

IDAHO ENTOMOLOGY GROUP NEWSLETTER

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November 2008

The Idaho Entomology Group (IEG) is composed of professional and non-professional people interested in any facet of the study of insects. Participation is not restricted to Idaho. Membership dues are \$5 / year (non-domestic E-subscriptions only), used to cover costs of the bimonthly newsletter. Application can be made to any officer (see below) or the Idaho Entomology Group, c/o Orma J. Smith Museum of Natural History, The College of Idaho, Caldwell, ID 83605, USA. **Materials for publication** (e.g. important dates, summaries of meetings, references, publications of members and others, collection records, etc.) should be sent directly to the Editor. Deadline for submission is the 20th of every second month. Back issues are available at cost (contact: William H. Clark, OJS Museum of Natural History, The College of Idaho, Caldwell, ID 83605). Advertisements are included in the *Newsletter* at the Editor's discretion when items are thought to be within the membership's interest. There is no cost for advertisement, deference in publication is given to members. The IEG is an affiliate of the Idaho Academy of Sciences.

2008 OFFICERS: **PRESIDENT**, James K. Ryan, 6614 Newman St., Boise, ID 83704; jameskryan@hotmail.com; **SEC./TREAS.**, Barbara Alexander, 2715 Snowflake Dr., Boise, ID 83706 ☎: 208-344-6017, 208-863-4024 (cell), bmerrill@cablone.net; **NEWSLETTER EDITOR**, Paul Blom, 1107 Grant Ave., Prosser, WA 99350-1115 ☎: 509-788-0181/786-9358, e-mail pblom@BioDataManagement.com.

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----- C A L E N D A R -----

Dec	6	IEG Holiday Party
Jan	12-13	PNW Insect Pest Management Conf
Mar	24-26	Sixth International IPM Symposium
Aug	2-7	Ecological Society of America Ann Meet.

----- IEG HOLIDAY PARTY -----

Pat and Al Gillogly will host the Museum Volunteers' Holiday Party (in conjunction with I.E.G.) on Saturday, December 6, 2008, starting at 1800 hrs (= 6PM).

In accordance with tradition, this will be a potluck affair with BYOB. The Gilloglys (actually Pat!) will prepare a meat dish and would very much appreciate RSVPs to 377-3567 or gillogly@cablone.net so that she can gauge the quantities needed...but come anyhow if you forget to Respondez Vous.

The site of the festivities is located on the Boise Bench at N43° 37.260' W116° 14.693', elevation 2750';

the traditional physical designation (NOT our mailing address) is - 1711 N. Fowler Street. This is just 2.5 blocks NW of the corner of Fairview and Orchard, in BOI.

To find a map, you can plug the address above into <http://mappoint.msn.com/>, or your favorite map site. However, mappoint does not indicate that the house is on the west side of the street, about halfway down the block....the next to the last house before reaching Mountain View Ave.

You are welcome and encouraged to bring entertaining slides, disks, and stories to share. If you will need a projector/screen, please let Al know **well** in advance!

----- 2008 SUMMER SUMMARY -----

While there is still enough heat in the sun to make sitting outside comfortable, it is worthwhile to highlight some of this summer's entomological events.

BioBlitz at the Deer Flat refuge (IEG News 35:12, 23) is always well-organized, but this year seemed to be exceptionally well done. Fine blue T-shirts made experts visible to the many visitors. There were lots of children accompanied by curious parents. Bill and Mary Clark, Teresa Vail, and Paul Castroville again put in great efforts to make this event scientifically credible. While collecting ants from the refuge, Bill found a moving ant column with ordinary inquiline staphylinid beetles, and extraordinary crickets (see p. 30)! Altogether he collected hundreds of these miniature (c.a. 7 mm) cricket symbionts. This single finding made all the collecting efforts worthwhile. Bill will publish the details in the future.

The Deer Flat refuge, on Lake Lowell, is the center of a significant entomological issue. Ed Burnett of the Canyon County Mosquito Abatement District reports that the shores of the lake are the primary breeding sites for *Culex tarsalis* mosquito larvae. These are the main vectors of West Nile Virus. Laws governing federal refuges prohibit the use of insecticides to control mosquito populations. The probable intent of such legislation is to prevent control of nuisance mosquitoes. When human health, and death, factor into the issue we

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----- ZOOKEYS A NEW JOURNAL -----

We (Pensoft) are very pleased to announce launching of ZooKeys - a peer-reviewed, open-access, rapidly produced and disseminated journal (online and print). You may wish to look at the journal's website and first issue at www.pensoftonline.net/zookeys.

