



Eagle Hill Natural History Science Field Seminars ...

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

AQUATIC ENTOMOLOGY

August 5 - 11, 2018

This seminar will focus on building taxonomic competence with determinations of aquatic insects to genus level and is offered for specialists involved in biomonitoring and survey programs. Laboratory work will stress skills necessary to make reliable determinations and prepare specimens for study by specialists. Participants will gain experience with a variety of taxonomic resources (i.e., continental keys, regional keys, and primary literature). Laboratory work will also cover curation, handling, and management of taxonomic data. Specimens used for study will be obtained from field trips during the seminar, but some supplemental specimens will be provided. Participants are encouraged to bring specimens from their own region for study or verification. A practical exam will be available at the end of the seminar for those interested in evaluating their progress toward improving their taxonomic skill. Lectures will address topics on aquatic insect biology and ecology and use of aquatic insects in biomonitoring programs.



About the instructor

Dr. Steven K. Burian (burians1@southernct.edu) is professor of aquatic biology at Southern Connecticut State University. He is a specialist on the taxonomy and systematics of Eastern Nearctic Ephemeroptera with a particular interest in the fauna of New England and Atlantic Canada. His most active research programs involve studies of the mayflies of the Connecticut River, Vermont, and New Hampshire. He has conducted surveys of mayflies in throughout New England, Atlantic Canada, and parts of the lower Canadian Arctic.