



THE ECDYSIAST

Newsletter of the Crustacean Society

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ECDYSIAST VOLUME 14, NUMBER 2

NOVEMBER, 1995

TCS-ASZ WINTER MEETINGS IN WASHINGTON, D.C.

Robert Elner, TCS Program Officer, gives the following information about the upcoming meetings in Washington: The winter TCS meeting will be held with American Society of Zoologists at the Sheraton Washington Hotel, Washington, D.C., December 26-30, 1995. The TCS component of the regular program is small: six oral presentations on the morning of Wednesday, Dec. 27 and five posters.

SPECIAL EVENT: The symposium "New Frontiers in Barnacle Biology," organized by Fred Schram, University of Amsterdam, and Jens Høeg, University of Copenhagen, in honor of Professor William A. (Bill) Newman, Scripps Institution of Oceanography, University of California, San Diego, will take place on Friday, December 29.

A TCS Business Meeting is scheduled for Thursday, Dec. 28 for 5-6 p.m. followed by a TCS Dinner/Social. Details of the latter, organized by Ray Manning, and a TCS Board Meeting are yet to be finalized.

Contact Bob Elner, TCS Program Officer, for further information (Pacific Wildlife Research Centre, 5421 Robertson Rd., Delta, British Columbia V4K 3N2, Canada; phone: 604-946-8546; fax: 7022; email: usercrab@mtsg.ubc.ca)

Research Visits to the National Museum of Natural History: Ray Manning, NMNH, Smithsonian, asks that anyone who plans a research visit to the Museum during the December meetings should contact him in advance. Space for visiting investigators may be short during that time period.

ANOTHER SUCCESSFUL TCS SUMMER MEETING: FT. PIERCE, MAY, 1995

The 1995 TCS summer meeting was held at Fort Pierce, Florida, May 24-27. Jointly sponsored by the Society and the Smithsonian Marine Station at Link Port, the meeting was organized by Ray Manning and Darryl Felder. The site of the meeting was the J. Seward Johnson Conference Center at Link Port, a state-of-the-art meeting

facility, with an adjacent area for coffee breaks and lunch breaks that encouraged social interchange. More than 100 scientists from more than a dozen countries participated in the meeting, with about half of the participants from Latin American countries. Brazil was represented by no less than 16 attendees. About 45 oral presentations and an equal number of posters were given and displayed, respectively. Informality was the rule of the week, and no participants were sighted with ties or coats. Meeting participants stayed at the Holiday Inn Oceanside at Vero Beach, the site of the closing dinner followed by a party in a Karaoke bar that apparently lasted until 2 a.m. the following morning. The two and one half days of meetings were followed by an afternoon in the field collecting at local study sites. The meeting was apparently enjoyed by all.

TCS SUMMER MEETINGS, 1996: SAN DIEGO

SEE PAGES 7-10 in this newsletter

TCS SUMMER MEETINGS, 1997

From President-Elect Betty Wenner: The Board of The Crustacean Society is accepting proposals for hosting the 1997 Summer meeting. Please provide a 1-2 page written statement including dates, conference facilities, air service, administrative support, hotels and cost estimate to Elizabeth Wenner, Marine Resources Research Institute, Box 12559, Charleston SC 29422.

TCS ELECTIONS: THERE'S STILL TIME TO VOTE!

Elizabeth Wenner, TCS President-Elect, urges TCS members who haven't voted to complete their ballots and mail (MRRI, Box 12559, Charleston, SC 29422 USA) or fax (803-762-5050) them to her by Dec. 1. Nominees are as follows:

PRESIDENT-ELECT: Gary Poore
Jody Martin

PROGRAM CHAIR: Robert Elner
Tom Wolcott

LATIN AMERICAN GOVERNOR: Elva Escobar-Briones
Tina Kameya

ASIAN GOVERNOR: Ichiro Takeuchi
Won Kim

Also from the President-Elect: E-mail directory: all names, snail mail and e-mail addresses received have been entered into a data base. Those with incomplete snail mail addresses will be obtained from the current roster of members. The email directory should be available in the next *Ecdysiast*.

NEWS FROM THE AMERICAN ASSOCIATION FOR ZOOLOGICAL NOMENCLATURE:

Denton Belk reminds TCS members that our Society is a member institution of the AAZN. Some news of note from the AAZN are:

Draft of New Code: The official Discussion Draft of the 4th Edition of the International Code of Zoological Nomenclature is being distributed free to AAZN members and is also available upon request to all other interested parties in North America. A \$3 per copy donation is requested to defray expenses, with checks made out to AAZN. It is available on several Internet sites, e.g., TAXACOM. All zoologists are invited to read the Discussion Draft carefully and to send any comments or criticisms by the end of May, 1996, to:

The Executive Secretary
International Commission on Zoological Nomenclature
c/o The Natural History Museum
Cromwell Road, London SW7 5BD, United Kingdom

Please be sure to indicate whether your comments are meant for publication in the "Bulletin of Zoological Nomenclature" or only are for consideration by the Commission.

