


# ENTOMOLOGICAL COLLECTIONS NETWORK

ANNUAL MEETING  
INDIANAPOLIS  
DECEMBER 9-10, 2006

- 
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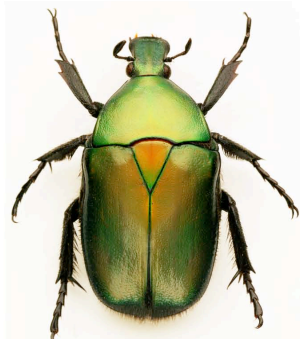
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*W*elcome to the 2006 Annual Meeting of the Entomological Collections Network in Indianapolis. Thank you for attending - we hope you'll find this year's presentations and resulting discussions informative.

*We would also like to extend a special thanks to the generous sponsors who have helped us fund this year's meeting:*

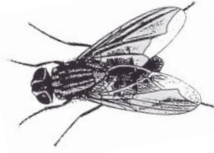
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*Sincerely,*  
*Andrew Smith*  
*Anthony Cognato*  
*Christopher Marshall*



# PROGRAM OF EVENTS



**SATURDAY, December 9<sup>th</sup>, 2006**

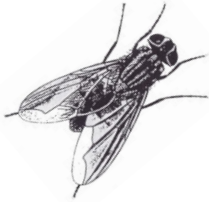
7:30am **Reception-**

Crowne Plaza Hotel. room: Victory Station (A-C)

Coffee, Juice & Refreshments will be available until the morning Break

8:20am **Welcome and Introduction**

8:35am **Michael Caterino** - Santa Barbara Museum of Natural History  
*The California Beetle Project: Data Sharing and Management*



Among its goals, the California Beetle Project aims to provide a complete online inventory and specimen level database of California's beetles. The SQL-server based platform developed to accomplish this will be discussed and demonstrated. The database is live at <http://www.sbnature.org/calbeetles>

9:00am **John Oswald** - Texas A&M University

*The Bibliography of the Neuropterida Project: Practical Lessons in the Development of a Digital Library*

9:25am **David Shorthouse** - University of Alberta

*The Nearctic Spider Database: Shoestrings to Bootstraps*

Curators & collectors contribute records and peer-reviewed species pages via Web 2.0- and taxonomically-driven applications, thus building an organic, enthusiastic community with broad outreach and resource-sharing potential

9:50am – 10:05am

**Break**



**SATURDAY, December 9<sup>th</sup>, 2006**

10:10am **Derek Sikes** - University of Alaska Museum  
*The Birth of the University of Alaska Museum  
Entomology Collection*

Description of the 6 year old Entomology collection at the University of Alaska Museum in Fairbanks and an introduction to a powerful specimen database system, ARCTOS, that is being jointly developed between the University of Alaska and the University of California at Berkeley.



10:30am **Ed Riley** - Texas A&M University  
*Specimen Data Capture in the Texas A&M  
University Insect Collection: Past – Present– Future*

10:50am **Dmitry Dmitriev** - Illinois Natural History Survey  
*3I: Online Virtual Taxonomic Revisions*

Presentation about 3I software package designed for creation and web-publication of interactive keys, taxonomic and specimen level databases. The program and example databases are available from the web-site: <http://ctap.inhs.uiuc.edu/dmitriev/>.

11:10am **Katja Seltmann** - MorphBank Representative  
*New Collaborative Tools in MorphBank (www.  
morphbank.net): Image Annotations, Collections,  
and Future Developments*

An overview of the recent developments in the MorphBank project including new tools for using images in collaborative projects and the ability to ‘publish’ images in collections for linking to manuscripts, Web pages and other online publications. Some of the tools presently under development will be outlined, including the ability for MorphBank users to create phylogenetic character state annotations, which will automatically populate phylogenetic character matrices based on this information.



11:30am **Norm Johnson** - Ohio State University

*Taxonomic Databases Working Group*

Report on the 2006 meeting of the Taxonomic Databases Working Group held in St. Louis, MO, 15-21 Oct.: the new TDWG infrastructure, data standards and working groups, and globally unique identifiers.

11:50am – 1:00pm **Lunch**

1:15pm **Colin Favret** - Illinois Natural History Survey

*Collection Profiling to Inform Funding Decisions; It's Not Just for Collections Management Any More*

A method is described to quantify and compare the health of various parts of natural history collections across an institution. The products of the method will assess collection management priorities as well as give administrators a tool to make funding decisions.

1:40pm **Alma Solis** - USDA

*APHIS Permitting Board of Advisors*

This board was created in June 2006 to improve communication between APHIS and the user community. It is composed of representatives from other government agencies such as Homeland Security and public organizations such as the Entomological Society of America.

