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International Association of Meiobenthologists

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HAPPY SUMMER!



DONT FORGET TO RENEW YOUR MEMBERSHIP IN IAM!

THE APPLICATION CAN BE FOUND AT:

<http://www.meiofauna.org/appform.html>

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Upcoming Conferences

IçIMCo

16th International Meiofauna Conference
(IçIMCo) First Announcement

3-8 July 2016
Hotel Aquila Atlantis,
Heraklion, Crete, Greece

In the middle of the largest humanitarian crisis in Greece after the 2nd world war, of enforced capital controls, closed banks, and my country voting an overwhelming referendum 'No' to a never-ending austerity, my fellow citizens try to keep calm, break the impasse and restore at least some normality in everyday life.

Under these pressing but critical circumstances, the HCMR meiofaunal team thought to keepchin up and announce that IçIMCo, the 16th

International Meiofauna Conference, will take place next year in Heraklion, Crete, Greece! Starting, as always, with a welcome reception on Sunday the 3rd, the conference will end on Friday the 8th of July 2016 with the General Assembly of our Association.

The scientific programme will include sessions consisting of oral and poster presentations, invited talks and keynote speakers. Besides the Welcome and Icebreaker, planned social events will further include a Cocktail Poster Session, a Field Trip to some historical and cultural sites, the Conference Banquet, and of course our most expected and traditional Ruffle and Limerick contest.

Scientifically, the conference will cover topical issues at the frontier of contemporary marine ecology and will explore outstanding open questions. Topics will include:

- Specific habitats such as the deep sea and seeping environments
- Experimental ecology
- Genetics

- Relation of meiobenthos to ecosystem health, processes and services
- ... and many more

The conference will be held at Hotel Aquila Atlantis, which is located in the heart of Heraklion city, where the ancient Minoan civilization, one of the first civilizations in Europe, flourished. The name of the conference (IçIMCo) was inspired by the ancient Greek numerical system, where the letter I represents the number ten (10) and the letter stigma (ς), which is a ligature of the Greek letters sigma (Σ) and tau (Τ), represents the number six (6).

More detailed information, including the conference website, details about registration and the venue, as well as the exact conference topics will be provided in a first circular later this summer.

We look forward to seeing you at IçIMCo!

Contact: Nikolaos Lampadariou

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ICMBE 2016: 18th International Conference on Marine Biology and Ecology

Dubai, UAE, Jan 28 -29, 2016

Important Dates

Paper submission	July 28, 2015
Notification of acceptance	Aug 28, 2015
Final paper submission and authors' registration	Sep 28, 2015
Conference Dates	Jan 28 - 29, 2016

Objectives: 18th International Conference on Marine Biology and Ecology aims to bring

together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Marine Biology and Ecology. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Marine Biology and Ecology.

All honorable authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, papers and e-posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Marine Biology and Ecology are cordially invited for presentation at the conference. The conference solicits contributions of abstracts, papers and e-posters that address themes and topics of the conference, including figures, tables and references of novel research material.

Topics:

- Biological Marine Sciences
- Climate Change and Global Warming
- Coastal & Marine Resources and the Environment
- Environmental and Marine Resources Management
- Fish Resources and Engineering
- Fish, Wildlife and Marine Resources
- Geological, Environmental, and Marine Sciences
- Geological Sciences and Marine Geology
- Living Marine Resources
- Marine and Atmospheric Sciences
- Marine Biology and Biotechnology
- Marine and Coastal Resources Management
- Marine and Electrical Engineering
- Marine Environments and Resources
- Marine Hydrodynamics
- Marine Law and the Regional and International Problems and Difficulties
- Marine Resource Development and

- Protection
• Marine Resources, Industry & Environment

<https://www.waset.org/conference/2016/01/dubai/ICMBE>



ICENS 2016: 18th International Conference on Engineering and Natural Sciences

Istanbul, Turkey, Jan 25 – 26, 2016

Important Dates

Paper submission	July 25, 2015
Notification of acceptance	Aug 25, 2015
Final paper submission and authors' registration	Sep 25, 2015
Conference Dates	Jan 25 - 26, 2016

Objectives: 18th International Conference on Engineering and Natural Sciences is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Engineering and Natural Sciences. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world.