Editor-in-Chief is Terry Erwin (Smithsonian Institution). Our respectful editorial team of zoologists from world's leading biodiversity institutions may be seen at

<http://pensoftonline.net/zookeys/index.php/journal/about/editorialTeam>.

The journal is based on modern technology for online submission, manuscript flow control and publishing. Following the philosophy of the new journal and opinions of several of our Board members, we intend to link ZooKeys to initiatives like ZooBank, EoL, GBIF and others. Even now, all new descriptions and related authorities published in ZooKeys are ZooBank registered. ZooKeys is already a CrossRef member, it will be listed in Zoological Record, and applications for ISI-listing (impact factor) and MEDLINE (PubMed) are in progress. All new species are submitted to Encyclopedia of Life on the day of publication! DOI numbers and ZooBank registrations are mandatory.

The interest to the journal during the first month of existence is enormous and number of visits are counted in thousands on some days.

Author Guidelines may be found at <http://pensoftonline.net/zookeys/index.php/journal/about/submissions> or downloaded as PDF-file at <http://pensoftonline.net/ZooKeys-author-guidelines.pdf>.

ZooKeys adheres strictly to the principles of open access which means that anyone can freely read and copy all content published in ZooKeys provided that the original source and author(s) are credited. At the same time, the journal is published as a high-quality, full-color, printed version, which can be ordered for more than modest prices (full details at <http://pensoftonline.net/zookeys/index.php/journal/about/printedVersion>).

For the printed version, we offer to Librarians a special maximum flat-rate subscription per year (<http://pensoftonline.net/ZooKeys-order-information.pdf>).

ZooKeys will be presented at several international meetings this year. We shall be glad to discuss any publication idea you might have in your plans at our book stands at the 54th Entomological Society of America Annual Meeting, Reno (16-19th of November).

We are looking forward to cooperate with you in this exciting publishing venture!

Lyubomir Penev, ZooKeys Managing Editor

----- PNW PEST CONFERENCE -----

The annual Pacific Northwest Insect Pest Management Conference will be 12-13 January 2009 at the Hilton Portland. Deadline for papers is 1 Dec 2008.

www.ipmnet.org/PNWIMC/2009_PNW_Conference_Reg.pdf

----- HELP WITH IDENTIFICATION -----

OK you lepidopterists out there, can you help with an ID and some information? Reply with your findings to your Editor and/or Kevin please.

"I found your name associated with The Idaho Entomology Group and thought you might be able to help me identify the moth in the attached photo. Based on my research it appears to be an Australian Emperor Gum moth. This photo however, was taken this past weekend in southeastern Idaho, near Palisades reservoir. Am I correct in identifying the moth? If so, is there any information about how or when these moths were introduced to the USA?"



Kevin Wasden, 6 July, kevin@kevinwasden.com

Summer, Continued.

now have a serious debate. Let's hope that Drs. Juliette Tinker and Ken Cornell at Boise State University succeed in their efforts to develop a human vaccine for West Nile Virus. This could soften the edges of this controversy.

Bug Day at the Idaho Botanical Garden (IEG News 35:19) was another successful event. There were enough visitors to (apparently) break the attendance record set last year. The museum store, run by Bill and Mary Clark, and Teresa Vail, had plenty of goods to sell, including an amazing selection of entomological T-shirts. Museum volunteers covered the event thoroughly. I had the pleasure of working with Charles Baker, who corrected an error ingrained in my brain about the life histories of Bombyliid fly larvae. Ben Simco and Paul Castrovillo handled the Ask an Entomologist table for the rest of the day.

