



The Ecdysiast

Newsletter of The Crustacean Society

Message from the President...

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Dear TCS members,

“Konnichiwa”, greetings from Kobe, Japan!

This is my last message to you as the 2010-2011 President of The Crustacean Society. I have the pleasure and responsibility of the President's position for these two years. I enjoyed the time and thank everyone who supported me during this period. I would especially like to thank the Board members for their intensive support, encouragement, and assistance.

This has been a year of very significant developments for The Crustacean Society, and I wish to report them to all TCS members. Some of the changes were already announced at the TCS meetings, through Crust-L and Crust-Soc, or on the official TCS web-site.

1. TCS is moving from Allen Press, Inc. (U.S.A.), to Brill (The Netherlands) for our printing services. The Board of TCS, especially the Finance Committee, had spent many hours discussing this issue, and I particularly thank Frederick Schram and Mary Belk for their extremely hard work. TCS is not selling JCB to Brill, which has been a concern of many members, but is hiring Brill to do the printing of JCB. The first contract for Brill services is five years. TCS at Brill is <http://brill.nl/jcb> or <http://www.brill.nl/journal-crustacean-biology/>.

2. In being associated with the above changes, a new TCS web-site has opened http://www.thecrustaceansociety.org/Home_Page.html. Please visit the site and view all our new services. If you wish to contribute pictures or information to the website contact Mary Belk at tcs1921@hotmail.com.



Akira Asakura (photo by Ole Møller. Thanks!)
President, TCS

The Crustacean Society



Home Page
Business Office
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Crustacean Bio
Ecdysiast Newsletter
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Our Mission

The mission of the Crustacean Society is to advance the study of all aspects of the biology of the Crustacea by promoting the exchange and dissemination of information throughout the world. Please consider membership in the society.

The Crustacean Society Journal

The Crustacean Society publishes The Journal of Crustacean Biology. For the last 30 years we have published four issues per year. In 2012 we will be publishing six issues per year. Please visit us again and view all the new activity. TCS also supports students with awards for best paper and best poster at a meeting. TCS awards six graduate student scholarships each year.



The Crustacean Society Meetings

The Crustacean Society would like to invite members and non-members alike to our meetings. We meet twice a year. In January we meet with The Society of Integrative and Comparative Biology and mid-year we have a meeting sometimes coordinated with other crustacean groups. Meetings are the place to network, bounce ideas around, and learn new things from other researchers. Do not miss these opportunities!

The Crustacean Society
7180 S. Foster Rd.
San Antonio, TX 78222

3. For the last 30 years, we have published *Journal of Crustacean Biology* four issues per year, but, starting January 2012, we will be publishing six issues per year. Now the articles are published on line (on the following web-site) for rapid publication. The new SILO site of *Journal of Crustacean Biology* has opened <http://www.editorialmanager.com/jcb/>. Please visit and submit your papers!



The *Journal of Crustacean Biology* is a peer-reviewed, quarterly scientific journal containing papers of broad interest on crustacean biology and other marine arthropods, biographies of renowned carcinologists, book reviews of works on Crustacea, and pertinent announcements. Papers are published in English only, but abstracts or summaries in French, German, Portuguese, or Spanish may be added when appropriate.

All first time users: Please click on the "Register Now" button in the login section above and enter the requested information. When you register, you must select e-mail as your preferred method of contact. Upon successful registration, you will receive an e-mail message containing your username and password. Should you have any difficulties registering, please contact the editorial office.

All repeat users: If you have already received an e-mail message from us with an assigned username and password, you do not need to register again. Simply enter your access codes into the login frame above and proceed. You do not need to re-register, even if your role changes (e.g., from author to reviewer).

Authors: Please enter your username and password into the designated fields above and log into the system as an "Author." Submit your manuscript and/or track its progress through the system. For detailed guidelines of the manuscript submission process, please download the [Author's Manual](#).

Reviewers: Please enter your access codes into the login frame above and log into the system as a "Reviewer." You may view and/or download manuscripts assigned to you for review and submit your comments for the editor. For further information please download the [Reviewer's Manual](#).

To change your contact information, username or password: Log into the system, select "Update My Information" from the menu above and follow the directions.

Did you forget your password? To have your username and password mailed to your registered e-mail address, please click on the "Send Username/Password" link in the login section and enter the requested information (first name, last name and email address) exactly as you entered it when you registered. If everything matches, the e-mail will be sent.

4. The Board has established a position of Executive Director and appointed Mary Belk (2003 - 2011 Treasurer) as the first ED and appointed Brian Tsukimura as a new Treasurer. I thank Mary from the bottom of my heart for her great contribution as Treasurer to date to TCS, and again thank her for starting her new

efforts as ED. The role of the ED is to design, develop and implement strategic plans for the organization in a cost-effective and time-efficient manner. Namely, she or he coordinates with the publisher, Editor, and President of TCS to help smoothly run TCS and increase the efficiency of the organization, for example, elimination of wasted efforts on the part of the publisher, following up on delinquent authors, assistance for members with any problems they may have, and attempting to persuade authors to join TCS. The ED is accountable to the President of the Board and reports to the board on a regular basis. The Board may offer suggestions and ideas about how to improve the organization. The ED will be collecting all membership dues through the website or mail and handling tax preparations for the CPA and Treasurer. ED will coordinate with the Treasurer regularly for financial management.

5. Our summer meeting in Honolulu, Hawaii, was a great success, being attended by over 100 people from all over the world. I thank Les Watling, symposium organizers, and all attendees for their contribution to this fruitful meeting! This meeting was the first time for TCS to be held with the business assistance by Burk & Associates, Inc. So, this was to be an experiment for us, and now the Board is discussing benefit and cost of this management system. The results of discussion will be reported to all of you and will reflect management of our future meetings.

Our future meetings include the winter meeting on 3-7 January 2012 (SICB), Charleston, South Carolina, USA; the mid-year meeting on 3-7 June 2012, Royal Olympic Hotel, Athens, Greece (Co-sponsors: Hellenic Zoological Society, 10th Colloquium Crustacea Decapoda Mediterranea, and the Greek National Center for Marine Research); the winter meeting on 3-7 January 2013 (SICB), San Francisco, California; the 8th International Crustacean Congress (ICC-8) in summer 2014, Senckenberg Museum, Frankfurt, Germany. I hope to see many of you at these meetings.



(All photos by Ole Møller. Thanks!)

In the closing ceremony of the Hawaii Meeting, it was a big surprise for me that our next president Dr. Christopher Tudge, representing the TCS Board, gave me a nice gift, a very beautiful hermit crab made by glass! It is the richest gift that I have ever had, and I will always remember how kind and helpful all members of TCS Board were whenever I look at this gift. At the Banquet of the meeting, I passed the TCS official presidential tie to Chris. I received this Presidential tie from our previous president, Dr. Rafael Lemaitre, at TCS Tokyo Japan Meeting, 2009, which was organized by myself. It has been an interesting two years, but I have not been able to serve the presidential position without help and advice offered by the Board and membership. I thank once again all of you and hope to see you again in the near future.



Sincerely,

Akira Asakura, TCS President

The Denton Belk Fund

The Crustacean Society would like to remind our readers that it is soliciting contributions to an endowed fund to honor the memory of Denton Belk, a founding member and past treasurer of TCS. The endowment will be used to fund scholarships for students performing large branchiopod research, a field in which Denton excelled and made significant contributions. Students will be able to use funds to support research costs and/or travel (either to scientific meetings or for research purposes).

Denton was exceptionally generous in his lifetime to students in need who expressed an interest and passion for large branchiopods. We feel it is a fitting tribute to our colleague and friend to continue this tradition in his passing. We encourage and appreciate your contribution!

Please note that you do not need to become a member of TCS to make a donation!

Personal checks (in U.S. Dollars) may be made out to "TCS – The Denton Belk Fund". Alternatively, contributions using Visa or Master Card can be made by printing out a copy of the membership application from the Society's website (<http://www.thecrustaceansociety.org>), indicating the amount (in U.S. Dollars) that you are willing to contribute on the appropriate line, and mailing the form to the Business Office at the address below.

Please send contributions to:
Business Office, The Crustacean Society
P.O. Box 1897, Lawrence, Kansas 66044-8897
U.S.A.

For additional inquiries, please contact Mary Belk (TCS Executive Director) by email: (marybelk@att.net)



The Crustacean Society Board Members, 2011

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The Ecdysiast is published twice yearly in May and November and it is available in electronic form at http://www.thecrustaceansociety.org/Ecdysiast_Newsletter.html. All the past issues are also available from the same web site. 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, meeting summaries (with photos!), new publications and any other crustacean news.

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The Crustacean Society Board Members, 2011

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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.thecrustaceansociety.org>).

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
7180 S. Foster Rd.
San Antonio, TX 78222

Dear TCS Member,

TCS Announcement And Membership Renewal

The Crustacean Society is entering a new era of activity and publication. TCS is moving from Allen Press to Brill for our printing services. The format and style of JCB will remain the same. The Board of TCS and especially the finance committee has spent many hours discussing our problems with Allen Press and our costs with both Allen Press and Allen Marketing and Management. TCS has been offered an \$8000 signing bonus to transfer to Brill along with a much easier system for calculating costs. We are not selling JCB to Brill which has been a concern of many members. TCS is hiring Brill to do the printing of JCB. The first contract is for five years and near the end of that period the Board will evaluate the situation before further commitment.

For a number of years TCS has used the services of Allen Marketing and Management to manage the business office. In 2011 the board decided to appoint Mary Belk as Executive Director and Brian Tsukimura as Treasurer to fill the last of Mary's term as treasurer. Mary will take over the operations of the business office and maintain the new website. Brian will oversee the financial wellbeing of the society. This will mean members may renew their membership through the payment site at thecrustaceansociety.com or they may send a check or money order in US dollars to The Crustacean Society at 7180 S. Foster Rd., San Antonio, TX 78222. Another method of paying dues is through PayPal at the email: tcsmoney@hotmail.com. If members cannot use any of these methods please contact Mary at marybelk@att.net and something will be figured out to accommodate your needs.

Page Charges will continue at the same rate of \$100 per page. We encourage members to pay part or all of their page charges and require non-members to pay these page charges. With our improved technology TCS will be offering online only memberships to all members and those wanting print will have an extra charge for printing and mailing those copies.

Please choose which of the new membership categories best suits your needs:

Student online member	----	\$35
Member online	----	\$95
Member online and print	----	\$125
Patron member online and print	----	\$150

TCS is already preparing to move to Brill's online submission platform. Papers already accepted to JCB Vol. 32 will be uploaded by our editor with Brill staff assisting. We expect a relatively smooth transition and look forward to a rewarding partnership with Brill. Brill will be promoting JCB at all the meetings Brill personnel attend, will promote JCB in Brill's consortiums and will promote JCB in Brill's publication of offerings. By mid-September, submission to JCB will occur on a new platform developed by Brill, whereupon the AllenTrack site will close down.

