

AMPHIPOD

NEWSLETTER

36 (2012)

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GREETINGS FROM THE EDITORS

In addition to the bibliography in this newsletter is a list of the new genera of Amphipoda since AN10 (1970).

One update we hope you will find useful in this Newsletter are direct links to some of the papers (those underlined in blue) in the Bibliography. Also included in this Newsletter is a list of new amphipod genera described since AN 10 (1970). This list is provided to you from the hard and loving work of Wim. Thank you Wim! It is also available in excel format. Please look for it on the webpage.

New to this Newsletter is a section titled – an Amphipodologist Interview. We have long thought about how to highlight the career and personality of one of your colleagues. To open this segment, we thought it would be most appropriate to interview someone very close to us – Wim Vader. We hope you enjoy this segment. Look for it in future AN's. And if there is anyone whom you would like us to interview, please send your suggestions to co-editor Adam Baldinger.

Reports on recent amphipod conference/meetings are included. And information on upcoming meetings, namely the 15th International Colloquium on Amphipoda to be held 2-7 September 2013 in Szczawnica, Poland is provided as well. Also, included is information on the relatively new Amphipod Facebook page. And amphipods have been in news this last year, and co-editor Miranda Lowe tells you more about that.

We have promised you a new and updated website/webpage. Progress is being made, although much slower than expected. If any of you are interested in helping to develop an amphipod webpage/website, please contact Adam Baldinger.

We hope you will enjoy Amphipod Newsletter 36! We are very happy to hear from you! Please continue to send us your comments, particularly on how we can make this/your Amphipod Newsletter better.

With our best wishes,

Wim, Adam, Miranda and Anne Helene



Amphipods on Facebook !

Murat Özbek thought it was time to do something about the family-feeling within the amphipod-gang also for the newcomers - and so he started a facebookpage. On January 31st 2012 (facebook is good on keeping track) the page was started, with the comment: **"the aim of this is to strengthen friendship between the amphipod workers from all over the world. I hope this will be useful :)"**

So far (end may 2012) there are 36 members of the group, and more are welcome. Amphipodworkers both new and more seasoned have joined, and people have posted links to their new papers, their cool pictures (or other peoples pictures they really like), have asked questions about literature and practicalities like dissection methods and photography, and posted information and photos of meetings new and old. We promise to post this newsletter there too, of course, and hope more of you readers will see the use and fun of this site.

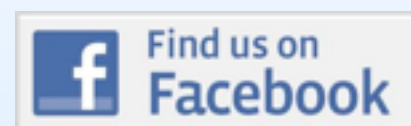


Murat - who started the group

How to join:

To become a member of the amphipod group on facebook, please go to <http://www.facebook.com/groups/238356639577927/> and register as a member. Easy! Welcome!!

You are invited to share your questions, papers, frustrations, ideas, pictures and thoughts - or just to hang around and see what everybody else is writing/ posting.



Super giant shrimp deep under cover

Its not often we come across such a big amphipod story in the news to say the least, but in February this year a story surfaced about a 28cm (11 in) amphipod!

Expedition leader Dr Alan Jamieson (University of Aberdeen's Oceanlab), Dr Ashley Rowden (National Institute of Water and Atmospheric Research, New Zealand) and their team were doing some research in the Kermadec Trench which is one of Earth's deepest oceanic trenches to find deep-sea snail fish using large metal traps encased in sapphire glass to resist the deep ocean high pressures and submergence cameras. Snailfish had not been seen or photographed since the 1950's. When the traps emerged back on deck to their great surprise not only the sight of snailfish caught there attention! There was excitement of seeing the snailfish again but a few seconds later Dr Jamieson spotted a huge amphipod 28cm (11 in) long - "It's a bit like finding a foot-long cockroach." he said.



From left to right: Toyo Fujii, Alan Jamieson, and Ashley Rowden.

Photograph courtesy Oceanlab, University of Aberdeen

This was the first time this amphipod had been observed from the deep trench even though the team had sampled from this area twice before. It was a golden moment to be short lived as a few days later the sampling equipment was deployed again and there was not a single giant amphipod in sight! This amphipod may not be out of the scientific gaze for too long as one of The Natural History Museum, London researchers is a close collaborator with Dr Jamieson and has promised to enquire about having a specimen for the London collections in the future.



Photograph courtesy Oceanlab, University of Aberdeen

The average size of most deep water amphipods found elsewhere is usually 2 - 3 cm although but this super giant amphipod seems to have a size range from 28 cm – 34 cm. Seven specimens were brought up on the ship and nine of the largest size (34cm) were observed on camera only. It is thought that perhaps unusual environmental conditions or the food environment may be the cause of its huge size but there are still lots of questions still to be answered. There is still a lot learn about ocean life in New Zealand's most deep and unique habitat. Perhaps this amphipod is *Alicella gigantea* as this is the largest species of amphipod ever observed, with some individuals reaching up to 340 millimetres (13 in) long and can be found in deep-waters.

Miranda Lowe

Department of Life Sciences, The Natural History Museum (NHM), South Kensington, London, UK.

Shrimp invasion UK!

A new invasive shrimp guide has been written by Michael Dobson (Director, The Freshwater Biological Association) and photos by Miranda Lowe.

The shrimp guide is now complete and accessible as a free download from:

<http://www.fba.org.uk/downloads>

Feedback is welcome and if you do have any comments please email these to the author: mdobson@fba.org.uk.



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ANDRADE, H. & P. E. RENAUD 2011. Polychaete/amphipod ratio as an indicator of environmental impact related to offshore oil and gas production along the Norwegian continental shelf. ---- *Marine Pollution Bulletin* 62, 2836-2844.

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ARIYAMA, H. & K. AZUMA 2011. A new genus and species of Paracalliopiidae (Crustacea: Amphipoda) from the Shimanto Estuary, western Japan. ---- *Species Diversity* 16, 137-147. (Not seen. *Mucrocallope shimantoensis* n. gen., n. sp)

ARIYAMA, H. & Y. FUJIWARA 2011. First record of *Erichthonius megalopus* (Sars, 1979) from bathyal Sagami Bay, including synonymization of *Erichthonius tolli* Brügger, 1909 with *Erichthonius megalopus* (Crustacea: Amphipoda: Ischyroceridae). ---- *Journal of Natural History* 45, 2795-2814. (The correct name of this amphipod is *Erichthonius megalops*. WV)

ARPONEN, H. & C. BOSTRÖM 2012. Responses of mobile epifauna to small-scale seagrass patchiness: is fragmentation important? ---- *Hydrobiologia* 680, 1-10. (Edge effects may have a more important role than patch size.)

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- BACH, L. & I. DAHLÖF 2012. Local contamination in relation to population genetic diversity and resilience of an arctic marine amphipod. ---- *Aquatic Toxicology* 114/115C, 58-66. (The amphipod is *Orchomenella pinguis*.)
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- BEERMANN, J. & H.-D. FRANKE 2011. A supplement to the amphipod (Crustacea) species inventory of Helgoland (German Bight, North Sea): indication of rapid recent change. ---- *Marine Biodiversity Records* 4, 15 pp (At least 7 spp are new to the area.)
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- BELAIDI, N., A. TALEB, A. MAHI & G. MESSANA 2011. Composition and distribution of stygobionts in the Tafna alluvial aquifer (north-western Algeria). ---- *Subterranean Biology* 8 (2010), 21-32. (3 amphipod spp)
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- BOETS, P., K. LOCK, P. L. M. GOETHALS, C. R. JANSEN & K. A. C. DE SCHAMPHELAERE 2012. A comparison of the short-term toxicity of cadmium to indigenous and alien gammarid species. ---- *Ecotoxicology*, in press (The indigenous spp are *Gammarus pulex* and *G. fossarum*, the alien spp *Dikerogammarus villosus*, *Echinogammarus berilloni*, *Gammarus roeseli* and *G. tigrinus*. Large differences between species, but no clear trend.)

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BOUSLAMA, M. F., F. CHARFI-CHEIKHROUHA, M. EL GTARI, K. NASRI-AMMAR, A. OUESLATI & F. SCAPINI 2011. Relationships between biological characteristics of the crustacean amphipod *Talitrus saltator*, including behavioural responses, and local environmental features. Case studies of Zouara and Korba (Tunisia). ---- *Travaux de l'Institut Scientifique, Rabat* 2011-6, 17-23.

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BUSCHBAUM, C., D. LACKSCHEWITZ & K. REISE 2012. Nonnative macrobenthos in the Wadden Sea ecosystem. ---- *Ocean & Coastal Management*, in press. (*Caprella mutica* and *Gammarus tigrinus* the only amphipods treated.)

CARDOSO, G. M., A. A. de la P. BUENO & R. L. FERREIRA 2011. A new troglobitic species of *Hyaella* (Crustacea, Amphipoda, Dogielinotodae) from Southeastern Brazil. ---- *Nauplius* 19, 17-26. (*H. spelaea* Bueno & Cardoso n. sp.)

CARDOSO, G. M., G. MATTOS, C. H. S. CAETANO, T. M. B. CABRINI, L. B. GALHARDO & F. MEIREIS 2012. Effects of environmental gradients on sandy beach macrofauna of a semi-enclosed bay. ---- *Marine Ecology* 33, 106-116

CARDOSO, R. S., F. MEIREIS & G. MATTOS 2011. Crustaceans composition in sandy beaches of Sepetiba Bay, Rio de Janeiro, Brazil. ---- *Check List* 7-6, 778-781. (Five amphipod species, i.a. *Ruffosius fluminensis*, in Table 1, p. 780.)

- CARROLL, M. L. & W. G. AMBROSE 2012. Benthic infaunal community variability on the northern Svalbard shelf. ---- *Polar Biology*, in press.
- CARVALHO, S., M. R. CUNHA, F. PEREIRA, P. POUSÃO-FERREIRA, M. N. SANTOS & M. B. GASPAR 2011. The effect of depth and sediment type on the spatial distribution of shallow soft-bottom amphipods along the southern Portuguese coast. ---- *Helgoland Marine Research*, in press. (Lots of interesting data!)
- CEVIK, C., L. CAVAS, S. MAVRUK, O. B. DERICI & F. CEVIK 2012. Macrobenthic assemblages of newly introduced *Caulerpa taxifolia* from the Eastern Mediterranean coast of Turkey. ---- *Biological Invasions* 14: 499-501. Doi: 10.1007/s10530-011-0095-7 (Names of the 31 crustaceans are in the online version – see through the doi.)
- CHAOUTI, A. & A. BAYED 2011. Categories of importance as a promising approach to value and conserve ecosystem integrity: the case study of Asilah sandy beach. ---- *Travaux de l'Institut Scientifique, Rabat 2011-6*, 107-110. (Deals i. a. with 5 species of sand-living amphipods)
- CHENELOT, H., S. C. JEWETT & M. K. HOBERG 2011. Macrobenthos of the nearshore Aleutian Archipelago, with emphasis on invertebrates associated with *Clathromorphum nereostratum* (Rhodophyta, Corallinaceae). ---- *Marine Biodiversity* 41, 413-424. (Amphipods only identified to family)
- CHOWN, S. L. 2012. Antarctic marine biodiversity and deep-sea hydrothermal vents. ---- *PLOS Biology* 10-1, 1-4.
- CISNEROS, K. O., A. T. SMIT, J. LAUDIEN & D. S. SCHOEMAN 2011. Complex, dynamic combination of physical, chemical and nutritional variables controls spatio-temporal variation of sandy beach community structure. ---- *PLOS One* 6-8, 13 pp (A S. African study.)
- COFFIN, M. R. S. , M. A. BARBEAU & D. J. HAMILTON 2012. Effect of the mud snail *Ilyanassa obsoleta* on vital rates of the intertidal amphipod *Corophium volutator*. ---- *Journal of Experimental Marine Biology and Ecology* 418-419, 12-23.
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- CONNELLY, T. L., D. DEIBEL & C. C. PARRISH 2011. Elemental composition, total lipid content, and lipid class proportions in zooplankton from the benthic boundary layer of the Beaufort Sea shelf (Canadian Arctic). ---- *Polar Biology*, in press (With data on 16 amphipod species)
- CONLAN K. E., S. L. KIM, A. R. THURBER & E. HENDRYCKS 2010. Benthic changes at McMurdo Station, Antarctica following local sewage treatment and regional iceberg-mediated productivity decline. ---- *Marine Pollution Bulletin* 60, 419-432. (Amphipods listed in Appendix 1)
- CONVEY, P., D. K. A. BARNES, H. J. GRIFFITHS, S. M. GRANT, K. LINSE & D. N. THOMAS 2012. *Biogeography and regional classifications of Antarctica*. ---- Chapter 15 in A. D. Rogers, N. M. Johnston, E. J. Murphy & A. Clarke (eds). *Antarctic ecosystems: an extreme environment in a changing world*. John Wiley & Sons, Ltd, Chichester, UK. (Not seen)
- COOK, K., M. A. VANDERKLIFT & A. G. B. POORE 2011. Strong effects of herbivorous amphipods on epiphyte biomass in a temperate seagrass meadow. ---- *Marine Ecology Progress Series* 442, 263-269. (When amphipods were excluded ---by a slow-release insecticide--- this resulted in a large increase in epiphytic algae in a *Posidonia* meadow.)
- CORBARI, L., L. DURAND, M.-A. CAMBON-BONAVITA , F. GALL & Ph. COMPÈRE 2012. New digestive symbiosis in the hydrothermal vent amphipod *Ventiella sulfuris*. ---- *Comptes Rendus Biologies*, in press (Bacterial communities are present in the midgut and hindgut.)

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- CORNET, S. 2012. Density-dependent effects on parasite growth and parasite-induced host immunodepression in the larval helminth *Pomphorhynchus laevis*. ---- *Parasitology* 138, 257-265. (A parasite of *Gammarus pulex*.)
- CORNET, S., G. LUQUET & L. BOLLACHE 2011. Influence of female moulting status on pairing decisions and size-assortative mating in amphipods. ---- *Journal of Zoology* 286, 312-319. (Studies on *Gammarus pulex*.)
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- COTHRAN, R. D., A. KUZNIC, G. A. WELLBORN & R. A. RELYEA 2010. Phenotypic manipulation provides insights into the function of a sexually selected trait in a freshwater crustacean species complex. ---- *Animal Behavior* 80, 543-549. (Not seen. A study on *Hyaella*.)
- COTHRAN, R. D., A. R. STIFF, P. D. JEYASINGH & R. A. RELYEA 2011. Eutrophication and predation risk interact to affect sexual trait expression and mating success. ---- *Evolution* 66, 708-719. (Studies on *Hyaella*)
- COTTIN, D., D. ROUSSEL, N. FOUCREAU, F. HERVANT & C. PISCART 2012. Disentangling the effects of local and regional factors on the thermal tolerance of freshwater crustaceans. ---- *Naturwissenschaften* 99, 259-264. (A study on *Gammarus pulex*)
- COULAUD, R., O. GEFFARD, B. XUEREB, E. LACAZE, H. QUÉAU, J. GARRIC & A. CHAUMOT 2011. *In situ* feeding assay with *Gammarus fossarum* (Crustacea): modelling the influence of confounding factors to improve water quality biomonitoring. ---- *Water Research*, in press.
- CRUZ-RIVERA, E. & M. FRIEDLANDER 2011. Feeding preferences of mesograzers on aquacultured *Gracilaria* and sympatric algae. ---- *Aquaculture* 322-323, 218-222.
- DABRIN, A., C. L. DURAND, J. GARRIC, O. EFFARD, B. J. D. FERRARI & M. COQUERY 2012. Coupling geochemical and biological approaches to assess the availability of cadmium in freshwater sediment. ---- *Science of the Total Environment*, in press. (*Gammarus fossarum* one of three test animals)
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- De-la-OSSA-CARRETERO, J. A., Y. del PILAR-RUSO, F. GIMENEZ-CASALDUERO, J. L. SÁNCHEZ-LIZASO & J. D. DAUVIN 2011. Sensitivity of amphipods to sewage pollution. ---- *Estuarine, Coastal and Shelf Science* 96, 129-138. (The many amphipods are listed in Table 1.)
- De los RÍOS-ESCALANTE, P. & A. M. LAZCANO 2011 (?). Aquatic Crustaceans in the Driest Desert on Earth: REports from the Loa River, Atacama Desert, Antofagasta Region, Chile. ---- *Global Advances in Biogeography*, Chpt 11. 209- 218.. (*Hyaella fossamanchini* and *H. kochi* - geographical table on p 211)
- DELGADO, L., F. GUERAO & C. RIBERA 2011. Effects of different salinities on juvenile growth of *Gammarus aequicauda* (Malacostraca: Amphipoda). ---- *International Journal of Zoology* 2011, 6pp.
- DEMCHENKO, N. L. 2010. Ecological aspects of the dominant amphipod *Monoporeia affinis* (Amphipoda: Pontoporeiidae) in the infralittoral zone on the northeastern coast of the Sakhalin Island (Sea of Okhotsk). ---- *Zool. baetica* 21, 143-149.
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- DEZFULI, B. S., A. LUI, S. SQUERZANTI, M. LORENZONI & A. P. SHINN 2012. Confirmation of the hosts involved in the life cycle of an acanthocephalan parasite of *Anguilla anguilla* (L.) from Lake Piediluco and its effects on the reproductive potential of its amphipod intermediate host. ---- *Parasitological Research*, in press. (The intermediate host is *Echinogammarus tibaldii*, and infected hosts had fewer eggs)
- DILLON, M. 2012. *Measuring acute toxicity by using Hyalella azteca in an in situ bioassay for oil contamination on the Kalamazoo river*. ---- Senior Individualized Project, Kalamazoo College (Not seen)
- DIONNE, K., R. VERGILINO, F. DUFRESNE, F. CHARLES & C. NOZAIS 2011. No evidence for temporal variation in a cryptic species community of freshwater amphipods of the *Hyalella azteca* species complex. ---- *Diversity* 3, 390-404. (Three sympatric cryptic *Hyalella* spp in one Quebec lake!)
- DIXON, M. J. & P. J. SHAW 2011. Watercress and water quality: The effect of phenethyl isothiocyanate on the mating behaviour of *Gammarus pulex*. ---- *International Journal of Zoology* 2011, 9 pp.
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- DOYLE, S. R., F. R. MOMO, J.-C. BRÊTHES & G. A. FERREYRA 2011. Metabolic rate and food availability of the Antarctic amphipod *Gondogeneia antarctica* (Chevreux 1906): seasonal variation in allometric scaling and temperature dependence. ---- *Polar Biology* 35, 413-424.
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- DROLET, D. & M. A. BARBEAU 2012. Population structure of a resident, immigrant and swimming population of *Corophium volutator* (Amphipoda) on an intertidal mudflat in the Bay of Fundy, Canada. ---- *Journal of Sea Research* 70, 1-13