2:00pm **Gail Kampmeier** - Illinois Natural History Survey

*Getting Entomologists to the Table: Participation in & Awareness of GBIF's Programs*

Through its cooperators, GBIF (gbif.org) is working to provide "digital access to primary scientific data for policy- and decision-makers, research scientists, and the general public all around the world." It works closely with standards groups such as TDWG (Taxonomic Databases Working Group), but there is an increasing concern that the standards that we will be expected to implement in the recording and sharing of data are being driven by the IT community with less and less input from the bench-level scientists, among them us entomologists. As curators of the largest groups of specimens, entomologists need to be at the table, aware of and contributing to these discussions.



2:20pm **Bill Warner** Central Life Sciences

*Possible role of IGRs in Museum Pest Control*

With most of the potential chemical tools for pest control in entomology collections now gone or in the process of being eliminated, finding new tools that provide residual protection against specimen-damaging infestations is imperative. This talk provides an overview of the “museum market” issues from the industry point of view, and a possible role for juvenile hormone analogs in museum pest control.



2:40pm – 2:55pm

**Break**

3:00pm **Bob Anderson** - Canadian Museum of Nature

*The Nature Discovery Fund: Promoting Taxonomy or Selling Scientific Names?*

A review of the global programs offering to name species in return for monetary contributions. Benefits, pitfalls of this strategy are discussed based on experience with Canadian Museum of Nature’s Nature Discovery Fund.

3:20pm **Andrew Polaszek** - International Commission on Zoological Nomenclature, **Richard Pyle** - Bishop Museum & **Doug Yanega** - U. C. Riverside

*Animal Names for All - ICZN, ZooBank, and the New Taxonomy*

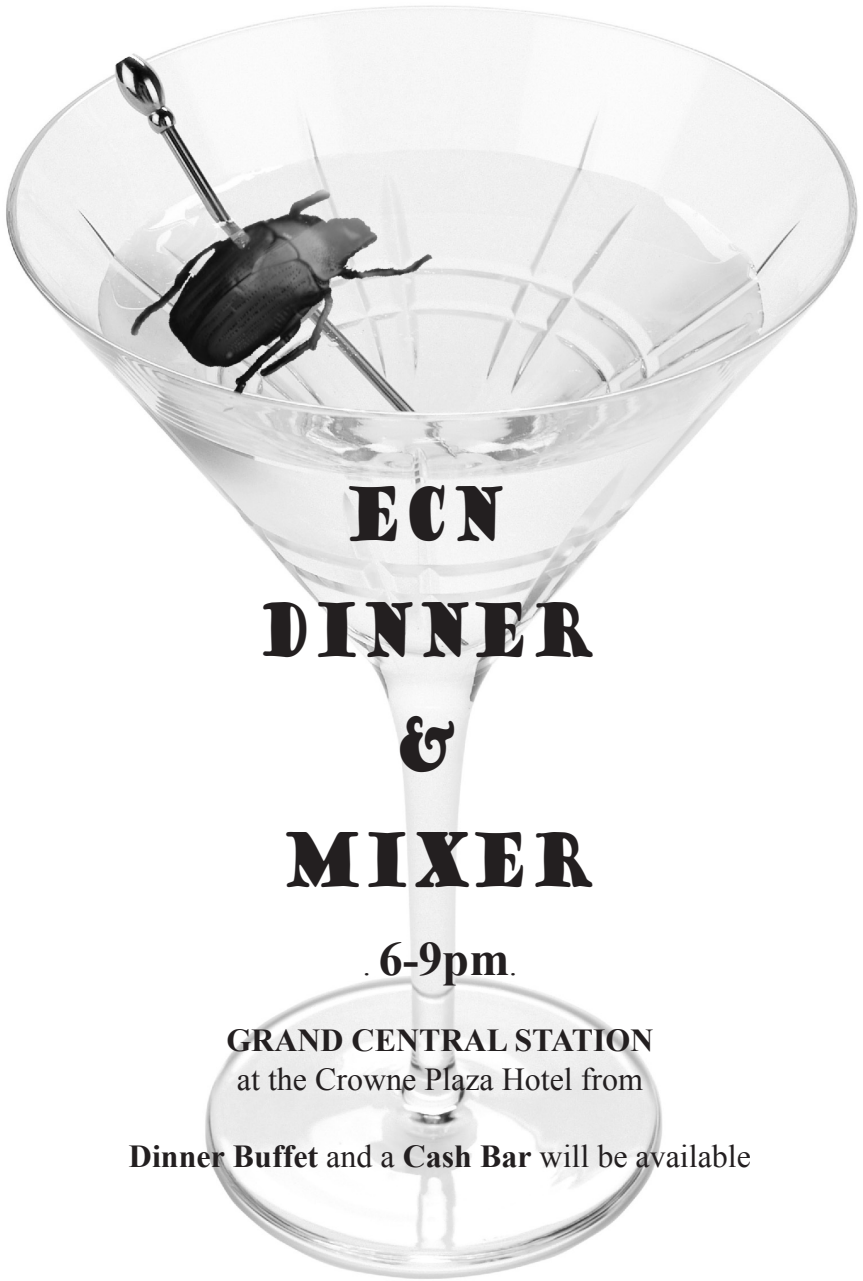
3:55pm **Doug Yanega** - U. C. Riverside

