

**Workshop on the  
Trichoptera of Western North America  
Larval, Pupal and Adult Taxonomy, plus Distribution and Biology  
February 18-19, 2012  
Briggs Hall Room 122, University of California-Davis**

## **Workshop Schedule**

### **Day 1. Saturday February 18, 2012. 8:00 am to 5:30 pm. Briggs Hall 122.**

8:00-8:30 am. Registration and introduction of attendees to each other, to organizers, and exploration of individual backgrounds and needs from course.

8:30-9:45 am The biology of caddisflies – life-history, ecology, biomonitoring significance and biogeography.

9:45 – 10:10 am. Coffee break.

10:10 – 11:50 am. Introduction to larval taxonomy and standard taxonomic effort. Material to augment Wiggins (1996) will be in the workshop manual. Please bring your own copy of Wiggins 1996. Larvae of the North American Caddisfly Genera (Trichoptera).

11:50-1:15 pm. Lunch break allowing time off campus.

1:15 – 2:15 pm Species and species groups of the genus *Rhyacophila*. Joe Giersch will introduce a new key to North American *Rhyacophila* larvae.

2:15-3:00 pm Guest presentations on non-caddis freshwater invertebrates.

3:00-5:30 pm Open lab on larvae. We will have identified larval material available, but also encourage you to bring your own specimens to share and work on. More advanced attendees can test themselves on vials of mixed unknown larvae.

### **Day 2. Sunday February 19, 2012. 8.00 am to 4.30 pm. Briggs Hall 122.**

9:00-10:00 am. Systematics of Trichoptera and introduction to adult morphology.

10:00-10:30 am Coffee break

10:30-11:50 am Adult caddisflies of western North America, keys to families and genera. Attendees will be provided their own copies of Schmid 1998. Genera of the Trichoptera of Canada and Adjoining or Adjacent United States, and Ruitter 2000. Generic Key to the Adult Ocellate Limnephiloidea of the Western Hemisphere (Insecta: Trichoptera). The workshop manual will expand and augment these publications. Species level identification of select genera will be covered.

11:50-1:15 pm. Lunch break allowing time off campus.

1:15-2:00 pm Demonstration of techniques for adult taxonomy. Collecting methods for adults. Discussion on future workshops.

2:00-4:30 pm Open lab on adults. We will have identified adult material available, but also encourage you to bring your own specimens to share and work on. More advanced attendees can test themselves on vials of mixed unknown adults.