Volume 44, 2 *November, 2025*

The Ecdysiast

The Newsletter of The Crustacean Society

Message from the President…

Inside…..

Dear TCS-colleagues,

As we approach the close of another year, I would like to take a moment to reflect on some of the ways TCS worked to grow our crustacean community in 2025. The Journal of Crustacean Biology continues to be the premier journal for crustacean research thanks to the hard work of our Editor-in-Chief, Pedro Castro and all AE's past and present. I am proud of our focus this year on supporting scientists in training who wish to collaborate on crustacean research. Our efforts included sponsorship of student travel and best oral and poster presentation awards at two society meetings (the winter meeting (SICB), the TCS Mid-Year meeting in Paris) and four additional crustacean-centric events.Those events included the 15th International Congress on Invertebrate Reproduction and Development, the 20th International Colloquium on Amphipoda, the 2nd Symposium for Women in Crustacean Science, and the TCS/IAA Asia Regional Meeting. All of these events showcased excellent crustacean research from around the world and demonstrated that the future of crustacean research is bright. Congratulations to all who organized and participated in these conferences!

In keeping with our commitment to supporting students, TCS has introduced a new membership tier for students experiencing financial hardship. We hope this reduced fee will help ensure that all students who wish to participate in our Society can do so, regardless of financial circumstances.

Finally, as my presidential term draws to a close at the end of the year, I would also like to take this opportunity to thank all of our members for your continued dedication, contributions, and enthusiasm. I count myself among the lucky few who have been able to call themselves Crustacean Society President, but know full well that it is only because of our members that TCS exists. Over the past two years it has been my pleasure to get to meet so many of you. Whether we met because you took the initiative to host a conference, participated in judging student competitions, or through presenting your own research at conferences, I am grateful for every interaction. If you are interested in becoming more involved in TCS, please reach out to President-Elect William Santana or me.

Academic societies like ours serve an important role in building productive relationships and collaborations across the globe, supporting new and established scientists, publishing high quality science, and sponsoring conferences. Your ongoing support enables TCS to continue building our community. Please remember to renew your membership and encourage colleagues and students to join The Crustacean Society.

Please note: No TCS Executive Committee member will ever ask you for money or personal information via email.

These scams are becoming increasingly sophisticated, often using publicly available information and AI tools to appear legitimate. If you receive any suspicious message:

Do not respond.

Do not click on any links.

Mark the message as SPAM or phishing in your email client.

Forward the message to us at tcs@burkinc.com for our awareness.

Your awareness helps protect the entire community. Thank you for staying alert and helping us maintain a safe and professional environment.

Amanda Windsor — President, The Crustacean Society

Note from the *Ecdysiast* Editor: I am sure you will join me in thanking Amanda for her leadership and service as TCS President!

Thank you to our benefactors

Consider becoming a TCS Patron Member where you support the membership of at least one other member/student. The numbers are still increasing, a **thank you** to you all!

Crustacean Society Patron Members

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Paul Clark
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David Durica
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Sandra Gilchrist
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Alejandro Maeda-Martínez
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Carrie Schweitzer
Thomas Shirley
Brian Tsukimura
Christopher Tudge
Gro van der Meeren
José Luis Villalobos Hiriart
Miloš Vittori
Les Watling

The Crustacean Society Board Members, 2025

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US Food and Drug Administration, Maryland, USA
email: amwindsor@gmail.com

President-elect
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Universidade Regional do Cariri , Brazil
email: willsantana@gmail.com

Past-President
Benny Chan
Academia Sinica, Taiwan
email: chankk@gate.sinica.edu.tw

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Hofstra University, New York, USA
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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. 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.

Send all material directly to the Editor:
Kareen Schnabel, kareen.schnabel@niwa.co.nz

The Crustacean Society Liaison Officers, 2025

The Chinese Crustacean Society
Liaison Officer: Jianhai Xiang
CAS Institute of Oceanology, China
email: jhxiang@qdio.ac.cn

International Association of Astacology
Liaison Officer: Kohei Murakami
Japan
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The Brazilian Crustacean Society
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email: flmantel@usp.br

The Carcinological Society of Japan
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The World Association of Copepodologists
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email: r.huys@nhm.ac.uk

International Research Group on Ostracoda
Liaison Officer: Renate Matzke-Karasz
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Latin American Carcinologist Association
Liaison Officer: Michel Hendrickx
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email: michel@ola.icmyl.unam.mx

Colloquium Crustacea Decapoda Mediterranea Group
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Terrestrial Isopod Biologists Group
Liaison Officer: Jasna Strus
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Large Branchiopod Working Group
Liaison Officer: D. Christopher Rogers
University of Kansas, Kansas
email: branchiopod@gmail.com

Amphipod Group
Liaison Officer: Anne Helene Tandberg
University Museum of Bergen, Norway
Senckenberg Museum and Society for Nature, Frankfurt, Germany
email: pansdamen@gmail.com

German Carcinologists
Group Liaison Officer: Sebastian Klaus
Goethe Universität, Frankfurt am Main, Germany
email: klaus@bio.uni-frankfurt.de

Follow The Crustacean Society on social media

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Treasurer's Report for November 2025

As of October 2025, TCS had had 390 renewed members (230 Regular members, 9 Financial hardship members, 9 Amateur members, 23 Patron members, and 119 Student or Postdoc members). Our numbers are up by over 50 members overall from the same time last year (336 total members in 2025). Please keep up the great work in promoting the society! With this in mind, TCS Scholarship and Grant Opportunities will be due in March 2026 (Fellowship in Graduate Studies due March 31, TCS Early-Career/Post-PhD Travel Awards due March 15 and TCS Student Travel Awards due March 15). Both the student and their faculty sponsor/mentor must be TCS members at the time of application. Reminder that if you join after Oct. 1 your membership will be processed for the next year. So please renew now!

The TCS Executive Committee (President Amanda Windsor, President-Elect William Santana, Treasurer Jason Williams, Secretary Javier Luque, and Program Officer Emma Palacios Theil) approved the Oxford University Press (OUP) Renewal Proposal for the Journal of Crustacean Biology, which includes a 5-year contract term (January 2027 to December 2031). OUP anticipates a projected average return of at least $30,000 per year to TCS, which is similar to prior years. The new contract will also expand page charge benefits to TCS members (members will no longer be capped at 12 pages waived) and all membership fees will be applied to the society. A draft of the 2027 TCS budget (first year under the new OUP contract) versus the 2026 TCS budget (last year under the old OUP contract) projects a slightly higher (~5K) surplus in 2027 than 2026.

The finalized 2026 budget will be voted on in the coming months. Based on current memberships and estimates of expenses, we are presently projecting a small surplus. Our Schwab accounts total approximately $963K and our MainStreet Bank account is at approximately $35K.

Respectfully submitted,

Jason Williams — TCS Treasurer

The Crustacean Society
Journal of Crustacean Biology

2025 INTERIM PROGRESS REPORT

The Journal of Crustacean Biology has so far published 60 articles in its first three issues (volume 45: January–September) of 2025, in contrast to 54 during the same period in 2024 (volume 44). Eight articles have so far been accepted for the October–December 2025 issue 4.

The preparation of proofs and actual publication of articles is now been done by a new supplier (KW Global) working for Oxford University Press. Such a change promises higher efficiency and speed.

Our Editorial Board saw the retirement of three longstanding members: Dr. Neil Bruce (Queensland Museum, Australia), Dr. Rafa Lemaitre (Smithsonian Institution, USA), and Dr. Bernard de Sainte-Marie (Maurice Lamontagne Institute, Québec, Canada).

We welcome three new members: Dr. Krista Baker (Northwest Atlantic Fisheries Centre, St. John's, Newfoundland, Canada), who will handle submissions on clawed lobsters; Dr. Christopher Boyko (American Museum of Natural History, New York), submissions on isopods; and Dr. Masayuki Osawa (Shimane University, Matsue Shimane, Japan) submissions on anomurans.

The current issue of Volume 45 (issue 4) cover features the hermit crab *Paguristes tortugae* Schmitt, 1933, photo by D.L. Felder, previously published by Craig & Felder (2022) Take a look at the interesting range of carcinological research on display. (https://academic.oup.com/jcb/issue/45/4).

