



THE ECDYSIAST

Newsletter of the Crustacean Society

Published under the auspices of the University of Southwestern Louisiana

ECDYSIAST VOLUME 9, NUMBER 2

AUGUST, 1990

ANNUAL TCS MEETINGS IN SAN ANTONIO: TCS TENTH ANNIVERSARY CELEBRATION

This year's TCS meetings, held with ASZ December 27-30 in San Antonio, Texas (Marriott Rivercenter Hotel), have special significance, marking the tenth anniversary of the Society's inception. Appropriately for an anniversary celebration, the meetings will be highlighted by the symposium "History of Carcinology," organized by Frank Truesdale. In addition, the symposium "The Compleat Crab," organized by Linda Mantel, Tom and Donna Walcott, and Elizabeth Wenner will feature two days of presentations on the physiology and ecology of crabs. There will be the usual contributed paper sessions and a poster session, as well as the TCS business meeting and dinner social. A variety of TCS sponsored anniversary t-shirts and jewelry will be available. TCS member Stanley Sissom, Southwest Texas State University, will be the TCS local representative for the meetings. George Wilson, Program Officer, has passed along a schedule of events for the TCS meetings (SEE PAGE 2 FOR THE TCS MEETING SCHEDULE).

VOLUNTEERS NEEDED FOR TCS TABLE AT THE SAN ANTONIO MEETINGS

As always, we will need volunteers to man the TCS booth to give information and encourage membership in the Society. In addition, volunteers will help with TCS anniversary t-shirt and pin sales etc. It's a good chance to meet people and to help the Society as well. Please contact one of our officers before or at the meetings if you'd like to help.

WANTED: CRABS

Dr. David Armstrong, Schools of Fisheries/WH-10, University of Washington, Seattle WA 98195 submits the following request:

"We are currently conducting observational and experimental studies on several eubranchyuran crabs from the Northeast Pacific (Washington-Alaska). As an extension to this work, we want to put our results in a broader context, building upon the well known revisions by Hartnoll (1969, 1969). We would greatly appreciate to know of any published (especially in obscure or unusual sources) or unpublished information on mating styles (soft vs. hard female mating etc.) and the architecture of female genitalia (vulva, gonoducts, spermathecae) that is not contained in Hartnoll's reviews. Thank you very much for your help.

Most wanted specimens: wet (formalin, alcohol) preserved adult male and females of the following families: Calappidae, Leucosiidae, Parthenopidae, Hymenosomatidae, Goneplacidae, Potamidae, Mictyridae. We are NOT very much interested in Dromiidae, Majidae, Portunidae, Xanthidae, Grapsidae, Ocypodidae."

THE CRUSTACEAN SOCIETY

DECENNIAL MEETING, SAN ANTONIO MARRIOT RIVER CONVENTION CENTER,

DECEMBER 1990

HIGHLY RECOMMENDED MEETING. Two TCS symposia, and a Tex-Mex dinner social. Everyone attending should plan to go to the friday night TCS Decennial celebration at the dinner-social.

TCS DINNER-SOCIAL

We have arranged for a shuttle bus leaving the Marriot Rivercenter at 8:15 PM on Friday night (28 December). If you miss this bus, you can catch later shuttle trips. The celebration will start around 8:30 PM at the *Teka Molino*. An excellent Chicken Fajitas plate will be served with beer and wine *provided at no extra charge*. We will be shuttling back to the Marriot until approximately 11 PM. All this is included into a ticket price of \$13 per person, obtainable during the ASZ preregistration or at the meeting. See you there!

MEETING SCHEDULE

Thursday, 27 December

Linda Mantel et al, The Compleat Crab: Morning and Afternoon Sessions, Salon A
Contributed Paper Sessions: Morning, Conf. Room 11
TCS Board Meeting, 4-6 PM, location to be arranged

Friday, 28 December

Linda Mantel et al, The Compleat Crab, Morning and Afternoon Sessions, Salon A
TCS Business Meeting, 4-5 PM, location to be arranged
TCS Dinner-Social, 8:30-10:30+ PM, at Teka Molino (Tex-Mex restaurant), bus transportation

Saturday, 29 December

Frank Truesdale, The History of Carcinology, Morning and Afternoon Sessions, Salon D
Posters on Crustacea, 4-6PM, Salon E-F

Sunday, 30 December

Contributed Paper Sessions: Morning and Afternoon Sessions, Conference Room 7

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TENTH ANNIVERSARY T-SHIRTS NOW AVAILABLE

The Crustacean Society's official 10th Anniversary T-shirts are now available. Two styles are available, a \$10 short-sleeve (tan shirt, burgundy design) and a \$12 long-sleeve (silver-grey shirt, burgundy design). Use the order form below. Prices include costs of shipping.

