



The Ecdysiast

Newsletter of The Crustacean Society

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Message from the President...

Dear TCS members,

I am happy to report that several developments will give new benefits to our members. We have been negotiating with JSTOR and Allen Press to make the journal more accessible to you. The first benefit will be of great utility to all of us. JSTOR has now archived all of the back issues of the *Journal of Crustacean Biology*. Through JSTOR, we plan to implement full access to the back issues of the journal to all of our members! The second benefit will help the Society by making the back issues available to non-members at a nominal cost of \$15 per article. This price is what other journals charge for similar services. Also, if you weren't aware of it, you can now access the journal through BioOne.org by using your membership number in the BioOne.org login.

As I mentioned in the May 2006 Business Meeting, we are planning to move to an electronic editorial package for the journal. The system will allow for electronic submission and review of papers submitted to the journal. We have signed a contract with Allen Press and hope to have this in place in 2007. This should greatly facilitate the workload of the Editor as well as provide an excellent means to track submissions, manage reviewers and find the status of our manuscripts. I like a feature of this software that tracks the number of times one reviews for the journal; it also tracks the mean time for reviews for each reviewer and gives the editor and associate editors quantitative information on who's slow! Better get your reviews done on time!

I reported in May and at our two business meetings this year that the society has a sound financial standing. However, our membership continues to drop (see figure). The decline in membership has slowed over the last few years, but it does cause me concern, and it should concern you, too. We must continue to recruit our colleagues and students into the society. The journal is not free, and we derive benefits to our members by not selling out the journal to one of the large publishing houses that charges exorbitant prices for subscriptions. That means we have to charge page charges and we have to have membership fees to be successful. Membership applications and recruitment information are available at our website. Please take a few minutes to subscribe if you haven't already so or take the time to talk to your colleagues and students about joining TCS. There are other benefits of membership, and those are listed on our website.

We continue to strengthen our relationship with SICB. This year, TCS will continue to co-sponsor a joint social with several sections in SICB including the American Microscopical Society, the Division of Invertebrate Zoology and others. Several officers are planning to attend the SICB meeting, too, and Martin Thiel will be there to publicize the upcoming TCS meeting in Coquimbo, Chile. TCS did not sponsor a symposium at SICB this year, but one is in the works for 2008. At the 2006 meeting, several undergraduate and graduate students gave presentations on Crustacea, and I'm sure that there will be many presentations on crustaceans at this year's SICB meeting. I look forward to seeing many of you there.

Our relationship with BioOne is excellent and provides revenue to the society. In April, BioOne hosted a meeting about issues surround Open Access, the move to make scholarly journals freely available to all. Open Access would certainly change the nature of the scholarly publishing business, and BioOne's business model must remain flexible to this change. The April meeting also involved an exercise to find additional areas for BioOne to explore. Finally, BioOne will shortly launch access to a suite of other journals and it is currently expanding into international libraries as well. If your library doesn't have access to BioOne, then you should consider discussing it with your institution's librarians. The Society receives revenue from library subscriptions through BioOne and this has helped to offset the

Message from the President...

(continued from front page)

losses in memberships.

There is still no venue for the International Crustacean Conference 7. I have now sent letters to the presidents and officers of several carcinological societies requesting input and nominations for a host for this important meeting. I have heard back from several people, and from their comments, I have asked three groups of crustacean scientists to consider hosting ICC7. I will meet with one group in November, and I hope to hear back from the other groups by the end of the year. We cannot wait long between these important meetings as they help tie together our common interests in crustaceans.

Included with this Ecdysiast is an annual ballot. The 2006 elections are for Treasurer, Secretary, and three Governorships. Please vote! If you are interested in serving the society, please let one of us know.

The next time you see Trisha Spears, Gary Poore, Mary Belk, and Fred Schram, please thank them for their efforts in making the society run smoothly. They've earned your kudos!

On a final note, I have been enjoying the larger format of the journal and I like the use of subject headings, too. I hope you enjoy these changes, as well.

Sincerely,

Jeffrey D. Shields, TCS President



CRUST-SOC@VIMS.EDU, the Crustacean Society's Listserver

The Crustacean Society has an email list server that is only open to members of the society. This list server is designed to provide you with timely official society business and important society announcements. CRUST-SOC is moderated and closed and is not a forum for discussion. It is not meant to replace CRUST-L because the latter is open to nonmembers and is for broader discussion on Crustacea. For suggestions, contact jeff@vims.edu, your TCS Secretary, or any member of the board (listed at our website <http://www.vims.edu/tcs>).

