

AMERICAN ARACHNOLOGY

The Newsletter of the American Arachnological Society

Number 63

May 2001

Journal Of Arachnology *ONLINE* !!

Our Society has taken another step into the cybervers. The Journal of Arachnology has gone online thanks to enormous effort from Ken Prestwich (Thanks Ken!). This is a trial session to determine demand for electronic availability of the Journal. **The electronic version (PDF files) of JOA Vols. 27 & 28 may be accessed via the AAS website.**

American Arachnological Society Website

The A.A.S. website may be accessed via the address:

<http://science.holycross.edu/departments/biology/kprestwi/AAS/>

The website shows membership info, officers, announcements, minutes of meetings, newsletters, honorary members, a bulletin board, instructions to JOA authors, an electronic JOA index, graduate study, a photo gallery, and links to other arachnological sites, and **NEW! - JOA OnLine** (Vols. 27 & 28; PDF files). We all thank Ken Prestwich for his fine job building and maintaining the site, and Holy Cross for sponsorship.

JOURNAL OF ARACHNOLOGY ELECTRONIC INDEX

The electronic index for the Journal of Arachnology is available at:

<http://vassun.vassar.edu/~celt/suter/spiderform.html>

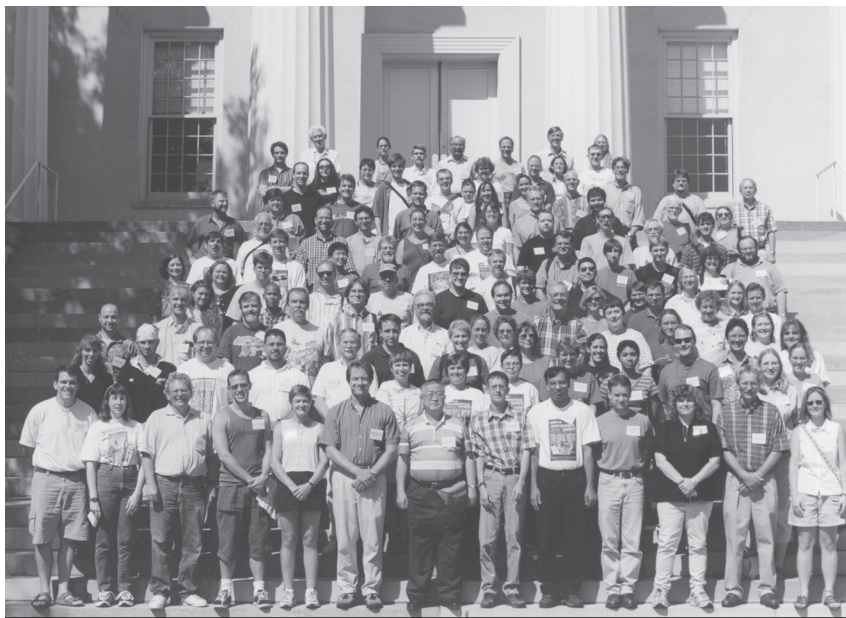
Note that the main search keywords are: SCORPION, SPIDER, HARVESTMAN, MITE

Any word or taxon that is in a title may be found with a search of the Index.

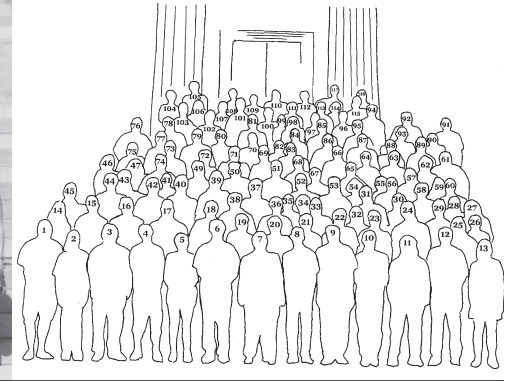
Thanks to Bob Suter for the implementation!:: SUTER@VASSAR.EDU [HTTP://FACULTY.VASSAR.EDU/~SUTER/SUTER.HTML](http://FACULTY.VASSAR.EDU/~SUTER/SUTER.HTML)

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4200 E. Univ. Blvd.
Middletown, Ohio, 45042



**24th Meeting of the American
Arachnological Society
15-19 July, 2000
Transylvania Univ., Lexington, KY**



1 Matt Nelson; 2 Valerie Wielard; 3 Dan Formanowicz; 4 Chad Schone; 5 Robin Taylor; 6 Marius Pfeiffer; 7 Joo-Pil Kim; 8 Mike Draney; 9 Nayeem Hoq; 10 Chad Hoefler; 11 Marianne Robertson; 12 Kenneth Yeargan; 13 Cora Allard; 14 Cara Shillington; 15 Matthew Siderhurst; 16 Chris Brown; 17 Chris Amaya; 18 Jerome Rovner; 19 Phyllis Rovner; 20 Petra Sierwald; 21 Nina Sandlin; 22 Elizabeth Jakob; 23 May Taylor; 24 Phil Taylor; 25 Christa D. Skow; 26 Elizabeth Wells; 27 Nancy Kreiter; 28 Julianna Johns; 29 Scott Larcher; 30 Elizabeth Fet; 31 Sara Brady; 32 Paula Cushing; 33 Linda Rayor; 34 Pat Miller; 35 Gail Stratton; 36 Ann Rypstra; 37 H.D. Cameron; 38 Matt Persons; 39 Alan Cady; 40 William Tieljen; 41 Jamel Sandidge; 42 Richard Bradley; 43 Jennifer Williams; 44 D. H. Morse; 45 Edgar Leighton; 46 Janet Lensing; 47 Nancy Reagan-Wallin; 49 G. B. Edwards; 50 Dan Mott; 51 Aaron Tolin; 52 Ryan Stander; 53 Allen Brady; 54 Georgia Nix-Miller; 55 Emily Whiteley; 56 Gary L. Miller; 57 Susan Riechert; 58 Sam Marshall; 59 Vanessa Gorley; 60 Richard Blatchford; 61 Victor Fet; 62 Peggy Gerba; 63 David Mayntz; 64 Paul Marek; 65 Michael Brueseke; 66 Jason Bond; 67 Brant Reif; 68 Joe Warfel; 69 Robert Suter; 70 Monica Beals; 71 George Uetz; 72 Tsunemi Yamashita; 73 Doug Gaffin; 74 David Wade; 75 Richard Hand; 76 Marshal Hedin; 77 Bill Bennett; 78 Jeff Shultz; 79 Ken Cramer; 80 Jordi Moya-Larano; 81 Juraj Halaj; 82 Nadia Ayoub; 83 Mike Germann; 84 Kendra Lawrence; 85 Britt Raymond; 86 Marcus Willman; 87 Eric Edwards; 88 Fred Coyle; 89 Michael Lowder; 90 Mary Etta Hight; 91 Jim Berry; 92 Sean Walker; 93 W. L. Arnold; 94 Jon Coddington; 95 Jeremy Miller; 96 Ingi Agnarsson; 97 Eileen Hebets; 98 Greta Binford; 99 Flavia Rinaldi Forti; 100 Chris Buddie; 101 David Shorthouse; 102 Andrew Roberts; 103 Jerry Hinn; 104 James Wagner; 105 Robert Edwards; 106 Alice Graham; 107 Anya Hawthorn; 108 Sarah Crews; 109 Brent Opell; 110 Bruce Cutler; 111 Isabela Rinaldi; 112 Jon Reiskind; 113 Jeremy Reiskind; 114 Maggie Hodge; 115 Andy Farke; 116 Denise McNabb; 117 David Wise