The Board asks all members to promote TCS in your area and among you students and colleagues. If each member signs up one new member per year TCS can expect to do well over the next 30 years.

Mary Schug Belk
Executive Director
7180 S. Foster Rd.
San Antonio, TX 78222

Akira Asakura
President
Department of Biology
Graduate School of Science, Kobe University
Rokkodai 1-1, Nada-ku, Kobe, 657-8501 Japan



Big Change for *Journal of Crustacean Biology*

We are currently producing our last issue of *JCB* with our printer of long standing, Allen Press of Lawrence, Kansas. This has not been an easy decision to make. Not only have we been with Allen Press since the journal and society were found back in 1980, but also as far as production assistance was concerned Allen Press service was exemplary. It was a combination of a large number of other factors that made continuation with Allen Press difficult to maintain.

After long but unsuccessful negotiations to iron out our problems, and a concerted search for an alternate printer, we have signed an agreement with Koninklijke Brill in Leiden, Netherlands. Phasing out one operating system while tooling up a new editorial system has not been easy – sort of like speaking two languages simultaneously. However, all such system have certain basic structures and functions, so it has been largely a matter of getting used to new buttons to push in different sequences from the old. It appears thus far that in some ways, *Editorial Manager* is a faster and more easily accessible system than *AllenTrack*. We hope our authors will find it so. Time will tell.

The new submission site is:

www.editorialmanager.com/jcb

There will be some slight adjustments in page layout, and the size of the actual issue will be slightly different – these related to standardizing to international AB style. We will continue our BioOne connection for one more year per long-standing contract agreement, but we will have a parallel and thereafter continuing silo site on the Brill platform for on-line availability of accepted and published articles.

The official conversion date will be 2 January 2012. With that inauguration will come some more substantial changes. First, while membership fees will remain the same, everyone now will be automatically signed up for on-line access. For those who still want to receive hard copy (people such as your General Editor) the membership price will rise. This is simply bowing to what has already become widespread practice in academic journal publication. We will continue to produce hardcopy, and we will happily send out our printed and bound issues to all who want them and choose to pay the higher cost; but the savings involved in featuring digital versions of *JCB* will make the difference between TCS surviving or going under. Remember, without TCS, there is no *JCB*. We need TCS members!

Second, we are shifting from four issues a year to six issues. This was done at the urging of Brill, but it was already something we had been contemplating under Allen Press. We hope that with bi-monthly issues, we can publish papers sooner after their acceptance than was the case with a quarterly print schedule. This will mean some extra work for the General Editor, and we ask your patience and indulgence as we work out new schedules and processing patterns.

Third, by signing with Brill, we gain the advantage of dealing with a company with an international profile. Our journal now will be featured and marketed on an international front, and we believe this will assist in not only increasing the profile of the

JCB, but also in attracting more members to TCS and more library subscriptions to both digital and printed versions. Brill also has a veritable stable of publications in the field of crustacean studies: *Crustaceana*, *Crustaceana Monographs*, and *Treatise on Zoology – The Crustacea*. We think there is synergy to be gained by joining *Journal of Crustacean Biology* to this catalogue.

The *JCB* editorial team will remain in place. We trust our Impact Factor will continue to rise. The editorial board hopes our members will keep on finding value in our journal and derive benefit for their publishing in *JCB* from increased international access and profile.

General Editor

Frederick R. Schram
Langley, WA, USA

JCB language service

Before you submit a manuscript to *JCB*, and if you are not fully fluent or a native speaker of English, we recommend the following. American Journal Experts (AJE) provides professional language editing services to authors around the globe who wish to publish in scientific, technical, medical, and humanities journals. We urge authors who are not well versed in the English language to use this service to improve a paper's English and, therefore, its overall quality. Seeking this assistance is suggested before an article is submitted to *JCB* for peer review and certainly before it is finally accepted for publication.

AJE has over 500 editors from Harvard, Stanford, MIT, Berkeley, and Duke; these editors are native English speakers and subject-matter experts in a wide variety of fields. They will check your manuscripts not only for terminology and language specific to your field but also for proper English usage, grammar, punctuation, spelling, verb tense, and phrasing. In addition, AJE's professional editors will make sure the text reads naturally and the sentences are well constructed. The cost for this service is very reasonable. Visit AJE's website for more information, or to submit a document for their scientific proofreading service use this link: www.JournalExperts.com?rcode=JCB1.

When you are secure about your text, manuscripts then can be submitted on line through the new link: www.editorialmanager.com/jcb.

Treasurer's Report for The Crustacean Society for the year 2011 Mid Year Report

TCS is in a recovery year as far as the stock market is concerned. We changed our Lawrence Kansas bank from Douglas County Bank to US Bank last year. US Bank gives us better merchant account costs and Allen Press changed most of their clients over this year. We have been able to pay all our bills so far. I moved one three month CD in Wells Fargo to checking in Wells Fargo in order to make sure we meet all needs for the midyear meeting and next issue of JCB. Our membership has bottomed and started a slow upward climb. By adding the Executive Director TCS is focusing on adding membership and advancing the Society. BioOne income at \$45,228.00 exceeded our membership fees. JSTOR income was \$4,942.91. All of the indications are the economy is getting better not worse however housing is going to take a second dip in parts of the country. The investment accounts have been put under Schwab management. Schwab is looking for a modestly up year. We are sitting in a nice position to enjoy the upward movement of the market. Our overall portfolio is balanced but our Schwab funds are aggressive. As I have said in the past our outlook must be 50 to 100 years out not 2 or 3 years out.

Financial Standing Oct. 31, 2010 for The Crustacean Society

	2011	2010
Charles Schwab Accounts Total	382,003.18	358,732.07
US Bank	24,103.31	31,582.99
Wells Fargo Checking	43,548.46	14,673.34
Wells Fargo 2 CD (1 CD in 2011)	31,360.42	59,908.15
Douglas County BK CD's	72,215.38	70,741.29
Douglas County BK Checking	0	666.50
Editor's office prepaid expenses	4,000.00	1,000.00
Treasurer's office prepaid expenses		0.00
Total TCS Funds	\$557,230.75	\$537,304.34

JCB Expenses	2011	2010
Editor's Stipend	10,000.00	15,000.00
BioOne Access	0.00	0.00
Allen Track	975.75	3,259.61
PDF files purchased	0	1,044.63
Printing, Distribution	34,753.60	75,213.75
Shipping Charges	2,680.00	
Silo Site	4,566.93	
Total	\$52,980.28	\$94,517.99

Expenses paid	2011	2010
Other officer Expenses	3,535.09	3,563.81
Society Operations (Ex.Dir.)	25,366.73	15,076.39
JCB	52,980.28	94,517.99
Editor's Office	4,000.00	4,011.65
Treasurer's Office	6,893.65	11,805.83
Newsletter	0.00	0.00
SICB Contribution	250.00	6,063.98
Awards	6,400.00	6,250.00
Summer Meeting	136.00	2,025.77
Banking Fees	1,006.04	1,832.98
Tax Preparation	In Progress	2,060.00
Miscellaneous	2,681.04	
Total Expenses	\$96,598.83	\$147,208.40

Income For	2011	2010
Money from Meetings	0	6,000.00
Contributions	725.00	3,695.00
General Fund	175.00	2,665.00
Endowment Fund	0	25.00
JCB Endowment Fund	0	0.00
D Belk M Sch Fund	550.00	1005.00
JCB	77,710.55	69,522.67
JSTOR	4,942.91	3,160.78
BioOne	45,228.00	38,566.00
Color Plates	675.64	3,359.08
Figures	14.00	0.00
Page Charges	24,665.00	21,634.66
Revisions	1,775.00	2,667.50
Single Issue Sales	410.00	75.00
Tables	0.00	0.00
Shipping	0.00	59.65
Library Subscriptions	9,235.00	20,805.01
Membership Dues	15,050.00	43,290.00
Membership Label Sales	0.00	0.00
Unrealized Loses on Invest.	23,271.11	28,682.73
Bank and CD interest	131.20	1551.65
Refunds	130.00	959.00
Total Income	\$126,252.86	\$174,506.06
Minus expenses	96,598.83	147,208.40
Difference	\$29,654.03	\$27,297.66
Withouth Investment gain	6,382.92	\$-1,385.07

Respectfully Submitted
Mary Schug Belk Treasurer, The Crustacean Society
February 21, 2011

Outline of activities of the Executive Director/Treasurer January thru September 2011

1. SICB meeting the first week of January 2011. TCS Executive committee meeting and general meeting. See minutes of meetings.

2. Reviewed the constitution and bylaws in relation to the board hiring an executive director. Proposed some very small technical changes to the bylaws. These were passed by the membership in a vote of 220 members 94% voting yes. These changes involved online elections rather than mail out elections.

3. Outreach for recognition and membership. The Wildlife Society, Western Division, Riverside, CA. See Report. Arranged for Elena Mente to go to the Lobster meeting and set up a booth looking for members. Christopher Rogers is going to the Large Branchiopod meeting and will look for members and set up a table there.

4. Set up thecrustaceansociety.com web site for collection of money paid to TCS by credit cards over the internet. Collected first payment on a paper in JCB.

5. Reviewed pass due JCB payments by authors. Sent out many emails requesting payment. Received over \$1000.00 and promises for more. Stimulated some to pay through Allen Press.

6. Proposed Allen Press pay TCS for past due charges that were not collected because of the slow billing by Allen Press or failure by Allen Press to change a color print to black and white. The total for these bills is \$1126. Allen Press has not completed their findings.

7. The Finance committee demanded Allen Press pay TCS for the difference between the page charges of \$75 (the old price) and \$100 (the new price) for papers submitted during the time Allen Press failed to correct the advertized and billed price. This supposedly has been done. However Allen Press is still billing at the old price. I am following up.

8. Participated in Conference calls with Fred Schram and Allen Press about co-publishing and other TCS business matters.

9. I am now set up as an Assistant Editor so I can tap into the Allentrack web site and mine for authors submitting papers who are not yet TCS members. I have solved one members problems with change of email that cut her off from the membership login and help her renew. I heard from two authors who were just signed up prior to my email and one who joined because of my invitation. I am now checking daily or every other day for new authors to invite to join. To date I have sent over 120 emails.

10. Completion of the 2010 Treasurer's Report. Circulation of this report. Also located in Ecdysiast.

11. Completion of the 2010 financial records and submission to the CPA.

12. Attended a 4 hour seminar by TCS's CPA organization.

13. Preparation of a statement about Planned Giving to TCS. See statement.

14. Signed up for four Allen Press Webinars. These are to take place over the next several months.

15. Prepared the Mid-Year 2011 Treasurer's Report.

16. Attended the TCS mid-year meeting in Hawaii and coordinated with Christopher Boyko and Burk and Associates as needed to help the meeting run well.