You can subscribe to CRUST-SOC by becoming a member of the society. Members who aren't subscribed can send SUBSCRIBE CRUST-SOC YOUR NAME (not your email address) as the message body to LISTPROC@VIMS.EDU. You can unsubscribe by sending UNSUBSCRIBE CRUST-SOC to LISTPROC@VIMS.EDU.

We have taken every effort to ensure that your email address has been correctly entered into CRUST-SOC. However, several members have changed email addresses or have made mistakes in entering email addresses. Thus, if you are a member and are not on the list, please enter your correct email address on the annual subscription form, and please subscribe as detailed above. Remember, CRUST-SOC is the official email list server for society information and not a forum for discussion.

CRUST-L@VIMS.EDU, the Discussion List for Crustacea

CRUST-L@VIMS.EDU is the email list server for those interested in Crustacea. It is an informal scientific forum for discussion on all aspect of the Crustacea. CRUST-L is a moderated, open list, but you have to be a member to post messages to it. You can subscribe to the list by sending SUBSCRIBE CRUST-L YOUR NAME (not your email address) as the message body to LISTPROC@VIMS.EDU. You can unsubscribe by sending UNSUBSCRIBE CRUST-L to LISTPROC@VIMS.EDU. Use LISTPROC@VIMS.EDU to post administrative commands such as SUBSCRIBE, INFO, HELP. Use CRUST-L@VIMS.EDU to post messages to CRUST-L. The listproc software includes several features such as searchable archives, and a digest mode for intermittent mailings.

The Crustacean Society Board Members, 2006

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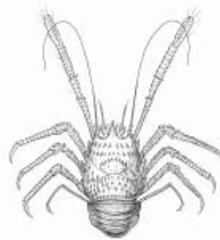
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The **Ecdysiast** is published twice yearly and mailed with the May and November issues of the Journal of Crustacean Biology. In addition, each issue, from May 1997 to present, is available to be downloaded as a pdf at The Crustacean Society's website (see <http://www.vims.edu/tcs/ecdysiast.htm>). Submissions for the May newsletter should be received by mid March, while those for the November newsletter should be received by mid September. All types of crustacean related contributions are encouraged, including announcements of upcoming workshops and meetings, regional updates, current research, meeting summaries (with photos!), new publications and any other crustacean news.

Send all material directly to the editor:

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Recent Meetings...

TCS 2006, Juneau

The Juneau meeting was excellent! Sherry Tamone and her staff did a bang up job providing a cozy but diverse meeting of crustacean interests. There were 31 papers on topics ranging from the molecular biology of crustacean hyperglycemic hormone to the spatial variability of Dungeness crab larvae, and everything in between. Because of its location, the meeting had many papers on several cold-water species including king, snow, tanner and Dungeness crabs. At afternoon breaks, several of us climbed up to the Mendenhall Glacier or hiked up to the vista points on Mt. Roberts! (Some of us also took the tram!!) However, the stunning beauty of Alaska did not distract us, and we dutifully returned to the meeting fully charged for the morning sessions; all except for Jody Martin who would sneak out for some fly fishing in between sessions. (Hi Jody!) The post-conference tour was a fantastic day-long cruise down the Tracy Arm to see icebergs, glaciers, whales, eagles, and the majestic fjords of the region. It was stunning!

In the backdrop of Mt Roberts, several students also gave papers and competed for Best Student Paper and Poster Awards. Here we recognize the outstanding presentations made by the below award winners. Congratulations!

- Best Student Paper: Ammon Rice, "The influence of environmental parameters on zoeal recruitment dynamics of the Chinese mitten crab, *Eriocheir sinensis*, in San Francisco Bay, California."
- Honorable mention: Ho Chee Lei, "Four DNA markers for studying the systematics of Caridea."
- Best Student Poster: Jessica Reichmuth, "Behavioral and genetic differences between two populations of blue crab (*Callinectes sapidus*) in New Jersey."
- Honorable mention: Matthew Hill, "The large branchiopods (Anostraca, Notostraca, Laevicaudata, Spinicaudata) of Oregon, Washington, and adjacent areas of North America."

Sincerely,
Jeff Shields,
TCS President

Juneau pictures



Tom Shirley and Sherry Tamone



The glacier hiking party



Brian Tsukimura, Gary Poore and Jody Martin



Mary Belk and Fred Schram

ANDEEP workshop

(biodiversity of the deep Southern Ocean)

National Oceanographic Centre, Southampton

Saturday the 15th to Sunday the 16th July 2006

http://www.noc.soton.ac.uk/GDD/DEEPSEAS/symp_pages/symphome.html

The workshop was funded by the Sloane Foundation through Census of Marine Life (CoML) field projects CAML (Wadley) and CEDAMAR (Hilbig).