Salticid courtship sequences to share

Gail Stratton writes: for John Davis "On 16 mm film, and on slow motion, I have courtship and agonistic sequences of the salticids *Zygoballus bettini* and *sexpunctatus*, *Thiodina sylvana* and several species of *Metaphidippus*. These include mating sequences and are filmed from all angles and against grids to permit quantitative analysis. I also have films from several ant mimicing jumping spiders. Is anyone interested in these films or a description of them?" If so, please contact John Davis, 1718 Hillview Drive, Jackson, MS 39211 601-982-4105.

Passings

Ray Forster
Maria Elena Galiano
Willis Gertsch
Madame Jaqueline Hertault
Anton Polenec

In The Next Issue ...

- Abstracts from AAS Meeting, Keene, New Hampshire
- Results of AAS Election
- Info on the 2002 AAS Meeting, Riverside, California
- Submit items for Vol. 64 by 15 September, 2001

Join the A.A.S. !

Are you reading a borrowed copy of *American Arachnology*? Start enjoying the benefits of membership in the American Arachnological Society. Complete the following form and send with your dues, (calculated by table below), to the Membership Secretary (address below).

NAME _____
Address _____

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Indicate Membership Dues Enclosed:

Regular	\$ 30
Student	\$ 20
Institutional (USA)	\$ 80
Institutional (all other countries)	\$ 90

Snip or Photocopy & Save Time

Norman I. Platnick - Membership Secretary
American Museum of Natural History
Central Park West at 79th Street
New York, New York 10024 USA

Members receive the *Journal of Arachnology* three, and the newsletter *American Arachnology* two times a year.

History of the American Arachnological Society

Paula E. Cushing

In September 1999, I took a trip up to Montana to visit Bea Vogel and to pick up some of her spider collection that she was donating to the Denver Museum of Nature and Science. During the visit, I noticed that Bea had the Charter of the American Arachnological Society hanging on the wall of her den. I copied down the names of the first members of the AAS and present it to you here as a matter of historical interest.

The American Arachnological Society was chartered in 1973. According to Bea, Charter members paid \$10 to belong to the society. The seal on the Charter Membership says, "The American Arachnological Society Corporation. Incorporated August 16, 1973, California." The first President of the Society was Beatrice R. Vogel, the first Vice President was Vincent D. Roth, and the Secretary/Treasurer was Mel E. Thompson. The Charter Members of the AAS were:

Donald M. Allred	Charlotte H. Alteri
John F. Anderson	Richard F. Ayrey
Joseph A. Beatty	Ellen M. Benedict
David E. Bixler	Allen R. Brady
Thomas S. Briggs	Paoló M. Brignoli
Jack Brookhart	Kathy Brown
James E. Carico	Richard T. Carter
Ernest R. Casey	John A. L. Cooke
Patrick R. Craig	Murray Cragin
Robert H. Crandall	Clifford S. Crawford
C. D. Dondale	William A. Drew
Arlan L. Edgar	Glavis B. Edwards, Jr.
Wilbur R. Enns	Robert L. Erwin
John A. Falch	Bruce L. Firstman
William K. Fox	W. Don Frank
J. Russel Gabel	Willis J. Gertsch
M. A. Gonzales-Sponga	Clarence J. Goodnight
John Richard Gorham	Joel M. Harp
Charles A. Harper	Stuart Baxter Hill
Maxine Hite	Donna E. Hobbs
C. Clayton Hoff	Norman V. Horner
Wendell R. Icenogle	Larry Jacobson
Daniel T. Jennings	Allan D. Johnson
B. J. Kaston. E	ric N. Kjellesvig-Waering
Albert Kock Sin Jung	Thomas Cekalovic Kuschевич
Nan Lawler	Robin E. Leech
Thomas F. Leigh	Herbert W. Levi
Edwin L. Licht	Donald C. Lowrie
William J. Lucas, Jr.	James A. MacMahon
John D. McCrone	Charles R. McGhee
David R. Malcolm	David G. Marqua
Carlos Marquez-Mayandon	Martin C. Matlack
Robert W. Mitchell	Ronald Monroe
Muriel Monteleone Runholt	Ann Moreton

Eston O. Morrison	William B. Muchmore
Martin H. Muma	Frances Murphy
John M. Nelson	William B. Peck
Andrew J. Penniman	Billy H. Pettit
Lawrence Pinter	Norman Platnick
John H. Prentice	Alan D. Purrone
Diomedes Quintero	John B. Randall
Jonathan Reiskind	David B. Richman
Susan E. Riechert	Douglas A. Rossman
Vince D. Roth	Jerome S. Rovner
Dan L. Rowland	J. Mark Rowland
Robert Schick	Evert I. Schlinger
Ron Schmoller	Walter Sedgwick
William A. Shear	Michael E. Soleglad
Herbert L. Stahnke	Karl J. Stone
Mark K. Stowe	Russel W. Strandtmann
Seisho Suzuki	K. Thaler
Mel E. Thompson	William L. Tietjen
John R. Trigg	John R. Tripp
Thomas Trudeau	Allen Vinegar
Beatrice R. Vogel	Charles Walcott
Andrew A. Weaver	James P. Webb, Jr.
W. H. Whitcomb	Stanley C. Williams
William J. Wrenn	Maria de la Luz Zamudio V.