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- DUFOUR, C. 2010. *The influence of stranded kelp (Durvillea antarctica) on the macrofaunal assemblages of a southern New Zealand exposed beach*. ---- M. Sc Thesis, Univ. of Otago, NZ (Not seen)
- DUFRESNE, F. & N. JEFFERY 2011. A guided tour of large genome size in animals: what we know and where we are heading. ---- *Chromosome Research* 19, 925-938. (Large genome sizes are particularly common in Arctic amphipods.)
- DUTRA, B. K., R. B. SANTOS, A. A. P. BUENO & G. T. OLIVEIRA 2011. Effects of different diets in the biochemical composition, lipid peroxidation and reproductive traits of *Hyalella pleoacuta* and *Hyalella curvispina*. ---- *Animal Biology* 61, 349-368. (Not seen)
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- DVORETSKY, A. G. & V. G. DVORETSKY 2011. Interspecific competition of symbiotic and fouling species of red king crab in the Barents Sea. ---- *Doklady Biological Sciences* 440, 300-302. (i.a. *Ischyrocerus commensalis*)
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- ESQUETE, P., J. MORIERA & J. S. TRONCOSO 2011. Peracarid assemblages of *Zostera* meadows in an estuarine ecosystem (O Grove inlet, NW Iberian peninsula): spatial distribution and seasonal variation. ---- *Helgoland Marine Research* 65, 445-455. (Amph. listed on p. 453)
- FABREGA, J., R. TANTRA, A. AMER, B. STOLPE, J. TOMKINS, T. FRY, J. R. LEAD, C. R. TYLER & T. GALLOWAY 2012. Sequestration of zinc from zinc oxide nanoparticles and life cycle effects in the sediment dweller amphipod *Corophium volutator*. ---- *Environmental Science & Technology* 46(2), 1128-1135. DOI: 10.1021/es202570g
- FANINI, L., G. M. MARCHETTI, A. BACZEWSKA, K. SZTYBOR & F. SCAPINI 2012. Behavioural adaptation to different salinities in the sandhopper *Talitrus saltator* (Crustacea: Amphipoda): Mediterranean vs Baltic populations. ---- *Marine & Freshwater Research* 63, 275-281. (Not seen)
- FINSTON, T. L., M. S. JOHNSON, S. M. EBERHARD, J. S. COCKING, J. M. McRAE, S. A. HALSE & B. KNOTT 2011. A new genus and two new species of groundwater paramelitid amphipods from the Pilbara, Western Australia: a combined molecular and morphological approach. ---- *Records of the Western Australian Museum* 26, 154-178. (Deals with *Maarrka weeliwolli* n. gen, n. sp. (Paramelitidae), found in the upper Fortescue River drainage, Pilbara, W. Australia, and *M. etheli* n sp. from Ethel Creek, Pilbara. Extensive molecular data on, as well as a key to Pilbara Paramelitidae are provided)

- FISHER, T. T., R. J. LAW, H. S. RUMNEY, M. F. KIRBY & C. KELLY 2011. Towards a scheme of toxic equivalency factors (TEFs) for the acute toxicity of PAHs in sediment. ---- *Ecotoxicology and Environmental Safety*, 74(8), 2245-2251. (*Corophium volutator* is test animal)
- FITZSIMONS, J. A. & M. ANTOS 2011. Ecological notes on the East Gippsland burrowing crayfish *Engaeus orientalis*, including burrow structure and associated fauna. ---- *Australian Zoologist* 35, 853-857. (Unidentified amphipod found in the burrows).
- FORD, A. 2012. Intersexuality in Crustacea: An environmental issue? ---- *Aquatic Toxicology*, 108, 125-129.
- FORSLUND, H., O. ERIKSSON & L. KAUTSKY 2012. Grazing and geographic range of the Baltic seaweed *Fucus radicans* (Phaeophyceae). ---- *Marine Biology Research* 8, 386-394 (*Gammarus* spp important grazers.)
- GALIL, B.S., P. F. CLAK & J. T. CARLTON (eds.) 2011. In the Wrong Place - Alien Marine Crustaceans: Distribution, Biology and Impacts. Invading Nature. ---- Springer Series in Invasion Ecology 6. 716 pages, 163 illustrations (87 in colour). ISBN-10: 9400705905; ISBN-13: 9789400705906.
- GALIPAUD, M., Z. GAUTHEY & L. BOLLACHE 2012. Pairing success and sperm reserve of male *Gammarus pulex* infected by *Cyathocephalus truncatus* (Cestoda: Spathobothriidae). ---- *Parasitology* 138, 1429-1425.
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- GERGS, R., J. GREY & K.-O. ROTHHAUPT 2011. Temporal variation in zebra mussel (*Dreissena polymorpha*) density structure the benthic food web and community composition on hard substrates in Lake Constance, Germany. ---- *Biological Invasions*, 13(12), 2727-2738.
- GERHARDT, A., M. BLOOR & C. LLOYD MILLS 2011. *Gammarus*: important taxon in freshwater and marine changing environments. ---- *International Journal of Zoology* 2011, 2pp (Introduction to *Gammarus* issue)
- GIRIBET, G. & G. D. EDGECOMBE 2012. Reevaluating the arthropod tree of life. ---- *Annual Review of Entomology*, 57, 167-186.
- GIUSTI, A., L. A. SOMMA & L. FERRARI 2012. Cadmium toxicity assessment in juveniles of the austral South America amphipod *Hyaella curvispina*. ---- *Ecotoxicology and Environmental Safety*, 79, 163-169.
- GISMONDI, E., C. COSSU-LEGUILLE & J.-N. BEISEL 2012. Acanthocephalan parasites: help or burden in gammarid amphipods exposed to cadmium? ---- *Ecotoxicology*, 21(4), 1188-1193. DOI: 10.1007/s10646-012-0873-8 (*Polymorphus minutus* in *Gammarus roeselii*; results are different for male and female amphipods.)
- GISMONDI, E., T. RIGAUD, J.-N. BEISEL & C. COSSU-LEGUILLE 2012. Microsporidia parasites disrupt the responses to cadmium exposure in a gammarid. ---- *Environmental Pollution* 160, 17-23. (*Gammarus roeselii*)
- GLADYSHEV, M. I., N. N. SUSHCHIK, G. S. KALACHOVA & O. N. MAKHUTOVA 2012. Stable isotope composition of fatty acids in organisms of different trophic levels in the Yenisei River. ---- *PLoS One* 7-3, e 34059. (i.a. *Eulimnogammarus viridis*.)
- GLAZIER, D. S., E. M. BUTLER, S. A. LOMBARDI, T. J. DEPTOLA, A. J. REESE & E. V. SATTERTHWAITE 2011. Ecological effects on metabolic scaling: amphipod responses to fish predators in freshwater springs. ---- *Ecological Monographs* 81, 599-618. (Not seen. Studies on *Gammarus minus*.)
- GLAZIER, D. S. & T. J. DEPTOLA 2011. The amphipod *Gammarus minus* has larger eyes in freshwater springs with numerous fish predators. ---- *Invertebrate Biology* 130, 60-67.

- GOLDING, L. A., U. BORGMANN & G. DUNN 2011. Validation of a chronic dietary cadmium bioaccumulation and toxicity model for *Hyalella azteca* exposed to field contaminated periphyton and lake water. ---- *Environmental Toxicology and Chemistry*, 30(11), 2628-2638.
- GONCALVES, S. C. & J. C. MARQUES 2011. The effects of season and wrack subsidy on the community functioning of exposed sandy beaches. ---- *Estuarine, Coastal and Shelf Science* 95, 165-177. (A Portuguese study)
- GOMEZ, J. & O. DEFEO 2011. Predictive modelling of the sandy-beach supralittoral amphipod *Atlantorchestoidea brasiliensis* along a macroscale estuarine gradient. ---- *Estuarine, Coastal and Shelf Science* 98, 84-93.
- GRABOWSKI, M., T. MAMOS, T. REWICZ, K. BACELA-SPYCHALSKA & M. OVCHARENKO 2012. *Gammarus varsoviensis* Jazdzewski, 1975 (Amphipoda, Gammaridae): a long overlooked species in Ukrainian rivers. ---- *North-western Journal of Zoology* 8, in press.
- GRABOWSKI, M., T. REWICZ, K. BACELA-SPYCHALSKA, A. KONOPACKA, T. MAMOS & K. JAZDZEWSKI 2011. Cryptic invasion of Baltic lowlands by freshwater amphipod of Pontic origin. ---- *Aquatic Invasions* 7, in press doi:10.3391/ai.2012.7.accepted (*Gammarus varsoviensis* is a Pontic invader, probably already expanding in the 19th century)
- GREBMAIER, J. M. 2012. Shifting patterns of life in the Pacific Arctic and sub-arctic seas. ---- *Annual Review of Marine Science* 4, 63-75.
- GUERRA-GARCIA, J. M., M. P. CABEZAS, E. BAEZA-ROJANO & J. C. GARCIA-GOMEZ 2011. Spatial patterns and seasonal fluctuations of intertidal macroalgal assemblages from Tarifa island, southern Spain: relationship with associated Crustacea. ---- *Journal of the Marine Biological Association UK* 91, 107-116.
- GUERRA-GARCIA, J. M., M. P. CABEZAS, E. BAEZA-ROMANO, D. IZQUIERDO, J. CORZO, M. ROS, J. A. SANCHEZ, A. DUGO-COTA, A. M. FLORES-LEON & M. M. SOLER-HURTADO 2011. Abundance patterns of macrofauna associated to marine macroalgae along the Iberian peninsula. ---- *Zoologia Baetica* 22, 3-17.
- GUERRA-GARCIA, J. M., M. ROS, A. DUGO-COTA, V. BURGOD, A. M. FLORES-LEÓN, E. BAEZA-ROJANO, M. P. CABEZAS & J. NUÑEZ 2011. Geographical expansion of the invader *Caprella scaura* (Crustacea: Amphipoda: Caprellidae) to the East Atlantic coast. ---- *Marine Biology* 158, 2617-2622. (Found in SW Spain and on Tenerife, Canary islands.)
- GUERRA-GARCIA, J. M., M. ROS, D. IZQUIERDO & M. M. SOLER-HURTADO 2012. The invasive *Asparagopsis armata* versus the native *Corallina elongata*. Differences in associated peracarid assemblages. ---- *Journal of Experimental Marine Biology & Ecology* 416-417, 121-128.
- GULLSTRÖM, M., S. BADEN & M. LINDEGARTH 2011. Spatial patterns and environmental correlates in leaf-associated epifaunal assemblages of temperate seagrass (*Zostera marina*) meadows. ---- *Marine Biology* 159, 413-425. (A Swedish study; *Corophium insidiosum* and *Erichthonius difformis* very abundant)
- GURKAN, S., T. M. SEVER & E. TASKAVAK 2011. Seasonal food composition and prey-length relationship of pipefish *Nerophis ophidion* (Linnaeus, 1758) inhabiting the Aegean Sea. ---- *Acta Adriatica* 52, 5-14. (Amphipods are the predominant prey)
- GUTOW, L., J. D. LONG, O. CERDA, I. A. HINOJOSA, E. ROTHÄUSLER, F. TALA & M. THIEL 2011. Herbivorous amphipods inhabit protective microhabitats within thalli of giant kelp *Macrocystis pyrifera*. ---- *Marine Biology* 139, 141-149. (Studies on *Peramphithoe femorata* in Chile.)
- HÄNFLING, B., F. EDWARDS & F. GHERARDI 2011. Invasive alien Crustacea: dispersal, establishment, impact and control. ---- *BioControl* 56, 573-595.

- HANNIBAL, R. L., A. L. PRICE & N. H. PATEL 2011. The functional relationship between ectodermal and mesodermal segmentation on the crustacean, *Parhyale hawaiiensis*. ---- *Developmental Biology*, 361, 427-438.
- HARTKE, T. R., C. FISER, J. HOHAGEN, S. KLEBER, R. HARTMANN & S. KOENEMANN 2011. Morphological and molecular analysis of closely related species in the stygobiontic genus *Niphargus* (Amphipoda). ---- *Journal of Crustacean Biology* 31, 701-709. (On *N. aquilex*, *N. fontanus*, *N. schellenbergi*, *N. rhenorhodanensis* and *N. virei*)
- HARTLAND, A., G. D. FENWICK & S. J. BURY 2012. Tracing sewage-derived organic matter into a shallow groundwater food web using stable isotope and fluorescence signature. ---- *Marine & Freshwater Research* 62, 119-126. (i.a. *Paraleptamphopus*)
- HATCHER, M. J., J. T. A. DICK & A. M. DUNN 2012. Diverse effects of parasites in ecosystems: linking interdependent processes. ---- *Frontiers in Ecology and the Environment*, 10(4), 186-194. (Not seen)
- HAUG, C., G. MAYER, V. KUTSCHERA, D. WALOSZEK, A. MAAS & J. T. HAUG 2011. Imaging and documenting Gammarideans. ---- *International Journal of Zoology* 2011-11, 9 pp. (A most useful survey of different methods)
- HELCOM 2012. Checklist of Baltic Sea Macro-species. *Baltic Sea Environmental Proceedings* 130. 1-203.
- HERKÜL, K. & J. KOTTA 2009. Effects of eelgrass (*Zostera marina*) canopy removal and sediment addition on sediment characteristics and benthic communities in the Northern Baltic Sea. ---- *Marine Ecology* 30, Suppl. 1, 74-82
- HOOP, L. de, A. SCHIPPER, R. LEUVEN, M. HUIJBREGTS, G. H. OLSEN, M. SMIT & J. HENDRIKS 2011. Sensitivity of polar and temperate marine organisms to oil components. ---- *Environmental Science and Technology*, in press.
- HOP, H., C. J. MUNDY, M. GOSSELIN, A. L. ROSSNAGEL & D. G. BARBER 2011. Zooplankton boom and ice amphipod bust below melting sea ice in the Amundsen Gulf, Arctic Canada. ---- *Polar Biology* 34, 1947-1958.
- HOU, Z., B. SKET, C. FISER & S. LI 2011. Eocene habitat shift from saline to freshwater promoted Tethyan amphipod diversification. ---- *Proceedings of the National Academy of Sciences USA* 108, 14533-14538. (An important molecular study on 115 species of *Gammarus* s. l.)
- HOWE, P. L. & M. W. CLARK 2011. Toxicity of raw and neutralized bauxite refinery residue liquors to the freshwater cladoceran *Ceriodaphnia dubia* and the marine amphipod *Paracalliope australis*. ---- *Environmental Toxicology*, 30(12), 2817-2824.
- HUNNEKUHL, V. S. & C. WOLFF 2012. Reconstruction of cell lineage and spatiotemporal pattern formation of the mesoderm in the amphipod crustacean *Orchestia cavimana*. ---- *Developmental Dynamics*, in press.
- HYNE, R. V. 2011. Review of the reproductive biology of amphipods and their endocrine regulation: identification of mechanistic pathways for reproductive toxicants. ---- *Environmental Toxicology and Chemistry*, 30(12), 2647-2657. (An important review paper)
- IANNILLI, V., T. KRAPP & S. RUFFO 2011. Freshwater amphipods from Madagascar with description of a new family, three new genera and six new species (Crustacea, Amphipoda). ---- *Bollettino del Museo Civico di Storia Naturale di Verona, Botanica Zoologia* 35, 93-137. (Deals with *Davidia* new genus (In the here erected family Austroniphargidae), with *D. spinicaudata* n. sp. (Fianarantsoa), *Dussartiella aurifex* n. sp. (Antananarivo), *Libertinia* n. gen. (Austroniphargidae) with *L. latibasis* n. sp. (generotype, Tuléar) and *L. longitelson* n. sp. (Tuléar), *Reinhardia* n. gen. (Austroniphargidae), monotypic for *R. dimorpha* n. sp. (Antsiranana), and *Sandro spinidactylus* n. sp. (Fianarantsoa). A key to all Madegassan freshwater species is provided, as well as a survey of all reported non-marine species on the island. There is an extensive discussion on the phylogeny and classification of the freshwater species of Madagascar; most belong in the

here erected family Austroniphargidae; besides the three new genera this family contains the genera *Austroniphargus* and *Sandro*. The taxonomic position of *Dussartiella* remains unclear.)

ILARRI, M. I., F. FREITAS, S. COSTA-DIAZ, C. ANTUNES, L. GUILHERMINO & R. SOUZA 2012. Associated macrozoobenthos with the invasive Asian clam *Corbicula fluminea*.---- *Journal of Sea Research*, in press. (A study from NW Spain) doi: 10.1016/j.seares.2011.10.0002

ILIFFE, T. M., R. KVITEK, S. BLASCO, K. BLASCO & R. COVILL 2011. Search for Bermuda's deep water caves. ---- *Hydrobiologia*, 677, 157-168. DOI 10.1007/s10750-011-0883-1

INGELS, J., A. VANREUSEL, A. BRANDT, A. I. CATARINO, B. DAVID, C. DE RIDDER, Ph. DUBOIS, A. J. GOODAY, P. MARTIN, F. PASOTTI & H. ROBERT 2012. Possible effects of global environmental changes on Antarctic benthos: a synthesis across five major taxa. -----*Ecology and Evolution* 2, 453-485. (Not seen, unfortunately. Amphipoda one of the five taxa.)

ITO, A, M. N. AOKI, K. YAHATA & H. WADA 2011. Embryonic development and expression analysis of *Distal-less* in *Caprella scaura* (Crustacea, Amphipoda, Caprellidea). ---- *Biological Bulletin* 221, 206-214. (Not seen)

JACKSON, B. P., D. BUGGE, J. F. RANVILLE & C. CHEN 2012. Bioavailability, toxicity, and bioaccumulation of quantum dot nanoparticles to the amphipod *Leptocheirus plumulosus*. ---- *Environmental Science and Technology*, in press DOI: 10.1021/es202864r

JACOB, U., A. THIERRY, U. BROSE, W. E. ARNTZ, S. BERG, T. BREY, I. FETZER, T. JONSSON, K. MINTENBECK, C. MÖLLMANN, O. L. PETCHEY, J. O. RIEDE & J. A. DUNNE 2011. The role of body size in complex food webs: A cold case. ----*Advances in Ecological Research* 45, 181-223. (This paper discusses the food web in the Weddell Sea. A species list is found on pp 206-216.)

