herbarium of red algal collections will be discussed. If students are able and interested in making their own collections they are encouraged to do so, although this is not necessary for the course. Other topics include: ecology and distribution, the use of DNA sequences for identification, the importance of rhodophytes to the coastal environment, economic and culinary uses.

Scheduling Details

April 21, April 23, April 28, April 30, and May 5
7 PM – 9 PM 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 a combination of 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.