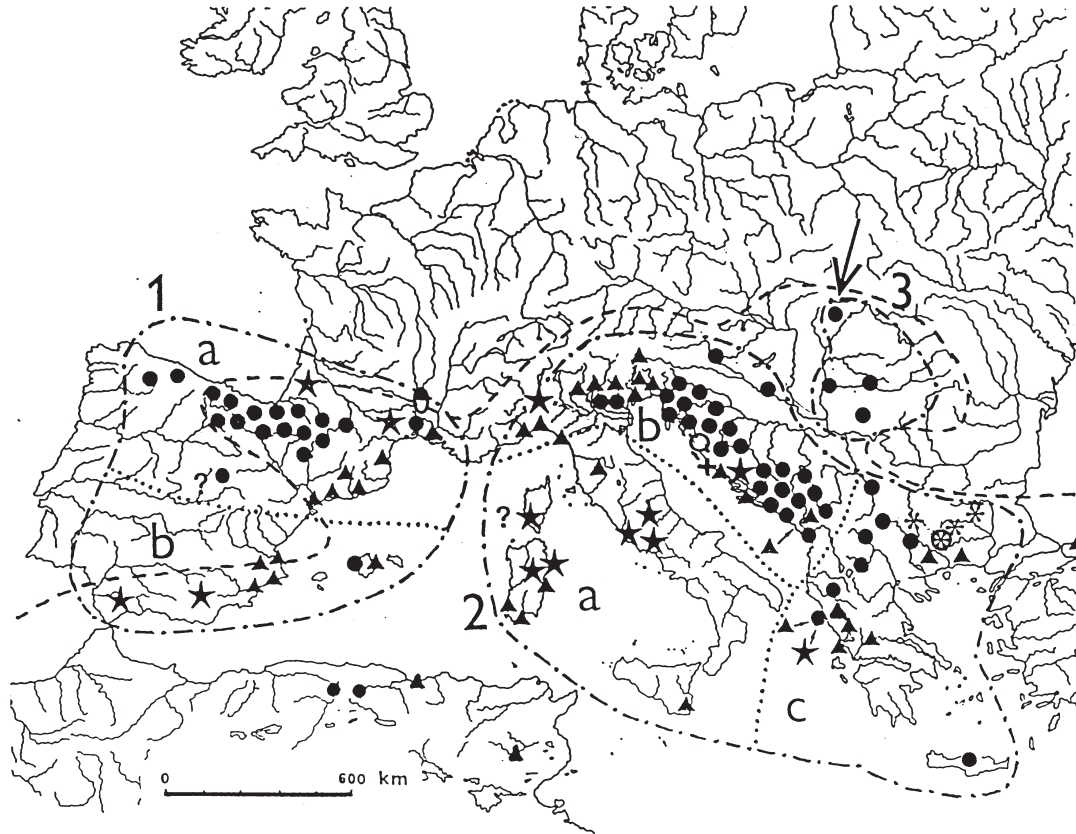
More on the AAS Meeting -- 2002

Host Rick Vetter has set dates for the 2002 AAS meeting in Riverside, California. Folks could start arriving on the evening of Tuesday, 25 June, enjoy presentations Wednesday thru Friday (26th - 28th), a choice of field trips (mountains/desert or coastal sage scrub) on the 29th, and everybody goes home the 30th. Another trip is possible to a UCR Mojave desert research facility for some post-meeting individual activities. Rick has timed our meeting to avoid the Animal Behaviour Society meeting and a hot time of the summer. Registration forms will be ready for the Fall Newsletter. You may get in touch with Rick at: VETTER@CITRUS.UCR.EDU. Cursory comments on the Riverside meeting

Here is some quick lowdown on the AAS 2002 meeting. Riverside is located smack-dab betwixt Los Angeles, San Diego and Palm Springs. The meeting has been scheduled so you arrive Tuesday (25 June) and leave on Sunday. This means you will only have to fight the traffic getting to Riverside on Tuesday. Saturday will be the field trip or for those wishing to visit Los Angeles, Disneyland, Hollyweird, San Diego, etc., you can do so on a non-commuter day. If you leave on Sunday you will not have to fight the traffic into Los Angeles. By all means, attempt to fly into Ontario Airport, only 25 miles from Riverside. LAX is 70 miles away and it could take you 3+ hours to get to UCRiverside in bad traffic with no accidents. San Diego is only about 100 miles south so that is also an option if flights are cheaper or you want to avoid LAX.

For those staying on campus, we will have the spanking brand new dormitory, with 4 rooms to a suite with a low person-to-bathroom/shower ratio. The dorm has lots of meeting space and computer rooms with Ethernet connections. Registration costs for this meeting may be a little higher than previous meetings because we have to rent out the comfy-chaired University Theatre (all the less-plush student lecture halls are reserved for summer school) and I am forced to use University food services for everything. Field trips will split between a coastal Nature Conservancy site where we will be asked to provide arachnid inventory data post-trip or desert/mountain sites both of which are UCR research reserves. Also being scheduled is a post-meeting trip to another UCR reserve in the Mojave desert where you provide all your needs (bedding, food, transportation) and participants will be limited.

Figure 1: Zoogeography of the cave-dwelling *Neobisium*-complex in Europe:



GRUPO IBÉRICO DE ARACNOLOGÍA: SPINNING THE NET OF THE SPANISH ARACHNOLOGY

Méndez, M.

Although the Iberian Peninsula probably hosts one of the highest arachnid species richness of Europe (Duffey, 1983), the current knowledge of the iberian arachnofauna still very incomplete. Species are still being described (e.g. Bosmans & Van Keer, 1999), and the distribution of the arachnofauna already described is known only in very coarse terms.

Last summer a group of Spanish arachnologists, led by Antonio Melic, belonging to the “Sociedad Entomológica Aragonesa” (S.E.A.) began to consider the creation of a “working group” within that society in order to promote the study of arachnids.

This initiative was welcome among the iberian arachnological community and it was soon realised that a formal reunion was necessary in order to better define the objectives and functioning of the group. With the attendance of 17 arachnologists, a meeting was hold on 4 November 1999 at Zaragoza (Spain), in which the group was officially founded. A first directive committee was elected, composed by Antonio Melic (president), José Antonio Barrientos and Eduardo Morano. The definitive name for the group was agreed to be Grupo Ibérico de Aracnología (G.I.A.), and the taxonomic scope of the group was extended to include all the arachnids, fossils included, and Pycnogonida. Current financial situation makes unrealistic creation of an independent arachnological society, so the G.I.A. will remain as a working group within the S.E.A. However, the group will have broad autonomy, and provisory statutes have been elaborated. At the present moment, G.I.A. counts with the membership of 35 arachnologists from Spain and Cuba.

The G.I.A. intends to promote the arachnological studies of the iberian arachnids by all suitable means. Among the immediate objectives of G.I.A. are the following:

- (1) to defend the existence and objectives of the group,
- (2) to set a framework that guarantees the communication among all iberian arachnologists,
- (3) to coordinate different projects related to iberian arachnology.

Interchange of ideas and information among the members will be capital for the success of this project, and G.I.A. is working in this aspect. A discussion list (Aracnologia), not limited to members of the group, has been already launched. The homepage ><http://entomologia.rediris.es/gia>< include an bibliographic index of iberian arachnological papers, a catalogue of all iberian spiders (<http://entomologia.rediris.es/gia/catalogo>) (Eduardo Morano) and an online library which will include articles about basic techniques and reference papers in the study of arachnids.