AAZN Needs Support: Financial support is being asked for the American Association for Zoological Nomenclature because of the importance to the systematics community of the International Commission on Zoological Nomenclature (ICZN). The ICZN is the custodian and arbiter of the rules that permit zoological taxonomy to function. This role is now particularly important as the zoological community debates the contents of the next edition of the International Code for Zoological Nomenclature.

The AAZN was established primarily to provide financial support to the ICZN and to disseminate information and stimulate discussion of topics concerning zoological nomenclature in North America. Active membership in AAZN includes 29 organizations and approximately 240 individuals.

The financial status of the ICZN is poor and deteriorating. Although expenses, especially salaries, have been cut repeatedly

over several years and are now at a functional minimum, a deficit continues to accrue. The ICZN's income is derived from donations and sales of publications. Last year, the AAZN contributed about 23% of the donations, British organizations and individuals about 44%, and other sources the remainder. Although those who contribute to AAZN are doing their part, overall the systematics communities in North America and other relatively wealthy nations are failing to provide adequate support for the ICZN.

If you are not a member, please join the AAZN. If you are a member, please invite your colleagues to join. Dues are \$20 US. Another way you could help is to ask your institution, or societies to which you belong, to become an institutional member or to increase their contribution.

Please send membership forms, dues, etc. to the following address:
American Association for Zoological Nomenclature
c/o A.L. Norrbom
National Museum of Natural History, MRC 168
Washington, D.C. 20560
(e-mail mnhen118@sivm.si.edu)

ECDYSIAS T EDITOR NEEDED!!

From Ray Bauer, TCS editor: I have been editor of the TCS newsletter for almost 10 years; it's time for someone else to take over. The newsletter is published twice a year, now mailed with the November and May issues of JCB. The editor needs to solicit information for the newsletter from the Board members at least a month in advance; many items are sent in by TCS members and others wishing to make announcements. The newsletter editor is responsible for having the 900 copies printed up and sent to the TCS business office on time. Although certain announcements (TCS meetings, results of elections etc.) are standard, the editor is free to write up the *Ecdysiast* in whatever style seems appropriate and effective. A new editor would certainly be welcome to introduce changes in newsletter format or new features that might be interesting and informative to TCS members.

The new *Ecdysiast* editor will begin in 1996 (first issue will be May, 1996). If you are interested in serving as newsletter editor, please contact Pres. Elect Elizabeth Wenner (MRRI, Box 12559, Charleston, SC 29422; phone: 803-762-5050; fax:5110; email: wennere@cofc.edu), Ray Bauer (318-482-6435; fax: 5834; email: rtbauer@usl.edu), or any TCS officer.

Message from the President

As I've indicated in previous messages, we are in a time of transition, but now it seems that some of these transitions need to be finalized. Several of the issues to be considered are discussed in the paragraphs below. Some need the input of the membership, so, attached to the end of this newsletter is a ballot for those items. It would be greatly appreciated if you could fill out the ballot and return it as soon as possible.

1. Meeting with American Society of Zoologists

It seems that only a few members intend to be at the meeting in Washington, D.C. this December. No doubt part of the low attendance is due to the fact that ASZ did not send Abstract Transmittal Forms to TCS members. Therefore, those TCS members who are not also members of ASZ had no way of knowing what was the abstract deadline date, etc. Until last year, TCS had about 60 members present at the meeting with ASZ. Those members attending the winter ASZ meeting were, for the most part, different from those attending the summer meeting. So, this means that many TCS members who regularly attended the meeting with ASZ are no longer interested in doing so. Voting "with one's feet," I guess. This suggests that TCS should strongly consider moving its annual meeting to summer and ending its affiliation with ASZ. If so, should we affiliate with some other society? Suggestions have included the National Shellfisheries Association, the Ecological Society, or the joint meeting of the Systematic Biology (SSB), Evolution (SSE), and American Naturalists (ASN) Societies. Or, would it make more sense to meet with the Western Society of Naturalists, whose meetings always involve a very high amount of invertebrate biology, but are also in the end of December holiday season?

2. Results of summer TCS Board Meeting

The most recent meeting of TCS Board was conducted by mail. Several issues which had been discussed informally at the TCS Summer Meeting in Florida were discussed further and voted upon. I will try to outline these for you below and give some idea of the reasoning (!?) involved.

- A. The Board voted to formally accept the proposal of Marie Simovitch and others to hold the 1996 summer meeting in San Diego. More about this meeting can be found elsewhere in this newsletter.
- B. The Board has discussed and formally approved a restructuring of dues for the Society. This issue was put forth by our Treasurer, Denton Belk, who noted that while the Society was currently solvent, its financial health was likely to decline over the next several years. Once again, this has mostly to do with the costs of producing a high quality journal, and trying to keep membership costs reasonable. Of course, if the Society had twice the members it currently has, this problem would not exist since the per issue cost for the journal would be lower. The Board vote, which needs ratification of the membership, is to decouple the constitutional linkage of the basic Member dues and journal subscription. The new rates would therefore be as follows: Member dues (without the journal) will be \$20; the journal subscription cost to Members would be \$45, and \$105 for non-members. All other categories as currently structured would remain, and would include the cost of the journal. As noted above, these changes mean that TCS

constitution needs amending, and these amendments must be ratified by 2/3 of the members voting on the issue at an annual meeting or by mail ballot. Since there will most likely be only a small number of members present at the annual meeting in Washington, D.C., a mail ballot is attached for your use. This ballot must be returned by mid-January (60 days from notification) so the result can be used to set the dues structure for 1996.

