

American Arachnology

Newsletter of the American Arachnological Society

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Number 80

April 2010

Future A.A.S. Annual Meeting Sites

2010 - Greenville, N.C.

2011 - Lewis & Clark

College, Portland, Oregon

**2012 - U. Wisconsin - Green
Bay**

2013- East Tennessee State

2014- Ohio State - Marion



**2010 AAS
Annual
Meeting**

**East
Carolina
University
Greenville,
North
Carolina**

hosted by

Dr. Jason Bond

More information on page 5

Abstract submission deadline

→ 21 May 2010 ←

Registration deadline

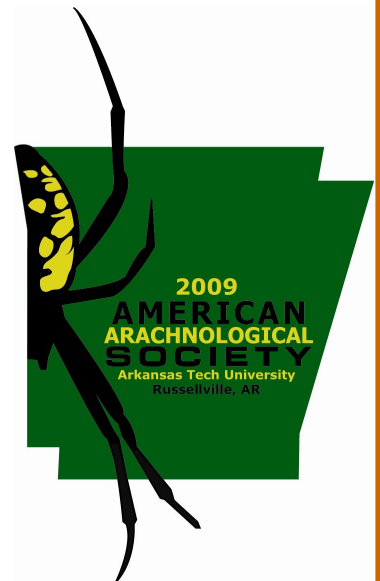
→ 28 May 2010 ←

Report

from the

**33rd Annual
A.A.S.
Meeting**

**Arkansas Tech
University,
Russellville, AR**



hosted by

Dr. Tsunemi Yamashita

Reports on page 2

Report from the 33rd Annual A.A.S. Meeting Arkansas Tech University Russellville, Arkansas 26 June - 1 July 2009

hosted by

Dr. Tsunemi Yamashita

The 2009 AAS meeting held at Arkansas Tech University's Lake Point Conference Center began with the typical hot temperatures of a southern June but was still deemed a success by the attendees. The Conference Center is located a few miles west of the main Russellville campus on property that overlooks Lake Dardanelle. The events kicked off on Friday, June 26th with a Mixer held in the main dining room. Although originally scheduled as an outdoor event, it became evident earlier in the week that the current summertime temperatures needed a move to an air conditioned room. The mixer went well and further snacks and adult beverages were provided in the Oak Lodge where social interaction occurred till the wee hours of the morning. This pattern was to be repeated throughout the meeting, and it tested the patience of some attendees because the rooms in both lodges all opened into a large casual atrium.

In the morning, the first talks in Ecology and Diversity began after introductory remarks from Dr. David Underwood, Associate VP of Academic Affairs. Some audio visual mishaps occurred, but overall they were kept to a minimum. This session was followed with Systematics and Evolution, then the Behavioral Biology session. The meeting room provided an optimal setting with comfortable chairs, a good view of the slides, and audio speakers in the rear so all could hear each talk. This poster session finished the day showcasing 26 posters. The poster session was unique in that a high school student presented a poster describing spiders aboard the space shuttle. In between the morning and afternoon sessions, the group photo was taken quickly outdoors due to the daytime temperatures that soared into the high 90's. As the Lakepoint Center is somewhat isolated and self contained, evenings were spent socializing with other arachnologists, playing volleyball or pool, or collecting arachnids along the buildings and shoreline.

The second day of the meeting had two sessions-- Behavioral Biology and Physiology followed by Ecology and Diversity. The afternoon had no scheduled sessions and was spent in various

ways. A small group took a field trip to the Ouachita Mountains to sample arachnids. Other attendees took the opportunity to visit some local sites such as Mt. Magazine State Park. The day finished with the Executive Committee Meeting, the Casual Arachnid Evening and AAFF, then the first graduate student mixer. The graduate student mixer was a success noted by the noise level late into the evening and slow movement of several graduate students to the final morning of talks.

The final session day saw a series of presentations in Ecology, Evolution, and Organismal Biology. A cool front had moved across the region, lowering temperatures to a comfortable level, providing a nice atmosphere for the business meeting and evening banquet. The meeting concluded with a field trip to the Ozarks, where two distinct areas were visited to collect arachnids. The Arkansas meeting had lower attendance than other meetings, but all who attended appeared to have a great time. The location, food, lodging accommodations, and amenities facilitated interactions among arachnologists, which highlighted the camaraderie known in the AAS.

