

SAFIT

SOUTHWEST ASSOCIATION OF FRESHWATER INVERTEBRATE TAXONOMISTS

Greetings, one and all!

Lots has been going on and there is great stuff coming up. The SAFIT Annual Meeting will be held Friday, 21 November 2008 AFTER the regular CABW meetings, on 19 and 20 November (for meeting time and place see below). Elections and a logo will be subjects for discussion. BugFest was a great success! Special thanks to the Bohart Museum of Entomology for hosting us. A great time was had by all, and for those of you did not attend, you really missed out!

Have a job opening that you want to announce, or are looking for a job? Let SAFIT know in the Newsletter! Looking for specimens of a certain species or literature reference? Need material for research or comparative purposes? Let your colleagues know in the SAFIT Newsletter! Want a workshop on a particular group of organisms? Have references to sell or share? Looking for a collecting partner? Put it here in the SAFIT Newsletter. All appropriate requests, queries, non-commercial advertisements and announcements will be considered, and are free to the SAFIT membership.

Thanks!

The SAFIT Board

PRESIDENT'S UPDATE

SAFIT will be conducting its third annual meeting at the Davis Public Library in Davis California Following the CABW meeting in Davis California on Friday, 28 November 2008. The meeting starts at 9 am and will conclude at 5 pm with a break for lunch. Updates on the board of directors meetings, the treasury status and other business topics will be covered. We will announce the results of Board of Directors elections for Vice president and treasurer and announce the winner of the SAFIT logo competition. We will also discuss the new SAFIT Newsletter and how it can better serve the membership.

We will recap the workshops conducted in 2008 and discuss plans for workshops in 2009 and beyond. There will be an update on the STE status and its future development as well as the development of our web site (www.safit.org), the online digital reference collection and other resources.

We will get an update from the membership development and interagency liaison team on the current number of SAFIT members. In addition we will hear about the teams plan for reaching new potential members and expanding our membership in other South Western States. Finally we will receive an update from the QA Workgroup and the Education/Outreach Committee.

In addition to finding out what has been going on in SAFIT over the last year the annual meeting is your opportunity as a member to bring your ideas. We welcome your ideas for workshops, field trips, fund raisers, etc. Even better, we welcome anyone who wishes to step up and implement these good ideas or who wishes to participate in an existing committee or workgroup.

Hope to see you all there in Davis next month.

Joe Slusark

BUGFEST 2008



Bugfest was a blast! It was a great time of collaboration and bridge building. Groups worked on difficult specimens, so all were able to see the same diagnostic characters. We had around twenty folks from our membership from all over California, as well as Oregon and Idaho. The Bohart

Museum opened their collections and library and provided microscopes. The identified material in the museum collections was a great resource for comparing to the unidentified material brought in by the attendees. Most of the unidentified material was mollusks, mites, midges and heteroptera. SAFIT thanks Lynn Kimsey, Steve Heydon and the rest of the Bohart Museum staff for a very productive day.

NEWS

We are having a logo contest! We are hoping to develop a simple, easy to understand logo for SAFIT. We are looking for something that is basic, easy to scan, easily discernable when reduced, and not copyrighted. Any member who wishes to submit an idea for a SAFIT logo needs to send it as a .tiff file, scanned to 600 dpi, and email it to Joe Slusark at jslusark@csuchico.edu. Please have all submissions in by 1 November 2008, so that we can vote on them at the next SAFIT meeting in November.

The **Evolutionary Biology Program** at **San Diego State University** is in the process of launching a new doctoral program that will be administered jointly with the **University of California, Riverside**. Information about our group is available at <http://www.bio.sdsu.edu/eb/index.html>. Following final administrative approval this winter, the program will review applications in January/February 2009, to begin in September 2009. Basic information about the program's structure is available at the above web site, and students can email Annalisa Berta <aberta@sciences.sdsu.edu> for further information.

SAFIT MEETINGS

The **SAFIT Annual Business Meeting** will be held Friday, 21 November 2008. This is the day AFTER the regular CABW meetings, on 19 and 20 November. Our meeting will be held at the City of Davis Public Library (see <http://www.yolocounty.org/Index.aspx?page=256> for directions) from 9 AM until 5 PM, or until we get done. Parking is free as is attendance. We have lots to discuss, including the STE, elections, workshops, the logo contest and more. Please contact any board member for further details http://www.safit.org/index_files/Page496.htm. Remember, Christopher Rogers lives in Davis, so he can help with "out-of-towner" type questions.

