

PSAMMONALIA

The Newsletter of the
International Association of Meiobenthologists

Number 146, August 2006



Composed and Printed at:
Department of Marine Science
Coastal Carolina University
Conway, South Carolina 29528 USA



29 July to 3 August 2007

The International Association of Meiobenthologists
Executive Committee

Keith Walters <i>Chairperson</i>	Dept. of Marine Science, Coastal Carolina University, POB 261954, Conway, SC 29528-6054 USA [kwalt@coastal.edu]
John Lambshead <i>Past Chairperson</i>	The Natural History Museum, Department of Zoology, Cromwell Road, London SW7 5BD UK
Ann Vanreusel <i>Treasurer</i>	Lab Morphologie, Universiteit Gent, Ladengancjstraat 35, B-9000 Gent, Belgium [ann.vanreusel@UGent.be]
Robert Feller <i>Assistant Treasurer</i>	Baruch Institute for Marine Science, University of South Carolina, Columbia SC 29208 USA [feller@sc.edu]
Thais-N Corbisier <i>(term expires 2007)</i>	Universidade de Sau Paulo, Instituto Oceanografico, 191 Cidade Universiaria, Sau Paulo, 05508-900, Brazil
Antonio Todaro <i>(term expires 2007)</i>	Dipartimento di Biologia Animale, Univeristy di Modena e Reggio Emilia, Via Campi 213/d, I-41100 Modena, Italy
Kevin Carman <i>(term expires 2010)</i>	Department of Biology, A103 Life Sciences Annex, Louisiana State University, Baton Rouge LA 70803 USA
Emil Olafsson <i>(term expires 2010)</i>	Menntun Consultoría, c/Cava Alta 9, 2°C, Madrid 28005 Spain

Ex-Officio Executive Committee (Past Chairpersons)

1966-67	Robert Higgins Founding Editor	1982-83	Carlo Heip
1968-69	W. Duane Hope	1984-86	Olav Giere
1970-71	John Gray	1987-89	John Fleeger
1972-73	Wilfried Westheide	1990-92	Richard Warwick
1974-75	Bruce Coull	1993-95	Paul Montagna
1976-77	Jeanne Renaud-Mornant	1996-98	Magda Vincx
1978-79	William Hummon	1999-2001	Yoshihisa Shirayama
1980-81	Robert Higgins	2002-04	John Lambshead

Board of Correspondents

Jeffrey Baguley	University of Nevada, Reno, Department of Biology, Mailstop 314, Reno, NV 89557
Janet Gwyther	School of Ecology & Environment, Deakin University, Geelong 3217 Australia
Lara Arroyo	Menntun Consultoría Científica S.L., c/Cava Alta 9, 2°C Madrid 28005 Spain
Jyotsna Sharma	Department of Biology, University of Texas at San Antonio, 6900 North Loop 1604 West, San Antonio, TX 78249-0661

Editorial

The summer is winding down in Myrtle Beach...kids are back in school, Fall semester at the university is 3 wks old, most of the 15+ mil tourists who visit the area every year have gone home, and Ernesto, the first hurricane of the season now a tropical storm, is dropping 20+ cm of rain on our coast as I type. Seems like a fitting time to report results from our summer "Psammonalia poll" and begin planning to attend next summer's 13th International Meiofauna Conference (THIRIMCO) in Recife, Brazil.

Results from the online vote for the 13 recommendations are presented on the next pages. Many thanks to everyone who participated! Except for items 9, 10 and 12 there is a super majority in favour of each item. Those items with a majority of the votes in favour will be drafted for inclusion in the Bylaws of the society (see below Constitution Article 14). Institution of the recommendations receiving a majority of the votes in favour will begin next year, 2007, in anticipation of THIRIMCO.

Article 14. Bylaws

Bylaws to augment this Constitution may specify details and less fundamental provisions, but shall not alter the intended meaning of this Constitution, or circumvent its provisions.

Additional bylaws may be proposed in writing by any two members in good standing and shall be adopted if a majority of the members are in its favour as shown by a mail ballot.

Bylaws may be amended upon recommendation by the Council, by a majority vote of members of the Association in good standing in a mail ballot.

Speaking of triennial meetings, initial web offerings for THIRIMCO which is to be held in Recife, Brazil (photo below) the week of 29 July to 3 August, 2007 are available online. The initial dates of 5-10 August floated for the meeting proved to be unworkable, and I suspect Paulo Santos is keeping his fingers crossed that this will be the only glitch the conference experiences. Be sure to check out the website at: <http://www.ufpe.br/thirimco/>.

