

# PSAMMONALIA

The Newsletter of the  
**International Association of Meiobenthologists**

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“What, and no one’s in the pool?”

**DON'T FORGET TO RENEW YOUR MEMBERSHIP IN IAM!  
THE APPLICATION CAN BE FOUND AT THE END OF THIS ISSUE OR AT:  
<http://www.meiofauna.org/appform.html>**

**The International Association of Meiobenthologists**  
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Monika Bright <i>(term expires 2013)</i>	Dept. of Marine Biology, University of Vienna, Vienna, A-1090, Austria [monika.bright@univie.ac.at]
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Kevin Carman <i>(term expires 2010)</i>	Dept. of Biology, A103 Life Sciences, Louisiana State University, Baton Rouge LA 70803 USA [zocarm@lsu.edu]
Emil Olafsson <i>(term expires 2010)</i>	Menntun Consultoría, c/Cava Alta 9, 2°C, Madrid 28005 Spain [emilolafsson@menntun.org]

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(Open)	

**Webmaster**

Jeffrey Baguley	University of Nevada, Reno, Department of Biology, Mailstop 314, Reno, NV 89557 [jeffbaguley@gmail.com]
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## Editorial

Bom dia!

First of all I should apologize for the very long delay of this number. Wondering about a reason to this delay I was first drove to my many tasks – “over-work” – but now I think that the responsibility of making a good first edition of Psammonalia, together with the request of the Executive Committee during Thirimco to present new ways to “reanimate” IAM, had both frozen my aptness to finish this 150<sup>th</sup> edition. In fact I have no “magic” solution but only some thoughts of what we all can try. My first reflection is that a healthy Association is the result of proactive members and I feel that much could be done simply by sending information to include on each newsletter. Looking behind, I felt that during the Conference apart from debating throughout presentations we also exchange information during extra-time about on-going Projects, student training opportunities/courses, occurrences of known (or unknown) taxa and several other activities that clearly increases our networking. Maybe if we put some more effort to regularly exchange this “back-stage” information through the newsletter we could increase interactions among members and hence inject some new blood in IAM. I am thus encouraging members to send news of their activities that could be worth for the others.

Cheers,  
Paulo

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## Next Conference

It has been >20 yrs. since IAM met in Ghent, Belgium for the Conference and it was decided by the membership that our return is long overdue. The next International Meiofauna Conference, fourteenth in the long list, will be held in Ghent during summer 2010.

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## Incoming “Meiobenthology”

News from Prof. Olaf Giere:

“This is just to let you and the Association of Meiobenthologists know, that I have sent the complete new text and figures etc. of the second edition of my book "Meiobenthology" to the publisher, Springer-Verlag. The new volume will be clearly more comprehensive, both more pages and figures, but more importantly, also more chapters. There are for example new chapters on the meiobenthos of polar areas incl. sea ice, on meiofauna around hydrothermal vents, on mangroves or on the impact of heavy metals and pesticides. Completely new are also 41 "Boxes" which either summarize the contents of a chapter or highlight particular aspects, such as the discussion about the latitudinal gradient in meiobenthos. These boxes are kept in a more 'non-academic' style in order to catch the interest of the reader. All the figures are computer-redone, additional ones have been designed. I tried to be as actual as possible including also some 2008-publications. The reference list of > 1900 citations is meant to give a

comprehensive account on the more generally relevant meiofauna literature, old and recent, American and Russian and Brazilian. Well, I did my best, but couldn't have done it without the help of many, many fellow meiobenthologists who supported me, not only with literature and other facts, but often, and sometimes more importantly, with encouragement and good wishes. Special thanks go to Bob Higgins and Bruce Coull! If Springer now manages to do their job well and publish this, as promised, still in 2008, and if the price stays reasonable, I would be happy.'

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## New Members

Lilia Pereira de Souza Santos  
Federal University of Pernambuco  
R. Guedes Pereira 114/801  
Parnamirim  
Recife, Brazil 52.060-150  
55-81-3268-3999  
Email: [lpss@ufpe.br](mailto:lpss@ufpe.br)

Lilia completed her Ph.D. with Jacques Castel in France and has been working with copepods ever since. Currently she is in the Oceanography Department at the University Federal de Pernambuco in Recife, Brazil studying copepod physiology and their use in aquaculture and toxicology.