17. Met with Michiel Thijssen and Fred Schram to work out a possible move to Brill as our printer.

18. The decision was made by the Board, to move to Brill from Allen Press for many reasons. We are now coordinating the final wording of an agreement and starting the transfer process. JCB 2012 will be printed by Brill.

19. It was necessary to create a new website so we could accept credit cards over the internet as payment for page charges, donation, and dues plus miscellaneous items. This website is now up and running at thecrustaceansociety.org.

TCS Graduate Student Fellowships and Scholarships

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

The Denton Belk Memorial Scholarship in Graduate Studies (\$1500);

The Crustacean Society Fellowship in Graduate Studies (6 awards of \$1500 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 not 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 (Anostraca, Notostraca, Cyclestherida, Laevicaudata and Spinicaudata).

Currently enrolled graduate students working on either a MS or PhD degree may apply by completing and sending the appropriate application form (available at <http://www.thecrustaceansociety.org> under "student information") and required documentation (CV, letter of support, and candidate's statement) to:

Dr. Jeff Shields
The Crustacean Society Awards Committee
Virginia Institute of Marine Science
POB 1346, Gloucester Point, VA 23062

For questions: jeff@vims.edu

DEADLINE FOR SUBMISSION: February 15th, 2012

The applicant and his/her major professor or mentor must both be current TCS members at the time of application.

Emmett Duffy wins inaugural Kobe Award

The Kobe Award, the international award, which includes a cash prize of 1 million Japanese yen (US\$ 11,900), was established by Suma Aqualife Park in Kobe, Japan, to recognize and honor an individual who has contributed to progress in the fields of marine and freshwater biology and ecology.

Professor Emmett Duffy of the Virginia Institute of Marine Science has been honored with the inaugural Kobe Award for his achievements in marine science, especially, discovery of eusocial shrimp. The formal award ceremony was made on 10 July 2011 at the Hotel Okura, Kobe. The ceremony was originally scheduled for March 26 but was postponed due to the massive magnitude-9 earthquake and big tsunamis that devastated the island nation. Prof. Duffy donated half of his cash prize to Japanese relief efforts and used the remainder to fund research travel.

The 5-member selection panel recognized Duffy for his pioneering work in marine ecology and biodiversity, with special mention of his discovery of “eusociality” among shrimps. Eusociality—most familiar among ants, bees, and other social insects—refers to life in large, cooperative colonies. It is marked by living with extended families in which only one or a few “queens” repro-

duce, and by cooperative care and defense of young. Duffy was the first to discover a case of eusociality in a marine animal, the sponge-dwelling Caribbean shrimp *Synalpheus regalis* (a species described in *JCB* 16:564-573). His subsequent work has identified several other eusocial shrimp species in this group, and recently produced a new phylogeny (Hultgren and Duffy. 2011. *JCB* 31:352-360).

The 5-member selection panel for the Kobe Award includes Professor Akira Asakura from Kobe University and Dr. Naoki Kamezaki, the director of the Suma Aqualife Park.

Submitted by Akira Asakura

(partly from the web-site of Williams and Mary College, News and Events, article by David Malmquist, VIMS <http://www.wm.edu/news/stories/2011/vims-professor-wins-inaugural-kobe-award-in-marine-biology-123.php>. With the permission by David Malmquist, Director of Communications, VIMS)



Photos through the courtesy of Suma Aqualife Park in Kobe.

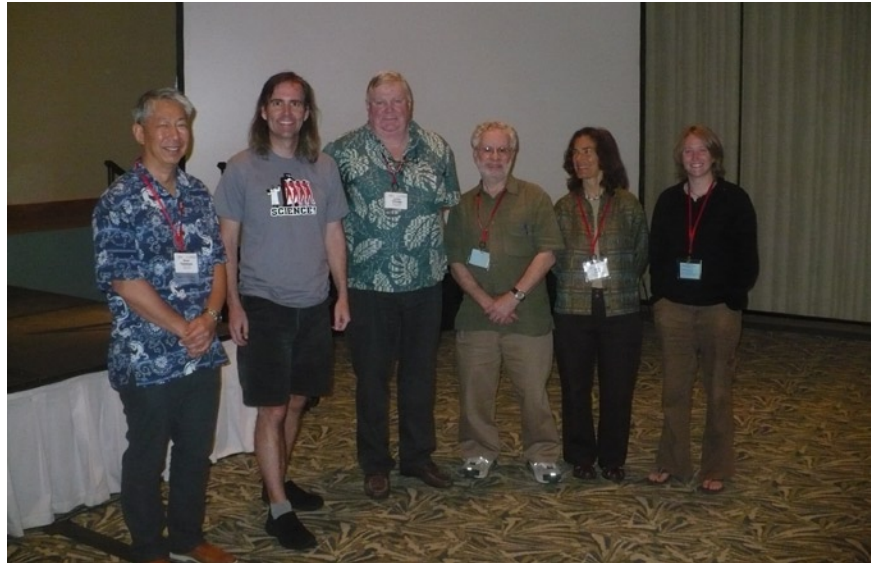


Recent Meetings...

The Crustacean Society Summer Meeting, Honolulu, Hawaii, 6-9 June 2011

The Honolulu meeting of the Crustacean Society was attended by about 120 people from 19 countries and all continents except Antarctica. The meeting consisted of 9 sessions of contributed papers and 3 symposia organized over three days. Symposium topics were Invasive Species, Ocypodid Biology, and Aquaculture.

The meeting began with an opening reception on Monday evening. The highlight was a Hawaiian cultural welcome that included chants, blessings, and ancient and modern versions of the hula. All was explained so everyone understood the significance of what was done and said. The following morning, there was a short welcome message where the participants practiced their pronunciation of various Hawaiian words so they wouldn't be too lost when venturing into Waikiki later in the day. Jim Carlton kicked off the science part of the meeting with a wide ranging talk about crustaceans travelling the world on commercial ships or having their habitat ripped apart by bottom trawlers.



A picture from the invasive species symposium

In addition to the contributed paper sessions there were two poster sessions with authors present at the end of each day and a cash bar to help get the conversation flowing. Brill, the new printer for the TCS Journal of Crustacean Biology also held an interesting panel on scientific publishing in the 21st Century. After three days of interesting papers, the formal part of the meeting concluded with a short society meeting which included tributes to Patsy McLaughlin and Lipke Holthuis. All then went off to the Waikiki Aquarium for a fabulous banquet and some Hawaiian music under the stars.

Les Watling



A picture from the aquaculture symposium



A group picture

Recent Meetings...

Hawaii Summer Meeting 2011: Best Student Paper And Poster Awards

The Crustacean Society (TCS) is pleased to announce the winners of the Best Student Paper and Poster Competition held during the Summer Meeting of the Society, June 6-9, 2011, in Honolulu, Hawaii. There were 31 high quality competitors. The Best Student Oral Presentation Award was presented to **Alyssa Demko** (Roger Williams University, USA) for her talk entitled, "Is *Stenopus hispidus* a globally distributed species? A test of reproductive isolation in Atlantic and Pacific populations" (with co-authors B. D. Borque & A. L. Rhyne). The Best Student Poster Award was presented to **Nikos Lessios** (Arizona State University, USA) for his poster entitled "Wavelength-specific behavior and compound eye spatial resolution of *Triops longicaudatus* (Notostraca) from the Sonoran Desert: Adaptive significance and constraints." Each award consists of a certificate, US\$100 cash, and a one-year membership in The Crustacean Society, including subscription to *The Journal of Crustacean Biology*. TCS thanks those members who served as judges and all student participants.

In addition, through the courtesies of Michiel Thijssen from Brill Academic Publishers, a \$200 bursary was provided to two student attendees who wrote the best short essay stating the reasons why they should receive the award. The winners were **Chad Buxton** (Museum of Tropical Queensland, Australia) and **Ceiwen Pease** (University of New South Wales, Australia).

Christopher B. Boyko
Program Officer

Is *Stenopus hispidus* a globally distributed species? A test of reproductive isolation in Atlantic and Pacific populations

Demko, A., B. D. Borque & A. L. Rhyne
(Roger Williams University, Rhode Island, USA)
ademko233@g.rwu.edu

Virtually all decapod species that appear in the Atlantic and Pacific have been demonstrated to be distinct species. *Stenopus hispidus* also is separated by the Panamanian Isthmus, but to date, has not been morphologically demonstrated to be distinct species. While the Atlantic and Indo-Pacific populations of *S. hispidus* have the same ancestry and are morphologically indistinguishable, in the laboratory, reproductive isolation has not been examined. Here, we present data on studies that compare the biological species concept against traditional conventions. For this study we assembled representatives from two populations of *S. hispidus* and examined if they would cross-breed. Shrimp were collected from Haiti and Bali because these populations were the furthest isolated. Thus, if interbreeding of these two populations is successful,

it would indicate that *S. hispidus* is likely to be a single species throughout its entire range. In this presentation we discuss the results of our study to date and provide some interesting data to support the idea that ancient decapods may evolve at slower rates than more recent taxa.

Wavelength-specific behavior and compound eye spatial resolution of *Triops longicaudatus* (Notostraca) from the Sonoran Desert: Adaptive significance and constraints

Lessios, C.
(Arizona State University, Phoenix, USA)
nicolas.lessios@asu.edu

Triops longicaudatus is a large branchiopod found in ephemeral freshwater pools. It is primarily a benthic forager, though it swims to the air-surface boundary, and is adapted to hypoxic conditions found in its habitat. This study aimed to characterize the photobehavior and spectral sensitivity of *Triops longicaudatus* using whole-organism responsiveness to different wavelengths, and to infer spatial resolution based on ommatidial diameter. *Triops* eggs were collected from several sites near Phoenix, Arizona from late 2010 to early 2011 and were hatched in the laboratory. Light transmission of water from sites where eggs were collected was measured using spectrophotometry, at varying levels of turbidity. Phototaxis was studied using projected light and a Plexiglas trough. Light parameters were controlled using neutral density and 20 nm bandwidth interval filters. Photographs were taken of compound eyes using light microscopy to measure the size and number of ommatidia. My results suggest that wavelength-specific behavior is used for microhabitat choice, and phototaxis may be used to maintain depth. Based on a pilot study, the diameter of an ommatidium in a central row is approximately ~40 μm . Future studies aim to investigate the surfacing behavior over a 24 hr cycle, and to determine if entrainment occurs using certain wavelengths of light. Moreover, studies of *T. longicaudatus* visual pigments will be studied.



L to R: TCS President Akira Asakura, Ceiwen Pease, Chad Buxton, Michiel Thijssen of Brill, Nikos Lessios, Alyssa Demko, TCS Program Officer Christopher Boyko. Photo by Ole Møller



Recent Meetings...