Topics: Topics of interest for submission include, but are not limited to:

- Biology
- Genetics
- Physiology
- Zoology
- Paleoecology

<https://www.waset.org/conference/2016/01/istanbul/ICENS>

ICEEE 2016 : 18th International Conference on Environmental and Ecological Engineering



ICEEE 2016: 18th International Conference on Environmental and Ecological Engineering

Paris, France, Jan 21 – 22, 2016

Important Dates

Paper submission	July 25, 2015
Notification of acceptance	Aug 25, 2015
Final paper submission and authors' registration	Sep 25, 2015
Conference Dates	Jan 25-26, 2016

Objectives: 18th International Conference on Environmental and Ecological Engineering aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Environmental and Ecological Engineering. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Environmental and Ecological Engineering.

Topics: Topics of interest for submission include, but are not limited to:

- Aquaculture
- Conservation
- Ecosystems and Ecology

<https://www.waset.org/conference/2016/01/paris/ICEEE>



ICMB 2016: 18th International Conference on Marine Biodiversity

Melbourne, Australia, Feb 4 – 5, 2016

Important Dates

Paper submission	Aug 4, 2015
Notification of acceptance	Sep 4, 2015
Final paper submission and authors' registration	Oct 4, 2015
Conference Dates	Feb 4-5, 2016

Objectives: The ICMB 2016, 18th International Conference on Marine Biodiversity aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Marine Biodiversity. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Marine Biodiversity.

All honorable authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, papers and e-posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Marine Biodiversity are cordially invited for presentation at the conference. The conference solicits contributions of abstracts, papers and e-posters that address themes and topics of the conference, including figures, tables and references of novel research material.

Topics:

- Marine Biodiversity
- Taxonomy
- Biodiversity
- Changes in Biodiversity with Time
- Marine Technology: Platforms and Sensors for the 21st Century
- Blue Biotechnology
- Ecosystem Services
- Climate Change
- Marine Extremes
- Bioinformatics and Data Delivery
- Advances in Statistics in Relation to Marine Biodiversity Science
- Marine Policy and Law
- Marine Biodiversity and Human Health
- Integrative Frameworks of Linking Physical Dynamics and Biodiversity
- Biodiversity - Ecosystem Function
- Linking Biodiversity - Ecosystem Function and Services
- Biodiversity, Education and Outreach
- Environmental Physiology
- Human Impacts of Biodiversity

<https://www.waset.org/conference/2016/02/melbourne/ICMB>



ICBESE 2016: 18th International Conference on Biodiversity, Energy Systems and Environment

Miami, USA, March 1 -2, 2016

Important Dates

Paper submission	Sep 1, 2015
Notification of acceptance	Oct 1, 2015
Final paper submission and authors' registration	Nov 4, 2015
Conference Dates	Mar 1-2, 2016

Objectives: The ICBESE 2016, 18th International Conference on Biodiversity, Energy Systems and Environment aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Biodiversity, Energy Systems and Environment. It also provides the premier interdisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Biodiversity, Energy Systems and Environment.

All honourable authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, papers and e-posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of Biodiversity, Energy Systems and Environment are cordially invited for presentation at the conference. The conference solicits contributions of abstracts, papers and e-posters that address themes and topics of the conference, including figures, tables and references of novel research material.

Topics:

- Biodiversity, Energy Systems and Environment
- Biodiversity and Sustainable Energy Development
- Biodiversity, Energy Systems and Environmental Sustainability
- Ecosystem and Ecography
- Linking Hydrology and Biodiversity
- Biofertilizers and Biopesticides
- Management of environment and water resources
- Environmental Hazards and Natural Disasters Management
- Sustainable Energies and their Development
- Current Issues and Measures

- Waste water treatment and reclamation
- Biodiversity and Its Allied Areas

<https://www.waset.org/conference/2016/03/miami/ICBESE>

6th Symposium on Mesozoic and Cenozoic

6TH SYMPOSIUM ON MESOZOIC AND CENOZOIC
DECAPOD CRUSTACEANS

VILLERS-SUR-MER, NORMANDY, FRANCE

14 – 18 JUNE 2016



Glypheus regleyana (Dowson, 1822)



SGF
Société Géologique de France
Un philippe au service de la société



VILLERS-SUR-MER
Le site au cœur de la région



PALEOSPACE
l'ODYSSÉE



CEF



CNRS

Decapod Crustaceans

Villers-sur-Mer, Normandy, France, 14 – 18 June 2016

Important Dates

Please return the Registration form before the **1st September 2015**.

