



THE ECDYSIAST

Newsletter of the Crustacean Society

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Message from the President

Dear TCS members: I shall not make this a long message. When I accepted being candidate for the presidency I was told that this chair would be the easiest in the officer corps. If so, I pity my fellow officers. Being president actually entails a lot of work. It is a great pleasure to serve you, but I would rather use my time as president on matters that have immediate effect for you than writing long speeches.

This summer the main event in our society was the meeting in Puerto Vallarta. You will read an account of the meeting elsewhere in this issue. Suffice it to say that I thoroughly enjoyed this great event and would like once again to thank the entire organizing team for all their efforts. Well done!

During the meeting, the few TCS officers present were all very busy in between talks discussing various urgent business matters. Many of these concerned the running of JCB and the economics entailed. Discussions of these items have continued very intensively since the meeting and are right now crystallizing into some changes in policy. Our prime concern is to make the society and its journal financially sound while still maintaining a broad base of subscribers and contributors. This is no easy task in today's competitive market of scientific journals, but I believe we have made much progress, not least thanks to the combined efforts during the last two months of our editor, David Camp, and our treasurer, Alan Harvey. One important policy change will concern how to handle special issues of JCB. Other changes will deal with how

to handle authors charges, and we are also planning a new and much simpler scheme of subscription rates. You will be kept informed on these pages.

In my last address to you I emphasized the importance of having a broad international base of our society. The recent summer meeting confirmed my impression that this trend is progressing without compromising our traditional solid base of members in North America. The participants came from a wide array of countries. Not surprisingly, there were a large number of people from Mexico. However, a large number of participants also came from other Latin-American states and the USA, and there was even a fair representation from Europe despite the distance.

In Puerto Vallarta perhaps the most important single issue raised came from

Michel Hendrickx. Michel voiced his concern over all those carcinologists we do not see and many of whom we are not even aware of. I know many of you may sometimes find it hard to pay the membership dues for TCS, but think of those that cannot possibly afford membership and for whom even access to a library or the internet is an unheard of luxury. These, largely unknown colleagues may often fight a brave battle to maintain some minimal research and teaching activities against all possible odds. Yet, it is on such people we shall depend on if a deeper understanding of biological issues and concerns shall spread to poor and developing areas in the world. I take the opportunity to mention our member Dr. José Orensanz from Argentina whose pioneering efforts are mentioned elsewhere in this issue. Michel Hendrickx and I agree that the TCS should try to assist these colleagues. They can be found not only in Latin-America, but in areas of financial hardship all over the globe. In an ideal world, TCS should be able to assist financially, but at present we have neither the funds nor an organization to do that. In my view, it could be much more effective if individual members, or groups of members, helped colleagues in need directly. One obvious way is to sponsor membership for a colleague. I know many of you already do that and remember, for us with a tenured position in an affluent country this often amounts to no more than one dining out. Another avenue is to compile duplicate reprints and journals and dispatch them to those in need. I am on the editorial board of several journals

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and receive personal copies. However, this is a indeed luxury since I have a well equipped university library within 10 minutes of my office. Some of you may be in a similar position, so why not regularly send a package of new journal issues to members that have but very poor library facilities. I am confident these journal issues would often work much more efficiently and be treasured in e.g. a Latin-American research library than if they stay in our offices. These are just ideas. You may have some better ones. If so, use these pages or contact Michel Hendrickx or me. We are eager to

encourage such initiatives and will be glad to assist. Wherever the efforts can occur under official TCS sponsorship, I will endeavour to promote just that.

Another important issue in Puerto Vallarta was the decision that the 2002 summer meeting will take place in Lodz, Poland together with the 4th European Crustacean Congress. Look for an announcement of this event on our web site. Decision on the 2003 and 2004 summer meetings are still pending, but I believe at least one of these should occur in the US. Therefore, institutions that would like to host the society are invited to step

forward with an offer. I have already received one. This prompts me to inform you that all TCS officers can now be reached on e-mail using a single e-mail button on the TCS web site.

I shall have to wind down from here. In Copenhagen it is late evening as I write this, and I am facing three contiguous days of teaching carcinology to our students in zoomorphology. But having contact with enthusiastic students is one great pleasure of being a scientist.

Sincerely, your president
Jens T. Høeg.



*The Crustacean Society
Officers and Governors
2000*



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The 2000 Summer TCS Meeting, Puerto Vallarta

The magnificent Pacific coast of Mexico provided a wonderful setting in late June for both the renewal of old friendships and the formation of new ones among crustacean biologists from the region and throughout the world. All of those who contributed to the organizing and managing of this gathering, from social events to the paper sessions, are to be congratulated on their success. Special thanks are owed for the efforts of our cherished colleagues Elva Escobar and Fernando Alvarez, as well as to other affiliates of our host agencies, the Instituto de Ciencias del Mar y Limnología and the Instituto de Biología, Universidad Nacional Autónoma de México.

The Krystal Hotel provided comfortable accommodations and grounds for the meeting, which kicked off with a sunset social near water's edge at "Las Siete Columnas." The blend of great regional food (including that endless supply of guacamole!) and lots of healthy cold beverages provided just the right atmosphere to help arriving registrants to cast aside their inhibitions. This gathering seemed to set the stage for a number of *ad hoc* evening socials thereafter; true to the cosmopolitan make up of this crowd, refreshments subsequently ranged from "Clark's Scottish Orange Juice" to a variety of regional brews.

But one should not neglect to note that there was also a very substantive formal scholarly agenda, and a highly diverse one at that. The array of papers and posters at this meeting appeared to span a broader range of topics than ever before at a TCS summer meeting. Special sessions touched on such diverse topics as "Neuronal Substrate and Crustacean Behavior", "Habitat Loss and Crustacean Conservation", and "Macrocrustaceans of the Eastern Pacific." Contributed papers touched on varied aspects of ecology, development, physiology, genetics, behavior, systematics, and biodiversity. A number of the student papers and posters were truly terrific, with Lisa Rodrigues, University of Toronto, taking the top student honors. Many of the authors opted to submit their papers for publication in a proceedings volume entitled "Modern Approaches to the Study of Crustacea",

edited by Elva and Fernando, and published by Kluwer Academic/Plenum Publishers; these are presently in review.