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1990 TCS ELECTIONS--BALLOT

The TCS offices that are up for election are listed below with names of nominees. Check the box adjacent to the nominee's name, or check the "write-in candidate" box with the name of the candidate of your choice. Please detach the ballot from the newsletter, fold and staple as directed on the reverse side, affix a stamp, and drop it in the mail. We are electing a new Program Officer one year early because our present program officer, George Wilson, must leave the post because of a change in institution (off to Australia); the new P.O. will serve the remaining one year of George's term and then continue for a normal two year term.

SECRETARY

Dr. Frank Barnwell, Dept. of Ecology and Behavioral Biology,
University of Minnesota, Minneapolis..... []

Write-in Candidate..... []
..... []

TREASURER

Dr. Denton Belk, Biology Dept., Our Lady of the Lake University,
San Antonio, Texas..... []

Write-in Candidate..... []
..... []

PROGRAM OFFICER

Dr. Robert Elner, Canada Fisheries and Oceans, Halifax, Nova Scotia,
Canada..... []

Dr. Thomas Shirley, School of Fisheries and Ocean Science, University
of Alaska, Juneau..... []

EUROPEAN GOVERNOR

Dr. Geoffrey Boxshall, British Museum (Natural History), London,
England..... []

Write-in Candidate..... []
..... []

INDO-EUROPEAN GOVERNOR

Dr. G.R.F. Hicks, National Museum of New Zealand, Wellington..... []
..... []

Write-in Candidate..... []
..... []

U.S. GOVERNOR

Dr. Dorothy Skinner, Division of Biology, Oak Ridge National Labora-
tory, Oak Ridge, Tennessee..... []

Write-in Candidate..... []
..... []

STAPLE

FOLD 2

STAMP

Dr. Richard Brusca
Natural History Museum
P.O. Box 1390
San Diego, CA 92112

FOLD 1

FIRST INTERNATIONAL COLLOQUIUM ON BENTHIC MARINE MACRO-CRUSTACEA OF THE TROPICAL EASTERN PACIFIC

Approximately 120 persons meet last May for a 3-day conference on tropical eastern Pacific crustaceans. The colloquium had three sponsors: the National University of Mexico (U.N.A.M.); the San Diego Natural History Museum; and, The Crustacean Society. Michel Hendrickx (U.N.A.M.) and Rick Brusca (San Diego Natural History Museum) organized the colloquium, and The Crustacean Society provided a grant to assist in defraying costs. The Conference was hosted by U.N.A.M.'s marine school at Mazatlan (the Estacion Mazatlan), and the formidable logistics were largely handled by Dr. Hendrickx. Simultaneous English-Spanish translation was provided for all talks, and lunches were served on the grounds of the marine school overlooking the Sea of Cortez and the Mazatlan Bay.

Rick Brusca sent evaluation forms to attendees that are members of The Crustacean Society. The returned evaluations indicate that Society members felt the conference was a great success. 43% of the respondents felt the conference was much better overall than other international colloquia they had attended; 43% felt it was about the same quality; 14% felt it offered slightly less than other international colloquia they had attended. Virtually everyone rated the conference logistics as excellent (thanks to Michel), and everyone stated that it was unquestionably a worthwhile endeavor for the Society to co-sponsor. About two-thirds of the conference participants were from Latin America or Spain, and partial travel stipends were provided where possible. It was the unanimous feeling of North American attendees that one of the main benefits of the conference was allowing carcinologists from North America, and from different countries in Latin America, to meet one another and learn about work that is being done elsewhere. Graduate student attendance was strong, and this was also viewed as a major factor in the success in the meeting. An original Allan Hancock Foundation movie of the Velero IV expeditions to the Galapagos Islands, screened and narrated by Dr. John Garth, was also a meeting highlight. In addition, Dr. Garth was awarded with a certificate of merit from U.N.A.M. and the San Diego Society of Natural History, for his many years of contributions to eastern Pacific carcinology.