Cheers,
Keith



Kinda looks like Myrtle Beach...but I don't believe the restaurants are serving grits.

Society Vote

The following are the final vote tallies for the web poll on the societal recommendations listed below:

Recommendation 1. The society should communicate with its members twice per year.

FOR: 62

AGAINST: 9

Recommendation 2. Communication should be primarily by a newsletter on the society's website.

FOR: 65 AGAINST: 6

Recommendation 3. The chairperson should notify the members by e-mail when a new issue of *Psammonalia* has been posted.

FOR: 71 AGAINST: 1

Recommendation 4. Members without electronic access should receive a paper copy by mail.

FOR: 67 AGAINST: 5

Recommendation 5. After a new issue is posted, the previous issue should be archived on the web site intact.

FOR: 67 AGAINST: 5

Recommendation 6. The most recent issue and the archives should be freely accessible.

FOR: 65 AGAINST: 7

Recommendation 7. After a new issue is posted, appropriate components of the issue that it replaces should be copied to topic areas on the web site.

FOR: 61 AGAINST: 9

Recommendation 8. Citations of recent publications by members, contributed by the members, should be included in the newsletter.

FOR: 67 AGAINST: 5

Recommendation 9. The recent literature section should be omitted from the newsletter.

FOR: 13 AGAINST: 58

Recommendation 10. Membership in the society and the payment of dues should be separated from access to the newsletter.

FOR: 41 AGAINST: 30

Recommendation 11. The back issues of *Psammonalia* should be scanned and posted on the web site.

FOR: 60 AGAINST: 12

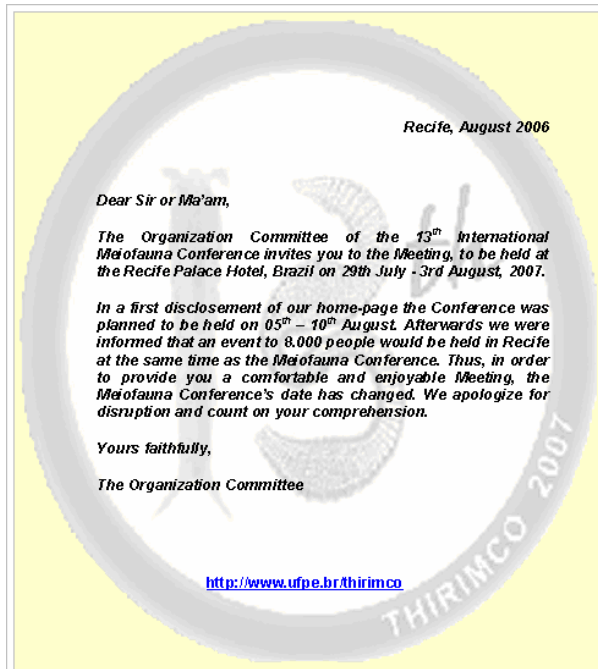
Recommendation 12. The back issues should be dismembered and relevant portions posted in appropriate topic areas on the web site.

FOR: 39 AGAINST: 30

Recommendation 13. The webmaster should be authorized to hire an assistant to do the work on the back issues.

FOR: 61 AGAINST: 8

THIRIMCO



The 13th International Meiofauna Conference will be held in Recife, Brazil the week of 29 July to 3 August, 2007. Preliminary information can be found at: <http://www.ufpe.br/thirimco/>. Luckily the organizers were able to adjust the meeting dates when it was discovered that an 8,000+ participant conference had been scheduled for the original THIRIMCO dates, potentially overwhelming local conference facilities. Please mark your calendars and consider early submission of the preliminary registration form at: www.ufpe.br/thirimco/registration.htm.

News from Meiofauna Marina

We have now finished work on the fourth volume of Meiofauna Marina. It includes papers on Foraminifera, Nematoda, Kinorhyncha, Priapulida and Copepoda. As happy as we are with

this volume, we still have to mention some concerns for the future. There are still too few subscriptions to Meiofauna Marina and too few manuscripts received. Many potential authors request an indexed journal for their publications. This is under way for Meiofauna Marina, but this process takes a few years and we are asking you for patience and support. You as an author can help to raise the quality of Meiofauna Marina to the level you wish it to have by submitting excellent papers!