As was pointed out in the opening address of our society President, Jens Høeg, the society once again demonstrated an ever strengthening international base at this meeting. The 170 plus meeting participants this year represented no less than 14 countries, ranging from Russia to Chile. Especially large turnouts were this year mustered by (guess where) Mexico!, Venezuela, the US, and Brazil. We of the old guard could not fail to note that, physically absent from this gathering of scholars, were a couple of recently departed friends who had been among our longest-standing supporters and most devoted meeting

attendees. However, the spirit that they fostered in the building of this society and their promotion of its international growth was very much in evidence.

The closing banquet featured an elegantly presented dinner and a hot little band that kept the Latin music hopping until the late hours. Quality of the dancing ability among the attendees clearly appeared to vary by lineage and country of origin, with the Mexicans, Venezuelans and Brazilians getting my votes... but one must admire other brave souls, even the Danes, for enthusiastically having a go at it! This final social provided a very fitting end to a most enjoyable meeting.

– contributed by Darryl Felder

Best Student Presentation Awards

The Crustacean Society recognized five student presentations at their Summer Meeting which was held in Puerto Vallarta, Mexico from June, 26-28, 2000. The award for Best Student Oral Presentation went to Ms. Lisa Rodrigues from the University of Toronto, Ontario, Canada and the Bermuda Biological Station for Research, St. George's, Bermuda [David Dunham and Kathryn Coates, co-authors] for her paper entitled, "Shelter preferences in the endemic Bermudian hermit crab, *Calcinus verrilli*". The award for Best Student Poster went to Ms. Renata Bingi Garcia from the University of Sao Paulo, Ribeirao Preto campus, Brazil [Fernando Luis Medina Mantelatto, co-author] for her poster entitled, "Shell preference of the hermit crab, *Calcinus tibicen* (Anomura: Diogenidae) from Ubatuba Region, Brazil." Each of the above award winners will receive a certificate, a free one-year membership in TCS (which includes a subscription to the *Journal of Crustacean Biology*), and a cash award of \$50.00 from the society.

In addition, the following three presentations were given honorable mention recognition. Mr. Cristián Correa from the Universidad Católica del Norte, Coquimbo,

Chile [Juan A. Baeza, Ivan Hinojosa, and Martin Thiel, co-authors] for his oral presentation entitled, "Mating hierarchy and mating tactics in rock shrimp;" Ms. Adriana Corona from the Universidad Nacional Autónoma de México [= UNAM], México D.F. for her poster entitled, "Mesograsser selection by the pink shrimp *Farfantepenaeus duorarum*" and Ms. Carmen Hernández also from UNAM [Fernando Alvarez, co-author] for her poster entitled, "Intertidal crustacean diversity and abundance in Montepio, Veracruz, Mexico."

In an extremely generous gesture, the Instituto de Biología of UNAM presented to all award winners and honorable mentions six colored prints of Mexican plants and animals in danger of extinction by Elvia Esparza as well as the following books: *Utilización y Conservación de los Ecosistemas Terrestres de México* by A. Challenger, *Los Cangrejos Braquiuros del Pacífico Mexicano* by M. Hendrickx, *Anfibios y Reptiles de las Serranías del Distrito Federal, México* by Z. Uribe-Peña *et al.*, *Biodiversidad, Taxonomía y Biogeografía de Artrópodos de México* by J. Llorente *et al.*, and *Diversidad Biológica de México: Orígenes y Distribución* by T.P. Ramamoorthy *et al.*



From the Editor of Journal of Crustacean Biology

Cost of Publishing JCB

The year 2000 has been a banner year for the *Journal of Crustacean Biology* (JCB), which saw the publication of its second-only supernumerary special issue, Volume 20, Special number 2, honoring the founding President of The Crustacean Society, the late Raymond B. Manning. Including that issue, the journal this year has published 111 research articles, 3 reviews, and 5 biographies, authored by 281 people representing 33 countries. Truly, the journal and the society are serving the needs of carcinologists all over the world.

The cost of printing and distributing JCB is the single greatest cost to the society. In 1999, that cost represented 84% of the total income of the society. That percentage is expected to be even greater for fiscal year 2000 because of the publication of the supernumerary special issue. Apparently, the income from library subscriptions and from author charges to help defray the total production costs of the journal has not been critically reviewed recently. Throughout my first year as editor, I have tried to maintain information that could be used for such a review. The figures surprised me.

Author charges are critical to the financial well-being of a society-published journal such as JCB. Authors should be expected to help defray the cost of publishing their paper if they are able. The society has always had a policy, however, of voluntary author charges, i.e., if an author is unable to pay the page charges, that fact will not prevent a worthy paper from being published. This policy is intended to help students and others on limited budgets to succeed in publishing their research results. In 2000, only 32% of all papers have had authors able and willing to pay full page charges at the discount rate of \$60 per printed page, while the true cost to the society for printing and distributing the journal has averaged about \$90 per printed page. Another 31% of papers were by authors who were able and willing to pay only a

portion of the page charges; these authors usually opted to pay only half the amount at \$60 per page. Fully 37% of the papers were by authors unable or unwilling to pay anything. Additionally, our Treasurer, Alan Harvey, has informed me that some authors who promise to pay page charges never do. As a result of these rates of payment and percentages of authors who pay little or nothing, the society has lost money on every page of the journal that has been printed this year (and in most other recent years as well). The difference must be made up by other sources of income.

Another source of income that is related to the journal is library subscriptions. In 2000, the average annual price of a North American library subscription to a U.S. nonprofit-society-published quarterly journal was \$116.00; the average overseas library price was \$127.00 (source: Allen Press, Inc., 13th Annual Study of Journal Prices for Scientific and Medical Society Journals). By contrast, The Crustacean Society currently charges North American libraries \$105 per volume for an annual subscription and overseas libraries \$125. In other words, our library subscription prices are below average for society-published journals and do not provide the revenue they should to help defray the cost of publishing JCB. In 2001, the costs of publishing a North American journal are expected to increase by just over 10%, based on general inflation of 2.5%, paper-price increases of 2.0%, postage increases of 0.5%, page and issue increases of 2.8%, and cancellations of 2.2%.