C. There has been considerable discussion among the Board members regarding the functioning of the Awards Committee. The Board voted to simplify the process of selection of recipients of the Research Excellence Award by having nominees for that award be sent directly to the President who would then put the nomination before the Board for approval. The Best Paper Award for a paper published in the JCB should be handled by the Awards Committee as is done now. Finally, the Best Student Paper Award, given for papers presented at TCS meetings, should be handled by Awards Committee members and/or TCS Board members, with any members present (who wish to) voting for the paper of their choice.

D. The Board also recommended that each issue of this newsletter contain reports from one or more of the Regional Governors, summarizing or highlighting crustacean research activities in their region.

3. And Finally....

At the Annual Business Meeting in Washington this year I will be turning the gavel (such as the little crab-smashing mallet is) over to Betty Wenner. She will be the Society's first woman President, and I hope, by her example, that we will see many more female carcinologists entering this field. Betty will also have her hands full guiding the Society through the continuing changes ahead. I'm sure she will appreciate, as have I, any help and advice offered by the membership.

Its been an interesting two years.

SEE PAGES 19 AND 20 OF THE NEWSLETTER FOR THE PROPOSED CHANGES AND BALLOT, RESPECTIVELY

ANNOUNCING
THE CRUSTACEAN SOCIETY SUMMER MEETINGS AND
THE THIRD INTERNATIONAL LARGE BRANCHIOPOD SYMPOSIUM

The TCS Summer Meetings and the Third International Large Branchiopod Symposium (ILBS3) will be held jointly at the University of San Diego, San Diego, California USA, July 14-18, 1996. Meeting rooms will be in the University Union and are equipped for the usual audio-visual needs as well as video and computer-aided platforms. The ILBS3 proceedings will be published in a special volume of *Hydrobiologia*. Participants will be able to reserve a copy at the meetings. Michel Boudrias will also be organizing a Peracarid Symposium within the TCS meeting schedule.

USD is a beautiful campus overlooking the bay, just fifteen minutes from San Diego International Airport. Shuttles are available 24 hours a day for under \$20. Housing will be on campus in 2 room/2 bath apartments and will include most meals and access to the swimming pool, tennis courts and weight room. Activities scheduled include a complimentary welcome to California Reception and micro-brew taster, a Volleyball Tournament followed by a California Bar-B-Que (get your teams organized), a Mixer at the Steven Birch Aquarium by the Pacific Ocean (with live Jazz) and field trips to tide pools and Scripps Institution of Oceanography. Activities will be liberally dispersed between talk and poster sessions to maximize fun. Please note the early due date for registration and housing to reserve space.

San Diego is located on the Pacific Coast just 20 minutes from the Mexican border. Participants may come in one day early to play and get your Saturday stay-over airfares. Local activities and amusements (within a half hour drive) include shopping in Mexico, the San Diego Zoo and Wild Animal Park, Sea World, surfing, sunning, parasailing, sailing, golf, hiking and other "Outdoor Lifestyle" offerings. For those who enjoy the night-life, the area is a treasure trove of international cuisine and musical entertainment on both sides of the border.

We encourage you to stay on campus. You won't need a car and a double room in this area is \$80-120 per night. Plus, we have a reputation for good food.

Please leave room for your slides or poster between the sports gear in your suitcase.

International ILBS student participants! We have travel awards available for international students and recent Ph.D's who will be presenting in the symposium. These will be awarded on the basis of need. If you need support, please submit a one page letter along with your abstract describing your research, where you are in your education, how much you need and why. Include a letter of support from your major professor/advisor. You will be notified as soon as we can process the requests.

*TCS and ILBS3 1996 Summer Meeting
July 14-18, 1996*

Abstract Transmittal Form

Please complete (typewritten in English) and return by March 1, 1996 to: TCS/ILBS3, c/o Marie A. Simovich, Biology Department, University of San Diego, San Diego, California 92110 USA. Acknowledgment of abstract will be sent by post card or e-mail. **Please note: Due date for registration and housing is March 1.**

Author(s), last name first: _____

Institution of first author: _____
Address of first author: _____

Phone: _____ Fax: _____
e-mail: _____

Paper to be presented orally _____ or as a poster _____ (check one).
To be part of: ILBS3 _____, TCS _____ regular, TSC Peracarid _____
Eligible for TCS best student paper award _____ A/V Needs: _____

Abstract: Please use clear type no smaller than 12 pitch or 10 point. Please submit your abstract on a separate page using the box as a size guide. The entire abstract must fit within a 4" x 5" box. Follow the format shown below. For an oral presentation, please indicate the speaker with an asterix (*).

Cumberlidge, Neil. Department of Biology, Northern Michigan University,
Marquette, Michigan, 49855, USA. FRESHWATER CRABS AND
HUMAN LUNG DISEASE IN AFRICA.

