

IDAHO ENTOMOLOGY GROUP NEWSLETTER

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January 2009

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, used to cover costs of the bimonthly newsletter. The Newsletter is distributed in an electronic (pdf) form. If necessary a printed form can be provided for membership dues of \$10 / year. The print option is NOT available for non-domestic membership. 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 23rd 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. **2009 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@cableone.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 -----

- March
- 24 6th International IPM Symposium
 - 25 NW Sci Assoc 81st Annual Meeting
 - 29 Pacific Branch Entomol Soc of Amer, Annual Meet
- April
- 23 SW Association of Naturalists Annual Meeting
- August
- 2 Ecological Society of America Annual Meeting

----- EDITOR'S COMMENT -----

For clarification I will elaborate on my motion presented *in abstensia* at the last IEG Meeting. We have advertised our dues as covering the cost of the Newsletter. This cost has gone down through the years, and markedly through the ability to use electronic distribution. This has resulted in building a reasonable amount of money in our account, which hasn't been needed for distribution of the

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----- IEG MEETING -----

A business meeting of the Idaho Entomology Group was called to order by Jim Ryan at about 1930 h, following the 6 December Christmas party meal. Approximately eighteen persons were present.

Barb Merrill was not present, so no Treasurer's report was issued.

Paul Blom had emailed a proposal concerning dues and the newsletter to several I.E.G. members. In his absence his proposal was deemed **MOVED** by Paul Blom, **SECONDED** by Bob Chehey. This **MOTION**, condensed, was that: "The dues of \$5/year be abolished for membership in the Idaho Entomology Group. The Newsletter will be presented in electronic format to members of the I.E.G. Members wishing to receive a printed, mailed copy of the newsletter will pay \$10/year annual dues." With this motion open for discussion, Dave Ward explained how he saw that dues were useful. The I.E.G. might wish to support some activity at the botanic garden, or a public event associated with insects, or a project at the Smith museum or College of Idaho, using club monies. Our dues are minimal. Discussion from the floor revealed support for Dave's logic, and lack of support to abolish dues. Postage was acknowledged to be a significant consideration. A **VOTE** was called. In favor: none. Opposed: all. **MOTION DEFEATED**.

Ilse Schreiner then **AMENDED** the **MOTION**, **SECONDED** by Charles Baker, to read: "Members wishing to receive printed, mailed issues of the Newsletter will pay \$10. annual dues. Otherwise, dues

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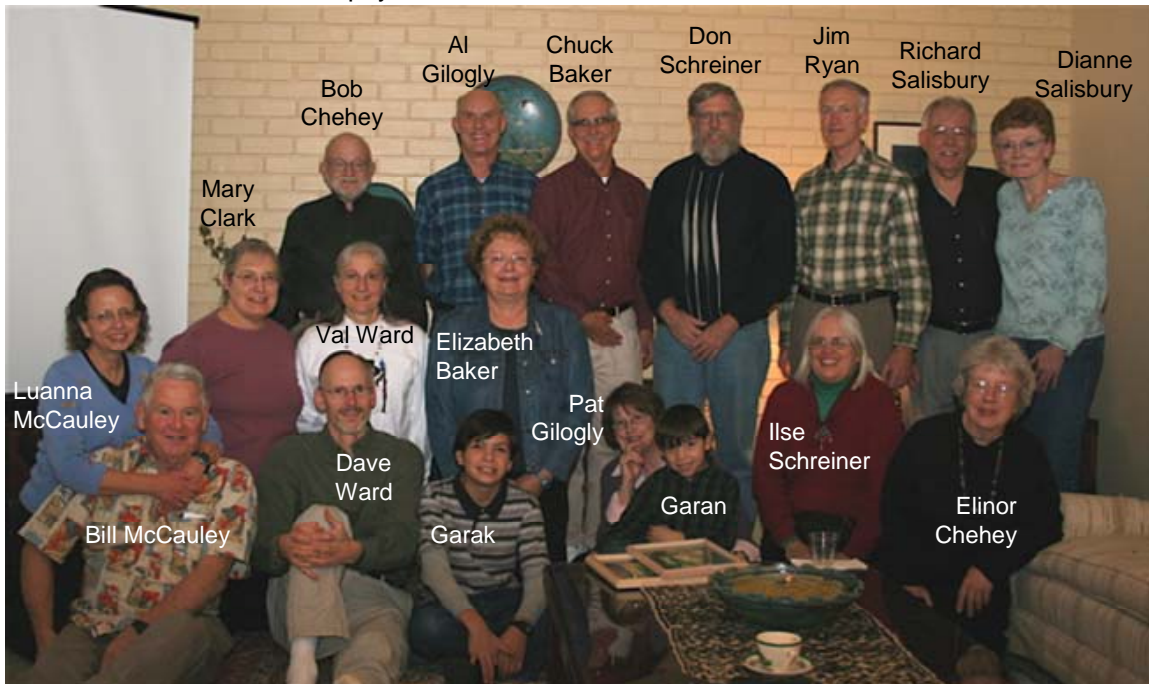
----- 2009 DUES -----

