

ECN is ESPECIALLY GRATEFUL to the following Corporations and Individuals for their generous support of this year's meeting. Together, these sponsors and donors allow the ECN meeting to keep pace with the increasing costs of conferences - and to maintain the professionalism and social interaction that have become synonymous with our annual meetings. THANKS!!!

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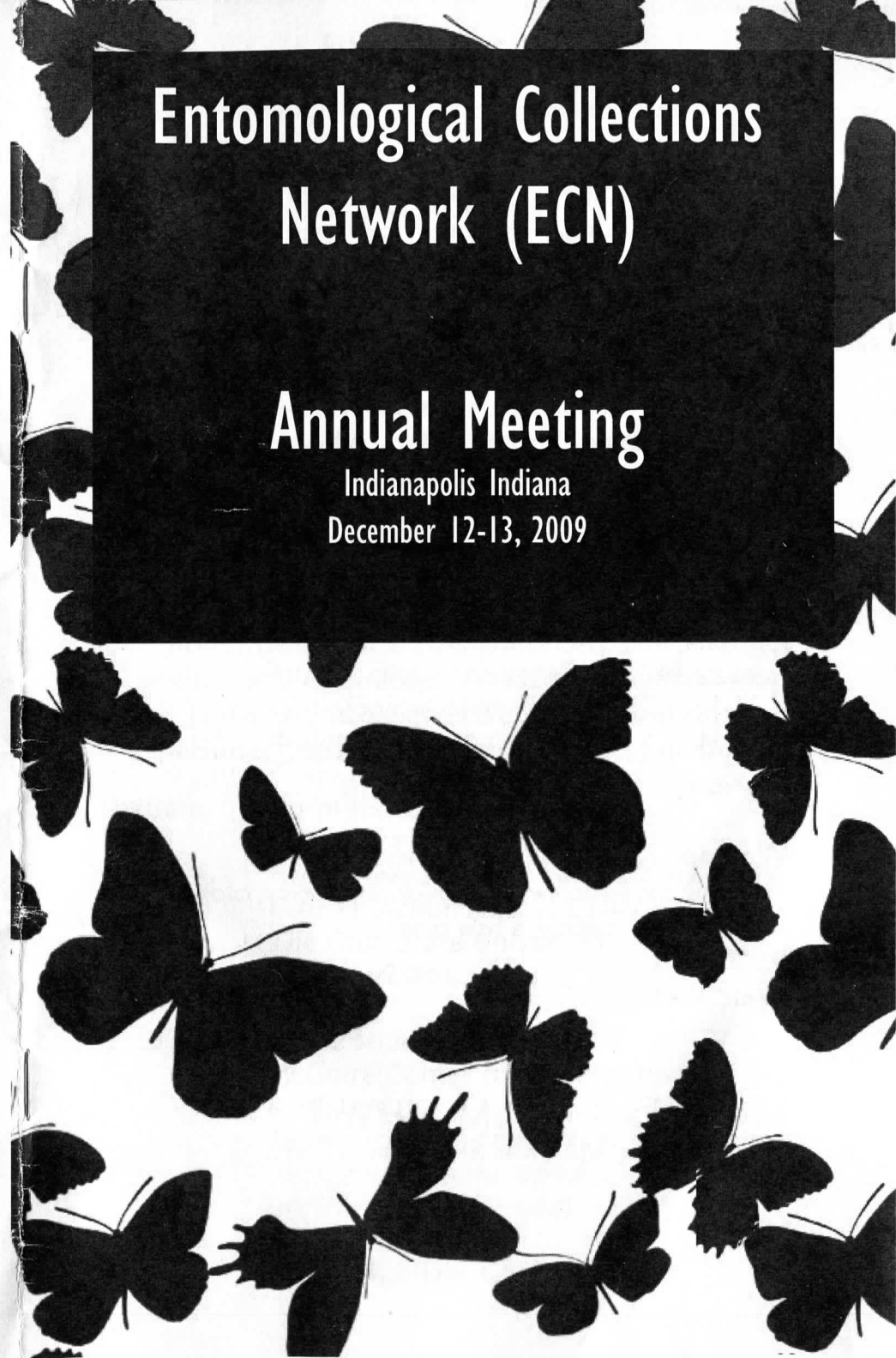
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Smithsonian Institution Entomology
Catherine & Maurice Tauber
Margaret Thayer & Alfred Newton
Donald Thomas
Michael Wall

We would also like to thank **ESA's Systematics, Evolution and Biodiversity** section for providing Internet Access & Audio/Visual equipment.