JAMIESON, A. J., A.-N. LÖRZ, T. FUHI & I. G. PRIEDE 2011. In situ observations of trophic behaviour of *Princaxelia* amphipods (Crustacea: Pandaliscidae) at hadal depths in four West Pacific Trenches. ---- *Journal of the Marine Biological Association UK* 92, 143-150. (Strong and persistent swimmers, these amphipods, *P. jamiesoni*, prey on smaller lysianassoids near bait.)

JANIAK, D. S. & R. B. WHITLATCH 2012. Epifaunal and algal assemblages associated with the native *Chondrus crispus* (Stackhouse) and the non-native *Grateloupia turuturu* (Yamada) in eastern Long Sound. ---- *Journal of Experimental Marine Biology and Ecology* 413, 38-44. (Fewer species and individuals in *Grateloupia*)

JAZDZEWSKA, A. & T. KRAPP-SCHICKEL 2011. New data on the distribution of stenothoid amphipods (Crustacea) from Scotia Arc, West Antarctic. ---- *Polish Polar Research* 32, 293-320. (With data on *Metopoides clavata*, *M. cf crassa*, *M. heterostylis*, *M. lata*, *M. magellanica*, *Scaphodactylus carinatus* (with *Torometopa pseudoperlata* as a synonym), *S. dentimanus* (with *Proboloides laevis* as a synonym), *Torometopa cf antarctica*, *T. cf crenatipalmatus*, ?*T. macrocheir* (with *Proboloides nititus* as a synonym), *Antatelson walkeri*, and *Prometopa tuberculata*. A list of all stenothoids collected is given in Table 1 (pp. 314-315).)

JELASSI, R., H. KHEMAISSIA & K. NASRI-AMMAR 2012. Intra-annual variation of the spatiotemporal distribution and abundance of Talitridae and Oniscidea (Crustacea, Peracarida) at Bizerte Lagoon (northern Tunisia). ---- *African Journal of Ecology* DOI: 10.1111/j.1365-2028.2012.01326.x

JONES, D., C. MRABURE & A. GATES 2011. *Using industrial remotely operated vehicles in stand-by time for deep-water biodiversity assessment: a case study from offshore Nigeria*. ---- Society of Petroleum Engineers, Annual Technical Conference and Exhibition, Denver, Colorado, Oct.-Nov. 2011. SPE 146439

JOSEFSSON, S., K. LEONARDSSON, J. S. GUNNARSSON & K. WIBERG 2011. Influence of contaminant burial depth on the bioaccumulation of PCBs and PBDEs by two benthic invertebrates (*Monoporeia affinis* and *Marenzelleria* spp.). ---- *Chemosphere*, 85, 1444-1451.

- JOYDAS, T. V., M. A. QURBAN, A. AL-SUWAILEM, P. K. KRISHNAKUMAR, Z. NAHEER & N. A. CALI. Macrobenthic community structure in the northern Saudi waters of the Gulf, 14 years after the 1991 oil spill. ---- *Marine Pollution Bulletin* 64, 325-335. (Mainly about polychaetes. 'Oil sensitive amphipods had recolonized the study area.')
- JUBEAUX, G., R. SIMON, A. SALVADOR, H. QUÉAU, A. CHAMOT & O. GEFFARD 2012. Vitellogenin-like proteins in the freshwater amphipod *Gammarus fossarum* (Koch, 1835): Functional characterization throughout reproductive process, potential for use as an indicator of oocyte quality and endocrine biomarker in males. ---- *Aquatic Toxicology* 112/113, 72-82.
- JUNKER, K., D. SOVILJ, I. KRÖNCKE & J. W. DIPPNER 2012. Climate induced changes in benthic macrofauna —A non-linear model approach. ---- *Journal of Marine Systems*, in press.
- JUST, J. 2012. Siphonocetini Just, 1983 (Crustacea, Amphipoda, Ischyroceridae) 9: New species in *Rhinoecetes* Just, 1983, *Cephaloecetes* gen. nov. and *Neoecetes* gen. nov. from the south-eastern Australian shelf. ---- *Zootaxa* 3234, 1-42. (Deals with *Rhinoecetes robustus*, *Rh. rhinoceros* n. sp. (Pittwater, Sydney, NSW), *Rh. dinoceros* n. sp. (Jervis Bay, NSW), *Rh. brevirostris* n. sp. (Burwood Beach, NSW), *Rh. coclearis* n. sp. (E. Bass Strait, Vic.), *Rh. meridianus* n. sp. (Port Phillip Bay, Vic.), *Rh. albomaculosus* n. sp. (Jervis Bay, NSW), *Cephaloecetes enigmaticus* n. gen. n. sp. (Jervis Bay, NSW) and *Neoecetes conipes* n. gen. n. sp. (Port Phillip Bay, Vic.). Key to all the taxa are provided.)
- KARAMAN, G. S. 2011. Catalogue: Fauna of Gammaridean Amphipoda (Crustacea, Malacostraca) of the Adriatic Sea. ---- *Montenegrin Academy of Sciences and Arts* 2, 1-288. (A complete and critical listing of all amphipod records from the Adriatic Sea, an important contribution to our zoogeographic knowledge)
- KEDRA, M., J. LEGEZYNSKA & W. WALKUSZ 2011. Shallow winter and summer macrofauna in a high Arctic fjord (79°N, Spitsbergen). ---- *Marine Biodiversity* 41, 425-439. (Amphipods listed on p. 437.)
- KELLY, J. R., R. E. SCHEIBLING & T. BALCH 2011. Invasion-mediated shifts in the macrobenthic assemblage of a rocky subtidal ecosystem. ---- *Marine Ecology Progress Series* 437, 69-78. (A studies of changes in Nova Scotia subtidal ecosystems after sea urchin depredations and invasions of *Membranipora* and *Codium*).
- KENNEDY, K., M. A. BARBEAU & D. DROLET 2011. Winter population dynamics of the intertidal amphipod *Corophium volutator* in the Bay of Fundy. ---- *CGU HS Committee on River Ice Processes and the Environment. 16th Workshop on River Ice, Winnipeg, Sept. 2011.*, 225-237.
- KHALAMAN, V. V. & A. Yu. KOMENDANTOV 2011. Structure of fouling communities formed by *Halichondria panicea* (Porifera: Demospongiae) in the White Sea. ---- *Russian Journal of Ecology* 42, 493-501. (Six amphipod spp in Table 1.)
- KHAN, F. R., N. R. BURY & C. HOGSTRAND 2012. Copper and zinc detoxification in *Gammarus pulex* (L.). ---- *Journal of Experimental Biology* 215, 822-832. (Not seen)
- KI, J.-S., H.-U. DAHM, I.-C. KIM, H. G. PARK, H. HOP & J.-S. LEE 2011. Molecular relationships of gammaridean amphipods from Arctic sea ice. ---- *Polar Biology* 34, 1559-1569. (New data on *Apherusa glacialis*, *Gammarus wilkitzkii*, *Onisimus glacialis* and *O. nansenii*)
- KILGALLEN, N. M. 2011. New species of Hyalidae (Crustacea, Peracarida, Amphipoda) from New Zealand waters. ---- *New Zealand Journal of Zoology* 38, 251-259. (*Apohyale papanuiensis* n. sp. (Otago Peninsula, earlier reported as *Hyale media*), and *A. freemanae* n. sp. (Antipodes islands), with a key to NZ *Apohyale*.)
- KIM, Y.-H. 2012. *Sinocorophium hangangense* sp. n. (Crustacea, Amphipoda, Corophiidae), a new species from Korea, with a key to the genus *Sinocorophium*. ---- *ZooKeys* 181: 53-65. (*S. hangangense* new species from the Gongreung Stream, Paju-si, Korea; key to all *Sinocorophium* species and a synoptic table comparing 7 species)

- KIM, Y.-H., E. A. HENDRYCKS & K.-S. LEE 2011. The genus *Guerne* Chevreux, 1887 from Korean waters (Crustacea: Amphipoda: Dexaminidae). ---- *Zootaxa* 3104, 1-25. (Deals with *Guerne ezoensis*, *G. jejuensis* n. sp. (Jejudo Islands), *G. namhaensis* n. sp. (S. Korean coast) and *G. nullispina*. A key to N. Pacific *Guerne* is provided.)
- KING, R. A. & R. LEYS 2011. The Australian freshwater amphipods *Austrochiltonia australis* and *Austrochiltonia subtenuis* (Amphipoda: Talitroidea: Chiltoniidae) confirmed and two new cryptic Tasmanian species revealed using a combined molecular and morphological approach. ---- *Invertebrate Systematics* 25, 171-196. (This nice study deals with *Au. australis*, *Au. clydensis* n. sp. (Clyde river, Tasmania), *Au. cooperi* n. sp. (Lake Petrarch, Tasmania) and *Au. subtenuis*, for which taxon a neotype is established. A key to known Australian chiltoniids is provided.)
- KNOX, M. A., I. D. HOGG, C. A. PILDITCH, A.-N. LÖRZ & S. D. NODDER 2012. Abundance and diversity of epibenthic amphipods (Crustacea) from contrasting bathyal habitats. --- *Deep Sea Research I* 62, 1-9
- KOBAK, J., M. POZNANSKA & T. KAKAREKO 2012. Behavioural changes of zebra mussel *Dreissena polymorpha* (Bivalvia) induced by Ponto-Caspian gammarids. ---- *Biological Invasions*, in press. DOI: 10.1007/s10530-012-0197-x
- KOBAYASHI, S., T. GOMI, R. C. SIDLE & J. N. NEGISHI 2012. Distribution of amphipods (*Gammarus nipponensis* Ueno) among mountain headwater streams with different legacies of debris flow occurrence. ---- *Ecohydrology*, in press. DOI: 10.1002/eco.1249
- KOEHLER, A. V., Y. P. SPRINGER, H. S. RANDHAVA, T. L. F. LEUNG, D. B. KEENEY & R. POULIN 2011. Genetic and phenotypic influences on clone-level success and host specialization in a generalist parasite. ---- *Journal of Evolutionary Biology*, on line. (The trematode *Maritrema novaezealandensis* is a general parasite of N. Zealand amphipods and decapods.-)
- KOEHLER, E van ARSDALE 2011. *Genetics and ecology of host specificity in the trematode parasite Maritrema novaezealandensis*. ---- Doctoral Thesis, Univ. of Otago, NZ (Not seen. The hosts are *Paracalliope novizealandiae* and *Heterophoxus stephensi*.)
- KOKON, M. C. H. & J. GRALL 2011. Easier detection of invertebrate "identification-key characters" with light of different wavelengths. ---- *Frontiers in Zoology* 8/1/27. (Deep blue or ultraviolet light makes many features much easier to see.)
- KOPLOVITS, G. & J. B. McCLINTOCK 2011. An evaluation of chemical and physical defenses against fish predation in a suite of seagrass-associated ascidians. ---- *Journal of Experimental Marine Biology and Ecology* 407, 48-53.
- KÖPPEN, K. & C. O. COLEMAN 2011. *Seba henriki*, a new amphipod (Crustacea, Sebiidae) from Norfolk Island, Australia. ---- *Zoosystematics and Evolution* 87, 319-326.
- KORNOBIS, E. & S. PÁLSSON 2011. Discordance in variation of the ITS region and the mitochondrial COI gene in the subterranean amphipod *Crangonyx islandicus*. ---- *Journal of Molecular Ecology* 73, 34-44.
- KORNOBIS, E., S. PÁLSSON & J. SVAVARSSON 2012. Classification of *Crangonyx islandicus* (Amphipoda, Crangonyctidae) based on morphological characters and comparison with molecular phylogenies. ---- *Zootaxa* 3233, 52-66.
- KRAFT, A., E. BAUERNFEIND & E.-M. NÖTHIG 2011. Amphipod abundance in sediment trap samples at the long-term observatory HAUSGARTEN (Fram Strait, ~79°N/4°E). Variability in species community patterns. ---- *Marine Biodiversity* 41, 353-364. (Nine pelagic amphipod spp listed on p. 357, with *Themisto* spp dominant.)
- KRAFT, A., E. BAUERNFEIND & E.-M. NÖTHIG 2011. Size structure and life cycle patterns of dominant pelagic amphipods collected as swimmers in sediment traps in the eastern Fram Strait. ---- *Journal of Marine Systems*, 95, 1-15.

- KRAPP-SCHICKEL, T. 2011. New Antarctic stenothoids sensu lato (Amphipoda, Crustacea). ---- *European Journal of Taxonomy* 2, 1-17. (Deals with *Prometopa cedrici* n. sp. (Larsen B area), with key to *Prometopa*, *Antatelson walkeri*, and *A. claudoi* n. sp. (Shag Rocks), with key to *Antatelson*.)
- KRAPP-SCHICKEL, T. & H.-G. MÜLLER 2011. Known and unknown hadzioidean amphipods from Polynesia with *Elasmopus polynesius* sp. nov. and *Kairos segregans* gen. nov., sp. nov.. ---- *Marine Biodiversity Records* 4, 11 pp. (Deals with *Elasmopus alalo*, *E. hawaiiensis*, *E. hooheo*, *E. polynesius* n. sp. (Bora Bora) and *Kairos segregans* n. gen, n. sp. (Carangoliopsidae; Bora Bora).)
- KREBES, L., M. BLANK & R. BASTROP 2011. Phylogeography, historical demography and postglacial colonization routes of two amphi-Atlantic distributed amphipods. ---- *Systematics and Biogeography* 9, 259-273. (The species concerned are *Gammarus duebeni* and *G. oceanicus*.)
- KRÖNCKE, I., H. REISS, J. D. EGGLETON, J. ALDRIDGE, M. J. N. BERGMAN, S. COCHRANE, J. A. CRAEYMEERSCH, S. DEGRAER, N. DESROY, J.-M. DEWARUMÉZ, G. C. A. DUINEVELD, K. ESSINK, H. HILLEWAERT, M. S. S. LAVALEYE, A. MOLL, S. NEHRING, R. NEWELL, E. OUG, T. POHLMANN, E. RACHOR, M. ROBERTSON, H. RUMOHR, M. SCHRATZBERGER, R. WMITH, E. VANDEN BERGHE, J. van DALFSEN, G. van HOEY, M. VINCX, W. WILLEMS & H. L. REES 2011. Changes in North Sea macrofauna communities and species distribution between 1986 and 2000. ---- *Estuarine, Coastal and Shelf Science* 94, 1-15.
- KRONENBERGER, K., C. DICKO & F. VOLLRATH 2011. A novel marine silk. ---- *Naturwissenschaften* 99, 3-10. (Describes and analyzes the amphipod silk from *Crassikorophium bonellii*.)
- KRONENBERGER, K., P. G. MOORE, K. HALCROW & F. VOLLRATH 2012. Spinning a marine silk for the purpose of tube-building. ---- *Journal of Crustacean Biology* 32, 191-202. (*Crassikorophium bonellii* and *Lembos websteri*.)
- LA PORTA, B., M. TARGUI, L. LATTANZI, P. LA VALLE, D. PAGNETTI & L. NICOLETTI 2009. Relict sand dredging for beach nourishment in the central Tyrrhenian Sea (Italy): effects on benthic assemblages. ---- *Marine Ecology* 30, Suppl. 1, 97-104. (Many amphipods listed on p. 100.)
- LACERDA, M. B. & S. MASUNARI 2011. (Identification key for caprellids (Crustacea, Amphipoda) from the coast of Parana and Santa Catarina states). ---- *Biota Neotropica* 11-3, 12 pp. (In Portuguese, covering 10 species.)
- LACERDA, M. B., I. TAKEUCHI & S. MASUNARI 2011. Redescription of the rare amphipod crustacean *Pseudaeginella montoucheti* (Quitete, 1971) from Brazil. ---- *ZooKeys* 146, 1-17. (With a key to all *Pseudaeginella*)
- LALONDE, B. A. & W. ERNST 2012. Analysis of benthic invertebrate communities as a function of distance from two fish-processing plant effluent discharges in New Brunswick, Canada. ---- *Archives of Environmental Contamination and Toxicology*, in press. DOI 10.1007/s00244-012-9749-4
- LANNIN, R. & K. HOVEL 2011. Variable prey density modifies the effects of seagrass structure on predator-prey interactions. ---- *Marine Ecology Progress Series* 442, 59-70.
- LARSEN, M. H., K. T. JENSEN & K. N. MOURITZEN 2011. Climate influences parasite-mediated competitive release. ---- *Parasitology* 138(11), 1436-1441. (Data on *Corophium arenarium* and *C. volutator*.)
- LARSEN, P. F. 2012. The macroinvertebrate fauna of rockweed (*Ascophyllum nodosum*)-dominated low-energy rocky shores of the northern Gulf of Maine. ---- *Journal of Coastal Research* 28, 36-42.
- LAUDIEN, J. & J.-B. ORCHARD, 2012. The significance of depth and substratum incline for the structure of a hard bottom sublittoral community in glacial Kongsfjorden (Svalbard, Arctic)—an underwater imagery approach. ---- *Polar Biology*, in press. DOI 10.1007/s003000-001-1153-4

