



The Ecdysiast

The Newsletter of The Crustacean Society

Message from the President...

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Dear TCS-colleagues,

2024 is flying by. It seems like just yesterday so many of us were gathered in Taipei to share our research. And by the time you read this, o Congresso Brasileiro sobre Crustáceos, in Uberlândia, Brasil will have wrapped up. I remain in awe of all great research presented and the camaraderie and mentorship shared between researchers and students alike.



Now we must look forward to 2025! And starting the year off right away is the annual SICB meeting, 3–7 January, Atlanta, GA. And remember, it's never too early to start thinking about organizing a symposium for SICB 2027. Also open now is early registration for the TCS Summer Meeting 7–10 July at Sorbonne University in Paris, France. Make your plans now for what will no doubt be a fantastic summer meeting! And don't forget to apply for TCS student travel grants in the spring. Finally, the International Congress on Invertebrate Reproduction and Development is being hosted by past TCS President Chris Tudge, 2–6 June 2025 in Washington, DC. TCS members will get discounted registration rates, and we are providing further support for TCS student members attending ICIRD.

The Journal of Crustacean Biology continues to publish top notch articles. A recent meeting with Oxford University Press showed that JCB is outperforming similar journals on several metrics. Let's keep up the good work! There will be one small change coming to JCB article availability in front of the paywall in 2025. Invited articles will be moved behind the paywall six months after publication. This is happening as Oxford University Press aligns its stable of journals with the COUNTER 5.1 Code of Practice. TCS members and subscribing institutions will still have access to all articles. Open access articles will remain available to all readers.

















































































































































































































































































































































































































































TCS is poised for a great 2025, so don't forget to renew your membership before December 31st! While you're renewing your membership, why don't you invite a crustacean-minded friend to join too?

Amanda Windsor — President, The Crustacean Society



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!



The Crustacean Society Board Members, 2024

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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:

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Treasurer's Report for November 2024

As of October 2024, TCS had 336 renewed members (219 Regular members, 8 Financial hardship members, 4 Amateur members, 26 Patron members, and 79 Student or Postdoc members). Our numbers are up by 30 members overall from the same time last year (306 total members in 2023). Please keep up the great work in promoting the society! With this in mind, TCS Scholarship and Grant Opportunities will be due in March 2025 (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!

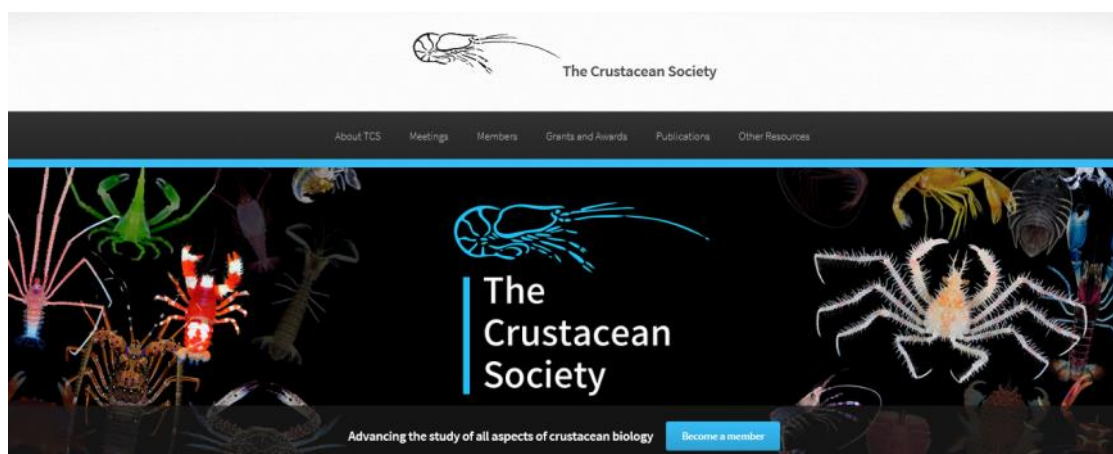
The Executive Committee of TCS (President Amanda Windsor, President-Elect William Santana, Treasurer Jason Williams, Secretary Javier Luque, and Program Officer Emma Palacios Theil) voted to maintain TCS membership dues at the present rates for 2025 (and will likely do so for 2026), reflecting the fact that the current contract for JCB with Oxford University Press (OUP) will be up in 2026 and will need to be renegotiated. The Executive Committee approved two new JCB subscription categories (Lifetime Membership and 20 Year Membership); we realize that these are not an option for many individuals but other societies offer such categories and some individuals may have funds for such expenses. Finally, OUP inquired whether the society would consider converting JCB to a fully open access journal. However, the Article Processing Charge (APC) costs to members for doing so would be prohibitively expensive and the Executive Committee voted to maintain the journal as currently run, with members having the benefit of 12 free pages. This can be revisited when OUP provides their prospectus for the next five-year contract; we are currently in this process and will report back to members when completed. Finally, the Executive Committee is considering providing financial support (\$500-1000) towards the Fifteenth International Congress on Invertebrate Reproduction and Development (ICIRD-2025), June 2 – 6, 2025 in Washington, DC (chair of the organizing committee is Past TCS President Christopher Tudge). This meeting will likely have at least two crustacean related symposia plus others that will include crustacean focused talks.