Entomological Collections Network (ECN)

Annual Meeting

Indianapolis Indiana
December 12-13, 2009



On behalf of the Entomology Collections Network Council, we would like to welcome you to the 2009 ECN Annual meeting! We have an exciting program organized this year, with presentations ranging from backyard biodiversity to bioinformatics. You can also look forward to updates on collections, new initiatives on the horizon that affect entomological research, perspectives on fundraising, and the potentiality of selling new species names to support research.

Two panel discussions are organized, one on the current status of entomological research journals, and a second panel on the interaction between systematists and ecologists. Something new this year includes a keynote address by Dr. Jonathan Coddington at end of the Saturday session.

We hope you enjoy the presentations, exchanging specimens and ideas, seeing old friends, and making a few ones!

Welcome!

Matthew Buffington, Michael Wall,
Christopher Marshall & Zachary Falin

Friday, December 11

Council meeting to discuss present meeting and next year's meeting. Time: TBA.

Saturday, December 12

8:00-9:00am Registration & coffee

Morning Session -Collections-

9:00am Andrew Deans
North Carolina State University
Past, present and future of the NCSU Entomology Collection.
(adeans@ncsu.edu)

9:20am Hojun Song
Brigham Young University
Introducing Korean National Institute of Biological Resources
(hojun_song@byu.edu)

9:40am Norm Johnson
Ohio State University
Facility improvement and status of the C.A. Triplehorn Insect Collection at The Ohio State University.
(johnson2@osu.edu)

10:00am Jackie Miller & Tom Emmel
McGuire Center for Lepidoptera & Biodiversity
Fundraising and collection support in difficult economic times.
(jmiller@flmnh.ufl.edu)

10:20-10:40am Coffee Break

- 10:40am Serguei Triapitsyn
(University of California, Riverside)
Remediation and curation of the University of California, Riverside collection of Aphelinidae and Encyrtidae (Hymenoptera: Chalcidoidea) on slides: problems and solutions.
(serguei.triapitsyn@ucr.edu)
- 11:00am Richard Brown
Mississippi Entomological Museum
Collection and Web Resources of the Mississippi Entomological Museum.
(RBrown@entomology.msstate.edu)
- 11:20am Alexey Solodovnikov
Natural History Museum of Denmark
Beetle and other entomological collections at the Natural History Museum of Denmark: an update.
(ASolodovnikov@snm.ku.dk).
- 11:40 Barack Obama
White House, DC
My childhood days collecting insects and a new presidential initiative to fund insect collections.

Morning session wrap up,
Questions, Further announcements.

12:00-1:00pm - Lunch

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?

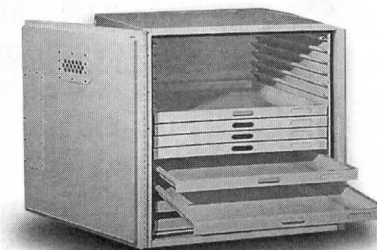
"We've discovered another!" we cheer.
Eagerly we unseal it, confident marvelous
treasures await. Securely nestled inside.

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

We know little of the culture that
produced this safe-guarding wonder.
But we know the maker's name.

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Afternoon Session:
Current Status of Systematic
Entomological Journals

- 1:00pm Andy Austin
(University of Adelaide)
Invertebrate Systematics.
(andy.austin@adelaide.edu.au)
- 1:15pm Peter Cranston
(University of California, Davis)
Systematic Entomology.
(pscranston@ucdavis.edu)
- 1:30pm Miller, J.
(The Netherlands)
ZooKeys.
(Miller@naturalis.nnm.nl)
- 1:45pm Michael Gates & Robert Kula
Proceedings of the Entomological
Society of Washington.
(Michael.gates@ars.usda.gov)
- 2:00pm Lars Krogmann
(Staatliches Museum fur Naturkunde
Stuttgart)
Invertebrate Systematics and Evolution.
(krogmann.smns@naturkundemuseum-bw.de).
- 2:15pm Matthew Buffington
(Systematic Entomology Lab, USDA/USNM)
Zootaxa.
(matt.buffington@ars.usda.gov)



BioQuip Products would like to thank our customers and friends for all the support and encouragement that has been received over the past 63 years.

Entomology is one of the most important sciences of our time. Where would the world be without you? The important work you do is being done so that future generations will have the opportunity to appreciate the true diversity of the earth's insects, and hopefully, their natural history. BioQuip applauds your passion for the preservation of insect collections.