Workshops in the Works: We have a number of workshops in the planning stages for this year and years to come. If you have any workshop ideas, please submit them to Joe Slusark (jslusark@csuchico.edu, 530.898.4792) or Christopher Rogers (crogers@ecoanalysts.com, 530.756.4481). We are currently working towards: Western Ephemeroptera, Western Aquatic Mites, Western Aquatic Gastropods, Western Trichoptera, Endangered Species and Bioassessment, Seasonal Wetland Invertebrates, field techniques, and Quality Control Procedures. We are also considering some focused workshops on specific families or genera.

OTHER NEWS

The annual **CABW** (California Aquatic Bioassessment Working Group) meeting will be held at UC Davis, 19 & 20 November, from 8 AM to 4 PM. This will be the Fifteenth annual meeting. The draft agenda for this year's meeting is still being developed. As in previous years, this meeting will have one and half days for presentations and an optional workshop on the last half of the second day. A possible workshop for this year's meeting is "Causal Criteria" instructed by Richard Norris and his staff from the eWater Cooperative Research Center at the University of Canberra, Australia. It is an 8-step framework and software program which draws together information from the scientific literature, and other data sources, to strengthen conclusions on how a particular human activity, or natural event, may influence the environment. Proposed session topics include, but are not limited to the use of bioassessment to measure river restoration and dam removal projects, the use of bioassessment to evaluate timber lands, the Klamath River and Tribal monitoring efforts, updates on algae and CRAM protocols and updates on regional bioassessment programs and special studies. Please contact Jim Harrington at jharring@OSPR.DFG.CA.GOV or 916.358.2862 for registration information. As always the event is free, but registration is required. Regional and state water board staff can register at: <http://waternet/training/>, all others register at: <http://www.waterboards.ca.gov/academy/>.

The 2009 **NABS** (North American Benthological Society) meeting will be held in Grand Rapids, Michigan <http://www.benthos.org/index.cfm> 17 - 22 May. Please check the NABS website for updates and registration opening.

The international **MALIAF** conference (Managing alien species for sustainable development of aquaculture and fisheries) will be held in Florence (Firenze), Italy, 5-7 November 2008 information can be found at the MALIAF website: www.dbag.unifi.it/maliaf.

EMPLOYMENT OPPORTUNITIES

Taxonomist Positions

Watershed Assessment Associates has an opening for a fulltime benthic taxonomist. For further information visit their web site: www.rwaa.us or http://www.rwaa.us/job_flyer.pdf

EcoAnalysts, Inc. has **job openings for a chironomid taxonomist and a periphyton taxonomist, as well as lab tech positions.** The lab tech positions and the chironomid taxonomist positions are in the Moscow, Idaho office and the periphyton taxonomist position would be in either Moscow, Idaho or Joplin, MO. The full details are available at <http://ecoanalysts.com/>.

LATEST LITERATURE

If you know of any literature or if you yourself have published any papers of interest to the SAFIT membership, please send copies or the citations to D. Christopher Rogers (crogers@ecoanalysts.com) for inclusion in the next issue of the SAFIT Newsletter. Thanks!!

General

Bruce N. L. & R. Wetzer. 2008. New Zealand exports: *Pseudosphaeroma* Chilton, 1909 (Isopoda: Sphaeromatidae), a Southern Hemisphere genus introduced to the Pacific coast of North America. *Zootaxa* 1908: 51-56.

Chaves, M.L., M. Rieradevall, P. Chainho, P., J. L. Costa, M. J. Costa, & N. Prat. 2008. Macroinvertebrate communities of non-glacial high altitude intermittent streams. *Freshwater Biology* 53: 55-76.

Fitzsimons, J. M., R. T. Nishimoto, & J. E. Parham. 2008. Long-term ecological research and field methods for stream use decisions among oceanic islands of the tropical Pacific Micronesica 40.

International Commission on Zoological Nomenclature. 2008. Proposed amendment of the International Code of Zoological Nomenclature to expand and refine methods of publication *Zootaxa* 1908: 57-67.