For the future issues, beginning with the next volume, we will subdivide Meiofauna Marina into two sections. On part is for all publications laying within the scope of the journal, the other part will deal with special, targeted topics. Our topic for the next volume, 16 (2007) will be:

Dichotomous keys for meiofauna organisms

If you are able to present such a key for a certain taxonomic group (maybe in a particular geographical region), we specially welcome your contribution for the next issue. In order to organize contributions, please **announce your intention to write such a key prior to writing** to either of the editors:

Pedro Martinez Arbizu:
pmartinez@senckenberg.de
Andreas Schmidt-Rhaesa
a.schmidt-rhaesa@uni-bielefeld.de
M. Antonio Todaro
todaro.antonio@unimore.it

We are looking forward to your contributions!

Andreas Schmidt-Rhaesa
Pedro Martinez Arbizu
M. Antonio Todaro
Editors of Meiofauna Marina

Member News & Information

A message from Dr. Bruce C. Coull:

On June 30, 2006, I retired from my University of South Carolina positions as a full-time faculty member and Dean of the School of the Environment.

I will, however, remain at the University of South Carolina as Carolina Distinguished Professor and Dean, Emeritus. In this role I will be working with the Center for Humans and Nature of New York and Chicago, USA (<http://www.humansandnature.org>) to explore, articulate, and promote long-term social and moral responsibilities for the earth's living communities. The work will integrate historical dynamics and ongoing interactions of humans and nature.

I will no longer conduct research, nor will I direct student projects, theses or dissertations on meiofauna. If you are interested in pursuing studies related to the ecology of meiofauna, contact former students/postdoctoral researchers listed under the School of Coull on this web site (http://www.biol.sc.edu/%7Ecoull_lab/schoolofcoull_framed.htm) or examine the International Association of Meiobenthologists membership list

(<http://www.meiofauna.org/membersh.html>) for potential advisors.

I maintain an interest in all things meiofaunal and it has been a great life studying them. I hope that the next generation of researchers will learn much more about these creature friends and that the researchers have as much fun as I have had trying to understand our ubiquitous and omnipresent aquatic denizens.

Bruce C. Coull
bccoull@sc.edu

“Meiobenthology, 2nd”

For the past two months I have been busy revising and partly rewriting the 2nd edition of my book "Meiobenthology - The Microscopic Fauna of Aquatic Sediments." Springer was interested in printing a 2nd edition after the 1st sold out just two years after its appearance in 1993. Now, after my retirement I am finding the time to complete this task. I hope that Springer will accept all my ideas to freshen up the contents of the book, as well as its appearance. And of course, I hope that I get ahold of all the important new literature and do not omit any relevant work. I am afraid the rewriting will take the rest of the year so let's hope that the printing process itself won't take too long.

Should IAM members and readers of Psammonalia have any good ideas, hints or topics they found missing in the 1st edition, please, don't hesitate to notify me.

Olav Giere
olav.giere@zoologie.uni-hamburg.de

Dear Sir,

This is just a note to express my appreciation for your efforts on behalf of the benthic invertebrate community. Psammonalia is both interesting and informative. I am a retired engineer-marine biologist and am currently amusing myself by collecting and identifying benthic fauna here in central Florida. I am working in the Tsala Apopka chain of lakes attempting a species list by lake. My first and most challenging problem is perfecting my collection skills.

Sincerely,
Karl J. Starzinger
Kjstarz@netsignia.net

Address Changes/Updates

Jeffrey G. Baguley, Ph.D.
University of Nevada, Reno
Department of Biology
Mailstop 314
Reno, NV 89557
Office: Fleischmann Agriculture
Building 341
Phone: 775-784-4928
Email: baguley@unr.edu

Thomas Glatzel, Ph.D.
Carl von Ossietzky Universität
Oldenburg
AG Zoosystematik und Morphologie
Institut für Biologie und
Umweltwissenschaften
D-26111 Oldenburg, Germany
Tel.: 0049 (0) 4441 - 798-3376
Email:
Thomas.Glatzel@Uni-Oldenburg.de
Website:

http://dzmb1.biologie.uni-oldenburg.de/zoosystematik/ag_homepages/tglatzel.html

Resources

Freshwater Nematodes: Ecology and Taxonomy. Edited by Eyualem Abebe, W Traunspurger and I Andrassy. CABI publishing, 2006.

Drawing together the work of 25 nematologists from 12 countries, this book examines the taxonomy and ecology of freshwater nematodes. The ecology section explores their distribution, diversity, abundance, biomass, and their relation to their physico-chemical and biological environment. The second section gives a taxonomic account of freshwater nematodes with pictorial keys at the genus level and a complete list of species within each genus. The book also summarizes previous work in the area and indicates avenues for future research. Overall, it provides a unique synthesis of a subject that has previously been poorly documented, and it should remain a standard reference work for many years.