Fresh-water crabs are involved in the transmission of human lung fluke
disease (paragonimiasis) in West and Central Africa. Species of fresh-water
crab.....

**TCS 1996 Summer Meeting and ILBS3
Preregistration Form**

Deadline for preregistration is March 1, 1996

Name to appear on your badge: _____

Names to appear on badges for spouse/children: _____

Your institution and mailing address: _____

Work phone: _____ Home phone: _____

Fax: _____ e-mail: _____

Registration: You must register in one of the following categories to attend talks.

*If you are not a TCS member, an ILBS3 presenter, or a student, you must pay this fee.

Number	Item	Total US \$
_____	TCS Member Registration @ \$100	_____
_____	*Non-Member TCS Registration @ \$150	_____
_____	ILBS3 Registration (presenters only) @ \$100	_____
_____	Student Registration TCS or ILBS3 @ \$80	_____
_____	Late Registration add @ \$25	_____

Activities: Open to registrants and families

_____	Welcome Reception, Sunday Evening	Free
_____	Tide Pool Trip	Free
_____	Scripps Tour, Mixer and Stephen Birch	
_____	Aquarium Trip, including transportation @ \$20	_____
_____	Bar-B-Que, Thursday Evening @ \$20	_____
Total Enclosed		_____

Details will accompany your registration confirmation.

Make check payable (in US \$) to TCS or ILBS3 as applicable.

Please mail form and payment to:

TCS/ILBS3

Marie A. Simovich

Biology Department

University of San Diego

San Diego, CA 92110 USA

Phone: (619) 260-4729

Fax: (619) 260-6804

On-Campus Housing Registration

A **\$50 Deposit per person** must be received by **March 1** to be sure of a spot.

There will be an additional daily fee for participants staying off campus.

On-Campus apartments are 2 bedroom/2 bath units accomodating 2-4 people. The package includes meals beginning with dinner Sunday through breakfast on Friday. There will be no dinner on campus on the night of the Scripps tour. There is also access to the swimming pool, tennis courts and weight room. There is no refund for meals not used. Please calculate your total based on the number of nights you will be staying. Details will accompany your registration confirmation. For those wishing to come in on Saturday, there will be an additional cost for room only.

Name(s) _____

Your institution and mailing address: _____

Work phone: _____ Home phone: _____

Fax: _____ e-mail: _____

Number

_____ Single Room (female/male circle one)
@ \$70/night
Saturday @ \$45
day in _____ day out _____

Total US \$

_____ Double Room (couple, family or with roommate)
@ \$53/night
Saturday @ \$35
day in _____ day out _____

Total enclosed

Please find me a roommate : Male _____ Female _____

Please put me in a room with _____

Make check payable (in US \$) to TCS Housing or ILBS3 Housing as applicable. Please mail form and payment to:

TCS/ILBS3

Marie A. Simovich

Biology Department

University of San Diego

San Diego, CA 92110 USA

Phone: (619) 260-4729

Fax: (619) 260-6804

FROM THE ASSOCIATION OF SYSTEMATICS COLLECTIONS:

2nd International Symposium and World Congress on the Preservation and Conservation of Natural Science Collections: "Natural Science Collections--a Resource for the Future" The Geological Conservation Unit and the Department of Earth Sciences of the University of Cambridge are organizing the Second International Symposium and World Congress on the Preservation of Natural History Collections to occur Aug. 20-24, 1996 at St. Johns College, Cambridge, U.K. The second Congress will continue the work of the first by bringing leading figures in industry, research, education and natural science museums together to discuss future developments and a joint cooperative approach towards the challenges presented by the preservation of natural science collections, and to look at the practical aspects of putting strategies in place. The Congress is co-sponsored by several collections support organizations, including the Association of Systematics Collections and the Society for the Preservation of Natural History Collections.

For more information, please contact: Chris Collins, Natural Sciences Congress '96, Geological Conservation Unit, Department of Earth Sciences, Downing St., University of Cambridge, Mattingly Road, CB3 0EZ, United Kingdom, telephone: (01223)62522, fax: (01223)60779, email: cjc1001@esc.cam.ac.uk.

1996 Annual Meeting of the Association of Systematics Collections: "Global Genetic Resources: Access, Ownership and Intellectual Property Rights" will be the topic of the 1996 Annual meeting of the Association of Systematics Collections, held in conjunction with the Beltsville Symposium at the Beltsville, Md., Agricultural Research Center, May 19-22, 1996. Scientists worldwide will explore issues related to ownership of and access to genetic resources and biological specimens around the world. Among the subjects discussed will be access to collecting and collections; the international distribution of germplasm; the exchange of scientific information on biodiversity; and current policies and trends related to ownership and exchange of genetic and biological resources. International experts will address subjects related to biological resources for comparative taxonomic study, including food and fiber crops, insects that are natural enemies of crop pests and microorganisms like fungi, yeasts and parasites.

The Association of Systematics Collections will also sponsor a 1 1/2 day presymposium workshop on public affairs advocacy (May 18-19). For more information, call Elaine Hoagland (202-347-2850; fax-0072; e-mail: mnhas001@sivm.si.edu. For more information about the symposium, contact Amy Y. Rossman (301-504-5364; fax-5810; e-mail: amy@fungi.ars-grin.gov.

