

## **AMPHIPOD NEWSLETTER 34**

This issue of the Amphipod Newsletter has been much delayed; it was meant to have come out in good time before the 14<sup>th</sup> International Amphipod Conference in Sevilla 13-18 Sept. 2010. My excuses!

As usual, I have had much assistance in collecting the data for the bibliography, especially from Franz Krapp (Bonn) and Egor Vinogradov (Moscow). I am also grateful to those colleagues who sent me pdf's of or references to their recent papers; I wish more would be so considerate! Since my retirement it has become even more complicated than before to keep abreast of the amphipod literature, and there will no doubt be many omissions.

Since AN 33, the amphipod world has lost some of its most illustrious members. The death of Prof. Sandro Ruffo (Verona), active in amphipod science and nature conservation far into his nineties, signifies almost the end of an era. He was the undisputed master in the fields of Mediterranean amphipods and many freshwater and subterranean groups, and the 4-volume monograph on the Mediterranean Amphipoda, as well as the very rich and well-organized amphipod collection in the Museo Civico di Storia Naturale, Verona are among the many lasting monuments in his honour.

Dr Nina Tzvetkova died this summer in St Petersburg after a long career at the famous museum there. She too was a prominent amphipod worker during many years, and especially her monograph on the Russian gammarids, and her many faunistic and taxonomic novelties from northern and northeastern Russia deserve mention.

Finally, Dr Angelo Libertini (Venice) died very recently after long illness; his name is even still present among the participants of the Sevilla conference. Dr Libertini specialized in the study of the chromosomes of i.a. amphipods, and obtained many new and interesting results in this rather exclusive specialty.

Tromsø, 6 Sept. 2010

Wim Vader

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- FREY, M. A., H. N. GARTNER, C. C. MURRAY & T. W. THERRIALT 2009. First confirmed records of the non-native amphipod *Caprella mutica* (Schurin, 1935) along the coast of British Columbia, Canada, and the potential for secondary spread via hull fouling. ---- *Aquatic Invasions* 4, 495-499.
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- GINSBURGER-VOGEL, T. & I. DESPORTES 2008. Etude ultrastructurale de la sporulation de *Paramarteilia orchestiae* gen. n., sp. n., parasite de l'Amphipode *Orchestia gammarellus* (Pallas). ---- *Journal of Eukaryotic Microbiology* 26, 390-403. (Not seen)
- GJØSÆTER, H., B. BOGSTAD & S. TJELMELAND 2009. Ecosystem effects of the three capelin stock collapses in the Barents Sea. ---- *Marine Biology Research* 5, 40-53.
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- GOROKHOVA, E., M. LÖF, H. P. HALLDORSSON, U. TJÄRNLUND, M. LINDESTROM, T. ELFWING & B. SUNDELIN 2010. Single and combined effects of hypoxia and contaminated sediments on the amphipod *Monoporeia affinis* in laboratory toxicity bioassays based on multiple biomarkers. ---- *Aquatic Toxicology* 99, 263-274.
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- GRIFFITHS, C. L., T. B. ROBINSON & A. MEAD 2009. *The status and distribution of marine alien species in South Africa*, ---- Pp 393-408 in G. Rilov & J. A. Crooks. Biological invasions in marine ecosystems. Ecological, management, and geographic perspectives. Springer, Berlin-Heidelberg. (Not seen)
- GRIGOROVICH, I. A., T. R. ANGRADI, E. B. EMERY & M. S. WOOTEN 2008. Invasion of the upper Mississippi River system by saltwater amphipods. ---- *Archiv für Hydrobiologie* 173, 67-77. (*Apocorophium lacustre*, *Echinogammarus ischnus* and *Gammarus tigrinus*.)
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- GRIMES, S., J.-C. DAUVIN & T. RUELLET 2009. New records of marine amphipod fauna (Crustacea: Peracarida) on the Algerian coast. ---- *Marine Biodiversity Records* 2, 9 pp (Many new records; the total for Algerian waters is now 298 spp of amphipods.)
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- GRINTSOV, V. A. 2009. (*Parhyale taurica* sp. nov. (Amphipoda, Hyalidae)—the new species from the Crimea coastal zone (Black Sea).) ---- *Biol. Mosk. O-Va Ispitatelej Prirodi* 114, 73-76 ( In Russian. I have been unable to find the exact name of the journal)
- GRINTSOV, V. A. & Yu. A. ZAGORODNYAYA 2008. The amphipod *Microprotopus maculatus* in the Black Sea: an alien or and old acquaintance? ---- *Marine Ecological Journal* 7,1 (The authors point out that *M. minutus* probably is a junior synonym of *M. maculatus*, and that the latter species is not a newcomer to the Black Sea, as recently reported by Shiganova (2007)).
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- GRUSZKA, P. & A. WOZNICZKA 2008. *Dikerogammarus villosus* (Sowinski, 1894) in the River Odra estuary—another invader threatening Baltic sea coastal lagoons. ---- *Aquatic Invasions* 3, 395-403.
- GRZELAK, K. & P. KUKLINSKI 2010. Benthic assemblages associated with rocks in a brackish environment of the southern Baltic Sea. ---- *Journal of the Marine Biological Association UK* 90, 115-124. (A Polish study: amphipods are *Corophium* (*C. lacustre* and *C. multisetosum*) and *Gammarus* (*G. salinus* and *G. zaddachi*) spp, *Leptocheirus pilosus*, as well as a few of the invasive caprellid *Caprella mutica*.)