AAS 2009 FIELD TRIP REPORT

by **Neal McReynolds**

During the AAS meeting at Arkansas Tech University, June 26-30, 2009, there were a number of opportunities to observe and collect arachnids. The Lake Point Event Center was an excellent place with spiders found on the shrubbery around the buildings and along the edge of the lake. On the evening of June 27, a small group (about 8 of us) went to an area north of Lake Point Center (35° 19.4' N 93° 11.0' W) that Tsunemi Yamashita had been using as a field site. We searched for scorpions along a steep slope. I was able to find 15 scorpions (*Centruroides vittatus*) including one female carrying young during the short period we were able to search. Unfortunately, our lights disturbed some residents of houses on the ridge above us, and we were asked to leave by police.

The main field trip on June 30 was to Ozark-St. Francis National Forests. We left Lake Point Center in the morning in two vans and one additional vehicle. The scenery of the Ozark Mountains was interesting with trees damaged in the higher elevations from an ice storm the previous winter. The first stop was at Alum Cove Natural Bridge (35° 51.6' N 93° 14.0' W). The group scattered on the trail to the natural bridge with some reaching the natural bridge which was a good collecting site including spiders on the rock face around the natural bridge. The second and last stop was at Haw Creek Falls picnic area (35 40.6' N 93 15.3' W) where we had lunch. We then scattered out again to search the area around Haw Creek Falls. The group then returned to Lake Point in the middle of the afternoon after a good day in the field.

Abstracts

of Poster and Oral Presentations from the
33rd Annual Meeting
of the



at

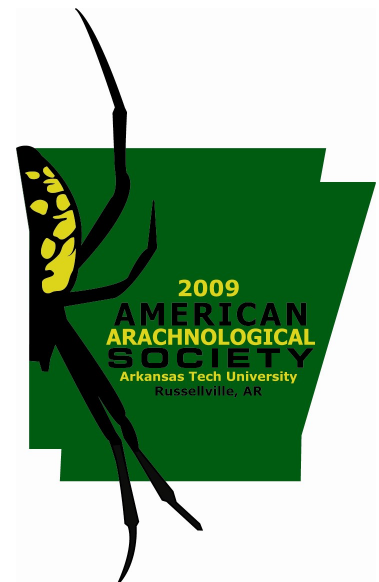
Arkansas Tech University
Russellville, Arkansas
26 June - 1 July, 2009

Are available on the
AAS website

under '**Archived Annual Meeting Abstracts**'

Follow the link:

http://www.americanarachnology.org/MeetingAbstracts/AAS_2009_abstracts.html



A printed copy of the abstracts is available upon request to the Secretary.

2009 AAS Election

In 2009 we elected a new President-Elect and Director.

Our President-Elect (and future President!) is

Jonathan Coddington

And our newest Director is

Todd Blackledge

who replaces **Greta Binford**. (We thank Greta for two years of service!)

Karen Cangialosi remains as Treasurer (Thanks Karen!)

Many thanks to all those nominees who stood for election!

This year (2010) we elect a new Director. Look for your ballot this spring.

Student Paper Awardees

The Student Paper Competition at the Russellville AAS Meeting produced many fine student presentations. The awardees were:

Podium Presentation—

First place was **Brian Moskalik**, University of Cincinnati (with George Uetz) for “Female condition alters preference for male traits in the wolf spider *Schizocosa ocreata* (Hentz)”.

The runner-up was **Elizabeth Knowlton**, University of Oklahoma (with Doug Gaffin) for “Tip-recordings of scorpion pecten chemosensory neurons in response to biological stimulants”.

Poster Presentation—

The winner was **Samuel Evans**, Miami University (with Kerri Wrinn, Emma Shaw, and Ann Rypstra) for “Predatory agrobiont arthropod behavior and interactions as influenced by a glyphosate-based herbicide”.

The runner-up was **Kerri Wrinn**, Miami University (with Ann Rypstra) for “Herbicide may interact with predator cues and foraging success to determine fitness in *Pardosa milvina*”.