Peter (Pedro) Castro
Editor-in-Chief, *Journal of Crustacean Biology*

Consider publishing in the JCB, page charges are waived if 50% of authors are TCS members at time of submission

The Social Media Corner

Dear Crustacean Society Members,

It's been wonderful to see our online community continue to thrive and to have so many of you engaging with our posts and sharing your passion for crustacean research. Your participation helps us reach a wider audience and highlight the importance of crustacean science and conservation. Thank you so much for your continued support!

Community Growth Highlight:

Across all platforms, we've welcomed over 280 new members! Instagram once again saw the biggest increase, with more than 150 new followers, bringing us to 891. Our Facebook community has grown to 1,128 followers, X (formerly Twitter) to 866, and on Bluesky we're steadily approaching our first 100 followers.

Recent Top Post:

Our top-performing post recently was the announcement of the Student Best Poster and Best Talk awards from the TCS Meeting in Paris earlier this year. The post reached nearly 2,300 people, and it's been wonderful to see such strong support for the next generation of talented crustacean scientist.

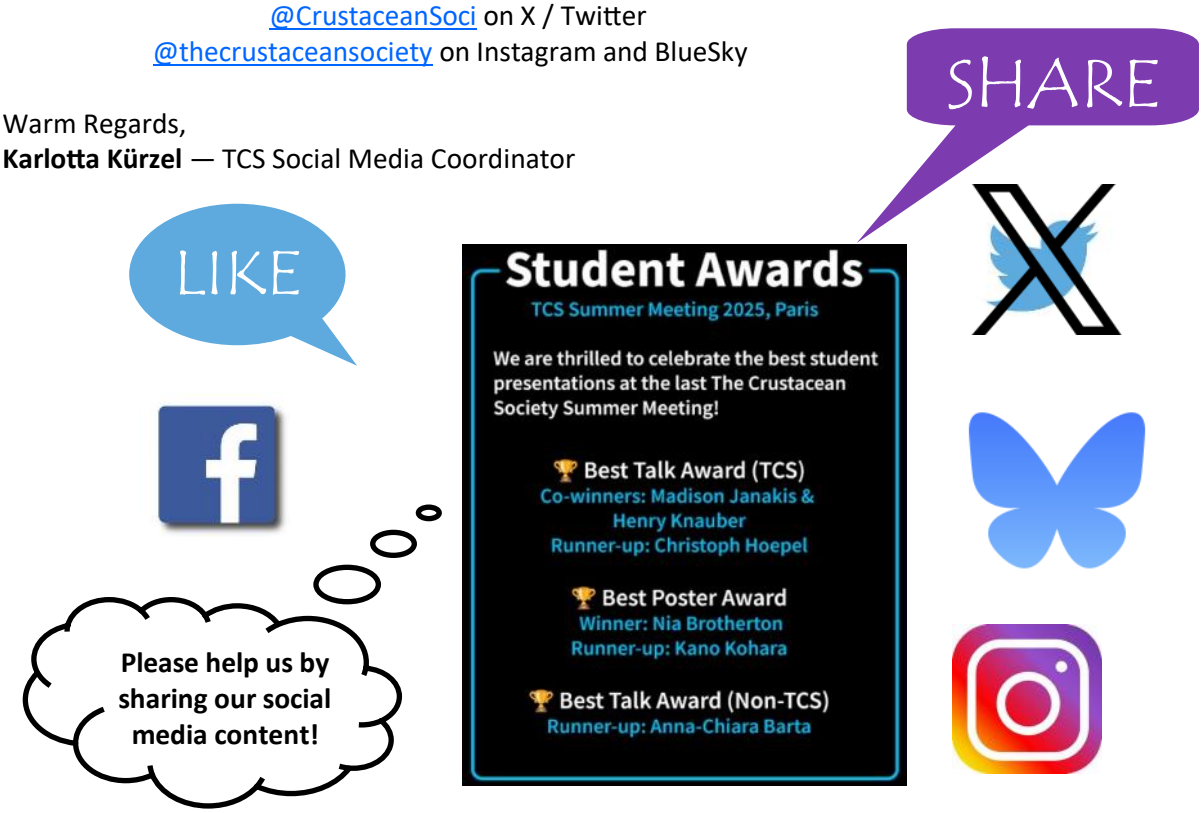
We Want to Feature You!

Have an interesting crustacean video from a research cruise, an upcoming event, a new paper, or a great photo from the field? We'd love to share it! If you have anything crustacean-related you'd like to highlight, especially photos you'd like to see featured on our social media, send it our way.You can always reach us at thecrustaceansociety@gmail.com.

And if you're not already following us, come join the community online. Don't forget to like, share, and follow us on social media! You can find us at:

@TheCrustaceanSociety on Facebook
@CrustaceanSoci on X / Twitter
@thecrustaceansociety on Instagram and BlueSky

Warm Regards,
Karlotta Kürzel — TCS Social Media Coordinator



The Crustacean Society provides a wide range of grants and scholarships for students and postdoctoral researchers. The various options are presented below. Please make sure to apply before the deadlines. If you have any questions please contact the TCS Program Officer.

TCS Fellowship in Graduate Studies

TCS annually awards up to six US$1,000 Fellowships in Graduate Studies in any research concerned with the biology of crustaceans. The fellowship is to support the research objectives and career goals of the graduate student. This award requires a letter of support from their faculty sponsor/mentor. Both the student and their faculty sponsor/mentor must be a TCS member at the time of application. Further details and requirements are in the application and can be downloaded here.

DEADLINE FOR APPLICATION: 31 March annually.

TCS Early-career, post-Ph.D. Travel Awards

TCS annually awards up to three (3) US$1,500 travel awards for early-career researchers with a Ph.D. awarded within five years of the application deadline. Extension of up to eight years post- Ph.D. will be considered at the discretion of the Program Officer for applicants having taken a career break for family reasons. The grants shall cover travel to present, preferably in an oral session, results of their research in any field of study involving crustaceans at a TCS meeting (mid-year or SCIB meeting). Preference will be given to applications that will result in a manuscript suitable for publication in *Journal of Crustacean Biology*. The application can be downloaded here.

DEADLINE FOR APPLICATION: 15 March and 15 September annually.

TCS Student Travel Awards

The TCS Student Travel Awards are granted twice a year to support student attendance at TCS meetings (TCS mid-year/ICC and SICB) or other meetings taking place from January to May where there is an opportunity to present crustacean-related research. Applicants must be enrolled in an undergraduate or graduate degree program, be the presenter of an oral or poster presentation at the TCS/ICC/SICB meeting they attend, and demonstrate financial need for TCS support of travel to the meeting. Both the student and their faculty sponsor/mentor must be a TCS member at the time of the application. The application can be downloaded here.

DEADLINE FOR APPLICATION:
15 March (TCS summer meeting/ICC) and 15 September (SICB) annually.

For additional information, please contact:
Dr. Emma Palacios Theil, Program Officer
emma.palaciostheil@biol.uni.lodz.pl
http://thecrustaceansociety.org/scholarship.php

TCS Mid-Year Meeting 2025 Best Student Paper and Poster Awards

Thank you to the fantastic student contributions at the TCS mid-year meeting in Paris and the host of judges. Together with the local organizing committee, TCS and funding from the Fondation de France and the French Ministry of Ecological Transition, Biodiversity, Forestry, Sea and Fisheries, three separate competitions were being judged:

- one for the best talks among TCS student members (23 talks)
- one for the best posters by students (all together, TCS members and non-member, 20 posters)
- one for the best talks among students (non-TCS members, 45 talks)

These were judged separately (TCS Program Officer Emma organised the judging of the first two with a team of TCS members and the conference organizing committee was in charge of the third, with the chairs of the respective sessions providing the evaluations).

In addition to some prize money for all winners, they all receive an annual TCS membership.