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GUERRA-GARCIA, J. M., E. BAEZA-ROJANO, M. P. CABEZAS, J. J. DIAZ- PAVON, I. PACIOS & J. C. GARCIA-GOMEZ 2009. The amphipods *Caprella penantis* and *Hyale schmidtii* as biomonitors of trace metal contamination in intertidal ecosystems of Algeciras Bay, Southern Spain. ---- *Marine Pollution Bulletin* 58, 783-786.

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GUERRA-GARCIA, J. M. & J. C. GARCIA-GOMEZ 2008. (Hand corer versus van Veen grab in harbour sediments: Efficiency estimation in the study of macrobenthic communities). ---- *Zoologia Baetica* 19, 57-69. (In Spanish. The hand corer was in some aspects superior to the grab.)

GUERRA-GARCIA, J. M. & J. C. GARCIA-GOMEZ 2009. Recolonization of macrofauna in unpolluted sands placed in a polluted yachting harbour: A field approach using experimental trays. ---- *Estuarine, Coastal and Shelf Science* 81, 49-58. (Amph. p. 53)

GUERRA-GARCIA, J. M. & D. IZQUIERDO 2010. Caprellids (Crustacea: Amphipoda) associated with the intertidal alga *Corallina elongata* along the Iberian Peninsula. ---- *Marine Biodiversity Records* 3, 7 pp.

GUERRA-GARCIA, J. M., T. KRAPP-SCHICKEL & H.G.MÜLLER 2006. Caprellids from the Caribbean coast of Colombia, with description of three new species and a key for species identification. ---- *Boletino de Investigaciones Marinas y Costeras* 35, 149-194. (Deals with *Caprella cf penantis*, *C. danilevskii*, *Deutella caribensis* n. sp. (Bahia Concha, Colombia), *D. incerta*, *D. mayeri*, *Hemiaeginina minuta*, *Paracaprella pusilla*, *Pseuaeginella colombiensis* n. sp. (Punta el Diamante, Colombia), *Tritella chibcha* n. sp. (Bahia de Santa Marta, Colombia), and *Aciconula* sp. NB This paper was in AN 31, but the new spp were there inadvertently omitted in the species lists, they are therefore added here )

GUERRA-GARCIA, J. M. & J. K. LOWRY 2009. Caprellidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 290-327. (Deals with *Aciconula australiensis*, *Caprella penantis*, *Hemiaegina minuta*, *Metaprotella sandalensis*, *Orthoprotella australis*, *O. pearce*, *O. sp.*, *Paracaprella sp.*, *Protella similis*, *Pseuaeginella cf biscayensis*, *Jigurru vailhoggett*, *Metaprotella novaehollandiae*, *Perotripus keablei*, *Pseudoprellicana johnsoni*, *Pseudoprotella fallax*, *Quadrisegmentum lowryi*, and *Q. triangulum*, all from Lizard island, GBR)

GUERRA-GARCIA, J. M., A. RUIZ-TABARES, E. BAEZA-ROJANO, M. P. CABEZAS, J. J. DIAZ-PAVON, I. PACIOS, M. MAESTRE, A. R. GONZALEZ, F. ESPINOSA & J. C. GARCIA-GOMEZ 2010. Trace metals in *Caprella* (Crustacea: Amphipoda). A new tool for monitoring pollution in coastal areas? ---- *Ecological Indicators* 10, 734-743.