We are working on finalizing the 2025 proposed budget. Based on current memberships and estimates of expenses, we are presently projecting a small surplus. Our Schwab accounts total approximately \$861K and our MainStreet Bank account is at approximately \$38K.

Be aware of PHISHING scams: no TCS Executive Committee would ever request money from our members! If you receive a suspicious email along these lines, please let me know of the issue (jason.d.williams@hofstra.edu) and flag it as SPAM. Unfortunately, these scams are getting more savvy (specific details mined from the web) with the use of AI.

Respectfully submitted,

Jason Williams — TCS Treasurer





Journal of Crustacean Biology

2024 INTERIM PROGRESS REPORT

The July-September 2024 issue, consisting of 22 articles (vs. 19 in July-September 2023), was published on time. As of 19 November, the new October-December 2024 issue contains eight published articles; five additional submissions have been accepted for the issue, with proofs ready in most cases. Thirteen other submissions have been approved for publication and await revisions by the authors, sixteen are in peer-review.

The last issue of the year 2024 will be published as Volume 44, Issue 4 in December 2024 (<https://academic.oup.com/jcb/issue/44/4>). The cover features a beautiful image of *Ibacus novemdentatus* Gibbes, 1850 that is linked to a behavioral study presented by Riku Ueda and Kaori Wakabayashi. Take a look at the interesting range of carcinological research on display.

Peter (Pedro) Castro

Editor-in-Chief, *Journal of Crustacean Biology*

Consider publishing in the JCB, remember that page charges (for the first 12 pages of the typeset article) are waived for TCS members.





The Social Media Corner

Dear Crustacean Society Members,

First of all, I would like to thank you all for your continued support of our social media channels. Your likes, comments, and shares help us spread the word about our latest crustacean updates. Thanks to your engagement, our community continues to grow across platforms! Below, you will find some of our recent social media developments.

Exciting Growth Updates:

I'm excited to share that our Facebook community has hit a major milestone with 1,006 followers! It's wonderful to see so many people connecting with our crustacean society. Over on X (formerly Twitter), we have grown to 842 followers, and our Instagram family now boasts 638 followers. Our next big goal is to reach 1,000 followers on each of our social media channels!



Top-Performing Post:

Our most successful post recently was promoting a PhD position at the University of Bristol in the UK for a project on the "Population Biology of Coconut Crabs." This post generated over 1,010 impressions on X and resulted in 17 direct link clicks from individuals potentially interested in the position. A big win for spreading important opportunities within the community!



Share Your Crustacean Moments:

We love highlighting your crustacean-related events, whether they're big or small. If you have something to share or come across an event that could benefit other members, we'd love to hear about it! We also enjoy showcasing your stunning crustacean photos. If you'd like to see any of your photos featured in our posts, feel free to send them our way. You can always reach us at thecrustaceansociety@gmail.com.

If you haven't already, don't forget to like, share, and follow us on social media! You can find us at:

[@TheCrustaceanSociety](#) on Facebook

[@CrustaceanSoci](#) on Twitter

[@thecrustaceansociety](#) on Instagram)

Warm Regards,

Karlotta Kürzel — TCS Social Media Coordinator

LIKE

SHARE

TWEET

PhD Position
University of Bristol, Bristol, UK

The University of Bristol is seeking a motivated PhD student for their project "Population Biology of Coconut Crabs."

Please Read the Caption to Find Out More!

Please help us by sharing our social media content!