Best oral talks by TCS student members:

CO-winners: Madison Janakis (University of South Carolina, USA)
Henry Knauber (Senckenberg Institute, Frankfurt)

CO-runner-ups:
Zhi Wan Tan (National University of Singapore)
Christoph Hoepel (University of Rostock, Germany)

Best oral talks by students who were not TCS members:

1. Flavien Lagrange (Centre de Recherche en Paléontologie – Paris, MNHN – Sorbonne Université)
2. Elena Kochanova (Finnish Museum of Natural History)
3. Jorn Claassen (University Groningen)
4. Anna-Chiara Barta (Natural History Museum Vienna, Austria)

Best posters by students (TCS-members and non-members):

Winner: Nia Brotherton (Florida International University, USA)
1st runner-up: Kawtar Machhour (Université Mohammed V de Rabat, Morocco)
2nd runner-up: Kano Kohara (Nagasaki University, Japan)

Award ceremony for oral presentations

We congratulate this year's student winners.!

Please consider volunteering to judge student presentations in the future, as many hands make light work.

— Dr. Emma Palacios Theil, Program Officer
emma.palaciostheil@biol.uni.lodz.pl

20th International Colloquium of Amphipoda 2025
Student Awards

We celebrated the jubilee 20th International Colloquium of Amphipoda in September 2025 in Lodz (Łódź) in Poland.

During the closing ceremony, we awarded the students for best presentations and awarded three travel grants. These are as follows:

1.- **Best flash talk award**: Kali Holierhoek, Georgia College & State University (USA).

title of contribution: Diversity and distribution of intertidal haustoriid amphipods on Sapelo Island, GA (USA). Holierhoek K., White K.N.

Award: Student membership to The Crustacean Society for 2026

2.- **Best poster award**: Nataša Katanić. Charles University, Prague (Czechia).

title of contribution: Microbiome composition in coexisting lineages of a *Gammarus* species complex along a gradient of anthropogenic stress. Katanić N., Vanoverberghe I., Bisschop K., Krzynowek A., Bystřický P.K., Annal I., Petrusek A., Decaestecker E.

Award: Student membership to The Crustacean Society for 2026

3.- **Travel grant**: June Kim. Dankook University (Korea)

Award: 200 USD

4.- **Travel grant**: Taiara Ramos Rodriguez. Universidad de la República (Uruguay)

Award: 200 USD

5.- **Travel grant**: Pablo Lanza Arroyo. University of Seville (Spain)

Award: 100 USD

I would like to thank The Crustacean Society for supporting the student awards during the 20 ICA and ask you to join me in congratulating this year's student winners!

Caption: Student prize giving at the 20th ICA in Lodz

— Inmaculada Frutos, University of Łódź

Themes:

1. **Live crustaceans in their natural (or aquarium) environment.**
2. **Laboratory-based crustacean specimen photographs (e.g., light or scanning electron microscopy)**

Prizes:

Prizes – first (300 US dollars), second (150 US dollars), third (membership), Honorable Mentions (certificates)

The First Place Winner will have their photo featured on the cover of the *Journal of Crustacean Biology*

SUBMISSIONS WILL BE ACCEPTED UNTIL 30 NOVEMBER 2025.

Details:

Eligibility: The contest is open to all TCS members with current membership. The contest is free to enter. TCS Executive Committee members, regional governors of the TCS, and editor of JCB are not eligible to enter to avoid conflicts of interests.

Color or black and white photos are acceptable for both themes.

Photographs that the contest entrant didn't take, or for which someone else owns the copyright are not acceptable. The photograph must be the original work of the contest entrant. Illegal or prohibited photographs or with watermarks, any other overlaying images, logos are not acceptable.

Upload photos and the application form to a Google drive – send a shared drive link to:
awride-graney@burkinc.com

Up to three submissions per theme per contestant will be accepted. To avoid a single contestant winning multiple prizes, only one entry per contestant can be selected as a First, Second, or Third Place Winner. Each photograph must be accompanied with <250 words describing the target species and brief details on their biology/ecology.

Photographs must be in digital format. High quality scans of negatives or prints will be accepted. Photographs must be submitted in .jpeg or .tiff format. Contest winners will be required to submit a high-resolution file (8.655 inches in width by 11 inches in height at 400 dpi) in .tiff or .jpeg format. Winners that cannot supply the required high quality photographs will be disqualified.

Minor adjustments, including cropping, editing color saturation are acceptable. Photos whose content has been significantly altered are ineligible.

Entrants including who are selected as the First Place Winner, Second Place Winner, Third Place Winner and merits will be required to sign a license agreement granting permission to use for TCS unlimited uses for scholarly publication or other social media purposes (including promotion of the future photo contest; publication on the website, Facebook, twitters of TCS; and in promotional or advocacy documents, pamphlets, or reports. Any photograph reproduced will include a photographer credit).

Judging: A judging committee will be convened by the TCS Executive Committee. Judges will make their selection based on the following judging criteria: Composition, clarity, species description, technical quality (50%) and creativity (50%).

Decisions of the judges are final.

TCS member photo competition application form:

Upload photos and the application form to a Google drive – send a shared drive link to awride-graney@burkinc.com

Please copy and paste the following if you have multiple entries or different themes (note each applicant can have a maximum of three entry per theme. Only one entry per contestant can be selected as a First, Second, or Third Place Winner.)

Name:
TCS membership number:
Themes: Please tick below:
Natural photographs of live crustaceans including aquarium shots ( )
Laboratory taken, specimen photographs ( )
Entry title:
Entry file name:
Entry description (<250 words) - describing the target species and their brief interesting biology/ecology or biological significance:

Please declare below whether the image has been edited including minor adjustments (note: minor adjustments, including cropping, editing color saturation are acceptable. Photos whose content has been significantly altered are ineligible):

In Memoriam

We remember our colleagues who we lost recently with gratitude for their contributions to crustacean research and to our community.

Daniel Wu Fong
(December 1, 1954 – April 25, 2025)

The crustacean biology community has lost a vibrant and active member with the passing of Daniel (Dan) Wu Fong. Dan will be remembered for his ready wit, infectious laugh, and unending optimism. Throughout his academic career Dan published a series of important papers on various aspects of cave biology and cave organisms, especially cave amphipod and isopod crustaceans. This research began with his thesis on the inheritance of quantitative morphological traits in the cave and spring amphipod, Gammarus minus and ended with his most recent work on the transcriptomes of cave and spring populations of *Gammarus minus*. The theme of his published work consistently demonstrated the centrality of natural selection in molding the morphology of cave animals, particularly crustaceans.

Born in the People's Republic of China, he was taken to an aunt in Hong Kong, who subsequently adopted him and moved to the San Francisco area, where Dan went to high school. He got his B.A. in Zoology at the University of California—Berkeley. After several years of working at the Midwest Research Institute in Kansas City, Dan enrolled as a master's student at the University of Oklahoma. After he received his M.S. in 1980, he went to Northwestern University to do his PhD with David Culver. His Ph.D. work was an analysis of individual pair matings in the laboratory of *Gammarus minus* from cave and surface populations showing that differences in eye size, antennal length, and overall size was genetically (i.e., heritable), rather than environmentally determined. This study became an integral part of the consideration of the role of natural selection in the evolution of cave inhabiting populations of Gammarus minus, as well as a review of regressive evolution in general.

Dan stayed with *Gammarus minus* and developed new collaborations with molecular geneticists that allowed the use of new molecular tools in the study of *G. minus*, such as a transcriptome analysis that showed selection on eyes in cave populations was widespread. In addition to the molecular genetic analysis, Dan also expanded our knowledge of the biology of *G. minus*, including trophic analysis using stable isotopes and championing *G. minus* as a model system for studying evolution. Few cave-dwelling species can be raised in the lab, and fewer still can be successfully mated with surface dwelling populations.

While his life-long study of *G. minus* is the core of his scholarly contributions, he made significant contributions in several other areas, especially conservation biology and management. He devoted a lot of attention to the endangered isopod *Antrolana lira*, a groundwater dwelling species, distantly related to some groundwater isopods in Texas and hundreds of kilometers from any marine waters, the historical source of colonists. While much of this work was in the form of reports to the U.S. Fish and Wildlife Service, he published a paper demonstrating that it was likely three species, not one, based on molecular genetic analysis.