Found at:
[//www.cabi-publishing.org/Bookshop/](http://www.cabi-publishing.org/Bookshop/)

Obituary

Dr. W.D. Gus Russell-Hunter
May 21, 2005

On May 21, 2005, Dr. W.D. Russell-Hunter (known to his friends as "Gus") passed away in the privacy of his own home in Easton, Maryland of a heart

attack. He was born on May 3, 1926 in Rutherglen, Scotland. He is survived by a son, Peregrine D. Russell-Hunter, his daughter-in-law Janet Whitehill Russell-Hunter, and his three grandchildren; Hannah Margaret Russell-Hunter, Sarah Lindsay Russell-Hunter, and Malcolm Whitehill Russell-Hunter; all of Arlington, Virginia and Royal Oak, Maryland.

He was married to Myra Porter Rankin Chapman on March 22, 1951 in the Glasgow University Chapel, within weeks of earning tenure with the University. His career as a marine biologist, freshwater ecologist and invertebrate zoologist and her career as an artist took them from Glasgow, Scotland eventually to the United States and decades of distinguished work at both Syracuse University in upstate New York and the Marine Biological Laboratory in Woods Hole, Massachusetts.

Dr. Russell-Hunter's career in marine biology began, as a result of the Second World War, as a Scientific Officer with the British Admiralty on a marine anti-fouling team whose research was made urgent by the sinking of the fouled – and therefore slower – *HMS Hood* by the German *Bismark* earlier in the war. His placement on the Scientific and Technical Register due to his academic achievement moved him to this duty from his training as a Pilot and Observer flying in Swordfish (the last cloth and wood biplane to see significant combat in the war). His first published papers in 1948 and 1949 were derived from this work and his honors research at the Glasgow University, following his BSc with honors in 1946, continued in

this vein and led to the publication of now-classic works about marine and freshwater organisms and their physiological ecology, behavior, and functional morphology.

In 1949, Dr. Russell-Hunter led an expedition of scientists and ecologists to the Garveloch Islands off the West Coast of Scotland. This diverse young group of explorers made ecological, geological, malacological, ornithological, and even archaeological discoveries on these uninhabited islands. At the time of his death, he was attempting to publish the resulting book, *The Isles of the Sea*, along with getting back into print his four major texts: *Aquatic Productivity* © 1970; *A Biology of Lower Invertebrates* © 1968; *A Biology of Higher Invertebrates* © 1969 and *A Life of Invertebrates* © 1979 all of which were foundational for decades of students of invertebrate zoology throughout the world in their various translations.

In 1953, Dr. Russell-Hunter was awarded his PhD from Glasgow University. In 1953 and 1954 Dr. Russell-Hunter was in Jamaica as a Carnegie Brown Fellow at the University of the West Indies. Both before and after that research, he published significant papers which set new standards for the study of freshwater invertebrates. He was awarded a DSc by Glasgow University in 1961.

Dr. Russell-Hunter's career with the Marine Biological Laboratory (MBL) began in 1961 when he served as a lecturer in the influential Invertebrate Zoology Course until 1963. He served as the Director of that course from 1964 to 1968. He served as the Editor of the

MBL's *Biological Bulletin* from 1968 to 1980. His editorship during those years fueled the *Bulletin's* rise to prominence as a leading general biological journal. Dr. Russell-Hunter was also a four-term member of the Board of Trustees of the MBL and served on in *emeritus* status thereafter.

Dr. Russell-Hunter's teaching and research career with Syracuse University from 1963 to 1990 was equally distinguished, and he and his many graduate students not only produced significant research but also created an environment for learning about biology which was a jewel in the crown of the University's well-respected Biology Department. There, he received grants from NIH, NSF, and the Army Corps of Engineers. He was recognized by the University with his selection as the recipient of the William Wasserstrom Award in 1988 honoring his teaching career.

He authored and published over one hundred and twenty research articles, and that number almost doubles when considering the work of his graduate students in which he was directly involved but chose not to follow the common practice of adding his name so as to allow them a better chance to launch their own careers. This facet of his life – that of mentor and teacher – was perhaps his greatest hallmark as his generous and gracious work advising his graduate and undergraduate students created a diaspora of researchers and teachers through whom he has had a global impact on the fields of physiological ecology, malacology, and invertebrate zoology.

Dr. Russell-Hunter's career and work was honored in 1984 at the "International Symposium on the Physiological Ecology of Freshwater Molluscs Honoring Dr. W.D. Russell-Hunter" for the 50th Annual Meeting of the American Malacological Union. Dr. Russell-Hunter was again honored in 1999 when the Freshwater Mollusc Conservation Society presented him with their first ever Lifetime Achievement Award. He has been listed for many years in *Who's Who in America*.