Among the projects already proposed during the meeting of Zaragoza figure the elaboration of an identification key of all the arachnids of the Iberian Peninsula to genus or species and the creation of a faunistical data base, in order to improve the knowledge of the distribution of the iberian arachnids. Dr. J. A. Barrientos is also involved in the project Agelena, which consist of the development of an arachnological identification tool based in the abilities of Internet to access and link data and images.

The first threads of this iberian web of arachnologists have already been laid. We greet our European colleagues and welcome any suggestions and collaborations that help us to achieve our goal, a better knowledge of iberian arachnofauna.

Grupo Ibérico de Aracnología ≤ GIA Avda. Radio Juventud, 6 50012 ZARAGOZA (SPAIN) amelic@retemail.es

References Bosmans, R. & Van Keer, J. (1999) The genus *Enoplognatha* Pavesi, 1880 in the Mediterranean region (Araneae: Theridiidae). Bull. Br. arachnol. Soc. 11: 209-241. Duffey, E. 1983. Nota preliminary sobre arañas del Alto Aragón Occidental. Pirineos 118: 41-48.

Zoogeography of European cave-dwelling pseudoscorpion fauna of the *Neobisium*-complex

by Václav DUCHÁÈ

Department of Biology, University of Hradec Králové, Váta Nejedlého 573, CZ-50003 Hradec Králové, Czech Republic

Pseudoscorpions of the *Neobisium*-complex, which includes the genera *Neobisium*, *Roncobisium*, *Protoneobisium*, *Roncus* and *Balkanoroncus*, constitute a characteristic component of European cave-dwelling fauna. Eutroglobiont are species of the genera *Roncobisium*, *Roncus* and *Balkanoroncus*, the subgenera *Blothrus*, *Ommatoblothrus*, *Heoblothrus*, and *Pennobisium* of the genus *Neobisium*, and species of the subgenus *Parablothrus* of the genus *Roncus* (Harvey 1991, Gardini 1994, Heurtault 1994, and others). The subgenus *Blothrus* is the most species-abundant and has become virtually a symbol of European cave-dwelling pseudoscorpion fauna.

Within his study of cave-dwelling pseudoscorpions of the Carpathians, the author of this note was faced with the task to compare the faunas of eutroglobiont pseudoscorpions of various European regions and to identify the position of the Carpathian fauna in the all-European context.

As the map (Fig. 1) shows, eutroglobiont pseudoscorpions of the *Neobisium*-complex have been observed in southwestern, southern, eastern, and southeastern Europe (and also in Caucasus). The northern and western boundaries of their occurrence are identical with the boundaries of so-called Neoeurope. This tectonically youngest part of the continent arose during folding in the late Mesozoic and in the Tertiary age during the Alpine orogeny. The relationship between the area of occurrence of the eutroglobiont pseudoscorpions of the *Neobisium*-complex and the boundaries of Neoeurope is in line with the theories of the origin and diversification of Dinaric fauna of cave-dwelling pseudoscorpions as published, e.g., by Eurèie (1988) and by Eurèie et Dimitrievè (1996).

We suggest that the recent area of overall occurrence of European cave-dwelling pseudoscorpions of the *Neobisium* complex is divided into several regions which correspond to certain orographic units of Neoeurope and differ mutually in the abundance of the individual genera and subgenera. In particular, we suggest that the following zoogeographic regions can be identified and specified (without Caucasus region):

1. Iberian region – includes a substantial part of the Pyrenean Peninsula, southern France and the Balearic Islands. About 18 species of the subgenus *Blothrus*, 5 species of the subgenus *Ommatoblothrus*, 8 species of the subgenus *Parablothrus*, and the genus *Roncobisium* as an endemic organism have been observed in this region (see Harvey 1991 and others). Two subregions can be distinguished:

a) Pyrenean subregion, which is appreciably more abundant in species of the subgenus *Blothrus* and involves the endemic genus *Roncobisium*.

b) Betic subregion, from which species of the subgenus *Blothrus* are absent (except for one species found on the Balearic Islands).

2. Southern European region – European area to the south of the Alps and Carpathians including Corsica, Sardinia and the Apennine Peninsula. This region is most abundant in eutroglobiont pseudoscorpions of the *Neobisium*-complex. Over 40 species of the subgenus *Blothrus*, 12 species of the subgenus *Ommatoblothrus*, and over 20 species of the subgenus *Parablothrus* have been observed in that region (Beron 1994, Harvey 1991, Gardini 1994, Heurtault 1994, and others). The subgenera *Heoblothrus* and *Pennobisium* and the genera *Protoneobisium* and *Balkanoroncus* are endemic. The following subregions are distinguished:

a) Apennine subregion, from which species of the subgenus *Blothrus* are absent but the majority of representatives of the subgenus *Ommatoblothrus* (8 species) and one-third of species of the subgenus *Parablothrus* are present.

b) Alpine-Dinaric subregion, which is the most interesting region from the faunist point of view. Of all the subregions of Europe, this region is the most abundant in species of the subgenus *Blothrus* (all of the 36 species) and of the subgenus *Parablothrus* (about 14 species). Although poor in species of the subgenus *Ommatoblothrus*, this region hosts the endemic subgenus *Pennobisium* and the genus *Protoneobisium*. According to Eurèie (1988), this last-mentioned genus (comprising a single species, *P. biocovense*) represents an endemic pseudoscorpion which is probably vestige of an ancient

faunal complex of the Tertiary age.

c) Balkan subregion, which is considerably poorer in species than the Alpine-Dinaric region (about 5 species of the subgenus *Blothrus*, 2 species of the subgenus *Ommatoblothrus*, and 2 species of the subgenus *Parablothrus*) but hosts 2 species of the endemic subgenus *Heoblothrus* and 2 species of the endemic genus *Balkanoroncus* (see Harvey 1991).

3. Carpathian region, where only the subgenus *Blothrus* occurs (mere 6 species) and thus is among the faunistically poorest regions (Harvey 1991, Duchàè 1999). This region is interesting in that it is the northernmost occurrence of the subgenus *Blothrus* in Europe (the species *Neobisium* (*B.*) *slovacum* observed in Slovak Republic – see Fig. 1 – arrow).

In considerations regarding the identification of the various regions we took into account, as well as the recent composition of the faunas, the palaeogeographical situation existing in southern Europe during the Tertiary age.

Since the oldest Palaeocene, the Iberian region had been separated from the South-European region by sea basins whose offshoot penetrated into today's southern France as late as the Pliocene. Although today's Corsica and Sardinia were in contact with the Iberian region in the oldest Palaeocene, they have been separated from it since the lower Oligocene and got in contact with the South-European region.

When looking at the map (Fig. 1), the Carpathian region may seem to be part of the Alpine-Dinaric region. In fact, initially the faunas of the two regions were probably interrelated but not later than the Pliocene they were separated from each other by lake basins to undergo further evolution in an isolated manner.