- GUERRA-GARCIA, J. M., J. A. SANCHEZ & M. ROS 2009. Distributional and ecological patterns of caprellids (Crustacea: Amphipoda) associated with the seaweed *Stypocaulon scoparium* in the Iberian Peninsula. ---- *Marine Biodiversity Records* 2, 8 pp. (Ten caprellid species found)
- GUERRA-GARCIA, J. M. & J. M. TIerno DE FIGUEROA 2009. What do caprellids (Crustacea: Amphipoda) feed on? ---- *Marine Biology* 156, 1881-1890. ('Most caprellids are mainly detritivores, but a few Phtiscinae are obligate predators.' An important paper!)
- GULER, Y. & A. T. FORD 2010. Anti-depressants make amphipods see the light. ---- *Aquatic Toxicology* 99, 397-404. (Catchy title! *Echinogammarus marinus* exposed to fluoxetine show increased positive phototaxis, similar to animals parasitized by acanthocephalans.)
- GUTOW, L., L. GIMÉNEZ, K. BOOS & R. SABOROWSKI 2009. Rapid changes in the epifaunal community after detachment of buoyant benthic macroalgae. ---- *Journal of the Marine Biological Association UK* 89, 323-328. (An Icelandic study)
- HAHN, H. J. & A. FUCHS 2009. Distribution patterns of groundwater communities across aquifer types in south-western Germany. ---- *Freshwater Biology* 54, 848-860. (14 spp of amphipods listed on pp 853-854.)
- HAMPEL, H., M. ELLIOTT & A. CATRIJSSE 2009. Macrofaunal communities in the habitats of intertidal marshes along the salinity gradient of the Schelde estuary. ---- *Estuarine, Coastal and Shelf Science* 84, 45-53. (Amphipods found are *Corophium volutator*, *Gammarus zaddachi* and *Melita pellucida*)
- HANCOCK, P. J. & A. J. BOULTON 2008. Stygofauna biodiversity and endemism in four alluvial aquifers in eastern Australia. ---- *Invertebrate Systematics* 22, 117-126. (Not seen).
- HANCOCK, P. J. & A. J. BOULTON 2009. Sampling groundwater fauna: efficiency of rapid assessment methods tested in bores in eastern Australia. ---- *Freshwater Biology* 54, 902-917.
- HARVEY, M., P. S. GALBRAITH & A. DESCROIX 2009. Vertical distribution and diel migration of macrozooplankton in the St Lawrence marine system (Canada) in relation with the cold intermediate layer thermal properties. ---- *Progress in Oceanography* 80, 1-21.  
(i.a. *Themisto* spp)
- HAUTON, C., T. TYRELL & J. WILLIAMS 2009. The subtle effects of sea water acidification on the amphipod *Gammarus locusta*. ---- *Biogeosciences Discussions* 6, 919-946.
- HAVERMANS, C., Z. T. NAGY, G. SONET, C. DE BROYER & P. MARTIN 2010. Incongruence between molecular phylogeny and morphological classification: a case study of Antarctic lysianassoids. ---- *Molecular Phylogenetics and Evolution* 55, 202-209. (A most interesting and thought provoking paper, centering on the *Orchomene*-sl group in the Antarctic.)
- HAY, M. E. 2009. Marine chemical ecology: chemical signals and cues structure marine populations, communities, and ecosystems. ---- *Annual Review of Marine Science* 1, 193-212. (An excellent overview of this fascinating field of research)
- HELLOU, J., D. JOHNSTON, K. CHEESEMAN, A. GRONLUND, E. DESNOYERS, J. LEONARD & S. ROBERTSON 2009. Bioavailability and bioaccumulation of PAH in amphipods exposed to reference and harbor sediments. ---- *Polycyclic Aromatic Compounds* 29, 12-27. (A Canadian study on *Corophium volutator*)