Dr. Russell-Hunter was also a Fellow of the Linnean Society of London, a Fellow of the Royal Society of Edinburgh, a Fellow of the Institute of Biology of the United Kingdom, a Fellow of the American Association for the Advancement of Science (AAAS), as well as a member of the Ecological Society of America, American Malacological Union, Glasgow Natural History Society, Malacological Society of London, Society of Systematic Biology, and Society of International Limnology, among others.

For the last decade of his life he was also a member of the St. Andrews Society of the Eastern Shore in Easton, Maryland.

In later years, after the death of his wife in 1989, for whom he cared during her decade-long battle with cancer, Dr. Russell-Hunter turned to oil and acrylic painting (for which he won awards), boating, reading, model railroading, and to the Religious Society of Friends. He was involved with both the Syracuse Meeting and Third Haven Friends Meeting, where he was a member and a long-time member and Clerk of the Worship and Ministry Committee.

A memorial service in the form of a Meeting for Worship will take place at Third Haven Friends Meeting, in the old Meeting House on Washington Street in Easton MD, at 11:00am on Saturday June 4, 2005. There will be a brief reception afterwards in the Common Room, where a small selection of Dr. Russell-Hunter's publications and artwork will be on display.

Memorial contributions can be sent to the Marine Biological Laboratory, c/o Ms. A. Kristine Johnson, Director of Special Gifts and Planned Giving, 7 MBL Street, Woods Hole, MA 02543-1015. She can be reached at (508) 289-7766 or kjohnson@mbl.edu. A memorial service honoring Dr. Russell-Hunter at the MBL in Woods Hole is in the planning stages for late July or early August of this year at which time his ashes will be sprinkled at the middle-ground buoy in Vineyard Sound.

Recent Literature

- Armenteros, M., I. Martin, J. P. Williams, B. Creagh, G. Gonzalez-Sanson, and N. Capetillo. 2006. Spatial and temporal variations of meiofaunal communities from the western sector of the Gulf of Batabano, Cuba. I. Mangrove systems. *Estuaries and Coasts* **29**:124-132.
- Armitage, A. R., and P. Fong. 2006. Predation and physical disturbance by crabs reduce the relative impacts of nutrients in a tidal mudflat. *Marine Ecology-Progress Series* **313**:205-213.
- Bartsch, I. 2006. Copidognathines (Acari : Halacaridae) in mangroves

of Singapore. I. Description of three species. *Raffles Bulletin of Zoology* **54**:83-92.

- Beisner, B. E., J. Hovius, A. Hayward, J. Kolasa, and T. N. Romanuk. 2006. Environmental productivity and biodiversity effects on invertebrate community invasibility. *Biological Invasions* **8**:655-664.
- Bejarano, A. C., G. T. Chandler, L. J. He, and B. C. Coull. 2006. Individual to population level effects of South Louisiana crude oil water accommodated hydrocarbon fraction (WAF) on a marine meiobenthic copepod. *Journal of Experimental Marine Biology and Ecology* **332**:49-59.
- Bhadury, P., M. C. Austen, D. T. Bilton, P. J. D. Lamshead, A. D. Rogers, and G. R. Smerdon. 2006. Development and evaluation of a DNA-barcoding approach for the rapid identification of nematodes. *Marine Ecology Progress Series* **320**:1-9.
- Bouck, L., and D. Thistle. 2006. Responses of two morphologically similar species of benthic copepod (Harpacticoida, Diosaccidae) to an erosion rate that occurs during winter storms. *Vie Et Milieu-Life and Environment* **56**:9-14.
- Bradshaw, C., L. Kumblad, and A. Fagrell. 2006. The use of tracers to evaluate the importance of bioturbation in remobilising contaminants in Baltic sediments. *Estuarine Coastal and Shelf Science* **66**:123-134.
- Burse, C. R., K. E. Richardson, and D. J. Richardson. 2006. First North American records of *Kathlania leptura* and *Tonaudia tonaudia*