9th International Conference and Workshop on Lobster Biology and Management, a conference summary

The 9th lobster conference is over. It started with a 'meet-and-greet' gathering at the Institute of Marine Research cantina Sunday 19th June. A good group of enthusiastic and expectant participants was greeted by the Director General of Fisheries in Norway, Liv Holmefjord. During the conference week, 135 participants from 21 different countries and five continents of the world were present.

The conference was officially opened by the Managing Director of IMR, Tore Nepstad, on Monday June 20th, and closed Friday June 24th with summaries of the workshops, special seminar leaders and closing remarks by leader of the IMR Aquaculture Research Programme, Karin Kroon Boxaspen, and the convener.

Between these events, it was a week filled with 'new, cool, and interesting' talks and posters on lobsters of all kinds. Three themes were selected for special focus: Aquaculture, Disease, and Sensory Biology from the neurologic base to behavioural patterns. The summaries of the talks and the posters can read at the conference web-site www.imr.no/icwl_bergen.



A lecture in the small lecture hall.
Photo by Øystein Paulsen, IMR, Norway

The chosen best student presentation of the conference went to Mahima Jaini, and the best poster presentation went to Hilke Alberts-Hubach. Thanks to donation by The Crustacean Society, Elena Mente could present a one year student membership along with a money gift to the best overall student presentation.

Three talented students were awarded the newly established 'Paul Kanciruk Student Travel Award': Nancy Hererra Salvatierra, Andrew Kough and Dan Hines. Great thanks to Prof. William Herrnkind, who made the donation from the late Paul Kanciruk legation to this wonderful student support, and to Mark Butler, Alison MacDiarmid and Raquel Goñi for their task to select the lucky awardees. We hope that the travel award will grow to be a permanent, attractive way to get students to keep participating in future lobster conferences.

On Tuesday night, the poster session took place with a wide range of good and interesting topics, as usually with refreshments being served. The midweek break was arranged as a fjord cruise, thanks to the generosity of the directorship of the IMR. We

do hope all 130 participating passengers enjoyed the fjords south of Bergen and the refreshments served on board the magnificent tall ship, a three-masted barque, Statsraad Lehmkuhl of Bergen, Norway.

For the banquet, the venue hotel had prepared an excellent halibut dinner. Jazz singer- songwriter Oded ben-Horin had composed a special lobster song 'Deep Down Lobster', which he included in a jazz concert, performed by himself along with Thomas Dahl and Stein Inge Brækhus, along with other of 'The Science Fair' compositions. Together with further entertainment, like Jelle Atema's talk 'On the evolution of civilisations of humans and lobsters', the band played dance music using fossilized bones, bones and lobster claws for flutes, and a swinging Per Pahr. No complaints have been reported to the convener, except from guests in the hotel, not included in the conference.



The banquet in the grand hall.
Photo by Øystein Paulsen, IMR, Norway

At the present, manuscripts from the presentations are in preparation and we hope that the conference editors, who generously have taken upon them this important task, will receive enough good manuscripts to allow us to have up to five journal special-issues.

The convener and her colleagues and staff at the IMR want to extend our thanks to all our guests, making our preparations so worthwhile, and being so patient with the misses and flaws. We certainly did on our way to get the 9th ICWL going, making it a conference we will remember with pride and happiness forever. Please stay tuned with the conference web-site (http://www.imr.no/icwl_bergen), as it will continue to release information from the conference in the next months and years, at least until the 10th ICWL conference in Cancun, México. To all our guests, we hope to see you there.

Gro I. van der Meeren
Institute of Marine Research
Bergen, NORWAY



Recent Meetings...

Report on 8th International Symposium of Terrestrial Isopod Biology-ISTIB 2011-

The 8th International symposium on Biology of terrestrial isopods was organized by University of Ljubljana, Biotechnical faculty, Department of Biology by prof. Jasna Štrus and assistant professor Primož Zidar (editors of proceedings). The organizing and programme committee was formed from five national and eight international members. The congress started on June 19th and lasted till June 23rd in Hotel Ribno at Bled in Slovenia. The proceedings with extended abstracts were published by University of Ljubljana and could be purchased from the editors.

During the four fruitful days 64 active participants presented 37 oral presentations and 27 posters. It is important to expose that 23 students presented their latest achievements in terrestrial isopod biology, including food, climate and environmental issues. The financial support given by TCS was used for student awards; two were delivered for best oral presentations and one for the best poster presentation. The rest of the financial support was used for registration fees for two students from Tunisia and Slovenian students who participated with daily registration fees. Three plenary lecturers presented their work on broader crustacean and arthropod biology including description of isopod fauna of Dinaric area, biomineralization mechanisms in crustaceans and soil ecotoxicology. Seven different sessions were organized; the session on ecology and ecotoxicology with 13 presentations, the session on morphology and physiology and biomineralization mechanisms with 9 presentations, session in molecular biology and microbiology with 9 presentations and systematics and biogeography with 6 presentations.

The participants were informed that TCS was sponsoring the event and that new memberships are highly appreciated, especially students. The inquiry between participants about the current TCS membership was performed by E-mails. Good news are that from 33 answers, 13 participants of ISTIB 2011 expressed their intention to join the TCS this year. At the sessions of the organizing and programme committee we discussed the possible future joint events of woodlice researchers and TCS meetings. The gen-

eral conclusion was that we shall continue with smaller meetings organized by members of the terrestrial isopod group, as we think that the advantage of being small is a very accurate and quick exchange of research results. The next meeting will be organized in 2014 in France, University of Poitiers and we could link this event to the ICC8 meeting as a pre- or post satellite conference. The liaison officer to keep connections with TCS and other crustacean societies will be Jasna Štrus until the next formal meeting of the group in 2014.

Ljubljana, July 25th 2011

Prof.dr.Jasna Štrus

Chair of the programme committee



Recent Meetings...

Report on 8th International Symposium of Terrestrial Isopod Biology-ISTIB 2011-

The Crustacean Society contributed awards (Amazon coupon) for best talks and posters of graduate and PhD-students. Oral presentations: **Camila Timm Wood** (Germany) "Feeding rates of *Balloniscus sellowii* (Isopoda, Oniscidea): the effect of leaf litter decomposition stage and phenolic and flavonoid content"; **Miloš Vittori** (Slovenia) "Molt cycle and cuticle formation in the subterranean trichoniscid *Titanethes albus*"; **Sukhum Ruangchai** (Germany) "Structure and mineral phase distribution within the joint cuticle of *Porcellio scaber latreille*, 1804"; **Frédéric Chevalier** (France) "Armadillidium vulgare – Wolbachia association: impacts on host immune system and immunocompetence". Poster presentation: **Polona Mrak** (Slovenia) "Cuticle structure in *Porcellio* embryos and manca". Interesting poster presentation: **Aska Yamaki** (Japan): "Asellote isopods (crustacea: isopoda) from soil habitat in southern japan".



Camila Timm Wood



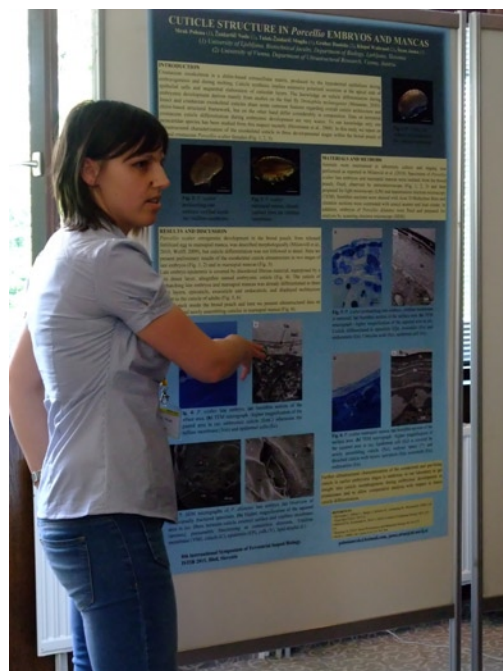
Miloš Vittori



Sukhum Ruangchai



Frédéric Chevalier

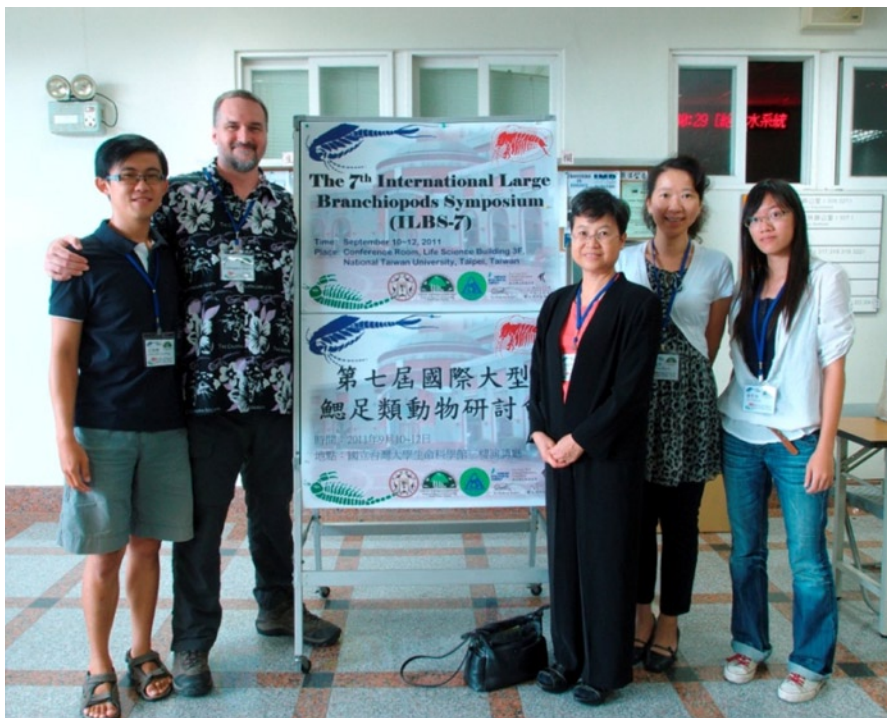


Polona Mrak

Recent Meetings...

ILBS-7: The Seventh International Large Branchiopod Symposium, National Taiwan University, Taipei.

The seventh ILBS was hosted by Dr. Lien-Siang Chou and her students at the National Taiwan University, Taipei, Taiwan 6 – 12 September 2011. Twelve nations were represented, with the majority of attendees from Taiwan, Thailand, and South Korea. Twenty nine presentations were made, covering the biology, ecology, genetics, biogeography, taxonomy, systematic, mating systems, aquaculture, egg banks, and diapauses of the tadpole shrimp, fairy shrimp, and clam shrimp of the world. Our hosts provided excellent field trips to Yangmingshan National Park, where we visited local branchiopod habitats, active fumaroles, and observed rare and endemic plants. We were also taken to historical sites such as Chiang Kai-shek's home and the Chung-Shan Building, which was used by the President of the Republic of China President for various functions of State. The symposium was preceded by a two day workshop for students and local naturalists unfamiliar with large branchiopod crustaceans. This workshop was led by Dr. Chou and various branchiopod specialists from around the world.