Clearly, if the society does nothing about increasing its journal-related income, it will be forced once again to raise membership dues to meet these rising costs. Instead, I believe we must increase author charges, while keeping page charges voluntary, and we must collect all payments promised to us. We must also bring our library subscription prices up to the average for journals such as JCB, then increase the subscription prices annually in order to help us keep up with the rising costs.

The cost of producing the supernumerary special issue of JCB honoring Ray Manning was greater than anyone anticipated. That cost will represent an added burden to the overall finances of the society during 2000. In that issue, only 36% of papers had full page charges of \$60 per page paid by the authors; the authors of another 28% of papers paid only partial page-charges; and fully 36% paid no page charges. The true cost to the society for that issue was \$86.68 per page, the printing of color figures excluded because they were paid for by the authors. The generous donation by The Smithsonian Institution of \$10,500 to help defray the cost of publishing that issue was only 34% of the total cost of \$30,859.86 to print and distribute the issue (color figures excluded), and page charges did not make up the rest.

Because supernumerary issues strain the budget of the society so greatly and add so much to the work load of the editor, I discussed with the officers present at the annual summer meeting in Puerto Vallarta the possibility of eliminating them in the future. The consensus opinion was that special issues of JCB serve a purpose for the society and should not be eliminated, even if they are supernumerary issues. However, everyone realized the importance of the strain to the society's budget (and to the editor's peace of mind!) caused by special issues and agreed that restrictions should be placed on their production. I was charged with writing a policy to address this topic. Upon my return from Mexico, I wrote a bare-bones draft policy and sent it via e-mail to all officers and past-presidents of the society and all associate editors of JCB. The draft elicited a lively dialogue among the recipients, who agreed there should be a policy and offered many suggestions for improvement. I emended the text according to the suggestions and distributed a second draft of the policy. Even more suggestions for improvement were received. The final version of the policy, as approved by the Board of Officers of the society, is printed on

pages 6–8 of this newsletter. We believe it will serve the society well in the future.

Page Proof Charges

Beginning with volume 21, number 1, of *Journal of Crustacean Biology*, all alterations made to page proofs by authors will be billed to the principal author at the rate of \$5 per alteration. This bill must be paid, even when the author has indicated an inability to pay for page charges. Failure to pay may result in a lack of consideration of future manuscripts by that author.

Titles & Abstracts Online

Beginning with the February 2000 issue of *Journal of Crustacean Biology*, titles and abstracts of papers published in the journal will be posted on the Internet along with an author index. Back issues will not be posted. This is a service of our printer, Allen Press, Inc., through its subsidiary APT Online.

A link to the server has been established on the TCS web site, which is located at URL www.lam.mus.ca.us/~tcs. Click on the link “JCB at Allen Press.” (Alternatively, point your browser to www.allenpress.com, then click on the button “APT Online.”) Once connected, click on the graphic button “Current Issues.” Scroll to “Journal of Crustacean Biology.” View a list of titles by clicking “View This issue.” Choose a paper and click on “Abstract” to read the abstract and see the addresses of the authors. After several issues have been posted, the user may wish to view the “Archive” list instead of the “Current Issue” list.

The “Search” function searches titles and abstracts of all posted articles for text strings, making this a valuable feature of the site for finding papers of interest. The interface is simple to use.

We hope this service will give the *Journal of Crustacean Biology* added value to our readers and will stimulate increased readership and subscriptions to the journal.

If you are a carcinologist, join The Crustacean Society, subscribe to *Journal of Crustacean Biology*, urge your institutional library to subscribe, and donate to the JCB Endowment Fund so that we

may continue to serve your publishing needs.

Terminology

In my first article for *The Ecdysiast*, I mentioned my thoughts about the various spellings of the terms pereion and pereopods. I have received several thoughtful comments about that topic since then, and I have to agree that more modern spellings are also appropriate. Language changes, and it takes the lexicographers time to catch up. Therefore, even though these spellings are not in my unabridged dictionary, because of their common usage and unambiguity, the words pereion and pereopod are now acceptable for use in JCB as long as I am the editor. I am sorry if the previous policy of the journal caused anyone undue concern.

Respectfully submitted,
David K. Camp
Editor, JCB



Contributions to the Ecdysiast

The *Ecdysiast* is published twice a year and mailed with the May and November issues of the *Journal of Crustacean Biology* (published and mailed by Allen Press, Lawrence, KS). In addition, the newsletter is available for viewing or downloading from the TCS web site (<http://www.lam.mus.ca.us/~tcs/>).

Submissions for the spring (May) newsletter should be in by March 15, while those for the fall (November) newsletter should be in by September 15.

Anything of interest to the TCS membership is welcome, including notices of upcoming meetings and symposia, regional updates, research and job opportunities, important research findings, new publications, other related societies, and basically all things crustacean. Although contributions may be submitted in any form, electronic submissions via e-mail are preferred and strongly encouraged. This saves the editor an enormous amount of time and minimizes transcription errors in the process. Submit all materials directly to the editor via e-mail (tds@sdcity.sannet.gov) or at the address listed at the bottom of page 1 of this newsletter (Tim Stebbins, *Ecdysiast* Editor).



THE CRUSTACEAN SOCIETY POLICY CONCERNING THE PRODUCTION OF SPECIAL ISSUES OF JOURNAL OF CRUSTACEAN BIOLOGY AND OTHER SPECIAL PUBLICATIONS OF THE SOCIETY

PURPOSE

The purpose of this policy is to define procedures and guidelines for the approval and production of special issues of *Journal of Crustacean Biology* (JCB) and for the approval of other Special Publications of The Crustacean Society (TCS). The policy is needed to prevent the production of supernumerary issues of JCB or other TCS publications in such a manner as (1) to have a significantly negative impact on the financial status of The Crustacean Society and (2) to increase the normal work load of the JCB editor sufficient to impede the production of regular issues of the journal.