- LAWSON HANDLEY, L.-J., A. ESTOUP, D. M. EVANS, C. E. THOMAS, E. LOMBAERT, B. FACON, A. AEBI & H. E. ROY 2011. Ecological genetics of invasive alien species. ---- *BioControl* 56, 409-428.
- LAZO-WASEM, E. A., T. PINOU, A. PEÑA DE NIZ & A. FEUERSTEIN 2011. Epibionts associated with nesting marine turtles *Lepidochelys olivacea* and *Chelonia mydas* in Jalisco, Mexico: A review and field guide. ---- *Bulletin of the Peabody Museum of Natural History*, 52(2), 221-240. (*Podocerus chelonophilus* and other turtle epibionts; nice images)
- LEEVEES, S. A. 2011. *Bioaccumulation of arsenic, cadmium, mercury, lead and selenium in the benthic and pelagic food chain of Lake Baikal*. ---- M Sc Thesis, Norwegian University of Science and Technology. (Not seen)
- LEGEZYNSKA, J., M. KEDRA & W. WALKUSZ 2012. When season does not matter: summer and winter trophic ecology of Arctic amphipods. ---- *Hydrobiologia* 684, 189-214. ('In general, amphipods feeding habits appeared to be independent of the seasonal phytodetrital pulses.')
- LI, M. 2011. *Interactive effects of phosphorus and copper on Hyalella azteca and periphyton*. ---- M Sc Thesis, Univ. of Michigan, 40pp.
- LIM, J. H. C. & I. TAKEUCHI 2012. The distinctive species characteristics of *Metaprotella sandalensis* Mayer, 1898 (Crustacea: Amphipoda), commonly distributed throughout the tropical west Pacific coasts. ---- *The Raffles Bulletin of Zoology* 60, 23-34. (This redescription of topotypic material shows that *M. sandalensis* auct. probably is a species complex.)
- LIZOTTE, R. E., F. D. SHIELDS, J. N. MURDOCK & S. S. KNIGHT 2012. Responses of *Hyalella azteca* and phytoplankton to a simulated agricultural runoff event in a managed backwater wetland. ---- *Chemosphere* 87, 684-691.
- LÖRZ, A.-N. 2012. First records of Epimeriidae and Iphimediidae (Crustacea, Amphipoda) from Macquarie Ridge, with description of a new species and its juveniles. ---- *Zootaxa* 3200, 49-60 (Deals with *Epimeria ashleyi* n. sp. (Hjort Seamount, Macquarie Ridge, 1580m) and *Labriphimedia pulchridentata*, earlier only known from off Heard Island.)
- LÖRZ, A.-N., K. LINSE, P. J. SMITH & D. STEINKE 2012. First molecular evidence for underestimated biodiversity of *Rhachotropis* (Crustacea, Amphipoda), with description of a new species. ---- *PLoS One* 7 (3), e 32365. (The new species is *Rh. novazealandica* from the Chatham Rise, NZ. The study suggests the presence of further cryptic species in the New Zealand area.)
- LÖRZ, A.-N., P. SMITH, K. LINSE & D. STEINKE 2011. High genetic diversity within *Epimeria georgiana* (Amphipoda) from the southern Scotia Arc. ---- *Marine Biodiversity*, in press. (DNA barcoding revealed 4 clades among *E. georgiana* s.l. material, three of which are morphologically indistinguishable. The fourth is here described as *E. angelikae* n. sp. (off Kap Norvegia, E. Weddell Sea).)
- LOWRY, J. K. & H. E. STODDART 2012. The Pachynidae fam. Nov. (Crustacea: Amphipoda: Lysianassoidea). ---- *Zootaxa* 2146, 1-69. (This is a monograph over this family, which here for the first time is erected officially. It consists of the following taxa, which almost all are described and illustrated here: *Acheronia pegasus*, *Coriolisa novacaledonia*, *Drummondia corinellae*, *D. luce* n. sp. (Golfo Corcovado, Chile), *D. marlo* n. sp. (Bass Strait, Vic.), *D. parviramus*, *D. tridentata* n. sp. (Point Hicks, Vic.), *Ekelofia eltanin* n. sp. (Ross Sea, 76°02'S, 179°57'W), *E. oculata*, *Figorella angulosa* n. sp. (E. of Merimbula, NSW, 1600m), *F. corindon*, *F. formosa* n. sp. (E. of Nowra, NSW), *F. franklin* n. sp. (NE of Twofold bay, NSW, 1000m), *F. macrophoculata*, *F. tanidea*, *F. tasmanica*, *Pachychelium davidis*, *P. fucaense* n. sp. (Juan de Fuca Strait, BC, Canada), *P. tropicale* n. sp. (off Flynn Reef, Qld, 1000m), *Pachynus barnardi*, *P. chelatum*, *P. denticulatum*, *P. obsolescens* n. sp. (Bass Strait, Tasm.), *P. pugilator*, *Prachynella epa* n. sp. (SW of San Francisco, Calif., 2010m), *P. lodo*, *P. mediterranea*, *P. oculata* n. sp. (32°31'N, 117°15'W, Calif.), *P. shijiki* n. sp. (W. Kyushu, Japan), *Renella* n. gen. monotypic, for *Drummondia sculptidentata*, *Sheardella kapala*, *S. tangaroa*, *Smaraldia* n. gen. for *S. springthorpei* n. sp. (Torabay Bay, W. Austr.), and *Ultimachelium* n. gen., with as type species *U. tac* n. sp. (Golfo de Ancud, Chile), and as further species *U. barnardi* and *U. nichollsi*, both transferred from *Pachychelium*. Keys to all taxa are provided.)

LOWRY, J. K. & H. E. STODDART 2012. Australian and South African conicostomatine amphipods (Amphipoda: Lysianassoidea; Lysianassidae: Conicostomatinae subfam.nov.). ---- *Zootaxa* 3248: 43-65. (Deals with the subfamily Conicostomatinae, here finally formally erected, with a key to the 6 genera, and keys to all species. The genus *Amphorites* n. gen. is erected, with *Stomacontion pungapunga* as type, and further species *S. hurleyi* and *Amphorites annasona* n. sp. (Middleton Reef, Tasman Sea); *Conicostoma carta* is redescribed, and in *Ocosingo* there is also a new species, *O. yatala* n. sp. (King Island, Bass str.). Finally, there are 3 new spp in *Scopolostoma* (which is a neutral noun): *S. darwinense* n. sp. (Darwin, NT), *S. keurboomstrandense* n. sp. (Port Elizabeth, S. Africa), the latter earlier recorded by Griffiths as *S. prionoplax*, and *S. norah* n. sp. (Norah Head, NSW.).)

LYUBINA, O. S., O. L. ZIMINA & N. A. ANISIMOVA 2012. Distribution and variation of the amphipod fauna (Crustacea, Amphipoda) in the Kola section (Barents Sea). ---- *Doklady Biological Sciences* 442, 27-30.

MACDONALD, E. C., M. G. GINN & D. J. HAMILTON 2012. Variability in foraging behaviour and implications for diet breadth among Semipalmated sandpipiers staging in the Upper Bay of Fundy. ---- *The Condor* 114, 135-144. (The birds feed mainly on *Corophium volutator*.)

MACDONALD, T. A., B. J. BURD, V. I. MACDONALD & A. VAN ROODSELAAR 2010. Taxonomic and feeding guild classification for the marine benthic macroinvertebrates of the Strait of Georgia, British Columbia. ---- *Canadian Technical Report of Fisheries and Aquatic Sciences* 2874, iv + 63 p. (amphipod species abundance and biomass, in part used to establish large-scale picture of biota in the Strait of Georgia)

MacNEIL, C., & J. T. A. DICK, 2011. Differential predatory and interference interactions between native and invasive freshwater amphipods and a co-occurring mysid (Crustacea). ---- *Hydrobiologia* 683, 35-42. (*Gammarus duebeni cellicus*, *G. tigrinus*, *Crangonyx pseudogracilis* and *Mysis relicta* in Lough Neigh, Ireland)

MAITY, S., A. JANNASCH, J. ADAMEC, M. GRIBSKOV, T. NALEPA, T. O. HÖÖK & M. S. SEPULVEDA 2012. Metabolite profiles in starved *Diporeia* spp. Using liquid chromatography-mass spectrometry (Lc-MS) based metabolomics. ---- *Journal of Crustacean Biology* 32, 239-248.

MAITY, S., A. JANNASCH, J. ADAMEC, T. NALEPA, T. O. HÖÖK & M. S. SEPULVEDA 2012. Starvation causes disturbance in amino acid and fatty acid metabolism in *Diporeia*. ---- *Comparative Biochemistry and Physiology B*, 161, 348-355.

MALHI, G. S. 2012. *The chronic toxicity of titanium dioxide nanoparticles to the freshwater amphipod Hyalella azteca*. ---- M.Sc Thesis, Wilfred Laurier University, Canada. (Not seen)

MANCINELLI, G. 2012. On the trophic ecology of Gammaridea (Crustacea: Amphipoda) in coastal waters: A European-scale analysis of stable isotope data. ---- *Estuarine, Coastal and Shelf Science*, in press DOI: 10.1016/j.ecss.2011.12.003.

MANCINELLI, G. 2012. To bite, or not to bite? A quantitative comparison of foraging strategies among three brackish crustaceans feeding on leaf litters. ---- *Estuarine, Coastal & Shelf Science*, in press DOI.org/10.1016/j.ecss.2012.04.002. (One of the three is *Gammarus aequicauda*.)

MARIA, T. F., M. DE TROCH, J. VANAVERBEKE, A. M. ESTEVES & A. VANREUSEL 2011. Use of benthic vs planktonic organic matter by beach organisms: A food tracing experiment with ¹³C labelled diatoms. ---- *Journal of Experimental Marine Biology and Ecology* 407, 309-314. (i.a. *Bathyporeia pilosa* and *B. sarsi*.)

MARIN, I. & S. SINELNIKOV. *Metopelloides paguri* sp. nov., a new species of symbiotic stenothoid amphipod (Crustacea; Amphipoda: Stenothoidae) associated with sublittoral hermit crabs from the Russian coast of the Sea of Japan. ---- *Zootaxa* 3244, 59-67. (This new species was discovered on the hermit crab *Pagurus pectinatus* occupying sponges *Suberites* sp at Iturup, S. Kurile Islands.)

- MATS, V. D., D. Yu. SHCHERBAKOV & I. M. EFIMOVA 2011. Late Cretaceous-Cenozoic history of the Lake Baikal depression and formation of its unique biodiversity. ---- *Stratigraphy and Geological Correlation* 19, 404-421. (This most interesting paper contains i.a. a phylogenetic tree of Baikalian amphipods, superimposed on a time-scale.)
- MAYÉN-ESTRADA, R. & R. AGUILAR-AGUILAR 2011. Track analysis and geographic distribution of some *Lagenophrys* Stein, 1952 (Protozoa: Ciliophora: Peritrichia) species. ---- *Journal of Natural History*, 46 (3-4), 249-263. (*L. ampulla* and *L. nassa* recorded on species of Gammaridae.)
- MAYER, G., A. MAAS & D. WALOSZEK 2012. Mouthpart morphology of three sympatric native and nonnative gammaridean species: *Gammarus pulex*, *G. fossarum*, and *Echinogammarus berilloni* (Crustacea: Amphipoda). ---- *International Journal of Zoology* (2012), art. ID 493420, 23 pp.
- MEAD, A., J. T. CARLTON, C. L. GRIFFITHS & M. RIUS 2011. Introduced and cryptogenic marine and estuarine species of South Africa. ---- *Journal of Natural History* 45, 2463-2524. (11 amphipod spp listed on p. 2467 and discussed on pp 2484-2489.)
- MÉDOC, V., T. RIGAUD, S. MOTRUEIL, M.-J. PERROT-MINOT & L. BOLLACHE 2011. Paratenic hosts as regular transmission route in the acanthocephalan *Pomphorhynchus laevis*: potential implications for food webs. ---- *Naturwissenschaften*, 98 (10), 825-835. DOI: 10.1007/s00114-01100831-y. (This freshwater parasite uses amphipods as intermediate hosts; parasitized amphipods contribute to the transmission to a definitive host, small-sized fish).
- MIRZAJANI, A., M. SAYADRAHIM & A. SARI 2011. Reproductive traits of some amphipods (Crustacea: Peracarida) in different habitats of Iran and Southern Caspian Sea. ---- *International Journal of Zoology* (2011), 10 pp (Data on *Gammarus lacustris*, *G. paricrenatus*, *G. komareki*, *G. aequicauda*, *Obesogammarus acuminatus*, *Pontogammarus maeoticus* and *P. boreae*.)
- MITCHELL, R. J., A. L. MYERS, S. A. MABURY, K. R. SOLOMON & P. K. SIBLEY 2011. Toxicity of fluorotelomer carboxylic acids to the algae *Pseudokirchneriella subcapitata* and *Chlorella vulgaris*, and the amphipod *Hyaella azteca*. ---- *Ecotoxicology and Environmental Safety*, 74(8), 2260-2267.
- MOENICKES, S., A.-K. SCHNEIDER, L. MUHLE, L. ROHE, O. RICHTER & F. SUHLING 2011. From population-level effects to individual response: modelling temperature dependence in *Gammarus pulex*. ---- *Journal of Experimental Biology* 214, 3678-3687.
- MOISEENKO, T. I. & A. N. SHAROV 2011. Modification of water ecosystems during and after the reduction of anthropogenic pollution. --- *Doklady Biological Sciences* 441, 389-392. (Predominant zoobenthos of Lakes Ladoga, Onega and Imandra (northern European Russia) includes *Monoporeia affinis*, *M. relict* and *Pallasiola quadrispinosa*.)
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DOI 10.1007/s10530-011-9969-y (The replacement of *Gammarus roeselii* by *Dikerogammarus villosus* in the Rhone river leads to a 66% decrease in the rate of leaf litter recycling.)

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- SCHLACHER, T. A. & L. THOMPSON 2012. Beach recreation impacts benthic invertebrates on ocean exposed sandy shores. ---- *Biological Conservation* 147, 123-132 (A study from Eastern Australia)
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- SENNA, A. R. 2011. A new species of *Elasmopus* (Amphipoda: Hadzioidea: Maeridae) from Suape harbor, Northeastern Brazilian coast. ---- *Anais da Academia Brasileira de Ciencias* 83, 1031-1040. (*E. souzafilhoi* n. sp.)
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- SOLYANKO, K., V. SPIRIDONOV & A. NAUMOV 2011. Benthic fauna of the Gorlo Strait, White Sea: a first inventory based on data from three different decades from the 1920s to 2000s. ---- *Marine Biodiversity* 41, 441-453. (Amphipods listed on p. 447; *Hippomedon propinquus* is new for the White Sea)
- SØREIDE, J. E. & H. NYGÅRD 2012. Challenges using stable isotopes for estimating trophic levels in marine amphipods. ---- *Polar Biology* 35, 447-453. (Data on *Anonyx nugax*, *Gammarus wilkitzkii* and *Themisto libellula*.)
- SOUZA-FILHO, J. F. & A. R. SENNA 2012. First record of the genus *Megamphopus* Norman, 1869 (Crustacea, Amphipoda, Photidae) from Brazilian waters, with description of a new deep sea species. ---- *Zoosystematics and Evolution* 88, 71-77. (*Megamphopus robustisetae* n. sp. from the Campos basin, Rio de Janeiro, 1045 depth. A key to world *Megamphopus* (males only) is provided).

- STIERS, I., N. CROHAIN, G. JOSENS & L. TRIEST 2011. Impact of three aquatic invasive species on native plants and macroinvertebrates in temperate ponds. ---- *Biological Invasions* 13, 2715-2726 (A Belgian study).
- STUDER, A., V. M. CUBILLOS, M. D. LAMARE, R. POULIN & D. J. BURRITT 2012. Effects of ultraviolet radiation on an intertidal trematode parasite: An assessment of damage and protection. ---- *International Journal for Parasitology* 42(5), 453-461 (*Maritrema novaezealandensis* in *Paracalliope novizealandiae*) <http://dx.doi.org/10.1016/j.ijpara.2012.02.014>
- STUDER, A. & R. POULIN 2011. Effects of salinity on an intertidal host-parasite system: Is the parasite more sensitive than its host? ---- *Journal of Experimental Marine Biology and Ecology*, in press. (*Maritrema novaezealandensis* in *Paracalliope novizealandiae* in, you guessed it, New Zealand.)
- STURARO, N. & J. M. GUERRA-GARCIA 2012. A new species of *Caprella* (Crustacea: Amphipoda) from the Mediterranean Sea. ---- *Helgoland Marine Research* 66, 33-42. (*Caprella tavolarenensis* n. sp. from Sardinia, Italy)
- TABACARU, I. & D. L. DANIELOPOL 2011. Essai d'analyse critique des principales hypothèses concernant la phylogénie des Malacostracés (Crustacea, Malacostraca). ---- *Travaux de l'Institut de Spéologie "Emile Racovitza"* 50, 87-119. (Not seen, unfortunately.)
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- TATO, R., P. ESQUETE & J. MOREIRA 2011. A new species of *Ampelisca* (Crustacea, Amphipoda) from NW Iberian Peninsula: *Ampelisca troncosoi* sp. nov. ---- *Helgoland Marine Research*, in press DOI 10.1007/s10152-011-0273-0 (From de Ensenada de Baiona, Galicia. A synoptic table compares the new species with 6 close relatives)
- TLILI, K., P. LABADIE, C. BOURGES, A. DESPORTES & M. CHEVREUIL 2012. Bioaccumulation of polybrominated diphenyl ethers by the freshwater benthic amphipod *Gammarus pulex*. ---- *Archives of Environmental Contamination and Toxicology*, in press.
- TRICARICO, E., G. MAZZA, G. ORIOLI, C. ROSSANO, F. SCAPINI & F. GHERARDI 2010. The killer shrimp, *Dikerogammarus villosus* (Sowinsky, 1894), is spreading in Italy. ---- *Aquatic Invasions* 5, 211-214.
- TURCOTTE, C. 2011. *La caprelle japonaise Caprella mutica et son impact sur l'élevage de moules Mytilus spp: Un cas de cleptoparasitisme?*. ---- M Sc Thesis, Université du Québec à Rimouski, Canada. (Not seen)
- d'UDEKEM d'ACÓZ, C. 2012. On the genus *Halirages* (Crustacea, Amphipoda), with the description of two new species from Scandinavia and Arctic Europe. ---- *European Journal of Taxonomy* 7, 1-32. (Deals with *Halirages cainae* n. sp. (69°N 12°E, 2600m) (A synoptic table shows the differences with *H. caecus*, *H. gorbunovi* and *H. quadridentatus*), *H. quadridentatus* (with *H. elegans* as a junior synonym), and *H. stappersi* n. sp. (Kara Sea) (= *H. elegans* s. Stappers, non Norman). A survey of and a key to all *Halirages* species are provided.)
- d'UDEKEM d'ACÓZ, C. & E. A. HENDRYCKS 2011. A new deep-sea *Liljeborgia* (Crustacea: Amphipoda: Liljeborgiidae) from the DIVA II cruise in the equatorial eastern Atlantic. ---- *Proceedings of the Biological Society of Washington* 124, 198-211. (Deals with *Liljeborgia* (*Liljeborgiella*) *famelicosa* n. sp. from the Guinea Basin, 5142m, close to *L. mozambica*. A key to deep water *Liljeborgia* is provided.)
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WHITE, K. N. & J. D. REIMER 2012. Commensal Leucothoidae (Crustacea, Amphipoda) of the Ryukyu Archipelago, Japan. Part III: coral rubble dwellers. ---- *ZooKeys* 173, 11-50. (Deals with *Anamixis sentan* n. sp. (Okinawa), *Leucothoe akaisen* n. sp. (Okinawa), *L. akuma* n.sp. (Okinawa), *L. chiisainame* n. sp. (Kagoshima), *L. enko* n. sp. (Kagoshima), *L. kebukai* n. sp. (Okinawa), and *Paranamixis misakiensis*. An identification key to all Ryukyu Leucothoidae is provided)

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baloutchi, *G. crinicaudatus*, *G. hegmatanensis*, *G. komareki*, *G. lacustris*, *G. lobifer*, *G. loeffleri*, *G. lordeganensis*, *G. paricrenatus*, *G. parthicus*, *G. pretzmanni* (with *G. projectus* as synonym), *G. pseudosyriacus* (with *G. miae* and *G. plumipes* as synonyms. This species has also often been misidentified in the literature), *G. sepidannus*, *G. shirazinus*, *G. sirvannus*, and *G. zagrosensis*. A key to all *Gammarus* in Iran is provided.)