The second circular is scheduled for **October, 2015**.

The registration of payment deadline is **February 1st, 2016**.

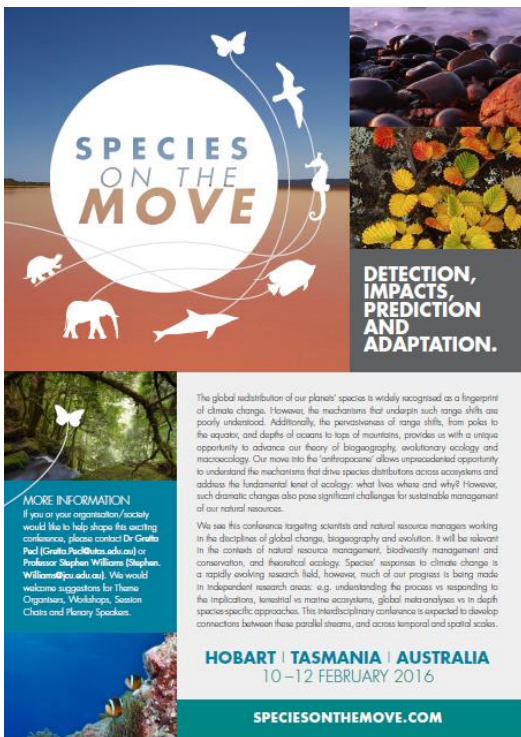
The abstracts must be sent before **1st March 2016**.

Manuscripts must be submitted until **25th June 2016**

Objectives: The symposium will be held at the Paleospace-l'Odyssee, Museum of Palaeontology and the cinema, both located in the centre of

Villers-Sur-Mer. Poster and oral presentations will be followed by field trips to the Callovian-Oxfordian cliffs of the "Vaches Noirs", Bajocian stratotype and Bathonian Confessionnaux cliffs, parts of the Normandy landings locations, a trip to the Cenomanian hard-grounds of Petreval and the Etretat cliffs which attracted Courbet and Monet. English and French will be the official languages of the conference. Talks will be 30 minutes long including discussion. The area is popular with tourists, so accommodation should be booked early.

<http://geosoc.fr/manifestation/agenda-des-reunions-colloques-sgf/event/218-6th-symposium-on-mesozoic-and-cenozoic-decapod-crustaceans.html>



Species on the move

Hobart, Tasmania, Australia, 10 -12 Feb 2016

For registration and abstract submission deadlines, please contact the organizing committee.

Objective: Our move into the

‘anthropocene’ allows unprecedented opportunity to understand the mechanisms that drive species distributions across ecosystems and address the fundamental tenet of ecology: what lives where and why? However, such dramatic changes also pose significant challenges for sustainable management of our natural resources

They see this conference targeting scientists and natural resource managers working in the disciplines of global change, biogeography and evolution, and relevant in contexts of natural resource management, biodiversity management and conservation, and theoretical ecology.

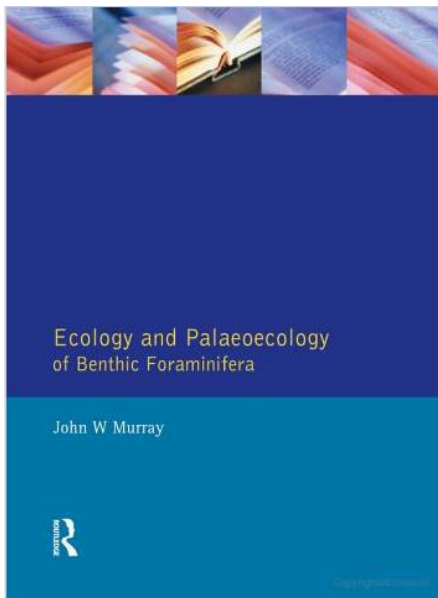
Topics:

- Implications of species range change for health, food security and ecosystems services.
- Detection, attribution and facilitation of range change.
- Changing distribution and conservation paradigms.
- Biological adaptation at the species level – physiology & genetics.
- Cultural, social and economic dimensions of range shifts and changing ecosystems.
- Governance, legal and ethical issues for managing shifting species and changing ecosystems
- Modelling Change from Molecules to Ecosystems: Understanding and representing multi-scale mechanisms that link climate, humans and living resources.

<http://www.speciesonthemove.com/index.html>

Books at a glance

Ecology and Palaeoecology of Benthic Foraminifera



This book is an important and reliable review of foraminiferal ecology. Professor Murray relates ecological data on living forms of foraminifera to the palaeoecology of the fossil species, and defines in detail areas of global distribution.

Murray JW. (2014). Ecology and palaeoecology of benthic foraminifera. Routledge.

Recent Literature

Abdul Jaleel KU, Anil Kumar PR, Khan KN, Correya NS, Jacob J, Philip R, Sanjeevan VN and Damodaran R (2014). Polychaete community structure in the South Eastern Arabian Sea continental margin (200–1000 m. Deep-Sea Research I 93:60–71.

Alves AS, Caetano A, Costa JL, Costa MJ and Marques JC (2015). Estuarine intertidal meiofauna and nematode communities as indicator of ecosystem's recovery following mitigation measures. Ecological Indicators 54:184–196.

Angue Minto'o CM, Bassetti MA, Morigi C, Ducassou E, Toucanne S, Jouet G and Mulder T (2015). Levantine intermediate water hydrodynamic and bottom water ventilation in the northern Tyrrhenian Sea over the past 56,000 years: New insights from benthic foraminifera and ostracods. Quaternary International 357:295–313.

Aránguiz-Acuña A, Ramos-Jiliberto R and Serra M (2015). Zooplankton competition promotes trade-offs affecting diapause in rotifers. Oecologia 177:273–279.

Arndt C, Moison M and Sommer U (2015). Providing harpacticoid copepods via floating sieve improves herring (*Clupea harengus* L.) larval feeding incidence. Aquaculture Research 1–13.

Arndt C and Sommer U (2014). Effect of algal species and concentration on development and fatty acid composition of two harpacticoid copepods, *Tisbe* sp. and *Tachidius discipes*, and a discussion about their suitability for marine fish larvae. Aquaculture Nutrition 20:44–59.

Barbiero RP, Lesht BM, and Warren GJ (2015). Corrigendum to “Recent changes in the offshore crustacean zooplankton community of Lake Ontario” [J. Great Lakes Res., 40(4)(2014)898–910]. Journal of Great Lakes Research 41:312–313.

Bartels PJ, Fontoura P and Nelson DR (2015). New records of marine tardigrades from Moorea, French Polynesia, with the description of *Styraconyx turbinarium* sp. nov. (Arthrotardigrada, Halechiniscidae). Zootaxa 3955 (3): 389–402.

Blanda E, Drillet G, Huang CC, Hwang JS, Jakobsen HH, Rayner TA, Su H-M, Wu C-H and Hansen BW (2015). Trophic interactions and productivity of copepods as live feed from tropical Taiwanese outdoor aquaculture ponds. Aquaculture 445:11–21.

Bonaglia S, Nascimento FJA, Bartoli M, Klawonn I and Bru`chert V (2014). Meiofauna increases bacterial denitrification in marine sediments. Nature Communications 5:5133.

Borsje BW, Bouma TJ, Rabaut M, Herman PMJ

and Hulscher SJMH (2014). Formation and erosion of biogeomorphological structures: A model study on the tube-building polychaete *Lanice conchilega*. *Limnol. Oceanogr* 59(4):1297–1309.

Burian A, Kainz MJ, Schagerl M and Yasindi A (2014). Species-specific separation of lake plankton reveals divergent food assimilation patterns in rotifers. *Freshwater Biology* 59:1257–1265.