The production of regular issues of JCB by the TCS editorial office must take priority over the production of any special issue of JCB or any other Special Publication of The Crustacean Society. However, such special issues are not prohibited. They serve an important function for the society. If someone wants to organize and sponsor a special issue of JCB, or any other special publication of the society, the following requirements must be met.

DEFINITIONS

A regular issue of *Journal of Crustacean Biology* is one of the four numbered issues normally published in a volume each year.

A supernumerary issue of *Journal of Crustacean Biology* is an extra issue that appears in a volume year in addition to the four numbered regular issues. Volume 4 (Special number 1) and Volume 20 (Special number 2) are examples of supernumerary special issues of JCB.

A special issue of *Journal of Crustacean Biology* is an issue of the journal composed of solicited papers and is designed for a specific purpose that falls outside of the routine publication of unsolicited manuscripts in the journal. This may include, for example, papers contributed to a symposium, papers solicited for the publication of a thematic scientific contribution, papers solicited for an issue to honor a colleague, and others. A special issue of JCB may be published in one of the regular issues of the journal or as a supernumerary issue.

A Special Publication of The Crustacean Society is a collection of solicited papers that may be published either in a special issue of the *Journal of Crustacean Biology* or in another publication vehicle outside of JCB under the auspices and sponsorship of The Crustacean Society. If it is published outside of JCB, it is not to be considered a special issue of JCB.

POLICY

1. Any Special Publication of The Crustacean Society that requires financial expenditures by the society to produce but is not published as a special issue of the *Journal of Crustacean Biology* must be approved by a simple majority vote of the board of officers of The Crustacean Society (the TCS Board) but may not be required to adhere to the production requirements provided herein. Because the Special Publication of TCS is not a special issue of JCB, the editor of JCB does not have to be involved with that Special Publication but may be if so desired.

Justification: This provision allows for the publication of TCS symposium papers and other collections of manuscripts in publication vehicles other than the *Journal of Crustacean Biology*, such as Crustacean Issues or Crustaceana Monographs, for example, but specifies that the publication must be approved by the TCS Board if TCS funds must be expended for its production.

2. The proponent of a special issue of JCB must apply to and gain approval of a simple majority of the TCS Board for the production of that issue.

Justification: The TCS Board should decide if the special issue serves the society well.

3. The proponent of a supernumerary special issue of JCB must provide as much of the estimated cost to print and distribute that special issue as possible, preferably all of the cost, but the amount must be no less than two-thirds of that estimated cost. That cost can be roughly estimated in advance based on the projected length of the issue and the size of the press run (i.e., number of copies printed). If the number of manuscripts for the issue and their lengths are unknown, the size of the issue and its estimated cost must be fixed by the best reasonable estimate, and the size of the issue should not be allowed by the proponent to increase appreciably by the addition of more manuscripts or those of unreasonable length. The money must be available to the proponent at the time of application to the TCS Board for approval of the special issue and the proponent must demonstrate to the TCS Board that the money is available. The money must be donated to the society prior to the printing of the special issue; a delay in the donation will delay the printing.

Justification: The printing and distribution of JCB is the single greatest expense to TCS and uses a significant proportion of the total income of the society each year. The production of supernumerary issues of the journal are too costly for the society to fund regularly and must be subsidized by additional funds that should be secured by the proponent.

4. If additional funding is not available to the proponent of a special issue of JCB, and if the number of solicited papers in the collection (and their combined length) does not appreciably exceed the number that usually appears in a regular issue of JCB, the TCS Board may, at its discretion and by a simple majority vote, allow the special issue to be published in a regular issue of JCB. However, these approvals should be rare and should not exceed one every three to five years in order to prevent the buildup of a large backlog of worthy unsolicited manuscripts destined to be published in other regular issues. The regular number (issue) in which the collection for the special issue appears will be decided by the JCB editor based on the time at which all of the manuscripts in the collection are considered to be ready for printing.

Justification: From time to time, the TCS Board may decide that a limited number of solicited manuscripts should form a special issue of JCB whether there are additional funds to pay for the cost of a supernumerary issue or not. These occasions should be rare, however, in order to be fair to all other authors and not delay the publication of their manuscripts unduly.

5. Normal page charges and fees will be in effect for all papers that are published in special issues of JCB, with the exception noted below. Contributors to the special issue of JCB will be asked to pay full page charges. If an author is unable to pay full page charges, he or she will be asked to contribute as much money as possible to help defray the cost of printing the article. However, if an author is unable to pay, the article will not be rejected for that reason alone. If the proponent of the special issue of JCB has secured funding sufficient to fully pay the cost of the special issue, the TCS Board may decide to suspend page charges for that issue. Additionally, color figures increase the production cost greatly and must be paid for entirely by the author prior to publication. If an author is unable to pay for a color figure prior to publication, the figure will be printed in black and white.

Justification: This is standard journal policy concerning the costs of publishing articles in JCB. Because of the high cost to produce the journal, authors of articles in special issues of JCB should be asked to help defray the cost, just as for a regular issue. However, if additional funding provided to the proponent is sufficient to pay those costs, page charges may be waived.

6. Neither TCS nor JCB is responsible for the printing or sale of reprints of an article that appears in a special issue of JCB. If the author wishes to purchase reprints, they must be purchased directly from the printer.

Justification: This is standard journal and society policy concerning reprints (also called offprints) of individual articles.

7. Depending on the nature of the manuscripts in a supernumerary special issue of JCB and the perceived demand for that issue, the TCS Board may direct the JCB Treasurer to authorize an increase in the number of copies printed so the society can sell the extra copies and realize income or a wider distribution from those sales. The increased press run will increase the final cost of printing the special issue. Any increased cost above that for a normal press run should be borne by the society and not by the proponent of the supernumerary issue. An increased press run of a regular issue of JCB that may include a special issue would be paid for by the society.

Justification: The society may wish to sell some special issues of JCB in addition to distributing copies to members and subscribers. The increased production costs should be the responsibility of the society and not that of the proponent of a supernumerary issue who still must find money to produce the usual press run of the journal.