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Dr. Suharti M. Natsir,  
Research Center for Oceanography,  
JI Inerbang III no. 87 Rt. 002/03.kel.  
Tengah, Jakarta, 13540 Indonesia  
email: [suhartinatsir@yahoo.com](mailto:suhartinatsir@yahoo.com)

Suharti has been working with Foraminifera since her graduation. She has completed her Ph.D. at Brawijaya University (Indonesia) end 2007 and her studies with benthic foraminiferans are being conducted at the Indonesian Institute for Science (LIPI) – Research Center for Oceanography.

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Ian King,  
Department of Nematology,  
Boyce Hall,  
UC, Riverside, CA 92521

My research interests include the ecology and systematics of free-living marine nematodes. I am interested in the potential use of nematodes as bioindicators and in biomonitoring. In previous research projects, I have studied free-living nematode populations downstream from a pulp-and-paper mill and populations in clearcut forests. Originally from Newfoundland, Canada, I am now a Ph.D. candidate in the Departments of Nematology and Biology at the University of California, Riverside, USA. My Ph.D. research focuses on nematode faunal responses to a wetland estuary restoration programme in coastal southern California.

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## Help Please

I am a Marine biology student at the University of San Carlos in the Philippines. My partner and I are studying meiofaunal colonization. I found out that you too are working on meiofauna. I would like to ask if anyone could share any reprints or pdf files of

their work that we may use as a reference.

Katherine Grace Calayag  
Biology Department  
University of San Carlos  
Nasipit Talamban Cebu City,  
Philippines

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## New Books

### *An annotated checklist and keys to the species of Copepoda Harpacticoida (Crustacea)*

By John B. J. Wells

2007. *Zootaxa* 1568: 1-872.

Abstract: "A checklist of the approximately 4300 species of Copepoda Harpacticoida is presented. It is prepared according to the opinions of the latest revisers and adopts the phylogenetic system of Seifried (2003). The opportunity is taken to formally propose replacement names for preoccupied taxa (p. 14). Comments are provided on other taxonomic issues. A dichotomous key to families is followed by tabular keys to species within each family."

### *Post-Embryonic Development of the Copepoda*

By Frank D. Ferrari & Hans-Uwe Dahms

2007. *Crustaceana Monographs* 8:1-256.

Summary from BRILL website:

"Crustaceans that are now called copepods have been known, not necessarily by that name, since Aristotle. Published reports of their postembryonic development, however, date only from the last 250 years. This monograph is a first attempt to gather all published information about copepod

post-embryonic development. Careful diagnoses of nauplius and copepodid allow comparisons of specific developmental stages among species. Changes from the last naupliar stage to the first copepodid stage are used to interpret the naupliar body. Body and limb patterning are discussed, and models of limb patterning are used to generate segment homologies for the protopod and both rami. Contributions of post-embryonic development to phylogenetic hypotheses are considered and suggestions for future studies are provided."

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## Important Announcement

The site of IAM is being transferred to UREno and data on members will be updated soon. We are thus requesting members to check the membership list and status on the website (<http://www.meiofauna.org/membership/index.php>) to see if information is complete and correct and get in touch with the Editor ([pjps@ufpe.br](mailto:pjps@ufpe.br)) or the Webmaster ([jeffbaguley@gmail.com](mailto:jeffbaguley@gmail.com)) if there is a conflict.

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# INTERNATIONAL ASSOCIATION OF MEIOBENTHOLOGISTS

## APPLICATION FOR MEMBERSHIP OR RENEWAL

The International Association of Meiobenthologists is a non-profit scientific society representing meiobenthologists in all aquatic disciplines. The Association is dedicated to the dissemination of information by publishing a quarterly newsletter and sponsoring a triennial International Conference. The newsletter, *Psammonalia*, is published mid-month in January and July. Membership is open to any person who actively is interested in the study of meiofauna. Annual membership dues are EU\$10 (US\$10) and payment for up to 3 years in advance is possible. New members will receive *Psammonalia* beginning with the January issue of the year joining. Additional contributions to the **Bertil Swedmark Fund**, used to support student attendance at the triennial conferences, is encouraged.

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