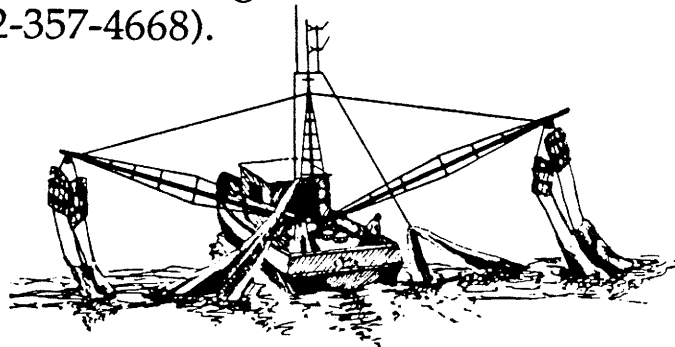
Suggestions from the survey for the next(?) colloquium on tropical benthic Crustacea included: (1) encouraging more North Americans to attend; (2) enlarging the coverage to the entire Neotropical region; and, (3) adding evening socials and field trips.

The papers from the Colloquium are now being submitted to Michel Hendrickx and Rick Brusca, who will serve as co-editors for a symposium volume to be published the San Diego Society Natural History Museum. Papers will be in English or Spanish, with an expanded summary in the complimentary language.



1992 Inter-American Meeting of the Crustacean Society

The Crustacean Society will hold an Inter-American meeting in Charleston, South Carolina from Thursday 11 June through Sunday 14 June 1992. Three concurrent sessions, poster presentations, and at least one symposium are planned. Cash awards are planned for best oral and poster presentations by students. A social with cash bar is scheduled for the evening of June 11 and Lowcountry Pig Pickin' and Shrimp Boil is scheduled for June 13. Meeting headquarters will be at the Mills House in the historic district of downtown Charleston. Hotel accommodations will be available at the Mills House and other nearby hotels at reduced conference rates. Dormitory housing and budget meal plan will also be available as an option. Within blocks of the meeting are antique shops, historic homes, great restaurants, and the Battery with its parks along the Charleston waterfront. Several field trips for collecting crustaceans and conference tours of research and museum facilities are planned. This will be an exciting meeting for Canadian, United States, Mexican, Central and South American crustaceologists. For additional information contact Elizabeth Wenner (803-762-5050), George Wilson (619-534-6692) or Ray Manning (202-357-4668).



EDITOR'S NOTE ON BULK MAIL

You may have noticed on the first page of the Ecdysiast the statement "Published under the auspices of the University of Southwestern Louisiana." This now has to be done so that the newsletter can qualify for the bulk mail stamp of the University. The other item about bulk mail that needs to be mentioned is that the slow time of delivery of the Ecdysiast and the variation in time of delivery to different parts of the U.S. is due to the vagaries of bulk mailing. Bulk mailing is necessary, however, because the cost of using first class mail in the U.S. is prohibitive.

GUERIN-MENEVILLE COLLECTION AT THE PHILADELPHIA ACADEMY OF SCIENCES

Below is a copy of a letter from Earle E. Spamer, Academy of Natural Sciences of Philadelphia (19th and The Parkway, Logan Square, Philadelphia, PA 19103, telephone 215-299-1000) to Frank Truesdale about crustacean collections of Guerin-Meneville. Our thanks to Dr. Truesdale for passing the letter along to the Ecdysiast.

"I take note in the latest newsletter of the Society for the History of Natural History that the Crustacean Society will host a symposium on the history of carcinology at the next annual meeting of the American Society of Zoologists.

Although I will not be able to attend the meeting in San Antonio, I would like to let other people know of things that are happening in our invertebrate collections here at the Academy. I am at present preparing a catalogue of type specimens of non-molluscan and non-terrestrial arthropod holdings here at the Academy. With regard to the Crustacea, we have a large number of specimens, including many types, of species named by F.E. Guerin-Meneville. A few types are also determined to be manuscript names of Guerin. It has been noted that most researchers, particularly those overseas, are unaware of the existence of the Guerin Collection here at the Academy. Some species have been noted in the literature as having lost type specimens that are in fact here.

