

## American Arachnology

ISSUE # 11

APRIL 1974

EDITOR: B. Vogel  
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Billings Montana  
59102 USA

### AMERICAN ARACHNOLOGY # 11

This issue of the Newsletter is a slap-dash note rushed out between a winter fraught with severe personal problems, a 1500 mile move, and dashing off to the 6th International Arachnological Congress in Amsterdam. At least we are pleased that the events occur in this order, with the Congress to look forward to, after months of having spider thoughts crowded in the corner. Alas, the sequence of events has little effect on the quality of the newsletter, it is still a rushed publication.

AA is again facing some technical problems. The circulation has grown to such size that few institutions are willing or able to underwrite its printing and distribution, and we will probably have to begin to charge for it. Also we seem to have moved to a region where Xerox costs are 4 x higher. This would greatly increase cost of back issues unless someone else can take over this activity.

In Austin, the standard cost/page was 4¢. In Billings the cheapest we have located is 15¢. During the past months since the publication of AA # 10, about 75 new members have received copies of that newsletter. At these copying rates this practice will not be possible. We call for a volunteer with access to cheap Xeroxing ( please do not confuse this brand name of copying with other processes) to take over filling orders for back issues and sending out the current issue to new members.

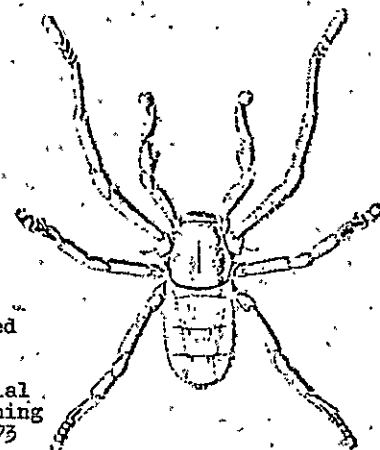
### JOURNAL OF ARACHNOLOGY

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( With apologies to Bob Mitchell, Editor, that we don't have the correct logo)

The newsletter is not the only publication with problems. We all awaited eagerly the birth of our Journal last fall, and were pleased and delighted when it was finally published only a few weeks off schedule. Encouraged by the many compliments on the first number of the Journal, Bob and his Editorial Crew turned themselves to the task of turning out Issues 1(2) and 1(3) by the end of 1973 or shortly there after. This is when the troubles started. I think Bob can best describe them in his own words. I quote from a letter dated 15 Feb 1974:

" 1(2) should have been printed in December - all paste-ups were ready then. It included Gertsch's long leptonetid paper. The plates were already in Austin. I found though that I needed them back and Terry ( the printer) mailed them to me. They never showed



up. I went all the way to the Postmaster General's office about it - even got a letter from Klassen himself. But they are nowhere - all 155 of them. I cannot tell you how I felt to call Gertsch and let him know this. It's a nightmare I wish I did not have to think about. Of course it shot the issue to hell. 1(20 and 1(3) then had to be reconstituted.

" 1(2) is now pasted-up all over again and proof copy is out. Issue will be out within a month, I believe. 1(3) is mostly typeset and proof will be out in a week or so. Gertsch, of course, will have to redo the drawings and when he does, 2/3 of an issue is then ready.

" To top this all off, Albert Jung sent a paper in December and it never arrived! WE MUST START SENDING ALL SUCH MATERIALS BY

REGISTERED MAIL

( The Postmaster General suggested this himself and I think that's a hell of a reflection on the Postal Service).

" In spite of all this, I think we are in pretty good shape to get on schedule in a year or so."

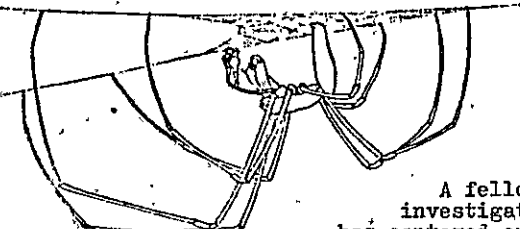
We thank all those of you who have sent compliments and encouragement, and thank you many for your patience. For those few who have written saying " where in hell is my copy of the Journal?" we wish to remind you that most of the work of publication falls on the shoulders of a very few, and there are after all only 25 hours in the day even with DST.

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REQUESTS - ANNOUNCEMENTS - ETC.

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George Uetz  
Dept of Ecology, Ethology  
& Evolution  
Univ of Illinois  
202 Vivarium Bldg  
Healy & Wright Sts  
Champaign Ill 61820



A fellow grad student and I are investigating Argiope spiders. Our work has centered on trifasciata and aurantia, which are the only members of the genus in Illinois. Would like to include for comparison the other American species: argentata, blanda florida and savignyi, but do not have the funds to travel to Florida, Mexico or the tropics to collect.