*The future of taxonomic publication: cutting the Gordian Knot?*

4:25pm **Panel/QA Discussion: Nomenclature & Taxonomic Publications**

5:00pm **Concluding remarks - Saturday meeting adjourned**





**ECN**

**DINNER**

**&**

**MIXER**

**. 6-9pm.**

**GRAND CENTRAL STATION**  
at the Crowne Plaza Hotel from

**Dinner Buffet and a Cash Bar will be available**



**SUNDAY, DECEMBER 10<sup>th</sup>, 2006**

8:00am **Introduction**



8:10am **Eric Day** - Virginia Tech

*Update on the Status of the Virginia Tech Insect Collection*

8:25am **Zack Falin** - University of Kansas

*KU Move and Overview of New Facilities*

8:45am **Christopher Marshall** - Oregon State University

*Beetles of the Pacific Northwest: the Legacy of Melville Harrison Hatch*

An introduction to the Oregon State Arthropod Collection, highlighting our recent initiative to curate our Coleoptera holdings.

9:05am **Victoria Bayless** - Louisiana State University

*The Louisiana State Arthropod Museum: Our Drawers Runneth Over*

A historically significant insect collection for the south central US has also grown into an internationally significant collection for Coleoptera

9:25am **Akito Kawahara & Soowon Cho** - U. of Maryland

*DNA and RNA Preservation: Acetone, Ethanol, or Glycol? Storage Conditions for Insect Molecular Systematics Collections*



9:45am – 10:00am

**Break**



- 10:05am **Anthony Cognato** - Michigan State University  
*Current State of the A.J. Cook Arthropod Research Collection*
- 10:25am **Daniela Ramírez** - Universidad Autónoma de Baja California  
*The Insect Collection in Baja California, México: 10 Years in the Making*  
Description of the first, formal insect collection in Baja California, Mexico. The collection and facilities at CICESE are described and suggestions for ways to help are given
- 10:45am **Michael Wall** - San Diego Natural History Museum  
*Warts and All: Whatever Happened to the Entomology Collection at SDNHM?*  
The San Diego Natural History Museum has exceptionally strong entomological collections for southernmost California and the Baja peninsula. However, inadequate and interrupted staffing over the past 15 years has resulted in an unruly collection in need of serious management. The Entomology Department is currently using an online collection profiling system to assist with collection management while increasing the collection's online presence with interested end-users.
- 11:05am **Presentations Concluded**
- 11:15am **Business Meeting**





**Precious  
little  
survived the  
Impact of 2058.**

But once a great city thrived here.  
And a museum. Shattered columns,  
fractured statues and fragmentary  
artifacts tell us so. Not much to go on.

But what's this?

"We've discovered another!" we cheer.  
Eagerly we unseal it, confident marvelous  
treasures await. Securely nestled inside.

Butterflies. Brilliantly beautiful. Fearfully  
fragile. And wholly intact. Imagine!

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produced this safe-guarding wonder.  
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# ECN 2006 DIRECTORY

IF you wish to change, add or remove your contact information for next year's 2007 ECN directory - please contact: Chris Marshall, christopher.marshall@oregonstate.edu.

---

**Acciaratti, Bob** - USDA Forest Service, 180 Canfield St., Morgantown, WV, 26505 USA. phone: (304) 285-1547; racciaratti@fs.fed.us.

**Anderson, Bob** - Canadian Museum of Nature, P.O. Box 3443, Station D, Ottawa, Ontario, K1P 6P4 CANADA. phone: (613) 364-4070; randerson@mus-nature.ca

**Ball, George** - University of Alberta - Dept of Biological Sciences, Edmonton, Alberta, T6G 2E9, CANADA. - phone: (780) 492-2084; gball@ualberta.ca.

**Ball, Kay** - 8108 138th St. - Edmonton, Alberta T5R 0C9, CANADA. phone: (780) 483-4951.

**Barnes, Jeff** - University of Arkansas, 319 Agriculture Bld, Department of Entomology, Fayetteville, AK 72701 USA. phone: (479) 575-4795; jbarnes@uark.edu

**Barney, Robert** - Kentucky State University, 400 E. Main St., Frankfort, KY 40601 USA. phone: (502) 597-6178; robert.barney@kysu.edu.

**Barr, Cheryl** - Essig Museum of Entomology UCB, 201 Wellman Hall, #3112, Berkeley, CA 94720 USA. phone: (510) 643-0804; cbarr@nature.berkeley.edu.

**Bayless, Victoria Mosley** - Louisiana State Arthropod Museum, Department of Entomology, Louisiana State University, 402 Life Science Bldg, Baton Rouge, LA 70803, USA. phone: (225) 578-1838; vmosele@lsu.edu.

**Bellamy, Chuck** - California Dept of Food & Ag, Plant Pest Diag Center, 294 Meadowview Road, Sacramento, CA 95832 USA. phone: (916) 262-1163; cbellamy@cdfa.ca.gov.