The Guerin Collection got to be here through purchases by early benefactor and president of the Academy, Thomas B. Wilson, a physician and accomplished amateur naturalist. A census has not yet been taken of the Guerin Collection, but an estimate approaches a couple of hundred lots. Many specimens were once alcohol-preserved but have since dried out; they remain in their original containers with Guerin's original labels affixed to them. The oldest type specimens from the Guerin Collection is that named Gammarus pedatus by Abildgaard in Muller (1789, Zoologiae Danica, 3: 33-34, pl. 101, figs. 1,2). I would be very grateful if you could help in spreading the word that this collection is here, as are other specimens of Crustacea deposited here by early researchers."

(Many thanks to Ray Manning for sending the following as well as several other items for this issue of the Ecdysiast)

THE RAFFLES BULLETIN OF ZOOLOGY

The Raffles Bulletin of Zoology publishes English language material on systematics, faunistics, ecology, and other aspects of "whole animal" biology in tropical Southeast Asia. In addition to original research and reviews, the journal also accepts synopses, translations, and paraphrases of classical taxonomic studies of direct relevance to the region. This policy is designed to make readily available important historical work that at present exists only as a few copies or in languages other than English. Special consideration will be given to identification keys, including those of local or provisional status. A further function of the journal will be to issue catalogues and revisions of material held in the Zoological Reference collection of the Department of Zoology, National University of Singapore. Catalogues or commentaries on holdings of Southeast Asian specimens in other museums are also welcomed. Papers outside the stated policy will be accepted at the discretion of the Editors and/or Editorial Board.

The Raffles Bulletin of Zoology will usually consist of a single volume each year, continuing the sequence of its two predecessors, Bulletin of the Raffles Museum (1928 to 1960) and Bulletin of the National Museum of Singapore (1961 to 1970).

Taxonomists and ecologists working on material from this region may contribute. There are no page charges. All correspondence should be directed to: Peter N.L. Ng, Editor, Raffles Bulletin of Zoology, National University of Singapore, Kent Ridge, Singapore 0511.

RESULTATS DES CAMPAGNES MUSORSTOM

Volume 6 of the "Resultats des Campagnes Musorstom," coordinated by Alain Crosnier, was published early in 1990 in Memoires du Museum National d'Histoire Naturelle, volume 145. The volume, dedicated to J. Forest, includes 10 reports, nine of which are on crustaceans taken during the Musorstom Expeditions. Topics include bopyrid isopods, stylodactylid and palaemonid shrimps, lithodids, chirostylids, nephropid lobsters, and goneplacid and trapeziid crabs. The volume is available for 170 Gld (plus 10 % shipping and postage) from Universal Book Services, Dr. W. Backhuys, Warmonderweg 80, 2341 KZ Oegstgeest, The Netherlands. Volumes 1-6 of this collection can be purchased for 620 Gld (plus 10% shipping).

ANNOUNCEMENT

"Crabs of the Subfamily Dorippinae MacLeay, 1838, from the Indo-West Pacific Region (Crustacea: Decapoda: Dorippidae)" by Lipke B. Holthuis and Raymond M. Manning has been published (30 June 1990) by the Carcinological Society of Japan (TCSJ) as Researches on Crustacea, Special Number 3: iii + 151 pages, with frontispiece. Copies are available from TCSJ at the price of 3,500 yen including postage. Order form should be sent to: Dr. Toshimitsu Odawara, The Secretary, The Carcinological Society of Japan, Odawara Carcinological Museum, Azabu-juban 3-11-12, Minatoku, Tokyo 106, Japan, and payment should be made to the Society at Post Office Savings Transfer Account No. 6-66924 Tokyo. Ordinary bank checks will not be accepted.

ABSTRACT OF THE PAPER: Seventeen species of Dorippinae, distributed among eight genera, are recognized from the Indo-West Pacific region. The genera include *Dorippe*, with five species, *Paradorippe*, containing four species, *Dorippoides*, with two species, *Heikea*, new genus, recognized for two species formerly assigned to the genus *Nobilum*, and *Medorippe*, *Neodorippe*, *Nobilum*, and *Philippidorippe*, each containing one species. Representatives of all but one of the recognized genera of Dorippinae, *Phyllodorippe* Manning and Holthuis, 1981, containing one West African species, occur in the Indo-West Pacific. One genus and species that occurs in the eastern Atlantic and Mediterranean, *Medorippe lanata* (Linnaeus, 1767), is known from off South Africa and Madagascar. Otherwise the members of this subfamily are restricted to Indo-West Pacific localities. Several species of Dorippinae hold objects or species of anemones on their backs with their modified fourth and fifth legs, and representatives of several species play prominent roles in Chinese and Japanese folklore. In general, distribution patterns of known species are limited; no species extends across the Indo-West Pacific from the Red Sea and South Africa to Japan.