The Boise Art Museum is featuring artwork on the cockroach *Periplaneta americana* from 12 July to 9 November. Catherine Chalmers' artwork is both whimsical and insightful. She understands a great deal

(Continued on p.28)

----- O.J. SMITH -----

**MUSEUM OF NATURAL HISTORY NOTES
(THE COLLEGE OF IDAHO)**Museum ☎: (208) 459-5507,
email bclark@collegeofidaho.edu.<http://www.collegeofidaho.edu/campus/community/museum/>**** MUSEUM MONTHLY VOLUNTEER WORKDAYS**For the Workday Schedule see the Museum's NEW Event Web Page:
<http://www.collegeofidaho.edu/campus/community/museum/event.htm>

The Museum is open all day on Workday Saturdays, 8 AM until late afternoon. Enter via west basement door. We have a variety of Museum tasks that need volunteer assistance. We currently need someone to construct wooden bases for displays. We have tasks for students and non-students alike. We need volunteers to assume a variety of Museum duties and responsibilities. We have the following needs: Plywood, particle board, Masonite, 1x2" stock lumber, electrical fixtures, bookshelves for journals and funds for specific Museum projects.

We supply coffee and hot water for drinks as well as a taco lunch for volunteers. We usually have a brief research seminar at noon. The Museum collects aluminum for recycle. Please leave in Museum or contact Bill Clark (208-375-8605), John Keebaugh (208-459-5507), or Dr. Eric Yensen (208-459-5331).

Bill Clark

****COMING 2008-9 WORKDAY LUNCH SEMINARS**

December 6 Dr. Chris Walser - "The ecology of redband trout"

January 10

February 7

March 7

----- **GEOMORPHOLOGIST USES OJS** -----

Dr. Waite R. Osterkamp, Research Hydrologist with the US Geological Survey in Tucson, AZ, recently visited the Orma J. Smith Museum of Natural History, to use the Mollusk collection, according to Museum Director, William H. Clark.

Osterkamp was in Idaho to conduct field work for studies of the geomorphic history of the Snake River Basin. A major element in the research has been to use radiocarbon dates of fossil bivalves as a means of understanding when various processes and hydrologic changes occurred. The dates, however, are misleading owing to river water deficient in radiocarbon, which means that the shells of the bivalves too are radiocarbon deficient. A means to correct the dates is necessary. The Museum has supplied some of the mussel shells used in the research. So, the week was used to collect specimens from the river, both modern and fossil, for radiocarbon dating and to learn more about the two principal species that have lived in the middle Snake River -- *Gonidea angulata* and *Margaritifera falcata*. Osterkamp had the following to say about his visit and the Museum Collection: "For this latter objective, the Museum proved to be a wonderful resource. I was able

-- MUSEUM FUNDRAISER SUCCESSFUL

The August 9th Chocolate/Wine fund raiser event held recently at Bitner Vineyards, was very successful, according to William H. Clark, Director, Orma J. Smith Museum of Natural History. The event was held on a beautiful evening and hosted by Museum Board Member Dr. Ron Bitner and his wife, Mary, of Bitner Vineyards. The featured speaker was Dr. Patrick F. Fields (a.k.a. Doc Choc) who is also Curator of Paleobotany for the Museum. Pat traveled from Michigan to make the presentation, assist with the event, conduct some additional field work, and curate specimens in the Museum. The evening was based around the chocolate lecture followed by a tasting and wine pairing session. Later the results of the silent auction were announced. The event cleared over \$1,000 to help with Museum projects. Thanks to Pat and the Bitners for making this event such a success.



Pat Fields

Geomorphologist, continued.

to photograph classic specimens of the two species, which allows comparison to the samples that I have collected along the river. I was amazed at the huge collections that the Museum has, not just invertebrates, but many other plants and animals. In addition, the collection of minerals, lapidary, and related geologic

specimens (which I was also escorted through in a very hospitable manner) is world class. The reception that I was shown was very high class." The Museum collections are available to qualified researchers and the public by appointment.