Résultats des Campagnes MUSORSTOM

Volume 13

Coordonné par

Alain CROSNIER

Muséum national d'Histoire naturelle
Laboratoire de Zoologie (Arthropodes)
61 rue Buffon
75005 Paris

The series "Résultats des Campagnes MUSORSTOM" publishes reports and monographs on tropical deep-sea faunas, with emphasis on little-known regions of the Indo-Pacific. Other volumes in this series deal with echinoderms, ascidians, molluscs, fishes, sponges, bryozoans, hydroids, etc.

The present volume contains three major monographs on decapod Crustacea, on a worldwide basis. The diogenid hermit-crab genus *Trizopagurus* is characterized by a very remarkable stridulatory organ, composed of modified horny teeth or tubercles. The archaic crabs of the family Homolodromiidae are rare and small, having a decalcified and fragile test and this explains why this was one of the least known families of crabs. Conversely, the family Homolidae contains some spectacular bright red and very spiny species, and they are often figured in popular accounts of life in the deep-sea. These thorough taxonomic revisions are based on examination of all existing material available, including abundant new material from recent French and other expeditions in the Indo-Pacific. Altogether, 6 new genera and 38 new species are described. The volume is richly illustrated by drawings, photographs, and 4 colour plates. The text is in French throughout.

The MUSORSTOM series is a joint program of the Muséum national d'Histoire naturelle and the Institut français de Recherche scientifique pour le Développement en Coopération (ORSTOM).

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DU MUSÉUM
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75005 PARIS
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NEWS FROM THE IWCSG

Inland Water Crustacean Specialist Group, Species Survival Commission of IUCN

Denton Belk, Chair 840 E. Mulberry Ave. San Antonio, TX 78212 USA Phone 210-732-8809 Fax 210-732-3943

REVISION OF THE 1994 IUCN RED LIST OF THREATENED ANIMALS

The revised IUCN Red List is scheduled for publication in 1996 and will use the categories of threat as approved by the 40th Meeting of the IUCN Council in Gland, Switzerland on 30 November 1994. The revised categories have the specific aims of: (1) providing a system that can be applied consistently by different people; (2) improving objectivity by providing those using the criteria with clear guidance on how to evaluate different factors which affect risk of extinction; (3) providing a system which will facilitate comparisons across widely different taxa; (4) giving people using threatened species lists a better understanding of how individual species were classified.

YOUR HELP IS NEEDED

The IWCSG needs to evaluate the following species listed in the 1994 IUCN Red List. They will not be included in the new list to be published in 1996 if we cannot get them evaluated using the new categories by the end of this year. Please help by sending information or an evaluation using the new categories to Denton Belk.