It is time for 2009 IEG dues. As passed in the last [IEG Meeting](#), the Newsletter is now considered an electronic publication. For those of you receiving a hardcopy of the Newsletter the dues have been increased to \$ 10 / year. If you wish to stay at \$ 5 / year please let me know and I will switch you to the electronic distribution. Dues should be sent to Barb Alexander, 2715 Snowflake Dr., Boise, ID 83706.

----- HOLIDAY PARTY 2008 -----

Dr. Alan and Pat Gillogly hosted the Idaho Entomology Group Holiday party on December 6 at their home for the third successive year. Approximately 20 people came to enjoy the potluck feast, and to share ideas. Great food in abundance, happy spirits, and relaxed company were the ingredients for an evening well spent.

Bill Clark was absent, being in Baja collecting insects. Barb Merrill was away inspecting art. Paul and Kathy Castrovillo expected to come, but a family illness required their attention at the last moment. All were missed, but held to be present in spirit. Craig and Kaye Baird were welcome surprises, although her declining health was the sad point of the evening. Val Ward was energized, having been recently released from employment at downsizing Micron. Now she is free to enjoy life as it comes, and be Dave's trophy wife.



Luanna and Bill McCauley are the guardians of Garan, 8 years old, and Garak, 13. They came as a family, adding a dimension to the evening. These kids were seriously well-behaved. Before dinner hostess Pat involved them with small tasks, and after the meal, to their obvious delight, she brought out Al's collection of musical instruments. Their musical talents sparked the interest of all. Bob Chehey also showed musical expertise. Christmas is about kids, and respectful kids are a boon to all.

For entertainment, Dave Ward and Al Gillogly presented slides of their summer adventures. Val Ward travelled with Dave, Chris, and her father to see Finland, the land of her ancestors. Numerous churches, lodges, museums and saunas later, they stopped in financially bankrupt Iceland, where a hot dog cost as much as a restaurant meal in Boise. Garan read Dave's printed

slide legends to Pat, who was astonished at this ability. This subarctic adventure re-enforced the positive value of our summer heat.

Al and Pat went to the rainforests of Panama with a small group of biologists. One member of this team provided Al with copies of the slides for his presentation. The group collected passalid and bark beetles, ants for Bill, moths for photographs, and night-flying black vespid wasps for horror stories. Tree climbing monkeys, waterfalls and birds brought stories to the scenery.

People drifted away slowly as the evening advanced, warmed by this excellent entry to the holiday season.

Jim Ryan

*pagans celebrate the winter solstice; the politically correct celebrate the Holiday Season; nostalgically I still celebrate Christmas, without any sense of religious exclusivity

----- IEG MEETING -----

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will remain \$5/year." Discussion followed. The VOTE was called. In favor: all. Opposed: none. MOTION CARRIED. Bill McCauley afterward offered that the motion ought to read that 'dues be raised to \$10/year. Members receiving the newsletter electronically will receive a \$5. discount on dues.' While this rewording was endorsed by those hearing it, a vote was not called.

A call was made for New Business from the membership. None being expressed, and Business being concluded, a call was made to ADJOURN.

Following the meeting, Al Gillogly and Dave Ward gave informative slide presentations.