Congratulations to the award recipients, and we look forward to the student presentations in Greenville!



2010 A.A.S. Annual Meeting
East Carolina University
Greenville, North Carolina
Friday 11 June -
Wednesday 16 June

Hosted by:

Dr. Jason Bond

All information, submissions, and registration for the 2010 AAS meeting are available and occurs through the AAS website

http://www.americanarachnology.org/AAS_Meetings/index.html

If internet access is not available, please contact the host, Jason Bond (see below).

34th Annual Meeting of the American Arachnological Society

hosted by

Dr. Jason E. Bond

The 2010 American Arachnology Society annual meeting will be hosted by East Carolina University (ECU) and the Department of Biology. The meeting will be held on the main campus of East Carolina University (<http://www.ecu.edu>); housing and dining will be available on campus to all meeting participants.

East Carolina University is the second largest campus in the University of North Carolina System accommodating approximately 28,000 students during the regular academic year and is located directly adjacent to uptown Greenville, a small downtown area that sports a number of restaurants and a vibrant nightlife. Originally built along the south banks of the Tar River, Greenville was once a relatively small farming community but now is a major regional hub of business, education and healthcare that is the home to >172,000 folks. Situated in the Tidewater Coastal Plain of North Carolina, Greenville is but a short drive to any number of beaches and/or the Outer Banks to include the Cape Lookout National Seashore, Kitty Hawk, Cape Hatteras, Morehead City, New Bern, Beaufort, and Atlantic Beach. The Outer Banks of North Carolina have a rich and long history that includes fishing and whaling, lost colonies and pirates

and are consistently rated among the top beaches in the US. Geologically, the area is part of the Albemarle Embayment and is rich with fossils of marine life dating back to Tertiary - fossilized teeth of the giant shark *C. megalodon* are not an uncommon find in the creek banks within walking distance of campus. The climate during mid-June can be a little unpredictable - usually moderate but some years warm and humid while others dry and cool. We have planned a field trip on the last day of the meeting to the Cape Lookout National Seashore, a huge undeveloped set of barrier islands accessible only by boat (we will probably take a ferry from the wharf at Morehead City or from Calico Jacks Marina) and plan to spend the day swimming, collecting spiders and touring the lighthouse. Maps and other information will be provided for local collecting excursions.

We are planning an exciting and eventful meeting. I hope to see all of you there! Please contact me directly (bondja@ecu.edu) if you have any special needs or would like to schedule a symposium.

Abstract Deadline is **May 21st**
Registration Deadline is **May 28th**

Late fees apply after May 28th

VENUES AND TALKS

Poster session: The poster session will be held Sunday evening on the 13th of June outside the main auditorium. Each poster must fit within a 123 X 123 cm (4' X 4').

Oral presentations: The regular paper sessions will be held in the main auditorium. The auditorium seats up to 250 people and is equipped with two large LCD projectors, screens, and three computers (time to step it up notch!) If you would like to use two computers and projectors in parallel, you will need to format for MS Word on the PC; the third will be a Mac Laptop for the more sophisticated arachnologist. We can preload talks via the network, USB thumb drive, or CD/DVD.

Student poster and oral presentation competitions: Any undergraduate or graduate student presenting a poster or a talk are welcome and encouraged to enter the student paper competition. If you have won a previous AAS poster competition, you cannot enter in the poster competition. Similarly, if you have won a previous oral presentation award, you cannot enter in the oral presentation competition. Former poster award winners can enter the oral presentation competition and oral presentation winners can enter in the poster competition. Remember to indicate on the Call For Papers form your wish to be considered in the student paper competition.

Silent and live auction: Any suitable item with ties to arachnology can be placed in the silent and live auction. Generally, the live auction materials are those that will provide a good monetary return to the AAS and provide lively entertainment at the banquet. You can send auction items to Jason Bond at the address below. Please include a note on which auction (silent or live) you would like your items to go.

Casual night with arachnids: Once again, we will schedule short, entertaining talks about arachnids and arachnology. Short films, slide shows, and travel experiences about arachnids will be shown. The casual night is scheduled for the third evening (Sunday, June 13th) from 7 - 9pm. These presentations will be moderated and limited to 15 minutes.

