

INTERNATIONAL ASSOCIATION
OF ASTACOLOGY
I. A. A.



Volume 5, Number 4

NEWSLETTER

NEWS REPORTED BY MEMBERS

The recently formed British Crayfish Marketing Association Ltd. held an information meeting in Beaconsfield on September 15. The Minister of Agriculture, Mr. Peter Walker, and numerous representatives from the press attended.

A conference regarding crayfish was held from June 15-17 in Burgos, Spain. These 'Jornadas de Estudio Cangrejo de Río' were organized by the County Council offices of Burgos, under President Francisco Montoya Ramos. Several members of IAA participated, and a series of papers dealing with a wide variety of topics were read.

Ernesto Campos GONZALEZ has received his "Titulo Biólogo" from the Universidad Autónoma de Nuevo León. His thesis is titled "Distribución Geográfica, Ciclo de Vida Habitos de Procambarus simulans regiomontanus Villalobos en el Estado de Nuevo León, México."

Erich Rudolph LATORRE, Instituto Profesional de Osorno, Casilla 933, Osorno, Chile, has recently completed a manuscript "Biological Aspects of the Crayfish from Río del Sur, Samastacus spinifrons (Phillipi, 1882)," and has begun a similar study of Parastacus nicoleti. He hopes that the paper on S. spinifrons will be in print soon.


Juan L. BOTTO is investigating the genus Samastacus in the Argentinian Cordilleras and Parastacus in the Entre Ríos Province along the Uruguay River. His address is: Museo Argentino de Ciencias Naturales " Bernardino Rivadavia," Avda. Angel Gallardo 470, Casilla de Correo 10 - Sucursal 5, 1405 Buenos Aires.

Gary J. MORGAN, Department of Zoology, Monash University, Victoria, Australia, is working on a revision of the genus Euastacus.

Jim HARTZLER notes that trout feeding on crayfish acquire an orange color to their tissues, and he asks what component (pigment) imparts this orange color? He also is interested in other food sources that can be used for this purpose. His address: RD 6 Box 6308, Phoqualine Fish Assoc., Stroudsburg, PA 18360.

ABOUT MEMBERS

Dr. James O. PRICE successfully completed defense of his doctoral dissertation on "The Life History and Ecology of Orconectes neglectus chaenodactylus" and received his Ph.D. from Memphis State University.



Conference Suggestions

Bob FRANCE notes that in the six or so conferences that he had attended over the last few years, the Davis conference was certainly the best organized and most smoothly run. However, he sends along the following observations and suggestions for improving the format of future meetings. I summarize them below and have forwarded his comments to Stellan Karlsson and the Lund Committee. His comments include:

- a. There was not sufficient time scheduled for presentations, and some were sacrificed for social event time when the schedule fell behind.

(his recommendation: build more free time factor in so all speakers will have adequate time.)
- b. We could benefit from poster sessions. Bob feels this would allow people unable to attend to present their findings or for others to present findings they consider not worthy of a 20 minute time slot.
- c. Absence of workshops was a disappointment at the Davis meeting. Bob recommends establishing workshops at the Lund meeting, perhaps along the lines of our already established working groups. Any thoughts or comments? Please send them to the Lund organizing committee.

A PROGRAM ANNOUNCEMENT


A special session of contributed papers on "Origins and Distributions of Caribbean-Gulf of Mexico Crustacean Fauna" will be co-sponsored by The Crustacean Society during the 44th Annual Meeting of the Association of Southeastern Biologists in Lafayette, Louisiana. The session will be scheduled during the April 13-16, 1983, meeting, which will be headquartered in the USL Conference Center on the campus of the University of Southwestern Louisiana. It is anticipated that the session will include papers dealing with a broad array of crustacean groups from marine and estuarine waters or freshwater and terrestrial habitats of coastal plains, drainage basins, and islands in the region. Topics will deal with relationships of distributions to geography, parent stocks, substrates, currents, host availability, season, water quality, or other physiographic factors. Further information, registration forms, and housing application forms may be requested from Dr. Darryl L. Felder, Department of Biology, Box 42451, University of Southwestern Louisiana, Lafayette, LA 70504 (Tel. 318/231-6753).

