



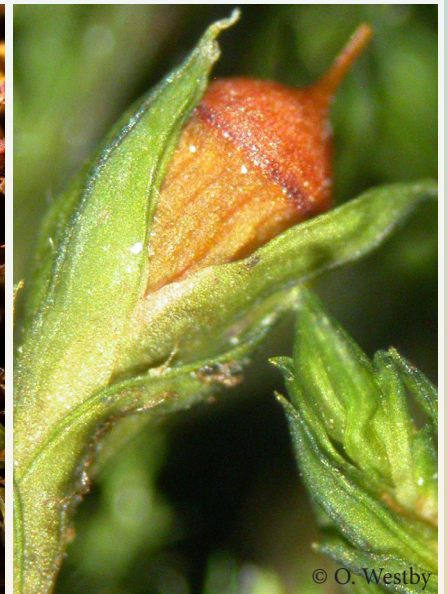
2019 Eagle Hill Natural History Science Field Seminars...

... on the Coast of Maine, just east of Acadia National Park

THE MOSS FAMILY GRIMMIACEAE, WITH A FOCUS ON THE GENUS *SCHISTIDIUM*

August 25 – 31, 2019

The main focus of this seminar is the taxonomy and identification of North American species of *Schistidium*. *Schistidium* belongs to the Grimmiaceae, a moss Family notorious for its taxonomic difficulties, sometimes even at the genus level. We will initially look at the family as a whole, and work towards understanding and distinguishing its principal genera. An initial lecture will cover the morphology and diversity of the family, including evolution and phylogeny. We will then focus on *Schistidium* and how to distinguish a number of North American species. This will entail following a detailed character-based methodology that is recommended in order to best understand the taxa. Specimens of the most common species will be made available in the laboratory for guided microscopic examinations. Field trips will target outcrop areas and, probably, roadsides with concrete barriers. Participants are encouraged to bring collections they have made in other geographic areas.



About the instructor

Terry McIntosh (ttmcintosh@shaw.ca) is a Research Associate in the Botany Department at the University of British Columbia. He has had over 40 years of experience in botanical research, ecological consulting, and public education. His recent work has focused mainly on bryophyte floristics and taxonomic research. He has completed numerous bryophyte surveys in the Pacific Northwest with a focus on British Columbia and Yukon. Terry is an editor and Board Member for the Flora of North America project, and has written treatments for the flora, including of *Schistidium*. He has recently collaborated with Hans Blom describing three species new to North America, *Schistidium splendens*, *S. squarrosus*, and *S. relictum*. He is also a workshop facilitator, and has implemented numerous regional moss workshops, mainly focusing on general bryophyte morphology and taxonomy.