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New amphipod taxa in AN 36

1. Families and subfamilies

Austroniphargidae Iannilli, Krapp & Ruffo, 2011

Conicostomatinae Lowry & Stoddart, 2012

Lysianassidae

Pachynidae Lowry & Stoddart, 2012

2. Genera and subgenera

Amphorites Lowry & Stoddart, 2012

Conicostomatinae

Cephaloecetes Just, 2012

Ischyroceridae

Davidia Iannilli, Krapp & Ruffo, 2011

Austroniphargidae

Exitomelita Tandberg et al., 2011

Melitidae

Kairos Krapp-Schickel & Müller, 2011

Carangoliopsidae

Libertinia Iannilli, Krapp & Ruffo, 2011

Austroniphargidae

Klebang Azman & Othman, 2012

Unciolidae

Maarrka Finston et al., 2011

Paramelitidae

Mucrocalliope Ariyama & Azuma, 2011

Paracalliopiidae

Neoecetes Just, 2012

Ischyroceridae

Reinhardia Iannilli, Krapp & Ruffo, 2011

Austroniphargidae

Renella Lowry & Stoddart, 2012

Pachynidae

Smaraldia Lowry & Stoddart, 2012

Pachynidae

Ultimachelium Lowry & Stoddart, 2012

Pachynidae

3. Species and subspecies

akaisen White & Reimer, 2012 (*Leucothoe*)

Leucothoidae

akaoni White & Reimer, 2012 (*Leucothoe*)

Leucothoidae

akuma White & Reimer, 2012 (*Leucothoe*)

Leucothoidae

albomaculosus Just, 2012 (*Rhinoecetes*)

Ischyroceridae

amamiensis White & Reimer, 2012 (*Leucothoe*)

Leucothoidae

andreae Coleman & Maturana Heinz, 2011 (*Curidia*)

Ochlesidae

angelikae Lörz, Smith, Linse & Steinke, 2011 (*Epimeria*)

Epimeriidae

angulosa Lowry & Stoddart, 2012 (*Figorella*)

Pachynidae

annasona Lowry & Stoddart, 2012 (*Amphorites*)

Conicostomatinae

ashleyi Lörz, 2012 (*Epimeria*)

Epimeriidae

aurifex Iannilli, Krapp & Ruffo, 2011 (*Dussartiella*)

incertae sedis

barnardi Azman & Othman, 2012 (*Klebang*)

Unciolidae

bise White & Reimer, 2012 (*Leucothoe*)

Leucothoidae

brevirostris Just, 2012 (<i>Rhinoecetes</i>)	Ischyroceridae
cainae d'Udekem d'Acoz, 2012 (<i>Halirages</i>)	Calliopiidae
cedrici Krapp-Schickel, 2011 (<i>Prometopa</i>)	Stenothoidae
chiisainame White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
claudei Krapp-Schickel, 2011 (<i>Antatelson</i>)	Stenothoidae
clydensis King & Leys, 2011 (<i>Austrochiltonia</i>)	Chiltoniidae
coclearis Just, 2012 (<i>Rhinoecetes</i>)	Ischyroceridae
conipes Just, 2012 (<i>Neoeceetes</i>)	Ischyroceridae
cooperi King & Leys, 2011 (<i>Austrochiltonia</i>)	Chiltoniidae
daisukei White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
darwinense Lowry & Stoddart, 2012 (<i>Scopolostoma</i>)	Conicostomatinae
dimorpha Iannilli, Krapp & Ruffo, 2011 (<i>Reinhardia</i>)	Austroniphargidae
dinoceros Just, 2012 (<i>Rhinoecetes</i>)	Ischyroceridae
elegans White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
eltanin Lowry & Stoddart, 2012 (<i>Ekelofia</i>)	Pachynidae
enigmaticus Just, 2012 (<i>Cephaloeceetes</i>)	Ischyroceridae
enko White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
epa Lowry & Stoddart, 2012 (<i>Prachynella</i>)	Pachynidae
etheli Finston et al., 2011 (<i>Maarrka</i>)	Paramelitidae
famelicosa d'Udekem d'Acoz & Hendrycks, 2011 (<i>Liljeborgia</i>)	Liljeborgiidae
formosa Lowry & Stoddart, 2012 (<i>Figorella</i>)	Pachynidae
franklin Lowry & Stoddart, 2012 (<i>Figorella</i>)	Pachynidae
freemanae Kilgallen, 2011 (<i>Apohyale</i>)	Hyalidae
fucaense Lowry & Stoddart, 2012 (<i>Pachychelium</i>)	Pachynidae
hangangense Kim, 2012 (<i>Sinocorophium</i>)	Corophiidae
hashi White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
henriki Köppen & Coleman, 2011 (<i>Seba</i>)	Sebidae
inornatus Myers, Rigolet, Thiébaud & Dubois, 2012 (<i>Photis</i>)	Photidae
jejuensis Kim, Hendrycks & Lee, 2011 (<i>Guernea</i>)	Dexaminidae
katagani Özbek, 2012 (<i>Gammarus</i>)	Gammaridae
kebukai White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
keurboomstrandense Lowry & Stoddart, 2012 (<i>Scopolostoma</i>)	Conicostomatinae
latibasis Iannilli, Krapp & Ruffo, 2011 (<i>Libertinia</i>)	Austroniphargiidae
lecroyae White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
lecroyae Ortiz, Varela & Lalana, 2011 (<i>Photis</i>)	Photidae
longitelson Iannilli, Krapp & Ruffo, 2011 (<i>Libertinia</i>)	Austroniphargidae
luce Lowry & Stoddart, 2012 (<i>Drummondia</i>)	Pachynidae
marlo Lowry & Stoddart, 2012 (<i>Drummondia</i>)	Pachynidae
melakaensis Azman & Othman, 2012 (<i>Grandidierella</i>)	Aoridae
meridianus Just, 2012 (<i>Rhinoecetes</i>)	Ischyroceridae
nagatekubi White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
namhaensis Kim, Hendrycks & Lee, 2011 (<i>Guernea</i>)	Dexaminidae
nathani White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
norah Lowry & Stoddart, 2012 (<i>Scopolostoma</i>)	Conicostomatinae
novazealandica Lörz, Linse, Smith & Steinke, 2012 (<i>Rhachotropis</i>)	Eusiridae
nurumuru White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
obsolescens Lowry & Stoddart, 2012 (<i>Pachynus</i>)	Pachynidae
obuchii White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
oculata Lowry & Stoddart, 2012 (<i>Prachynella</i>)	Pachynidae
ouraensis White & Reimer, 2012 (<i>Leucothoe</i>)	Leucothoidae
paguri Marin & Sinelnikov, 2012 (<i>Metopelloides</i>)	Stenothoidae
papanuiensis Kilgallen, 2011 (<i>Apohyale</i>)	Hyalidae
polynesus Krapp-Schickel & Müller, 2011 (<i>Elasmopus</i>)	Maeridae
rhinoceros Just, 2012 (<i>Rhinoecetes</i>)	Ischyroceridae

robustisetae Souza-Filho & Senna, 2012 (*Megamphopus*)
segregans Krapp-Schickel & Müller, 2011 (*Kairos*)
sentan White & Reimer, 2012 (*Anamixis*)
shijiki Lowry & Stoddart, 2012 (*Prachynella*)
shimantoensis Ariyama & Azuma, 2011 (*Mucrocalliope*)
sigynae Tandberg et al., 2011 (*Exitomelita*)
souzafilhoi Senna, 2011 (*Elasmopus*)
spelaea Bueno & Cardoso, 2011, in Cardoso et al.) (*Hyaella*)
spinicaudata Iannilli, Krapp & Ruffo, 2011 (*Davidia*)
spinidactylus Iannilli, Krapp & Ruffo, 2011 (*Sandro*)
springthorpei Lowry & Stoddart, 2012 (*Smaraldia*)
stappersi d’Udekem d’Acoz, 2012 (*Halirages*)
tac Lowry & Stoddart, 2012 (*Ultimachelium*)
tavolarenis Sturaro & Guerra-Garcia, 2012 (*Caprella*)
togatta White & Reimer, 2012 (*Leucothoe*)
toribe White & Reimer, 2012 (*Leucothoe*)
tridentata Lowry & Stoddart, 212 (*Drummondia*)
troncosoi Tato, Esquete & Moreira, 2011 (*Ampeliscia*)
tropicale Lowry & Stoddart, 2012 (*Pachychelium*)
trulla White & Reimer, 2012 (*Leucothoe*)
tupinamba Senna & Souza-Filho, 2011 (*Pseudharpinia*)
vulgaris White & Reimer, 2012 (*Leucothoe*)
wallacei Vonk, Hoeksema & Jaume, 2011 (*Psammogammarus*)
weeliwolli Finston et al., 2011 (*Maarrka*)
yatala Lowry & Stoddart, 2012 (*Ocosingo*)
zanpa White & Reimer, 2012 (*Leucothoe*)

Photidae
Carangoliopsidae
Leucothoidae
Pachynidae
Paracalliopiidae
Melitidae
Maeridae
Dogielinotidae
Austroniphargidae
Austroniphargidae
Pachynidae
Calliopiidae
Pachynidae
Caprellidae
Leucothoidae
Leucothoidae
Pachynidae
Ampeliscidae
Pachynidae
Leucothoidae
Phoxocephalidae
Leucothoidae
Melitidae
Paramelitidae
Conicostomatinae
Leucothoidae

4. New taxa ranked taxonomically after families

Ampeliscidae
Aoridae
Austroniphargidae

Calliopiidae
Caprellidae
Carangoliopsidae
Chiltoniidae
Conicostomatinae

Corophiidae
Dexaminidae
Dogielinotidae
Epimeriidae
Eusiridae
Gammaridae
Hyalidae
Ischyroceridae

Ampeliscia **troncosoi**
Grandidierella **melakaensis**
Davidia spinicaudata
Libertinia latibasis, longitelson
Reinhardia dimorpha
Sandro **spinidactylus**
Halirages **cainae, stappersi**
Caprella **tavolarenis**
Kairos segregans
Austrochiltonia **clydensis, cooperi**
Amphorites annasona
Ocosingo **yatala**
Scopolostoma **darwinense, keurboomstrandense, norah**
Sinocorophium **hangangense**
Guernea **jejuensis, namhaensis**
Hyaella **spelaea**
Epimeria **angelikae, ashleyi**
Rhachotropis **novazealandica**
Gammarus **katagani**
Apothyale **freemanae, papanuiensis**
Cephaloecetes enigmaticus
Neoecetes conipes
Rhinoecetes **albomaculosus, brevirostris, coclearis, dinoceros, meridianus, rhinoceros**

Leucothoidae	Anamixis sentan Leucothoe akaisen , akaoni , akuma , amamiensis , bise , chiisainame , daisukei , elegans , enko , hashi , kebukai , lecroyae , nagatekubi , nathani , nurunuru , obuchii , ouraensis , togatta , toribe , trulla , vulgaris , zanpa
	Paranamixis thomasi
Liljeborgiidae	Liljeborgia famelicosa
Maeridae	Elasmopus polynesus , souzafilhoi
Melitidae	Exitomelita sigynae Psammogammarus wallacei
	Curidia andreae
Ochlesidae	Drummondia luce , marlo , tridentate
Pachynidae	Ekelofia eltanin Figorella angulosa , formosa , franklin Pachychelium fucaense , tropicale Pachynus obsolescens Prachynella epa , oculata , shijiki Renella Smaraldia springthorpei Mucrocalliope shimantoensis Maarrka etheli , weeliwolli Megamphopus robustisetae Photis inornatus , lecroyae Pseudharpinia tupinamba Seba henriki Antatelson claudei Metopelloides paguri Prometopa cedrici Klebang barnardi Dussartiella aurifex
Paracalliopiidae	
Paramelitidae	
Photidae	
Phoxocephalidae	
Sebidae	
Stenothoidae	
Unciolidae	
Incertae sedis	

NEW AMPHIPOD GENERA (AN 10 - 35)

ACANTHOGAMMARIDAE

Sg Ancyracanthus Kamaltynov, 2001	<i>Gammarus godlewskii victorii</i>	AN24-14
Aspretus Kamaltynov, 2001	<i>Asprogammarus puer</i>	AN24-15
Asprogammarus Bazikalova, 1975	<i>Gammarus rhodophthalmus</i>	AN14-38
Sg Caecogammarus Kamaltynov, 2001	<i>Plesiogammarus gerstaeckeri brevis</i>	AN24-15
Cornugammarus Kamaltynov, 2001	<i>Polyacanthus maximus</i>	AN24-14
Dedyuola Kamaltynov, 2001	<i>Gammarus armatus</i>	AN24-14
Diplacanthus Kamaltynov, 2001	<i>Acanthogammarus godlewskii brevispinus</i>	AN24-14
Dorogostaiskia Kamaltynov, 2001	<i>Spinacanthus insularis</i>	AN24-14
Eremogammarus Kamaltynov, 2001	<i>Gammarus puella</i>	AN24-15
Inobsequentus Takhteev, 2000	<i>Poekilogammarus galini</i>	AN22-64
Koshovia Bazikalova, 1975	<i>K. mirabilis</i>	AN 9-43
Nyctoporea Kamaltynov, 2001	<i>Poekilogammarus sukaczewi</i>	AN24-15
Oxyacanthus Kamaltynov, 2001	<i>Polyacanthus flavus</i>	AN24-14
Palicarinus Barnard & Barnard, 1983	<i>Gammarus puzylli</i>	AN15-14
Sentogammarus Kamaltynov, 2001	<i>Gammarus zienkowiezii</i>	AN24-15
Smaragdogammarus Bazikalova, 1975	<i>Gammarus smaragdinus</i>	AN14-38
Supernogammarus Kamaltynov, 2001	<i>Plesiogammarus longicornis</i>	AN24-15
Sg Variogammarus Takhteev, 1995		

ACANTHONOTOZOMATIDAE

Acanthonotozomopsis Watling & Holman, 1980	<i>Acanthonotozomella pushkini</i>	
Nodotergum Bellan-Santini, 1972	<i>N. bicarinatum</i>	AN 2-18
Ochlesodius Ledoyer, 1982	<i>O. spinicornis</i>	AN15-34
Stegopanoploea Karaman, 1980	<i>Panoploea joubini</i>	AN15-31

ACANTHONOTOZOMELLIDAE

Amatiguakus Coleman & Barnard, 1991	<i>A. forsbergii</i>	AN19-11
Paracanthonotozoma Bellan-Santini, 1971	<i>P. trispinosum</i>	AN 2-18

AETIOPEDESIDAE

Aetiopedes Moore & Myers, 1988	<i>A. gracilis</i>	AN17-4
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ALICELLIDAE

Apotectonia Barnard & Ingram, 1990	<i>A. heterostegos</i>	AN19-8
Diatectonia Barnard & Ingram, 1990	<i>D. typhodes</i>	AN19-8
Tectoalopsis Barnard & Ingram, 1990.	<i>T. wegneri</i>	AN19-8
Transtectonia Barnard & Ingram, 1990	<i>T. torrentis</i>	AN19-8

AMARYLLIDAE

Bamarooka Lowry & Stoddart, 2002	<i>Amaryllis bathycephala</i>	AN24-17
Devo Lowry & Stoddart, 2002	<i>D. grahami</i>	AN24-17
Erikus Lowry & Stoddart, 1987	<i>E. dahli</i>	AN17-14