8. All manuscripts that are published in a special issue of JCB must be peer reviewed. Abstracts (only) or expanded abstracts for symposia that are not accompanied by a full-length article should not be considered for inclusion in a special issue of JCB.

Justification: TCS cannot allow the quality of the journal to be diminished by the inclusion of non-peer-reviewed articles and abstracts in special issues.

9. Someone other than the editor of JCB must act as the guest editor of a special issue of JCB, even when the special issue will be published in a regular issue of the journal. However, the editor of JCB has final authority over the production of the special issue. The guest editor must be qualified to do the task well and must be approved in advance by the TCS Board. The proposed guest editor must state in writing a willingness to do the job.

Justification: Not everyone is willing or able to do that work, and the TCS Board must be confident in the selection of a good guest editor who will follow through with the duties of the position.

10. The guest editor must be in charge of receiving contributions and carrying the manuscripts through the peer-review process to the end of the manuscript-revision stage of production. A manuscript should be submitted directly to the guest editor, who will request a manuscript number for it from the JCB editor, establish a file for it, and send it to the reviewers (at least two reviewers, preferably three as is done with all unsolicited manuscripts). The guest editor will receive and evaluate the reviews and will either reject the manuscript or return it to the author for revision according to the reviewers' comments. The guest editor will assure that the author has adequately addressed the review comments in the revised manuscript and will ensure that the revised manuscript is acceptable for publication in all respects.

Justification: The JCB editor is too busy producing the regular issues of the journal and handling unsolicited manuscripts to also oversee the peer-review process of additional manuscripts solicited for special issues.

11. The guest editor must see that the author submits a properly formatted final version of the manuscript that will not require extensive reformatting by the JCB editor and the typesetter. The guest editor must assure that the electronic copy of the word processing file conforms in every respect to the format requirements of the journal and the printer, which are posted on the TCS web site. The guest editor must inspect all figures and make sure the originals are acceptable for publication in all respects. The guest editor must also ensure that the format of each electronic art file is correct according to the journal's and the printer's requirements, and the electronic images are sized properly for the journal.

Justification: An improperly formatted manuscript adds to the work load of the JCB editor, who still must mark it up for the typesetter, prepare manuscript transmittal forms, label figures and calculate the percentage reduction of each after receiving the materials from the guest editor. Also, a correctly edited electronic file receives a greater discount from the printer, thereby helping to reduce the overall cost of producing the special issue.

12. The guest editor will maintain detailed records of dates of initial receipt of a manuscript, when it was sent to review and to whom it was sent, when it was returned to the author for revision, when it was rejected (if that happens), when the revised manuscript was received, and when the manuscript was accepted. All correspondence and review comments must be filed. The guest editor must keep the JCB editor informed regularly of the status of the special-edition manuscripts and forward all manuscripts, figures, correspondence, review comments, and electronic files to the JCB editor as soon as each article is acceptable for publication. The JCB editor will then collate the files with the central records of the journal, mark up the hard-copy manuscript, and label and size the figures for the printer. The JCB editor will carry the manuscripts through the rest of the publication process, including creation of a table of contents for the issue, submission of materials to the printer, proofreading page proofs, authorizing printing, and updating the volume-year lists of reviewers, table of contents, and subject indices.

Justification: The JCB editor is ultimately responsible for the special issue and must act as the liaison with the printer for the remainder of the production process. All paper work should become part of the centralized archive files of the journal.

2000 Pew Marine Conservation Fellow

Dr. José Orensanz

The Pew Fellows Program in marine conservation are preeminent awards for stewardship of the oceans. In year 2000 ten ambassadors from five continents have been awarded each \$150,000 by the Pew Fellows Program in partnership with the New England Aquarium in Boston, MA. The Crustacean Society is proud to announce that one of the fellows named this year is TCS member Dr. José Orensanz. Dr. Orensanz is a marine zoology and fisheries specialist in his native Argentina where he is a research scientist for CONICET: the Argentina council for Science and Technology. Growing up along the coast, Dr. Orensanz knows well the challenges of small scale local fishing communities as well as their mistrust of scientists. To facilitate improved interaction among fishermen, resource managers, and scientists that promotes essential co-management of artisanal fisheries in South America, he will conduct a series of multi-stakeholder workshops on small-scale fisheries in Argentina, Brazil and Chile. The sessions will foster dialog among stakeholders and explore alternative fisheries models using simple computer experiments. Each workshop will result in collaboratively developed management plans with accompanying guidelines, workshop proceedings, and computer simulations software packages. The project will culminate in a final symposium to evaluate results from changes in management practises. The Crustacean Society congratulates Dr. Orensanz with the award and wishes him the best of luck in this endeavour. – Jens Høeg, president TCS.



Crustacean Note Cards by Lilly King Manning

Lilly King Manning announces a special offer on some crustacean note cards that feature her original drawings. Five designs are available.

Blue Crab
Stone Crab
Spiney Lobster
American Lobster
Shrimp

The cards are available at the special price of 10 cards for \$7.50 (USD). Shipping is \$1.00 for 10 cards in the U.S.A., and \$3.00 for 10 cards international. The minimum order is 10 cards prepaid, although the cards may be ordered in any assortment.

When ordering, please specify how many cards of each design you wish to purchase. Checks made out to "Lilly Manning" are fine. Address orders to:

Lilly King Manning
2401 Jackson Parkway
Vienna, VA 22180 U.S.A.

Fiddler Crabs through Customs

In JCB 29 (2) an obituary recorded the sad news about the death of Dr. Jocelyn Crane and naturally included an appreciation of her lifelong study of the biology of the fiddler crabs of the world. This reminded me of a story which Jocelyn told me years ago (or did I get it second hand?).

On her way back from Puerto Rico she brought with her, for further study in New York, a bunch of fiddler crabs which were very much alive. Obviously, she was stopped by a brusque officer when passing through customs which particularly in New York may be a punctilious affair (I know from experience!). The man knew his regulations regarding introduction of living animals which are (or at least were) classified according to number of

legs: Two Legs and four legs (e.g., birds and mammals) – no way! Six legs and eight legs (insects, spiders, etc.) – definitely not! Many legs (millipedes, etc.) – equally impossible! Having jointly considered these five categories, Jocelyn sugarily asked the officer to count the number of crab legs. Since 10 was not included in any custom regulation list she picked up her crabs, sent the officer a charming smile, and passed without further hindrance through customs.