Order CLADOCERA

Family DAPHNIDAE

Daphnia jollyi

Daphnia occidentalis

Daphnia nivalis

Family CHYDORIDAE

Rhynchochydorus australiensis

Order ANASPIDACEA

Family ANASPIDIDAE

Allanaspides helonomus

Allanaspides hickmani

Paranaspides lacustris

Family PSAMMASPIDIDAE

Eucrenonaspides oinotheke

Order ISOPODA

Family CIROLANIDAE

Antrolana lira

Arubolana imula

Mexilana saluposi

Speocirolana affinis

Speocirolana interstitialis

Speocirolana thermydromis

Family TRICHONISCIDAE

Metatrichoniscoides celticus

Family ARMADILLIDAE

Echinodillo cavaticus

Family PHREATOICIDAE

Mesacanthotelson setosus

Onchotelson brevicaudatus

Onchotelson spatulatus

Uramphisopus pearsoni

Family ASELLIDAE

Caecidotea barri

Caecidotea macropoda

Caecidotea nickajackensis

Lirceus culveri

Lirceus usdagalun

Family STENASELLIDAE

Mexistenasellus coahuila

Mexistenasellus parzefalli

Mexistenasellus wilkensi

Order AMPHIPODA

Family GAMMARIDAE

Gammarus acheronytes

Gammarus bousfieldi

Gammarus desperatus

Gammarus hyalleloides

Gammarus pecos

Family ALLOCRANGONYCTIDAE

Allocrangonyx hubrichti

Allocrangonyx pellucidus

Family CRANGONYCTIDAE

Crangonyx dearolfi

Crangonyx grandimanus

Crangonyx hobbsi

Stygobromus araeus, arizonensis,

balconis, barri, bifurcatus, bowmani,

clantoni, conradi, cooperi, dejectus,

elatus, emarginatus, ephemerus,

flagellatus, gradyi, hadenoecus, harai,

hayi, heteropodus, hubbsi, identatus,

longipes, mackenziei, montanus,

morrisoni, mundaus, nortoni,

onondagaensis, ozarkensis, parvus,

pecki, pizzinii, putealis, reddelli, smithi,

spinatus, stellmacki, subtilis,

wengerorum

Order DECAPODA

Family ATYIDAE

Palaemonias alabamae

Palaemonias ganteri

Typhlatya monae

Family PALAEMONIDAE

Palaemonetes antrorum

Palaemonetes cummingsi

Family PARASTACIDAE

Astacoides madagascariensis

Astacopsis gouldi

Cherax tenuimanus

Engaeus asutralis, mallacoota,

martigener, orramakunna, phyllocercus,

rostrogaleatus, spinicaudatus, sternalis,

similis, armatus, bindal, bispinosus,

eungella, fleckeri, hystricosus, jagara,

maida, monteithorum, robertsi, setosus,

urospinosus

Family COENOBITIDAE

Birgus latro

Family PINNOTHERIDAE

Parapinnixa affinis

RECOMMENDATIONS
OF OTHER SPECIES
THAT SHOULD BE ADDED
TO THE IUCN RED LIST
ARE ALSO WELCOME

GRADUATE TRAINING IN CRUSTACEAN SYSTEMATICS**N.S.F. PEET* TRAINING SITE****GRICE MARINE BIOLOGICAL LABORATORY****UNIVERSITY OF CHARLESTON, SOUTH CAROLINA**

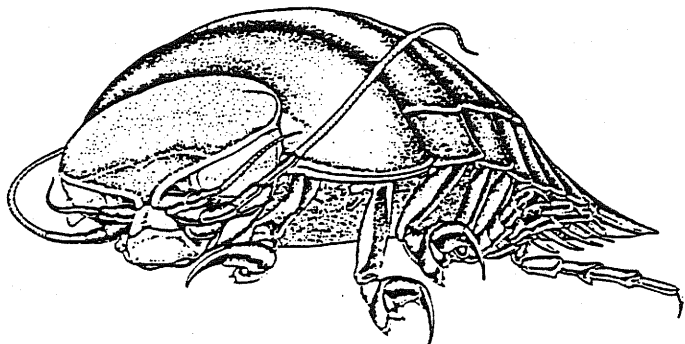
(and National Museum of Natural History, Smithsonian Institution, Washington D.C.)

Opportunities for graduate training in systematics, phylogenetics, and biogeography of marine isopod crustaceans are available during the years 1995-2000, through a National Science Foundation-funded Program in the laboratories of Dr. Richard C. Brusca (University of Charleston) and Dr. Brian Kensley (National Museum of Natural History, Smithsonian Institution). Three trainees will be supported (for 3 years each) on Graduate Assistantships to produce world-wide systematic, phylogenetic, and biogeographic monographs of selected isopod genera as partial fulfillment of the requirements for a Master of Science degree in Marine Biology at the University of Charleston. A fourth person, already in possession of an MSc or PhD degree and with previous experience in systematic biology of invertebrates, will be hired at a senior level (either a post-MSc or post-doctoral student). In addition to training in Dr. Brusca's lab (University of Charleston), the program includes internships in Dr. Kensley's lab (Smithsonian Institution) and training visits to the Expert Center for Taxonomic Identification (ETI) of the University of Amsterdam, The Netherlands. Trainees will learn all aspects of systematics (*sensu lato*), including recognition & description of new species, scientific illustration, preparation & publication of a systematic monograph, phylogenetic (cladistic) analysis, and cladistic biogeographic analysis. In addition, all results (monographs, data sets & databases, analyses, etc.) will be prepared for electronic dissemination.

This program is specifically designed to train persons intending to pursue a professional career that includes modern approaches to crustacean (or other invertebrate taxa) systematics. Trainees should already understand (and have an appreciation for) basic taxonomy. Candidates must be resourceful and self-motivated, have good organizational and communicative skills, and be able to carry out assignments efficiently and independently. Trainees will be expected to possess, or to develop, an expertise with electronic data processing and worldwide network use. Final acceptance into the PEET traineeship is contingent upon successful application to the University of Charleston's Graduate Program in Marine Biology, and will be evaluated upon successful completion of the Program's first-year core course sequence.

Inquiries should be made to: **Dr. Richard C. Brusca, Grice Marine Laboratory, University of Charleston, 205 Ft. Johnson, Charleston, S.C. 20562. Phone: (803) 762-5550. FAX: (803) 762-5555. EMAIL: BRUSCAR@CofC.EDU.** Serious inquires should include a letter of intent, C.V., 2 letters of reference, and description of career goals.

* Partnerships for Enhancing Expertise in Taxonomy, Division of Environmental Biology, National Science Foundation



SECOND EUROPEAN
CRUSTACEAN
CONFERENCE

hosting

the 7th MEETING OF THE "GROUPE
D'ETUDES ET DE REFLEXIONS SUR
L'EVOLUTION DES CRUSTACES"
(GEREC)

the CRUSTACEAN LARVAL
CONFERENCE

and an

ESCPB SPECIALIZED SYMPOSIUM

LIEGE (Belgium)

September 2-6, 1996

ACCOMMODATION

Accommodation will be at local hotels in the center of the city and near the University campus Sart Tilman (± 10 km from the city center). Student rate accommodation will also be available in the University student houses.

LOCAL ORGANIZING COMMITTEE
AND SECRETARY GENERAL

To whom all correspondence should be sent :

2nd European Crustacean Conference
Secretary General
Laboratory of General Biology and
Ultrastructural Morphology
Institute of Zoology
Quai Van Beneden, 22
B-4020 LIEGE
Belgium

Telephone : +32-41.66.50.98
66.50.62
66.50.46
66.50.72

Telefax : +32-41.66.50.10
66.50.20

GRANTING TO YOUNG SCIENTISTS

Grants will be offered by the ESCPB and by the local Organizer to young scientists under Ph.D. degree.