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). 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.palaciostheid@biol.uni.lodz.pl



In Memoriam

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

Prof. Hans Laufer
(October 18, 1929 – August 17, 2024)

It is with great sadness that we report the passing of Prof. Hans Laufer. Hans was Professor Emeritus in the Department of Molecular & Cell Biology at the University of Connecticut since his retirement in 1997.

Hans had completed his PhD at Cornell University, his Postdoctoral studies at Johns Hopkins University, Baltimore, and then became a member of the Department of Molecular and Cell Biology at the UConn Storrs campus. During the summer months Hans conducted research as a Visiting Investigator at the Marine Biological Laboratory in Woods Hole.

Hans's main interests include gene regulation during development and reproduction; hormonal and molecular interactions; and comparative endocrinology of invertebrates, particularly hormones affecting reproduction, morphogenesis and metamorphosis. He was particularly interested in elucidating the signal transduction pathways involved in the regulation of reproductive and developmental events of crustacea and how environmental endocrine disrupting compounds interact with the normal pathways and their hormonal receptors.



He was a member of the Connecticut Academy of Science and Engineering, a Fellow of the American Association for the Advancement of Science and Elected Fellow of the Royal Entomology Society of London. In 2010 was awarded an Honorary Membership of the International Society for Invertebrate Reproduction and Development, where he served as president and was a member since 1978, and editor of the society journal of Invertebrate Reproduction and Development since 1998.

Hans was born in Silesia, Germany. In 1939, after Kristallnacht, he and his family immigrated to the United States. Hans gave several presentations on his experience during this time. He was married to Evelyn Green until her death in 2001. They had three children Jessica, Marc, and Leonard, and six grandchildren.

Amir's caption to this image: "I had the privilege to visit him in May, a precious memory from our last meeting."

More about Hans and his family can be found on these websites

<https://tbewellesley.org/hans-laufer/> and

http://www.isird.org/members/Laufer_honorary_ISIRD_member.pdf

— Amir Sagi



Special Issue: Christoph D. Schubart Memorial Issue

We would like to share with you the news that the special issue dedicated to our dear colleague and friend Christoph Schubart has now been published, finally with all articles as open access, on the CRUSTACEANA website. Please, find all the articles [here](#).

We invite you to read the dedication and the preface at the beginning of the volume. The occasion is sad, and we would have rather liked to celebrate this volume together with Christoph, but in our sadness we feel very pleased how the crustacean community has come together to honor Christoph's legacy.

We are grateful to Carel von Vaupel Klein and his editorial team, and specially to Charles Fransen and Peter Ng, for inviting us to prepare this special issue and for accompanying and encouraging us throughout the process.

Finally, we would like to express our gratitude to the contributors and especially to the reviewers who all worked rapidly and rigorously and thereby helped to ensure the high quality of the articles in this special issue, and we hope that you will enjoy reading the contributions.

Best wishes, Jose, Ingo and Martin

Jose A. Cuesta, Sevilla, Spain

Ingo Wehrtmann, San Jose, Costa Rica

Martin Thiel, Edgewater, USA



Fig. 1. Christoph examining specimens in the Laboratory at the University of Louisiana at Lafayette, 1999. [Photo provided by Jose A. Cuesta.]



Upcoming TCS meetings



3–7 January 2025: SICB annual meeting, Atlanta, GA, USA

Conference information can be found [here](#).



2–6 June 2025: Fifteenth International Congress on Invertebrate Reproduction and Development (ICIRD-2025)

Washington DC

Conference information can be found [here](#).



7–10 July 2025: TCS mid-year meeting

Paris, France

Conference information can be found [here](#) (and page [14](#)).

There is also a Twitter account: <https://x.com/TCS2025Paris> (@TCS2025Paris) and a Facebook group: https://www.facebook.com/groups/859488646175744?locale=fr_FR for you to follow news and updates.



SICB 2026: Portland, OR, 3-7 January

SICB 2027: Pittsburgh, PA, 3-7 January

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



Reminiscing of past meetings

Confusing Crustaceans workshop summary:

From July 31 - August 14, 2024 peracarid enthusiasts from 10 countries convened at the Smithsonian Tropical Research Institute in Bocas del Toro, Panama, for the “Confusing Crustaceans” workshop. This immersive course focused on peracarid systematics, collection, and preservation, featuring eight experts alongside 20 eager participants. The instructors brought a wide range of expertise in various groups within the Peracarida, as well as in science communication and biodiversity data management.