- (Nematoda : Kathlanidae), parasites of marine turtles. *Comparative Parasitology* **73**:134-135.
- Casu, D., G. Ceccherelli, M. Curini-Galletti, and A. Castelli. 2006. Human exclusion from rocky shores in a mediterranean marine protected area (MPA): An opportunity to investigate the effects of trampling. *Marine Environmental Research* **62**:15-32.
- Casu, M., and M. Curini-Galletti. 2006. Genetic evidence for the existence of cryptic species in the mesopsammic flatworm *Pseudomonocelis ophiocephala* (Rhabditophora : Proseriata). *Biological Journal of the Linnean Society* **87**:553-576.
- Costello, M. J., P. Bouchet, C. S. Emblow, and A. Legakis. 2006. European marine biodiversity inventory and taxonomic resources: state of the art and gaps in knowledge. *Marine Ecology-Progress Series* **316**:257-268.
- Cutts, C. J., J. Sawanboonchun, C. M. de Quero, and J. G. Bell. 2006. Diet-induced differences in the essential fatty acid (EFA) compositions of larval Atlantic cod (*Gadus morhua* L.) with reference to possible effects of dietary EFAs on larval performance. *Ices Journal of Marine Science* **63**:302-310.
- Dahl, U., E. Gorokhova, and M. Breitholtz. 2006. Application of growth-related sublethal endpoints in ecotoxicological assessments using a harpacticoid copepod. *Aquatic Toxicology* **77**:433-438.
- Dalto, A. G., A. Gremare, A. Dinet, and D. Fichet. 2006. Muddy-bottom meiofauna responses to metal concentrations and organic enrichment in New Caledonia South-West Lagoon. *Estuarine Coastal and Shelf Science* **67**:629-644.
- de Gibert, J. M., R. G. Netto, F. M. W. Tognoli, and M. E. Grangeiro. 2006. Commensal worm traces and possible juvenile thalassinidean burrows associated with *Ophiomorpha nodosa*, Pleistocene, southern Brazil. *Palaeogeography Palaeoclimatology Palaeoecology* **230**:70-84.
- De Troch, M., V. Chepurnov, H. Gheerardyn, A. Vanreusel, and E. Olafsson. 2006. Is diatom size selection by harpacticoid copepods related to grazer body size? *Journal of Experimental Marine Biology and Ecology* **332**:1-11.
- Farrell, F. C., B. A. Jaffee, and D. R. Strong. 2006. The nematode-trapping fungus *Arthrobotrys oligospora* in soil of the Bodega marine reserve: distribution and dependence on nematode-parasitized moth larvae. *Soil Biology & Biochemistry* **38**:1422-1429.
- Fedorov, A., and L. Fedorova. 2006. Where is the difference between the genomes of humans and annelids? *Genome Biology* **7**.
- Fonseca, G., A. Vanreusel, and W. Decraemer. 2006. Taxonomy and biogeography of *Molgolaimus Ditlevsen, 1921* (Nematoda : Chromadoria) with reference to the origins of deep sea nematodes. *Antarctic Science* **18**:23-50.
- Ford, A. T., T. F. Fernandes, C. D. Robinson, I. M. Davies, and P. A. Read. 2006. Can industrial pollution cause intersexuality in the amphipod, *Echinogammarus marinus*? *Marine Pollution Bulletin*