Any query regarding the ESCPB should be sent to the ESCPB General Secretary, A. PEQUEUX, University of Liège, Laboratory of Animal Physiology, Quai Van Beneden, 22, B-4020 LIEGE (Belgium)

PRELIMINARY ANNOUNCEMENT

Please tick the appropriate boxes :

-----Please, cut here

* I wish to offer a	Oral presentation	<input type="checkbox"/>	Poster presentation	<input type="checkbox"/>
relevant to	Morphology	<input type="checkbox"/>	Ecotoxicology	<input type="checkbox"/>
	Systematics	<input type="checkbox"/>	Aquaculture	<input type="checkbox"/>
	Phylogeny	<input type="checkbox"/>	Fisheries	<input type="checkbox"/>
	Ecology	<input type="checkbox"/>	Other	<input type="checkbox"/>
			Physiology of	
			nutrition	<input type="checkbox"/>
			endocrinology	<input type="checkbox"/>
			metabolism	<input type="checkbox"/>
			neurobiology	<input type="checkbox"/>
			osmoregulation	<input type="checkbox"/>
			other	<input type="checkbox"/>

* Proposed title of presentation :

Please complete as instructed and return this form in an envelope as soon as possible, but in any case before August 31st, 1995 to :

2nd European Crustacean Conference
Secretary General, Laboratory of General Biology
Institute of Zoology
Quai Van Beneden, 22
B-4020 LIEGE BELGIUM

SITE AND DATE

The Second European Crustacean Conference will be held at Liège (Belgium) between 2th and 6th September 1996.

It will host the 7th Meeting of the "Groupe d'Etudes et de Réflexions sur l'Evolution des Crustacés" (GEREC) and the "Crustacean Larval Conference".

The European Society for Comparative Physiology and Biochemistry (ESCPB) will be involved in the organization of Specialized Symposia on specific topics.

FIRST CIRCULAR

The first circular will be published in September 1995 and will contain further informations about the scientific programme, accomodations and social events. The first circular will only be sent to those who complete and return the attached reply form.

SCIENTIFIC PROGRAMME

The primary objective of the Conference is to get together the international Scientific Community specialized in the study of Crustaceans.

All aspects dealing with Morphology, Systematics, Phylogeny, Physiology / Biochemistry including nutrition, metabolism, osmoregulation, endocrinology and neurobiology as well as with Ecology, Ecotoxicology, Fisheries and Aquaculture will be concerned.

SITE

As a Conference venue, Liège is a human dimensional city among the most perfectly situated in Belgium. It is at the heart of European's motorway system and rail network. In addition to Brussels International and Liège-Bierset Airports, Maastricht (Netherlands) and Köln-Bonn (Germany) Airports remain in a close vicinity (maximum 120 km).

"Liège, the City that welcomes you heartily" is not just a slogan, but a cheerful reality. A busy metropolis, a famous art center, Liège is full of contrasts. It offers its large classical parks, its rose-gardens and some more quiet gardens where the eighteenth century plays to a shepherd. For the fan of Nature, the University Campus of Sart Tilman keeps its healthy path in store and the "Hautes-Fagnes" natural park located about 40 km far from the city center will offer its moors and marshes landscapes to the visitor's eyes filled with wonder.

SOCIAL EVENTS

A full and varied programme of social events will be offered to delegates and accompanying guests.

ACCOMPANYING GUESTS

Accompanying guests will be welcome to attend all the social functions with delegates. In addition a programme of tours and excursions will be offered.

Please, cut here

PRELIMINARY REGISTRATION - NOTICE OF INTENTION TO ATTEND

I plan to participate in the 2nd ECC

NAME (Family name) : Title (please circle) : Prof., Dr., Mr., Mrs., Miss.

First name(s) Organization :

Full postal address :

.....

..... Phone : Fax :

Name (s) of accompanying person(s) :

Date :

Signature :



Colloquium
Crustacea
Decapoda
Mediterranea

Florence, 12-15 September 1996

Florence, 15/07/95

Dr. Paul A. Jr. Haefner
Dep. of Biology
Rochester Institute of technology
NY 14623 Rochester
USA

Dear Colleague,

We are very pleased to announce that, following the instigation of some of the previous organizers, we have decided to hold the 6th Colloquium on Crustacea Decapoda Mediterranea (CCDM) in Florence, in **September 1996**.

SCIENTIFIC PROGRAMME. Traditionally the CCDM is joined by anyone working on Mediterranean decapods. We wish to offer the maximum space to scientists involved in systematics, paleontology, phylogeny, biogeography, ecology, ethology, reproduction and growth, fisheries, culture, and related topics. Papers on general aspects of some of the above topics will be more than welcome even if not strictly dealing with Mediterranean species. Also welcome will be papers on ecology-related physiological and biochemical problems.