Dr. Lien-Siang Chou and her students pose with ILBS Liaison D. Christopher Rogers with the symposium banner.

Christopher Rogers
Kansas University, KS

The MEB-conference in Palermo, Italy 27-29 September 2011

The official title of the MEB conference is: 'New frontiers in Monitoring European Biodiversity. the role and importance of amphipod crustaceans'. The conference was brilliantly organized by Dr Sabrina Lo Brutto of the University of Palermo and dr Valerio Ketmaier of Potsdam University, with their staff of competent colleagues, and it became an unexpectedly large meeting, with 90 participants gathering in the beautiful old Botanical garden in Palermo, the capital of Sicilia, Italy on 27 Septmber for three long days of lectures and posters. Participants came from all over Europe, as well as Tunisia and Brazil, and as far east as Lake Baikal; sadly our Iranian colleagues were prevented from participation by visum problems. The subjects of the lectures and posters were varied, and although the main focus remained biodiversity and the role of amphipods in monitoring both biodiversity as well as pollution and other disturbances to the environment, a few strayed to other amphipod subjects, with caprellids, talitrids and invasive freshwater amphipods being most popular.

As in all amphipod meetings, the atmosphere was almost that of a family reunion, and the many young workers present here were incorporated in this family without any problems. The city of Palermo, with its many wonderful old monuments and its own atmosphere, was a perfect frame for the conference, and some of

the participants also grabbed the chance to visit the ancient Greek towns of Selinunte and Agrigento after the conference proper.

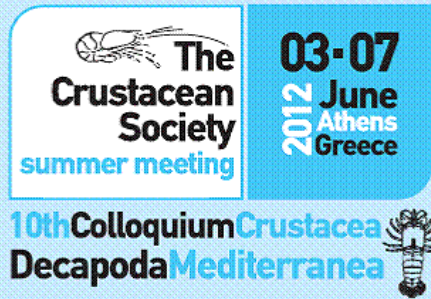
The Crustacean Society had donated prizes for the best lecture and best poster among the younger colleagues. the best lecture was deemed to be the one by Jan Beermann and Heinz-Dieter Franke of the Helgoland Biological Station in Germany: "Amphipod distributions and climate change: A first assessment at Helgoland (German Bight, North Sea)." The poster prize went to Felipe Amorin Fernandes of The Pontificia Universidade Católica o Rio Grande do Sul in Brazil for his poster "Comparison between two *Hyalella* species exposed to atrazine: metabolic and reproductive effects."

A selection of the presentations at the conference will be published as a special issue of the journal *Crustaceana*. The MEB-conference 2011 was a great success, both scientifically and socially, and the organizers are greatly to be commended.

Wim Vader
Tromsø Museum
Tromsø, Norway

wim.vader@uit.no

Upcoming Meetings...



TCS Summer Meeting

2nd CALL

10th Colloquium
Crustacea Decapoda
Mediterranea

Call for abstracts

The following is a list of the sessions open for submission of abstracts. We invite researchers to submit an abstract related to the following sessions. Examples of research areas that may be included in each session are shown as an indication. When considering submission of your abstract please select the session most suited to your contribution.

Session A: Crustacean Biodiversity

- Integrating fossil crustaceans into the classification system
- Threats (environmental climate change, pollution effects, over-exploited fisheries and threatened crustaceans, invasive species)
- Taxonomy, Phylogeny and Biogeography

Session B: Larval Biology and Morphology

- Larval Morphology
- Culturing decapod larvae-status and challenges

Session C: Behaviour and Ecology

- Crustaceans as ecosystem engineers

Session D: Physiology and Endocrinology

Session E: Exotic crustaceans

- Assessing establishment and impact in new environments
- Life cycles

Session F: Advances in crustacean aquaculture research

- Nutrition
- Reproduction and breeding
- Novel technologies

Session G: Crustaceans diseases

- The biology of parasitic crustaceans
- Diseases of crustaceans and caused by crustaceans

Session H: Genetics, Genomics and Proteomics

- Crustacean sexual differentiation under changing environment and biotechnological applications

Session J: Fisheries

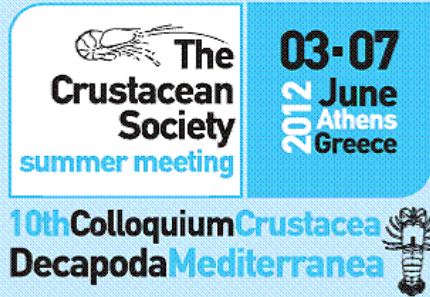
- Over-exploited species
- Social impacts

COLLOQUIUM SESSION A: Mediterranean decapod biodiversity

- Marine
- Freshwater

COLLOQUIUM SESSION B: Exotic decapods in the Mediterranean

Upcoming Meetings...



TCS Summer Meeting

10th Colloquium
Crustacea Decapoda
Mediterranea

Required abstract structure:

title, author'(s) name/affiliation, session (from above), text. When you deliver your abstract, please make clear if you are preparing a paper for submission to one of the journals associated with the conference. **More information** on the conference at www.cssm2012.gr

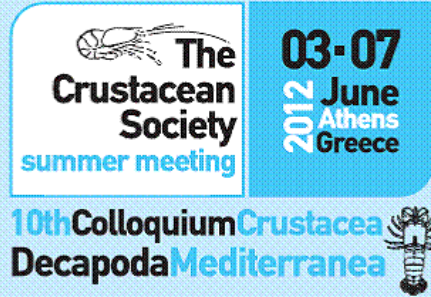
Email abstract with indication of session to abstract@cssm2012.gr by **15 December 2011**. Decisions on acceptance will be communicated by the end of January. If accepted, you will need to submit your manuscript for the special post-conference issue edition to the two journals by **30th of May 2012**.

Papers from the TCS summer meeting and the 10th Colloquium Crustacea Decapoda Mediterranea programme will be offered for a special post-conference issue edition of the journal **Central European Journal of Biology (CEJB)**, by Springer and the **Mediterranean Marine Science Journal**, by HCMR. Papers to be considered for selection must be delivered in finalized form at the conference, with a full text submitted by **30th May 2012**. As usual, these papers will be subjected to peer review by both journals. Therefore, if you are interested in this possibility, please bear this in mind when preparing your abstract and write a paper. When you deliver a manuscript, please make clear which journal you aim to submit to, and follow the guidelines for authors of the preferred journal.

To help us prepare the programme and book of abstracts, please make sure to proof-read your submitted abstract(s).

- Make sure all authors are included
- Check that all addresses are included and spellings and grammar are correct.
- Please be sure to send one page abstract following the guidelines on www.cssm2012.gr.

Upcoming Meetings...



TCS Summer Meeting

10th Colloquium
Crustacea Decapoda
Mediterranea

Guidelines for Abstracts

DEADLINE 15 December 2011

Abstract Format

Please refer to the attached sample at the website www.cssm2012.gr

- **Title of paper:** type in bold in upper-case letters (= full capitals) and the scientific names in the title in italics; leave two lines between title and author(s).
- **Author(s):** the first letters of both first and last names must be capitalized; leave one line between author(s) and affiliation. Use * after the presenting author.
- **Address and Email:** (in point 9) leave two lines between affiliation and text. Only the e-mail address of the contact person should be provided.
- **Text:** typing must be single spaced; space between paragraphs can be half a line (or 6pt); paragraphs should begin flush with the left margin of the text, not indented.
- **Maximum length:** one page.
- **Page size:** standard A4 paper (210mmX297mm) (portrait).
- **Margins:** left margin=4.2cm; right margin=4.2cm; margin top=2cm; margin bottom=4cm.
- **Font:** Times New Roman 10 point.
- **Photos, Figures and Tables:** should be included if relevant. They should be reduced to the appropriate size to fit on the page and should be clearly readable.

Guidelines for Posters

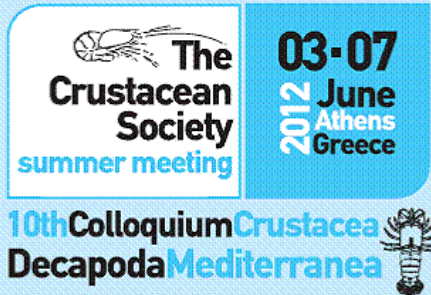
Maximum poster size: (height and width) 120 cm x 90 cm

Minimum font size: 20 (optional, but strongly advised)

Maximum number of words: Free, but please remember short and concise information transfer the information better than detailed descriptions

Prizes will be awarded for Best Poster and Best Student Poster.

Upcoming Meetings...



TCS Summer Meeting

10th Colloquium
Crustacea Decapoda
Mediterranea

Guidelines for presenters and chair sessions

Each paper will be given 20 minutes for presentation and discussion during sessions. We recommend using 15 minutes for presentation and 5 minutes for discussion, with a discussant to these papers. **Chairs should send out the papers to all session speakers in advance.** Both participants and chairs provide inputs.

1. Guidelines for Session Chairpersons: As chairperson, you are responsible for the smooth running of the presentations and for ensuring that speakers follow the session schedule.

Running the sessions:

- Please make sure to be in the conference room at least 5 minutes before the start of the session. (Presenters are given the same instructions).
- Please introduce the session and also the presenters at the start of each presentation.
- Please monitor the time allocated to each presenter and manage the question and discussions so that the schedule is maintained and each paper is treated with fairness and respect.
- If there are any IT issues, assistants will be available at the Royal Olympic Hotel.
- If you have a withdrawn paper or a no-show, maintain the open time slot by: Facilitating an impromptu open discussion or calling for a break until the start of the next presentation.

2. Guidelines for Discussants: As a discussant, your role is to:

- Read the papers in advance and find the commonalities among them;
- Try to frame and develop a conversation from that perspective;
- Identify shared topics, linked ideas/findings and contradictory ideas/results from presentations
- Identify the themes and points for debate in the session;

3. Guidelines for Presenters: The conference programme allocates a maximum of 20 minutes to each paper: **15 minutes for presentation and 5 minutes for discussion.** We kindly ask you to adapt the number of your slides (powerpoint presentation) to fit within the 15 minutes timeframe. Presenters should have their presentation on their memory stick. For your presentation, we would like to provide a few tips which will help you designing:

- Ensure font and background colours display clearly;
- Limit your graphics to one to three per page;
- Limit bullets to six or less per slide, use no more than five or six words per bullet;
- Present one topic/theme per slide wherever possible;
- Choose fonts for readability, Arial fonts – for instance – tend to be easy to read in the text body;
- Use one font style per visual and only two styles per presentation;
- Use large type size generally between 32 and 36 for headings, between 20 and 28 for bullets and sub-bullets and no smaller than 18 for plain text.