– contributed by Torben Wolff
Zoological Museum
University of Copenhagen
Denmark



CRUST-L

Welcome to the CRUST-L mailing list! The list is an informal forum for those interested in Crustacea, including their biology, ecology, systematics, taxonomy, physiology, cell biology, culture, etc. CRUST-L is an unmoderated, open list. Please keep discussions to subjects pertaining to marine/freshwater crustaceans or related taxa/subjects. The goal of the forum is to encourage communication between members.

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.

Please use the below address to post Crustacea items to the list:

CRUST-L@VIMS.EDU

Note that you have to be a member to post items to the list.

Please use LISTPROC@VIMS.EDU to post administrative commands.

This file can be obtained by sending the command INFOCRUST-L WELCOME to LISTPROC@VIMS.EDU. Additional commands are SUBSCRIBE, UNSUBSCRIBE, HELP, LIST, INDEX, etc. **These commands should be sent to LISTPROC@VIMS.EDU not to the CRUST-L.**

For more information send HELP to LISTPROC@VIMS.EDU. You may want to save this document. Please note that service for the list has changed from a Majordomo format to a Listproc format. New features include searchable archives, a better digesting feature, and more. A FAQ is available at http://www.vims.edu/~jeff/crust-l_faq.htm.

There is another list devoted to Crustacea of Latin America. You can subscribe to it by sending a subscription request to CRUSTACEA@OLA.ICMYL.UNAM.MX or else request information directly to gramirez@ola.icmyl.unam.mx.

There is also a list devoted to

francophonie Carcinologists. * Envoyer a l'adresse electronique suivante : listserv@mnhn.fr le texte suivant sans sujet ni signature: SUBscribe fclfvotrenom (exemple : SUBscribe fclf Leon Erriep Univ-Paris6)

CRUST-L is supported by the Virginia Institute of Marine Science (VIMS), Gloucester Point, Virginia. The list is administered by Dr. Jeffrey Shields, (jeff@vims.edu), PO Box 1346, Department of Environmental Sciences, VIMS, Gloucester Point, VA, 23062, USA, (804) 684-7128, fax: (804) 684-7186. Please report any problems or comments to jeff@vims.edu.

Film Review

Suspended Animation: Primeval Shrimps and the Art of Survival

Produced by Günther Bludszuweit and Ilona Riehl (ORCA Naturfilmproduktion, 1999); 44 minutes duration, VHS; Audience level: grades 7-12, college, and adult (ISBN: 1-56029-812-X)

This award-winning nature film is surely a masterpiece in its category. One seldom sees such superb nature cinema presented with clear and concise narration targeted toward a broad lay audience. Don't be fooled though, because there is plenty here for the most ardent carcinologist.

The producers have made excellent use of cinematographic techniques involving crystal clear underwater photography, eye-opening macrophotography, and effective time-lapse imaging, to portray the precarious life of these primeval fairy and tadpole shrimps. Viewers familiar with the small size and translucent qualities of many branchiopods will truly appreciate the skill of these filmmakers in capturing their swimming, feeding, and mating activities; often at the bottom of muddy ponds and ditches. This film clearly describes branchiopod biology, with additional information on their incredible ability to undergo diapause when the environmental conditions become

too adverse. The biology and chemistry of this diapause capability is explained, along with the applicability of the science to such disparate fields as human medicine and aquaculture.

This film is a magnificent production and a powerful teaching tool for students of biology or carcinology. The only criticisms I can honestly make are two small points of detail in the narration in which it is implied that all hermit crabs are anemone carriers, and the misnomer of calling a marine spiny crayfish or lobster, a crawfish (a term usually restricted to the freshwater crayfish of continental United States).

Bludszuweit and Riehl deserve to be congratulated on an excellent, and truly professional, production, and I ask of them.....which group next?

The film is available from: Bullfrog Films, Inc., Oley, PA 19547, USA (+1 610 779-8226).

Dr Christopher Tudge
Biology Professor
and
Smithsonian Research Associate

Ostracod Book

Meisch, C. (2000). Freshwater Ostracoda of Western and Central Europe. In J. Schwoerbel and P. Zwick, eds: Suesswasserfauna von Mitteleuropa 8/3. 522 pages. Spektrum Akademischer Verlag, Heidelberg, Berlin. ISBN 3-8274-1001-0. 298 DM.

The above book has been recently published. It is entirely in English. The synopsis covers the freshwater ostracods of the British Isles, the northern half of France, the Benelux countries, Germany, Switzerland, Austria, Hungary, the Czech Republic, and Slovakia. 157 species are fully described and illustrated. Treatment includes a summary of the ecology, life history and distribution (within and outside the faunal area) of each species. Keys for identification down to the species level are also given.

Upcoming Crustacean Meetings

TCS Meeting Schedule

For links and updates to the TCS and other meetings, check out the society's web site at: www.lam.mus.ca.us/~tcs/

Winter 2001 TCS Meeting
(with SICB)
3-7 January 2001
Chicago, Illinois, USA

Summer 2001 TCS Meeting
(with ICC5)
9-13 July 2001
Melbourne, Australia

Winter 2002 TCS Meeting
(with SICB)
6-10 January 2002
Anaheim, California, USA

Summer 2002 TCS Meeting
(with 4th European
Crustacean Conference)
22-27 July 2002
Lodz, Poland



Congresses & Symposia

**Fifth International
Crustacean Congress
(ICC5)**

9-13 July 2001
Melbourne Victoria Australia

For additional details, see the ICC5 website (www.unihouse.org.au/ICC5/index.htm) and the registration packet included with this newsletter.

**Fourth International Large
Branchiopod Symposium
(ILBS-4)**

23-27 January 2001
La Paz, Baja California Sur, México

For additional information see the May 2000 *Ecdysiast* (Vol. 19, No. 1).