**Blom, Paul** - USDA-ARS, 24106 N. Bunn Road, Prosser, WA 99350-9687 USA, 509-788-0181, pblom@BioDataManagement.com

**Boring, Andy** - University of Kentucky, S-225 Agriculture Science Center North, Lexington, KY 40546-0091 USA, phone: (937) 423-3678, anyd.boring@uky.edu.

**Bouchard, Pat** - Canadian National Collection of Insects, 960 Carling Ave, Ottawa, Ontario, K1A 0C6 CANADA. phone: (613) 759-7510, bouchardpb@agr.gc.ca.

**Brabant, Craig** - University of Wisconsin, Madison, 1630 Linden Drive, Rm 445, Madison, WI 53706 USA. phone: (608) 262-2078, brabant@entomology.wisc.edu.

- Brambila, Julieta** - USDA-APHIS-PPQ, 1911 SW 34th St., Gainesville, FL 32608 USA. phone: (352) 281-0428, julieta.brambila@aphis.usda.gov.
- Branham, Marc**, - University of Florida, Department of Entomology, Natural Area Drive, Gainesville, FL 32611-0620 USA. phone: (352) 392-1901,ext141, MABranham@ifas.ufl.edu.
- Brower, Andrew V. Z.** - Middle Tennessee State University, Murfreesboro, TN 37132 USA, 615-898-2064, abrower@mtsu.edu.
- Bybee, Seth**, University of Florida, 1236 NW 30 Ave, Gainesville, FL 32609 USA, 352-372-8347, seth.bybee@gmail.com.
- Cameron, Stephen**, Brigham Young University, Provo, UT 84602 USA, 801-422-1396, stephen\_cameron@byu.edu.
- Cano, Enio B.**, Universidad del Valle de Guatemala, , Apartado 82, Guatemala, GUATEMALA , 502-364-0336 ext. 40, ecano@uvg.edu.gt.
- Carpenter, Jim**, American Museum of Natural History, Central Park West at 79th St., New York, NY 10024 USA, 212-769-5611, carpente@amnh.org.
- Caterino, Michael**, Santa Barbara Museum of Natural History, 2559 Puesta del Sol Rd, Santa Barbara, CA 93105 USA, 805-682-4711x151, mcaterino@sbnature2.org.
- Chaboo, Caroline**, American Museum of Natural History, Dept Invertebrate Zoology, Central Park West at 79th St., New York, NY 10024-5192 USA, 212-313-7784, chaboo@amnh.org.
- Chamorro-Lacayo, Lourdes**, University of Minnesota, 1980 Folwell Ave, 219 Hodson Hall, St. Paul, MN 55108 USA, 612-624-9235, cham0138@umn.edu.
- Chatzimanolis, Stelios**, Santa Barbara Museum of Natural History, 2559 Puesta del Sol Rd., Santa Barbara, CA 93105 USA, 805-259-7598, scgatznuabikus@sbnature2.org.
- Clark, Shawn**, Monte L. Bean Museum, Brigham Young University, Provo, UT 84602 USA, 801-422-6356, shawn\_clark@byu.edu.
- Cline, Andrew**, CDFA-PPDC, 3294 Meadowview, Sacramento, CA 95832-1448 USA, 916-262-1100, acline@cdfa.ca.gov.
- Cognato, Anthony** , A.J. Cook Arthropod Research Collection, Dept. of Entomology, Michigan State University, 243 Natural Science Bldg., East Lansing, MI 48824 USA, 517-432-2369, cognato@msu.edu.
- Colby, Julia**, University of Nebraska, W-436 Nebraska Hall, Univ of Nebraska, Lincoln, NE 68588-0514 USA, 402-472-2664, jcolby2@bigred.unl.edu.
- Dahlem, Greg**, Northern Kentucky University, Dept of Biological Sciences, Highland Heights, KY 41099 USA, 859-572-6638, dahlem@nku.edu.