The above zoogeographic division of the European fauna of eutroglobiont pseudoscorpions of the *Neobisium*-complex is suggested based on the present status of knowledge. Any new observations may refine and/or revise this suggestion.

Acknowledgement

The author wishes to than Assist.-Prof. Dr J. Vítèk for valuable comments on the manuscript and Mrs. P. Koutníková for technical help.

References:

- Beron, P., 1994. Résultats des recherches biospèléologiques en Bulgarie de 1971 à 1994 et list des animaux cavernicoles bulgares. Série Tranteeva, 1, Sofia. Eurèie, B. P. M., 1988. Cave-dwelling Pseudoscorpions of the Dinaric Karst. Slov. Acad. Znan. Um. Ljubljana. Eurèie, B. P. M. et Dimitrievè, R. N., 1996. On the origin and diversification of some cave pseudoscorpions from the Carpatho-Balkan arch. 16 th Eur. Coll. Arachnol., Siedlce. Duchàè, V., 1999. Merkmale zur Bestimmung der Art *Neobisium* (*Blothrus*) *slovacum*. Ent. Z., 109: 175 – 180. Gardini, G., 1994. Arachnida. Pseudoscorpionida. In: Minelli, A. (ed.). Checklist delle specie della fauna italiana, 22. Calderini, Bologna. Harvey, M. S., 1991. Catalogue of the Pseudoscorpionida. Manchester Univ. Press, Manchester-New York. Heurtault, J., 1994. Pseudoscorpions. In: Juberthie, Ch. et Decu, V. (eds.). Encyclopaedia Biospeologica. Moulis-Bucarest: 185 – 196.

Figure 1: Zoogeography of the cave-dwelling *Neobisium*-complex in Europe:

Genus *Neobisium*:

- subgenus *Blothrus*
- ★ subgenus *Ommatoblothrus*
- ✱ subgenus *Heoblothrus*
- subgenus *Pennobisium*

Genus *Roncobisium* ○

Genus *Protoneobisium* +

Genus *Roncus*:

▲ subgenus *Parablothrus*

Genus *Balkanoroncus* ⊗

— — — — boundaries of Neoeurope;

- · - · - · boundaries of the regions;

..... boundaries of the subregions (modified according to Heurtault 1994)

The American Arachnological Society
First Quarter Financial Report 14
April 2001

Total Assets, end of 2000 **\$48,988.07**
 Balance in Checking Account , 31 Dec. 2000; Union Planters
 Account, # 8700018793 **\$14,090.03**

Deposits

Interest (through March) 130.71
 Membership (includes co-coll dues) 23,818.69
 Funds from 2000 meeting in KY 3,982.78
 Sales, back issues 165.00
 Sales, Spider Genera 27.00
 Source Uncover 30.00
 Credit memo 24.45

Subtotal \$28,178.63

Expenses

Allen Press, JOA 28 (3) 8,454.48
 Allen Press, PDF files 988.00
 Karen Cangialosi, seed money for 2001 meeting 500.00
 UC Regents, hall rental for 2002 meeting 750.00
 Mailing back issues, P.O. Rental 134.47
 Whitehall Printing Co., reprinting of Spider Genera 2,258.18
 Miami of Ohio, Newsletter 2,000.00
 Debit memo 10.00

Subtotal \$15,095.13

Balance \$27,173.53

Activity in Smith Barney Account #221-11904-14-14
 Balance in account, end of 2000 \$35,657.12
 Amount in CD \$20,000.00
 Amount in money market \$15,740.57
 money funds earnings this year \$ 101.42
 Balance in account, Feb 25, 2001 \$35,740.57

Total Assets \$62,914.10

Notes: Last year at this time we \$66,920; this year we have \$62,914.

Last year at this time we had written checks for student awards; have not done so yet this year.

We have paid for the reprinting of spider genera (\$2258)

We have put provided seed money for the next two meetings (NH- \$500; CA, \$750)

We have paid Allen press for PDF files (\$988) and we got nearly \$4000 back from the KY meeting.

Respectfully submitted,
 Gail E. Stratton, Treasurer
 American Arachnological Society
 P.O. Box 2198, Oxford, MS 38655

Proposed American Arachnological Society
Annual Meeting

Denver Museum of Nature & Science

Thursday July 24 – Monday July 28, 2003

Hosted by Dr. Paula E. Cushing, Curator of Entomology & Arachnology

Hosting the 2003 AAS meeting at the DMNS has been approved by the Department Chair of Zoology and by the Chief Curator's office. The proposed schedule for the meeting follows.

Thursday, 24 July: arrival and registration at an area hotel and/or at a local University (if we can arrange for such a collaboration)

5 p.m. – 9 p.m. social in the atrium with a tour of the Museum(?)

Friday, 25 July:

8:30 a.m. – 10:15 a.m. Paper sessions in Ricketson Aud.
 10:15 a.m. – 10:30 a.m. coffee/pastry break in Ricketson Lobby
 10:30 a.m. – 12:30 p.m. Paper sessions in Ricketson Aud.
 12:30 a.m. – 1:30 p.m. Lunch in T-Rex or Deli or off-site
 1:30 p.m. – 3:15 p.m. Paper sessions in Ricketson Aud.
 3:15 p.m. – 3:30 p.m. coffee/pastry break in Ricketson Lobby
 3:30 p.m. – 4:45 p.m. Paper sessions in Ricketson Aud.
 Friday evening, off-site activities

Saturday, 26 July:

8:30 a.m. – 10:15 a.m. Paper sessions in Ricketson Aud.
 10:15 a.m. – 10:30 a.m. coffee/pastry break in Ricketson Lobby
 10:30 a.m. – 12:30 p.m. Paper sessions in Ricketson Aud.
 12:30 a.m. – 1:30 p.m. Lunch in T-Rex or Deli or off-site
 1:30 p.m. – 2:45 p.m. Poster session in Ricketson Lobby
 2:45 p.m. – 3:00 p.m. coffee/pastry break in Ricketson Lobby
 3:00 p.m. – 4:30 p.m. Paper sessions in Ricketson Aud.
 5:30 p.m. – 7:30 p.m. Catered banquet in Atrium
 7:30 p.m. – 9:00 p.m. Evening entertainment (usually a traditional AAS auction to raise money for the society & announcement of student paper/poster awards)

Sunday, 27 July:

8:30 a.m. – 10:15 a.m. Paper sessions in Ricketson Aud.
 10:15 a.m. – 10:30 a.m. coffee/pastry break in Ricketson Lobby
 10:30 a.m. – 12:30 p.m. Remaining Paper session in Ricketson
 12:30 p.m. – 1:30 p.m. Lunch in T-Rex or Deli or off-site
 1:30 p.m. – 2:30 p.m. Business Meeting Ricketson Aud.
 2:30 p.m. – 3:30 p.m. Tour of Collections (probably just Zoology unless we can also get Logan to give a tour of the fossil insect collection)
 4:00 p.m. Optional evening picnic/collecting trip to local area (Jefferson Co. open space??)