**5th International Symposium on the
Biology of Terrestrial Isopods**
19-23 May 2001
Irakleio, Crete, Greece

Additional information is available via the International Web Site on Terrestrial Isopods Biology (<http://t-isopods.univ-poitiers.fr/>) and in the May 2000 *Ecdysiast* (Vol. 19, No. 1).

**International Commemorative
Symposium 70th Anniversary of the
Japanese Society of Fisheries Science**
1-5 October 2001
Yokohama, Japan

For additional information see the May 2000 *Ecdysiast* (Vol. 19, No. 1).

**14th International Symposium
on Ostracoda**
1-4 August 2001
Shizuoka University, Japan

For additional information see the May 2000 *Ecdysiast* (Vol. 19, No. 1).

E-Mail Directory

The TCS E-mail Directory was first published in the May 1996 issue of the *Ecdysiast* (Vol. 15, No. 1), although it included only those members that had responded to previous queries. Since then, changes and additions have been printed in subsequent issues of the newsletter. If your address or contact numbers have changed or you have not been included previously in the directory, please send the appropriate information to Tim Stebbins, *Ecdysiast* Editor.

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*Support Your Society
and
Remember to Vote
in the
Fall 2000 TCS Elections
(see page 12)*



The Crustacean Society Fall Elections, 2000

It's time for the TCS 2000 Fall Elections. Five offices are up for grabs this year, including that of Secretary, Treasurer, North-American Governor, European Governor and Indo-Pacific Governor. Each office is for a 2-year term beginning in 2001. As usual, we have a strong slate of candidates. Please see below for brief biographies of each of the candidates.

You may vote by e-mail or by the ballot attached at the end of this newsletter. E-mail is the preferred method as it expedites the process. Please take the time to vote for your favorite candidate, and therefore participate in the future of our society. The deadline to return completed ballots is **December 15, 2000**.

To vote by e-mail, please put "**TCS 2000 Ballot**" in the Subject field and limit the message field to "office: candidate" as indicated below:

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

E-mail messages that contain other informational or commentary stuff will be subject to rejection. Send your selections to Dr. Gary Poore, TCS President-Elect, at gpoore@museum.vic.gov.au.

To vote by regular mail, please mark your ballots and return them to: TCS Fall 2000 Elections, Care of: Dr. Gary Poore, Museum Victoria, GPO Box 666E, Melbourne, Vic. 3001 Australia.

SECRETARY

Jeffrey Shields

Associate Research Professor, Virginia Institute of Marine Science, Gloucester Point, VA 23062, USA

Education: B.A., Aquatic Biology, Univ. Calif., Santa Barbara, 1980; M.S., Parasitology, Univ. California, Berkeley, 1983; Ph.D., Aquatic & Population Biology, Univ. California, Santa Barbara, 1987. Professional Employment: Postdoc. Associate, Univ. California, Santa Barbara, 1988; Research Fellow & Associate, Depart. Parasitology, Univ. Queensland, Australia, 1989-93; Visit. Instruct., Purdue Univ., 1991; Research Coordinator, Chesapeake Bay NERRVA, Virginia Institute of Marine Science (VIMS), 1992-97; Assistant Research Professor, VIMS, 1994-2000; Associate Research Professor, 2000-, VIMS. Publications: 30/49. List Admin. for CRUST-L, the mailing list for Crustacea, and MARINE_PATHOL. Member: American Association for the Advancement of Science, The Crustacean Society, National Shellfisheries Association, The American Microscopical Society. Offices: Secretary, The Crustacean Society, 1999-. Research Interests: Epizootiology and pathology of diseases in marine invertebrates, taxonomy of parasitic organisms, host-parasite relationships, *Pfiesteria*.

TREASURER

Alan W. Harvey

Assistant Professor of Biology, Georgia Southern University, GA, USA

Alan Harvey has a B.Sc. in Biological Sciences from Stanford University and a Ph.D. in Ecology and Evolutionary Biology from the University of Arizona (1988). His research interests primarily involve decapod crustaceans, and include the evolution of larval settlement and metamorphic strategies; phylogenetic systematics and biogeography; genetic and environmental controls of development; and biological invasions of insular and continental ecosystems. He is the current treasurer of TCS.

Sandra L. Gilchrist

Professor of Biology, New College of the University of South Florida, FL, USA

Sandra Gilchrist has a BS from Florida State University in Biology, an MS from Old Dominion University in Biological Oceanography, and a PhD from Florida State University in Biology (1982). Professional employment has been as a postdoctoral fellow at the Smithsonian Tropical Research Institute in Panama (1982-83) and at USF since 1983. Her research interests include crustacean population dynamics, terrestrialization of crustaceans, and crustacean-plant associations. She has served in the past as chair for the Crustacean Society Awards Committee.

NORTH-AMERICAN GOVERNOR**Emmett Duffy**

School of Marine Science, College of William and Mary, Virginia, USA

Dr. Emmett Duffy is Associate Professor at the College of William and Mary. He received his Ph.D. in 1989 from the University of North Carolina at Chapel Hill, working on evolutionary ecology of grazing amphipods. He developed a second major interest, the ecology and systematics of sponge-dwelling alpheid shrimps, through a Smithsonian Postdoctoral Fellowship at the NMNH (1990), and a National Science Foundation Postdoctoral Fellowship at UC Davis (1992-94). His research interests range broadly across ecology and evolutionary biology, focusing on crustaceans, and incorporate experimental ecology, molecular genetics, and good-old-fashioned alpha taxonomy. Current research focuses on the role of grazing peracarids in coastal ecosystems, and the evolutionary radiation of sponge-dwelling *Synalpheus*, particularly the ecology and evolution of social organization. In addition to describing the first known case of marine eusociality, he has published a phylogenetic analysis of *Synalpheus*, described three new species of the genus, and with doctoral student Rub n R os, is revising the Caribbean species. Emmett has published 29 papers, and received several NSF grants. He currently serves on the editorial board for Ecology and Ecological Monographs, reviews MSs for numerous journals, and has served on review panels for NSF programs in Biological Oceanography and Systematic Biology.