LOCALITY. Florence in September will offer you a pleasant climate and if you already know everything about Michelangelo, Botticelli or Giotto, you may visit the Etruscan Museum, the Medici Chapels, or else witness the grape harvest around Chianti and pay a visit to the small medieval towns such as S. Gimignano, Volterra and others.

TIME SCHEDULE. The meeting will start on September 12th. The number of days (3-4) will depend on the number of participants and will be communicated soon.


PAPER PRESENTATION. Oral communications and posters will both be accepted. In the case of many participants, parallel oral sessions may be considered. Participants will be asked to send an abstract in advance (on diskette) and a preprint volume will be available at the registration desk.

PUBLICATIONS. At least two journals have declared their interest in publishing the CCDM results but ...in both cases the cost is quite high. We have already started to look for sponsors and financial support. Further details on this point will be communicated later.

DEADLINE. If you think that you will (or are likely to) participate in the CCDM, let us know please by the end of August 1995 (filling the enclosed form).

REGISTRATION. Registration fees will be 120 US\$. Do not send anything now. You will receive a form together with the second announcement (around November 1995). Depending on the amount of financial support that we may find, reduced fees will be applied in certain cases.

Best wishes and we hope to meet you soon in Florence,


Francesca Cherardi
Stefano Cannicci
Marco Vannini



Crustacea
Decapoda
Mediterranea

Florence, 12-15 September 1996

NAME

ADDRESS

.....

.....

PHONE

FAX

E-MAIL

I WISH TO PRESENT AN ORAL PAPER / POSTER (*)

PROVISIONAL TITLE

.....

.....

DEALING WITH (**)

- biogeography
- aquaculture
- ecology
- ethology
- fisheries
- growth
- paleontology
- phylogeny
- population structure
- reproductive biology
- systematics

(*) delete the option you do not like

(**) you may indicate more than one option

DATE

.....

SIGNATURE

.....

Proposed Constitutional Changes

The changes proposed are to the latest edition of the constitution, published in the *Ecdysiast* 5(2), August, 1986. The original constitution was published in JCB 1(2): 293-297.

A. Article 3, Section 2. Change sentence one to read: *"Member, Sustaining Member, Patron Member, Emeritus Member, Institutional Member, and Founding Member are recognized."*

Article 3, Section 2 will now read:

Section 2: Types of Membership. Member, Sustaining Member, Patron Member, Emeritus Member, Institutional Member, and Founding Member are recognized. Other classes of membership may be created by action of the Board of Governors, hereafter referred to as "the Board." An institution or organization that is a member is entitled to designate a representative who may cast a single vote on its behalf.

B. Article 3, Section 3. Change sentence one to read: *"All members whose dues have been paid for the current year shall be considered members in good standing and shall be entitled to receive notices of Society activities, vote at meetings or by mail, receive the Society's newsletter, subscribe to the Society's journal at special rates, and participate in all activities sponsored by the Society within limits."* Delete sentences two and three. Change sentence four to read: *"Other privileges of membership, some category specific, may be designated by the Board."*

Article 3, section 3 will now read:

Section 3: Rights of Membership. All members whose dues have been paid for the current year shall be considered members in good standing and shall be entitled to receive notices of Society activities, vote at meetings or by mail, receive the Society's newsletter, subscribe to the Society's journal at special rates, and participate in all activities sponsored by the Society within limits. Other privileges of membership, some category specific, may be designated by the Board."

C. Change Bylaw 1 a), to read: *Member - a person paying the proscribed dues.*

D. Change Bylaw 1 c) to read: *Patron - Members contributing a yearly amount as determined by the membership. Patron Members shall be recognized in the Society's journal.*

E. Change Bylaw 1 e), to read: *Institutions or organizations shall be classified by the following categories accorded to individual members: Member, Sustaining Member, or Patron Member on the payment of dues higher than those of individual persons; such dues to be set as proscribed in Article 4.*

The new proposed dues as a result of this action then would be:

\$ 20.00	Member (no journal)
\$100.00	Sustaining Member (includes journal)
\$150.00	Patron Member (includes journal)
\$200	Institutional Member (includes journal)
\$300	Sustaining Institutional Member (includes journal)
\$500	Patron Institutional Member (includes journal)

The new proposed subscription rates for JCB then would be:

Non-member	\$105.00	delivery in North America
	\$125.00	delivery outside North America
Member	\$55.00	
	\$30.00	(special rate for members unable to pay full cost of journal)

TCS Ballot

Issue 1. Meeting with ASZ

1. TCS should no longer have a winter meeting: Yes, _____ No, _____

If Yes, go to 2

If No, then

TCS should continue to meet with ASZ: _____

If TCS has a winter meeting, it should be with WSN: _____

2. The TCS summer meeting should be held:

On our own, as in the past _____

With some larger society _____

Ecological Society of America _____

SSB, SSE, ASN _____

Others _____

As part of some international crustacean meeting, where possible _____

Issue 2. Changes to The Crustacean Society Constitution:

The proposed changes to the Crustacean Society constitution, as detailed elsewhere in this newsletter are:

Accepted _____

Not Accepted _____

Please return ballot to:

Les Watling
Darling Marine Center
University of Maine
Walpole, ME 04573
USA