- Davidson, Robert** - Carnegie Museum of Natural History, 4400 Forbes Ave, Pittsburgh, PA 15213-4080 USA. phone: (412) 688-8667; davidsonr@carnegiemnh.org.
- Day, Eric** - Virginia Tech, Entomology Dept., Price Hall, Blacksburg, VA 24061 USA. phone: (540) 231-4899; idlab@u7.edu.
- Deans, Andy** - Florida State University, School of Computational Science, 400 Dirac Science Library, Tallahassee, FL 32306 USA. phone: (850) 645-2788; adeans@scs.fsu.edu.
- DeWalt, Ed** - Illinois Natural History Survey, 1816 S. Oak St, Champaign, IL 61820 USA. phone: (217) 244-7515; edwalt@inhs.uiuc.edu.
- Dietrich, Chris** - Illinois Natural History Survey, 1816 S. Oak St., Champaign, IL 61820 USA. phone: (217) 244-7408, dietrich@inhs.uiuc.edu.
- Djernaes, Marie** - University of Alberta, 11015 83rd St. #307, Edmonton, Alberta, T5H 1M4, CANADA. phone: (780) 423-3186, djernaes@ualberta.ca.
- Dmitriev, Dmitry** - Illinois Natural History Survey, 1816 S. Oak St, Champaign, IL 61820 USA. phone: (217) 244-9578, dmitriev@inhs.uiuc.edu.
- Dole, Stephanie** - Michigan State University, Department of Entomology, 243 Natural Science, East Lansing MI 48824 USA; steph249@msu.edu.
- Dorchin, Netta** - Bucknell University, Department of Biology, Lewisburg, PA 17837 USA. phone: (570) 577-1142, ndorchin@bucknell.edu.
- Douce, G. Keith** - University of Georgia, PO Box 748, 4601 Administration Bldg, Tifton, GA 31794 USA. phone: (229) 386-3298, kdouce@uga.edu.
- Eaton, Eric** - 5201 E. Second St, C-4, Tucson, AZ 85711-1303 USA. phone: (520) 318-1883, bugeric@webtv.net.
- Epstein, Marc** - CDFA 3294 Meadowview Rd., Sacramento CA 95832-1448 USA. phone: (916) 262-0948; mepstein@cdfa.ca.gov.
- Erwin, Terry L.** - Smithsonian Institution, 5705 18th Rd., N.Arlington, VA 22205 USA. phone: (202) 633-1022; erwint@si.edu.
- Evenhuis, Neal L.** - Bishop Museum, Department of Natural Sciences, 1525 Bernice Street, Honolulu, Hawaii 96817-2704 USA. phone: (808) 848-4138, neale@bishopmuseum.org.
- Falin, Zachary H.** - Division of Entomology, Kansas State University Natural History Museum, 1501 Crestline Drive, Suite #140, Lawrence, KS 66049-2811 USA. phone: (785) 864-3034; ksem@ku.edu.
- Fall, Christopher** - Bioquip Products, Inc, 2321 Gladwick St, Rancho Dominguito, CA 90220 USA. phone: (310) 667-8800; chris@bioquip.com.



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**Fax: (310) 667-8808**  
**www.bioquip.com**



- Favret, Colin** - Illinois National History Survey, 1816 S. Oak St, Champaign, IL 61820 USA. phone: (217) 840-0219; crf@uiuc.edu.
- Fortier, Joseph**- St. Louis University, Department of Biology, 3507 La Clede Ave., St. Louis, MO 63013 USA. phone: (314) 977-4353; fortier@slu.edu.
- Furth, David** - Smithsonian Institution, Natural History Museum, Department of Entomology, MRC-165, PO Box 37012, Washington, DC 20013-7012 USA. phone: (202) 633-0990; furthd@si.edu.
- Gage, Ed** - Texas Museum of Entomology, P.O. Box 63447, Pipe Creek, Texas 78063, ecgage@peoplepc.com.
- Gillogly, Alan** - Albertson College of Idaho, PO Box 44804, Boise, ID 83711 USA. phone: (208) 377-3567; gillogly@cableone.net.
- Goldstein, Paul** - Florida Museum of Natural History, SW 34th St & Hull Rd, McGuire Center No. 220, Gainesville, FL 32611 USA.
- Goodman, Mark** - Brigham Young University, 810 E. 50 S., Provo, UT 84606 USA. phone: (801) 949-7499; mkspark8@yahoo.com.
- Grinter, Chris** - University of Illinois - Urbana/Champaign, 903 N. Lincoln Ave, #202, Urbana, IL 61801 USA. phone: (847) 767-9688; cgrinter@uiuc.edu
- Hespenheide, Henry** - Dept of Ecology & Evolutionary Biology, , UCLA, box 951606, Los Angeles, CA 90095-1606 USA, 310-825-3170; hahiii@ucla.edu.
- Hurley, Richard L.** - Montana Entomology Collection, Rm 50, Marsh Labs, 1901 S. 19<sup>th</sup> St., Montana State University, Bozeman, MT 59717-3020USA. phone: (406) 994-6995; rhurley@montana.edu.
- Horsley, Pamela** - McGill University-Macdonald Campus MS3-039, 21,111 Lakeshore Rd, St. Anne de Bellevue, Quebec, H9X 3V9 CANADA. phone: (514) 457-9092; pamelahorsley@mail.mcgill.ca.
- Irwin, Michael E** - 15634 E Wandering Creek Place, Vail, AZ 85341, 520-647-7425; meirwin@uiuc.edu.
- Ivanov, Kaloyoan** - Cleveland State University, 2121 Euclid Ave, Cleveland, OH 44115 USA. antzmail@gmail.com.
- Jameson, Mary Liz** - University of Nebraska, W436 Nebraska Hall, Lincoln, NE 68588-0514 USA. phone: (402) 472-2664; mjameson1@unl.edu.
- Johnson, Norman** - Charles Triplehorn Insect Collection, Ohio State University, 1315 Kinnear Road, Columbus, OH 43212 USA. phone: (614) 292-2730; johnson.2@osu.edu.

