



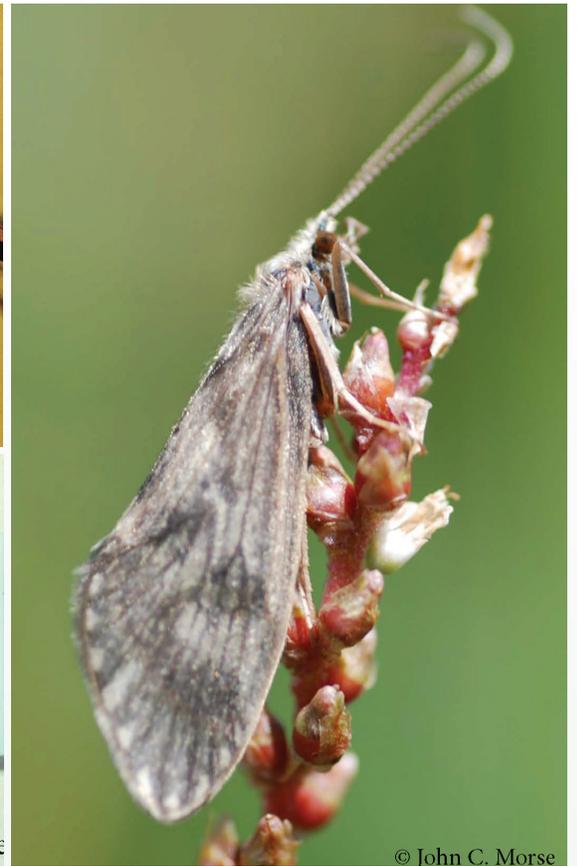
2020 Eagle Hill Natural History Science Seminars . . .  
. . . on the coast of eastern Maine

# TRICHOPTERA OF EASTERN NORTH AMERICA: MORPHOLOGY, MOLECULAR SYSTEMATICS, ECOLOGY, AND NEW RESEARCH DIRECTIONS

John Morse and Paul Frandsen

August 23 – 29, 2020

This seminar focuses on the natural history and taxonomy of caddisflies (Trichoptera) in northeastern North America, including systematics, ecology, and behavior of larvae and adults, with emphasis on those aspects important in ecological studies, biological monitoring of water quality, and sport fishing. Insects will be collected from local habitats and resulting specimens will be identified in the laboratory. Learned skills will be transferable to other regions.



## about the instructors

**Dr. John C. Morse** (jmorse@clemson.edu) is a Professor Emeritus of Entomology at Clemson University in South Carolina. Besides courses in insect systematics, insect larvae, and a variety of other topics, Prof. Morse has taught courses related to aquatic insects at Clemson University, at Highlands Biological Station in North Carolina, in several other states, and in 10 countries so far in Asia and Europe for more than 45 years. His research specialty is the identification, biology, and historical development of caddisflies (Trichoptera), which he has studied in many streams of the world since 1967. He and his students also investigate the identification, biology, and distribution of other aquatic insects, of stream ecology and conservation, and of the use of insect communities to monitor water pollution.

**Dr. Paul B. Frandsen** (paul\_frandsen@byu.edu) is an Assistant Professor of Genetics, Genomics, and Biotechnology at Brigham Young University in Provo, Utah. Paul's research is focused on the systematics and biodiversity of Trichoptera with a special focus on their use of silk. He has conducted extensive field research in North America and countries such as Panama, Guyana, Russia, Mongolia, and Nepal.