Each morning, attendees collected peracarids from diverse habitats, including coral reefs, sea-grasses, mangroves, and leaf litter. In the afternoons, they sorted and identified their specimens, gaining hands-on training in peracarid morphology. Evenings were dedicated to engaging lectures and discussions, enriching participants’ understanding of peracarid systematics, specimen preservation techniques for morphology and biomolecules, and specimen photography, among other topics. A standout achievement of the workshop was the collaborative development of a local guide to marine and terrestrial peracarids in Bocas del Toro. Participants also produced short videos to bolster their online presence, promoting both their research and professional identities. A key outcome of the workshop was the strengthening of the international peracarid community, fostering connections that will encourage long-term collaboration and growth among both established and emerging biologists in this tiny but mighty field. For more information about the workshop, visit www.peracarida.org/workshops/confusing-crustaceans.

Instructors:

Dr. Magdalena Błażewicz
Dr. Lauren Hughes
Dr. Regina Wetzer
Dr. Jason Williams
Dr. Sarah Gerken
Andres Pruna
Dr. Kevin Kocot
Dr. Jørgen Olesen

Workshop attendees:

Martin Schwenter, Emma Palacios Theil, Anchita Casaubon, Anna-Chiara Barta, Caroline Haymaker, Victoria Westover, Victoria Vandersommen, Samantha Antonio, Giovanna Reis, Kamila Głuchowska, Marius Beckmann, Nasreen Peer, Pedro Peres, Shoki Shiraki, Siena McKim, Sofia Calderon, Thomas Hughes, Valéria Vale, William Farris, Dean Pentcheff





TCSERA award 2024 to Tin-Yam Chan

We would like to take the opportunity to congratulate Professor Chan on the TCS Excellence in Research Award that was awarded at the Taiwan mid-year meeting in late May. Below is an excerpt from the announcement published by the [National Taiwan Ocean University Media PR & Publishing Center](#) titled:



The first person in Taiwan! Tin-Yam Chan, Distinguished Professor of the Institute of Marine Sciences, won the highest honor in international crustacean research

He is the 33rd recipient of the Distinguished Research Award (TCSERA) from The Crustacean Society, the highest honor in the field of carcinology, establishment in 1982, and the first recipient to represent Taiwan. Professor Chan's extensive research on the taxonomy of crustaceans and the relationship between

and the origin of evolutionary crustaceans has had a significant impact on the field, and he has not only been ranked among the top 2% of the world's top scientists by Stanford University for three consecutive years, he is the No. 1 animal science and veterinary scientist in Taiwan.

Over the past 40 years, Professor Chan and his team have actively investigated and collected crustaceans from Taiwan, and have discovered at least 1,800 species so far, highlighting the importance of Taiwan in marine biodiversity research

Up to now, Professor Chan has published a total of 332 research papers, and discovered one new family, 13 new genera, 5 new subgenera, 177 new species and 2 new subspecies. His collection of research specimens and materials at the National Taiwan Ocean University is the largest and most complete collection in Taiwan, and often exchanges specimens with research institutions around the world. He has also published seven illustrated books of crustaceans in Taiwan, and with the support of the National Science and Technology Council, established the website of "Taiwan's Large Crustacean Database", which is of great significance for the study of Taiwan's marine life.

Professor Chan's research is not limited to Taiwan, but spans the wider Indo-Western Pacific. He was invited to author the shrimp and lobster section of the Food and Agriculture Organization (FAO) *Species Identification Guide for Fishery Purposes of the Western Central Pacific* and assisted in the validation of the shrimp and lobster portion of the *Species Identification Guide for Fishery Purposes* in Pakistan and Myanmar. In addition, he was invited by the International Union for Conservation of Nature (IUCN) Red List Assessment Team to conduct an assessment of the world's endangered lobster species, and was also invited to participate in WoRMS, the most authoritative database of marine biodiversity, and its global crustacean diversity database DecaNet as a taxonomic editor of marine lobsters.

Professor Chan has been collaborating with the Lee Kong Chian Museum of Natural History at the University of Singapore and the Simon F. S. Li Marine Science Laboratory, School of Life Sciences, The Chinese University of Hong Kong on the taxonomy and evolution of crustacean decapods. He is also actively involved in the International Survey of Marine Biodiversity collected by the Musée National des Natural History in Paris, France, coordinating shrimp and lobster research and exhibition promotion, and has been appointed as a Correspondant du Muséum.