Jim Ryan

----- 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 2009 LUNCH SEMINARS**

- Jan 10 John Keebaugh & Don Zaroban - "Introduction to Specify - the Museum's new database."
Feb 7 Margaret Stallknecht - "Wonderful World of Rocks and Gems with a hand's on show and tell"
Mar 7 Dr. Alan Gillogly - "Introduction to Back-Country Panama"
Apr 4 Howard Emry - "Geology and Vertebrate Paleontology of Pleistocene Deposits at American Falls Reservoir, Idaho."
May 2 Jan Summers Duffy - "Idaho Archaeology Month."
Jun 6 Dr. Paul Castrovillo - "Idaho's Most Distinctive Butterflies" and "Training for the Fourth of July Butterfly Count."
Jul 11 Kathy Hamlett - "Mayan site of Copan."
Aug 1 Dr. Don Mansfield - "Owyhee Flora Project."
Sep 5 Gwen-Alyn Hoheisel - "Walnut Twig Beetle/1000 Canker Disease."
Oct 3 Dr. Barbara Ertter - "American Iranian Botanical Program."
Nov 7 Amy Truksa - "Water on Mars, Past and Present."
Dec 5 Richard Salisbury - "Idaho land shells, Fresh water snails and a few Marine cousins."

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

We have \$445.50 in the bank with all bills paid.

Barb Alexander, 22 Jan 2009

----- EDITOR'S COMMENT -----

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Newsletter. So I thought we might switch from a dues-based to interest-based membership criterion and make the electronic version of the Newsletter available to anyone. I would hope our small financial needs of the group could be met by 'on request' contributions from involved members.

As Editor there were also two logistical considerations for opening up the membership status. 1) It has been our policy to carry delinquent members for a year past their valid dues status. I.e. this Newsletter should NOT be delivered to anyone only paid through 2007. We were losing a lot of membership through this attrition as they no longer received reminders of overdue dues. Through persistent reminders many delinquent members eventually got current. 2) I am able to mail 4 pages of paper for a stamp, approximately 7.5 pages of material. I was often delaying publication of an issue trying to attain at least 3 pages of paper to mail. As an electronic publication I will not have to consider length as an issue, and so will attempt to produce an issue monthly. In recent years we fell to bimonthly or even quarterly and that, in my opinion, lowers the value of the Newsletter as it is hard to distribute timely information.

Also, if we have the Newsletter as a privilege of membership I must restrict my distribution web page with a userid and password. Not insurmountable difficulty of course, but it has caused trouble for some members and certainly would be easier if it was openly available.

----- MEMBERS ON THE MOVE -----

Dave Ward is on the road from 31 January through 13 February with the College of Idaho's winter session ecology class in FL. He will be assisting the students with the entomological portion of their studies.

Bill and Mark Clark are in Big Bend National Park 11 February through 1 March to continue field work on their ant survey work for the Park.

John Keebaugh will fly to LSU to assist Victoria Bayless and the arthropod collection with Specify from 22 - 28 February.

----- OBITUARY -----

Susan B. Martin, member of the Idaho Chapter of the American Fisheries Society. Bill Clark thought several IEG members may have known Susan.

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

<http://www.colostate.edu/depts/bspm/museum/home.html>. [Two new publications are listed](#) -- Butterfly research in Boulder County, Colorado by Chu & Sportiello and Blister beetle of Colorado by Schmidt.

----- LITERATURE OF INTEREST -----

De Los Ríos, P, **Rogers, D.C.** and Rivera, N. *Branchinecta gaini* Daday, 1910 (Branchiopoda, Anostraca) as a bioindicator of oligotrophic and low conductivity shallow ponds in southern Chilean Patagonia. *Crustaceana* 81.9:1025-1034.

Rogers works with Ecoanalysts of Moscow fame.

Zaroban, D.W., Mulvey, M.P, Maret, T.R., Hughes, R.M. and Merritt, G.D. 1999. Classification of species attributes for pacific northwest freshwater fishes. *NorthwestScience* 73.2:81-93.

Erwin, TL and Pearson, DL 2008. A Treatise on the Western Hemisphere Caraboidea (Coleoptera). Their classification, distributions, and ways of life. Volume II (CARABIDAE - NEBRIIFORMES 2 - CICINDELITAE), ISBN 978-954-642-444-0, 165x240, color plates, index, references.