Upcoming Meetings...



97th Ecological Society of America Annual Meeting 2012

5-10 August 2012
Portland, Oregon, USA
<http://www.esa.org/portland/index.php>

First Announcement 41st Benthic Ecology Meeting March 21 – 24, 2012 Norfolk, Virginia



Venue: Norfolk Marriott Waterside Hotel
Host Institution: Old Dominion University



2012 Ocean Sciences Meeting - American Society of Limnology and Oceanography (ASLO)

20-24 February 2012
Salt Lake City, Utah, USA
<http://www.sgmeet.com/osm2012/>

2013 Aquatic Sciences Meeting - American Society of Limnology and Oceanography (ASLO)

17-22 February 2013
New Orleans, Louisiana, USA
<http://www.aslo.org/meetings/aslomeetings.html>

VII Brazilian Congress on crustaceans - Sustainability of the environment: The Amazon in the spotlight

The Brazilian Congress on crustaceans (CBC) is a scientific event promoted by the Brazilian Crustacean Society (SBC) every two years and is the main scientific event in Latin American with respect to the study of crustaceans. In 2012, the seventh edition of the CBC will be held in Belém, Pará, the first edition of this event in the Amazon region. The event will be held from 11 to 14 November 2012 at the Federal University of Pará, Belém, Brazil to the theme: "VII Brazilian Congress on crustaceans. Sustainability of the environment: The Amazon in the spotlight." The Amazon will have, for the first time, the opportunity to promote the meeting of professionals in this area. The organizers of the VII CBC under coordination of Bianca Bentes da Silva and Jussara Moretto Martinelli (Chairs) and the SBC board extend a warm welcome awaiting the participation of researchers of this taxon around the world. The web page is coming soon, but if you have any questions, please email us: jussara@ufpa.br; bianca@ufpa.br

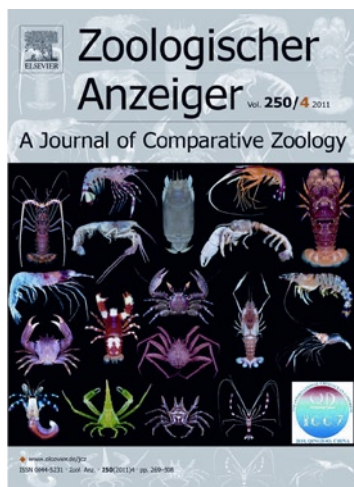


New Publications...

A special issue on Decapod Phylogeny and Systematics has been published in *Zoologischer Anzeiger*

The issue consists of some of the papers presented in a symposium on decapod phylogeny and systematics and the accompanied oral and poster sessions held at the Seventh International Crustacean Congress (ICC7) in Qingdao, China, from 20 to 25 June, 2010. The guest editors are Ka Hou Chu of the Chinese University of Hong Kong, Shane T. Ahyong of the Australian Museum, and Peter K.L. Ng of the National University of Singapore,

with Sammy De Grave of the Oxford University National History Museum as the corresponding editor. There are a total of 14 papers spanning a wide range to topics, from alpha taxonomy of decapods, morphological and molecular systematics and phylogeography of different decapod taxa, to the application of next generation sequencing in decapod phylogeny.



http://www.sciencedirect.com/science?_ob=PublicationURL&_hubEid=1-s2.0-S0044523111X00050&_cid=273243&_pubType=J&_auth=y&_acct=C000228598&_version=1&_urlVersion=0&_userid=10&md5=585abdb3259e9640ed0dd186bf55d0d

Management Of Freshwater Biodiversity – Crayfish As Bioindicators

Cambridge University Press, 2011

Julian D Reynolds (TCD) and Catherine Souty-Grosset (Poitiers), with inputs from Keith Crandall (Utah), Francesca Gherardi (Firenze) and Alastair Richardson (Tasmania).

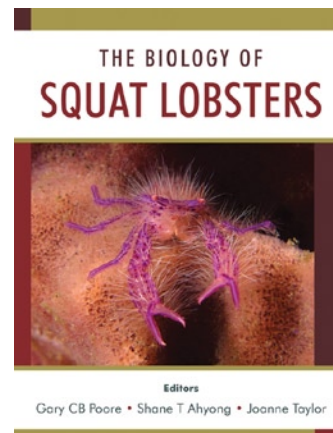
Integrating research into freshwater biodiversity, bioindicators and the roles of keystone species, this book illustrates the far-reaching impacts of human-exacerbated threats on freshwater communities. It uses examples from freshwater crayfish and other large, long-lived decapod crustaceans to explore how communities function, and are controlled, alongside the implications of human demands and conflicts over limited resources, notably the severe impacts on biodiversity in fresh waters.

The discussion is structured around three main topics – the evolution and present situation of crayfish in world freshwater ecosystems and their ecology, the application of science to optimal management of communities, and the importance of knowledge transfer for successful crayfish conservation. It describes the balance between exploitation of crayfish and their conservation, addressing the problems caused by invasive alien forms and ex-

plaining the importance of correct identification when dealing with conservation issues. Offering a global perspective on freshwater systems, the book ultimately highlights how the conservation of such keystone invertebrate species will help protect ecosystem quality in the future.

The authors would particularly like to thank all their astacologist colleagues who generously provided information and illustrations. They are acknowledged in the book.

Biology Of Squat Lobsters



Edited by Gary C.B. Poore, Shane T. Ahyong & Joanne Taylor.

Squat lobsters of the superfamilies Chirostyloidea and Galatheaidea are highly visible crustaceans on seamounts, continental margins, shelf environments, hydrothermal vents and coral reefs. About 1000 species are known. They frequently feature in deep-sea images taken by submersibles and are caught in large numbers by benthic dredges. Some species are so locally abundant that they form 'red tides'. Others support a variety of important fisheries.

The taxonomy of squat lobsters has been intensively studied over the past few decades, making them one of the best known deepwater crustacean groups. As a result, they have attracted the attention of deep-sea ecologists who use them as proxies to test hypotheses about deepwater ecological processes and biogeography. Interest in squat lobsters now extends much more widely than the taxonomic research community and this work is a timely synthesis of what is known about these animals.

The Biology of Squat Lobsters reviews the current state of knowledge of the taxonomy, evolution, life history, distribution, ecology and fisheries of squat lobsters through 10 contributions from 17 authors. The vivid coloration of squat lobsters is exemplified by numerous colour plates and images throughout.

Available December 2011 - hardback - 384 pp.

Australia and New Zealand: ISBN 9780643101722 - AU \$200.00 - Available from CSIRO Publishing (www.publish.csiro.au/pid/6678.htm)

Outside Australia and New Zealand: ISBN: 9781439866146 - US \$179.95/ £114 - Available from CRC Press (http://www.crcpress.com/utility_search/search_results.jsp?conversationId=152053)



News from Liaison Officers...

News from Regional Governors...

Recent activities of the Carcinological Society of Japan

Annual Meeting:

The 49th annual meeting of the Carcinological Society of Japan (CSJ) will be held on 22-23 October 2011 at the Tokyo University of Marine Science and Technology, Tokyo, Japan, with twenty-three oral and forty-one poster presentations, a symposium "Invasive crayfish in Japan focused on the signal crayfish *Pacifastacus leniusculus*", including nine topics, and a special talks for the fiftieth anniversary of the foundation of the CSJ. See <http://www.soc.nii.ac.jp/csj4/taikai/49/49.html> for details.

Journal information:

Cancer No. 20 (in Japanese) was published in August 2011, including CSJ Award 2009, a short paper, five reports, six topics, a book review, symposium reports, and topics for 50th anniversary of the Carcinological Society of Japan. English table and contents will be opened in the CSJ web page (<http://www.soc.nii.ac.jp/csj4/index.html>).

Respectfully submitted, Shinji Tsuchida (JAMSTEC)

Announcement of the Amphipod newsletter 35

Dear colleagues,

As many of you may know, I have produced an Amphipod Newsletter for many years, the first coming out in 1971. I am now officially retired from Tromsø Museum, and at the amphipod conference in Sevilla I have asked for assistance in this work. Adam Baldinger (Harvard), Miranda Lowe (British Museum), and Anne Helene S. Tandberg (now at the Havforskningssinstitutt in Tromsø) have cooperated with me on the production of AN 35, and AN 35 can now be downloaded from <http://www.oeb.harvard.edu/faculty/giribet/lab/> or <http://www.oeb.harvard.edu/faculty/giribet/lab/news.html>, temporary websites until Adam has found a permanent home for the Amphipod Website at Harvard. AN 35 contains as usual an extensive bibliography of recent amphipod literature and a listing of newly described taxa, but also a presentation of the new co-editors, an In Memoriam for George Crawford and Stella Vassilenko, and a report from the very successful amphipod conference in Sevilla in September 2010.

I have used quite a lot of time on AN since I started it many years ago, in a time when it was much less easy to find literature than it is now. I therefore wonder now and then in how far the AN bibliography still plays a role for colleagues, and I would greatly appreciate to get some feedback on this matter. Also corrections and additions to the bibliography are most welcome.

Best regards from a Tromsø awaiting the first snow of the autumn.

Wim Vader
Tromsø Museum, Norway
wim.vader@uit.no

Biología y Ecología de Camarones Carideos
Curso de posgrado teórico-práctico intensivo

Lugar: UMDI-Sisal, Yucatán
Fecha: 13-12 de noviembre, 2011
Organizado e impartido por:
Nuno Simoes, Maite Mascaro y José Luis Bortolini

Introducción:
La diversidad biológica de carideos y penéidos abarca una notable variedad de adaptaciones en el cuerpo, forma y función que han llevado a estos a colonizar los ambientes acuáticos más diversos del planeta. Podemos encontrarlos en aguas saladas, salobres, así como en los marcos litorales del mar. Habitan arrecifes de coral, manglares, pozas someras y efímeras y en marcos profundos playas de arena, zonas bajas, bosques de algas o praderas de pastos marinos. Se consumen como alimento o los podemos disfrutar visualmente en los acuarios. La gran mayoría de las especies es totalmente desconocida por el hombre. Son importantes como modelo para entender aspectos ecológicos que gobiernan los patrones de diversidad, resultado de impresionantes estrategias de sobrevivencia y adaptación.

Profesor invitado:
El Dr. Raymond Bauer, Univ. de Louisiana at Lafayette, es un carideólogo mundialmente reconocido por sus trabajos de investigación con camarones como modelos biológicos. Entre otros temas ha estudiado estrategias y comportamiento de apareamiento, hermenéutica y cambio de sexo, conducta de limpieza, transferencia de espermio, variación latitudinal en los patrones de cría, colonización, aislamiento y migraciones de camarones carideos y penéidos. Ha publicado un número extenso de trabajos científicos acerca de estos temas, entre ellos el libro "Responsible Shrimps: Adaptations and natural history of the caridean shrimps".