NABS (www.benthos.org)

----- LOST LADYBUG PROJECT -----

An interesting project hosted by the Cornell Entomology Department:

http://instruct1.cit.cornell.edu/courses/icb344/Lost_Ladybugs.htm. The URL indicates this is in the course section of the web page so who knows how long it will be supported, but the topic of displacing native species is one of nationwide importance, so this effort may be a useful tool to support. From the web page:

"Over the past twenty years several native ladybug species that were once very common have become extremely rare (see details on the nine spotted ladybug pictured left and the two spotted too). During this same time several species of ladybugs from other places have greatly increased both their numbers and range. Besides being incredibly cool and charismatic ladybugs are also essential predators in both farms and forests that keep us from being overrun with pests (like aphids and mealybugs). In many areas the native ladybugs are being replaced by exotic ones. This has happened very quickly and we don't know how this shift happened, what impact it will have (e.g. will the exotic species be able to control pests as well as our familiar native ones always have) and how we can prevent more native species from becoming so rare."

See also: <http://hosts.cce.cornell.edu/ladybeetles/>

Barb Alexander

----- ANNOUNCEMENTS -----

Call for Papers/Abstracts/Invited Sessions Proposals for The 2nd International Symposium on Academic Globalization: AG 2009. It will take place in Orlando, FL, on 10-13 July 2009. (www.2009iisconferences.org/AG).

94th Annual Meeting of the Ecological Society of America, Albuquerque, NM, 2-7 August 2009
<http://www.esa.org/albuquerque>

----- WILD ABOUT LIFE -----

Deer Flat NWR's Wild About Life lecture series is looking for speakers. Upcoming dates are December 9th and January 13th, and probably more in the distant future. If you might provide a program please contact:

Mia Puopolo
PCC AmeriCorps Member
Deer Flat National Wildlife Refuge
13751 Upper Embankment Road
Nampa, Idaho 83686
208.467.9278
mia_puopolo@fws.gov

----- Summer, Continued. -----

about these insects, allowing her to convey subtle truths through art. A gaudily painted green with red flowers was chosen to advertise the show. I thought that this particular piece was the least attractive part of her art. The several videos were well done. A pile of giant rubber roach legs and body parts seemed to be inspired fantasy. For entomological entertainment, this show is worth seeing.

Dr. Al and Pat Gillogly hosted a second pig butt roast after the July Museum Day (IEG News 35:14). Fewer people came than last year, but it was again a pleasant gathering. Good food, great company, happy hosts and warm weather made the evening memorable.

Al spent much of his summer in Panama on two trips to collect passalid beetles and other gaudy insects. The rest of his summer was spent planning to go, organizing what he got when he returned, and recovering from illness acquired while down there.

Jim Ryan

----- ANCIENT ANT -----

Rabeling, C., Brown, J.M. and Verhaagh, M. 2008. Newly discovered sister lineage sheds light on early ant evolution. *Proceedings of the National Academy of Sciences* 105.39: 14913–14917.

Based on single specimen the authors describe a new species of ant, *Martialis heureka*, but were unable to place it in any of the extant or extinct subfamilies. From DNA and morphological analyses it appears closest to the Leptanillinae, and the authors erect a new subfamily, the Martialinae. The ant was collected from leaf litter in the primary tropical lowland rainforest of Brazil. Etymology of the "genus name refers to the unknown combination of aberrant morphological characters, which led Stefan P. Cover and Edward O. Wilson to the conclusion that this ant has to be from the planet Mars; hence, the genus name *Martialis* (gr.: 'of Mars' or 'belonging to Mars')". For more on this exciting discovery see the article cited above, and if you have trouble obtaining it contact your editor. You may find the New York Times article interesting and informative also: <http://www.nytimes.com/2008/09/18/science/18ant.html?partner=rssnyt&emc=rss>

----- INTERNATIONAL IPM -----

The Sixth International IPM Symposium, "Transcending Boundaries," will be held March 24–26, 2009 at the Oregon Convention Center, Portland, Oregon.

Conference Contact

Elaine Wolff

Program Director, Conferences & Institutes

University of Illinois at Urbana-Champaign

302 E. John St., Ste. 202

Champaign, IL 61820

217-333-2880

217-333-9561 (FAX)

ipmsymposium@ad.uiuc.edu

<http://www.ipmcenters.org/ipmsymposium09/>

----- NEW WORK ON COLEOPTERA -----

The following three volumes of a 5-volume "magnum opus" have appeared recently. The next volume should be out this December, with the last (bibliography) due in early 2009. These represent 25 years of painstaking work and contain a wealth of information, beyond that found on most catalogs, in 3125 pp. Unfortunately, they are expensive: Each volume costs € 120 plus postage, or a prepaid subscription costs € 495 plus postage of € 50 (prepaid subscription for all five volumes). Available from Pensoft Publishers: <http://www.pensoft.net/>