Paravijaya Ren, 1998	<i>P. apiculata</i>	AN22-54
Pseudamaryllis Andres, 1981	<i>P. nonconstricta</i>	AN15-11
Wonga Lowry & Stoddart, 2002	<i>W. wonga</i>	AN24-17
AMATHILLOPSIDAE		
Jeanjustia Lowry & Myers, 2003	<i>J. perda</i>	AN26-23
AMPHILOCHIDAE		
Afrogitanopsis Karaman, 1980	<i>Gitanopsis paguri</i>	AN16-19
Apolochus Hoover & Bousfield, 2001	<i>Amphilochus neapolitanus</i>	AN23-22
Gitanopsilis Rauschert, 1994	<i>G. amissio</i>	AN27-37
Hourstonius Hoover & Bousfield, 2001	<i>Gitanopsis vilordes</i>	AN23-22
Paramphilochoides Lincoln, 1979	<i>Amphilochoides intermedius</i>	AN13
Paramphilochois Ishimaru & Ikehara, 1986	<i>P. parachelatus</i>	AN17-40
Pseudopeltocoxa Schiecke, 1977	<i>P. gibbosa</i>	AN10-48
Rostrogitanopsis Karaman, 1980	<i>Gitanopsis mariaae</i>	AN16-19
AMPITHOIDAE		
Amphyllodomus Just, 1977	<i>A. incurvaria</i>	AN10-34
Sg Melanesius Ledoyer, 1984	<i>Examphithoe cooki</i>	AN16-22
Peramphithoe Conlan & Bousfield, 1982	<i>Ampithoe femorata</i>	AN15-20
Plumithoe Barnard & Karaman, 1991	<i>Ampithoe plumicornis</i>	AN19-4
Pseudoamphithoides Ortiz, 1976	<i>P. bacescui</i>	AN10-52
Pseudopleonexes Conlan, 1982	<i>Pleonexes lessoniae</i>	AN15-20
ANISOGAMMARIDAE		
Annanogammarus Bousfield, 1979	<i>Gammarus annadalei</i>	AN12-19
Barrowgammarus Bousfield, 1979	<i>Anisogammarus macginitiei</i>	AN12-19
Carineogammarus Bousfield, 1979	<i>Eogammarus makarovi</i>	AN12-20
Eurypodogammarus Hou, Morino & Li, 2005	<i>E. helobius</i>	AN31-12
? Fuxiana Sket, 2000	<i>F. yangi</i>	AN22-59
Fuxigammarus Sket & Fiser, 2009	<i>F. antespinosus</i>	AN34-51
Jesogammarus Bousfield, 1979	<i>Anisogammarus jesoensis</i>	AN12-19
Locustogammarus Bousfield, 1979	<i>Gammarus locustoides</i>	AN12-19
Ramellogammarus Bousfield, 1979	<i>Gammarus ramellus</i>	AN12-19
Spasskogammarus Bousfield, 1979	<i>S. spasski</i>	AN12-19
Sg Spinulogammarus Tzvetkova, 1972	<i>Gammarus ochotensis</i>	AN 2-23
AORIDAE		
Aorella Myers, 1981	<i>A. multiplex</i>	AN16-27
Archaeobemlos Myers, 1988	<i>Autonoe philacantha</i>	AN17-4
Arctolembos Myers, 1979	<i>Microdeutopus arcticus</i>	AN13
Australomicrodeutopus Myers, 1988	<i>Microdeutopus haswelli</i>	AN17-15
Sg Bigrandidierella Karaman, 1986	<i>Microdeutopus megnae</i>	AN17-42
Columbaora Conlan & Bousfield, 1982	<i>C. cyclocoxa</i>	AN15-20
Sg Globosolembos Myers, 1985	<i>Autonoe smithi</i>	AN17-46
Meridiolembos Myers, 1988	<i>Lembos hippocrenes</i>	AN17-15
Paragrandidierella Ariyama, 2002	<i>P. minima</i>	AN24-3
Paramicrodeutopus Myers, 1988	<i>Microdeutopus schmitti</i>	AN17-15
Plesiolembos Myers, 1988	<i>Lembos rectangulatus</i>	AN17-15
Protolembos Myers, 1988	<i>Lembos chiltoni</i>	AN17-15
Pseudobemlos Ariyama, 2004	<i>P. serratus</i>	AN27-2
Tethybemlos Ariyama, 2004	<i>T. japonicus</i>	AN27-2
Tethylembos Myers, 1988	<i>Lembos viguieri</i>	AN17-15

ARISTIIDAE

Boca Lowry & Stoddart, 1997	<i>B. campi</i>	AN22-37
Memana Stoddart & Lowry, 2010	<i>M. sarda</i>	AN34-53
Pratinas Stoddart & Lowry, 2009	<i>P. ludmilla</i>	AN34-53

ARTESIIDAE

Artesia Holsinger, 1980	<i>A. subterranea</i>	AN13
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AUSTRONIPHARGIDAE

Dussartiella Ruffo, 1979	<i>D. madegassa</i>	AN13
Sandro Karaman & Barnard, 1979	<i>Austroniphargus starmuhlneri</i>	AN12-27

BOGIDIPELLIDAE

Actogidiella Stock, 1981	<i>A. cultrifera</i>	AN15-49
Afridiella Karaman & Barnard, 1979	<i>Bogidiella somala</i>	AN12-17
Sg Antilogidiella Stock, 1981	<i>Bogidiella martini</i>	AN15-49
Arganogidiella Koenemann & Holsinger, 1999	<i>Bogidiella arganoi</i>	AN22-32
Argentinogidiella Koenemann & Holsinger, 1999	<i>Bogidiella hormocollensis</i>	AN22-32
Aurobogidiella Karaman, 1988	<i>Bogidiella italica</i>	AN17-25
Bermudagidiella Koenemann & Holsinger, 1999	<i>Bogidiella antillensis</i>	AN22-32
Bogidomma Bradbury & Williams, 1995	<i>B. australis</i>	AN21-11
Cabogidiella Stock & Vonk, 1992	<i>C. littoralis</i>	AN20-35
Sg Dyticogidiella Grosso & Glaps, 1985	<i>Bogidiella talampuyensis</i>	AN17-39
Sg Eobogidiella Karaman, 1981	<i>Bogidiella purmarmacensis</i>	AN15-31
Fidelidiella Jaume, Gracia & Boxshall, 2007	<i>F. pectinata</i>	AN33-12
Grossogidiella Koenemann & Holsinger, 1999	<i>Patagongidiella mauryi</i>	AN22-32
Sg Guagidiella Stock, 1981	<i>Bogidiella holsingeri</i>	AN15-49
Sg Hagidiella Stock, 1985	<i>Bogidiella prionura</i>	AN16-34
Hebraegidiella Karaman, 1988	<i>H. bromleyana</i>	AN17-25
Indogidiella Koenemann & Holsinger, 1999	<i>Bogidiella sarawacensis</i>	AN22-32
Maghrebidiella Diviacco & Ruffo, 1985	<i>M. maroccana</i>	AN17-37
Marigidiella Stock, 1981	<i>Bogidiella brasiliensis</i>	AN15-49
Sg Marinobogidiella Karaman, 1981	<i>Bogidiella tyrrenica</i>	AN15-31
Sg Medigidiella Stock, 1981	<i>Bogidiella chappuisi</i>	AN15-49
Megagidiella Koenemann & Holsinger, 1999	<i>M. ezul</i>	AN22-31
Sg Mesochtongidiella Grosso & Fernandez, 1985	<i>Bogidiella tucumanensis</i>	AN19-15
Sg Mexigidiella Stock, 1981	<i>Bogidiella tabascensis</i>	AN15-49
Nubigidiella Karaman, 1988	<i>Bogidiella nubica</i>	AN17-25
Omangidiella Iannilli, Holsinger, Ruffo & Vonk, 2006	<i>O. parvidactyla</i>	AN31-13
Sg Orchestigidiella Stock, 1981	<i>Bogidiella orchestipes</i>	AN15-49
Parabogidiella Holsinger, 1980	<i>P. americana</i>	AN13
Patagongidiella Grosso & Fernandez, 1993	<i>P. mauryi</i>	AN21-22
Racovella Jaume, Gracia & Boxshall, 2007	<i>R. birramea</i>	AN33-12
Somagidiella Stock, 1981	<i>Bogidiella somala</i>	AN15-49
Spelaegammarus da Silva Brum, 1975	<i>S. bahiensis</i>	AN 7-33
Stockigidiella Iannilli, Holsinger, Ruffo & Vonk, 2006		

Sg Stygogidiella Stock, 1981	<i>S. aequimana</i>	AN31-13
Sg Xystriogidiella Stock, 1984	<i>Bogidiella bredini</i>	AN15-49
	<i>Bogidiella capricornia</i>	AN16-34
BOLTTSIIDAE		
Bolttsia Griffiths, 1976	<i>B. minuta</i>	AN 8-29
CALLIOPIIDAE		
Callaska Barnard, 1978	<i>Calliopiella pratti</i>	AN10-37
Calliopiurus Bushueva, 1986	<i>C. excellens</i>	AN17-35
Domicola Pretus & Albello, 1993	<i>D. lithodesi</i>	AN20-29
Lopyastis Thurston, 1974	<i>Atyloopsis signiensis</i>	
Membrilopus Barnard & Karaman, 1987	<i>Metaleptamphopus membrisetata</i>	AN17-6
Paracalliopiella Tzvetkova & Kudrjaschov, 1975	<i>Leptamphopus litoralis</i>	AN 9-55
Spongula Schiecke, 1973	<i>S. depressa</i>	AN 4-28
Tylosapis Thurston, 1974	<i>Atyloopsis dentata</i>	
CAPRELLIDAE		
Caprellaporema Guerra-Garcia, 2003	<i>C. subantarctica</i>	AN26-13
Chaka Griffiths, 1974	<i>C. leoni</i>	AN 4-23
Cubodeutella Ortiz, Guerra-Garcia & Lalana, 2009	<i>C. cavernicola</i>	AN34-43
Heterocaprella Arimoto, 1976	<i>H. clavifera</i>	AN 8-18
Jigurru Guerra-Garcia, 2006	<i>J. vailhoggett</i>	AN31-10
Liriopes Arimoto, 1978	<i>L. lunaticus</i>	AN12-17
Mayericaprella Guerra-Garcia, 2006	<i>M. arimotoi</i>	AN31-10
Paradicaprella Hirayama, 1990	<i>P. brucei</i>	AN19-16
Pedotrina Arimoto, 1978	<i>P. globosa</i>	AN12-17
Pedunculocaprella Kaim-Malka, 1983	<i>P. antennata</i>	AN16-19
Premohemiaegina Arimoto, 1978	<i>P. sola</i>	AN12-16
Pretritella Arimoto, 1980	<i>P. divina</i>	AN13
Protoaeginella Laubitz & Mills, 1972	<i>P. muriculata</i>	AN 2-28
Prototritella Arimoto, 1976	<i>P. ishigakensis</i>	AN12-16
Pseudoprellicana Guerra-Garcia, 2006	<i>P. johnsoni</i>	AN31-10
Quadrisegmentum Hirayama, 1988	<i>Q. triangulum</i>	AN17-3
Tanzacaprella Guerra-Garcia, 2001	<i>T. tanzaniensis</i>	AN24-10
Tropicaprella Guerra-Garcia & Takeuchi, 2003	<i>T. minuta</i>	AN25-10
CEINIDAE		
Taihape Barnard, 1972	<i>T. karori</i>	AN 3-39
Waitomo Barnard, 1972	<i>W. manene</i>	AN 3-39
CHEIDAE		
Cheus Thurston, 1982	<i>C. annae</i>	AN15-52
CHEIROCRATIDAE		
Aurohornellia Barnard & Karaman, 1982	<i>Tulearogammarus sinuatus</i>	AN15-14
Cheirocarpochela Ren & Andres, 2006	<i>C. sinica</i>	AN31-25
Cottarellia Ruffo, 1994	<i>C. minima</i>	AN21-47
Degocheiocratus Karaman, 1985	<i>D. spani</i>	AN17-12
Incratella Barnard & Drummond, 1982	<i>Cheirocratus inermis</i>	AN15-13

Sg Indocratus Ledoyer, 1982	Cheirocratus inermis	AN15-34/5
Prosocratus Barnard & Drummond, 1982	P. butcheri	AN15-13
CHILTONIINAE		
Arabunnachiltonia King, 2009	A. murphyi	AN34-30
Phreatochiltonia Zeidler, 1991	P. anophthalma	AN20-40
Wangiannachiltonia King, 2009	W. guzikae	AN34-30
CONDUKIIDAE		
Condukus Barnard & Drummond, 1982	C. karkan	AN15-13
Otagia Barnard & Karaman, 1991	Platyischnopus neozelanicus	AN19-4
COROPHIINAE		
Americorophium Bousfield & Hoover, 1997	Corophium spinicorne	AN21-10
Anonychocheirus Moore & Myers, 1983	A. richardsoni	AN15-39
Apocorophium Bousfield & Hoover, 1997	Corophium acutum	AN21-10
Chaetocorophium Karaman, 1979	Paracorophium lucasi	AN13
Chelicocorophium Bousfield & Hoover, 1997	Corophium curvispinum	AN21-10
Crassicorophium Bousfield & Hoover, 1997	Corophium crassicorne	AN21-10
Eocorophium Bousfield & Hoover, 1997	Corophium kitamari	AN21-10
Hirayamaia Bousfield & Hoover, 1997	Corophium mortoni	AN21-10
Laticorophium Bousfield & Hoover, 1997	Corophium baconi	AN21-11
Lobatocorophium Bousfield & Hoover, 1997	Corophium lobatum	AN21-10
Medicocorophium Bousfield & Hoover, 1997	Corophium aculeatum	AN21-10
Microcorophium Bousfield & Hoover, 1997	Corophium sextonae miospinulosum	AN21-10
Monocorophium Bousfield & Hoover, 1997	Corophium insidiosum	AN21-10
Sinocorophium Bousfield & Hoover, 1997	Corophium sinense	AN21-10
Stenocorophium Karaman, 1979	S. bowmani	AN12 -26
CRANGONYCTIDAE		
Amurocrangonyx Sidorov & Holsinger, 2007	Crangonyx arsenjevi	AN32-24
Prefalklandella Stock & Platvoet, 1991	Falklandella cuspidata	AN20-34/5
Stygonyx Bousfield & Holsinger, 1989	S. courtneyi	AN17-22
Uronyctus Stock & Iliffe, 1990	U. longicaudus	AN19-27
CRYMOSTYGIDAE		
Crymostygus Kristjansson & Svavarsson, 2004	C. thingvallensis	AN26-20
CYAMIDAE		
Sg Apocyamus Margolis, McDonald & Bousfield, 2000	Cyamus scammoni	AN22-40
Sg Mesocyamus Margolis, McDonald & Bousfield, 2000	Cyamus mesorubraedon	AN22-40
Sg Orcinocyamus Margolis, McDonald & Bousfield, 2000	Cyamus orcini	AN22-40
Scutocyamus Lincoln & Hurley, 1974	S. parvus	AN 5-29
CYPROIDEIDAE		
Gbroidea Lowry & Azman, 2008	G. dingaalana	AN33-16

Moolapheonoides Barnard, 1974	M. kadee	AN 4-30
Terepeltopes Hirayama, 1983	T. dolichorhunia	AN15-27
Unguja Griffiths, 1976	U. yaya	AN 8-29
Victorhensenioides Rauschert, 1996	V. arntzi	AN21-45
DEXAMINIDAE		
Dexaminoculus Lowry, 1981	Sphaerophthalmus grobbeni	AN15-36
Sebadexius Ledoyer, 1984	S. neocaledoniensis	AN16-22
DIDYMOCHELIIDAE		
Apodidymochelia Thurston, 1997	A. castellata	AN21-57
DIKWIDAE		
Dikwa Griffiths, 1974	D. acrania	AN 5-27
DOGIELINOTODAE		
Sg Austrohyalella Bousfield, 1996	Hyalella neonoma	AN21-7
Dogielinoides Bousfield, 1982	Dogielinotus golikovi	AN15-17
Eohaustorioides Bousfield & Tzvetkova, 1982	Haustorioides japonicus	AN15-17
Exhyalella Stebbing, 1917	E. natalensis	AN23-32
Marinohyalella Lazo-Wasem & Gable, 2001	Hyalella richardi	AN23-32
Sg Mesohyalella Bousfield, 1996	Hyalella curvispina	AN21-7
Parhaustorioides Ren, 2006	P. littoralis	AN31-25
Proboscinitus Bousfield, 1982	Dogielinotus loquax	AN15-17
DULICHIIDAE		
Dulichhiopsis Laubitz, 1977	Dulichia spinosissima	AN9-57
Paradyopedos Andres & Rauschert, 1990	P. antarcticus	AN19-7
Pseudodulichia Rauschert, 1990	Dulichia antarctica	AN19-24
EPIMERIIDAE		
Spindlerella Brandt & Vassilenko, 1995	S. groenlandica	AN21-12
Subepimeria Bellan-Santini, 1972	S. geodesiae	AN 2-18
EULIMNOGAMMARIDAE		
Berchinia Kamaltynov, 2001	Poekilogammarus curvimanus	AN24-15
Barguzinia Kamaltynov, 2001	Abyssogammarus calceolatus	AN24-15
Bazikalovia Takhteev, 2001	Microgammarus simplex	AN24-24
Sg Lamogammarus Kamaltynov, 2001	Eulimnogammarus macrophthalmus	AN24-15
Laxmannia Kamaltynov, 2001	Abyssogammarus swartschewskii	AN24-15
Sg Pretiositus Kamaltynov, 2001	Ommatogammarus carneolus melanophthalmus	AN24-15
Profundalia Kamaltynov, 2001	Eulimnogammarus tenuis	AN24-15
Sluginella Kamaltynov, 2001	Eulimnogammarus pachycerus	AN24-15
Tengisia Kamaltynov, 2001	Gammarus capellus	AN24-15
EUSIRIDAE		
Dolobrotus Bowman, 1974	D. mardeni	AN 5-25
Frigora Ren, 1991	F. ascidicola	AN20-30
Luckia Bellan-Santini & Thurston, 1996	L. striki	AN21-5

Pleusiroides Ortiz, Lalana & Varela, 2007	<i>P. alcoladoi</i>	AN32-19
Podosirus Bellan-Santini, 2007	<i>P. vaderi</i>	AN33-3
Ronconoides Ledoyer, 1973	<i>R. brevicornis</i>	AN 3-26
Sennaia Bellan-Santini, 1997	<i>S. bidactyla</i>	AN21-5
Triquetramana Hendrycks & Conlan, 2003	<i>T. brevipalpa</i>	AN26-14

EXOEDICEROTIDAE

Exoediceroides Bousfield, 1983	<i>E. maximus</i>	
Metoediceropsis Dang, 1968	<i>M. dadoensis</i>	AN16-10
Notoediceros Bousfield, 1983	<i>N. tasmanicus</i>	
Patuki Cooper & Fincham, 1974	<i>P. breviuropodus</i>	AN14-40
Vadosiapus Barnard & Thomas, 1988	<i>V. copacabanus</i>	AN17-7
Warreyus Barnard & Drummond, 1983	<i>Exoediceros maculosus</i>	AN15-15

GAMMARACANTHIDAE

Sg Pseudacanthus Bousfield, 1989	<i>Gammaracanthus aestuariorum</i>	AN17-22
Relictacanthus Bousfield, 1989	<i>Gammaracanthus relictus</i>	AN17-22

GAMMARELLIDAE

Austroregia Barnard, 1989	<i>Atylus huxleyanus</i>	AN17-21
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GAMMARIDAE