Professor Chan's contributions have enabled Taiwan to take a leading position in the study of shrimp and lobster taxonomy and diversity in the world's most biodiverse Indo-Western Pacific waters, and continues to expand his research field globally.



Dr. Amanda Windsor of the U.S. Food and Drug Administration (FDA), President of The Crustacean Society (right), presents the medal to Prof. Tin-Yam Chan (left) during the 2024 TCS summer meeting in Taiwan.



Hot off the press & Announcements



After 31 years since the last time a Crustacean Society conference was held in Paris, France, The Crustacean Society (TCS) summer meeting is once again coming to Paris in July 7–10, 2025. Please visit our website [here](#) to help you plan your visit to the remarkable City of Lights.

In addition to a wide range of suggested topics and symposia, we are considering a [symposium on crustacean welfare](#) and we would like to invite you to participate.

The sessions will be decided early 2025 while revising the early bird abstracts presented for the symposium (deadline December 31st 2024).

Registration fees include admission to all conference sessions, poster area, and exhibitions, the wine and cheese welcome buffet on Sunday July 6th, the "Cocktail Dinatoire" at the Aquarium on Monday July 7th, coffee breaks, and meeting documents.

Hoping to see you in Paris next year.

A bientôt,
The 2025 TCS Summer Meeting Organizing Committee

AMPHIPODA: TOWARDS NEW PERSPECTIVES



Join us for the jubilee 20th ICA on 1–5 September 2025 in Łódź, Poland!

Deadline for the Registration and Abstract submission: **15th April 2025**

Deadline for Payment of the Registration Fee: **31st May 2025**

Michał Grabowski is heading the Organising Committee, please contact [Michał](#) for more information if you want to join the meeting.



SOSA – Senckenberg Ocean Species Alliance

Ocean Species Discoveries

We are excited to introduce a new taxonomic series, published by our project the Senckenberg Ocean Species Alliance (SOSA). This is a new, collaborative framework to accelerate high quality integrative taxonomy across all marine invertebrate phyla. Importantly, this is not about new distribution records, nor systematic revision, but pure taxonomy and trying to “clear the backlog” of species that are sitting on shelves waiting to be named.

If you work on marine invertebrate identification, you probably have samples representing undescribed marine species on your shelves. Publishing species descriptions is difficult, even when the new species is totally clear, there is still limited professional incentive to publish stand-alone species descriptions, particularly for early career researchers. Most journals, even specialist taxonomic ones, expect insights beyond descriptive work, but which quite often are simply not available.

We want to hear about species “on the shelf” that “just” need a little work to round out the description: single species descriptions that are already almost complete and/or projects where you face some bottleneck (image processing, SEM, barcode, etc). We can offer lab support and publication support as part of our funded work in SOSA to accelerate taxonomy (i.e. free of charge - yes, really).

Background and link to the application form to submit your requests: <https://sosa.senckenberg.de/en/discover/ocean-species-discoveries/>

Questions to Dr Jan Steger, SOSA lab manager: <jan.steger@senckenberg.de>



Applications now available!

2025 SCOR Visiting Scholars

Apply for funding to teach short courses and provide on-site education and mentorship in ocean sciences at developing country institutions.

Applications due 16 December 2024



Highlights from 2024 Scholar Visits

The SCOR Visiting Scholar program enlists the services of ocean scientists to teach short courses and to provide more extended on-site education and mentorship at developing country institutions. This program provides \$2,500 in scholarship funding and is open to any scientists who have time available to spend teaching and mentoring in a developing country for ideally two weeks or more. Applications should be sent to secretariat@scor-int.org.



PhD positions in Ecology and Evolution available

The Taiwan International Graduate Program, Biodiversity Program, Taipei, Taiwan

The Taiwan International Graduate Program Biodiversity Program (TIGP-BIODIV) is recruiting graduate students for Fall 2025. The application deadline is February 1, 2025.

TIGP-BIODIV is composed of >60 faculty from Academia Sinica, National Taiwan Normal University, and Tunghai University whose research spans diverse topics across ecology, biogeography, evolutionary genetics and genomics, marine biology, and systematics. In addition to modern lab facilities, researchers have access to a marine research station at Green Island, the Biodiversity Research Museum, and a next generation genomics core facility.