Dan made many important contributions to biodiversity of cave fauna, including new species descriptions, biology and natural history notes, and local and regional species lists and biogeographic analysis, mostly focused on the fauna of West Virginia caves. He also has three species named after him, two of them crustaceans:

- *Pseudotremia fongi* Shear 2008 (a millipede from Greenbrier County, WV)
- *Niphargus fongi* Fišer & Zagmajster 2009 (an amphipod crustacean from Slovenia)
- *Monolistra fongi* Prevorčnik & Verovnik 2010 (an isopod crustacean from Croatia)

At American University, where he was an Associate Professor of Biology, he was unstinting in his support of graduate research and education, chairing the MS thesis committees of multiple students, most of whom did cave and/or crustacean-related projects. He was a sought-after collaborator and a glance at his bibliography shows names of

many North American and European collaborators. Although Dan worked and published mostly in the cave biology community, he was a frequent visitor to crustacean biology venues and he was a notable presence at international crustacean gatherings in Brisbane (1990) and Sydney (2015), Australia, Coquimbo, Chile (2007), San Jose, Costa Rica (2013), and Washington, DC (2018).

Dan was outstanding in his ability both to ask probing questions about one's research and to ask more general questions. All of us who had the privilege of working with him were the recipients of this bounty. We would be remiss if we did not mention one of his most important social contributions—as co-founder of the District of Columbia Biospeleological Drinking (Discussion) Club (DCBDC). But, surely all of us who knew him remember most of all his infectious good humor, his positive attitude, and his wonderful laugh.

— Respectfully submitted by Christopher Tudge and David Culver
(American University, Washington, DC, USA)

Adapted from obituary published in *Subterranean Biology* 52: 103–109. https://doi.org/10.3897/subtbiol.52.158075

Janet Bradford-Grieve
(February 11, 1940 – August 16, 2025)

Dr Janet Grieve (also - Bradford; Bradford-Grieve), who has died aged 85, was a New Zealand ocean scientist with a global standing in marine taxonomy and biological oceanography. She made significant and pioneering contributions to the growth and development of the national research community through a range of research leadership roles including the office of President of the New Zealand Association of Scientists from 1998–2000.

Janet Grieve grew up in Christchurch, New Zealand and attended Christchurch Girls' High School. From there she continued her education at the University of Canterbury both for her undergraduate (B.Sc. Hons 1963) and graduate (Ph.D. 1966) degrees. For her graduate work Janet studied under Professor George Knox where her 1966 doctoral thesis The annual cycle of plankton off Kaikoura documented the first evidence of high biological productivity off the north Canterbury coast, due to the inclusion of the canyon effects such as upwelling of nutrients and transport of high organic matter from the coast. Her thesis work provides a critical baseline for assessing changes in the region.

She joined the New Zealand Oceanographic Institute (NZOI) in 1966 and spent almost her entire career at the institute - continuing onto the Crown Research Institute NIWA (National Institute of Water and Atmospheric Research). The only excursion from this was a 3-year period at the Smithsonian Institution, Washington DC, USA (1970–1973) when she was a formal "Visitor", Sorting Center Supervisor and Scientific Editor.

In terms of research, Janet was a world expert on the taxonomy and phylogeny of planktonic copepod crustaceans, so much so that she held the office of President of the World Association of Copepodologists from 2008–2011. She named 12 genera and 82 species. Her papers on copepods spanned subjects that ranged from their very earliest appearance in the geological record (Bradford-Grieve 2002), through to descriptions of present-day local species (Bradford-Grieve, 2004) - and everything in between. This was synthesized into an on-line tool making copepod identification accessible to a wider audience (Bradford-Grieve, 2022).

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(Bradford-Grieve, 2004) - and everything in between. This was synthesized into an on-line tool making copepod identification accessible to a wider audience (Bradford-Grieve, 2022).

Janet didn't only focus on the details of species, she was a pioneer on the interaction of physical and biological processes in marine environments. She was an early proponent of interdisciplinary work, pioneering the study of how physical conditions can enhance ocean productivity, both in the open ocean and in shelf seas (e.g. Bradford et al., 1986). She also was instrumental in the initial work seeking to understand how the sinking of "marine snow" moves carbon to the seabed - and her work was heavily cited in a recent major study of New Zealand's carbon accounting (Nodder et al. 2025).

Janet conducted some of the first open-ocean biological oceanographic studies in the New Zealand region in the 1980s, working closely with physical oceanographers in a way that became a template for the following years of research.

Janet did pioneering work on the seasonal migration of large neocalanoid zooplankton to depths in excess of 500 m to over winter - this major migration is now termed the seasonal lipid pump and is a major process in the injection of biological carbon into the oceans interior.

She was a trailblazer for women in ocean science, and science more generally, in New Zealand. She served as Manager of the Marine and Freshwater Division at the NZOI, still the only woman to do so, and in 1967, was the first woman to lead a research voyage at the Institute. Janet was also heavily involved in the initiation of the Association of Women in Science in New Zealand. The inaugural meeting of the Association of Women in the Sciences (AWIS) was held at Janet's home in February 1986.

Janet was the recipient of many awards and honours including the New Zealand 1990 Commemoration Medal and in 2007, Officer of the New Zealand Order of Merit for services to marine science. In 1995, she received the New Zealand Marine Sciences Society Award and as noted above was made a life member of the New Zealand Association of Scientists. She was elected as a Fellow of the Royal Society New Zealand in 2003 (FRNZ). In 2017, Janet was selected as one of the Royal Society Te Apārangi's "150 women in 150 words" (RSTA, 2017), celebrating the contributions of women to knowledge in New Zealand. Six taxa were named after her - the genera *Bradfordiella* Andronov, 2007 and *Grievella* Ferrari F.D. & Markhaseva, 2000; and the species: *Idomenella janetae* (Hicks, 1989); *Sphaeronella bradfordae* Boxshall & Lincoln, 1983, *Trichopeltarion janetae* Ahyong, 2008 and *Munida grieveae* Vereshchaka, 2005 (later synonymised with *Curtonida endeavourae* Ahyong and Poore, 2004).

Discussions are already underway for a conference Special Session and Special Issue honoring her remarkable contributions to science.

— respectfully submitted by Kareen Schnabel (Earth Sciences New Zealand, formerly NIWA)

Adapted from the full obituary published in the New Zealand Science Review: https://ojs.victoria.ac.nz/nzsr/article/view/10263

Caption: Carcinologists at the National Institute of Water & Atmospheric Research 2007; from left to right: Kareen Schnabel, Shane Ahyong, Anne-Nina Lörz, Niel Bruce and Janet Gradford-Grieve.

Upcoming TCS meetings

3–7 January 2026: SICB annual meeting, Portland, OR

Conference information can be found here.

1–4 June 2026: TCS Mid-Year Meeting

Stellenbosch, South Africa
Conference information on website: https://tcs2026.com

For the first time ever, TCS is heading to Africa! Remember these dates:
12 January 2026 – Abstract submission deadline
27 February 2026 – Early registration & payment deadline

SICB 2027: Pittsburgh, PA, 3–7 January

SICB 2028: Los Angeles, CA, 3–7 January

SICB 2029: New York, NY, 3–7 January

Reminiscing of past meetings

TCS summer meeting in Paris

The TCS 2025 Congress was held in Paris from July 7–10, 2025, marking the return of this event to Europe after 31 years of absence from the French capital. This annual congress brought together researchers from all over the world around the field of carcinology. The event fostered international collaboration by providing opportunities for exchange and for presenting the latest scientific advances. At the same time, the congress helped to highlight the heritage collections of the MNHN and Sorbonne University.

The Paris edition of TCS 2025 was an opportunity to celebrate the diversity of research on crustaceans, with five parallel sessions over three days featuring high-level presentations. The 230 participants enjoyed a rich program combining lectures, workshops, and networking events, all set in the iconic atmosphere of the City of Light. In total, 40 nationalities were represented.

Training through Research

This congress placed particular emphasis on the involvement of PhD students (36%), offering them the opportunity to present their work and engage with international experts in carcinology.

