

California Water Quality Monitoring Collaboration Network Participant:

Join the California Water Quality Monitoring Collaboration Network, SAFIT and California Department of Fish and Wildlife - Aquatic Bioassessment Laboratory/ College of Natural Sciences - Center for Water and the Environment's Joseph Slusark and Austin Brady Richards from your own workspace for a special Webinar session, "Identification to subfamily and tribe of Chironomidae larvae in California". Please join us on Thursday, April 25, 2013, 11:30 AM -12:30 PM. Please see the instructions below *to join the webinar. To watch the presentation, "join the online meeting" and to hear the meeting, "join the teleconference"* as we use voice over phone protocol.

Identification to subfamily and tribe of Chironomidae larvae in California

This webinar will demonstrate how to identify larval specimens of the 7 subfamilies in the family Chironomidae as well as distinguishing the two tribes of the subfamily Chironominae. We will discuss relevant larval morphology, equipment needed and necessary supporting literature. The webinar will also teach the taxonomy skills needed to employ the new California stream condition index (CSCI) as well as be a good first step for preparing midges for identification to SAFIT level 2.

The methodology demonstrated will be that described in Woodard, M.E., J. Slusark, and P.R. Ode. 2012. Standard Operating Procedures for Laboratory Processing and Identification of Benthic Macroinvertebrates in California. California State Water Resources Control Board Surface Water Ambient Monitoring Program (SWAMP) Bioassessment SOP 003.
www.waterboards.ca.gov/water_issues/programs/swamp/docs/bmi_lab_sop_final.pdf

**California Department of Fish and Wildlife - Aquatic Bioassessment Laboratory
College of Natural Sciences - Center for Water and the Environment
California State University, Chico California**

Austin Brady Richards, Aquatic Entomologist

Brady joined the ABL on October 31, 2001. He has over 15 years of experience identifying Nearctic aquatic invertebrates. His taxonomic specialties include Coleoptera, Heteroptera and adult Trichoptera. He is currently involved with the identification of a wide range of projects with the ABL, including serving as the ABL External QC Taxonomist. Brady co-authored and helps maintain the current version of the SAFIT STE and STE Rules documents. He received his M.S. in Biology from Arkansas State University in 1994.

Joseph Slusark, Aquatic Entomologist

Joe joined the ABL in September 2001. He has over 20 years of experience in freshwater invertebrate taxonomy. His current work includes taxonomic identification for projects with the following agencies CDFW, CDFW-OSPR, SWAMP, USEPA, SCCWRP, SWRCB regional boards, University of Maryland, citizen monitoring groups, environmental consulting firms and various non-profits such as Nature Conservancy. His areas of taxonomic expertise include all groups of freshwater insects with special interest in the ephemeroptera, plecoptera, trichoptera and chironomidae. Joe performs QA/QC on taxonomic identifications on ABL projects, manages contracts, personnel and day to day operations of the Chico ABL. Joe is one of the founding members of the Southwest Association of Freshwater Invertebrate

Taxonomists (SAFIT) and is the current President. SAFIT was founded to establish standardized data quality objectives and the guidelines for achieving them for freshwater invertebrate taxonomic data used in bioassessment in California and the greater southwestern United States. SAFIT also promotes the training and professional development of freshwater invertebrate taxonomists by conducting regular workshops and training sessions led by lead by recognized taxonomic experts in their field. Additionally, Joe is a periodic instructor at California State University-Chico giving frequent lectures and training students in freshwater invertebrate taxonomy and field collections techniques. Joe graduated from Penn State University with a B.S. in Wildlife Science and an M.S. in Entomology with a minor in Ecology and currently resides in the Sierra Nevada foothills overlooking Chico California.

Southwest Association of Freshwater Invertebrate Taxonomists:

The mission of the Southwest Association of Freshwater Invertebrate Taxonomists (SAFIT) is to promote understanding of the taxonomy and systematics of inland freshwater invertebrates in support of biotic condition of inland aquatic ecosystems of the southwestern United States. Fundamental to this mission is the standardization of identification and reporting of freshwater invertebrate taxa. SAFIT fosters scientific research, education, and professional development in the environmental sciences, as they pertain to inland freshwater invertebrate taxonomy. <http://safit.org/>

Meeting information

Topic: CWQMCN - Identification to the subfamily and tribes of Chironimidae

Date: Thursday, April 25, 2013

Time: 11:30 am, Pacific Daylight Time (San Francisco, GMT-07:00) <Please log-in early.>

Meeting Number: 745 102 195

Meeting Password: wqwebinar

To join the online meeting

Go to

<https://waterboards.webex.com/waterboards/j.php?ED=200463087&UID=484113162&PW=NNTgwODE0ZDUw&RT=MiM0>

Teleconference information

Call-in toll-free number (Verizon): 1-866-761-8603 (US)

Call-in number (Verizon): 1-517-652-7895 (US)

Show global

numbers: <https://wbbc.verizonbusiness.com/wbbcClick2Join/servlet/WBBCClick2Join?TollNumCC=1&TollNum=517-652-7895&TollFreeNumCC=1&TollFreeNum=866-761-8603&ParticipantCode=5095154&customHeader=mymeetings&dialInNumbers=true>

Attendee access code: 509 515 4

For assistance

1. Go to <https://waterboards.webex.com/waterboards/mc>

2. On the left navigation bar, click "Support".

To add this meeting to your calendar program (for example Microsoft Outlook), click this link:

<https://waterboards.webex.com/waterboards/j.php?ED=200463087&UID=484113162&ICS=MS&LD=1&RD=2&ST=1&SHA2=oO/jNmG9WxLzYiLGMRgVzt6WevZavO91KHFv1yfCit8=>

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IMPORTANT NOTICE: This WebEx service includes a feature that allows audio and any documents and other materials exchanged or viewed during the session to be recorded. You should inform all meeting attendees prior to recording if you intend to record the meeting. Please note that any such recordings may be subject to discovery in the event of litigation.

We have set up a webpage for the California Water Quality Monitoring Collaboration Network (CWQMCN) at:

www.waterboards.ca.gov/water_issues/programs/monitoring_council/collaboration_network/index.shtml

Webinar materials (if available), all past webinars (recordings and pdf's) will be posted on the website.

CWQMCN Emails:

You can join the webinar listserv by signing up on the web at:

www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml.

Enter your email address and name, place a check mark next to "Water Quality Monitoring Collaboration Network - Webinar Sessions", then click the "subscribe" button.