COMMUNICATIONS FROM MEMBERS

Stellan KARLSSON reports that planning for the next I.A.A. symposium continues, and that the Scandinavian Committee will meet in November. He also notes that a provisional program will be ready by the end of this year. If you have ideas or suggestions, please forward them to Stellan.

From R. H. and I. J. POLLOCK of Cod River Aquarium came these interesting comments in a recent letter: "We are at present operating a native freshwater fish aquarium for tourist purposes which we have built and developed ourselves. As a second stage of this development, we are intending to expand into farming Cherax destructor. We have done some research into this area and are planning on farming the yabby indoors. We have experimented with this on a small scale and should be able to keep up the supply for over-the-counter and wholesaling to restaurants by enlarging the present set up." They would be pleased to hear from IAA members with advice or information. Their address: Box 232, Wentworth. 2648. N.S.W. AUSTRALIA.

Robert G. COPE is preparing a book with the working title "Backyard Lobster: The incredible/edible crayfish;" this will be a non-technical volume with chapters on recipes, folklore and legends, and techniques of catching them. He is an associate professor of education at the University of Washington and as he describes himself, a "turned-on-amateur." His address is 7260 North Mercer Way, Mercer Island, Washington 98040.



OF RELATED INTEREST

Giant Prawn Farming - Developments in Aquaculture and Fisheries Science, 10. 1982. Selected papers presented at "Giant Prawn 1980," an International Conference on Freshwater Prawn Farming held in Bangkok, Thailand, June 15-21, 1980. This volume, edited by M. B. New contains selected papers which provide a state-of-the-art review of the farming of Macrobrachium rosenbergii and reflect the governmental, academic, and commercial involvement with prawn farming all over the world. Publisher: Elsevier Scientific (P.O. Box 211, 1000 AE Amsterdam, The Netherlands and 52 Vanderbilt Ave., New York, NY 10017).

The Crustacean Society will sponsor two symposia at the 1983 meeting of the American Society of Zoologists in Philadelphia, PA. These are entitled "Biogeography of the Crustacea" and "Frontiers of Crustacean Endocrinology."

NEW MEMBERS OR RENEWALS

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BIG YABBY**COD RIVER**

Logo from the Pollock's brochure.

The American Society of Zoologists extended an invitation to the IAA to meet with them in Louisville and Stellan Karlsson accepted. Portions of the brochure are shown below.

MEETING OF

AMERICAN SOCIETY OF ZOOLOGISTS
AMERICAN MICROSCOPICAL SOCIETY
ANIMAL BEHAVIOR SOCIETY
CRUSTACEAN SOCIETY
INTERNATIONAL ASSOCIATION OF
ASTACOLOGY
SOCIETY OF SYSTEMATIC ZOOLOGY



LOUISVILLE
1982

GALT HOUSE
Monday - Thursday
December 27-30

Meeting Hosted by University of Louisville
X. J. Musacchia
Chairperson of Local Committee

Symposia

- Alternative Reproductive Tactics
- The Evolution of Endocrine Systems in Lower Vertebrates
- Cellular Mechanisms of Ion Regulation in Arthropods
- Evolution of the Vertebrate Lymphocyte
- Molecular Aspects of Early Development
- Gastrulation
- Factors Influencing Crustacean Growth
- Biomechanics
- Crayfish Distribution Patterns
- Phylogenetic Relationships of the Lizards
- Evolution of Neural Systems in the Vertebrates: Functional-Anatomical Approaches
- Ecology of Bog and Marsh Algae
- Biochemical Adaptations of Parasites
- The Place of T. H. Morgan in American Biology

Schedule of Special Programs/Socials

Monday, December 27

- Spouse Coffee Hour
- Crustacean Society Luncheon
- T. H. Morgan Symposium and Dinner
- Exhibits

Tuesday, December 28

- Spouse Program Louisville Tour
- SSZ Business Meeting
- Crustacean Society Workshop, Business Meeting and Social
- American Microscopical Society Social
- Exhibits
- ASZ Education Committee Evening Program on Confronting Creationism

Wednesday, December 29

- T. H. Morgan Tour to Lexington
- Business Meetings, ASZ and AMS
- AMS Past-Presidential Address and Luncheon
- SSZ Social
- Exhibits
- ASZ Dinner and Past-Presidential Address

Thursday, December 30

- End of Meeting Party