

## **Guidelines for taxonomic determination of *Baetis adonis* and *Baetis tricaudatus* specimens in Southern California SWAMP bioassessment samples**

Join the California Water Quality Monitoring Collaboration Network, Southwest Association of Freshwater Invertebrate Taxonomists and Aquatic Bioassessment Lab, CSU Chico/DFG's aquatic entomologists Joseph Slusark and John Sandberg from your own workspace for a 1-hour Webinar session "**Guidelines for taxonomic determination of *Baetis adonis* and *Baetis tricaudatus* specimens in Southern California SWAMP bioassessment samples.**" The webinar will be on Thursday, August 16, 2012 from 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.

Guidelines for taxonomic determination of *Baetis adonis* and *Baetis tricaudatus* specimens in Southern California SWAMP bioassessment samples.

Recent DNA analysis of southern California baetidae has indicated the species *Baetis adonis* and *Baetis tricaudatus* are part of a complex composed of several species. This webinar will demonstrate what to do with these problematic taxa.

### **Presenters:**

**Joseph Slusark** Joe is an Aquatic Entomologist with the California Department of Fish and Game, Aquatic Bioassessment Laboratory at California State University, Chico where he does taxonomy and QA/QC. He has been an active aquatic entomologist since 1990 and has worked for USGS, USFW, Pennsylvania Fish Commission, Penn State University and as a private consultant. He earned a B.S. in Wildlife Biology and M.S. in Entomology with an Ecology minor at Penn State University. Joe has been involved in aquatic bioassessment since 1995 as well as research of various aquatic insect groups. Joe was a leader in the founding of SAFIT and has been president and member of the board of directors since 2006. 530-898-4792  
[jslusark@csuchico.edu](mailto:jslusark@csuchico.edu)

**John Sandberg** John is an Aquatic Entomologist with the California Department of Fish and Game, Aquatic Bioassessment Laboratory at California State University, Chico where he does taxonomy and research on the systematics and taxonomy of Plecoptera. He has over 20 years of macroinvertebrate identification working with Wisconsin DNR, USGS, University of North Texas. He has a BS in fisheries and biology and an MS in natural resources/limnology from University of Wisconsin, Stevens Point. He also has PhD in biology/aquatic ecology from University of North Texas. John is an active member in SAFIT.

**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. To accomplish this mission SAFIT will:

1. Establish standard taxonomic procedures.
2. Provide/maintain standard taxonomic effort document.
3. Facilitate information exchange.
4. Improve taxonomic QA/QC methods.
5. Promote scientific and educational programs.

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### Meeting information

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Topic: Guidelines for taxonomic determination of *Baetis adonis* and *Baetis tricaudatus* specimens in Southern California SWAMP bioassessment

Date: Thursday, August 16, 2012

Time: 11:30 am, Pacific Daylight Time (San Francisco, GMT-07:00)

Meeting Number: 749 653 143

**Meeting Password: wqwebinar**

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### To join the online meeting

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#### Go to

<https://waterboards.webex.com/waterboards/j.php?ED=187566592&UID=484113162&PW=NYWU2MmYzMGYw&RT=MiM0>

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### Teleconference information

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**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**

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### For assistance

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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=187566592&UID=484113162&ICS=MS&LD=1&RD=2&ST=1&SHA2=B7mhKuLn5XgyfGQxN2mso3KZuXKJKzimgL0RsTtQhao=>

To check whether you have the appropriate players installed for UCF (Universal Communications Format) rich media files, go to

<https://waterboards.webex.com/waterboards/systemdiagnosis.php>.

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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.

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

[www.waterboards.ca.gov/mywaterquality/monitoring\\_council/collaboration\\_network/index.shtml](http://www.waterboards.ca.gov/mywaterquality/monitoring_council/collaboration_network/index.shtml)

Webinar materials (if available), all past webinars (recordings and pdf's) will be posted on the website. The recorded webinars and associated materials are located under 'Monthly Webinars'. We hope to use this webpage to help you network with each other and with the larger monitoring community. So, feel free to give us your ideas on how to make it better.

**CWQMCN Emails:**

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

[http://www.waterboards.ca.gov/resources/email\\_subscriptions/swrcb\\_subscribe.shtml](http://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.

**California Water Quality Monitoring Professional Network :**

Share technical and support tools for water quality monitoring, assessment and reporting; Encourage discussion on common concerns like information management and program development; Provide a forum for networking and collaboration.

This LinkedIn Group, California Water Quality Monitoring Professional Network, compliments the California Water Quality Monitoring Collaboration Network (CWQMCN) and was created so that water quality monitors and Network members would have the ability to further collaborate and communicate outside of the current CWQMCN Webinar series and emails

If you are a member of LinkedIn please join the group. Not a member yet? Please consider doing so and joining this group of water quality monitoring professionals, [www.linkedin.com](http://www.linkedin.com)