- 53:100-106.**
- Fraschetti, S., C. Gambi, A. Giangrande, L. Musco, A. Terlizzi, and R. Danovaro. 2006. Structural and functional response of meiofauna rocky assemblages to sewage pollution. *Marine Pollution Bulletin* **52:540-548.**
- Frisch, D., H. Rodriguez-Perez, and A. J. Green. 2006. Invasion of artificial ponds in Donana Natural Park, southwest Spain, by an exotic estuarine copepod. *Aquatic Conservation-Marine and Freshwater Ecosystems* **16:483-492.**
- Garcia, R., and R. W. Johnstone. 2006. Effects of *Lynngbya majuscula* (Cyanophyceae) blooms on sediment nutrients and meiofaunal assemblages in seagrass beds in Moreton Bay, Australia. *Marine and Freshwater Research* **57:155-165.**
- Giere, O. 2006. Ecology and biology of marine oligochaeta - an inventory rather than another review. *Hydrobiologia* **564:103-116.**
- Hancock, P. J. 2006. The response of hyporheic invertebrate communities to a large flood in the Hunter River, New South Wales. *Hydrobiologia* **568:255-262.**
- Huang, Y., and Z. N. Zhang. 2006. A new genus and three new species of free-living marine nematodes from the Yellow Sea, China. *Journal of Natural History* **40:5-16.**
- Huang, Y., and Z. N. Zhang. 2006. New species of free-living marine nematodes from the Yellow Sea, China. *Journal of the Marine Biological Association of the United Kingdom* **86:271-281.**
- Huang, Y., and Z. N. Zhang. 2006. Two new species of free-living marine nematodes (*Trichotheristus articulatus* sp n. and *Leptolaimoides punctatus* sp n.) from the Yellow Sea, China. *Russian Journal of Nematology* **14:43-50.**
- Huang, Y., Z. N. Zhang, X. S. Liu, and Y. Zhang. 2006. Studies on the species composition and biodiversity of free-living marine nematodes in the southern Huanghai Sea. *Acta Oceanologica Sinica* **25:87-98.**
- Hubas, C., D. Davoult, T. Cariou, and L. F. Artigas. 2006. Factors controlling benthic metabolism during low tide along a granulometric gradient in an intertidal bay (Roscoff Aber Bay, France). *Marine Ecology-Progress Series* **316:53-68.**
- Kikkawa, T., T. Sato, J. Kita, and A. Ishimatsu. 2006. Acute toxicity of temporally varying seawater CO₂ conditions on juveniles of Japanese sillago (*Sillago japonica*). *Marine Pollution Bulletin* **52:621-625.**
- Krivtsov, V., A. Garside, T. Bezginova, J. Thompson, J. W. Palfreyman, R. Salmond, K. Liddell, A. Brendler, B. S. Griffiths, R. Watling, and H. J. Staines. 2006. Ecological study of the forest litter meiofauna of a unique Scottish woodland. *Animal Biology* **56:69-93.**
- Lampadariou, N., and A. Tselepides. 2006. Spatial variability of meiofaunal communities at areas of contrasting depth and productivity in the Aegean Sea (NE Mediterranean). *Progress in Oceanography* **69:19-36.**
- Langlois, T. J., M. J. Anderson, and R. C. Babcock. 2006. Inconsistent effects of reefs on different size classes of macrofauna in adjacent sand habitats. *Journal of*

- Experimental Marine Biology and Ecology **334**:269-282.
- Leasi, F., B. H. Rothe, A. Schmidt-Rhaesa, and M. A. Todaro. 2006. The musculature of three species of gastrotrichs surveyed with confocal laser scanning microscopy (CLSM). *Acta Zoologica* **87**:171-180.
- Lee, W., H. Y. Soh, and P. A. Montagna. 2006. Redescription of *Echinolaophonte armiger* (Gurney) (Copepoda : Harpacticoida) from the Gulf of Mexico. *Zootaxa*:53-68.
- Lehane, C., and J. Davenport. 2006. A 15-month study of zooplankton ingestion by farmed mussels (*Mytilus edulis*) in Bantry Bay, Southwest Ireland. *Estuarine Coastal and Shelf Science* **67**:645-652.
- Longenecker, K., and R. Langston. 2006. Life history characteristics of a small cardinalfish, *Ostorhinchus rubrimacula* (Percoidei : Apogonidae), from Koro, Fiji. *Pacific Science* **60**:225-233.
- McCullough, D. G., T. T. Work, J. F. Cavey, A. M. Liebhold, and D. Marshall. 2006. Interceptions of nonindigenous plant pests at US ports of entry and border crossings over a 17-year period. *Biological Invasions* **8**:611-630.
- Miljutin, D. M., A. V. Tchesunov, and W. D. Hope. 2006. *Rhaphothyreus typicus* Hope & Murphy, 1969 (Nematoda : Rhaphothyreidae): an anatomical study of an unusual deep-sea nematode. *Nematology* **8**:1-20.
- Mine, T., Y. Kawamura, and H. Ueda. 2005. Ability of *Amphiascus* sp (Copepoda, Harpacticoida) to remove fouling diatoms on conchocelis-bearing oyster shells in nori culture. *Nippon Suisan Gakkaishi* **71**:923-927.
- Moravec, F., S. Ternengo, and C. Levron. 2006. Three species of *Philometra* (Nematoda, Philometridae) from marine fishes off Corsica, France. *Acta Parasitologica* **51**:111-118.
- Munoz, G., A. S. Grutter, and T. H. Cribb. 2006. Endoparasite communities of five fish species (Labridae : Cheilinae) from Lizard Island: how important is the ecology and phylogeny of the hosts? *Parasitology* **132**:363-374.
- Neuhaus, B., and T. Blasche. 2006. *Fissuroderes*, a new genus of Kinorhyncha (Cyclorhagida) from the deep sea and continental shelf of New Zealand and from the continental shelf of Costa Rica. *Zoologischer Anzeiger* **245**:19-52.
- Nicholas, W., and M. A. Todaro. 2006. Two new species of *Tetranchyroderma* (Gastrotricha, Macrotrichida) from a sandy beach in southeastern Australia. *New Zealand Journal of Marine and Freshwater Research* **40**:249-258.
- Oberdorster, E., S. Q. Zhu, T. M. Blickley, P. McClellan-Green, and M. L. Haasch. 2006. Ecotoxicology of carbon-based engineered nanoparticles: Effects of fullerene (C-60) on aquatic organisms. *Carbon* **44**:1112-1120.
- Oguri, K., H. Kitazato, and R. N. Glud. 2006. Platinum octaethylporphyrin based planar optodes combined with an UV-LED excitation light source: An ideal tool for high-resolution O-2 imaging in O-2 depleted environments. *Marine Chemistry*