We are interested in any published, unpublished or anecdotal records -- prey, web measurements, habitat notes, etc. as well as specimens. We are willing to trade specimens or pay postage.

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Somewhere there is a copy of Savigny, J.C. 1817, Description de l'Egypte. Atlas Histoire naturelle, Tome II, Paris, with Plate I missing. I have that plate and will give it up to complete the volume. The plate found its way to Cornell some years ago and was passed on to me.

Vince Roth, Resident Director, Southwestern Research Station, Portal ARLZ 85632

PROPOSED LIBRARY OF SPIDER SYSTEMATICS ON MICROFICHE

A British company is proposing to publish a comprehensive library on world spider systematics in the form of microfiche. This is expected to include over 30,000 pages of original and will include many fundamental books and papers that are virtually impossible to obtain today. The set of microfiche will probably occupy two small 6" x 4" x 4" boxes and will be accompanied by a conventionally printed and bound index volume. The cost, including a large-screen reader, will be in the region of \$ 700. If the arachnological community shows sufficient interest, it is hoped to expand the programme to include a set on all aspects of spider biology as well as a set on all the non-scarine orders. Thereafter it is hoped to publish supplementary sets at regular intervals to maintain an up-to-date coverage of the arachnid literature.

In order to assess the demand for such a publication it would be extremely helpful if prospective purchasers would write to



Dr. J. A. L. Cooke  
Oxford Scientific Films Ltd.  
Long Hanborough, Oxford  
England



mentioning any special points that they would consider including.

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BAY AREA ARACHNOLOGISTS

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Dr. Schick initiated the idea and has been the leading force in the organization of the club. Dr. Schlinger from Berkeley and Dr. Williams from Calif State Univ, S.F. will assist in planning in the coming year.

The first meeting in October 1973 was attended by approximately 30 people from the San Francisco, Berkeley and Davis campuses primarily. Organizational discussion preceeded the slides shown by Dr. Ross. It was agreed that the group, at this point, should be informal with elections for new committee members in one year. General introductions were made around the room. There was unanimous agreement that field trips should be planned, as well as a meeting devoted to learning to key and identify spider families. An exchange of skills and techniques was stressed. The club will also hear informal papers by workers in the field and thus offer guidance and helpful critique of on-going research. It was agreed to schedule the meetings on a bi-monthly basis. The members were asked to consider a name for the club for the next meetings.

The key stimulus and active response to the first meeting can be attributed to the growing number of people interested in arachnids and also the need for those already deeply involved to have a chance to exchange ideas, methods and knowledge.

The general discussion of aims was followed by an impressive collection of arachnid slides taken by Dr. Ross. The colorful slides illustrated the diversity of arachnid fauna in a world-wide scope. The spiders were especially beautiful, from the ant mimics in the tropics to the predatory Thomisids.

Linda Floyd, Secretary  
Dept of Ecology & Systematics  
Calif. State Univ. S.F.



Activities of AMERICAN ARACHNOLOGISTS

Joe BEATTY at Carbondale writes of his past year, a sabbatical

" It was a long trek, and I was thoroughly sick of plane travel by the time it was over.

" Jim Berry and his wife, from Butler University, preceded me to Palau by a month. We stayed there another three months after my arrival, and collected the 12 islands in the Palau District. Altogether got 150 species of spiders, more or less, in that area. Then paid shorter visits to Yap, Guam, Ponape and Truk, adding a considerable number of species, even though the faunas were rather similar, especially Palau-Yap-Guam. We must have 200 species or more from all our Micronesian collecting, including that in the Marshalls in 1968-69.

" After the above trips we separated at Guam, Jim and Betsey going to Taiwan and southern Asia, and visiting the museums in Paris and London on the way home. I went by way of Manila and Singapore to Darwin, where I collected for about five days, then to south-eastern Australia and New Zealand, where I spent a week as guest of Ray and Lyn Forster while examining specimens and collecting. Five days in American Samoa and a week at the Bishop Museum in Honolulu on the way back completed the trip:

" After a few weeks catching up on things here I took off for at least a little collecting in the Lake Erie Islands, for the 6th consecutive summer of work there. "

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Ellen BENEDICT from Portland, Oregon writes

I have worked on pseudoscorpions since 1966 and have written three papers. ( 1970, 1973 and in press J. Arach ). These papers are jointly authored with David R. Malcolm, my major professor. I am also working on my doctoral dissertation which is likely to be entitled " Systematics and Biogeography of Pseudoscorpions from Western Oregon." I expect to complete my research for the degree by early 1975.