- HELLOU, J., J. LEONARD, A. COOK, K. DOE, K. DUNPHY, P. JACKMAN, L. TREMBLAY & J. M. FLEMING 2009. Comparison of the partitioning of pesticides relative to the survival and behaviour of exposed amphipods. ---- *Ecotoxicology* 18, 27-33. (*Corophium volutator*)
- HESSLSCHWERDT, J., J. NECKER & K. M. WANTZEN 2008. Gammarids in Lake Constance: habitat segregation between the invasive *Dikerogammarus villosus* and the indigenous *Gammarus roeselii*. ---- *Fundamental and Applied Limnology* 173, 177-186.
- HÉTÉRIER, V., B. DAVID, C. DE RIDDER & T. RIGAUD 2008. Ectosymbiosis is a critical factor in the local benthic biodiversity of the Antarctic deep sea. ---- *Marine Ecology Progress Series* 364, 67-76. (Associates on cidarid sea-urchins)
- HEYNS, E. & W. FRONEMAN 2010. Spatial and temporal patterns in the hyperbenthic community structure in a warm temperate southern African permanently open estuary. ---- *Estuarine, Coastal and Shelf Science* 88, 2010, 105-115. (Amphipods listed on p. 107)
- HILL, N.A., C. K. KING, L. A. PERRETT & E. L. JOHNSTON 2009. Contaminated suspended sediments toxic to an Antarctic filter feeder: aqueous- and particulate-phase effects. ---- *Environmental Toxicology and Chemistry* 28, 409-417. (Not seen)
- HINTZEN, E. P., M. J. LYDY & J. B. BELDEN 2009. Occurrence and potential toxicity of pyrethroids and other insecticides in bed sediments of urban streams in central Texas. ---- *Environmental Pollution* 157, 110-116. (*Hyalella azteca*)
- HOLSINGER, J. R., J. SHAFER, D. W. FONG & D. C. CULVER 2008. *Gammarus cohabitatus*, a new species of subterranean amphipod (Gammaridae) from groundwater habitats in central Pennsylvania. *Subterranean Biology* 6, 31-41.
- HORTON, T & M. THURSTON 2009. *Hirondellea sindhusagar* (Crustacea; Amphipoda: Lysianassoidea), a new deep-water scavenger species from the Indian Ocean, with a key to the genus *Hirondellea*. ---- *Zootaxa* 2096, 433-441.
- HOSONO, T. 2009. Effect of temperature on the duration of reproductive cycles of female *Caprella mutica* (Crustacea: Amphipoda) in the laboratory. ---- *Marine Biodiversity Records* 2, 6 pp
- HOU, Z., Z. LI & S. LI 2009. Identifying Chinese species of *Gammarus* using bar-coding. ---- *Current Zoology* 55 (2), 158-164. (A most interesting paper, studying the possibilities of barcoding in amphipod taxonomy.)
- HOU, Z., Y. PAN & S. LI 2010. Description of a new blind species of *Heterokamaka* (Crustacea: Amphipoda: Kamakidae) from Dianshan lake, China. ---- *Zootaxa* 2395, 57-67. (*Heterokamaka lutensis* n. sp. )
- HSU, C.-B., C.-P. CHEN & H.-L. HSIEH 2009. Effects of sediment compaction on macroinfauna in a protected wetland in Taiwan. ---- *Marine Ecology Progress Series* 375, 73-83. ('Polychaetes were more sensitive than amphipods and bivalves'. The very many amphipods were not further identified.)
- HUANG, Y. M., M. O. AMSLER, J. B. McCLINTOCK, C. D. AMSLER & B. J. BAKER, 2007. Patterns of gammaridean amphipod abundance and species composition associated with dominant subtidal macroalgae from the western Antarctic Peninsula. ---- *Polar Biology* 30, 1417-1430. (Amph. listed on pp 1421-1422)
- HUANG, Y. M., J. B. McCLINTOCK, C. D. AMSLER, K. J. PETERS & B. J. BAKER 2006. Feeding rates of common Antarctic gammarid amphipods on ecologically important sympatric macroalgae. ---- *Journal of Experimental Marine Biology and Ecology* 329, 55-65.



(Data on *Prostebbingia gracilis*, *Gondogeneia antarctica* and *Metalemptamphopus pectinatus*.)