Ware, J. L., J. Litman, K. – D. Klass, & L. A. Spearman. 2008. Relationships among the major lineages of Dictyoptera: the effect of outgroup selection on dictyopteran tree topology. *Systematic Entomology* 33: 429-450.

Odonata

Buden, D. W. 2008. First Records of Odonata from the Republic of Nauru *Micronesica* 40.

Javier Muzón, A. G. & D. M. Ardohain. 2008. Description of the final instar larvae of *Erythrodiplax atroterminata* Ris and *E. corallina* (Brauer) (Odonata: Libellulidae). *Zootaxa* 1896: 45-50.

Novelo-Gutiérrez, R. 2008. Description of the larva of *Paraphlebia zoe* Selys in Hagen, 1861 (Odonata: Megapodagrionidae). *Zootaxa* 1876: 29-34.

Ephemeroptera

Barber-James, H. M., J. – L. Gattolliat, M. Sartori, & M. Hubbard. 2008. Global diversity of mayflies (Ephemeroptera, Insecta) in freshwater. *Hydrobiologia* 595: 339-350.

dos Santos-Neto, C. R., M. J. do Nascimento Lopes, & E. L. Lima Belmont. 2008. Diversidade de larvas de Leptophlebiidae (Insecta: Ephemeroptera) da Reserva Florestal Adolpho Ducke, Manaus, AM [Diversity of larval Leptophlebiidae (Insecta: Ephemeroptera) of the Adolpho Ducke Forest Reserve, Manaus, AM]

<http://www.periodico.ebras.bio.br/ojs/index.php/ebras/article/view/6/10>

Fenoglio, S., T. Bo, A. Czekaj, & E. Rosciszewska. 2008. Feeding habits, fine structure and microhabitat preference of *Euthyplocia hecuba* (Hagen, 1861) (Ephemeroptera: Euthyplociidae) nymphs from Honduras. *Folia Biologica (Cracow)* 56: 43-49.

McCafferty, W.P. 2008. A newly named species of Fallceon Waltz and McCafferty (Ephemeroptera: Baetidae) from Mexico. *Proceedings of the Entomological Society of Washington* 110: 519-520.

McCafferty, W. P. & L. M. Jacobus 2008. Insecta, Ephemeroptera, Baetidae: range extensions and new state records from Kansas, U.S.A. <http://www.checklist.org.br/getpdf?NGD300-07>

Menetrey, N., B. Oertl, M. Sartori, A. Wagner, & J. B. Lachavanne. 2008. Eutrophication: are mayflies (Ephemeroptera) good bioindicators for ponds? *Hydrobiologia* 597: 125-135.

Molineri, C. 2008. The larvae of the burrowing mayfly genus *Tortopus* (Ephemeroptera: Polymitarcyidae). *Aquatic Insects* 30: 7-19.

Webb, J.M. & W. P. McCafferty. 2008. Adjustments to the species nomenclature in Heptageniidae (Ephemeroptera). *Proceedings of the Entomological Society of Washington* 110: 525-527.

Plecoptera

Baumann, R. W. & B. Kondratieff. 2008. A review of the western North American genus *Triznaka* (Plecoptera: Chloroperlidae) with a new species from the Great Basin, U.S.A. *Proceedings of the Entomological Society of Washington* 110: 345-362.

Baumann, R. W. & B. C. Kondratieff. 2008. The *Alloperla severa* complex (Plecoptera: Chloroperlidae) of western North America. *Illiesia* 4: 66-75.

Cressa, C., V. Maldonado, S. Segnini, & M. M. Chacon. 2008. Size variation with elevation in adults and larvae of some Venezuelan stoneflies (Insecta: Plecoptera: Perlidae). *Aquatic Insects* 30: 127-134.

Fenoglio, S., T. Bo, J. M. Tierno de Figueroa, M. J. Lopez-Rodriguez, & G. Malacarne. 2008. A comparison between local emergence patterns of *Perla grandis* and *Perla marginata* (Plecoptera, Perlidae). *Hydrobiologia* 607: 11-16.

Fochetti, R., & J. M. Tierno de Figueroa. 2008. Global diversity of stoneflies (Plecoptera; Insecta) in freshwater. *Hydrobiologia* 595: 365-377.