- Konstantinov, Alexander** - Systematic Entomology Lab, USDA, ARS  
11919 Bargate Ct. Rockville, MD 20852 USA; phone: (202) 382-1790;  
akonstan@sel.barc.usda.gov.
- Kosztarab, Michael** - Virginia Tech, 614 Woodland Dr, Blacksburg, VA 24060  
USA. phone: (540) 552-1905; mkoszt@vt.edu.
- Longino, John** - Evergreen State College, 2700 Evergreen Parkway, Olympia,  
WA 98505 USA. phone: (360) 867-6511; longinoj@evergreen.edu.
- Marshall, Christopher** - Oregon State Arthropod Collection, Oregon State  
University, Dept. Zoology, , 3029 Cordley Hall, Corvallis, OR 97331  
USA. phone: (541) 737-4349; christopher.marshall@oregonstate.edu.
- Masteller, Ed** - Tom Ridge Environmental Center, 301 Peninsula Dr., Erie, PA  
16505 USA. phone: (814) 217-9016; e79@psu.edu.
- McHugh, Joe** - University of Georgia, Department of Entomology, Bio  
Science Building, Athens, GA 30602-2603 USA. phone: (706) 542-3574;  
jmchugh@bugs.ent.uga.edu.
- McJohnathan, Stephen** - EntoVision, a division of GT Vision, 10205  
Easterday Court Hagerstown, MD 21742, USA. <http://www.entovision.com>,  
phone: (240) 235-4118, ext. 120; fax (240) 235-4120;  
stephen.mcjonathan@gt-vision.com
- Miller, Kelly** - Department of Biology, University of New Mexico, 167  
Catterer Hall, MSC03 2020, Albuquerque, NM 87131-0001 USA. phone:  
(801) 422-1396; kelly.miller@byu.edu. [www.kellymillerlab.com](http://www.kellymillerlab.com).
- Miller, Laura** - West Virginia Dept of Agriculture, 5111 Hulbert Dr, Cross  
Lanes, WV 25313 USA. phone: (304) 558-2212; lacebug5@yahoo.com.
- Miller, Lee & Jacqueline** - 13207 SW Williston Rd, Micanopy FL, 32667 USA.
- Munro, James** - University of California - Riverside, Entomology Department,  
Riverside, CA 92521 USA. phone: (951) 827-5740;  
munroj01@student.ucr.edu.
- Munstermann, Leonard** - Yale University, 60 College St., 705 LEPH, New  
Haven, CT 6520 USA. phone: (203) 785-5533;  
leonard.munstermann@yale.edu.
- Musetti, Luciana** - Charles Triplehorn Insect Collection, Ohio State University,  
1315 Kinnear Road, Columbus, OH 43212 USA. phone: (614) 292-2730;  
musetti.2@osu.edu.
- Myers, Shepherd** - Bishop Museum, 1525 Bernice St., Honolulu, HI 96817  
USA. phone: (818) 848-4196; shepherd.myers@bishopmuseum.org.

- Nearns, Gino** - Department of Biology, University of New Mexico, 167 Castetter Hall, MSC03 2020, Albuquerque, NM 87131-0001 USA. phone: (803) 422-0733; gnearns@unm.edu
- Nelson, C. Riley** - Brigham Young University, Integrative Biology, Provo, UT 84602 USA. phone: (801) 422-1345; rileynelson@byu.edu.
- Newton, Al** - Field Museum of Natural History, 1400 S. Lake Shore Drive, Chicago, IL 60605 USA. phone: (312) 665-7738; anewton@fieldmuseum.org.
- O'Brien, Charles W. & Lois B.** - Tucson AZ (retired), 2313 W. Calle Balaustre, Green Valley, AZ 85614-8047 USA. phone: (520) 829-7370; lobrien@cox.net; cobrien6@cox.net.
- O'Connor, Barry M.** - University of Michigan, Musuem of Zoology, 1109 Geddes Ave., Ann Arbor, MI 48109-1079 USA. phone:(734) 763-4354; bmoc@umich.edu.
- Oswald, John** - Texas A&M University, Department of Entomology, College Station, TX 77843 USA. phone: (979) 862-3507; j-oswald@tamu.edu.
- Parsons, Gary** - Michigan State University, Department of Entomology, 243 Natural Science, East Lansing MI 48824 USA; parsonsg@msu.edu
- Pucci, Tom** - Cleveland Museum of Natural History, 1 Wade Oval, Cleveland, OH 44106 USA. phone: (216) 231-4600 ext 3314; tpucci@cmuh.org.
- Quicke, Donald** - Imperioal College London, Division of Biology, Silwood Park Campus, Ascot, Berks SL5 7PY, United Kingdom. phone: 44-020-759-42238, d.QUICKE@imperial.ac.uk.
- Ramirez Cuevas, Daniela** - UABC/CICESE, PO Box 1616, Tecate, CA 91980 USA. phone: (665) 654-2145; jamielaelena@gmail.com.
- Ratcliffe, Brett** - University of Nebraska, W-436 Nebraska Hall, Univ of Nebraska, Lincoln, NE 68588-0514 USA. phone: (402) 472-2614; bratcliffe1@unl.edu.
- Rawlins, John E.** - Section of Invertebrate Zoology, Carnegie Museum of Natural History, 4400 Forbes Avenue, Pittsburgh, PA 15213-4080, USA. phone: (412) 688-8668; rawlinsj@carnegiemnh.org.
- Reichert, Elisabeth** - Lyman Museum, McGill University, 21,111 Lakeshore Rd., Ste-Anne-de-Bellevue, Quebec, H9x 3V9 CANADA. phone: (514) 398-7988; elisabeth.reichert@ail.cgill.ca.
- Riley, Edward G.** - Texas A&M University, Department of Entomology, College Station, TX 77843 USA. phone: (979) 849-9711; egrchryso@tamu.edu.