Reprints: If you have extra publication reprints you would like to exchange with others, please do so. There will be a table for reprint exchange.

ON-CAMPUS HOUSING

On-campus rooms will be available in Umstead Hall for a very modest fee of \$35 per night. This charge is per person and includes linens and towels. WIFI access is available in the dorm and throughout campus. Reservations for on-campus housing can be made online at the time of registration.

OFFSITE HOUSING

A block of 20 rooms has been reserved at the Greenville Best Western (www.bestwesternnorthcarolina.com/hotels/best-western-suites-greenville/). They are offering us 20 rooms at \$89 per night + tax. Make your reservations by phone on or before the 11th of May and indicate to them that you would like to request the "AAS2010" room rate. The Hotel is about 1.8 miles from campus and thus is within biking or walking distance (for the particularly ambitious and fit arachnologist). Much closer to campus, right across the street, is the 5th Street Inn (www.the5thstreetinn.com/). Last check there was one room available the night of the 11th and the remaining four rooms available all other nights. This is a

great little Bed and Breakfast and is within easy walking distance to campus. Reservations can be made online.

TRAVEL

The conference site is easily accessible via Highway 264 from Raleigh and Highway 95 (if you are coming from the north or south). There are 5-6 regularly scheduled airline flights per day from Charlotte (major US Airways hub) to Pitt-Greenville Airport (PGV) and many flights into Raleigh-Durham International (about 90 minutes to our west). Other close by regional airports also include one in New Bern (~45 minutes to our southeast). We will schedule shuttles to and from Greenville-PGV in support of each flight on the 11th. Shuttle rides to and from Raleigh-RDU will likewise be available on a regular time schedule on days as needed for a very small nominal fee (the more folks needing a ride the cheaper). Keep in mind that typically flights into PGV are not much more expensive than those into Raleigh but it is best to make your reservations early. Remember when scheduling your flight that you are going to Greenville, NORTH Carolina (PGV) **not** Greenville, SOUTH Carolina. Once you have scheduled your flight email you flight information to Mr. Michael Brewer at MSB0410@ecu.edu - include arrival and departure date, place and times; place "AAS2010 Flight Information" in the subject line.

MEALS

Meals cards can be purchased at the time of registration from housing services to cover brunch on Saturday and Sunday, and breakfast and lunch other days. Alternatively, there are numerous fast food and local restaurants within walking distance of the campus. A restaurant guide will be available with the meeting materials. Friday night after the reception we have reserved limited space (65 seats) at the Starlight Café in uptown Greenville (www.thestarlightcafe.net/index.html). Indicate on your registration form if you would like to dine (Dutch treat) at the Starlight with fellow arachnologists (just need a headcount). The food, drinks and atmosphere are great! Plan to have Saturday dinner at the ballpark for a Kinston Indians Game - the Indians will be hosting the Myrtle Beach Pelicans. Dinner Sunday night will be a Southeastern NC style Pig-Pickin' which will include barbecue pork (of course), chicken for the vegetarians (fried of course), and tentatively some bluegrass music. The banquet and annual auction will be held on Monday evening at the Martinsborough in downtown Greenville and prepared by one of our finest caterers, Scarborough Fare (www.scarboroughfarecatering.com/index.htm). Through the generous support of the Department of Biology and the Thomas Harriot College of Arts and Sciences, we should have lots of Mother Earth Brewing beer (www.motherearthbrewing.com/) on hand. This beer is a new local favorite brewed just 30 minutes down the road in Kinston, NC.

FIELD TRIP

We have planned a trip to one of my most favorite spots in the world - The Cape Lookout National Seashore. We will depart Greenville around 8 am on the 15th of June (Tuesday) and drive about 1 hour 45 minutes to our east-southeast to Harkers Island, NC. From there we will take quick boat ride over, about 10 minutes, from Calico Jack's Marina (www.lordecksatcalicojacks.com/index-2.html) and spend the day swimming, collecting spiders, fishing, etc. Box lunches will be provided as part of the excursion package. Remember a hat, sunscreen, swim trunks, water bottle, and insect repellent (sometimes needed).