Bellamy, C.L. 2008. A world catalogue and bibliography of the jewel beetles (Coleoptera: Buprestoidea), Volume 1: introduction; fossil taxa; Schizopodidae; Buprestidae: Julodinae – Chrysochroinae: Poecilonotini. Pensoft, Sofia-Moscow, pp. 1-625

Bellamy, C. L. 2008. A world catalogue and bibliography of the jewel beetles (Coleoptera: Buprestoidea), Volume 2: Chrysochroinae: Sphenopterini through Buprestidae: Stigmoderini. Pensoft, Sofia-Moscow, pp. 626-1260.

Bellamy, C. L. 2008. A World Catalogue and Bibliography of the Jewel Beetles (Coleoptera: Buprestoidea). Volume 3: Buprestinae: Pterobothrini through Agrilinae: Rhaeboscelina. Pensoft, Sofia-Moscow, pp. 1261-1892.

R. L. Westcott, September 2008

----- MISCELLANEOUS LITERATURE -----

Aquatic Invasive Species News in a Nutshell. This newsletter, like its EPA precursor, focuses primarily on regional and aquatic issues, but it also contains terrestrial, national and international invasive events of interest. Contents do not necessarily reflect views of the PSMFC. We welcome any questions, comments, and news items; direct them to the nutshell editor Joan Cabreza (Joan_cabreza@psmfc.org). Go to [<http://www.aquaticnuisance.org/newsletters.php>] to access all past Nutshell issues 1-20.

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----- OBITUARY -----

Jackie Blackmer. "I am sorry to say that mom passed away last night [14 October 2008]. Her blood pressure began to drop at about 9:30 and by 11:15 she was gone. She went quietly, with her sister holding her hand. [note from Felisa]" Jackie died from the breast cancer she'd been fighting for years. From word of mouth I heard Jackie was down in Baja California when she died, making a final stand against the cancer with a new therapy not yet FDA approved.

For those of you who didn't know Jackie she began her entomological career in Parma as a technician and then continuing as a student of Guy Bishop. She later went to work for Marc Klowden in Moscow. After getting her Ph.D. from Ohio State she held several positions including an Extension position with the University of Idaho, again in Parma. I met Jackie during her first stint in Parma. She was a great friend and excellent scientist, and we will miss her. The following I have gleaned from people in AZ where Jackie lived and worked just before her death.

Paul Blom

Felisa (Jackie's daughter) is encouraging that donations should be made to Earthwatch or the [Susan G. Komen Foundation](http://www.cactusmamas.com/) (see <http://www.cactusmamas.com/>) instead of flowers/plants/etc. If people insist on sending cards, please have them send to Jackie's house where her son Brylan is now living. The address is 16630 S. Magenta Rd., Phoenix, AZ 85048. Please do NOT send flowers, plants etc. Instead please donate the amount you would spend to Earthwatch or Cactus Mamas.

To make an Earthwatch donation go to the [Earthwatch.org](http://www.earthwatch.org) homepage, click the tab that says "get involved", click "support us", scroll down a bit until you see the blue butterfly which is right next to the link that says "give a donation in honor of someone special", when you click this link it will direct you to a page where you can make a donation AND specify Jackie's name.



Jerry Baur. Jerry attended Cofl, Biology Department for a degree in Zoology and was a good friend of the Museum. Abstracted and modified from the Obituary: Dr. Gerald (Jerry) M. Baur, 64, died from Pancreatic Cancer on October 3. He was a dedicated surgeon with the highest integrity. Jerry attended The College of Idaho. He was a Senior Class Officer, a part of the Intercollegiate Knights and a valued member of the 'Yotes' baseball team. Jerry graduated in 1966 with a degree in Zoology. He earned a Medical Degree from Tulane University in 1970. He was dedicated to his family and to The College of Idaho. He always said that who he became was because of the firm foundation he

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----- BIOBLITZ 2008 -----

OJS Museum Assists Deer Flat NWR with Bioblitz 2008.