Lengua:
El curso será impartido en español.

Requisitos:
Carta de presentación motivada para tomar el curso y un CV.

Lugar:
del 13 de noviembre al sábado, 12 de noviembre UMDI-Sisal, Puerto de Abasco de Sisal, Yucatán, México (<http://www.unam.mx>).

Dinámica del Curso:
Curso intensivo (teórico-práctico) con trabajo de laboratorio y de trabajo de campo (3 salidas al campo en zonas costera y cenotes). El curso será impartido en un ambiente informal en donde habrá oportunidad para resolver dudas y discutir temas de interés.

Cupo e instalaciones:
Cupo máximo para 12 alumnos. Contamos con apoyo de hospedaje para los alumnos que vengan de otros estados de la república sin cualquier costo. Se da prioridad a alumnos del POBY y alumnos que estén o vayan a desarrollar proyectos de tesis con temas relacionados.

No olvides:
Traer el equipo básico de snorkel y ropa de campo. Este es el primer curso del posgrado de Ciencias del Mar y Limnología, pero también un curso para aquellos que cuenten con curiosidad sobre biología y sistemática de crustáceos y muchas ganas de aprender de manera práctica, experimental, y en campo, algo sobre ecología de organismos marino-costeros. Si estás interesado o tienes más preguntas envíanos un correo electrónico antes del final de agosto a la dirección: ne@ciencias.unam.mx

Biología y Ecología de Camarones Carideos
Curso de posgrado teórico-práctico intensivo

Lugar: UMDI-Sisal, Yucatán
Fecha: 13-12 de noviembre, 2011
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Fecha	Semana	Temas	Prácticas
3 de nov.	Jueves	Biohistoria, presentación, distribución de material y dinámica del curso Revisión de características generales de los crustáceos en general y carideos en particular (RS)	Observación de especímenes de diferentes grupos de crustáceos en laboratorio
4 de nov.	Viernes	Revisión de la taxonomía de carideos en el mundo y en México (RS) Especies de regiones frías y cálidas y su distribución (RS) El género "Caridea" y sus subgrupos: comparación de la diversidad en taxonomía y ecología de los grandes grupos de carideos (RS)	Salida al campo para observar especímenes de carideos en el mar y en el agua dulce
5 de nov.	Sábado	Revisión de los grandes grupos de carideos - forma y función - 1) Penéidos (RS) 2) Hippidae (RS) 3) Hippidae (RS) 4) Hippidae (RS) 5) Hippidae (RS)	Observación y comparación de especímenes de diferentes grupos de carideos en laboratorio
6 de nov.	Domingo	Revisión de los grandes grupos de carideos - forma y función - 6) Crustáceos (RS)	Visita cenotes
7 de nov.	Lunes	Revisión de los grandes grupos de carideos - forma y función - 7) Crustáceos (RS)	Visita cenotes
8 de nov.	Martes	Revisión de los grandes grupos de carideos - forma y función - 8) Crustáceos (RS)	Visita cenotes
9 de nov.	Miércoles	Revisión de los grandes grupos de carideos - forma y función - 9) Crustáceos (RS)	Visita cenotes
10 de nov.	Jueves	Revisión de los grandes grupos de carideos - forma y función - 10) Crustáceos (RS)	Visita cenotes
11 de nov.	Viernes	Revisión de los grandes grupos de carideos - forma y función - 11) Crustáceos (RS)	Visita cenotes
12 de nov.	Sábado	Revisión de los grandes grupos de carideos - forma y función - 12) Crustáceos (RS)	Visita cenotes

Posibles Experimentos

Experimento / observaciones de limpieza:
Dependiendo de las especies y número de organismos colectados durante la primera salida al campo se realizarán las observaciones de limpieza (intermedias, aperturas, limpieza, etc.). Observación entre especies. Posible experimento control de comparación de hidratación de las hembras entre animales a las cuales se les ha hecho la manipulación de los oligopodios usando un lápiz (Bortolini) como los animales control en que se les ha hecho la manipulación de un par de penesoles anatómicos. Al final de una semana se deben observar cambios de comportamiento con particularidad, dentro y fuera del tanque de acuario observables al microscopio.

Experimento / observaciones de colonización:
Dependiendo de las especies y número de organismos colectados durante la primera salida al campo se realizarán las observaciones de colonización con fondos de color blanco (blanco, negro y colorado). Se observará y registra el color de los animales para comparación antes y después de un periodo experimental. Se describirán y se evaluarán los diferentes tipos de colonización (Colonización por agregación en el microscopio). Se describirán y se evaluarán los patrones de colonización de diferentes especies, tanto en observación directa, como observación de mudas.

Experimento / observación de parasitismo:
Dependiendo de las especies y número de individuos capturados con presencia de parásitos biológicos, se realizarán un experimento sobre injercciones de especímenes de parásitos biológicos, versus animales no parasitados, efecto en el estado reproductivo de las hembras y la frecuencia de conducta de limpieza. Se realizarán tanto el experimento biológico, como el paralelo teórico para validar la hipótesis de que el parásito se instala durante las etapas juveniles de los camarones y crece con ellos.

Fernando L. Mantelatto
The Crustacean Society - Latin American Governor



Minutes of The Crustacean Society...

Minutes of The Crustacean Society Board Meeting

Held at the conference venue of The Crustacean Society Summer Meeting 2011

Ala Moana Hotel, Honolulu, Hawai'i, USA.

6th June, 2011

Present: Akira Asakura, Shane Ah Yong, Christopher Boyko, Rafael Lemaitre, Ole Sten Møller, Brian Tsukimura, Mary Belk, Frederick Schram, Sherry Tamone, Christopher Tudge, Joanne Taylor, Gary Poore, Les Watling (Meeting host), Jianhai Xiang.

Absent: Elena Mente, Fernando Mantelatto, Jason Williams, Diego Maruzzo.

The meeting was opened at 2:15pm. President Asakura opened the meeting by welcoming everyone to Hawai'i. Firstly, it was decided that due to the importance of the subject matter, the JCB Editor's Mid Year Report (agenda point 4) was moved to the top of the meeting and discussed first.

Ad 4) Fred Schram presented his Mid Year Report (published separately) from which a few things deserve mentioning: the silo-site (www.jcbonline.org) is working well, but some of the work-flow and processes have been changed. FS felt the need to point out that the draft on-line version is the pre-edited, uncorrected version, and NOT page-proofs. It also seems that the introduction of submission fees is working as hoped; given the choice between paying a page fee or becoming a TCS member and thus getting the fee waived, many choose the latter. Also a two week grace period on the payments has helped secure the stability of this source of income. Mary Belk now routinely sends an e-mail to all authors of the submitted papers inviting them to join TCS (formerly, just the corresponding author was asked). FS has considered increasing the yearly output to six issues (currently four are produced) but this will only be implemented in 2013. In any case, this change would need to be worked into the future plans for a change of printer. The number of hard copies of JCB is being decreased as they are cost-heavy, but members are offered on-line access. Also, reprints can now be ordered "on-demand" which represents a great service increase and added flexibility for authors with varying degrees of funding.

As a main point, the current situation between TCS and Allen Press was discussed at length (see the Executive Director's Report for details and newest updates). MB and FS reported on the increasingly unstable and unsatisfying situation that has developed between TCS and Allen Press. It transpires that the continuous personnel and policy changes at Allen Press combined with serious mismanagement of the TCS' accounts has actually cost the society a significant amount of money, and that if the current development were to continue, TCS would be heading for insolvency within a couple of years. This is of course an untenable situation and the alternatives were discussed at length. MB and FS had been in contact with other printers to sound out their interest in taking over JCB. Wiley Publishing and CSIRO had answered negatively,

stating that JCB was too small for their profiles. Oxford University Press had been asked, but not answered. Brian Tsukimura was tasked with contacting Taylor & Francis on the matter, so as to cover a wide range of possibilities. Brill Academic Publishers had also been contacted, and had answered positively and as the only printer so far, also decided to send one of their Senior Acquisitions Editors (Michiel Thijssen) to the conference. The pros and cons of a possible transition to Brill were discussed, and e.g., the issue of Brill already publishing a possible "rival journal" (*Crustaceana*) was raised. As this concern was shared by several board members, it was decided to raise the issue with the Brill representative at the conference. As a final point, FS noted that JCB in general is doing well with a solid amount of manuscripts being submitted. FB also noted an increase in submissions based on "molecular" data.

Ad 2) and 3), MB presented the Treasurer's Report and also the report from the newly formed office of the "Executive Director" (both published in detail elsewhere). As it is not permitted for the same person to serve as both Executive Director and Treasurer at the same time (MB has been doing this as a temporary measure since the meeting in Salt Lake City), possible solutions were discussed. In conclusion, it was decided that a new Treasurer must be appointed (note added in proof: Brian Tsukimura) to function as the board's overseer of the Executive Director.

Ad 5) CB presented the Program Officer's report mainly dealing with the planning and execution of the Conference, concluding that the budget for the conference shirts and banquets seemed to be balancing, although just barely. CB reminded the board members of their duties as judges of the best student oral and poster prizes and also reported on the TCSERA Award. This year, more than a dozen researchers had been nominated, but the final (close) vote had selected Prof. Dr. Gerhard Scholtz (Humboldt University, Berlin, Germany) as this year's winner (see detailed report elsewhere). CB mentioned that the TCSERA nomination procedure is somewhat vaguely described, and that possibly a standardized form should be developed. CB also noted that the deadlines and general timing of the nominations and deliberation process should be reorganized as the current plan leaves very little time for deliberation. A general discussion of the precise tasks of the Program Officer followed and in particular the changes in the office if more meetings were to be planned by external "sub-contractors" e.g. Burke Associates were discussed. This again raised a general discussion on the pros and cons of local organizing committees and the increasing difficulties researchers seem to be having in securing the backing from their universities for hosting major conferences. Also the general decrease in local technical staff numbers was seen as problematic in this respect. The positive aspects of having external companies negotiating e.g. better hotel rates and sponsorships were also mentioned. This being the first major TCS meeting using external event managing, the board felt it too early to make any general statements about this method versus the more traditional "University based" planning strategy. However, as a closing remark to this point, the Board expressed its satisfaction and gratitude towards Les Watling for his and his team's efforts and success in arranging this summer meeting.

Minutes of The Crustacean Society...