Or Optional evening slide show in Ricketson Auditorium

Monday, 28 July:

8:00 a.m. All-day field trip into the mountains

Auction	1,008.50
Refund from student award	168.74
Transfer from Smith Barney money market account	10,000.00
Return of checks not cashed (re-issued)	1,780.00
Subtotal \$	42,999.48

Expenses

Allen Press	26,845.19
JOA 27-3	9,429.00
JOA 28-1	9,207.89
JOA 28-2	8,208.30
Newsletter	500.00
Co-collected dues	12,467.00
Start up for meeting	400.00
Postage (editors, back issues, etc)	1,042.36
Filing fees (State of CA)	85.00
Honoraria, managing and subject editors	2,500.00
Student research awards (7 awards)	4,785.00
Student paper awards (meeting)	300.00
Bank fees	277.20
IRS penalty (late filing for form 990, 1998)	1,834.61
Donation to Vince Roth Fund (CA Acad.)	1,033.23

Subtotal \$52,069.59

Balance, end of 2000 \$13,915.45

Activity in Smith Barney Account

Balance in account, 16 Oct., 2000 #221-11904-14-14	\$43,050.10
Amount in CD	\$20,000.00
Amount in money market	\$15,072.62
Funds to checking acct this year	\$10,000.00
Interest, yr 2000	\$2,670.07
Balance in account, 31 Dec., 2000	\$35,072.62

Total Assets, end of 2000 \$48,988.07

Figure 1. Summary of AAS income and expenses from 1986-2000

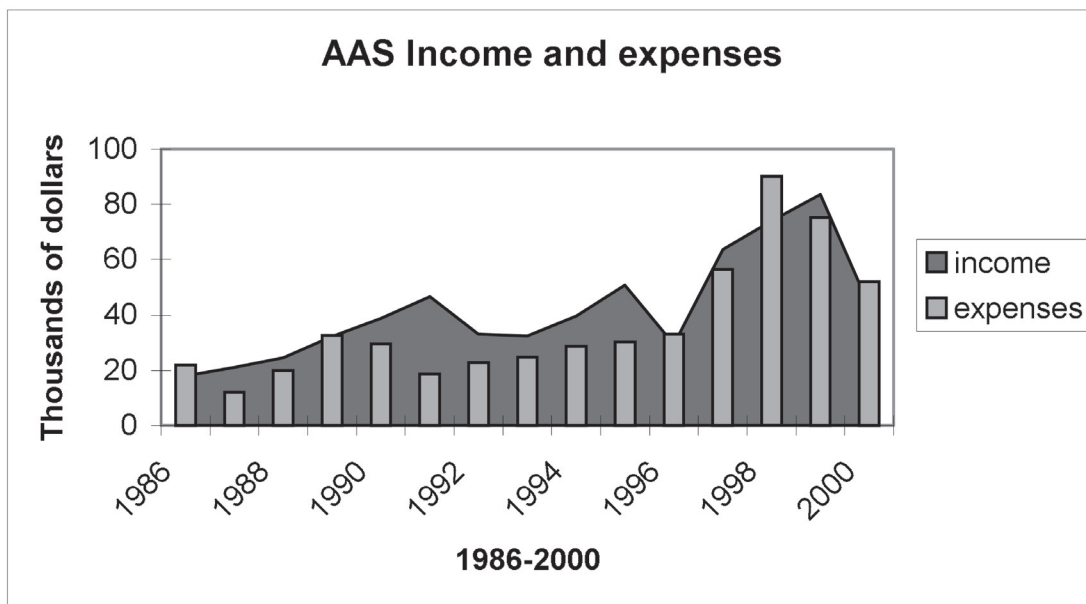
Table 1. Summary of income and expenses in thousands of dollars.

<u>Year</u>	<u>Income</u>	<u>Expenses</u>	<u>Assets</u>
1986	18	22	4.388
1987	21	12	17.192
1988	24.5	20	19.997
1989	32.3	32.7	20.325
1990	38.8	29.5	29.148
1991	46.575	18.67	57.839
1992	33.03	22.74	55.791
1993	32.53	24.82	70.762
1994	39.73	28.76	87.06
1995	50.76	30.28	105.00
1996	29.36	33.08	106.3
1997	63.58	56.33	117.66
1998	73.86	90.11	92.26
1999	83.61	75.3	66.03
2000	42.99	52.06	48.98
	Avg 99-2000	\$63.304	\$63.684
	Avg 95-2000	\$57.363	\$56.199

Respectfully submitted,
Gail E. Stratton, Treasurer
American Arachnological Society
P.O. Box 2198, Oxford, MS 38655

Pat Miller reminds us:

Back issues of many of the earlier volumes of the Journal of Arachnology are available. The cost is \$15.00 for each number (AAS will pay shipping costs). Write or email Pat Miller to find out which numbers are still available. Please be willing to send a check or money order for payment. During the school year (August - May), Pat can be reached at: pmiller@nwcc.cc.ms.us; P.O. Box 5354, Northwest Mississippi Community College, Senatobia, MS 38668 In the summer, from May-Aug each year Pat can be reached at: pmiller@olemiss.edu; 956 Highway 7 N Abbeville, MS 38601



TREASURER'S REPORT

The American Arachnological Society Third Quarter Financial Report 16

Oct. 2000

Total Assets, end of second quarter, 2000 **\$58,132.40**
 Balance in Checking Account, end of second quarter, 2000;
 Union Planters Account, # 8700018793 **\$13,958.81**

Deposits

Membership (includes co-coll dues)	1,162.00
Sales, Spider Genera	84.00
Sales, Source Uncover	30.00
Sales, Back Issues	170.00
Interest (through June)	97.91
Auction, AAS meeting 2000	1,008.50
Credit memo	8.00
Reimburse from Charter Bus Co.	85.00
Voided check to Acta Arachnol. Sinica, 1998 (co-coll. Dues)	660.00

Subtotal \$3,305.41

Expenses

Allen Press, JOA 28(1)	9,207.89
Student awards, AAS meeting	300.00
Postage, Editor, Treasurer	12.85
State of California, filing fee	20.00
Reissue of check to Zhao, Acta Arachnol. Sinica, 1998	660.00
Processing fee	15.50

Subtotal \$10,416.24
Balance \$6,847.98

Activity in Smith Barney Account

Balance in account, 28 May, 2000 # 221-11904-14-14
\$44,173.59

Amount in CD	\$20,000.00
Amount in money market	\$24,365.75
Dividends and interest	\$363.85
Balance in account, 27 Aug., 2000	\$44,537.44