BioBlitz is an attempt to inventory all living things in an area over a short time frame. Friday-Saturday, 16-17 August over 80 folks assisted the US Fish and Wildlife Service, Deer Flat National Wildlife Refuge (at Lake Lowell) in documenting the species of plants and animals in the area. The Orma J. Smith Museum of Natural History is a co-sponsor of this event, according to Museum Director William H. Clark, that recorded over 300 species in a roughly 24 hour time frame. In addition, Museum Volunteer Dr. Paul Castrovillo discovered a new butterfly for this area and Bill and Mary Clark made observations and collections of ants which included an invasive species not previously known from here. In addition they recorded some interesting ant behavior including ant guests new to the area, one is perhaps an undescribed species (new to science). Most of the survey work was done Friday.

On Saturday over 400 of the public attended to view exhibits including the Museum exhibit hosted by Bill and Mary Clark and Cofl Biology student, Teresa Vail. The Museum took in \$116.00 at its gift shop. Thanks to Museum Volunteers Mary Clark, Teresa Vail, Paul Castrovillo, Elizabeth Dickey and Jim Ryan for representing the Museum well.

photos by Robert Allen



Teresa Vail and Mary Clark prepare insect exhibit for BioBlitz under the new Museum banner and logo developed by Cofl Communications.

----- TICK LORE -----

I recently received this message from one of those Word-of-Mouth, Folkloric sources. Have no idea if its worth anything, but I pass along for your thoughtful consideration and discussion. Barb Alexander

"For those of you who may live in tick country here's a neat way to get them off!

A School Nurse has written the info below -- good enough to share -- And it really works!! I had a pediatrician tell me what she believes is the best way to remove a tick. This is great, because it works in those places where it's sometimes difficult to get to with tweezers: between toes, in the middle of a head full of dark hair, etc. Apply a glob of liquid soap to a cotton ball. Cover the tick with the soap-soaked cotton ball and let it stay on the repulsive insect for a few seconds (15-20), after which the tick will come out on its own and be stuck to the cotton ball when you lift it away. This technique has worked every time I've used it (and that was frequently), and it's much less traumatic for the patient and easier for me. Unless someone is allergic to soap, I can't see that this would be damaging in any way. I even had my doctor's wife call me for advice because she had one stuck to her back and she couldn't reach it with tweezers. She used this method and immediately called me back to say, 'It worked!' "

Obituary, continued.

received from his education at The College of Idaho. In the early 1990's, Jerry made a full commitment back to The College of Idaho as an integral part of the Alumni Board, and was an avid supporter of C of I Athletics and various organizations on campus. From 1993 until 2005, he was a member of the Board of Trustees and named Chairman in 2006. In 2005 he received the Alumni Service Award. In the fall of 2007, Jerry enjoyed the honor of a lifetime from The College; Honorary Doctorate of Humane Letters. Memorial services for Jerry will be held at 3 p.m. on Friday, October 10 at the Jewett Auditorium on the campus of The College of Idaho in Caldwell. In lieu of flowers, Jerry would like donations to be made to The College of Idaho's Boone Scholarship Fund or the Langroise Trio Foundation. Please call Leslee Hoover at 459-5017.

----- FOR SCIENCE EDUCATORS -----

"We are trying to reach young people and spark their interest in wildlife, animals, zoos and aquariums. We want to familiarize them with the many opportunities for careers and volunteering opportunities in education, animal rehabilitation and conservation.

"We need your help to make your students aware of the Zoo and Aquarium Visitor website and how to receive a free monthly eNewsletter (<http://www.zandavisitor.com> and <http://www.zandavisitor.com/enewssubscription>)."

----- RECENT PUBS BY MEMBERS -----

Westcott, Richard L. 2008. A new species of *Xenorhipis* LeConte and of *Mastogenius* Solier from Mexico, with a discussion of *Chrysobothris ichthyomorpha* Thomson and its allies and notes on other Mexican and Central American Buprestidae (Coleoptera). *Zootaxa* 1929:47-68.

----- MISCELLANEOUS LITERATURE -----

Speight, M.R., Hunter, M.D. and Allan D. Watt, A.D. 2008. *Ecology of Insects* 2nd Edition. Fully revised and updated to include new topical study areas, the second edition of the successful text *the Ecology of Insects* provides a balanced treatment of the theory and practice of pure and applied insect ecology and its crucial importance to the planet. ISBN: 978-1-4051-3114-8.