Burris ZP and Dam HG (2015) Spermatophore production as a function of food abundance and age in the calanoid copepods, *Acartia tonsa* and *Acartia hudsonica*. *Marine Biology* 162(4):841–853.

Carpentier A, Como S, Dupuy C, Lefrançois C and Feunteun E (2014). Feeding ecology of *Liza* spp. in a tidal flat: Evidence of the importance of primary production (biofilm) and associated meiofauna. *Journal of Sea Research* 92:86–91.

Cass CJ and Daly KL (2015). Ecological characteristics of eucalanoid copepods of the eastern tropical North Pacific Ocean: Adaptations for life within a low oxygen system. *Journal of Experimental Marine Biology and Ecology* 468: 118–129.

Chen J, Wang Z, Li G and Guo R (2014). The swimming speed alteration of two freshwater rotifers *Brachionus calyciflorus* and *Asplanchna brightwelli* under dimethoate stress. *Chemosphere* 95:256–260.

Cnudde C, Moens T, Werbrouck E, Lepoint G, Gansbeke DV and Troch MD (2015). Trophodynamics of estuarine intertidal harpacticoid copepods based on stable isotope composition and fatty acid profiles. *Mar Ecol Prog Ser* 524: 225–239.

Costello MJ (2015). Biodiversity: The Known, Unknown, and Rates of Extinction. *Current Biology* 25:R362–R383

Faurby S and Barber PH (2015). Extreme population subdivision despite high colonization ability: contrasting regional patterns in intertidal tardigrades from the west coast of North America. *42:1006–1017.*

Fischer JM, Olson MH, Theodore N, Williamson CE, Rose KC and Hwang J (2015).

Diel vertical migration of copepods in mountain lakes: The changing role of ultraviolet radiation across a transparency gradient. *Limnol. Oceanogr* 60:252–262.

Fontaneto D (2014). Molecular phylogenies as a tool to understand diversity in rotifers. *International Review of Hydrobiology* 99:178–187.

Guidi-Guilvard LD and Dallot S (2014) Metazoan meiobenthos temporal fluctuations in the deep NW Mediterranean Sea (DYFAMED-BENTHOS 1993-1995). Contribution of spatial variability and disturbance. *Deep-Sea Research Part I*, 92 : 127-140.

Gomes IDL, Lemos MFL, Soares AMVM, Díez S, Barata C and Faria M (2014). Effects of Barcelona harbor sediments in biological responses of the polychaete *Capitella teleta*. *Science of the Total Environment* 485–486:545–553.

Gophen M (2015). Thermal Preference by *Mesocyclops ogunnus* (Onabamiro, 1957). *Open Journal of Ecology* 5:15-21.

Gross V and Mayer G (2015). Neural development in the tardigrade *Hypsibius dujardini* based on anti-acetylated α -tubulin immunolabeling. *EvoDevo* 6:12.

Haefke BJ, Spiers AI, Miller WR and Lowman MD (2014). Tardigrades of the Canopy: *Doryphoribius elleneddiei* nov. sp. (Eutardigrada, Parachela, Hypsibiidae), a New Species from Eastern Kansas, U.S.A. *Transactions of the Kansas Academy of Science* 117(3 & 4):299-304.

Hawkyard M, Laurel B, Barr Y, Hamre K and Langdon C (2015). Evaluation of liposomes for the enrichment of rotifers (*Brachionus* sp.) with taurine and their subsequent effects on the growth and development of northern rock sole (*Lepidopsetta polyxystra*) larvae. *Aquaculture* 441:118–125.

Hawkyard M, Laurel B and Langdon C (2014). Rotifers enriched with taurine by microparticulate and dissolved enrichment methods influence the growth and metamorphic development of northern rock sole (*Lepidopsetta polyxystra*) larvae. *Aquaculture* 424–425:151–

157.

Herranz M, Sa´nchez N and Pardos F (2014). New Kinorhyncha from Florida coastal waters. *Helgol Mar Res* 68:59–87.

Hinder S, Gravenor MB, Edwards M, Ostle C, Bodger OG, lee plm, walne aw and Hays GC (2014). Multi-decadal range changes vs. thermal adaptation for north east Atlantic oceanic copepods in the face of climate change. *Global Change Biology* 20: 140–146.