New, T.R. 2008. Legislative inconsistencies and species conservation status: understanding or confusion? The case of *Riekoperla darlingtoni* (Plecoptera) in Australia. *Journal of Insect Conservation* 12: 1-2.

Stark, B. P. 2008. *Diamphipnoa colberti*, a new stonefly species from Chile, and the possible female of *Diamphipnopsis beschi* Illies (Plecoptera: Diamphipnoidae). *Illiesia* 4: 55-58.

[URL:<http://mrc.pms-lj.si/illiesia/papers/Illiesia04-04.pdf>]

Stark, B. P., B. C. Kondratieff, R. W. Baumann. 2008. Modoc County, California stoneflies (Plecoptera). *Perla* 26: 12-16.

Stark, B. P. 2008. *Diamphipnoa colberti*, a new stonefly species from Chile, and the possible female of *Diamphipnopsis beschi* Illies (Plecoptera: Diamphipnoidae). *Illiesia* 4: 55-58.

[URL:<http://mrc.pms-lj.si/illiesia/papers/Illiesia04-04.pdf>]

Stark, B. P., B. C. Kondratieff, R. W. Baumann. 2008. Modoc County, California stoneflies (Plecoptera). *Perla* 26: 12-16.

Trichoptera

de Moor, F.C. , & V. D. Ivanov. 2008. Global diversity of caddisflies (Trichoptera: Insecta) in freshwater. *Hydrobiologia* 595: 393-407.

Flint, O. S., Jr, 2008. Studies of Neotropical caddisflies, LXI: New species of *Leptonema* Guerin (Trichoptera: Hydropsychidae). *Proceedings of the Entomological Society of Washington* 110: 456-469.

Johanson, K. A. & M. Keijsner. 2008. Phylogeny of the Helicophidae (Trichoptera), with emphasis on the New Caledonian species of *Helicopha*. *Systematic Entomology* 33: 451-483.

Malm, T. & Johanson, K. A. 2008. Revision of the New Caledonian endemic genus *Gracilipsodes* (Trichoptera: Leptoceridae: Grumichellini). *Zoological Journal of the Linnean Society* 153: 425-452.

Ozdikmen, H. 2008. A nomenclatural act for caddis flies (Trichoptera). *Munis Entomology & Zoology* 3: 614-616.

Ozdikmen, H., & M. Darilmaz. 2008. New subfamily and genus names, Rossodinae nom. nov. and Rossodes nom. nov., for the finger-net caddisflies (Trichoptera: Philopotamidae). *Munis Entomology & Zoology* 3: 162-164.

Santos A. P. M. & J. L. Nessimian. 2008. Five new species of Cernotina Ross (Trichoptera: Polycentropodidae) from Central Amazonia Brazil. *Zootaxa* 1899: 25-33.

Coleoptera

Fikacek, M., M. Archangelsky, & P. L. M. Torres. 2008. Primary chaetotaxy of the larval head capsule and head appendages of the Hydrophilidae (Coleoptera) based on larva of *Hydrobius fuscipes* (Linnaeus, 1758). *Zootaxa* 1874: 16-34.

Perkins, P. D. 2008. New species and new collection records of Prosthetopine water beetles from southern Africa (Coleoptera: Hydraenidae) *Zootaxa* 1864: 1-124.

Diptera

Mathis, W. N. 2008. Two new neotropical genera of the shore-fly tribe Ephydrini Zetterstedt (Diptera: Ephydriidae). *Zootaxa* 1874: 1-15.

Mendes, H. F. & T. Andersen. 2008. A review of *Antillocladius* Sæther and *Litocladius* Mendes, Andersen *et* Sæther, with the description of two new Neotropical genera (Diptera, Chironomidae, Orthoclaadiinae). *Zootaxa* 1887: 1-75.

Rossi, G. C. & R. E. Harbach. 2008. *Phytotelmatomyia*, a new Neotropical subgenus of *Culex* (Diptera: Culicidae). *Zootaxa* 1879: 1-17.

THANK YOU FOR YOUR MEMBERSHIP!

Board of Directors:

Joseph Slusark, President 530.898.4792

D. Christopher Rogers, Vice President/ Newsletter Editor 530.756.4481

Ken Schiff, Treasurer 714.755.3202

Kim Kratz, Secretary 503.231.2155

Scott Johnson, Member at Large 805.643.5261 x11