In the beginning brief presentations from scientists of different disciplines were presented. Pedro Martinez Arbizu presented data on Crustacea from the SO on results of the meiofaunal work on Copepoda. Angelika Brandt presented results of the isopod working group, including a poster on interesting results referring to deep evolution and cold ecology at multiple scales by S. Kaiser and others. Michael Raupach presented results of the molecular work on deep-sea isopods, addressing two issues: 1) the phylogeny of the Asellota using molecular data (18S rDNA), and 2) the intraspecific genetic variations of selected species. Simone Nunes Brandao presented results on the podocopid ostracods from ANDEEP samples.

Following these presentations, a brief overview was given by Angelika Brandt on behalf of Bruno Danis about SCAR-MARBIN (www.SCAR-MarBIN.be), a joint project between SCAR and the Belgian government's Marine Biodiversity Network, corresponding to IPY core initiative #83 to make data more available. SCAR-MARBIN is the regional node of OBIS for the Antarctic and a CoML companion-project.

Afterwards, potential papers for the next special volume of Deep-Sea Research II, which the ANDEEP team will try to compile by the end of 2007, were discussed besides potential synthesis papers and scientific highlights of the ANDEEP project.

One goal of CeDAMAR's is to gather all available information, from field efforts to data analysis, and present the results. Thus far, ANDEEP has provided most of the information for CeDAMAR (Martinez Arbizu), although data from other projects (Kaplan, CROZEX and the Mediterranean) were still being received.

On the second day future perspectives, projects and expeditions were discussed, such as ANDEEP/SYSTCO and synecological approaches.

Submitted by Angelika Brandt,
TCS European Governor

Recent Meetings...

SYSTCO workshop (an International Polar Year (IPY) core project)

www.ipy.org

7-8 September 2006, Bremerhaven

After an introduction by Eberhard Fahrbach, coordinator of Polarstern cruises, funding during the IPY was discussed.

Angelika Brandt presented ideas behind SYSTCO as a continuation of the history of ANDEEP. Whereas ANDEEP was a first assessment of the biodiversity in the deep Southern Ocean, SYSTCO will focus on target organisms to explore their biology. Of particular interest will be coupling processes between the atmosphere, water column, and the deep-sea floor. Rather than trying to cover as much geographical area as in ANDEEP, SYSTCO will only need a few stations but will employ many different methods and gear types. Through taxonomic work on the samples taken, SYSTCO is linked with CoML.

Submitted,
Anglelic Brandt,
TCS European Governor

Lizard Island Amphipod Workshop, July 10-14, 2006, Ft. Lauderdale, FL

In July, eight of 14 amphipod taxonomists involved in the "*The Amphipod Crustaceans of Lizard Island, Great Barrier Reef*" gathered at Nova Southeastern University in Ft. Lauderdale for a weeklong workshop. The aim of the project is to study tropical Australian amphipods using Lizard Island Research Station (LIRS) as a collecting base. The goals of the workshop were to provide taxonomic updates and progress reports in describing and illustrating Lizard Island amphipods.

Amphipod taxonomists involved in the project are describing over 180 species from Lizard Island and adjacent areas, over one-half of which are new species. Jim Lowry and Alan Myers are the project leaders. Jim Thomas (Nova Oceanographic Center) organized and hosted the workshop. The project began with a two-week collecting effort in the waters around Lizard Island Research Station in February 2005. During the Ft. Lauderdale workshop, Jim Thomas also made his Orpheus Island amphipod collection from available for participants, providing a number of additional new taxa for the project.

The results of the project will triple the number of known amphipod species from the Great Barrier Reef and influence further work on Australian amphipods and amphipods in the Indo West Pacific area. Descriptions and identification keys will be produced directly from DELTA (Descriptive Language for Taxonomy) data files.

Zootaxa will publish the results in a dedicated volume and taxonomic data will be incorporated into the web version of the Zoological Catalogue of Australia (Lowry & Stoddart, 2003). Online monographs and interactive keys to the amphipod fauna will be posted on the Australian Museum website at www.crustacea.net.

During the week participants discussed data standards and protocols, checked for consistency of terminology and worked on database problems and formats in addition to sampling the food, nightlife, and local amphipod fauna of the Ft. Lauderdale area. At the end of the week all participants took an afternoon airboat tour of the Everglades.



Amphipod workshop attendees:

L to R: Jim Lowry, Oliver Coleman (sitting) and family, Jim Thomas, Rachael King, Alan Myers, Kris Klebba, Lauren Hughes, Sara LeCroy, Traudl Krapp, Joe Hall, Laura Wright.



Sara LeCroy, Jim Thomas and Rachael King collecting amphipods



The Airboat ride!