Jankowska E, Wlodarska-Kowalczyk M, Kotwicki L, Balazy P and Kulinsk K (2014). Seasonality in vegetation biometrics and its effects on sediment characteristics and meiofauna in Baltic seagrass meadows. *Estuarine, Coastal and Shelf Science* 139:159–170.

Julia Z, Yulia T and Olga P (2014). New deep-sea free-living marine nematodes from the Sea of Japan: the genera *Siphonolaimus* and *Halichoanolaimus* (Nematoda: Chromadorea) with keys to species identifications. *Zootaxa* 3911 (1): 063–080.

Kaczmarek L, Cytan J, Zawierucha K , Diduszko D and Michalczyk L (2014). Tardigrades from Peru (South America), with descriptions of three new species of *Parachela*. *Zootaxa* 3790 (2): 357–379.

Kaczmarek L, Janko K, Smykla J and Michalczyk L (2014). Soil tardigrades from the Antarctic Peninsula with a description of a new species and some remarks on the genus *Ramajendas* (Eutardigrada: Isohypsibiidae). *Polar Record* 50 (253): 176–182.

Kalbe J, Mischke S, Dulski P and Sharon G (2015). The Middle Palaeolithic Nahal Mahanayem Outlet site, Israel: reconstructing the environment of Late Pleistocene wetlands in the eastern Mediterranean from ostracods. *Journal of Archaeological Science* 54:385–395.

Khosla A , Chin K , Alimohammadin H and Dutta D (2015). Ostracods, plant tissues, and other inclusions in coprolites from the Late Cretaceous Lameta Formation at Pisdura, India: Taphonomical and palaeoecological implications. *Palaeogeography, Palaeoclimatology, Palaeoecology* 418: 90–100.

ology 418: 90–100.

Kim H, Sakakura Y, Maruyama I, Nakamura T, Takiyama K, Fujiki H and Hagiwara A (2014). Feeding effect of selenium enriched rotifers on larval growth and development in red sea bream *Pagrus major*. *Aquaculture* 432: 273–277.

Lallias D , Hiddink JG , Fonseca VG , Gaspar JM , Sung W , Neill SP, Barnes N , Ferrero T , Hall N , Lamshead PJD , Packer M , Thomas WK and Creer S (2014). Environmental metabarcoding reveals heterogeneous drivers of microbial eukaryote diversity in contrasting estuarine ecosystems. *The ISME Journal* 9:1208–1221.

Liu H, Bi H and Peterson WT (2015). Large-scale forcing of environmental conditions on subarctic copepods in the northern California Current system. *Progress in Oceanography* 134:404–412.

Liu T, Diao J, Di S and Zhou Z (2015). Bioaccumulation of isocarboxamide enantiomers from laboratory-contaminated aquatic environment by tubificid worms. *Chemosphere* 124:77–82.

Massicotte P, Frenette J-J., Proulx R, Bertolo A & Pinel-Alloul B (2014). Riverscape heterogeneity explains spatial variation in zooplankton functional evenness and biomass in a large river ecosystem. *Landscape Ecol* 29:67–79.

Meadows AS, Ingels J, Widdicombe S, Hale R, Rundle SD (2015). Effects of elevated CO₂ and temperature on an intertidal meiobenthic community. *Journal of Experimental Marine Biology and Ecology* 469:44–56.

Miller WR, Johansson C and Adams B (2014). Tardigrades of North America: Records for Five Marine Species from the Pacific Coast. *Transactions of the Kansas Academy of Science* 17(3 & 4):281–286.

Moravec F and Ali AH (2014). Additional observations on *Philometra* spp. (Nematoda: Philometridae) in marine fishes off Iraq, with the description of two new species. *Syst Parasitol* 87:259–271.

Moravec F and Barton DP (2015). Two gonad-infecting species of *Philometra* (Nematoda:

Philometridae) from marine fishes off the northern coast of Australia. *Parasite* 22:4.