Ad 6) The discussion of the amendments of the constitution was headed by Pres. Elect. Chris Tudge and was based on a circulated draft (available on request). The changes primarily concern the new TCS policy of loans to TCS Meetings, ICCs and other meetings arranged by sister societies. A discussion ensued on the existing policy and how best to amend it, and the following main points were agreed upon: the “seed money” of (normally 2000 USD for a TCS meeting, up to 6000 USD for an ICC) is to be considered a loan, and also clearly stipulated so by TCS to the organizers. It should also be stipulated that TCS would “be highly appreciative” of a surplus sharing (to help fund more activities). The prize money for best student presentations at sister society conferences are considered “promotional costs” for TCS and are thus not to be repaid; TCS also benefits by the new members thus recruited. As a general principle, TCS will not cover travel expenses for students (Denton Belk and TCS Graduate fellowships are available for this). As there are still some outstanding issues, no final text of the amendments was presented, but the issue is left open for further discussion.

Ad 7) The 2011 Fall elections for TCS board offices were announced: following the usual rotation, the offices on elections are: President-Elect, Program Officer, SICB liaison officer (Nominated: Sherry Tamone); Asian Governor, Latin American Governor. Nominations for offices are to be sent to Chris Tudge.

Ad 8) The following up-coming meetings and venues were announced:

- 2012: 3-7. Jan, SICB Charleston, South Carolina, USA.
- 2012: 3-7 June, TCS Summer Meeting, joint meeting with 10th Colloquium Crustacea Decapoda Mediterranea, Athens, Greece.
- 2013: 3-7. Jan. SICB, San Francisco, California
- 2014: 3-7. Jan, SICB Austin, Texas
- 2014: (summer) 8th ICC, Senckenberg, Frankfurt Germany
- Planned for 2015: A meeting in Australia (Shane Ah Yong / Buz Wilson)

Ad 9) no announcements.

The meeting was adjourned at ca. 5:00 pm.

Respectfully submitted
Ole Møller TCS Secretary



TCS Board Election, 2001

Board of The Crustacean Society Nominations for Officer Vacancies (2012-2013)

The following have been nominated for positions on the Board of The Crustacean Society for the period 2012-2013:

President-Elect:

Shane Ah Yong – Department of Marine Invertebrates, Australian Museum, Sydney, Australia

Shane is currently a Research Scientist in the Department of Marine Invertebrates at the Australian Museum, Sydney, Australia. Prior to joining the Australian Museum in 2010, he was manager of the Marine Biodiversity and Biosecurity Group and the Marine Invasives Taxonomic Service at the National Institute of Water and Atmospheric Research, Wellington, New Zealand (NIWA). He has published widely on the systematics and phylogeny of marine crustaceans worldwide, especially Decapoda and Stomatopoda. He has previously served as Indo-Pacific Governor of TCS, is a contributing editor to the World Register of Marine Species (WoRMS) and is an associate editor of the Journal of Crustacean Biology, Invertebrate Systematics and Zootaxa. Ongoing research interests include invertebrate systematics, phylogenetic methods integrating morphological and molecular data, comparative morphology and biological invasions. He loves crustaceans and encourages others to love them too.

Write in nomination: _____

Program Officer:

Chris Boyko (incumbent) – Department of Biology, Dowling College, Oakdale, NY, USA.

Chris is currently an Assistant Professor in the Department of Biology at Dowling College, Oakdale, NY, USA. He was awarded his PhD in Biology in 2000



TCS Board Election, 2001

from the Department of Biological Sciences, University of Rhode Island, Kingston, Rhode Island. His main research areas are phylogenetic systematics, taxonomy, zoogeography and ecology of decapods and other crustaceans; crustacean parasitology; and the biodiversity of invertebrates. He is a current member of the International Society for Invertebrate Morphology, Program Officer for The Crustacean Society, Associate Editor for the Proceedings of the Biological Society of Washington, Research Associate at the American Museum of Natural History, New York, Sigma Xi, The Biological Society of Washington and The Crustacean Society.

Write in nomination: _____

SICB Liaison Officer:

Sherry Tamone (incumbent) - Department of Biology, University of Alaska Southeast, Juneau, AK, USA.

Sherry Tamone is a Professor of Biology at the University of Alaska Southeast where she has been conducting research on the metabolic and reproductive physiology of commercially important crabs. Although Sherry's expertise is on cold water crabs with a special interest in snow crabs *Chionoecetes opilio*, She is open to studying warm water crabs and is currently working with a Thailand collaborator on molting hormones in *Portunus pelagicus*. She received her PhD in Endocrinology from UC Davis in 1993 under the guidance of Dr. Ernie Chang studying the regulation of molting hormones in *Cancer magister* and *Homarus americanus*. Sherry has been an active TCS member from over 15 years and even hosted a summer meeting (a small one) in Juneau Alaska in 2006. Sherry has attended almost every Annual meeting for the Society of Integrative and Comparative Biology (SICB) since 1988.

Write in nomination: _____

Asian Governor:

Shirley S. L. Lim – Natural Sciences & Science Education, National Institute of Education, Nanyang Technological University, Republic of Singapore.

Shirley received her Ph.D from The University of Western Ontario (Canada) and after a post-doc. at the Huntsman Marine Laboratory (St. Andrews, New Brunswick, Canada), she returned to Singapore to join the Nanyang Technological University as a faculty member. She is currently Head and Associate Professor in Natural Sciences & Science Education Academic Group, where she teaches invertebrate zoology, ecology, environmental science, biostatistics and animal behavior. Her main research focuses on the ecology and morphometrics of ocyropodid crabs and molluscs. With grant support and strong international collaborations, she has carried out extensive field work in Panama (Smithsonian Tropical Research Institute), The Bahamas (Gerace Research Centre), Taiwan and Thailand (Phuket Marine Biological Center). She has published over 40 publications (books, chapters, peer-reviewed papers) and regularly shares her research findings (together with her graduate students) at international meetings (> 60 conference presentations). She holds the distinction of being the first lady to be elected as President of The Singapore Institute of Biology in 2000 (27th Council), and has served five years as President of the professional society for biologists and biology educators in Singapore. In addition, she was also a member of the Singapore Science Centre Board and a Council member of the Singapore National Academy of Science for six and five years respectively. She was the convenor of the Symposium on ocyropodid crabs at the recent TCS Summer meeting in Honolulu, Hawaii.

Jianhai Xiang (incumbent) – Director, Laboratory of Experimental Marine Biology, China.

Professor Jianhai Xiang is the President of the Chinese Crustacean Society and the Asian Governor of TCS. From 1998 to 2006 he was the Director of the Institute of Oceanology, Chinese Academy of Sciences (IOCAS), which was established in 1950 and is pres-



TCS Board Election, 2001

ently one of largest and oldest oceanographic institutes in China. Graduated from the Nankai University of Tianjin in 1969, he studied in University of Konstanz, Germany from 1980 to 1982, afterwards he moved to IOCAS and worked as head of Department of Invertebrate Zoology and then became the Director of the key Laboratory of Experimental Marine Biology. As visiting scholar, he worked in USA, Canada and Australia. His major area of research is cytological and molecular biology especially for shrimp and crab and he has supervised over 40 graduated students. He has published 180 papers and written 8 monographs since 1993. He has been the chief scientist of a national fundamental research project on disease control in mariculture, especially for shrimp farming in China for ten years. He is currently the Editor-in-Chief of the “*Oceanologia et Limnologia Sinica*” and also editorial board member of several international or national journals such as “*Developmental & Comparative Immunology*”.

Write in nomination: _____

Latin American Governor:

Pilar Haye – Marine Biology Department, Universidad Católica del Norte, Coquimbo, Chile.

Pilar is an Associate Professor in the Department of Marine Biology at Universidad Católica del Norte (UCN), Coquimbo, Chile, and Associate Researcher at the Centro de Estudios en Zonas Áridas (CEAZA; Center for studies on arid zones). She received her PhD in Biology in 2002 from the College of Natural Sciences, University of Maine, Orono, Maine, where she worked on cumacean taxonomy and systematics. Her current main research interests are evolutionary genetics, taxonomy, marine biogeography, and marine molecular ecology. Of particular interest are crustaceans, including peracarids and decapods. She leads the Molecular Diversity Lab at UCN. Currently her research is being funded through six Chilean national grants that deal with several topics related to marine biology: Comparative marine phylogeography along the coast of Chile; genetic health of edge populations of marine taxa; phy-

logenetic effects on structure of marine communities; transcriptomic studies to evaluate effects of restocking on genetic health of marine populations; barcoding of Chilean marine taxa, specially decapods and peracarids; barcoding of commercial Chilean *Brachyura* and authentication of commercialized Chilean crab-meat. A list of her publications is available at: <https://sites.google.com/a/ucn.cl/phaye/laboratorio-de-diversidad-molecular/publicaciones>

Ingo Wehrtmann - School of Biology, Universidad de Costa Rica, Costa Rica

Ingo Wehrtmann studied shrimp larvae in the North Sea for his Diploma degree, and compared ecological features of crangonid larvae in the German Bight and Chesapeake Bay for his Ph.D. After obtaining his Ph.D. in Zoology (1991), awarded from the University of Hamburg, he started working in Chile (Universidad Austral de Chile, Valdivia) as a visiting professor. After six years in Chile, he returned to Germany and went to the Philippines (Mindanao), where he worked for the German Development Service (DED) in the area of marine coastal resource management. Since 2001 he is a professor at the School of Biology of the Universidad de Costa Rica (UCR) and researcher at the Center of Marine Sciences and Limnology (CIMAR) at UCR. He is founder and coordinator of the Unit for Fishery Research and Aquaculture (UNIP) at CIMAR, curator of the Zoological Museum at UCR, co-founder and treasurer of the Latin American Association of Carcinologists (ALCARCINUS), associated editor of *Latin American Journal of Aquatic Research* (Chile), and is a member of the editorial board of the journal *Nauplius* (Brazil). His principal research areas are decapod diversity in aquatic habitats, reproduction of marine and freshwater decapods, and fishery-biology of deepwater shrimps. Ingo has published roughly 90 papers, one book about the marine biodiversity of Costa Rica, and referees for numerous journals.

Write in nomination: _____

TCS Board Election, 2011

The President-Elect serves for 2 years before assuming the role of President, who presides over meetings and represents the Society's interests in external affairs. The President-Elect also runs the TCS elections during his term. The Program Officer is responsible for arranging and/or coordinating all symposia, workshops, etc. The SICB Liaison Officer is responsible for coordinating the activities of TCS with the SICB executive and the SICB annual meeting.

Regional Governors shall serve to represent the best interests of membership in all activities of the Board. In addition they shall serve to actively promote the Society through recruitment of Society members and Institutional subscriptions to the Society's journal in their respective regions. Regional governors are ex-

pected to attend regional carcinology-related meetings, advertise and promote the Society at these meetings, and promote relations between regional societies and the Crustacean Society. Governors are expected to file a yearly report to the Board of Governors (or the Society newsletter) on their activities (e.g., meetings attended, awards given, new members, important liaison issues).

Voting for the election is done electronically at <http://www.thecrustaceansociety.org/>.

Ballots can be cast anytime after November 1, 2011. Voting will close on 25 December 2011.

Chris Tudge, TCS President-Elect