Alan Myers (at back), Jim Lowry, Sara LeCroy (at back), Traudl Krapp and Kris Klebba.

Upcoming Meetings...

Society for Integrative and Comparative Biology January 3-8, 2007 Phoenix, Arizona

Hope to see everyone in Phoenix, AZ for the SICB meeting January 3-8, 2007. Registration deadline is **December 1, 2007**. (<https://ssl4.westserver.net/birenheide.com/secure/sicb/2007AM/index.php3>).

The meeting will be held in the Phoenix Convention Center and the associated hotel is the Phoenix Hyatt (<http://phoenix.hyatt.com/groupbooking/phxrpsicc2007>).

TCS will have a booth in the exhibition area, please come by and visit with **Jeff Shields, Mary Belk, Chris Boyko** and me. There are many crustacean papers at the SICB in Phoenix; however, TCS is not sponsoring a symposium here. TCS Winter Business Meeting will be held on Thursday evening, January 4, at 5:15 PM. TCS will be sponsoring a social with the Divisions of Invertebrate Zoology, Systematics and Evolutionary Biology and Ecology and Evolution, plus the American Microscopical Society on Friday, January 5 at 6:30 – 8:30 PM. Please see the SICB program to confirm the rooms.

Congratulations to Jody Martin for having the symposium entitled “Advances in Decapod Crustacean Phylogenetics” accepted for the 2008 SICB in San Antonio, TX January 2-6, 2008. Be sure to place this on your calendars.

Submitted by Brian Tsukimura,
SICB Liaison Officer

The 99th Annual Meeting of the National Shellfisheries Association

at Aquaculture 2007 in San Antonio, TX,
February 26 - March 2, 2007
<http://www.was.org/meetings/>

Sessions are planned on crustacean culture, shrimp, shellfish diseases, and more.

13th International Colloquium on Amphipoda

Balaton Limnological Research Institute of the Hungarian
Academy of Sciences,
Tihany, Hungary
May 20-25, 2007
(www.blki.hu/13thICA)

This Colloquium hosts every aspects of Amphipoda (systematics, genetics, evolution, ecology, physiology, range extensions, etc.) both freshwater and marine (see the Programs of the previous Colloquiums: <http://www.tmu.uit.no/amphipod/index.html>). The XIII ICA will take place in the Institute, where also limited accommodation is possible. Other accommodation possibilities (hotels and private rooms) are available on Tihany Peninsula (www.tihany.hu)

Important dates:

Deadline of the Preliminary Registration: 01 October 2006.

Second Circular: October 2006.

Deadline of the Registration and Abstract: 01 November 2006.

Deadline of Payment of the Registration Fee: 01 February 2007.

Organizer: Ilona B. Muskó (musko@tres.blki.hu)

The Annual Meeting of the Eastern Fish Health Workshop

Gettysburg, PA,
June 18-22, 2007.

A session entitled Emerging Disease Problems in Crustacea is being organized by Jeff Shields, jeff@vims.edu

The 8th Lobster Conference in Charlottetown, Prince Edward Island September 2007

The 8th International Conference and Workshop on Lobster Biology and Management will be co-hosted by the Prince Edward Island Department of Agriculture, Fisheries, Aquaculture & Forestry and the Atlantic Veterinary College, Lobster Science Centre. It will be held in Charlottetown, Prince Edward Island, in September 2007. Contact Jean Lavallee, jlavallee@upe.ca, for more details.

Upcoming Meetings...

2007 Meeting of the International Society of Invertebrate Reproduction and Development (ICIRD)

August 6 to 9, 2007

<http://striweb.si.edu/icird/index.html>

Hosted by Smithsonian Tropical Research Institute Panama, Republic of Panama

The 11th ICIRD meeting, organized by the Smithsonian Tropical Research Institute (STRI) will be held in the El Panama Hotel in Panama City, the Republic of Panama, 6-9 August, 2007.

Symposia:

Parasitic Manipulation of Reproduction of and by Invertebrates

Organized by Jack Werren werr@mail.rochester.edu and Marie-Jeanne Perrot-Minnot.

Sexual Selection in Invertebrates

Organized by Janet Leonard (jlleonar@ucsc.edu) and John Christy (christyj@si.edu)

Reproductive Toxicology of Invertebrates

Organized by Gary Caldwell (Gary.Caldwell@newcastle.ac.uk) and Matt Bentley (M.G.Bentley@newcastle.ac.uk)

Genetics and Reproduction of Invertebrates

Organized by Fabiola Arcos Ortega (farcos04@cibnor.mx)

Environmental Signals Controlling Invertebrate Reproduction

Organized by Gordon Watson (gordon.watson@port.ac.uk)

Registration information will be posted on <http://striweb.si.edu/icird/> and will be web-based. Detailed information will be posted by September 15th, 2006 and registration will begin in March 2007.