HUCK, E., A. MARTIN & P. MILOSLAVICH 2007. (Proteic content in the embryonic stages of *Talorchestia margaritae* (Amphipoda: Talitridae) during its intramarsupial development). ---- *Revista de Biología Tropical* 55 (Suppl.),??-??. (In Spanish, not seen)

HUGHES, L. E. 2009. Exoedicerotidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 430-433. (Deals with *Parhalimedes kyhursti* n. sp., Lizard island, GBR)

HUGHES, L. E. 2009. Megalurotopidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 708-712. (Deals with *Gibberosus udarus* n. sp. from Lizard island, GBR)

HUGHES, L. E. 2009. Paracalliopiidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 759-765. (Deals with *Doowia dexteræ* and *Yhi yindi*.)

HUGHES, L. E. 2009. Platyischnopidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 828-835. (Deals with *Platyischnopus mam* and *Tomituka eumilli* n. sp. (Fantome island, GBR).)

HUGHES, L. E. 2009. Synopiidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 880-891. (Deals with *Synopia ultramarina*, *S. petitaserrata* n. sp (Lizard island) and *Telsosynopia trifidilla*.)

HUGHES, L. E. 2009. *Parelasmpopus poorei* a new species of Maeridae (Crustacea: Amphipoda) from Southern Australia. ---- *Memoirs of Museum Victoria* 66, 77-80. (From W. of Point Ricardo, Bass Str., Victoria))

HUGHES, L. E. & J. K. LOWRY 2009. Ampithoidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 153-219. (Deals with *Ampithoe cookana*, *A. katae* (with *A. ningaloo* as a junior synonym), *A. kava*, *A. meganae* (with *A. rotunda* as a junior synonym), *A. waiialua* (with *A. hiana* as a junior synonym), *Cymadusa alyxis* n. sp.(Lizard island), *Cymadusa cavimana* (with *C. jiiurru* as a junior synonym), *C. heronensis*, *C. hoeyae* n. sp. (Lizard island), *C. imbroglio*, *C. khbarnardi* n. sp. (Lizard island), *C. mariabyrneae* n. sp. (One Tree island, GBR), *C. smilodonta* n. sp. (Lizard island), *C. tattersalli*, *C. thagaay*, *C. wistari*, *Paragrubia edgari* Peart n. sp.(Cape Cleveland, Qld.), *Plumithoe quadrimana*, and *Sunamphitoe fantome* Peart n. sp. (Fantome island, GBR). The two spp described by Peart get as author name Peart, in Hughes & Lowry, 2009)

HUGHES, L. E. & J. K. LOWRY 2009. Oedicerotidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 746-758. (Deals with *Aborolobatea insidiosa* n. sp. (One Tree island, GBR), *Monoculodes tropicalis* n. sp. (Lizard island) and *Perioculodes talboti* n. sp. (One Tree island, GBR).)

HUMPHREYS, W. F. 2008. Rising from Down Under: developments in subterranean biodiversity in Australia from a groundwater perspective. ---- *Invertebrate Systematics* 22, 85-101. (Not seen)