The sessions were specifically designed to encourage their participation, notably through oral and poster presentations. This enabled these young scientists to promote their research and receive constructive feedback. This dynamic strengthened intergenerational links while contributing to the vitality of the field.

The organizing committee supported the participation of 15 young scientists (PhD students and postdocs) from emerging countries by providing grants covering registration, travel, and accommodation expenses in France.

In addition, 12 awards were given to recognize the best oral (67) and poster (21) presentations among these young researchers.

TCS Officers: from left to right, Benny Chan, Bee Yan Lee, Savel Daniels, William Santana, Emma Palacios Theil, Javier Luque and Jason Williams

Gender Equality

Our congress followed an approach that encouraged gender balance (119 men / 104 women) and diversity among session chairs. Each session was co-chaired by a woman–man pair.

The event was a success in terms of gender parity, with women representing 47% of the attending scientists, thereby giving strong visibility to their research.

Special Visits

As part of the congress, several special visits were organized:

Around fifty participants discovered the behind-the-scenes collections of the zoothèque of the Muséum National d'Histoire Naturelle, housed in an underground building not open to the public, where unique specimens are preserved. These visits encouraged discussion on topics such as collection conservation. Visitors observed both identified specimens and undetermined material ready for study.

About forty participants admired the MNHN's paleontological carcinology collections, which include more than 20,000 specimens, among them 6,000 trilobites and 2,000 decapod crustaceans.

Forty-five people explored the geoscience collections of Sorbonne University. These collections are closely linked to the history of the Sorbonne's geology laboratory, created in 1857 by Edmond Hébert, a pioneer in paleontology.

Around thirty scientists visited the zoological collection of Sorbonne University, which includes 15,000 animals and anatomical specimens. As a major witness to the history of the institution and natural sciences, this collection is a unique educational tool. Its specimens are invaluable resources for biology training and for educating students about the history of science and respect for nature.

The congress ended with the gala dinner, which took place during a cruise on the Seine where participants could admire famous landmarks while enjoying a gastronomic French meal and live jazz music before landing at the foot of the Eiffel Tower.

Scientific Collaboration on MNHN Collections

The MNHN scientific collections department welcomed 19 researchers for a total of 68 working days, spread over the weeks before and after the congress, for visits lasting between 1 and 15 days.

For these visits, material was retrieved from both the general and type collections, as well as from the historical collection — including both alcohol-preserved and dry specimens — covering 274 species, more than half of which were type series, representing approximately 1,000 lots in total.

Left: visit to the « zoothèque ». Right: visit to the fossil crustacean collection

— submitted by Valentin de Mazancourt on behalf of the Organizing Committee

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2nd Symposium of Women in Carcinology

In September, the Brazilian project “Women in Crustacean Science” (Instagram: @womenincrustaceanscience) held the second edition of the Symposium of Women in Carcinology. Broadcast entirely online, the event reached 224 registered viewers worldwide and showcased 115 presentations delivered exclusively by women and girls from 10 countries.

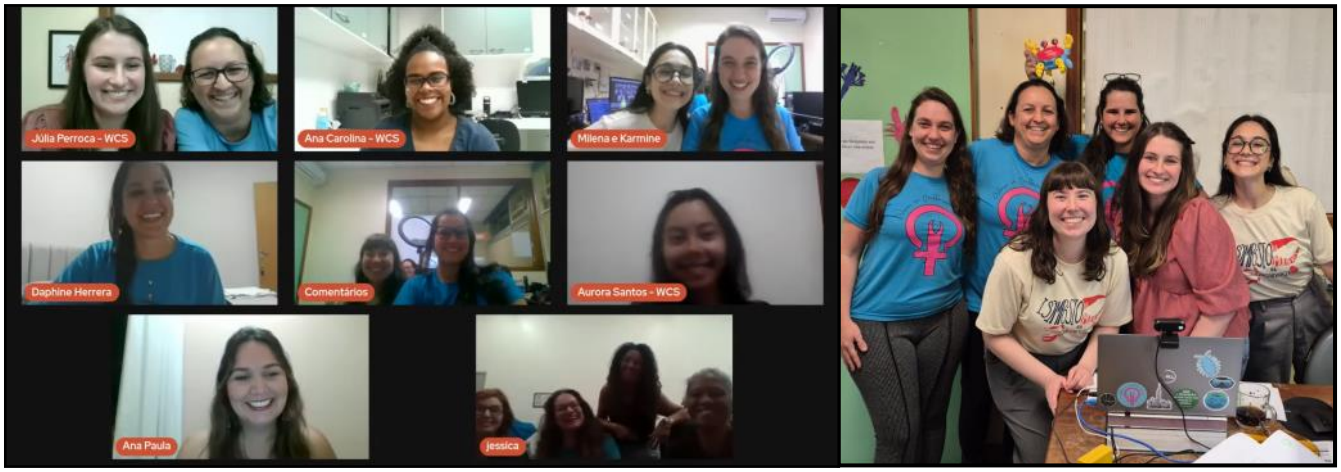
The four-day event featured four keynote lectures and four round tables presented by leading women in carcinology, including Dr. Lourdes Elmoor-Loureiro and others. Topics such as cladocerans, cave biodiversity, aquaculture, genomics, conservation, and field research were explored throughout the schedule. We also included a full day dedicated to international research, with presentations in Spanish and English, reinforcing our commitment to making science more accessible and equitable.

The 2025 meeting was coordinated by Prof. Mariana Terossi, Isabela Moraes, Júlia Perroca, Amanda Horch, Milena Jaconis, and supported by the Scientific Committee composed of Ana Paula Ferreira, Daphine Ramiro Herrera, Karmine Pasinatto, Katia Hiroki, Paula Beatriz Araújo, Mariana Caparelli, Jessica Colavite, Yesenia Carpo Díaz, and Aurora Pereira dos Santos, Ana Carolina Francelino, and Isadora Marangoni.

The Universidade Federal do Rio Grande do Sul provided institutional and logistical support. The Brazilian Crustacean Society (SBC) and The Crustacean Society (TCS) supported the event and sponsored awards for the best presentations. Carcinologist and writer Dr. Aline Rios also contributed copies of her books as prizes.

The organizers considered this edition a milestone in promoting gender equity in science, a space of intense learning and collaboration that highlighted the leadership and achievements of women in research and academia.

— submitted by Jessica Colavite on behalf of the Organising Committee



Caption: Left — happy faces during an online session. Right— Members of the Organising Committee, from left to right: Karmine Pasinato (UFRGS), Prof. Mariana Terossi (UFRGS), Isabela Morais (UFRGS), Julia Perroca (USP), and Milena Jaconis (UNESP). Squatting in front is Amanda Horch (UFRGS). This picture was taken at the Carcinology Lab at the Federal University of Rio Grande do Sul (UFRGS).

TCS & IAA Asian Regional Meeting in Sapporo, Hokkaido, Japan: Bridging Crustacean Biology and Society

The TCS & IAA Asian Regional Meeting 2025 (organized by Tadashi Kawai and Jibom Jung) was held from September 30 to October 3 at the Conference Hall, Hokkaido University, Sapporo, Japan, followed by a workshop and field excursion on October 4. This was the first time that both The Crustacean Society (TCS) and the International Association of Astacology (IAA) jointly organized a regional meeting in Asia, bringing together 106 participants from 15 countries across Asia, Europe, North America, and Oceania. The scientific program featured 48 oral presentations, including 5 plenary lectures and 15 poster presentations.

The plenary lecture on the crayfish as a study model for skeletal mineralizations was presented by Prof. Amir Sagi (Ben Gurion University, Israel), and the keynote speakers represented both IAA and TCS, including Quinton Burnham (Edith Cowan University, Australia), Licia Colli (Università Cattolica del Sacro Cuore, Italy), Benny Chan (Academia Sinica, Taiwan), and Peter Todd (National University of Singapore, Singapore). Three symposia were organized, covering a broad range of topics: conservation of freshwater crustaceans, aquaculture and aquarium science, and environmental change and crustaceans.