TCS Mid-Year Meeting in 2007

Coquimbo-La Serena, Chile,

October 14-19, 2007

<http://www.bedim.cl/tcs2007/>

Organized by the Universidad Católica del Norte in Coquimbo, Chile. English will be the official language of the conference for both oral and poster presentations. One conference day will be set aside for collecting trips and classrooms with microscopes will be available. English-speaking student guides will also be available for additional sampling trips during the post-conference weekend.

The Coquimbo-La Serena region (~ 300,000 inhabitants) is one of the most famous tourist areas in Chile, located 470 km to the north of Santiago, on a beautiful sheltered bay of the Pacific Ocean. Its warm weather, fresh air, and beautiful landscapes make this region one of the best places in Chile to live. La Serena is on the Elqui River, with active commercial and agricultural centers in a region of orchards and vineyards. La Serena was founded in 1543, a city of Old World charm and noted for its churches, fine buildings, and gardens. Coquimbo is 10 km from La Serena, a lively and fascinating harbor city with diverse and fresh seafood. Universidad Católica del Norte is located on the southwestern shore of Coquimbo peninsula at the historic La Herradura Bay, where both Sir Francis Drake and the crew of the Beagle once anchored.

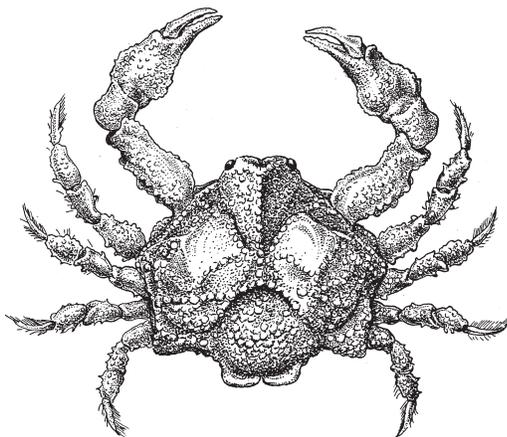
The conference will be held at a four-star hotel, the Serena Club Resort, right in front of the beach (cost will range from US\$50 for a single room to US\$70 for a double). The hotel is located on Avenida del Mar, the scenic coastal road along the beautiful beaches between La Serena and Coquimbo. It is a perfect place for all those who wish to combine business with pleasure! The center of La Serena can be reached in 5 minutes by car, and in 15-20 minutes by walking. Many hotels and cottages are available within 5-minute walking distance from the conference hotel. **To encourage student attendees, a student-host program will be arranged where participating students can stay with local students at no cost (just bring a sleeping bag!).**

The airport is a 10-minute drive to the conference hotel. Following air travel to Santiago, Chile, there are several daily connections to La Florida Airport in La Serena. Bus service is also available.

For further information, please contact Dr. Martin Thiel: thiel@ucn.cl

Organizing Committee: Dr. Martin Thiel (Chair), Dr. Exequiel R. González and Dr. Pilar Haye (Secretaries), Dr. Enzo Acuña, Mr. Enrique Dupré, Dr. Armando Mujica, Dr. Ingo Wehrtmann.

Scientific Committee: Dr. Klaus Anger, Dr. Akira Asakura, Dr. Ray Bauer, Dr. Georgina Bond Buckup, Dr. John Christy, Dr. Michel Hendrickx, Dr. Gary Poore, Dr. Les Watling, Dr. Gary Wellborn.



Current research...

Appeal for Information/specimens

Land crabs of the family Gecarcinidae have a split personality! The adults live on land, generally visiting the sea only during the annual spawning season. Females then enter the sea briefly for the eggs to hatch. The larvae, however, have a typical brachyuran planktotrophic development at sea, lasting two to three weeks, after which the megalop or first crab (depending on species) emerges onto the land to complete the cycle. The annual seaward migration of the females is well documented for a number of species: by contrast the return of the young crabs to land has been seldom observed.

When this return is observed it can be very striking and unmistakable, with millions of tiny crabs invading houses and covering beaches, rocks and roads. I observed such an event in 2004 for the Caribbean black crab, *Gecarcinus ruricola*, on the Columbian island of Old Providence (Hartnoll & Clark, 2006). There are only two earlier reports for this island in the previous twenty years, and none for the neighbouring island of San Andres which also has a substantial population of *G. ruricola*. There was a mass return of the same species on Jamaica in 2006 (Karl Aiken, University of West Indies, pers. comm.), but no earlier records there in living memory. On Ascension Island the only record of a mass return of *Johngarthia lagostoma* was in 1963 (see Hartnoll et al., 2006). On Christmas Island there has been a mass recruitment of *Gecarcoidea natalis* only every five years or so (Hicks et al., 1990).