Total Assets: \$51,385.42

Respectfully submitted,
 Gail E. Stratton, Treasurer
 American Arachnological Society
 P.O. Box 2198, Oxford, MS 38655

The American Arachnological Society Fourth Quarter Financial Report 28

Dec. 2000

Activity in Checking Account
 Total Assets, end of third quarter, 2000 **\$ 51,385.42**

Balance in Checking Account, end of third quarter, 2000;
 Union Planters Account, # 8700018793 **\$6,847.98**

Deposits

Membership (includes co-coll dues)	7,400.00
Sales, Back Issues	335.00
Interest (through Nov.)	16.08
Funds from 2000 meeting	428.00
Refund from student award	168.74
Transfer from Smith Barney money market account	10,000.00

Subtotal \$18,347.82

Expenses

Allen Press, JOA 28(2)	8,208.30
Printing and mailing renewal notices	340.00
Postage, Back issues, editor	210.61
State of California, filing fee for 1998	65.00
Honoraria, managing and subject editors	2,500.00
Wire transfer fee	15.00

Subtotal \$11,338.91
Balance \$13,856.89

Respectfully submitted,
 Gail E. Stratton, Treasurer
 American Arachnological Society
 P.O. Box 2198, Oxford, MS 38655

The American Arachnological Society Final Financial Report 28 Dec. 2000

Total Assets end of 1999 \$ 66,035.66

Balance in Checking Account, end of 1999; Union Planters
 Account, # 8700018793 **\$ 22,985.56**

Deposits

Membership (includes co-coll dues)	28,005.00
Total sales	1,059.50
back issues	555.00
Spider Genera	438.50
Source Uncover	66.00
Interest	464.74
Refund from 2000 meeting	513.00

B. Criteria

1. Abstract and paper title:

Organization, clarity, completeness. The abstract should summarize the main results of the research.

2. Scientific merit:

Difficulty and scope of research problem

Approach and design of study

Details of analysis

Creativity of experimental design

Soundness of conclusions

Significance of results

3. Presentation:

Overall organization and clarity, timing of talk

Oral presentation skill, poise

Quality of visual aids

Response to questions

IV. ADDITIONAL PROCEDURES

A. Traditionally, the award is announced at the society's banquet. Students entering the student paper award competition are eligible to buy banquet tickets for a reduced price.

V. AWARDS

The top ranking and runner-up individuals traditionally receive a monetary award. Other awards vary according to donations and other philanthropy.

SAMPLE JUDGING SHEET

Name of Student: _____

Co-authors: _____

Title of Paper: _____

Equal weight (expressed in points from 1-10) should be given to each of the criteria listed below.

Total number of points: 110

1. Abstract and paper title:

_____ organization, clarity, completeness. The abstract should summarize main results of research.

2. Scientific merit

_____ difficulty and scope of research problem

_____ approach and design of study

_____ details of analysis

_____ creativity of experimental design

_____ soundness of conclusion

_____ significance of results

3. Presentation

_____ overall organization and clarity, timing of talk

_____ oral presentation skill, poise

_____ quality of visual aids

_____ response to questions

Points awarded: _____

Total number of points by all three judges: _____

**Arachno-Auction
or
Comb Your Closets**

The annual Arachno-Auction which usually takes place at the Annual Meetings has been named the Vince Roth Auction in honor and memoriam of the founder of the auction and greatest contributor for this occasion. This event has produced significant funding for arachnological research, and always provides fun and sometimes exciting suspense when the bidding gets heated over a rare volume.

Once again we are urging everyone to search your storage, sweep-away the cobwebs (be sure they're unoccupied first), and purge your bookshelves to find books, curios, T-shirts, and other objects for bidding at the Roth Auction. If you plan to contribute items, please notify Karen Cangialosi (meeting host) to enhance coordination of this event. It is good to know that materials you donate will probably go to another arachnophile.

Jerry Rovner wishes to announce a particularly interesting auction submission:

McCook, H. C. 1889-1890. AMERICAN SPIDERS AND THEIR SPINNINGWORK, Vols. I (369 pp.) and II (479 pp).

Recalling the record high bidding at the 1995 Missouri Meeting for Bill Peck's complete set, we'll see if there will be the same enthusiasm this time (Craig Hieber?).

A.A.S. ELECTIONS

We will be running an election this year for President-Elect, Director and Treasurer. The Nominations Committee has identified candidates for these important offices.

A ballot will be mailed to you soon along with biographies of the candidates, and the minutes from the 2000 AAS Business Meeting.

Please take the few moments it takes to make your considered choices and send the ballot back! Every vote is important.

REGISTRATION

Registration fee:

AAS Society Member \$67

Student \$47

*Non-participant \$25

*fee only if partaking in breaks, reception, and BBQ social

Banquet cost:

Regular \$25

Student \$15

Field Trip to White Mountain National Forest:

\$20 (Includes box lunch and transport)

T-shirts of various sizes:

All shirts are \$12.00

ABSTRACT SUBMISSION

All presentations will be 15 minutes long including questions. Please bring your presentation on a floppy disc, zip disc, or CD if you plan to use PowerPoint. Poster presentation should fit into a 3x5 foot space. If you need another type of equipment that is not listed below, please email Karen Cangialosi with your request.

The following equipment will be available:

Microsoft Powerpoint 2000 for PC (Windows)

data projector

slide projector

overhead projector

VCR

OUR HOST

Dr. Karen Cangialosi

Keene State College

229 Main Street, MailStop 2001

Keene, NH 03435-2001

kcangial@keene.edu

1-603-358-2578 FAX: 1-603-358-2897

<http://www.keene.edu/orgs/aas/>

25th Annual Meeting



**2001:
A SPIDER ODYSSEY**

Keene State College

Student Paper Presentation Award Guidelines

I. ELIGIBILITY

A. The student should submit a copy of the paper's abstract to the meeting organizer by the specified deadline (**8 June, 2001**). In addition to the abstract, a letter should contain the name of the major professor who supervised the work. The name and mailing address of the Meeting Host is :

Dr. Karen Cangialosi

Keene State College

229 Main Street, MailStop 2001

Keene, NH 03435-2001

kcangial@keene.edu

1-603-358-2578 FAX: 1-603-358-2897

B. The presentation either represents independent or joint research in which the student's contribution has been substantial. In case of a co-authored paper the student presenting the paper must be first author.

C. Entry is limited to one standard research paper per meeting (invited symposia presentations and poster presentations are excluded from competition.)

D. Previous winners of the outstanding Student Paper award are not eligible.

II. JUDGES

A. A panel of three judges will be appointed by the President-Elect before the meeting. The abstracts of all student papers and a copy of the judging guidelines will be mailed to each judge prior to the meeting. An appropriate number of evaluation sheets (listing the criteria as below) shall accompany the abstract package for each judge. Judges will be chosen from different disciplines (systematics, morphology, physiology, ecology, behavior).