We welcome the opportunity to continue serving you and the science of entomology. If you have any product needs or ideas that BioQuip can assist you with, please contact us. Together we can continue to support entomology by curating the world's insect collections, and providing the equipment and tools needed to perform these important responsibilities.

Please visit us at the ESA convention, booths 201, 204, 205.

With gratitude and appreciation,

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2:30pm Dave Cheung
(Univ of Guelph)
Canadian Journal of Arthropod
Identification.
(dave@dkbdigitaldesigns.com)

2:45-3:15 Panel Discussion of editors.

3:15-3:45 Coffee break.

3:45pm Gary Hevel
(Smithsonian Institution, USNM)
'Backyard biodiversity: new species,
new state records, new invasive species'.
(hevelg@si.edu)

4:00pm Alma Solis
(Systematic Entomology Lab, USDA/USNM)
'U.S. Federal government scientific
collections and systematics of invasive
species'.
(alma.solis@ars.usda.gov)

4:30pm Keynote speaker:
Jonathan Coddington,
ADRC, USNM
Future directions of the USNM and the
future of biological collections.
(coddingtonj@si.edu)

5:15pm
Afternoon session wrap-up,
discussion.

6:30pm Dinner

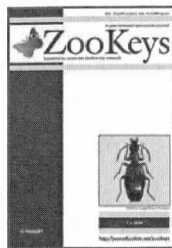
ECN
Indy Mixer/Dinner Buffet
6:30 pm
Grand Central Station
Crowne Plaza

Mingle, eat and be merry with
your ECN friends/colleagues at the
banquet. Dinner will be a buffet-
style sit down meal with a cash bar
to whet your whistle - see you there!



ZooKeys

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Definition

ZooKeys is open-access, peer-reviewed, rapidly disseminated, online and print journal launched in July 2008 by **Pensoft Publishers** to accelerate research and free information exchange in taxonomy, phylogeny, and biogeography of animals (www.pensoftonline.net/zookeys).

- ☐ Quick turnaround and publication time
- ☐ High-resolution, full-color version at no additional charge for colour

Scope

New taxa descriptions, if accomplished with proper diagnoses, keys and/or revisions of at least species-group level; taxonomic revisions of extant (or "recent") and fossil animal groups; checklists and catalogues; phylogenetic and evolutionary analyses; papers in descriptive and/or historical biogeography; methodology papers; data mining and literature surveys; monographs, conspecti, atlases; collections of papers, Festschrift volumes, and conference proceedings.

The Future

- ☐ Implementation of pre-submission XML mark up and post-publication XML files
- ☐ Provision of automated generation of manuscripts from Scratchpads
- ☐ Extension and improvement of the range of semantic enhancements to taxonomic papers
- ☐ Implementation of tools to maximum automated dissemination of contents to aggregators, indexing and bibliographic services and archives
- ☐ Transfer the whole set of innovative publishing methods into the domain of plant diversity science through launching a new companion journal, PhytoKeys.

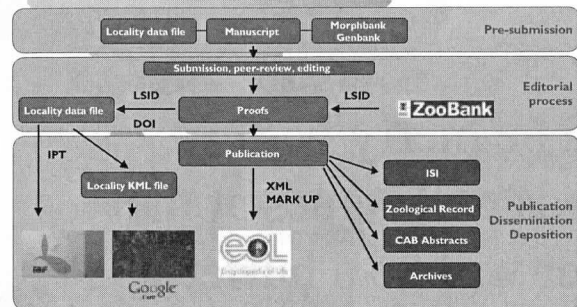


Fig. 1. The ZooKeys model for data publication and semantic enhancements workflow in taxonomy

Quick facts

- ☐ Launched on 4th of July 2008
- ☐ Nearly 4000 pages in 27 issues published within 16 months
- ☐ One-hundred-forty-six research papers, five monographs, eight Editorials and Forum papers
- ☐ Descriptions of 44 new genera, 2 new subgenera and 346 new species
- ☐ Mandatory registration of all new taxa in ZooBank by the journal
- ☐ All new taxa provided to EOL through TaxonX XML mark up on the day of publication;
- ☐ All new taxa provided also to globalnames.org, Wikispecies and Wikimedia Commons
- ☐ CrossRef member
- ☐ Covered by ISI in the eighth month of existence
- ☐ Indexed by Zoological Record, Google Scholar, CABI and DOAJ
- ☐ Dataset publishing under separate DOI numbers
- ☐ Occurrence datasets uploaded to GBIF simultaneously with publication (Fig. 1)
- ☐ Data matrices and primary data files for interactive keys (e.g., Lucid, Intkey, MX, and others) published as supplementary files to facilitate future use and reuse of the data (Fig. 2)
- ☐ Peer-reviewed editorial process through online editorial management system