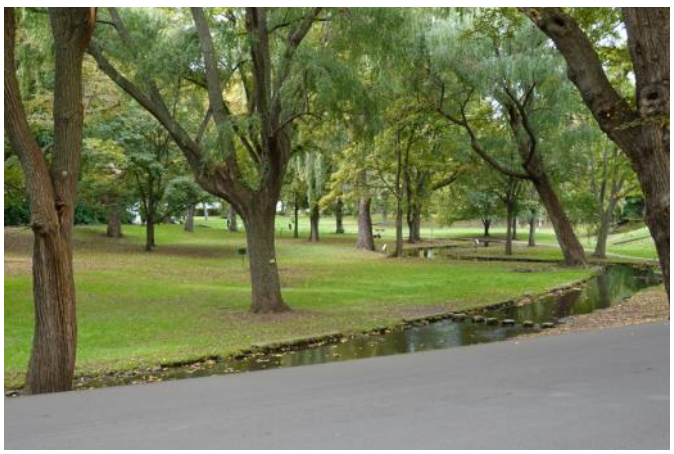
The meeting covered wide aspects of crustacean biology and physiology from molecular level to the phenotype, behavior and environmental reflections.

One of the key highlights of the meeting was the successful implementation of a real-time translation system. The system employed POCKETALK devices developed by Sentio Inc., enabling simultaneous translation between Japanese and English during oral presentations and discussions using the cellular phones of the participants. This innovative approach represented a significant breakthrough in overcoming language barriers and greatly promoted inclusive scientific exchange among participants from non-English-speaking regions.

Importantly, the meeting also strongly emphasized outreach and inclusivity. A total of 30 young and citizen scientists—including high school students and local amateur researchers—actively participated as speakers and attendees. Their involvement enriched the discussions and highlighted the importance of bridging academic research and citizen science communities.

The TCS Best Presentation Awards were presented to S. A. Shaked and S. Ham, recognizing their outstanding contributions. The meeting concluded with lively discussions, networking events, and a successful field trip to experience the local freshwater ecosystems of Hokkaido. This Asian regional meeting provided a successful model for future TCS regional meetings to be organized in different parts of the world, complementing the summer and SICB meetings. Regional meetings can help to promote the Society (TCS) among regional carcinologists and enhance membership

— submitted by Tadashi Kawai (Hokkaido Research Organization, Japan),
Amir Sagi (Ben-Gurion University of the Negev, Israel),
Benny K.K. Chan (Biodiversity Research Center, Academia Sinica, Taiwan)



Left: The conference hall at Hokkaido University. Right: The beautiful campus of Hokkaido University in summer

Hot off the press & Announcements

CRUST-L NEEDS YOU

Jeff has been expertly managing CRUST-L for 35 years and is ready to hand it over. We are now looking for someone to take on the moderation and possibly ownership of the CRUST-L list. The new moderator/list owner should be in a permanent position and have IT resources capable of trouble-shooting or maintaining the list through time.

Please respond to jeff@vims.edu

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

CRUST-L@VIMS.EDU is the email listserver for those interested in Crustacea. CRUST-L is an unmoderated open list, but you have to be a member to post messages to it. It has around 850 members! You can subscribe or unsubscribe to the list by following the links below. Use CRUST-L@VIMS.EDU to post messages to CRUST-L. The sympa software includes several features such as searchable archives, and a digest mode for intermittent mailings. If you have trouble with your subscription or settings, send a help request to jeff@vims.edu.

How to subscribe to list: https://lists.vims.edu/wws/help/user#subscribe

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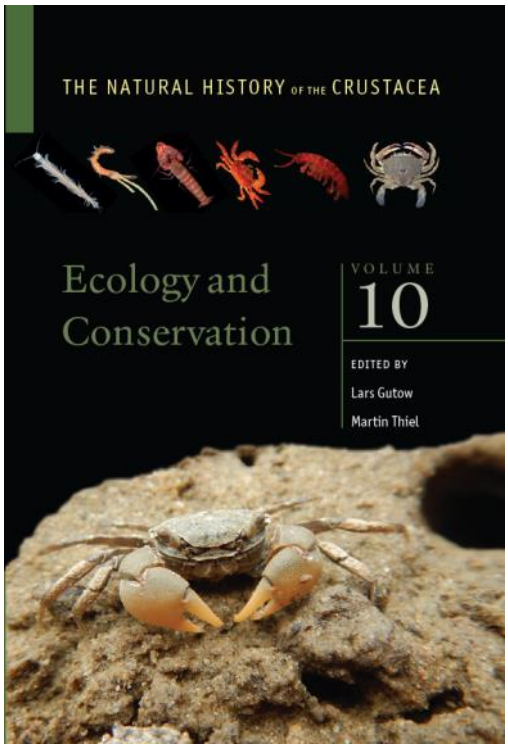
2026 Ontogeny of Crustaceans course

In 2026, we will once again offer the postgraduate course “Ontogeny of Crustaceans”, now in its tenth edition!

The course will take place entirely at Laguna Mar Chiquita, the most well-known carcinological site in Argentina. Students and instructors will work in the field and in a laboratory set up on site, discuss theory, and live together for the 8 days of the course - sharing experiences, conversations, and great meals. This time, accommodation costs will be covered for all students. The course is organized by Dr. Claudia C. Bas and Dr. Tomás A. Luppi, from the Instituto de Investigaciones Marinas y Costeras (IIMyC), UNMdP-CONICET (Mar del Plata, Argentina).

The course will be held from 21 to 28 February 2026.

For more information, please contact: taluppi@mdp.edu.ar or visit the website here.



The Natural History of the Crustacea

Ecology and Conservation Volume 10

Edited by Martin Thiel and Lars Gutow

The Crustacea is one of the dominant invertebrate groups, displaying a staggering diversity in form and function, and spanning the full spectrum of Earth's environments. Crustaceans are increasingly used as model organisms in all fields of biology, as few other taxa exhibit such a variety of body shapes and adaptations to particular habitats and environmental conditions.

In the tenth and final volume of "The Natural History of the Crustacea" series, *Ecology and Conservation* emphasizes that understanding the ecological roles of crustaceans is fundamental to achieve their conservation in aquatic and terrestrial ecosystems. Written by internationally recognized experts studying a wide range of crustacean taxa and topics, this volume synthesizes current research in a format that is accessible to a wide scientific audience.

528 pp. Available in hard cover and eBook, follow link.

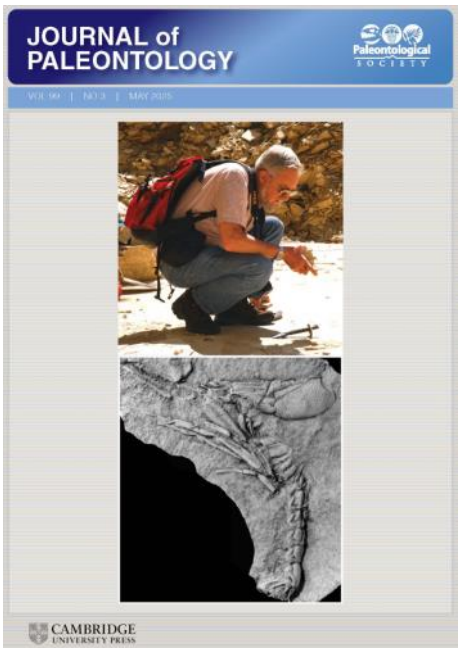
Published by Oxford University Press, see here for access to the full series of The Natural History of the Crustacea.

Special volume of the Journal of Paleontology honouring Dr. Rodney Feldman

A special volume in the Journal of Paleontology honours the late Dr. Rodney Feldmann. Many of the 20 articles are open access and include 3 memorials and 17 scientific articles, mostly on fossil decapods but also other arthropod groups. This special volume was started about two years ago but unfortunately, Rod was not able to see the final product, but he was aware of the initiative. Many thanks to all the people who contributed to this special volume, whether it be as an editor, author, and/or reviewer.

