



2020 Eagle Hill Institute
Online Natural History Seminars
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A “Dive” into the Liverworts and Hornworts of Central America

Gregorio Dauphin

November 2nd – November 11th, 2020

As a small biological bridge between North America and South America, Central America is home to over 800 species of liverworts and hornworts, representing about 11% of the World's diversity in these plant groups! This seminar will provide an introduction to the diversity of this bryological hotspot. We will first identify the main lineages of liverworts and hornworts present in the region, giving special attention to tropical families and genera. The participant will be guided through the taxonomical literature available for regional taxa, and the morphological particularities when using the keys. To dive into the tropical hepatics, we will explore their great variety exploring their most common species in different substrates and ecosystems, including páramos, montane and premontane rain forest, tropical dry forest and lowland tropical rain forest. This seminar will use zoom for interactive lectures and discussions with power point presentations or on-screen analysis of microscopic slides of fresh material and/or herbarium specimens. Intended for those with passion for knowing new bryophytes and their ecology and prepare for the future discovery of astonishing tropical landscapes!

Scheduling Details

Nov. 2 (Monday), Nov. 4 (Wednesday), Nov. 6 (Friday),
Nov. 10 (Tuesday), Nov. 11 (Wednesday)
7PM – 9PM ET

Participants need to have a Zoom account (<https://zoom.us> ... signup 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.

About the Instructor

Gregorio Dauphin (adriaendauphin@gmail.com), is currently a research associate in the Museo Nacional de Costa Rica. His bryological research has included bryophyte inventories and workshops in different countries including Florida, Dominican Republic, Honduras, Nicaragua, Costa Rica, Panama, Venezuela, Ecuador and Bolivia. His taxonomic expertise has centered in the tropical family Lejeuneaceae, especially the genus *Ceratolejeunea* for which he published a treatment for Flora Neotropica.