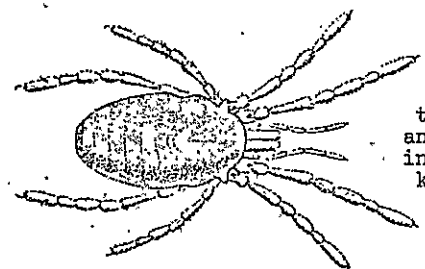
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Bob MESIBOV, an expatriat AA writes from Tasmania.

In 2 days ( January ) I'll be marking my 1st anniversary as an Australian immigrant, and I've loved every minute of that year. I spent last Feb-June doing orchard work ( apple-picking ) and Australianizing myself. Since then I've been an assayer at an iron mine in the W. Tasmanian rain forest. There's an excellent chance I'll be back into research &/or teaching within a couple of months.

Australia is simply fabulous. Life here's easy and relaxed, & an amazingly high percentage of us are happy healthy and rich. The natural history has to be seen to be believed!

I'm afraid that I've become more interested in other inverts, especially the more cryptic crypto's. I'm collecting centipedes ( my 1st lave ) for Crabill at the Smithsonian, millipedes for a bloke



in Christchurch, N.Z., snails and pseudoscorpions (rare here) for the Tas. Museum and isopods, land nemertines and terrestrial triclads for a couple of other people and myself. Since the Tasmanian non-insect invert fauna isn't very well known, & since it's very weird, I'm keeping busy.

NOT that I've forgotten spiders! I gave a couple of lecture demos on them last (southern) winter at the district school, thereby earning for myself the nickname "spider". People not infrequently ask me to check out suspected funnel-webs (Atrax) on their lawns. They're usually hugh burrowing lycosids. What's so frustrating is that the Tasmanian spider fauna is exceptionally rich; and if I started collecting 'em, I'd soon be doing nothing else. (SO? ed.) Our local rain forest, e.g. is absolutely alive with an immense variety of argiopids. We've got most of the temperate-zone families represented here, including some rarities ( the common Tasmanian cave spider is a hypochilid). And what will I do if I move to mainland Australia? Another unique spider fauna!

I guess I'm out of spiderology for the time being, then, and my name really shouldn't be in your AA list (? ed) Still, if you hear of somebody desperate for one or two of our Desis, the intertidal spider, or dinopids (.net-throwers) or etc. drop me a line and I'll see what I can do.

( Bob's address is listed in address changes. ed.)

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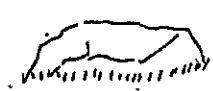
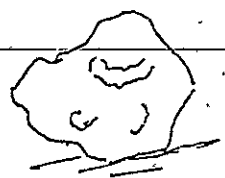
COLLECTOR - RETURN THAT ROCK?

We raised the problem of understore communities in the last newsletter, and got a couple of replies.

Hank Guarisco wrote that he felt this habitat was fragile and it was necessary to carefully replace the rocks after collecting under them. ( My apologies Hank, for misplacing your fine letter. I'll publish it next time after it turns up).



David Durbin writes "Numerous organisms are highly territorial and would not search for a suitable habitat even if present, near-by, i.e. some mites, nematodes collembola ( those organisms that refuse to be driven out of the soil in a Berlese funnel). The many species that are adapted to the stable "consistent" environment of the hypolith are wide-spread taxonomically. The microenvironment matures slowly, with a succession of organisms. To move rocks disrupts this cycle, and holds the micro-habitat in an immature state, which, if extensive, leaves no habitat open for the members of the more mature communities."





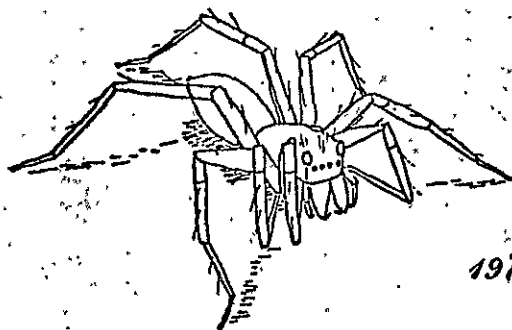
AMERICAN ARACHNOLOGY is a newsletter for and about arachnology in the Western Hemisphere. It is supposed to be issued twice a year, in April and October. Contributions are solicited from all readers - the deadlines for contributions are March 31 and September 31. The newsletter is distributed to all members of the American Arachnological Society and to anyone else who requests it. Distribution has been at no cost to subscribers, but we will probably have to begin to charge a subscription price in the near future.