**Robertson, Desiree R.** - Department of Entomology, University of Minnesota, 219 Hodson Hall, 1980 Folwell Avenue, St. Paul, Minnesota, 55108, USA. phone: (612) 624-9235; robe0494@umn.edu.

**Rodriguez, Josephine** - Department of Entomology, University of Illinois 320 Morrill Hall, 505 S. Goodwin Ave Urbana, IL 61802 USA. phone:(217) 265-8123; jrodriguez@life.uiuc.edu.

**Rota, Jadranka** - University of Connecticut, 75 N. Eagleville Rd, U-3043, Storrs, CT 06269, USA. phone: (860) 486-5508; jadranka.rota@uconn.edu.

**Schuh, Randall "Toby"** - American Museum of Natural History, Division of Invertebrate Zoology, New York, NY 10024 USA. phone: (212) 769-5610; schuh@amnh.org.

**Schuster, Jack** - Universidad del Valle de Guatemala, , Apartado 82, Guatemala, GUATEMALA. phone: (502) 364-0336; jschuste@uvg.edu.gt.

**Seltmann, Katja** - Morph Bank-Florida State University, 400 Dirac Science Library, Tallahassee, FL 32306 USA. phone: (850) 644-6366; seltmann@scb.fsu.edu.

**Setliff, Gregory** - University of Minnesota, 219 Hodson Hall, 1980 Folwell Ave, St. Paul, MN 55108 USA. phone: (612) 624-9235; set10003@umn.edu.

**Sharonowski, Barbara** - University of Kentucky, S-225 Agriculture Science Center North, Lexington, KY 40546-0091 USA. phone: (859) 257-3169; rhubard@uky.edu.

**Shockley, Floyd W.** - University of Georgia, Department of Entomology, 413 Biological Sciences Athens, GA 30602-2603 USA. phone: (706) 541-2094; fshockley@bugs.ent.uga.edu.

**Short, Andrew** - Cornell University, Department of Entomology, Comstock Hall, Ithaca, NY 14853 USA. phone: (607) 227-9462; as384@cornell.edu.

**Shorthouse, David** - University of Alberta, Dept of Biological Sciences, Edmonton, Alberta, T6G 2E9 CANADA. phone: (780) 669-1618; dps1@ualberta.ca.

**Sikes, Derek** - University of Alaska Museum, 907 Yukon Drive, Fairbanks, AK 99775 USA. phone: (907) 474-6278; ffdss@uaf.edu.

**Simmons, Becky** - University of North Dakota, Department of Biology, 10 Cornell St., Stop 9019, Grand Forks, ND 58202 USA. phone: (701) 777-3439; rebecca.simmons@und.nodak.edu.

**Simonsen, Thomas** - University of Alberta, Department of Biological Sciences, CW 405, Biological Science Centre, Edmonton, Alberta, T6G 2E9 CANADA. phone: (780) 492-0587; thomas.simonsen@ualberta.ca.

**Smith, Aaron** - Michigan State University, Department of Entomology, 243 Natural Science, East Lansing MI 48824 USA; smit1024@msu.edu

**Smith, Andrew** - Canadian Museum of Nature, P.O. Box 3443, Station D, Ottawa, Ontario, K1P 6P4 CANADA. phone: (613) 364-4070; asmith@unlserve.unl.edu; asmith@mus-nature.ca.

**Smith, Sarah** - Michigan State University, Department of Entomology, 243 Natural Science, East Lansing MI 48824 USA; smith462@msu.edu

**Solis, Alma** - Systematic Entomology Lab, USDA, 10th & Constitution, NMNH, MRC 168, PO Box 37012, Washington, DC 20013-7012 USA. phone: (301) 504-5183; asolis@sel.barc.usda.gov.

**Solodovnikov, Alexey** - Field Museum of Natural History, 1400 S. Lake Shore Drive, Chicago, IL 60605 USA. phone: (312) 665-7739; asolodovnikov@fieldmuseum.org.

**Song, Hojun** - Brigham Young University, 689 Widtsoe Building, Provo, UT 84602 USA. phone: (801) 422-2326; hojun\_song@byu.edu.