I would be grateful for any observations of gecarcinid mass recruitment (or even lesser recruitment). These could either be new, unpublished, or somewhere in the literature (including newspapers) which I have missed. As much detail as possible would be appreciated, especially on timing, numbers, and the stage involved. Photos, and or specimens, would be very valuable (and returned if requested).

Please forward any information to hartnoll@advsys.co.uk. Postal address Richard Hartnoll, Valla Veg, Lime Street, Port St Mary, Isle of Man, UK IM9 5ED. If I can use it there will be full acknowledgement of course.

Hartnoll, R.G. & P.F. Clark. 2006. A mass recruitment event in the land crab *Gecarcinus ruricola* (Linnaeus, 1758) (Brachyura: Grapsoidea: Gecarcinidae), and a description of the megalop. *Zool. J. Linn. Soc.* **146**, 149-164.

Hartnoll, R. G., Mackintosh, T. & T. J. Pelembe. 2006. *Johngarthia lagostoma* (H. Milne Edwards, 1837) on Ascension Island: a very isolated land crab population. *Crustaceana* **79**, 197-215.

Hicks, J. W., Rumpff, H., & Yorkston, H. 1990. Christmas Crabs. Christmas Island Natural History Association, Christmas Island, Indian Ocean. 81 pp.

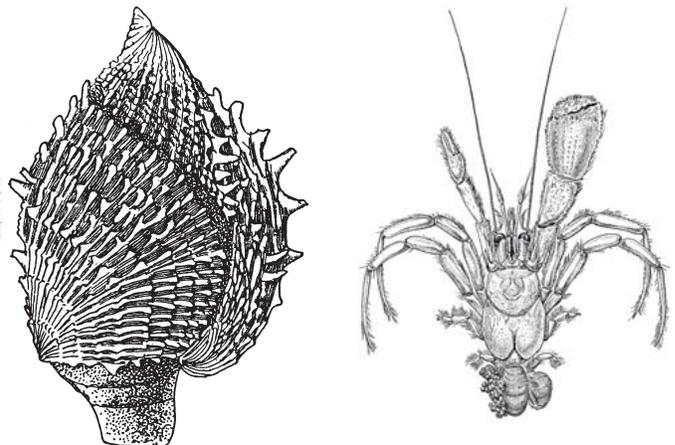
The French-Mexican Clipperton fieldwork: an exciting opportunity to study the zoogeography of the crustacean in the central Pacific Islands

Clipperton is a French possession located at about 1200 km off the Mexican coast. This isolated place is the only atoll of the eastern Pacific and it can be considered as an outpost of the Tuamotu Archipelago. It is situated at the junction of two very distinct faunistic provinces (Indo-West Pacific and eastern Pacific) and the study of its crustacean fauna is therefore of particular interest. The atoll was visited from December 2004 to April 2005, during a French-Mexican Expedition. The Crustacean (Decapoda, Stomatopoda) have been sampled in the intertidal area and by scuba diving, down to 55 m. Full results of this fieldwork, including detailed zoogeographic study, will be published in 2007 in the series of the Muséum national d'Histoire naturelle, Paris. In the meantime, an illustrated checklist as been posted on the Internet and can be consulted at: <http://decapoda.free.fr/clipperton.php>.



Clipperton atoll – An outpost of Tuamotu archipelago in the eastern Pacific

Written by: Dr. POUPIN Joseph – Taxonomy of central Pacific Decapoda. poupin@ecole-navale.fr



Current research...

Midwater crustaceans from the Gulf of Mexico

Mary K. Wicksten, Department of Biology, Texas A7M University, College Station, TX 77843-3258, Wicksten@mail.bio.tamu.edu

My students and I just finished completely sorting the last of nearly 100l plankton samples collected in midwater trawls from 1965-1973. We are sorting hyperiid amphipods to species and preparing a short report on them. We also have abundant mantis shrimp and brachyuran larvae, "giant" calanoid copepods, ostracods, euphausiids, lophogastrid mysids, oplophorid, sergestid, and pasiphaeid decapods and a few *Lucifer* spp. and larval polychelid lobsters. Unfortunately, all of these specimens were preserved in 10% formalin. No living color notes are available. If anyone is interested in studying any of these taxa, please contact me. We can send specimens on loan; we also are happy to have visitors.

New publications...