- HUMPHREYS, W. F., C. H. S. WATTS, S. J. B. COPPER & R. LEIJS 2009. Groundwater estuaries of salt lakes: buried pools of endemic biodiversity on the western plateau, Australia. ---- *Hydrobiologia* 626, 79-95.
- HUZ, R. de la 2008. Effects of morphodynamic state on macrofauna community of exposed sandy beaches on Galician coast (NW Spain). ---- *Marine Ecology* 29, Suppl 1, 150-159.
- HYNE, R. V., F. SANCHEZ-BAYO, A. D. BRYAN, E. L. JOHNSTON & M. M. REINIER 2008. Fatty acid composition of the estuarine amphipod, *Melita plumulosa* (Zeidler): link between diet and fecundity. ---- *Environmental Toxicology and Chemistry* 28, 123-132.
- IANNILLI, V., A. MINELLI & S. RUFFO 2009. *Haploginglymus morenoi* (Crustacea, Amphipoda, Niphargidae), a new interstitial Iberian species with unusual maxilliped. ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 33, 105-112. (Matarana, Aragon, Spain. Not seen)
- IKEN, K., C. D. AMSLER, M. O. AMSLER, J. B. McCLINTOCK & B. J. BAKER 2009. Field studies on deterrent properties of phlorotannins in Antarctic brown algae. ---- *Botanica Marina* 52, 547-558.
- IKEN, K., C. D. AMSLER, J. M. HUBBARD, J. B. McCLINTOCK & B. J. BAKER 2007. Allocation patterns of phlorotannins in Antarctic brown algae. ---- *Phycologia* 46, 386-395.
- IKEN, K., B. BLUHM & K. DUNTON 2010. Benthic food –web structure under differing water mass properties in the southern Chukchi Sea. ---- *Deep-Sea Research II* 57, 71-85. (Amphipods—many unidentified—on p. 78).
- IKKO, N. V. & O. S. LYUBINA 2010. Distribution of the genus *Gammarus* (Crustacea: Amphipoda) along the coast of Arctic fjords as an indicator of prevailing environmental conditions. ---- *Doklady Biological Sciences* 431, 149-151. (Data from Kola Bay and from Grønnefjorden on Spitsbergen.)
- INGERSOLL, C. G., N. E. KEMBLE, J. L. KUNZ, W. G. BRUMBAUGH, D. D. McDONALD & D. SMORONG 2009. Toxicity of sediment cores collected from the Ashtabula River in Northeastern Ohio, USA, to the amphipod *Hyaella azteca*. ---- *Archives of Environmental Contamination and Toxicology* 57, 315-329.
- INGOLFSSON, A. 2009. Predators on rocky shores in the northern Atlantic: Can the results of local experiments be generalized on a geographical scale? ---- *Estuarine, Coastal and Shelf Science* 83, 287-295.
- ITO, A., H. WADA & M. N. AOKI 2008. Phylogenetic analysis of caprellid and corophioid amphipods (Crustacea) based on the 18S rRNA gene, with special emphasis on the phylogenetic position of Phtisicidae. ---- *Biological Bulletin* 214, 176-183. (All Caprellidea form a monophyletic clade, but the close connection with the Dulichiidae is not confirmed.)
- JACOBSON, T., K. HOLMSTRÖM, G. YANG, A. T. FORD & B. SUNDELIN 2010. Perfluorooctane sulfonate accumulation and parasite infestation in a field population of the amphipod *Monoporeia affinis* after microcosm exposure. ---- *Aquatic Toxicology* 98, 99-106.
- JACOBUCCI, G. B., M. O. TANAKA & F. P. P. LEITE 2009. Temporal variation of amphipod assemblages associated with *Sargassum filipendula* (Phaeophyta) and its epiphytes in a subtropical shore. ---- *Aquatic Ecology* 43, 1031-1040. (Amphipods listed on p. 1034.)
- JAMIESON, A. J., T. FUJII, D. J. MAYER, M. SOLAN & I. G. PRIEDE 2010. Hadal trenches: the ecology of the deepest places on earth. ---- *Trends in Ecology and Evolution* 25, 190-197.