**Sperling, Felix** - University of Alberta, Department of Biological Sciences, CW 4051A, Edmonton, Alberta, T6G 2E9 CANADA. phone: (780) 492-3991; felix.sperling@ualberta.ca.

**Strazanac, John** - West Virginia University, Plant & Soil Sciences, Entomology, 1090 Agricultural Sciences Bldg, Morgantown, WV 26506 USA. phone: (304) 293-6023; jstrazan@wvu.edu.

**Svenson, Gavin** - Brigham Young University, 401 Widtsoe Building, Provo, UT 84602 USA. phone: (801) 422-4735; svenson@byu.edu.

**Charuwat, Taekul**, Ohio State University, Dept of Entomology, 1315 Kinnear Rd., Columbus, OH 43212-1157 USA, 614-292-2730, taekul.1@osu.edu

**Talamas, Elijah** - Ohio State University, 444 E. 15 Ave, #A, Columbus, OH 43201 USA. phone: (414) 803-0095; talamas.1@osu.edu.

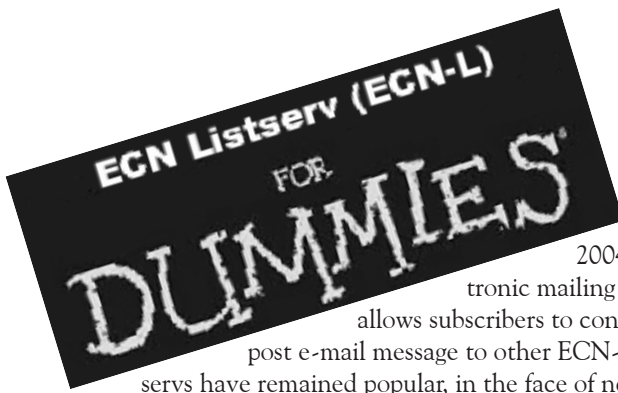
**Tauber, Catherine** - Cornell University. mail: PO Box 1708, Davis, CA 95617 USA. phone: (530) 297-5590; catb@cornell.edu.

**Thayer, Margaret** - Field Museum of Natural History, 1400 S. Lake Shore Drive, Chicago, IL 60605 USA. phone: (312) 665-7741; mthayer@fieldmuseum.org.

**Thomas, Donald B.** - USDA-ARS 2413 E. Hwy 83, Weslaco, TX 78596 USA. phone: (956) 447-6315; dthomas@weslaco.ars.usda.gov.

**Triapitsyn, Serguei** - Entomology Research Museum, MCR, Department of Entomology, University of California, Riverside, CA 92521 USA. phone: (951) 827-7817; serguei@ucr.edu.

- Voegtlin, David** - Illinois Natural History Survey, 1101 W. Peabody, Urbana IL 61801 USA. phone: (217) 244-2152; dvoegtli@uiuc.edu.
- Wagner, David** - University of Connecticut, Ecology & Evolutionary Biology, Storrs, CT 06269-3043 USA. phone: (860) 486-2139; davids.wagner@uconn.edu.
- Wahl, David** - American Entomological Institute, 3005 SW 56th Ave, Gainesville, FL 32608 USA, 352-377-6458, aei@aei.cfcoxmail.com.
- Wall, Michael** - San Diego Natural History Museum, PO Box 121390, San Diego, CA 92112 USA. phone: (619) 255-0266; mwall@sduhm.org.
- Warner, Bill** - Central Life Sciences, 301 W. Osborn Rd, Phoenix, AZ 85013 USA. phone: (602) 207-2126; bwarner@central.com.
- Whitfield, Jim** - University of Illinois, Entomology, 320 Morrill Hall, 505 S. Goodwin, Urbana, IL 61801 USA. phone: (217) 333-2567; jwhitfie@life.uiuc.edu.
- Wiegmann, Brian M.** - North Carolina State University, Department of Entomology, Raleigh, NC 27695 USA. phone: (919) 515-1653; bwiegman@ncsu.edu.
- Yanega, Doug** - University of California-Riverside, Department of Entomology, Riverside, CA 92521-0314 USA. phone: (951) 827-4315; dyanega@ucr.edu.
- Young, Daniel** - University of Wisconsin, UW Insect Research Collection, 445 Russell Labs, Department of Entomology, 1630 Linden Drive, Madison, WI 53706 USA. phone: (608) 262-2078; young@entomology.wisc.edu.
- Zahniser, Jamie** - Illinois Natural History Survey, 1816 S. Oak St., Champaign, IL 61820 USA. phone: (217) 244-2491; zahniser@uiuc.edu.
- Zaspel, Jennifer** - University of Florida, Department of Entomology & Nematology, PO Box 110620, Natural Area Drive, Gainesville, FL 32611 USA. phone: (352) 392-1901ext 183; zaspel@ufl.edu.
- Zolnerowich, Gregory** - Kansas State University, Department of Entomology, 123 Waters Hall, Manhattan, KS 66506 USA. phone: (785) 532-3799; gregz@ksu.edu.



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