Trisha Spears

Department of Biological Science, Florida State University, Tallahassee, Florida, USA

Trisha Spears received her Master's and Ph.D. degrees in crustacean molecular phylogenetics and systematics from Florida State University, where she currently holds a research faculty position. She is an awardee of the FSU Department of Biological Science Margaret Y. Menzel Award in Recognition of Outstanding Progress in Research. To date, research topics have focused on using 18S ribosomal RNA sequence data to infer higher-level relationships within and among the major crustacean lineages, including brachyurans, cirripedes, branchiopods, and peracarids. Current projects include (1) an NSF-funded molecular- and morphological-based phylogeographic study (in collaboration with N. Cumberlidge and L.G. Abele) of freshwater crabs and their marine ancestors, (2) phylogenetic studies of the Remipedia (in collaboration with J. Yager), and (3) an investigation into the molecular evolution of expansion segments in peracarid 18S rRNA genes. She has also begun the first assessment of branchiopod diversity in temporary ponds in the Apalachicola National Forest (Florida) and surrounding areas. She is a member of the Society of Systematic Biologists, Society for Molecular Biology and Evolution, and has been a member of The Crustacean Society since 1987 (having served on the Awards Committee and "volunteered" several times as a judge for the Best Student Paper competition). She has presented at annual Crustacean Society meetings since 1988 and has been a TCS Best Student Paper awardee. She has twice been an invited instructor at Darling Marine Center Summer Workshops and an invited speaker at symposia on arthropod relationships and applications of molecular techniques in crustacean biology.

EUROPEAN GOVERNOR**Paul Clark**

Department of Zoology, The Natural History Museum, London, UK

Paul F. Clark, 26 years service with the Department of Zoology, The Natural History Museum, London. Curatorial responsibilities for Cnidaria, free living Nematoda, Annelida, Crustacea, Echinodermata and Protochordata. Present European



Regional Governor of TCS and currently editing (jointly) the Arthur Humes JCB special volume. Academic qualifications, 1973 BSc (General) Physiology & Zoology, 1980 MSc Modern Taxonomy. Study in progress, PhD London University, part-time, project title - Xanthid crab (Crustacea: Brachyura) classification and phylogeny: an appraisal using the chaetotaxy of first stage zoea. Current research interests include, alpha taxonomy of brachyuran larvae, their development and use of chaetotaxy in systematics. Editing the proceedings of the 2nd Crustacean Larval Conference held in Lisbon, September 1999, 46 peer reviewed papers published, 6 papers in press, 3 edited volumes with 2 in progress, 1 book (jointly), 10 scientific reports (all jointly), 17 other publications.

Angelika Brandt

Zoological Institute and Museum, D-20146 Hamburg, Germany

Angelika Brandt was born in Minden/Westfalen. After school she started to study education, biology and English at the University of Oldenburg, where she also passed a research diver's examination in 1986. Her first state examination on the ultrastructure of an isopod's sensory organ was awarded as well as her dissertation thesis on the origin of Antarctic Isopoda (Crustacea, Malacostraca). In 1992, Angelika Brandt went as a post-doc to the Institute for Polar Ecology in Kiel, Germany, and studied community patterns and particle flux in a special research project "Environmental changes, the northern North Atlantic". She continued to work on peracarid crustaceans, but her focus shifted from systematic, phylogenetic and zoogeographic analyses more towards ecological approaches. Angelika joined about 10 expeditions to the Arctic and Antarctic including an Antarctic diving expedition in 1989/90 on King George Island (South Shetland Islands). In December 1995 Angelika became a professor for Special Zoology at the university of Hamburg and also the curator for the crustacean and polychaete collection of the Zoological Institute and Zoological Museum. 1998 she organized an international student excursion to Greenland together with Prof. Reinhardt Kristensen from Denmark. Angelika Brandt's scientific interests are the systematics, evolution, ecology, and biogeography of peracarid crustaceans.

INDO-PACIFIC GOVERNOR

Colin McLay

Department of Zoology, University of Canterbury, Christchurch, New Zealand

Colin McLay's interests in crustaceans began with work on the ecology of temporary pool ostracods in Canada, then masking behaviour of New Zealand spider crabs and population ecology of several shallow water species. Ecology and camouflage behaviour of Australian sponge crabs lead to work on the systematics of two podotreme families, the Dromiidae and Dynomenidae. More recently work has focussed on mating strategies of New Zealand crabs, and a contribution to the revision of the Parthenopidae. Colin owns a complete set of JCB's which are not for sale! He is keen to support the aims of The Crustacea Society and to encourage crustacean research. Apart from various periods of leave in places like Brisbane, Paris and Singapore, Colin has spent the whole of his career at the University of Canterbury, Christchurch, New Zealand.

Shane Ah Yong

Department of Biological Sciences, University of New South Wales, Sydney, Australia

Shane Ah Yong graduated with a PhD in Biological Sciences from the University of New South Wales in 2000 with Buz Wilson as his major adviser. Prior to commencing doctoral studies, he worked at the Australian Museum variously in ecological survey and collection management, and at the University of Sydney as the Macleay Miklouho-McLay Research Fellow studying Decapoda. After completing his doctoral studies in 1999, he undertook a Research Fellowship from the Raffles Museum, National University of Singapore, and a Collection Fellowship at the Australian Museum, both focusing on stomatopod systematics. Currently, he is a Research Associate and Postdoctoral Research Fellow at the Australian Museum, Sydney, Australia. Primary research interests include phylogenetic methods, especially as they pertain to the systematics and biogeography of stomatopod and decapod crustaceans, and most recently reptantian decapod phylogeny. Other research interests include trilobite and marsupial phylogeny.

Editor's Note

The ICC5 registration packet referred to earlier is not included here in this pdf version of the *Ecdysiast*. These materials were originally available only in the hard copy version of the newsletter, which was mailed to TCS members along with the November 2000 issue of the *Journal of Crustacean Biology*. However, the complete registration materials will be available from the ICC5 website later in November 2000. [Tim Stebbins, editor]

ICC5 Website
www.unihouse.org.au/ICC5/index.htm