Potential students are encouraged to explore the research underway at TIGP- BIODIV and contact individual faculty mentors about opportunities in their group, see **Faculty List:** <https://tigp-biodiv.biodiv.tw/index.php/faculty/>

Successful applicants receive graduate fellowships for at least 3 years, if program requirements are met. During the first year in the program, graduate students can choose rotations among all TIGP-BIODIV laboratories. All courses are offered in English. For additional details, please visit our website: <https://tigp-biodiv.biodiv.tw/>

Academia Sinica and National Taiwan Normal University are located in Taipei, Taiwan. Tunghai University is located in Taichung, a big city in the middle of Taiwan. Both Taipei and Taichung are vibrant, global cities, rich in cultural and near to both oceans and mountains for both research and pleasure.

For all enquiries, please contact:

Email: tigpbiodiv@gate.sinica.edu.tw

TIGP BIODIVERSITY Program

Biodiversity Research Center, Academia Sinica

A request from our colleague Michel Hendrickx

Looking for Lophogastrida and Mysida

In recent years we have been working on Lophogastrida and Mysida species from western Mexico with special interest in examining material of additional species from the East Pacific Region. In some cases, we are aware of large numbers of mysids being available in some institutions in the area. In case some of these specimens are available for donation, we would be very grateful if you could contact me at my e mail (michel@ola.icmyl.unam.mx) in order to agree on an easy way to get this material to us. Lophogastrids (others than Gnathophausiidae) are also of interest.

Thank you.

Michel E. Hendrickx

Senior Scientist

UNAM-Mexico



MBARI

Monterey Bay Aquarium Research Institute

MBARI Postdoctoral Fellowships

Deadline 2 December 2024

Applications for the on-site postdoctoral fellowship program at the Monterey Bay Aquarium Research Institute (MBARI) are currently being accepted. Postdoctoral Fellows conduct independent research in association with one or more mentors to advance their training and career development while bringing new perspectives and skills to collaborations within MBARI. Applicants should connect with potential research sponsors at MBARI for guidance on project feasibility, relevance to ongoing research projects, resource availability, and expected start date.

[Learn more and apply >>](#)

2025 DeSSC New User Program



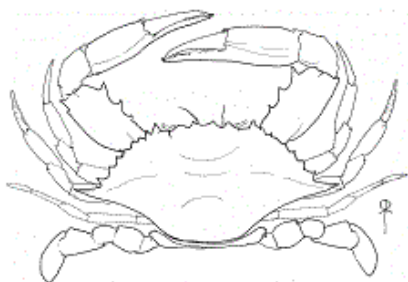
Deadline 6 December 2024

Postdoctoral researchers and early to mid-career faculty based in the United States are invited to participate in a specialised workshop to facilitate their development of federally-funded research programs utilising deep-submergence assets. This 2.5-day workshop will take place at the Woods Hole Oceanographic Institution from 11 February 2025. Applications for financial support will be accepted until 6 December 2024.

(Although applications are welcome from the international community, travel support funds can only be authorized for applicants from US institutions)

[Learn more and apply >>](#)

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>

How to unsubscribe from list: <https://lists.vims.edu/wws/help/user#unsubscribe>



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*)

Thank you to everyone who has submitted their research to the Frontiers in Marine Science Research Topic “[Advances in crustacean research from the 10th International Crustacean Congress](#)”.

You might also be interested in the studies published in other FMarS Research Topics “[Ecology of Marine Zooplankton and Micronekton in Polar and Sub-Polar Areas](#)” and “[Antarctic Krill and Interactions in the East Antarctic Ecosystem](#)”

Baldrighi, E.; Bang, H.W.; Fast, J.; Baguley, J.G. (2024). Deep-Sea Benthic Response to the Deepwater Horizon Oil Spill: Harpacticoid Families as Sentinels of Impact Through Space and Time. *Integrative and Comparative Biology* 64(3): 867-881. <http://dx.doi.org/10.1093/icb/icae064>

Casaubon, A.; Riehl, T. (2024). Shape matters: investigating the utility of geometric morphometric techniques in the deep-sea isopod family Macrostylidae (Isopoda: Asellota). *Frontiers in Marine Science* 11. <http://dx.doi.org/10.3389/fmars.2024.1380594>

