



Lichens and Lichen Ecology with David Richardson and Mark Seaward

August 15 - 21, 2010

Lichens are abundant and diverse along the coast of Maine. This seminar is suitable for those who have some familiarity with lichens or who are beginners. With small student numbers and two instructors, we happily accommodate

a range of abilities. Participants have the opportunity to pursue topics of interest and to develop identification skills. This seminar emphasizes both fieldwork and laboratory studies. We focus on identification of specimens

using reference books, keys and chemical spot tests. Lichens from open, forested, and seashore habitats will be studied, with an emphasis on the large macrolichens although some crustose species will also receive

attention. Lectures and slide presentations will cover topics such as the structure, reproduction, and ecology of lichens, as well as their use by man and their value for pollution monitoring. Those completing this seminar are well positioned to go on to advanced lichen seminars, such as "Crustose Lichens of Coastal Maine."

Dr. David Richardson (david.richardson@SMU.CA), Professor and Dean Emeritus at Saint Mary's University in Halifax, Nova Scotia, is a specialist in the effects of air pollution on lichens and has published many research papers and the books, *The Vanishing Lichens* and *Pollution Monitoring with Lichens*. His studies have taken him to England, Ireland, Canada, and Australia.

Dr. Mark Seaward (m.r.d.seaward@bradford.ac.uk), Professor Emeritus of Environmental Biology at Bradford University, England, is a lichen ecologist. He has written/ contributed to eight books and edited the well-known *Lichen Ecology* published by Academic Press, as well as some 400 other publications. He has studied lichens in Eastern and Western Europe, the Middle East, Indian Ocean islands, and Hong Kong.



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- graduate and undergraduate university credits
- continuing education units/recertification credits
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