Abludogammarus Karaman, 1980	<i>Gammarus flavus</i>	AN15-30
Accubogammarus Karaman, 1974	<i>Typhlogammarus algor</i>	AN 5-29
Albanogammarus Ruffo, 1995	<i>A. inguscoi</i>	AN21-47
Austrocrangonyx Barnard & Barnard, 1982	<i>Gammarus barringtonensis</i>	AN15-14
Austrogammarus Barnard & Karaman, 1983	<i>Gammarus australis</i>	AN15-15
Baku Karaman & Barnard, 1979	<i>Pontogammarus paradoxus</i>	AN12-27
Cephalogammarus Karaman & Barnard, 1979	<i>Gammarus macrocephalus</i>	AN12-27
Comatogammarus Stock, 1971	<i>Sarothrogammarus ferghanensis</i>	AN2-35
Compactogammarus Stock, 1974	<i>Niphargoides compactus</i>	AN 5-31
Condiciogammarus Karaman, 1984	<i>Gammarus retz</i>	AN17-41
Gammaropisa Ruffo & Vigna Taglianti, 1988	<i>G. arganoi</i>	AN17-29
Jubeogammarus Karaman, 1984	<i>Gammarus alsaticus</i>	AN17-41
Kergueleniola Ruffo, 1975	<i>K. macra</i>	AN 7-28
Kuzmelina Karaman & Barnard, 1979	<i>Gmelina kusnezowi</i>	AN12-27
Lagunogammarus Sket, 1971	<i>Gammarus zaddachi</i>	AN 2-34
Lanceogammarus Karaman & Barnard, 1979	<i>Gammarus andrussowi</i>	AN12
Laurogammarus Karaman, 1984	<i>Carinogammarus scutarensis</i>	AN16-20
Lusigammarus Barnard & Barnard, 1983	<i>Gammarus guernei</i>	AN15-14
Obesogammarus Stock, 1974	<i>Gammarus obesus</i>	AN 5-31
Pallasiola Barnard & Barnard, 1983	<i>Pallasea cancelloides quadrispinosa</i>	AN15-14
Paraniphargoides Stock, 1974	<i>Niphargoides motasi</i>	AN 5-31
Rhipidogammarus Stock, 1971	<i>Gammarus rhipidiophorus</i>	AN 2-35
Scytaelina Stock, Mirzajani, Vonk, Naderi & Kiabi, 1998	<i>S. simplex</i>	AN22-62
Sinogammarus Karaman & Ruffo, 1994/5	<i>S. troglodytes</i>	AN21-28
Tadzhikistania Barnard & Barnard, 1983	<i>Sarothrogammarus ruffoi</i>	AN15-14
Tadzocrangonyx Karaman & Barnard, 1979	<i>Crangonyx schizurus</i>	AN12-27
Turcogammarus Karaman & Barnard, 1979	<i>Obesogammarus turcarum</i>	AN12-29

Tyrrhenogammarus Karaman & Ruffo, 1989	T. sardous	AN19-18
Uroniphargoides Stock, 1974	Niphargoides spinicaudatus	AN 5-31
Sg Wolgagammarus Stock, 1974	Stenogammarus dzjubani	AN 5-31
Yogmelina Karaman & Barnard, 1979	Y. limana	AN12-27

GAMMAROPOREIIDAE

Gammaroporeia Bousfield, 1979	Micruropus alaskensis	AN12-19
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HADZIIDAE

Afrocrangonyx Karaman, 1981	Metacrangonyx spinicaudatus	AN15-31
Allotexiweckelia Holsinger, 1980	A. hirsuta	AN13
Apoweckelia Stock, 1985	A. serrata	AN17-51
Bahadzia Holsinger & Yager, 1985	B. williamsi	AN17-40
Brachina Barnard & Williams, 1995	B. invasa	AN21-4
Sg Caribdzia Stock, 1985	Metaniphargus nicholsoni	AN17-51
Carinomelita Bousfield, 1990	C. janstocki	AN19-9
Crangoweckelia Stock, 1985	C. spinicauda	AN17-51
Sg Croidzia Stock, 1985	Metaniphargus beattyi	AN17-51
Galapsiellus Barnard, 1976	Paraniphargus leleuporum	AN 9-43
Sg Guadzia Stock, 1985	Metaniphargus bullipes	AN17-51
Sg Haidzia Stock, 1985	Metaniphargus plumicauda	AN17-51
Holsingerius Barnard & Karaman, 1982	Texiweckelia samacos	AN15-14
Sg Hispadzia Stock, 1985	Metaniphargus longidactylus	AN17-51
Ilvanella Vigna Taglianti, 1972	I. inexpectata	AN 3-31
Indoweckelia Holsinger & Ruffo, 2002	I. superstes	AN24-13
Sg Jamadzia Stock, 1985	Metaniphargus jamaicae	AN17-51
Mayaweckelia Holsinger, 1977	M. yucatanensis	AN28-98
Metahadzia Stock, 1977	Hadzia tavaresi	AN10-49
Nedsia Barnard & Williams, 1995	N. douglasi	AN21-4
Sg Neoweckelia Dancau, 1973	Weckelia cubanica	AN 4-21
Paraholsingerius Sawicki & Holsinger, 2005	Holsingerius smaragdinus	AN29-18
Paramexiweckelia Holsinger, 1982	Mexiweckelia particeps	AN16-17
Parasalentinella Bou, 1971	P. rouchi	AN 2-18
Parhadzia Vigna Taglianti, 1988	P. sbordonii	AN17-31
Phreatomelita Ruffo, 1979	P. paceae	AN13
Pintoweckelia Stock, 1985	P. grandis	AN17-51
Protohadzia Zimmerman & Barnard, 1977	Eriopisa schoenerae	AN10-51
Radaweckelia Stock, 1985	R. brevicauda	AN17-51
Saliweckelia Stock, 1977	S. emarginata	AN10-49
Tamaweckelia Sawicki & Holsinger, 2005	T. apalpa	AN29-18
Texiweckelia Holsinger, 1980	Mexiweckelia texensis	AN13
Texiweckeliopsis Barnard & Karaman, 1982	Texiweckelia insolita	AN15-14
Tuluweckelia Holsinger, 1990	T. cernua	AN19-16
Zhadia Lowry & Fenwick, 1983	Z. subantarctica	AN15-36
Zombiweckelia Stock, 1985	Z. parvipalpus	AN17-51

HYALIDAE

Apohyale Bousfield & Hendrycks, 2002	Allorchestes pugettensis	AN25-3
Sg Boreohyale Bousfield & Hendrycks, 2002	Protohyale lamberti	AN25-3
Diplohyale Bousfield & Hendrycks, 2002	Hyale diplodactyla	AN25-3

Sg Leptohyale Bousfield & Hendrycks, 2002		
	Protohyale longipalpa	AN25-3
Protohyale Bousfield & Hendrycks, 2002 Hyale frequens		
		AN25-3
Ptilohyale Bousfield & Hendrycks, 2002 Allorchestes plumulosus		
		AN25-3
Ruffohyale Bousfield & Hendrycks, 2002 Hyale milloti		
		AN25-3
Serejohyale Bousfield & Hendrycks, 2002 Hyale spinidactyla		
		AN25-3
HYPERIIDAE		
Laxohyperia Vinogradov & Volkov, 1982 L. vespuliformis		
		AN15-52/53
INGOLFIELLIDAE		
Sg Antilleella Ruffo & Vigna Taglianti, 1989 Ingolfiella tabularis		
		AN17-29
Sg Gevgeliella Stock, 1976 Ingolfiella putealis		
		AN 9-49
Hansenliella Stock, 1981		
		AN16-34
Paraleleupia Vonk & Schram, 2003 Troglroleupia gobabis		
		AN26-35
Proleleupia Vonk & Schram, 2003 Troglroleupia nudicarpus		
		AN26-35
Rapaleleupia Vonk & Schram, 2007 Troglroleupia gobabis		
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Budnikopleustes Hendrycks & Bousfield, 2004	Pleusymtes vasinae	AN27-14
Sg Catapleustes Bousfield & Hendrycks, 1994	Pleustes victoriae	AN28-97
Chromopleustes Bousfield & Hendrycks, 1995		

	<i>Parapleustes oculatus</i>	AN21-9
Commensipleustes Bousfield & Hendrycks, 1995		
	<i>Parapleustes commensalis</i>	AN21-9
Dactylopleustes Karaman & Barnard, 1979	<i>Parapleustes echinoicus</i>	AN12-26
Eosymtes Bousfield & Hendrycks, 1994	<i>E. minutus</i>	AN20-4
Gnathopleustes Bousfield & Hendrycks, 1995	<i>Iphimedia pugettensis</i>	AN21-9
Gracilipleustes Hendrycks & Bousfield, 2004	<i>Sympleustes gracilis</i>	AN27-14
Heteropleustes Hendrycks & Bousfield, 2004	<i>H. setosus</i>	AN27-14
Holopleustes Hendrycks & Bousfield, 2004	<i>H. aequipes</i>	AN27-14
Incisocalliope Bousfield & Hendrycks, 1995	<i>I. newportensis</i>	AN21-9
Kamptopleustes Hendrycks & Bousfield, 2004	<i>K. spinosus</i>	AN27-14
Micropleustes Bousfield & Hendrycks, 1995	<i>Parapleustes nautilus</i>	AN21-9
Myzotarsa Cadien & Martin, 1999	<i>M. anaxiphilia</i>	AN22-9
Rhinopleustes Hendrycks & Bousfield, 2004	<i>R. acuminatus</i>	AN27-14
Shoemakeroides Hendrycks & Bousfield, 2004	<i>Sympleustes cornigera</i>	AN27-14
Tepidopleustes Karaman & Barnard, 1979	<i>Parapleustes barnardi</i>	AN12-27
Thorlaksonius Bousfield & Hendrycks, 1994	<i>T. brevirostris</i>	AN28-97
Trachypleustes Bousfield & Hendrycks, 1995	<i>T. trevori</i>	AN21-9
PODOCERIDAE		
Neoxenodice Lowry, 1976	<i>N. cryophila</i>	AN8-24
Podobothrus Barnard & Clark, 1985	<i>P. bermudensis</i>	AN17-33
Styloxenodice Laubitz, 1983	<i>Xenodice macrophthalma</i>	AN15-33/4
PONTOGENEIIDAE		
Abdia Barnard & Karaman, 1987	<i>Atylopsis latipalpus</i>	AN17-6
Antarctogeneia Thurston, 1974	<i>A. macrodactyla</i>	AN6-23
Sg Ganigamoera Sidorov, 2009	<i>Paramoera myslenkovi</i>	AM34-50
Haliogeneia Lowry & Stoddart, 1998	<i>H. crosnieri</i>	AN22-38
Sg Humilomoera Staude, 1995	<i>Paramoera leucophthalma</i>	AN21-52
Inhaca Ortiz, Berze-Freire & Wasikete, 1990	<i>I. gnatholobata</i>	AN20-27
Manerogeneia Barnard & Karaman, 1987	<i>Pontogeneiella maneroo</i>	AN17-6
Sg Moonamoera Staude, 1995	<i>Paramoera rua</i>	AN21-52
Nasageneia Barnard & Karaman, 1982	<i>Pontogeneia nasa</i>	AN15-14
Relictomoera Barnard & Karaman, 1982	<i>Paramoera relict</i>	AN15-14
Sg Rhithromoera Staude, 1995	<i>Paramoera carlottensis</i>	AN21-52
Sternomoera Barnard & Karaman, 1982	<i>Paramoera yezoensis</i>	AN15-14
Whangarusa Barnard & Karaman, 1987	<i>Panoploea translucens</i>	AN17-6
PONTOPOREIIDAE		
Diporeia Bousfield, 1989	<i>Pontoporeia hoyi</i>	AN17-22
Monoporeia Bousfield, 1989	<i>Pontoporeia affinis</i>	AN17-22
PRISCOMILITARIDAE		
Paraphotis Ren, 1997	<i>P. sinensis</i>	AN22-54
Priscomilitaris Hirayama, 1988	<i>P. tenuis</i>	AN17-3
PROSCINIDAE		
Cheloscina Shih & Hendrycks, 1996	<i>C. antennata</i>	AN21-50/1
PROTOMEDEIINAE		
Cylindromolaris Ortiz & Lalana, 1999	<i>Cheiriphotis quadrichelata</i>	AN22-49
Pareurystheus Tzvetkova, 1977	<i>Eurystheus anamae</i>	AN11-18
Pumiliophotis Myers, 2009	<i>P. queenslandicus</i>	

PSEUDONIPHARGIDAE

Parapseudoniphargus Notenboom, 1988 *P. baetis* AN17-16

RAKIROIDAE

Rakiroa Lowry & Fenwick, 1982 *R. rima* AN15-36

SCINIDAE

Spinoscina Bowman & Gruner, 1973 *Acanthoscina spinosa* AN4-20

SCOPELOCHEIRIDAE

Anisocallisoma Hendrycks & Conlan, 2003 *A. armigera* AN26-14

SEBIDAE

Caribseba Shaw, 1989 *Seba tropica* AN20-32

Relictoseborgia Karaman, 1982 *Seborgia relictata* AN15-32

SICAFODIIDAE

Sicafodia Just, 2004 *S. stylos* AN27-17

SINUROTHOIDAE

Sinurothoe Ren, 1999 *S. sinensis* AN22-54

STEGOCEPHALIDAE

Alania Berge & Vader, 2001 *Stegocephaloides calypsonis* AN23-5

Austrocephaloides Berge & Vader, 2001 *Stegocephaloides australis* AN23-5/6

Austrophippisia Berge & Vader, 2001 *Phippsia unihamata* AN23-6

Bouscephalus Berge & Vader, 2001 *Stegocephalopsis mamillidacta* AN23-6

Gordania Berge & Vader, 2001 *Phippsiella minima* AN23-6

Glorandaniotis Ledoyer, 1986 *G. fissicaudata* AN17-43

Mediterexis Berge & Vader, 2001 *Andaniexis mimonectes* AN23-5

Pseudo Berge & Vader, 2001 *Phippsiella pseudophippsia* AN23-6

Schellenbergia Berge & Vader, 2001 *Stegocephaloides vanhoeffeni* AN23-6

Stegocephalexia Moore, 1992 *S. penelope* AN20-25

Stegomorphia Berge & Vader, 2001 *Phippsiella watlingi* AN23-6

Stegonomadia Berge & Vader, 2001 *Stegocephalina biofar* AN23-6

Stegosoladius Barnard & Karaman, 1987 *Andaniotes simplex* AN17-6

Stegophippsiella Bellan-Santini & Ledoyer, 1974 *S. pacis* AN 5-32

STERNOPHYSINGIDAE

Sternophysinx Holsinger & Straskraba, 1973 AN 4-23

STENOTHOIDAE

Aurometopa Barnard & Karaman, 1987 *Metopoides aurorae* AN17-6

Chucullba Barnard, 1974 *C. alla* AN 4-30

Hardametopa Barnard & Karaman, 1991 *Metopa nasuta* AN19-5

Knysmetopa Barnard & Karaman, 1987 *Parametopa grandimana* AN17-6

Paraprobolisca Ren, 1991 *P. leptopoda* AN20-30

Pycnopyge Krapp-Schickel, 2000 *Prothaumatelson carinatum* AN22-33

Raumahara Barnard, 1972 *R. dertoo* AN 3-39

Sandrothoe Krapp-Schickel, 2006 *S. distans* AN31-15

Scaphodactylus Rauschert & Andres, 1994 *S. simus* AN21-45

Synkope laurina Krapp-Schickel, 1999 *S. laurina* AN22-33

Thaumatelsonella Rauschert & Andres, 1990	T. kingelepha	AN19-24
Torometopa Barnard & Karaman, 1987	Metopa crenatipalmata	AN17-6
Verticotelson Krapp-Schickel, 2006	V. mantis	AN31-15
Vonimetopa Barnard & Karaman, 1987	Metopella dubia	AN17-6
Wallometopa Barnard, 1974	W. cabon	AN 4-30
Yarra Krapp-Schickel, 2000	Y. unguiserra	AN22-33
Zaikometopa Barnard & Karaman, 1987	Metopelloides erythrophthalmus	AN17-6

STILIPEDIDAE

Bathypanoploea Holman & Watling, 1983	B. schellenbergi	AN 5
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SYNOPIIDAE

Ilerastroe Barnard, 1972	Austrosyrrhoë ilergetes	AN 3-39
Latacunga Barnard, 1972	L. latacunga	AN 3-39
Metatiron Rabindranath, 1972	Pseudotiron brevidactylus	AN 2-32
Priscosyrrhoë Barnard, 1972	Austrosyrrhoë priscis	AN 3-39
Sg Telsosynopia Karaman, 1986	Synopia variabilis	AN17-13

TALITRIDAE

Agilestia Friend, 1982	A. hyperocha	AN15-24
Americorchestia Bousfield, 1991	Orchestia longicornis	AN19-9
Atlantorchestia Serejo, 2004	Pseudorchestoidea brasiliensis	AN27-29
Australorchestia Serejo & Lowry, 2008	A. occidentalis	AN33-22
Austrotroides Friend, 1982	A. pectinalis	AN15-24
Bellorchestia Serejo & Lowry, 2008	B. richardsoni	AN33-22
Bousfieldia Chou & Lee, 1996	B. phoenixae	AN25-5
Brevitalitrus Bousfield, 1971	Talitrus hortulanus	AN 2-19
Cariborchestia Smith, 1998	C. xerophila	AN22-59
Caribotroides Bousfield, 1984	C. jamaicensis	AN16-7
Cerrorchestia Lindeman, 1990	C. hyloraina	AN19-20
Chelorchestia Bousfield, 1984	Orchestia costaricana	AN16-7
Chiltonorchestia Bousfield, 1984	Parorchestia pusilla	AN16-7
Chroestia Marsden & Fenwick, 1984	C. lota	AN16-25
Cochinorchestia Lowry & Peart, 2010	Parorchestia notabilis	AN34-36
Dana Lowry, 2011		
Deshayesorchestia Ruffo, 2003	Orchestia deshayesii	AN 26-33
Eorchestia Bousfield, 1984	Orchestia rectipalma	AN16-7
Floresorchestia Bousfield, 1984	Orchestia floresiana	AN16-7
Hawaiorchestia Bousfield, 1984	Orchestia hawaiiensis	AN16-7
Kanikania Duncan, 1994	Parorchestia improvisa	AN25-7
Macarorchestia Stock, 1989	M. martini	AN17-30
Makawe Duncan, 1994	Orchestia hurleyi	AN25-7
Sg Mexitroides Lindeman, 1990	Caribotroides pecki	AN19-20
Microrchestia Bousfield, 1984	Parorchestia macrochela	AN16-7
Notorchestia Serejo & Lowry, 2008	N. lobata	AN33-22
Paciforchestia Bousfield, 1982	Parorchestia klawei	AN15-17
Palmorchestia Stock & Martin, 1988	P. hypogaea	AN17-18
Platorchestia Bousfield, 1982	Orchestia platensis	AN15-17
Protaustrotroides Bousfield, 1984	P. victoriae	AN16-7
Protorchestia Bousfield, 1982	Orchestia nitida	AN15-17
Pseudorchestoidea Bousfield, 1982	Orchestoidea biolleyi	AN15-17
Puhuruhuru Duncan, 1994	P. aotearoa	AN25-7
Sardorchestia Ruffo, 2003	Talorchestia pelecyaniformis	AN26-33
Sinorchestia Miyamoto & Morino, 1999	Talorchestia sinensis	AN22-43