Price EURO 95.00. [ORDER ONLINE](http://pensoft.net/newreleases/14239.htm) at <http://pensoft.net/newreleases/14239.htm> OR send order to orders@pensoft.net OR fax +359-2-8704282

A synthesis of the taxonomy, distributions, and ways of life of the ground beetles (Coleoptera: Carabidae) dwelling in the Western Hemisphere. Under each taxon account, the historical taxonomy, distribution at the country and/or state/province level, and way of life, including Macrohabitat, Microhabitat, Dispersal abilities, Seasonal occurrence, and Behavior are elaborated. Selected references for each taxon are given in these categories and an extensive bibliography of Tiger Beetle references for the Western Hemisphere is presented. The sections on way of life include the following: Macrohabitat summary, altitudinal distribution in meters, as well as a general altitudinal classification, habitat/microhabitat details, seasonality, and under Behavior, there are notes on diel activity, adult/larval hibernation, prey items, immatures, over wintering, and other pertinent notes presented. Details of dispersal power, or the capability of dispersal, i.e. wing condition, flight data, walking, running, swimming, and climbing records, as far as is known, is included. This work, planned as a seven-volume companion to Larochelle & Lariviere (2003), will be an indispensable tool or anybody interested in ground-beetles per se and their natural history, as well as their role in the environment and importance to agriculture, conservation, forestry. National, regional, and local libraries will find this set of tools well used due to the incredible amount of information that is summarized at these geographical levels. This work follows a modified classification of Erwin (1984), and the nomenclature of Lorenz (2005), as updated on a six-month cycle by Erwin (e-data base, NMNH, Smithsonian Institution) from recently published literature.

Curcic, S. B. (Ed.) 2008. The diversity of Coleoptera of the Fruska Gora National Park. Part one. Fruska Gora National Park and Directorate of Forests – Ministry of Agriculture, Forestry, and Water Management of the

Republic of Serbia. Novi Sad. 293 pages, with color photos of the beetles, figures, tables, smooth paper, hard cover, color slip cover. In English & Serbian. 50 EUR + post charge.



If you are interested in the publication, please contact me to send you instructions for payment.

Dr. Srecko Curcic, Asst. Prof., Centre for Biospeleology of Southeast Europe and Institute of Zoology, Faculty of Biology, University of Belgrade, Studentski Trg 16, 11000 Belgrade, Serbia. [E-mail: srecko.curcic@yahoo.com](mailto:srecko.curcic@yahoo.com)

----- ASPIRATOR IMPROVED -----

BioQuip has modified the Model 1135C alcohol aspirator. An additional hole in the metal tube inside the aspirator has been made to increase air flow through the aspirator. Adjustments have also been made to allow for the on-board storage of a vial cap below the vial when the aspirator is in use [an idea originally suggested by Paul Blom].



Bill Clark tests the new aspirator during his ant research at Big Bend National Park in 2008, here collecting from a *Solenopsis xyloni* nest. Bill gives the modified tool a Big Thumbs Up!

----- SHORELINE -----

The winter/spring issue of Shoreline, the Deerflat Refuge Newsletter, is available to view online.

To view the newsletter: [Visit the refuge website](http://www.fws.gov/deerflat/shoreline.htm) at <http://www.fws.gov/deerflat/shoreline.htm>. The file may take some time to download if you have a dial-up connection. deerflat@fws.gov.

----- MEETINGS -----

Pacific Branch Entomological Society of America
93rd Annual Meeting. 29 March - 1 April 2009, Bahia
Resort Hotel, San Diego, California. The pre-registration
deadline is Jan 31. [Meeting information and registration](#)
at http://groups.ucanr.org/_2009_PBESA/.

The **NW Science Association 81st Annual Meeting** will
be held in Seattle at the University of Washington 25-28
March 2009. Check the [web site](#) for additional info:
[http://www.vetmed.w8u.edu/org_NWS/Files/2009%20me
eting/2009%20meeting%20announcement.htm](http://www.vetmed.w8u.edu/org_NWS/Files/2009%20meeting/2009%20meeting%20announcement.htm). Your
editor downloaded their pdf announcement and
registration form.

[Email pblom@BioDataManagement.com](mailto:pblom@BioDataManagement.com) for a copy.

The **6th International IPM Symposium**, "Transcending
Boundaries," will be held March 24–26, 2009 at the
Oregon Convention Center, Portland, Oregon.

Registration and Accommodations information has
been added to the web site. [Online registration](#) will be
available. <http://www.ipmcenters.org/ipmsymposium09/>

Program. An optional opening reception at the World
Forestry Center is being arranged for Monday, March 23.
There will be a separate registration fee for this activity.