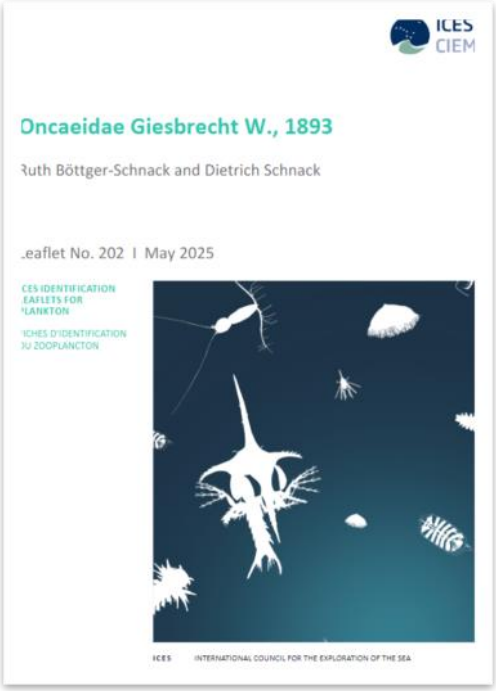
Full volume here

On behalf of the guest editors Adiel Klompmaker, Schweitzer, Carrie, Ovidiu Daniel and Loren Babcock.



New ICES Plankton Leaflet on Oncaeidae (Copepoda)

The family Oncaeidae includes the smallest pelagic copepod species known. They are widely distributed in all parts of the world ocean but are very often not quantitatively collected in routine plankton surveys, owing to their small size. The life strategy of oncaeids differs from other marine pelagic copepods by a more pseudopelagic lifestyle, often being associated with gelatinous organisms. Many open questions remain with respect to their taxonomy and biology. A comprehensive review on the state of knowledge about Oncaeidae has been published by Böttger-Schnack and Schnack (2023). The family comprises, at present, 7 genera and 114 valid species, and many more await description. The present leaflet for Oncaeidae in the North Atlantic and Mediterranean Sea is new in this series and includes a replacement of leaflets nos. 169–171 for the genus *Oncaea*. In total, 70 species are considered for the ICES area. Besides general information on Oncaeidae and recommendations for dissection and observation methods, the leaflet presents a key for the identification of the seven genera and keys for the species per genus occurring in the ICES area. These keys are restricted to females.



Böttger-Schnack, Ruth and Schnack, Dietrich. 2025. Oncaeidae Giesbrecht W., 1893. ICES Identification Leaflets for Plankton No. 202. 29 pp. http://doi.org/10.17895/ices.pub.28955810

Call for Expressions of Interest: Crustacean Genomics Project

In light of the **Earth BioGenome Project** (EBP) recently announcing the launch of Phase II, with its ambitious goal to sequence 150,000 species in the next four years, there is growing momentum to coordinate genomic work across major branches of the tree of life. While a number of taxon-focused initiatives are already active under the EBP umbrella, and many EBP-affiliated genome projects feature crustaceans on their target lists (e.g., the Darwin Tree of Life Project, the Marine Genomes Atlas, ATLASea, and the Crab Genome Project, targeting 11 species), a coordinated effort across**Crustacea** has yet to emerge, despite the group's extraordinary evolutionary, ecological, and economic importance.

Historically, many crustacean genomes have proven challenging to sequence and assemble due to their often -large size and high repeat content. However, rapid advances in long-read sequencing and chromatin-capture technologies are now overcoming these barriers, and recent successes across several crustacean orders demonstrate that high-quality crustacean genomes are increasingly achievable.

We are therefore seeking to gauge interest in establishing a **Crustacean Genomics Project**, with the initial aim of forming a **Crustacean Genome Consortium** to promote collaboration, resource coordination, and strategic genome sampling across crustacean lineages. This initiative would help ensure that crustaceans are well represented in the next phase of global genome sequencing, avoid duplication of sequencing activities, and provide a framework for communication and cooperation among researchers working on crustacean genomics.

Researchers interested in contributing, collaborating, or discussing potential directions for this initiative are warmly invited to get in touch. Please contact us at crustaceangenomics@gmail.com and we can include all who express interest in early discussions.

Amanda Windsor, Heather Bracken-Grissom, Jessica Thomas Thorpe, Keith Crandall, Kevin Kocot, Martin Schwentner

Crustacean-adjacent announcements and opportunities

Call for proposals: FAPESP Young Investigator Grant on South Atlantic Ocean and Antarctic

Deadline 25 November 2024

The São Paulo Research Foundation (FAPESP) have an open call for pre-proposals for their Young Investigator Grant for the South Atlantic Ocean and Antarctic sciences (PROASA). The call is for up to five early-career researchers and is open to proposals from researchers working abroad (Brazilian or not) who wish to start a research career at a research institution located in the State of São Paulo. Check here for information.

Deadlines 1 December 2025 & 4 January 2026

Applications are now open for both the Science Communication Fellowship and the Science and Engineering Internship Program. Paid science storytelling opportunities are available for classroom and informal educators, writers, or artists to bring the excitement of discovery to your learners and home community. Paid internships are available for community college students, undergraduates, graduate students, and recent graduates in ocean science, remotely operated vehicle engineering, video systems engineering, seafloor mapping, and hydrography. Find more information here.

2026 SCOR Visiting Scholar Call

Deadline 15 December 2025

The SCOR Visiting Scholar program enlists the services of ocean scientists, from both developed countries and developing countries, to teach short courses and to provide more extended on-site education and mentorship at developing country institutions. This program is open to any scientists who have time available to spend teaching and mentoring in a developing country for ideally two weeks or more. The $2500 USD scholarships are not intended to conduct joint research, although future new collaborations are a desirable outcome of a visit.

Carlo Heip Award in Marine Biodiversity

Deadline 19 December 2025

The Carlo Heip Award in Marine Biodiversity was inaugurated in recognition of Carlo Heip's leadership in marine biodiversity research and founding of the 'World Conference of Marine Biodiversity'. Nominations for the award are now open for individuals who have demonstrated exemplary leadership in marine biodiversity science. The past Carlo Heip Award recipients are Carlos Duarte, Graham Edgar, Steve Hawkins, Pablo Penchaszadeh and Angelika Brandt. Visit this link below for more information.

PhD opportunity: Closing genomic gaps to advance deep-sea biodiversity discovery

Deadline 31 December 2025

The UWA OceanOmics Centre, in collaboration with the Minderoo–UWA Deep Sea Research Centre, is offering a PhD opportunity focused on pushing the limits of eDNA in deep-sea environments. The project will identify and fill critical gaps in reference genomic data, then use these insights to develop and validate deep-sea–specific metabarcoding primers. These tools will be applied across multiple oceanic regions to assess how improved taxonomic resolution reshapes understanding of deep-sea biodiversity, biogeographic patterns, and ecosystem structure. This position includes a top-up scholarship and is suited to an exceptional candidate ready to take on a globally relevant research challenge. To apply or receive more information, follow this link.

WCMB7 - Call for abstracts

Deadline 17 March 2026

Abstract submission for the 7th World Conference on Marine Biodiversity is open from 30 September 2025 until 17 March 2026. The conference itself will be held from 17 to 20 November 2026 in Burges, Belgium. Organisers invite submissions for oral presentations and posters related to the conference's themes and sessions. All presentations should be submitted to a session corresponding with your topic. All theme and session information is available here.

Research Papers

Please continue to share your recently published research papers (other than in JCB) that have relevance to crustacean research. If possible, include a link where the paper can be downloaded.

