



# TARDIGRADE BIOLOGY, ECOLOGY, FIELD SAMPLING, AND IDENTIFICATION



2023 EAGLE HILL  
NATURAL HISTORY  
SCIENCE SEMINARS  
ON THE COAST OF  
EASTERN MAINE

**Instructor: Dr. Emma Perry**

**When: June 11 - June 17, 2023**

This seminar is designed to help naturalists of all skill levels learn about tardigrades. Tardigrades are all around us in Maine. You will learn how to sample for tardigrades from substrates around us and how to identify them. We will show you how to sample moss, lichen, leaf litter, and the other habitats around the station. We will then discuss the different ways to find and extract the tardigrades from each of these samples. In the lab we will observe the tardigrades with microscopes and make temporary and permanent mounts of them. We will discuss the features of tardigrades that are taxonomically important and together we will identify the tardigrades around the field station. Once we have covered the basic skills you will have time to learn more about the tardigrades that you are most interested in.



**GENERAL INFO**

**CALENDAR**

**APPLY**



## about the instructor

**Dr. Emma Perry** ([emma.perry@maine.edu](mailto:emma.perry@maine.edu)) currently manages the Electron Microscope Laboratory at the University of Maine, after a twenty year career as a Professor of Marine Biology. She studied the marine and limno-terrestrial tardigrades of Maine with her students for several years. Working together they have described several new species and is working to document the tardigrades of Maine.