PRELIMINARY SCHEDULE

Friday 11 June:

Registration and Check in

Informal Mixer with light hors d'ourves
Dinner at the Starlight Café, uptown Greenville.

Saturday 12 June:

Oral Presentations
Evening at the Kinston Indians Game

Sunday 13 June:

Oral Presentations
Poster Session
Evening Pig Picking
Casual Arachnid Evening

Monday 14 June:

Oral Presentations
Business Meeting
Evening Banquet, Student Awards, and Auction

Tuesday 15 June:

Field Trip to Cape Lookout National Seashore

LOCAL HOST CONTACT INFORMATION

Dr. Jason E. Bond

East Carolina University
Department of Biology and
North Carolina Center for Biodiversity
Greenville, North Carolina 27858 USA
Phone: 252-328-2910
Email: bondja@ecu.edu





REGISTRATION

for the 34th AAS Meeting

Is accomplished through the AAS website

<http://cpeprograms.ecu.edu/CourseStatus.awp?~10AAS>

A cool PDF diagramming the registration procedure is available at:

http://www.americanarachnology.org/AAS_Meetings/AAS_2010.pdf

ABSTRACT SUBMISSION

And instructions for abstract and poster preparation also are found on the AAS website

http://www.americanarachnology.org/AAS_Meetings/AAS_2010_abstract_format.html

Instructions for the

Student Presentation Competition

Are found on the AAS website

http://www.americanarachnology.org/AAS_Meetings/StudentPaperGuideRev9_07_07_2009.pdf

If you require standard post for any of these functions, please contact your host, Jason Bond (please see page 7)

Award for Student and Emeritus Arachnologists to Travel to the AAS Annual Meeting and ISA International Congress

The American Arachnological Society announces a student and emeritus arachnologist travel award to aid students and retired arachnologists interested in attending this year's AAS annual meeting at East Carolina University (June 11-16th, 2010) or the XVIII ISA International Congress of Arachnology in Siedlce Poland (July 11-17, 2010).

Awards of up to \$500 for the AAS Meeting and \$1000 for the ISA Congress will be considered for undergraduate or graduate students, or to retired arachnologists with limited or no funding support who are presenting authors on a poster or oral presentation at either meeting.

Applicants must be members of AAS. Priority will be given to individuals who have a demonstrated financial need that cannot be met by other sources (e.g. advisor, department or university), but all are welcome to apply. Funding for retired arachnologists is from the Schlinger Foundation.

To apply, please send an electronic version of the completed application form found at

http://www.americanarachnology.org/AAS_travel/travel.html

to **Dr. Matt Persons** at persons@susqu.edu, no later than **May 10, 2010**.

Arachno-Auction !

(OR—"One Man's Trash Is Another Man's Treasure")

As you thrash around your office, home, trailer, RV, tent, hammock, or spider-hole, please be thinking of what things might go to this year's Vince Roth Memorial Auction at the 32nd annual AAS meeting and conclave. A suspense-filled silent auction is held before the AAS Annual Banquet, then an action-packed live auction starts after the Feast where sated participants vie for obscure, sometimes priceless, but always unique treasures from the world of arachnology. Most anything is fair-game for both auctions (books, reprints, artwork, t-shirts, undergarments, curios, hats, jewelry, movies, toys, etc.). Please contact the meeting's host, Jason Bond, about possibly shipping your mountains of auction materials ahead of time. (If you do intend to contribute, please let Jason know so he may begin deciding what he will keep.) All proceeds go to support the AAS Student Research Fund.

FIELD GUIDE TO SPIDERS OF NORTH AMERICA

HELP MAKE IT HAPPEN!

As you may remember, Rich Bradley has signed a contract with the University of California Press to produce and publish the *Field Guide to the Spiders of North America*. We also have received a promise from the anonymous donor who contributed to the *Spiders of North America: an identification manual* project to contribute \$45,000 to the AAS to pay the illustrator for the field guide.

The donation campaign launched earlier by Past-President Paula Cushing to solicit donations and support for this worthy project continues. One member of the AAS Executive Committee has generously agreed to provide matching funds in this campaign. For every dollar donated by an AAS member, the EC member will donate matching funds up to \$1500!