----- NATURAL HISTORY COLLECTIONS -----

In cooperation with CollectionsWeb, the Research Coordination Network (RCN) for Building a National Community of Natural History Collections, ECN is trying to update and add information to an existing database of natural history collections. Please take the time to update the primary contact details for the collection with which you are associated.

For our purposes, I extracted the existing entomology collection records from CollectionsWeb's initial database. I created a very bare bones database and user interface for you to edit or add collection details. It is hopefully intuitive and easy to use. You can access the database from [our website](http://www.ecnweb.org) www.ecnweb.org or you can [follow this link](http://www.ecnweb.org/ecnsurvey/) (<http://www.ecnweb.org/ecnsurvey/>) directly to it.

Please go there to register or update the details for the collection you represent. Note that this is not a member registry. Please register each collection once and name a single primary contact.

Currently this is a registry for US and US territory collections only. Sorry. Eventually, CollectionsWeb plans to conduct a survey of natural history collections as part of the RCN mentioned above. The details from this database will be useful for implementing the survey. Also, I plan to eventually give this database a slicker interface, add the fields to make it international, and make it a permanent fixture on the ECN website. It would be a useful tool for researchers and collection managers. We can always add more fields and I am happy to discuss this with anyone who is interested.

One caveat, I put this together with little planning or testing and it may be buggy. I tested it on Windows OS with IE and Firefox successfully. I can't speak to its usability on Mac/Linux but the code is really basic and I am hoping the keeping it simple strategy will work in this case. Should the user interface throw up errors, please email me the error and what you were trying to do when the error arose. You can not delete collections already present, but email me if you note some collections that are now dated. [Michael Wall](mailto:mwall@sdnhm.org), mwall@sdnhm.org

----- ELECTRONIC PUBLICATIONS -----

[ZooKeys](http://pensoftonline.net/zookeys/index.php/journal)<http://pensoftonline.net/zookeys/index.php/journal>[ZooTaxa](http://www.mapress.com/zootaxa/)<http://www.mapress.com/zootaxa/>[Journal of Insect Science](http://www.insectscience.org/)<http://www.insectscience.org/>

----- IAS EVENT CLEARINGHOUSE -----

A web-based Clearinghouse of pertinent events taking place around the state -- in the areas of science, engineering, health and medicine, science education, and so on. The idea was that people could bookmark one address -- the IAS Clearinghouse -- and go there to look for events they might be of interest. Links within the list would then take them to more specific information. At the web site, you will find a schedule of conferences, public presentations and forums, workshops, museum programs, etc, broken down on a Regional basis. A final page displays events not located within the state. This last page is intended for the AAAS Annual Meeting (because the IAS is an affiliate), events taking place near the state borders, and national or international events where Idaho organizations might be playing a significant role (organizing a specific symposium, for example). The interim web site is at

----- USEFUL STUFF? -----

Ianni Butterfly Enterprises (<http://iannibutterfly.net/>), in addition to being a supplier of insects for collections they are a good source for insect mounting materials, especially pins.

BioQuip November specials: [Clear Vinyl Covers For Larval Trays & Larval Tray Carry Caddy](http://www.bioquip.com/specials/product_special.asp) (http://www.bioquip.com/specials/product_special.asp)

and the Book Special: [500 INSECTS: A Visual Reference, by Stephen A. Marshall](http://www.bioquip.com/specials/book_special.asp) (http://www.bioquip.com/specials/book_special.asp)

<http://musicofnature.com/>,
<http://www.musicofnature.com/songsofinsects/index.html>.

Clearinghouse, continued.

http://home.earthlink.net/~ias_biz/index.html. In the near future, you will also see a link to the IAS Clearinghouse from our main web site at <http://www.isu.edu/ias/>.

[Evan E. Filby](mailto:Evan.E.Filby@earthlink.net), ias_biz@earthlink.net

----- TREASURER'S REPORT -----

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Barb Alexander

Rtn: Paul Blom, Editor
Idaho Entomology Group Newsletter
1107 Grant Ave.
Prosser, WA 99350-1115