- JAMIESON, A. J., T. FUJII, M. SOLAN, A. K. MATSUMOTO, P. M. BAGLEY & I. G. PRIEDE 2009. First findings of decapod crustacea in the hadal zone. ----*Deep-Sea Research I* 56, 641-647. (Amphipods present, but not identified, at all localities in the various trenches (6000-9729m) in the Pacific.)
- JANSSEN, G., H. KLEEF, S. MULDER & P. TYDEMAN 2008. Pilot assessment of depth related distribution of macrofauna in surf zone along Dutch coast and its implications for coastal management. ---- *Marine Ecology* 29, Suppl. 1, 186-194. (Amph. listed on p. 189.)
- JARMAN, S. N., K. S. REDD & N. J. GALES 2006. Group-specific primers for amplifying DNA sequences that identify Amphipoda, Cephalopoda, Echinodermata, Gastropoda, Isopoda, Ostracoda and Thoracica. ---- *Molecular Ecology Notes* 6, 268-271.
- JASCHINSKI, S., N. ABERLE, S. GOHSE-REIMANN, H. BRENDDELBERGER, K. H. WILTSHIRE & U. SOMMER 2009. Grazer diversity effects in an eelgrass-epiphyte-microphytobenthos system. ---- *Oecologia* 159, 607-615. (*Gammarus salinus* one of three main grazers)
- JAUME, D., B. SKET & G. A. BOXSHALL 2009. New subterranean Sebidae (Crustacea, Amphipoda, Gammaridae) from Vietnam and SW Pacific. ---- *Zoosystema* 31, 249-277. (Deals with *Seborgia sanctensis* n. sp. (Espiritu Santo, Vanuatu), *S. vietnamica* n. sp. (Vinh Ha Long, Gulf of Tonkin, Vietnam, and *S. kanaka* n. sp. (Lifou, Loyalty islands). The genus *Relictoseborgia* is placed into synonymy with *Seborgia*, and the validity of *Caribseba* is also considered doubtful.)
- JAVIER, S. N. & C. O. COLEMAN 2010. *Talitrus curioi* (Crustacea, Amphipoda, Talitridae), a new species of landhopper from the rainforest of the Philippines. ---- *Zoosystematics and Evolution* 86, 41-48.
- JAZDZEWSKA, A. 2009. Antarctic necrophagous lysianassoids from a stranded fur seal carcass. ---- *Polish Polar Research* 30, 29-36. (Six species found, with *Abyssorchomene plebs* and *Waldeckia obesa* greatly dominant)
- JAZDZEWSKA, A. & K. JAZDZEWSKI 2008. *Pontogammarus robustoides* (G. O. Sars, 1894) (Crustacea, Amphipoda), a new Ponto-Caspian invader in Great Masurian Lakes (NE Poland). ---- *Fragmenta Faunistica* 51, 1-7.
- JAZDZEWSKI, K. & J. KUPRYJANOWICZ 2010. One more fossil niphargid (Malacostraca: Amphipoda) from Baltic amber. ---- *Journal of Crustacean Biology* 30, 413-416. (*Niphargus* cf *groehni*)
- JENNER, R. A., C. N. DHUBHGHAILL, M. P. FERLA & M. A. WILLS 2009. Eumalacostracan phylogeny and total evidence: limitations of the usual suspects. ---- *BMC Evolutionary Biology* 9, 21- 40. (Despite its, to me, enigmatic title, a most interesting and thought-provoking paper)
- JEONG, S. J., O. H. YU & H.-L. SUH 2009. Reproductive patterns and secondary production of *Gammaropsis japonicus* (Crustacea, Amphipoda) on the seagrass *Zostera marina* of Korea. ---- *Hydrobiologia* 623, 63-76.
- JEPHSON, T., P. NYSTRÖM, P.-O. MOKSNES & S. P. BADEN 2008. Trophic interactions in *Zostera marina* beds along the Swedish coast. ---- *Marine Ecology Progress Series* 369, 63-76. (Amphipods in Table 3, p. 69. {NB. The amphipods are here listed sub Crustacea, while the isopods are called Amphipoda.}. Grazers here seem to be top-down controlled)
- JOHNSON, D. S., J. W. FLEEGER & L. A. DEEGAN 2009. Large-scale manipulations reveal that top-down and bottom-up controls interact to alter habitat utilization by saltmarsh