Issues of Decapod Crustacean Biology

Series: Developments in Hydrobiology, Vol. 184
Thessalou-Legaki, Maria (Ed.)
2006, VIII, 160 p., Hardcover

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<http://www.springer.com/west/home/environment?SGWID=4-198-22-140482469-0>

\$109.00

This volume presents the proceedings of the eighth Colloquium Crustacea Decapoda Mediterranea, which was held at the Ionian University on Corfu Island, Greece, from 2 to 6 September 2002, and reflects recent advances in decapod crustacean research. The meeting is the oldest European carcinological event, organized regularly at 3-year intervals since 1972. Although focused on the Mediterranean Sea, worldwide contributions provided a forum for fruitful contact and scientific exchange.

The book covers up-to-date issues in decapod crustacean research, including genetics, morphology, reproduction, ecology, behaviour and fisheries, and it is primarily aimed at scientists interested in decapod crustacean research, but other scientists and decision-makers working on marine ecology and fisheries will also find up-to-date information on relevant issues.

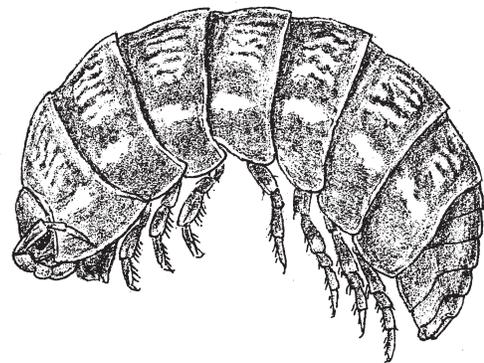
A taxonomic guide to the mysids of the South Atlantic Bight

Richard W. Heard, W. Wayne Price, David M. Knott, Rachael A. King, and Dennis M. Allen

Summary: Following the examination of extensive collections from the U. S. National Museum of Natural History (Smithsonian), the Southeastern Regional Taxonomic Center and regional institutions, 18 species of the family Mysidae are recognized and described from the South Atlantic Bight (Cape Lookout, North Carolina to Cape Canaveral, Florida). This report includes synonymies of previous records, as well as new species distribution records. An illustrated key to the species currently known from the South Atlantic Bight is presented. Relevant taxonomic, distributional and ecological information is also included for each species.

Published as NOAA Professional Papers NMFS 4 and freely available online at <http://spo.nwr.noaa.gov/pp4.pdf>

Contact Rachael King at KingR@dnr.sc.gov for more information regarding the work of the Southeastern Regional Taxonomic Center in Charleston, South Carolina
<http://www.dnr.sc.gov/marine/sertc>



The Crustacean Society Graduate Student Fellowships and Scholarships



The Crustacean Society Board is pleased to solicit applications by graduate students for the following monetary fellowships:

- **The Denton Belk Memorial Scholarship in Graduate Studies** (\$1500);
- **The Crustacean Society Fellowship in Graduate Studies** (3 awards of \$1000 each in the areas of (1) crustacean ecology and/or behavior; (2) crustacean population genetics and/or physiology; and (3) crustacean systematics, biogeography, and/or evolution.

All fellowships/scholarships will support the awardee's research program, including, but limited to: supplies, travel for research, participation in off-campus research experience or training, or a specialized course of study to advance the awardee's knowledge and skills. Selection of the awardee is based on the relevance of the request ("candidate's statement") to the applicant's educational and research goals and a letter of support/recommendation from the applicant's major professor or mentor. Scholarships are awarded annually and may be received only once per awardee. Unsuccessful applicants may re-apply in subsequent years.

Please note: applicants for The Denton Belk Memorial Scholarship in Graduate Studies must be conducting or proposing research that specifically targets large branchiopod crustaceans (e.g., Anostraca, Notostraca, Conchostraca).

Currently enrolled graduate students working on either a MS or PhD degree may apply by completing and sending the appropriate application form and required documentation (CV, letter of support, and candidate's statement) to:

Dr. Trisha Spears
The Crustacean Society Awards Committee
Department of Biological Sciences
Florida State University
Tallahassee, Florida 32306-1100

For questions: spears@bio.fsu.edu

DEADLINE FOR SUBMISSION: February 16th, 2006

Please note: The applicant and his/her major professor or mentor must both be current members of The Crustacean Society at the time of application.

**THE CRUSTACEAN SOCIETY
FELLOWSHIP IN GRADUATE STUDIES**

2006 APPLICATION

The Crustacean Society TCS) annually awards one \$1500 Denton Belk Memorial Scholarship in Graduate Studies (focusing on large branchiopod research) and up to three \$1000 fellowships in graduate studies on crustaceans, one each in the areas of (1) population genetics and physiology, (2) ecology and behavior, and (3) systematics, biogeography, and evolution.