The Symposium plenary session begins at 8:00 AM
on Tuesday, March 24. After the awards luncheon,
concurrent sessions will be held in the afternoon,
followed by a poster session and reception. Concurrent
sessions will fill the day on Wednesday, followed by
another poster session and reception. The symposium
will end at noon on Thursday, March 26.

Conference Contact. Elaine Wolff, Program Director,
Conferences & Institutes, University of Illinois at Urbana-
Champaign, 302 E. John St., Ste. 202, Champaign, IL
61820. ipmsymposium@ad.uiuc.edu 217-333-2880,
FAX: 217-333-9561.

94th Ecological Society of America Annual Meeting.
Albuquerque, New Mexico, 2 - 7 August 2009. Deadline
for Submissions: February 26, 2009. We invite
submission of abstracts for contributed oral and poster
presentations at the 2009 ESA Annual Meeting. The
meeting will be held in the Albuquerque Convention
Center. Abstracts that address the meeting theme,
"Ecological Knowledge and a Global Sustainable
Society", are especially encouraged, but submissions
may address any aspect of ecology and its applications.
[For more information and to begin the submission
process, please go to](#)
http://esa.org/albuquerque/call_abstracts.php.

The **Southwestern Association of Naturalists** annual
meeting, 23-25 April 2009, Nuevo León, México. [Go to](#)
<http://www.biosurvey.ou.edu/swan/> for more info and
registration.

----- FOLKLORIC FODER -----

True, Bogus or Entertainment?

It might be wise to carry a penny in your pocket while
working in the yard..... BEE STINGS !

A couple of weeks ago, I was stung by both a bee and
hornet while working in the garden. My arm swelled up,
so I went to the doctor. The clinic gave me cream and an
antihistamine. The next day the swelling was getting
progressively worse, so I went to my regular doctor. The
arm was infected and needed an antibiotic. The doctor
told me - 'The next time you get stung, put a penny on
the bite for 15 minutes'. That night, my niece was stung
by two bees. I looked at the bite and it had already
started to swell. So, I taped a penny to her arm for 15
minutes. The next morning, there was no sign of a bite.
We decided that she just wasn't allergic to the sting.
Soon, I was gardening outside. I got stung again, twice
by a hornet on my left hand. I thought, here I go again to
the doctor for another antibiotic. I promptly got my
money out and taped two pennies to my bites, then sat
and sulked for 15 minutes. The penny took the sting out
of the bite immediately. In the meantime the hornets
were attacking, and my friend was stung on the thumb.
Again the penny. The next morning I could only see the
spot where the hornet had stung me. No redness, no
swelling. My friend's sting was the same; couldn't even
tell where she had been stung. She got stung again a
few days later upon her back---cutting the grass! And the
penny worked once again. Wanted to share this
marvelous information in case you experience the same
problem. We need to keep a stock of pennies on hand.
The doctor said that the copper in the penny counteracts
the bite. It definitely works!

----- BIOQUIP SPECIALS -----

[January Book Special:](#)

Klotz, K., Hansen, L., Pospischil, R. and Rust, M. Urban
ants of North America and Europe: Identification, biology,
and management.

http://www.bioquip.com/specials/book_special.asp

[January Product Special:](#)

Economy Pinning Boards (Blue Boards).

http://www.bioquip.com/specials/product_special.asp

----- CARABOIDEA EXCHANGE -----

I am a scientist from Germany and am looking for
exchange of ground beetles and related literature. I can
offer many species of ground beetles and also other
Insects from Europe and Palaearctis. I'm also interested
in buying undetermined and unmounted Caraboidea
material. My main interest are Lebnini, especially
Microlestes and *Syntomus*. [Please sent me your offers](#)
at brunkin@web.de. Thank you very much: Dr. Ingo
Brunk, Paschkystrasse 6, 01159 Dresden, Germany

----- STATE HERITAGE PROGRAMS -----

Hello adjacent State Heritage Programs!

We all know that good Heritage 'ologists are in limited supply, and I wanted to be sure that if you know of any potential recruits floating around out there we have a chance at keeping them in our geographic neighborhood.

Everyone should feel free to contact me directly with any questions about the position. And you may want to alert your own invert 'ologists, because I suspect our eventual hire will be bothering them with many, many questions once they get on board!