Isma, L.M., Golightly, C.G., Bracken-Grissom, H.D. (2024) Under the Sea: Investigation of Telson Morphology and Cryptic Diversity within *Eucopeia sculpticauda*, a Deep-Sea Lophogastrid from the Gulf of Mexico (Peracarida: Lophogastrida). *Integrative and Comparative Biology*, 64(4): 1154-1161. <http://dx.doi.org/10.1093/icb/icae141>

Manno, C.; Corsi, I.; Rowlands, E.; Bergami, E. (2024). Plastics counteract the ability of Antarctic krill to promote the blue carbon pathway in the deep ocean. *Marine Pollution Bulletin* 209: 117238. <http://dx.doi.org/https://doi.org/10.1016/j.marpolbul.2024.117238>

Ortiz, M.; Winfield, I.; Cházaro-Olvera, S. (2024). A new deep-sea species of genus *Bathypisella* (Crustacea: Peracarida: Amphipoda) from bathyal soft bottoms, south-western Gulf of Mexico. *Journal of Natural History* 58(37-40): 1461-1472. <http://dx.doi.org/10.1080/00222933.2024.2385136>

Peoples, L.M.; Gerringer, M.E.; Weston, J.N.J.; León-Zayas, R.; Sekarore, A.; Sheehan, G.; Church, M.J.; Michel, A.P.M.; Soule, S.A.; Shank, T.M. (2024). A deep-sea isopod that consumes *Sargassum* from the ocean's surface. *Proceedings of the Royal Society B: Biological Sciences* 291(2030): 20240823. <http://dx.doi.org/doi:10.1098/rspb.2024.0823>

Ross, S. W. 2024. An Aggregation of the Pandalid Shrimp, *Heterocarpus ensifer*, on Deep Reef Habitats of the West Florida Slope, Eastern Gulf of Mexico. *Gulf and Caribbean Research* 35 (1): 35-42. <https://doi.org/10.18785/gcr.3501.12>

Carpio-Díaz, Y. M.; López-Orozco, C. M.; Borja-Arrieta, R.; Gutierrez-Estrada, M.; Campos-Filho, I. S.; Sfenthourakis, S.; et al. (2023) The genus *Ctenorillo* Verhoeff, 1942 (Oniscidea, Armadillidae) from Colombia: new records, new species, and conservation comments. *Tropical Zoology*, 36(3-4). <https://doi.org/10.4081/tz.2023.141>.

Wittmann, K.J. (2024) Mysidae (Crustacea: Mysida) from sponges in sublittoral waters of Lizard Island (Indo-Pacific: Coral Sea), with description of *Heteromysis kaufersteinae* sp. nov., first record of *H. domusmaris* from nature, and range extension in *Anchialina lobata*. *Crustacean Research*, 53: 97-111. http://dx.doi.org/10.18353/crustacea.53.0_97

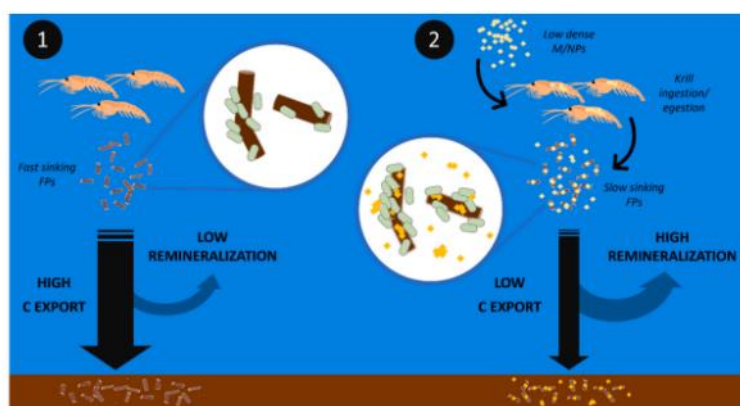


Fig. 3. Schematic of the Krill FPs carbon pump and the effect of plastic on Krill FP carbon export highlighting the interaction with Krill Faecal Pellets and nanoplastics: 1-nanoplastics are not present in seawater, 2- nanoplastics are present in both seawater and FPs. Yellow square: nanoplastics, light green cylinder: bacterial. (For interpretation of the references to colour in this figure legend, the reader is referred to the web version of this article.)



Join/Renew

The Crustacean Society!

Membership ID # _____

Name (First, Last) _____

Affiliation _____

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

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

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