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REQUEST  
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Two bits of information: Where can one purchase a copy of Kaston, The Spiders of Connecticut? and Published or unpublished data on spiders of Ecuador.

Stephen E Hughes  
5616 Merrick Dr. Apt 22Q  
Coral Gables, Fla. 33146



1973

Meetings

The Southeastern Meeting of the American Arachnological Society met at the Welaka Conservation Reserve in Welaka, Florida on October 5-7, 1973.

Those present were:

Dr. John F. Anderson.	University of Florida
Dr. Allen Brady	Hope College
Dr. Ernest Casey	Gainesville, Florida
Dr. Frederick Coyle	Western Carolina University
Mr. and Mrs. G. B. Edwards.	University of Florida
Mr. Stephen Hughes	University of Miami
Mr. Albert Jung	University of Florida
Mr. and Mrs. John Randall	University of Florida
Dr. and Mrs. Jonathan Reiskind	University of Florida
Mr. David Richman	University of Florida
Dr. Susan Riechert	University of Tennessee
Dr. William Shear	University of Florida
Miss Irene Terry	University of Florida
Mr. and Mrs. Wayne Tolbert	University of Tennessee
Dr. and Mrs. John Tripp	Florida Southern University
Dr. H. K. Wallace	University of Florida
Miss Debbie Wheeler	University of Miami
Dr. and Mrs. Willard Whitcomb	University of Florida

The Weekend gave the opportunity for socializing, exchange of views and ideas, and collecting in the interesting area of the St. John's River.

Saturday night was devoted to a banquet and short, informal reports from some of the participants. These included John F. Anderson speaking on Spider Hydraulics, Jon Reiskind on a Salticid-Plant Relationship in Panama, Allen Brady on *Sossipus* in North and Central America, Sue Riechert on the Ecology of *Agelenopsis aperta* in New Mexico, Fred Coyle on the Palpal Organ in the Atypoid Mygalomorphs, G. B. Edwards on Variation in *Phidippus* of Florida, and Bill Shear on the Ochyroceratidae in the United States.

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REUNION des ARACHNOLOGISTES des expression francaies.

The second meeting was held in Montpellier in June, 1973. The next meeting will be in Eyzies in 1975.

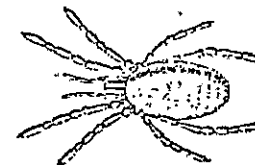
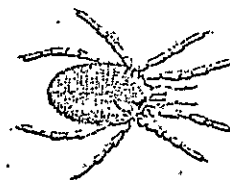
1974

The AMERICAN ARACHNOLOGICAL SOCIETY will again hold regional meetings in 1974. There will be one in the Eastern U.S. and one in western U.S.

EASTERN: Lynchburg College, Lynchburg Virginia 24504  
James E. Carico

July 31-August 1. NOTE: The date has been shifted to avoid a weekend and possible gas shortage. Participants can be housed on campus in airconditioned dormitories - room and meals about \$9/day. FREE camping on campus near 25 acre lake. Program still not available as newsletter goes to press, but there will probably be a symposium or discussion group on spider ecology.

If you think you might attend the meeting, write James Carico before the end of May. Carico will also probably be sending out a flyer to all arachnologists in the eastern half of US and Canada.



## WESTERN

BOTH THE TIME AND PLACE  
HAVE BEEN CHANGED!



Las Vegas, NEW MEXICO, August 13-15.

## Tentative schedule:

Aug 13 - 10:00 General Meeting  
Lunch  
Field trip - Gallinas Canyon  
Picnic Supper BYO ( bring your own! )

Aug 14 - Presented papers at Highlands Univ  
Late afternoon - business meeting  
Banquet

Aug 15 - Symposium on Ecology of Spiders  
Concluding Lunch

There will also be a photo salon, so bring your favorite arachnid pics.

If you plan to attend write Don Lowrie before MAY 31. Let him know how many in your party for banquet arrangements, and if you will stay in a motel or camp. There are ample forest service campgrounds within a few miles of Las Vegas.

Don Lowrie  
Rt. 2 Box 331F  
Sante Fe. N. M. 87501

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1975

An INTERNATIONAL meeting of the American Arachnological Society has tentatively been scheduled for summer 1975 at Warrensburg Missouri.

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## ARACHNOLOGY COURSE

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We suggested in AA # 10 that we need a series of workshops on spider identification to assist the general entomologist and others. One person expressed interest, however I have misplaced the letter before I was able to reply. Please write again, or I will probably locate your letter in my unpacking sometime this summer.