- 100:95-107.
- Petti, M. A. V., E. F. Nonato, R. S. P. Skowronski, and T. N. Corbisier. 2006. Bathymetric distribution of the meiofaunal polychaetes in the nearshore zone of Martel Inlet, King George Island, Antarctica. *Antarctic Science* **18**:163-170.
- Pipan, T., A. Blejec, and A. Brancelj. 2006. Multivariate analysis of copepod assemblages in epikarstic waters of some Slovenian caves. *Hydrobiologia* **559**:213-223.
- Pontes, T., S. D'Amelio, G. Costa, and L. Paggi. 2005. Molecular characterization of larval anisakid nematodes from marine fishes of Madeira by a PCR-based approach, with evidence for a new species. *Journal of Parasitology* **91**:1430-1434.
- Rho, H. S., and W. Kim. 2005. A new marine nematode species of the genus *Dinetia* (Nematoda : Draconematidae) from South Korea. *Zoological Science* **22**:599-608.
- Robertson, A. L., and A. M. Milner. 2006. The influence of stream age and environmental variables in structuring meiofaunal assemblages in recently deglaciated streams. *Limnology and Oceanography* **51**:1454-1465.
- Schaeffer, J. S., A. Bowen, M. Thomas, J. R. P. French, and G. L. Curtis. 2005. Invasion history, proliferation, and offshore diet of the round goby *Neogobius melanostomus* in western Lake Huron, USA. *Journal of Great Lakes Research* **31**:414-425.
- Schratzberger, M., S. Bolam, P. Whomersley, and K. Warr. 2006. Differential response of nematode colonist communities to the intertidal placement of dredged material. *Journal of Experimental Marine Biology and Ecology* **334**:244-255.
- Sedlacek, L., and D. Thistle. 2006. Emergence on the continental shelf: differences among species and between microhabitats. *Marine Ecology-Progress Series* **311**:29-36.
- Sellanes, J., and C. Neira. 2006. ENSO as a natural experiment to understand environmental control of meiofaunal community structure. *Marine Ecology-an Evolutionary Perspective* **27**:31-43.
- Skilleter, G. A., B. D. Russell, B. M. Degnan, and M. J. Garson. 2005. Living in a potentially toxic environment: comparisons of endofauna in two congeneric sponges from the Great Barrier Reef. *Marine Ecology-Progress Series* **304**:67-75.
- Suarez-Morales, E., M. De Troch, and F. Fiers. 2006. A checklist of the marine Harpacticoida (Copepoda) of the Caribbean Sea. *Zootaxa*:1-19.
- Szymelfenig, M., L. Kotwicki, and B. Graca. 2006. Benthic re-colonization in post-dredging pits in the puck bay (Southern Baltic sea). *Estuarine Coastal and Shelf Science* **68**:489-498.
- Tchesunov, A. V., and D. M. Miljutin. 2006. Three new free-living nematode species (Monhysterida) from the Arctic abyss, with revision of the genus *Eleutherolaimus* Filipjev, 1922 (Linhomoeidae). *Russian Journal of Nematology* **14**:57-75.
- Tchesunov, A. V., and J. R. Okhlopkov. 2006. On some selachinematid nematodes (Chromadorida : Selachinematidae) deposited in the

collection of the Smithsonian
National Museum of Natural
History. *Nematology* **8**:21-44.

Todaro, M. A., F. Leasi, N. Bizzarri, and
P. Tongiorgi. 2006. Meiofauna
densities and gastrotrich community
composition in a Mediterranean sea
cave. *Marine Biology* **149**:1079-1091.

Vassallo, P., M. Fabiano, L. Vezzulli, R.
Sandulli, J. C. Marques, and S. E.

Jorgensen. 2006. Assessing the
health of coastal marine ecosystems:
A holistic approach based on
sediment micro and meio-benthic
measures. *Ecological Indicators*
6:525-542.

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