Dr. Gary P. Beauvais, Director
Wyoming Natural Diversity Database
University of Wyoming
Department 3381 // 1000 E. University Ave.
Laramie, Wyoming 82071
EMAIL: beauvais@uwyo.edu

----- GENERAL INTEREST -----

Ice beetles impacted by climate change

<http://www.enn.com/wildlife/article/38767>.

The long awaited US showing of "The Incredible Journey of the Butterflies" will be aired on Tuesday, January 27, 2009 at 8 pm on PBS. !!! [Lots of info at their site](http://www.pbs.org/wgbh/nova/butterflies/) at: <http://www.pbs.org/wgbh/nova/butterflies/>

The year 2009 marks the 200th anniversary of the birth of Charles Darwin and also the 150th anniversary of his seminal work, *On the Origin of Species*. Several WSU colleagues and I have organized a series of special events, Feb 17-20, honoring this dual anniversary. All of the events will occur on the Pullman campus and are free and open to the public. You can read more about the events at [this website](http://ipem.anth.wsu.edu/darwinweek/index.html):

<http://ipem.anth.wsu.edu/darwinweek/index.html>

Please send this link to your friends and colleagues both at WSU and UI, as well as to others you think might be interested. Wednesday evening keynote address will be given by Pulitzer Prize winner, Edward Humes. I was fortunate to spend time with him in October, and I think you'd enjoy his book, *Monkey Girl*, which tells the story of the 2005 trial in Dover, PA concerning the teaching of intelligent design as an alternative to evolutionary theory. The Bookie will have a book signing before and after Ed's talk on the 18th.

Carol Anelli, Department of Entomology, WSU Pullman

----- WSU SEMINARS -----

For those of you who might be in Pullman and attend one of the WSU Entomology Seminars this spring:

Jan 30 – "The chemical ecology of aphid-vectorred viruses: collision or collusion?", Sanford Eigenbrode, U Idaho Entomology

Feb 6 – "Wild relatives of neolithic founder crops: source of insect-resistant germplasm", Steve Clement, USDA-ARS Pullman.

Feb 13 – REC-MAG* seminar: "Integrating research and extension to help WA agriculture", Doug Walsh, WSU-Prosser Entomology

Feb 20 – Proposal seminar: "The most poplar guy at WSU: my life among the trees" Andrew Rodstrom, PhD student, WSU-Pullman Entomology

Feb 27 – Proposal seminar: "The insulin receptor in the control of insect body size", Laura Hahn, PhD student (mentor: Lavine), WSU-Pullman Entomology

Mar 6 – "Benjamin Dann Walsh: correspondence with Darwin and contributions to his evolutionary theory" Carol Anelli, WSU-Pullman Entomology

Mar 13 – BUGSS speaker**: "Midge Madness! Quantifying linkages between lake and land", Claudio Gratton, Department of Entomology, University of Wisconsin-Madison

Mar 27 – BUGSS speaker: "Moth pheromone evolution: established paradigms and a dearth of empirical support", Jeremy Allison, Department of Entomology, Louisiana State University (Host: Jeb Owen)

Apr 3 – BUGSS speaker**: "Integrated Pest Management approaches for the prevention of tick-borne diseases", Joe Piesman, Colorado State University

Apr 10 – Exit seminar: "Fear and loathing in diverse communities", Shawn Steffan, PhD student (mentor: Snyder), WSU-Pullman Entomology

Apr 17 – Proposal seminar: "Characterizing components of the pheromone biosynthesis pathway in codling moth", Steven Weaver, MS student (mentor: Lavine), WSU-Pullman Entomology

Apr 24 – EP Catts speaker: "Biological control of invasive species", Mark Hoddle, Department of Entomology, University of California – Riverside.

May 1 – Proposal seminar: "Stop and smell the flowers: attracting hoverflies to Washington apple orchards", Lessando Gontijo, PhD student (mentor: Beers), WSU-Wenatchee Entomology

May 8 – Exit seminar: "Does predator density impact predator diversity effects?", Gretchen Snyder, PhD student (mentor: Snyder), WSU-Pullman Entomology

**Talk will be held at U Idaho

*REC-MAG = Research and Extension Center faculty Meet and Greet

BUGSS = Bi-University Guest Seminar Series