— Kareen Schnabel (Editor *The Ecdysiast*)

Akiyama, T. (2025) On the genus *Iphinoe* (Crustacea, Cumacea) from Japanese waters and the Sulu Sea, Philippines, with the description of two new species. *Zootaxa*, 5689(3): 549–569. 10.11646/zootaxa.5689.3.7

Bonk, F., Khodami, S., Brandt, A., Arbizu, P.M. (2025) Hadal copepods in and around: A metabarcoding Survey of meiofauna in the Aleutian trench and adjacent regions. *Progress in Oceanography*, 239: 103596. https://doi.org/10.1016/j.pocean.2025.103596

Fonseca, V. G., Davison, P. I., Creach, V., Stone, D., Bass, D., & Tidbury, H. J. (2023) The Application of eDNA for Monitoring Aquatic Non-Indigenous Species: Practical and Policy Considerations. *Diversity*, 15(5), 631. https://doi.org/10.3390/d15050631

Gellert, M., Błażewicz, M., Mamos, T., Bird, G.J. (2025) Tracking blind journey in the deep-sea: origin and evolutionary history of the Typhlotanaidae (Crustacea: Tanaidacea). *Deep Sea Research Part I: Oceanographic Research Papers*: 104608. https://doi.org/10.1016/j.dsr.2025.104608

Ishida, H., Seo, E., Iguchi, A., Nishijima, M., Ikeuchi, E., Kise, H., Suzuki, A., Tsukasaki, A., Suzumura, M. (2025) Hydrogen sulfide, hypoxia, and low salinity tolerance of deep-sea amphipods (*Pseudorchomene* sp.) collected from the sea floor off Joetsu, Sea of Japan. *Marine Pollution Bulletin*, 219: 118340. https://doi.org/10.1016/j.marpolbul.2025.118340

Kamila, G., Magdalena, B. (2025) Hidden diversity in the deep North Pacific and Atlantic: New taxa and a revised subfamilial framework of Akanthophoreidae (Crustacea: Tanaidacea). *Progress in Oceanography*: 103591. https://doi.org/10.1016/j.pocean.2025.103591

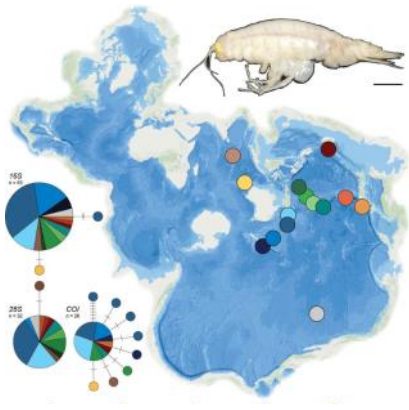
Lefort, K.J., Malayny, C.J., Pantin, J.R., Mullowney, D.R.J., Baker, K.D. (2025) A note on the northern range edge of the deep-sea red crab (*Chaceon quinquedens*). *Canadian Journal of Zoology*, 103: 1–3. 10.1139/cjz-2025-0072

Loke, H.X., Heung, B.Y.W., Li, Y.-X., Lin, Y.-T., Hosie, A.M., Wang, Z., McNamara, M., Qiu, J.-W. (2025) Integrative Phylogenetic and morphological analyses reveal two new species of porcellanid crabs and resurrect *Porcellanella picta* Stimpson, 1858 (Decapoda: Porcellanidae). *Ecology and Evolution*, 15(10): e72131. https://doi.org/10.1002/ece3.72131

Online story: Two new species of porcelain crabs discovered in Western Australia | Western Australian Museum

Lörz, A.-N., & Tandberg, A. H. S. (2025). North Atlantic Pleustidae (Crustacea, Amphipoda) with a focus on cold-water coral associations. *European Journal of Taxonomy*, *1009*(1), 1-50. https://doi.org/10.5852/ejt.2025.1009.3017

Maroni, P.J., Niyazi, Y., Jamieson, A. (2025) The supergiant amphipod *Alicella gigantea* may inhabit over half of the world's oceans. *Royal Society Open Science*, 12(5): 241635. https://doi.org/10.1098/rsos.241635



COSMOS feature: 'Supergiant' sea creature lurks in more than half the ocean

Monfardini, E., Ciaralli, L., Catalano, B., Franceschini, G., Antonini, C., Trabucco, B., Di Lorenzo, B., Finoia, M.G., Nonnis, O. (2025) A field-based framework for evaluating sustainable fishing gear in small-scale *Plesionika edwardsii* fisheries. *Frontiers in Marine Science*, 12 - 2025. https://doi.org/10.3389/fmars.2025.1656784

Ohta, M., Kojima, S., Kaiser, S., Brandt, A. (2025) High connectivity of a new *Eurycope* (Asellota: Munnopsidae) species from Japanese waters and the Bering Sea with intraspecific genetic divergence among local populations. *Progress in Oceanography*, 239: 103588. https://doi.org/10.1016/j.pocean.2025.103588

Palacios Theil, E., Desiderato, A., Mucciolo, S., Błażewicz, M. (2026) Population structure study across the North Pacific for representatives of the deep-sea family Neotanaidae (Crustacea: Peracarida) reveals cryptic species separated by depth and geographical distance. *Progress in Oceanography*, 240: 103595. https://doi.org/10.1016/j.pocean.2025.103595

Pereira, E., Roccatagliata, D., Corriale, M.J., Doti, B.L. (2025) Into the deep: diversity of valviferan isopods (Crustacea: Peracarida) from the Mar del Plata submarine canyon and adjacent area, Argentina. *Deep Sea Research Part I:*

Oceanographic Research Papers, 222: 104515. https://doi.org/10.1016/j.dsr.2025.104515

Sekiguchi, S., Kohtsuka, H., Kakui, K. (2025) First Record of the Deep-Sea Sea Spider *Bathypallenopsis californica* (Arthropoda: Pycnogonida) from the Northwestern Pacific, with a Note on an Attached Crinoid. *Zoological Science*, 42 (3): 335–341, 337. https://doi.org/10.2108/zs250004

Biology Journal (MDPI) – Special Issue: Advances in Biological Research into Shrimps, Crabs and Lobsters

This open-access collection includes 17 papers. A few highlighted topics:

- **Molecular genetics and evolution**
- **Physiological adaptations to environmental stressors**
- **Neuroendocrine control of life processes**
- **Innovations in aquaculture techniques**

Fisheries science and sensory biology Editorial: *From Genes to Fisheries: A Synthesis of Current Research in Crustacean Biology and Management Yafei Duan et al.* Read the editorial and access the full issue

On another note…

And we have a winner! Check out the beautiful amphipods ('lady bugs of the sea') that earnt Yury Ivanov the Ocean Photographer of the Year 2025 award

20 mind-blowing images from Ocean Photographer of the Year 2025 | Discover Wildlife

Why does evolution keep creating 'imposter crabs'?

We knew it all along that crustaceans are the pinnacle of evolution! Have a bit of fun with this BBC article: **Viral social media memes being shared by millions of users gleefully declare that humanity's final evolutionary destination is not robots nor extinction - but crabs.** See article by Bea Swallow here.

But also see Joanna Wolfe's response here.

Join/Renew The Crustacean Society!

Membership ID # _____

Name (Firrst, Last) _____

Affiliation _____

Mailing address for Society communications (Please condense to no more than 3 lines, 40 characters per line, maximum)

_____

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_____

Phone: (include area code) _____ FAX: (include area code) _____

E-mail address: _____

Type of membership and annual dues for 2023

Membership year is January 1 – December 31

- ☐ Student Member* ..... $ 35
- ☐ Member (Online Journal) ..... $ 100
- ☐ Patron Member (Online Journal and subsidize at least one [student] member) ..... $ 195
- ☐ Denton Belk Memorial Endowed Fund Contribution ..... $ _____
- ☐ Student Scholarship Awards Contribution ..... $ _____
- ☐ Voluntary assessment to support TCS activities ..... $ _____

* Individuals claiming student rates are asked to provide your mentor's name. Mentor does not have to be a member.

Mentor Name _____

Mentor Email _____

Payment Info

☐ Personal check

☐ Visa ☐ MasterCard ☐ American Express ☐ Discover

Card # _____

Exp. Date: _____ CV2# _____

Cardholder Name: _____

Signature: _____

Cardholder Billing Address: _____

City: _____

State: _____ Zip: _____

Cardholder Phone: _____

Email (for receipt): _____

Send completed application form and payment in U.S. dollars to:

950 Herndon Parkway, Suite 450
Herndon, VA 20170

Phone: 703-790-1745; Fax: 703-790-2672
TCS@burkinc.com

For questions regarding membership contact awride-graney@burkinc.com

Federal Tax ID: 52-1173036

Or register online at http://thecrustaceansociety.org/ here.