For its support of this project, the society will receive prominent acknowledgment in the Field Guide. We also will be able to sell the Field Guide to AAS members for a discounted price.

If you would like to donate towards this fund, you can do so one of two ways:

- 1) Send a check clearly earmarked to the "Field Guide Project" to AAS treasurer, Karen Cangialosi; Department of Biology, Keene State College, Keene, NH 03435-2001 (kcangial@keene.edu).
- 2) Go to the AAS website at:
http://www.americanarachnology.org/AAS_membership/AAS_donations.html

and click on the Field Guide project link to make your donation.

Thank you in advance for support of this great project!

Nina Sandlin writes:

Seeking Erigonines!

Female erigones, despite their huge diversity, are the only spiders in North America with no key to genus. LinEpig is a project to post online images of erigonine epigyna as an aid in identification, and to facilitate taxonomic revisions. More than 120 of about 650 species have been imaged. If you have any reliably identified specimens of erigonine (*sensu lato*) species not represented at LinEpig (<http://bit.ly/G92xo>), the Field Museum would be grateful for a loan.

Intact specimens also are imaged for the Nearctic Spider Database (including any males if present). Contact Nina to make arrangements. **Nina Sandlin**, Spiders - Zoology, The Field Museum, 1400 S. Lake Shore Drive, Chicago IL 60605-2496, nsandlin@fieldmuseum.org



American Arachnology

The Newsletter of the American Arachnological Society

Number 80

April 2010

AMERICAN ARACHNOLOGICAL SOCIETY WEBSITE

[HTTP://WWW.AMERICANARACHNOLOGY.ORG](http://www.americanarachnology.org)

Ken Prestwich has developed our website where one may find membership information, **Annual Meeting Info & registration**, announcements & Bulletin Board, officers, meeting minutes, instructions to JOA authors, an electronic JOA index, graduate study opportunities, a photo gallery, links to other arachnological sites, and **JOA OnLine** (electronic versions of the Journal of Arachnology; available to A.A.S. Members). Many, many thanks and kudos to Ken for applying his time and skill to the Website!! Thanks too to Holy Cross for sponsoring the site.

ARACHNOLOGY IN CYBERSPACE

International Society of Arachnology- [WWW.ARACHNOLOGY.ORG](http://www.arachnology.org);

The Arachnology Homepage – [WWW.ARACHNOLOGY.BE](http://www.arachnology.be)

European Society of Arachnology- [WWW.EUROPEAN-ARACHNOLOGY.ORG/](http://www.european-arachnology.org/)

British Arachnological Society - [WWW.BRITISHSPIDERS.ORG.UK/](http://www.britishspiders.org.uk/)

Australasian Arachnological Society - [WWW.AUSTRALASIAN-ARACHNOLOGY.ORG/](http://www.australasian-arachnology.org/)

AMERICAN ARACHNOLOGY

is the official newsletter of the American Arachnological Society, and is distributed biannually to members of the Society. Items for the Newsletter should be sent to the Editor, Alan Cady, Dept. Zoology, Miami Univ.-Middletown, 4200 E. Univ. Blvd., Middletown, Ohio, 45042, USA, Voice:(513)727-3258, Fax:(513)727-3450; E-mail:CADYAB@MUOHIO.EDU.

All correspondence concerning changes of address and information on membership in the American Arachnological Society should be addressed to the Membership Secretary, Jeffery Shultz, American Arachnological Society, Dept. of Entomology, Univ. of Maryland, College Park, MD 20742; Voice:(301)405-7519, Fax:(301)314-9290, E-mail:jshultz@umd.edu.

Membership information may be found at the AAS website: <http://WWW.AMERICANARACHNOLOGY.ORG>. Members of the Society also receive the JOURNAL OF ARACHNOLOGY (published triannually) and have access to electronic resources (JOA OnLine).

Spiders of North America — An Identification Guide

Spiders of North America: an identification guide is now in its 3rd printing with over 3000 copies sold! It can be purchased via any major online bookseller or through the AAS website.

ORDER AT:

http://www.americanarachnology.org/spider_guide.html