Tara Duncan, 1994	<i>Orchestia sylvicola</i>	AN25-7
Tethorchestia Bousfield, 1984	<i>T. antillensis</i>	AN16-7
Transorchestia Bousfield, 1982	<i>Orchestia chiliensis</i>	AN15-17
Traskorchestia Bousfield, 1982	<i>Orchestia traskiana</i>	AN15-17
Uhlorchestia Bousfield, 1984	<i>Orchestia uhleri</i>	AN16-7
Waemataui Duncan, 1994	<i>W. manawatahi</i>	AN25-7

TEMNOPHLIANTIDAE

Hystriphlias Barnard & Karaman, 1987	<i>Temnophlias hystrix</i>	AN17-6
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THORIELLIDAE

Parachevreuxiella Andres, 1987	<i>P. lobata</i>	AN17-6
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THURSTONELLIDAE

Thurstonella Lowry & Zeidler, 2008	<i>Clarencia chelata</i>	AN33-16
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TULEARIDAE

Tulearus Ledoyer, 1979	<i>T. thomassini</i>	AN13
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UNCIOLIDAE

Dactylocorophium Karaman, 1980	<i>Unciola obliqua</i>	AN15-30
Janice Griffiths, 1973	<i>J. spinidactyla</i>	AN 3-25
Liocuna Myers, 1981	<i>L. caeca</i>	AN16-28
Orstomia Myers, 1998	<i>O. kanakia</i>	AN22-47
Pedicorophium Karaman, 1981	<i>Unciola laminosa</i>	AN15-30
Pterunciola Just, 1977	<i>P. spinipes</i>	AN10-42
Ritaumius Ledoyer, 1978	<i>R. longicornis</i>	AN10-44
Wombalano Thomas & Barnard, 1991	<i>W. yerang</i>	AN20-36
Zoedeutopus Barnard, 1979	<i>Z. cinaloanus</i>	AN11-34

URISTIDAE

Cedrosella Barnard & Karaman, 1987	<i>Ambasiopsis fomes</i>	AN17-6
Cicadosa Barnard & Karaman, 1987	<i>Anonyx cicadoides</i>	AN17-6
Dounialella Ledoyer, 1986	<i>D. longichelata</i>	AN17-43
Galathella Barnard & Karaman, 1987	<i>Schisturella galatheae</i>	AN17-6
Gippsia Lowry & Stoddart, 1995	<i>G. jonesae</i>	AN21
Martensia Barnard & Karaman, 1991	<i>Lysianassa martensi</i>	AN 19-5
Nagada Lowry & Stoddart, 1995	<i>N. uwedoi</i>	AN21-34
Parschisturella Andres, 1983	<i>P. simplex</i>	AN15-12
Pseudonesimoides Bellan-Santini & Ledoyer, 1974	<i>P. cornutilabris</i>	AN 5-32
Stephonyx Lowry & Stoddart, 1989	<i>Euonyx biscayensis</i>	AN17-56

UROHAUSTORIIDAE

Dirimus Barnard & Drummond, 1982	<i>D. tarlitus</i>	AN15-13
Gheegerus Barnard & Drummond, 1982	<i>G. garbais</i>	AN15-13
Huarpe Barnard & Clark, 1982	<i>H. escofeti</i>	AN15-13
Narunius Barnard & Drummond, 1982	<i>N. tallerkus</i>	AN15-13
Nepella Barnard & Drummond, 1991	<i>N. nelera</i>	AN20-2
Tottungus Barnard & Drummond, 1982	<i>T. tungus</i>	AN15-13
Tuldarus Barnard & Drummond, 1982	<i>T. cangellus</i>	AN15-13
Warragaia Berents, 1985	<i>W. rintouli</i>	AN16-6

UROTHOIDAE

Cunicus Griffiths, 1974	C. profundus	AN 5-27
Pseudurothoe Ledoyer, 1986	P. benthedii	AN17-43

VALETTIOPSIDAE

Valettietta Lincoln & Thurston, 1983	V. lobata	AN15-35
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VIBILIIDAE

Vibilioides Chevreux, 1905		AN26-37
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VICMUSIIDAE

Acanthonotozomopsis Watling & Holman, 1980	Acanthonotozomella pushkini	AN13
Vicmusia Just, 1990	V. duplocoxa	AN18-5

WANDINIDAE

Pseudocyphocaris Ledoyer, 1986	P. coxalis	AN17-43
Wandin Lowry & Stoddart, 1990	W. griffini	AN19-20

ZOBRACHOIDAE

Bumeralius Barnard & Drummond, 1982	B. buchalius	AN15-13
Chono Clark & Barnard, 1987	C. angustiarum	AN17-35
Prantinus Barnard & Drummond, 1982	P. talanggi	AN15-13
Tonocote Clark & Barnard, 1988	T. magellani	AN17-35

Incertae sedis

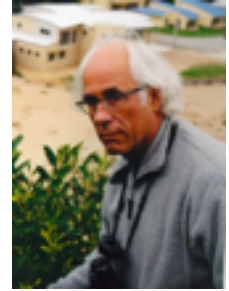
Sensonator Notenboom, 1986	S. valentiensis	AN17-47
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FEATURE INTERVIEW 2012

Wim Vader

Early on and just after starting school (despite WW2 going on), Wim knew he wanted to study biology. His father, who was the Mayor of their village wished differently for Wim, hoping that he would study something other than biology and that would eventually lead to a good career. At 12 years old, Wim got involved with a youth nature study group in Holland (Nederlandse Jeugdbond voor Natuurstudie). With this group Wim biked all over Holland having the opportunity to explore beaches and study plants. His love for nature, particularly for flowers, began then. His 20 km bike ride to high school allowed him to increase his knowledge of plants while teaching his friend Riet (whom has now been Wim's partner for the last 20 years) about them as well. One could say this was Wim's beginnings as a systematist and teacher! Wim was the first in his family to attend University. During this time, Wim worked teaching and research assistant.

When and why did Wim start studying amphipods? As a beginning student Wim was a member of Beach study group (Strand Werk Groep). He had asked an older student what to study. It was suggested Wim should have a look at amphipods, since "nobody" was



interested in them anyway. Since then, "that was that." Half of Wim's Master's degree research was on *Bathyporeia* (1 year). The other half not surprisingly, was on plants. Wim also worked 2 years as benthos zoologist at the Delta Institute (Yerseke, Holland). In 1965, Wim was awarded a University funded graduate student stipend that allowed him 5 years of study at the University of Bergen. Wim eventually became a research scholar (Norwegian Research Foundation-funded) for some years (UiB). His work involved a project on the ecology of *Marinogammarus*. Rumors were that "somebody in Scotland" was working on this genus, so he changed his focus to other amphipods (*Onisimus normani*) namely those associated with deep water (700m) cnidarians (*Bolocera tuedae*) in Korsfjorden south of



Wim and two of his now six grandchildren; Sigurd and Arianne.

Bergen. In the beginning he found almost two amphipods for every host, but after a few years they "disappeared", and his PhD-studies came to a halt. During this time, Wim and his wife Sunniva had three children! They both eventually applied for jobs at the new University of Tromsø (founded in 1968), and in 1973, Wim was offered the job as Zoological Conservator at the Tromsø Museum. His responsibilities included "everything except insecta" – basically sponges to whales! After hearing something similar from someone in the US, Wim adopted his motto that "his science is like the Mississippi River: three miles wide and five inches deep." While at the Tromsø Museum, Wim believes he worked with every animal phylum. After colleague Einar Bruun died in an accident, for just over 10 years (1976-1990) Wim worked almost extensively on seabirds. Money for study of seabirds became available as well, in part to a Seabird-crisis (induced by a capelin crisis) and an offshore oil industry. Wim supervised several students on their theses on birds. Wim quickly became known as the "bird-man" and birding has always been a great hobby for him. He has

kept a “Blog”: “Birds and Seasons in Tromsø” for the last 10 years. Wim takes several holidays (more and more frequent) to go birding “everywhere.”



Wim’s interests in amphipods and their associates has always been there, and he has continued this research during his sabbaticals

(Bodega Bay 1979-80, Scripps (La Jolla) 1986, Sydney 1993, Cape Town 1999, Cork 2000). Wim’s research on such groups continues today.

When and why did Wim start the Amphipod Newsletter? In 1970, with work being done on the Mediterranean book and with Sandro Ruffo in Verona, Wim sent out a questionnaire to colleagues (AN1) asking if they wanted such a bibliography or any help? This was discussed in Verona with Wim, Traudl Krapp-Schickel, Alan Myers, Gordan Karaman, Denise Bellan-Santini, Ulrich Schiecke and Sandro Ruffo. Such a positive response led to AN2 in 1972. Early ANs were mimeographs, and Wim relied upon regional helpers for assistance mainly to solicit subscribers and to collect money. For some years they got some

financial support from Zootax (Sweden).

Eventually AN was published electronically. All remaining



Wim and Riet - at the XIV ICA in Seville.

subscription funding was used towards student travel stipends to attend meetings (Hungary/Tihany and Seville). Over the years, many people contributed information and citations to the AN’s particularly Jan Stock (Amsterdam), Juri Vinogradov (Moscow) and Franz Krapp (Bonn). Although the Tromsø Museum gave Wim time to work on such projects, namely the AN, many hours was done on his own time.

Verona-group: In 1967, Traudl Krapp-Schickel wrote to Wim asking about amphipods, and when Sandro Ruffo organized (1968) a meeting for writing the Monograph of Mediterranean Amphipods, Wim was included. They had no common language for the whole group: they



Wim and his binoculars - ready to spot birds

considered French, but not all of them knew French; five in the group spoke Italian. So, part of the work was done in English, and it was decided early on that the monograph should be written in English - Sandro Ruffo knew no English. However Sandro coordinated and organized it all! Wim says his notes from these meetings were in a mixture of Dutch, French, English and probably something that looks almost like Italian (which he did not know). Wim was part of the 4th book/part of the Monograph - where he made an (illustrated) key to all families of amphipods in the Mediterranean. This is one of the things he still continues to make for several papers. He has continued to work with Traudl since these meetings with just last February visiting her in Adendorf for an unbelievable 26th time! Over the years they continue to keep a close and personal friendship.

Amphipod Meetings - What is good (lovely!) with “the Amphipod family” is that there are no feuds.

Most Amphipodologists seem to be personal friends, with amphipod meetings that are more a family gathering, and Wim feels (and hopes) that the new and “young” amphipod workers are included in this family feeling. No fights scientifically - this must have helped the progression of the amphipod work. The big “gurus” (J. Barnard, J. Stock, E. Bousfield, J. Lowry, etc) have always helped others - this is also very, very good! We have been lucky in this aspect! Wim says it’s very nice to see new “centres” of amphipod studies (Turkey, Iran, Tunisia, Brazil...) that have developed. The Polish group of amphipod workers particularly, have been important in keeping this good environment, and of course also Traudl. He has visited the homes of many amphipod workers (ex Traudl, Jim, Alan, Denise Bellan-Santini, Jerry Barnard, Geoff Moore, Ed Bousfield, Kathy Conlan and others) it shows the types of friendly relationships we have in our amphipod group/family.

What is/are your favorite amphipod species name? (not an easy question to answer) the genus *Hoho* is good ;) likes names that stand out a little... (from Mollusca he really likes *Abra cadabra*...)

What amphipod appendage(s) do you like illustrating the best? He does not like illustrating pieces – but pereopods are the easiest...Uropods are ok.

What amphipod appendage(s) do you like illustrating the least?

Mandibles, gnathopods often.

Where is/are your favorite place(s) to collect amphipods? Bodega Bay (CA) and Falklands Islands were great places to sample - and intertidal on sandy beaches and sand flats have been a favorite since childhood. (Wim has a friend who wrote a paper on “the beach when there is nothing to find there” and got inspired from this)

Places you wished you never tried to collect amphipods? on the open sea on a small boat is not a favorite, (then you first fear you might die and then you fear you might not die) - but most all amphipod collecting trips have been great. Intertidal sampling on the beach at Bear Island in the Barents Sea was not the greatest amphipod moment.

Describe/name your most memorable amphipod moment(s)? Sieving amphipods on the beaches and mudflats of Holland, and also searching for amphipods on the beaches of the Falkland Islands together with my daughter have been very happy moments. Finding associated amphipods on or in new hosts have also always given me a “kick”, for example on crabs at the Falklands, or on Pagurida in Australia..

(by Anne Helene and Adam)



Wim field sampling with students Jan Roger and Cedric.

Dates and place for the 15th ICA already set up

We are pleased to announce that the 15th International Colloquium on Amphipoda organized by the team from the Department of Invertebrate Zoology & Hydrobiology, University of Lodz is finally scheduled to take place from 2nd to 7th of September 2013 in Szczawnica in Poland.

Szczawnica is the pearl of the Polish health resorts. It is situated on the border of the Sudeckie Beskids and the Pieniny Mountains in the picturesque valley of the rivulet Grajcarek. It is one of the most beautiful corners of Poland. The picturesque mountainous landscape with its unique gorge of the Dunajec, the vicinity of the Pieniny National Park and the Poprad Landscape Park make Szczawnica one of the most attractive tourist localities in Poland. To its geological foundations owes the health resort Szczawnica its mineral alkaline-salty waters, used in a variety of treatments.

Concerning the transportation options, Szczawnica may be easily reached by bus from Kraków (Cracov), where the international Kraków Airport (<http://www.krakowairport.pl/en>) is located. Alternatively, Szczawnica is easily reached by car through the A4 highway (http://en.wikipedia.org/wiki/A4_autostrada_%28Poland%29) from Germany.

The colloquium will be held in "JAN" HOTEL (http://www.hoteljan.nct.pl/index_en.php), which is situated in a very peaceful and natural place, on the forest border, about 5 km from the city center, 100m from the main road.

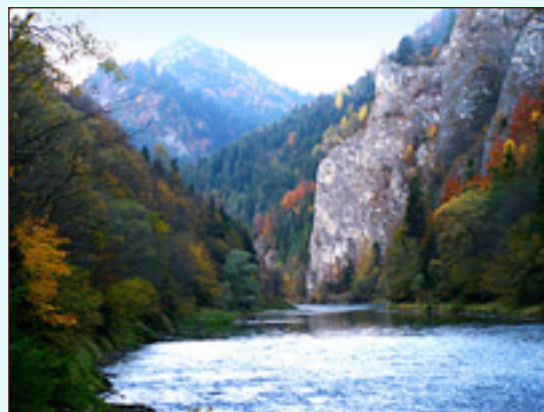
We will open the official 15th ICA website and Facebook page with preliminary schedule and pre-registration panel in September 2012. Following the long tradition of ICA we are trying to keep the costs at low limits, and due to the generally unstable economic situation in Europe we are not able to make the definite calculations such early. Thus, concerning the registration fee and accommodation prices, we will inform you about that in January 2013 at latest.

We are looking forward to meet you all next year!

On behalf of the organizing committee,

Michał Grabowski

Karolina Bacela-Spychalska



More information upon the Szczawnica and its beautiful surroundings you may find under the following links:

<http://en.wikipedia.org/wiki/Szczawnica>

http://en.wikipedia.org/wiki/Pieniny_National_Park_%28Poland%29

http://en.wikipedia.org/wiki/Dunajec_River_Gorge

http://en.wikipedia.org/wiki/Trzy_Korony

http://www.pieninypl.pl/index.html?lang_id=UK



New frontiers in Monitoring European Biodiversity: "The role and importance of Amphipod crustaceans"

We walked through a pelting rain to reach the Botanical Garden of Palermo (Sicily, Italy) on the 27th of September 2011 for the MEB Conference, but when we reached the building and went through the door of the reception to start the usual queue for the registration, there were a lot of smiles around. There I had the confirmation that I was missing that atmosphere.



The idea of a big family is not trivial, I breathed the air of the Amphipod meetings from when I was a student and like what happens in big families the younger learns

from the most expert and is grateful for this. The meeting in Palermo followed the same rule and was not different from the previous Amphipod meetings. And like the others it was a synergy of scientific and human experiences.

Traudl opened the Conference with her usual humor, introducing the importance of Amphipod taxonomy, and a total of 34 stimulating oral presentations followed on different topics: taxonomy and diversity of Amphipods, inspection of the modern tools based on morphological and molecular characters, the use of Amphipods in environmental monitoring and the impact of decline in traditional taxonomy on research. The oral presentations concluded with the instructive and amusing movie presented by Dirk on a male Amphipod guarding on a female. At the same time 34 posters were housed in the nearby historical building of Gymnasium within the Garden and scientific discussions took place between a walk under the rich and exotic vegetation, a coffee and a stop in front of the posters.

Some of the time for relax was dedicated to visit the historical Jails and the Chiaramonte Palace now seat for the University of Palermo offices, and during the final dinner in the Gymnasium of the Botanical Garden on September the 29th, the participants could degust various Sicilian foods and wines, while local musicians played live folk music and the Sicilian Tarantella.



This was the occasion for dancing, for laughing and for wishing to everybody all the best till the next meeting.

A big thank to Sabrina Lo Brutto, to Valerio Ketmaier and to all their staff, and also to all the participant to the meeting for having made it so intense.

Claudia Rossano



For contributions to future Amphipod newsletters:

Please contact Adam (abaldinger@oeb.harvard.edu), Miranda (m.lowe@nhm.uk) or Anne Helene (annehelene.tandberg@imr.no). We are always happy to hear from you: what do you want us to include in the newsletter, do you have information about meetings, how do you think we can improve?

Thank you for your help!