PhytoKeys

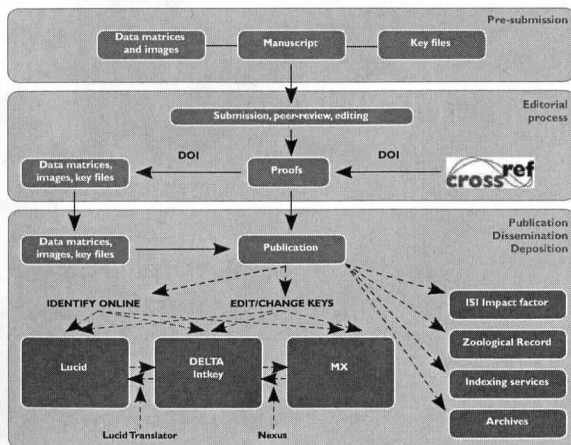


Fig. 2. The ZooKeys model for data publication and dissemination of interactive keys

Sunday, 12 Dec.

8-9:00am Coffee.

9:00am James Cook
(Sam Houston University)
Systematics at the National Science Foundation: Current Trends and a New Program.
(jcook@shsu.edu).

9:20am James Woolley
(Texas A&M University)
'CollectionsWeb: building a community of natural history collections in the US, an annual update'.
(jimwoolley@tamu.edu).

9:30-10:10am

Species names for fun and profit?

9:30am Andrew Polaszek & Doug Yanega
(Natural History Museum, University of California, Riverside)
Pros and cons of selling patronyms. Format: tag-team presentation and open discussion.
(A.Polaszek@nhm.ac.uk;
yanegad@ucr.edu)

10:10am Coffee break.

10:30am Gail Kampmeier
(University of Illinois)
Darwin Core Ratified in the Year of Darwin.
(gkamp@illinois.edu).

10:45am Andrew Smith & Anthony Cognato
(Michigan State University)
Implementation of Specify for databasing
the A.J. Cook Arthropod Research
Collection.
(cognato@msu.edu)

11:00am Torsten Dikow
(Field Museum of Natural History)
LifeDesk: Managing and sharing
biodiversity research on the web.
(tdikow@fieldmuseum.org)

**11:15am-Noon:
Forum**

**The Ecology of Entomological Researchers: limited
meme flow between ecologists and taxonomists.**

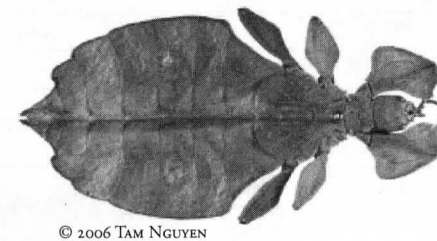
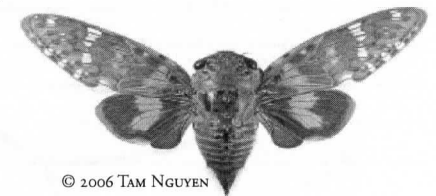
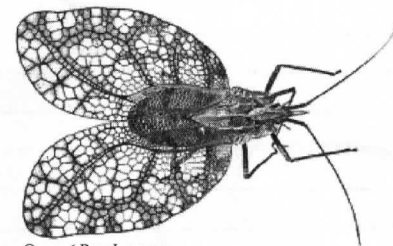
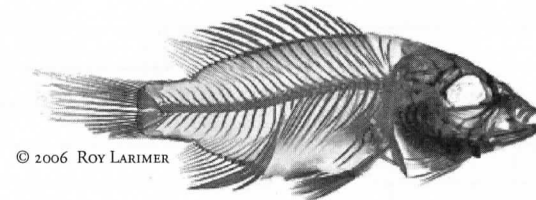
Organized: Shelah Morita & Matthew Buffington
(Morita, S; SI; moritas@si.edu)

11:15am Introduction – Shelah Morita

11:20 Panel discussion.
Members: John Coddington,
Andy Austin,
Scott Miller

12:00 Closing remarks.

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