Don Lowrie will be teaching a seminar on arachnology at Highlands University in Las Vegas this summer ( about 1 hour from Sante Fe ) It meets once a week for 9 weeks.

## AMERICAN ARACHNOLOGISTS

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In issue # 10, we published the then current Directory of American Arachnologists -members of the American Arachnological Society and subscribers of American Arachnology - about 500 names. In this issue we have several address changes and numerous new listings.

## ADDRESS CHANGES

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(Through 31 March, only)



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Austria

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WAGNER, F. W.  
Museum of Zoology  
Louisiana State Univ  
Baton Rouge LA 70803

WALDORF, Elizabeth  
Zoology & Physiology  
Louisiana State Univ  
Baton Rouge LA 70803

van WINGERDEN, Walter K.R.E.  
Dept of Ecology  
Vrije Universitet  
De Boelelaan 1087

MacDONALD College  
Library  
Quebec, Canada.

MIDDLE TENNESSEE STATE UNIV  
Library-Periodicals Dept  
Murfreesboro TN 37130

MUSEUM of COMPARATIVE ZOOLOGY  
The Library  
Harvard University  
Cambridge Mass 02138

NATURAL HISTORY INSTITUTE  
National Science Museum  
Library  
Hyakunin-cho 3-23-1, Shinjuku  
Tokyo, 160 Japan

UNIV of NEW MEXICO  
Zimmerman Library  
Ord No. Q 10847  
Serials Dept  
Albuquerque NM 87106

OHIO UNIV Library  
Serials Dept  
Athens Ohio 45701

PACIFIC FOREST RESEARCH CENTER  
Library  
Dept of the Environment  
506 West Burnside Road  
Victoria B.C.  
Canada

QUEENSLAND MUSEUM  
The Library  
Gregory Terrace  
Fortitude Valley  
Brisbane Queensland  
Australia 4006

ROCKY MOUNTAIN LAB  
Officer in Charge  
Hamilton Montana 59840

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ERWIN, Robert L.  
Museum of Zoology  
La. State Univ  
Baton Rouge LA  
70803

NAUD, Lee  
Universal Studios  
3900 Lankershim Blvd  
Universal City CA  
91608  
- - - -

SMITHSONIAN INSTITUTION  
Library-Acquisitions  
Washington D.C. 20560

SOUTHWEST TEXAS STATE UNIV  
The Library - Serials Dept  
San Marcos TX 78666

UNIV of TENNESSEE  
Science Library  
Dabney Hall  
Knoxville TN 37916

UNIV of TEXAS  
Library-Serials Acquisition  
Austin Tx 78712

UNIV of TURKU  
Library of Math & Science  
SF-20500 Turku 50  
Turku Finland

UTAH STATE UNIV  
Merrill Library  
Logan Utah 84322

UNIV of WESTERN ONTARIO  
General Library  
London Ontario  
Canada

WEST TEXAS STATE UNIV  
Library, Box 748  
W.T. Sta. Canyon  
Tx 79015

UNIV of CALIFORNIA RIVERSIDE  
Bio-Agricultural Library  
Serials Dept  
Riverside CA 92502

## Institutions

UNIV of ARIZONA  
Serials Dept, Library  
Tucson Ariz 85724

BRIT. ARACH. SOC. LIBRARY  
c/o Me. I.M. Evans  
Leicester Museums  
New Walk, Leicester  
Leics LE1 6TD  
U. K.

BRIGHAM YOUNG UNIV  
Serials Section  
Clark Library  
Provo Utah 84601

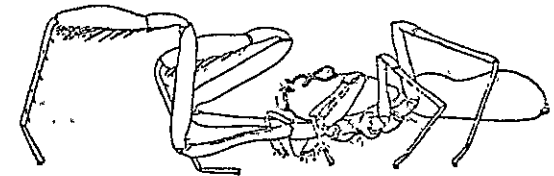
CENTRE INTERNATIONAL  
de DOCUMENTATION  
ARACHNOLOGIQUE  
61, rue de Buffon  
Paris 5eme France

UNIVERSITE CATHOLIQUE de  
LOUVAIN  
Bibliothèque des Sciences Exactes  
Palace des Sciences 3  
1348 Louvain La Nueve  
Belgium

UNIV of ILLINOIS at  
Urbana-Champaign  
Serials Dept, Library  
Urbana Ill 61801

UNIV OF KANSAS Library  
Periodicals Section  
Serials Dept  
Lawrence Kansas 66044

LOS ANGELES COUNTY  
Museum of Natural History  
Library Ord. No. 51513  
900 Exposition Blvd  
Los Angeles CA 90007.



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