Moravec F and Diggles BK (2014). Two new gonad-infecting species of *Philometra* Costa, 1845 (Nematoda: Philometridae) from marine fishes off the northern coast of Australia. *Syst Parasitol* 89(1):33-44.

Murray JW. (2014). *Ecology and palaeoecology of benthic foraminifera*. Routledge.

Mosleh YY, Mofeed J, Afifi M and Almaghrabi OA (2014). Biological Effects of Pymethinal on Aquatic Worms (*Tubifex tubifex*) Under Laboratory Conditions. *Bull Environ Contam Toxicol* 92:85-89.

Neves RC, Bailly X and Reichert H (2014). Are copepods secondary hosts of *Cycliophora*?. *Org Divers Evol* 14:363-367.

Niikura M, Honda M and Yahata K (2015). Phylogeography of Semiterrestrial Isopod, *Tylos granuliferus*, on East Asian Coasts. *Zoological Science* 32(1):105-113. 2015.

Parrella A, Lavorgna M, Criscuolo E, Russo C, Fiumano V and Isidori M (2014). Acute and chronic toxicity of six anticancer drugs on rotifers and crustaceans. *Chemosphere* 115: 59-66.

Pekmezci GZ, Onuka EE, Bolukbas CS, Yardimci B, Gurler AT, Acici M and Umur S (2014) Molecular identification of *Anisakis* species (Nematoda: Anisakidae) from marine fishes collected in Turkish waters. *Veterinary Parasitology* 201:82-9.

Perry ES, Miller WR and Lindsay S (2015). Looking at tardigrades in a new light: using epifluorescence to interpret structure. *Journal of Microscopy* 257(2): 117-122.

Piovesan EK, Bergue CT, Fauth G and Viviers MC (2015). Palaeoecology of ostracods from the Late Cretaceous from northeastern Brazil and its relation to sequence stratigraphy. *Palaeogeography, Palaeoclimatology, Palaeoecology* 424:40-48.

Pires A, Figueira E, Moreira A, Soares AMVM and Freitas R (2015). The effects of water acidification, temperature and salinity on the regenerative capacity of the polychaete *Diopatra*

neapolitana. *Marine Environmental Research* 106:30-41.

Rizzo AM, Altiero T, Corsetto PA, Montorfano G, Guidetti R, and Rebecchi L (2014). Space Flight Effects on Antioxidant Molecules in Dry Tardigrades: The TARDIKISS Experiment. Article ID 167642, 7 pages.

Rohal M, Thistle D and Easton EE (2014). Meiofaunal abundances and faunal similarity on the continental rise off the coast of California. *Deep-Sea Research Part I* 93: 131-144.

Romano Spica V, Giampaoli S, Buggiotti L, Vitali M, Gianfranceschi G and Soldati R (2014). Environment health and intraspecific biodiversity in *T. tubifex*: a preliminary analysis of a population from Apennines springs. *Int. J. Environ. Sci. Technol* 11:461-468.

Romih T, Drašler B, Jemec A, Drobne D, Novak S, Golobič M, Makovec D, Susič R and Kogej K (2015). Bioavailability of cobalt and iron from citric-acid-adsorbed CoFe₂O₄ nanoparticles in the terrestrial isopod *Porcellio scaber*. *Science of the Total Environment* 508: 76-84.

Sánchez N, Pardos F and Sørensen M V (2014). A new kinorhynch genus, *Mixtophyes* (Kinorhyncha: Homalorhagida), from the Guinea Basin deep-sea, with new data on the family Neocentrophyidae. *Helgol Mar Res* 68:221-239.

Savatentalinton S (2014). On three new species of non-marine ostracods (Crustacea: Ostracoda) from Northeast Thailand. *Zootaxa* 3914(3):275-300.

Schlegel P, Havenhand JN, Obadia N and Williamson JE (2014). Sperm swimming in the polychaete *Galeolaria caespitosa* shows substantial inter-individual variability in response to future ocean acidification. *Marine Pollution Bulletin* 78:213-217.

Schmidt C and Martínez Arbizu P (2015). Unexpectedly higher metazoan meiofauna abundances in the Kuril-Kamchatka Trench compared to the adjacent abyssal plains. *Deep-Sea Research II* 111:60-75.

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