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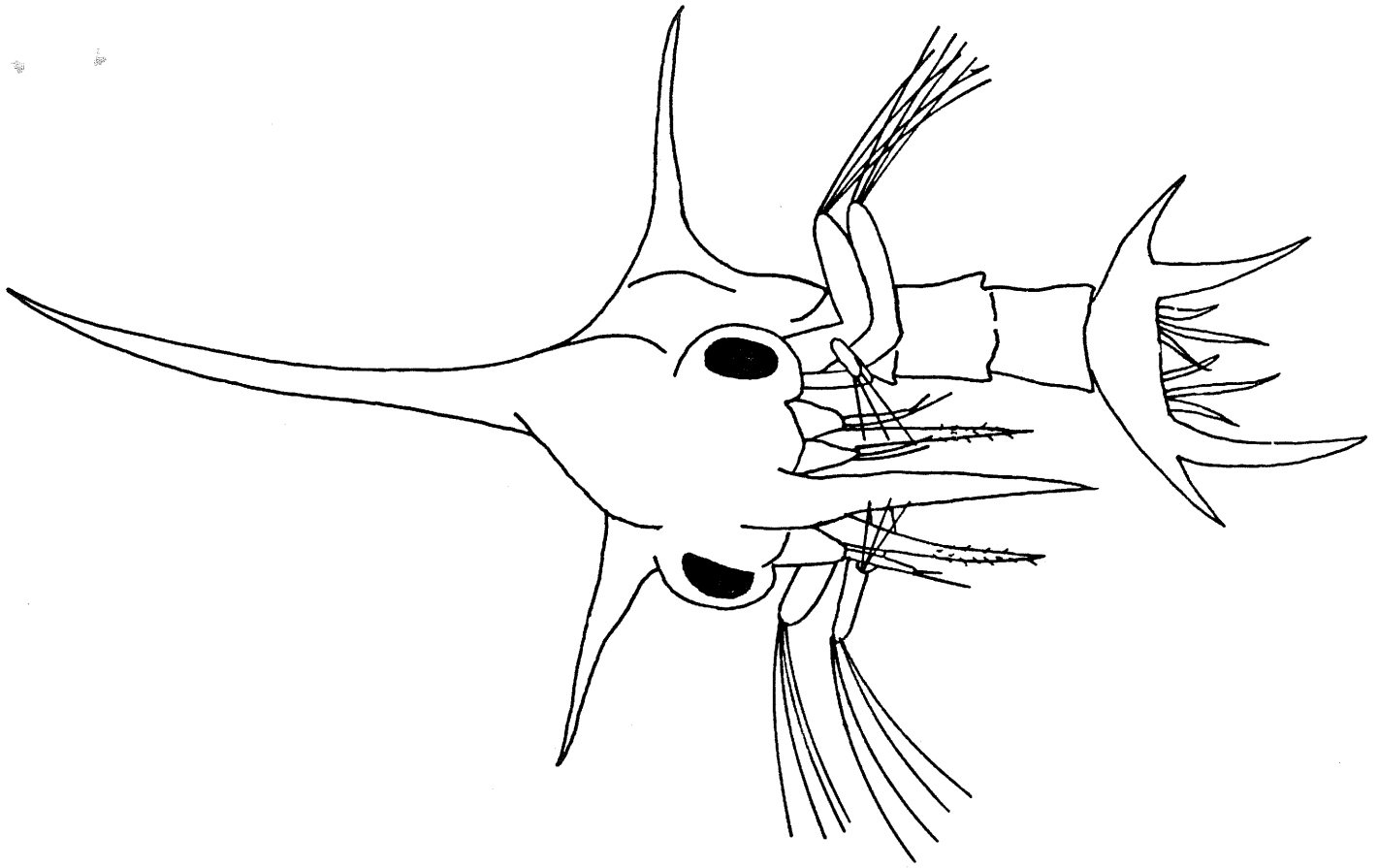
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Cancer magister zoea by Susan Shirley



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