B. Efforts should be made to avoid bias or conflict of interest in judging, either by appointing judges with no students in the competition or, if that is unavoidable, by having judges abstain from voting on their own students.

C. Judges should meet twice: once before the paper presentation to review the guidelines and once afterward to make a decision on ranking.

D. At least one hour should be available between the last eligible presentation and the scheduled announcement of the award.

III. EVALUATION

A. Judges should give equal weight (expressed in points from 1-10) to each of the criteria listed below. Decisions should be based on the total points earned. In co-authored papers, the judges will carefully evaluate the student's contribution to the presented research. In case of a tie or very close ranking, the judges may decide on a joint award.

**Cost estimates for ground transportation
(one-way)**

Airport

Total for 4-10 people*		per person
Boston, MA	\$200.00	(\$20.00-\$50.00)
Hartford, CT	\$193.00	(\$19.30-\$48.25)
Manchester, NH	\$158.00	(\$15.80-\$39.50)

*Cost will be higher for those traveling in groups of 1-3 or arriving between 9:30 pm and midnight.

Schedule of Activities

Saturday, 7 July - Arrival and Evening Reception

Sunday, 8 July - Paper and Poster sessions, Informal Evening

Monday, 9 July - Morning Paper session, Afternoon BBQ at Otter Brook

Tuesday, 10 July - Paper sessions, Business meeting, Banquet and Auction

Wednesday, 11 July - Field Trip to White Mountain National Forest

Field Trip to White Mountain National Forest

Located right in the center of the White Mountain National Forest, Franconia Notch State Park in New Hampshire is 6,692 wild acres of amazing outdoor fun and recreation. Truly a park of all seasons, whether it is skiing on Cannon Mountain, canoeing Echo Lake, hiking the Appalachian Trail, taking a leisurely auto tour, camping in the backcountry, or climbing one of several very challenging and rewarding mountains, it is all found here. Like so many other scenic wonders in the northern half of the United States the Wisconsin Glacier created the terrain that is Franconia Notch State Park approximately 15,000 years ago. The scouring powers of the ice in the glacier removed the soil and left the red Conway Granite behind, sculpting this narrow valley and leaving some of the highest peaks in New England. One of the major features of Franconia Notch is The Basin. For the last 15,000 years the Pemigewasset River has been cascading down into a natural pool made of solid granite. Through the forces of time, water, sand and small stones have carved a pothole at the falls base that has grown to over 20 feet in diameter. A short gravel trail leads to The Basin.

In the morning, we'll visit the Basin with its

beautiful cascading waterfalls. Here you can swim, hike, and collect spiders. In the afternoon, we'll go to Cannon Mountain and take an optional ride (\$8.00 not included in field trip price) on the tram/gondola to the mountain peak, which will give us one of the most beautiful views of Franconia Notch (on a clear day). If you prefer, stay at the Basin for more spider collecting time. Total price includes box lunch and transportation (\$20.00). We'll go rain or shine.

The preceding information was taken from the following website. For more information, visit http://www.outdoorplaces.com/Destination/stateparks/new_hampshire/franconia/

Guest Excursion

On Sunday, July 8th, guests can take a tour boat ride on Lake Sunapee, a scenic New Hampshire mountain lake. Have lunch at a local Inn at your own expense. If weather permits, spend some time sunning at the beach at Sunapee State Park. Approximate cost is \$25.00. Please email Karen Cangialosi to sign up. Payment due when you arrive.

HOUSING FACILITIES

All participants can stay in the Holloway Hall dormitory. Be aware that there is no air-conditioning. Sometimes it's not that hot here even in July, but it can be. (The paper sessions will be in air-conditioned space). Please contact Karen Cangialosi if you have any special housing needs (physically challenged, families).

The cost is \$22.00/night for a single (limited availability) in Holloway Hall, and \$17.00/night for a double. An \$8.00 linen fee will automatically be charged to anyone staying in Holloway Hall.

Please check the dates you will be staying in Holloway Hall on the on-line Meeting website.

MEALS

There are several good places to eat within easy walking distance from campus or a short drive. However, meals are available in the dining hall (typical dining hall fare). Breakfast (\$3.40) Lunch (\$5.00) Dinner (\$7.00)

Please note: Dinner will not be available on July 9 or 10 because of the banquet and dinner outing in the park.



2001:

A SPIDER ODYSSEY

Keene State College

AMERICAN ARACHNOLOGY

The Newsletter of the American Arachnological Society

NUMBER 63

May 2001

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*****PLEASE NOTE*****

Be looking for your ballot for the 2001 AAS election in the mail soon. Please do not delay sending your ballot.

--Dates & Deadlines--

- A.A.S. Research Fund 15 January, 2001
- 2001 Keene, New Hampshire USA
- 2002 Riverside, California USA
- 2003 Denver Museum of Nature & Science
- 2004 Norman, Oklahoma USA

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 B. Cady, Dept. Zoology, Miami Univ.-Middletown, 4200 E. Univ. Blvd., Middletown, Ohio, 45042, USA, (513/727-3258, FAX: 513/727-3450; E-mail: CADYAB@MUOHIO.EDU). Deadline for receipt of material for the Fall issue (Vol. 64) is 15 September, 2001. All correspondence concerning changes of address and information on membership in the American Arachnological Society should be addressed to the Membership Secretary, Norman I. Platnick, American Museum of Natural History, Central Park West at 79th St., New York, N.Y., 10024 U.S.A., (FAX: 212/769-5277). Members of the Society also receive the JOURNAL OF ARACHNOLOGY, published triannually.

25th Annual Meeting of the American Arachnological Society

A Spider Odyssey

Keene, New Hampshire
7th-11th July, 2001

Hosted by
Keene State College

PLEASE NOTE

All registration and abstract submission will be through the official 25th AAS Meeting Website:
<http://www.keene.edu/orgs/aas/>

If it access to the website is not possible, please write or FAX to our host, Dr. Karen Cangialosi, at the addresses below. The forms will then be sent to you.

DEADLINE FOR REGISTRATION AND ABSTRACTS IS 8 JUNE, 2001

TRAVEL

Visit the Keene State College website for directions, a list of local dining & lodging, a map of Keene and more information about Keene, NH. The closest airports to Keene are in Hartford, CT, Manchester, NH & Boston, MA. All of these are roughly 2 hrs away (Logan airport in Boston is a bit further and a bigger pain to deal with. Unless you get a significantly cheaper fare, I don't recommend it). Ground transportation from these three airports will be arranged with Thomas Transportation, a Keene based transportation service. The cost of transport will vary depending on the airport and number of travelers. Please email your flight arrival date, time, airline & flight #, so that I can make arrangements to group people together for cheaper transport costs.