DEADLINE FOR APPLICATION: 16 FEBRUARY, 2006

Please return completed application and supporting materials to:

Dr. Trisha Spears

The Crustacean Society Awards Committee

Department of Biological Sciences

Florida State University

Tallahassee, Florida 32306-1100

Name: _____

Mailing address: _____

E-mail: _____ FAX: _____

Home phone: _____ Lab/work phone: _____

Type of degree currently pursuing (please check one): _____ Master's _____ PhD

Current year of graduate study: _____ Expected date of degree: _____

I am applying for (please check one):

_____ The Denton Belk Memorial Scholarship in Graduate Studies

_____ The TCS Graduate Studies Fellowship (population genetics and/or physiology)

_____ The TCS Graduate Studies Fellowship (ecology and/or behavior)

_____ The TCS Graduate Studies Fellowship (systematics, biogeography, and/or evolution)

*** PLEASE ATTACH A COPY OF YOUR CV AND A SUPPORTING LETTER FROM EITHER YOUR MAJOR PROFESSOR OR ANOTHER MENTOR IN YOUR FIELD OF RESEARCH.

*** PLEASE NOTE: BOTH THE APPLICANT AND THE MAJOR PROFESSOR (OR MENTOR) MUST BE CURRENT MEMBERS OF THE CRUSTACEAN SOCIETY AT THE TIME OF APPLICATION.

CANDIDATE'S STATEMENT:

Attach a brief statement (no more than two single-spaced typed pages) summarizing your research objectives and program and specifically describing how this fellowship will contribute to your research and to your ultimate career goals. A short description of the budget for which this fellowship will be used must be included within the two-page statement.

Please also attach an official description or announcement of the course, field experience, workshop or training program if the fellowship will be used (either in total or in part) for this type of activity.



TCS T-shirt Order form

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NAVY SHIRT

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NB: We are planning to order more small and medium T shirts this fall, but currently have none in stock.

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Send checks made out to The Crustacean Society. If paying by VISA or Mastercard, include card number, expiration date, type of card, and please sign the form. Other cards are not accepted.

Card details: _____

Send orders to: Dr. Jeffrey Shields, POB 1346, VIMS, Gloucester Point, VA 23062, USA, jeff@vims.edu

TCS Board Elections, 2006



The Crustacean Society officers and governors serve for two-year terms, half being elected each year. The term of the President and President-Elect is limited to two years but other officers and governors may serve multiple terms. Five offices are now open for the period 2006-2007, the positions of Treasurer, Secretary, North American Governor, European Governor and Indo-Pacific Governor.

Brief biographies of the nominee or nominees for each office are given on the TCS website (www.vims.edu/tcs/ballotinfo.html).

You may vote either by email or by the ballot attached at the end of this newsletter. Email is the preferred method as it expedites the process. Please take the time to vote for the candidates nominated or you may write-in a candidate of your choice. Voting will close on 30 December 2006.

To vote by email, please type "TCS 2006 Ballot" in the subject line and send your votes to Jeff Shields at jeff@vims.edu. Please limit the message field to:

Treasurer: name
Secretary: name
North American Governor: name
European Governor: name
Indo-Pacific Governor: name

To vote by regular mail, please mark your ballots and return them to: TCS 2006 Elections, Care of: Dr. Jeff Shields, President-Elect, The Crustacean Society, Environmental Science Department, Virginia Institute of Marine Science Gloucester Pt., VA 23062.

BALLOT

The Crustacean Society Elections, 2006

**Deadline for return of ballots is
December 30, 2006**

Please indicate your choice of candidate for each of the TCS offices listed below. Fold, staple, affix a stamp, and mail this ballot to Dr. Jeff Shields at the address on the reverse. If you prefer, you may vote via email by placing "TCS 2006 Ballot" in the Subject line and sending your selections to Dr. Shields at jeff@vims.edu. See page 14 of this Ecdysiast for detailed email voting instructions and details on where to find brief biographies of the candidates.

THANKS FOR TAKING THE TIME TO VOTE!!!

Treasurer:

Mary Belk _____

Write in _____

Secretary:

Christopher Tudge _____

Write in _____

North American Governor:

Regina Wetzer _____

Todd Haney _____

Chris Taylor _____

European Governor:

Angelika Brandt _____

Jens Høeg _____

Indo-Pacific Governor:

Shane Ahyong _____

Brian Jones _____

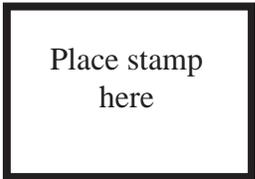
Please detach, fold, staple, stamp and mail your ballot.

Fold two



TCS 2006 Elections

Care of: Dr. Jeff Shields
President, The Crustacean Society
Environmental Science Department
Virginia Institute of Marine Science
Gloucester Pt., VA 23062



Fold one