- fauna. ---- *Marine Ecology Progress Series* 377, 33-41. (*Uhlorchestia spartinophila* dominant)
- JOSTEN, N., K. C. DETLOFF & C. D. ZANDER 2009. Analysis of a parasite supra community from the Flensburg fjord. ---- *Parasitological Research* 104, 449-461. (i.a. *Gammarus* species)
- JUST, J. 2009. Ischyroceridae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 463-486. (Deals with *Coxischyrocerus* n. gen., with type sp. *C. rhombocoxus* n. sp. (Lizard island, GBR) and further species *Ischyrocerus inexpectatus*, *Tropischyrocerus* n. gen., with type sp. *T. pugilus* n. sp. (Lizard island) and further species *Jassa socia*, *Ambicholestes magellani*, *Cerapus nudus* n. sp. (Lizard island), *C. volucola*, *Erichthonius parabrasiliensis* n. sp. (Lizard island), *E. pugnax*, *E. tropicalis* n. sp. (Lizard island) and *E. sp.*)
- JUST, J. 2009. Pleustidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 836-840. (Deals with *Tepidopleustes acromatius* n. sp. from the Lizard island area, GBR.)
- KAIM-MALKA, R. A. 2010. *Haploops longiseta*, a new species from the Atlantic Ocean (Crustacea, Gammaridea, Ampeliscidae) [Contribution to the knowledge of the *Haploops* genus. 6.] ---- *Zootaxa* 2356, 57-68. (Bay of Biscay, 1460m, in baited trap! An illustrated key to all *Haploops* species is included.)
- KAINZ, M. J., O. E. JOHANSSON & M. T. ARTS 2010. Diet effects on lipid composition, somatic growth potential, and survival of the benthic amphipod *Diporeia* spp. . ---- *Journal of Great Lakes Research* 36, 351-356.
- KALINKINA, N. M. & N. A. BEREZINA 2010. First record of *Pontogammarus robustoides* Sars, 1894 (Crustacea: Amphipoda) in the Gulf of Riga (Baltic Sea). ---- *Aquatic Invasions* 5, Suppl. 1, S5-S7.
- KALDONSKI, N., M.-J. PERROT-MINNOT, R. DODET, G. MARTINAUD & F. CÉZILLY 2009. Carotenoid-based colour of acanthocephalan cystacanths plays no role in host manipulation. ---- *Proceedings of the Royal Society B* 276, 169-176.
- KANG, M., J. J. H. CIBOROWSKI & L. B. JOHNSON 2007. The influence of anthropogenic disturbance and environmental suitability on the distribution of the nonindigenous amphipod, *Echinogammarus ischnus*, at Laurentian Great Lakes coastal margins. ---- *Journal of Great Lakes Research* 33, 198-2007
- KARAMAN, G. S. 2007. The amphipods (Crustacea, Amphipoda) from the special nature reserve Zasaviza, Serbia (Contribution to the knowledge of the Amphipoda (sic!) 247). ---- *Naucno-Strucni Skup "Zasavica 2007"*, 77-83.
- KARAMAN, G. S. 2002. (New data on Amphipoda fauna from eastern Serbia and other parts of Balkan peninsula (Contribution to the knowledge of the Amphipoda 242).) ---- *Ekoloska Istina*, 21-24. (In Serbian)
- KARAMAN, G. S., B. BOROWSKY & S. DATTA GUPTA 2010. Two new species of the genus *Niphargus* Schiödte, 1849 (Amphipoda, fam. Niphargidae) from the Frasassi cave system in Central Italy. ---- *Zootaxa* 2439, 35-52. (*N. montanarius* n.sp. and *N. frasassianus* n. sp.).
- KARATAYEV, A. Y., L. E. BURLAKOVA, D. K. PADILLA, S. E. MASTITSKY & S. OLENIN 2009. Invaders are not a random selection of species. ---- *Biological Invasions* 11,

2009-2019. (Mollusks and crustaceans are overrepresented, insects underrepresented; and all invaders are able to withstand at least moderate amounts of organic pollution.)

KARATAYEV, A. Y., S. E. MASTITSKY, L. E. BURLAKOVA & S. OLENIN 2008. Past, current, and future of the central European corridor for aquatic invasions in Belarus. ---- *Biological Invasions* 10, 215-232. (Deals i.a. with the amphipods *Chaetogammarus ischnus*, *Chelicorophium curvispinum*, *Dikerogammarus haemobaphes*, *D. villosus* and *Pontogammarus robustoides*.)

KARPINSKY, M. G. 2010. Review: the Caspian Sea benthos: unique fauna and community formed under strong grazing pressure. ---- *Marine Pollution Bulletin* 61, 156-161.

KEDRA, M., M. WJODARSKA-KOWALCZUK & J. M. WESLAWSKI 2009. Decadal change in macrobenthic soft-bottom community structure in a high Arctic fjord (Kongsfjorden, Svalbard). ---- *Polar Biology* 33, 1-11. (No amphipods)

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KESTRUP, Å. & A. RICCIARDI 2009. Replacement in the St Lawrence river? ---- *Journal of Great Lakes Research* 35, 392-398. (*Echinogammarus ischnus* has replaced *Gammarus fasciatus*.)

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KESTRUP, Å. & A. RICCIARDI 2010. Influence of conductivity on life history traits of exotic and native amphipods in the St Lawrence River. ---- *Fundamental and Applied Limnology* 176, 249-262. (*Echinogammarus ischnus* and *Gammarus fasciatus*.)

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- KILGALLEN, N. M. 2009. Urohaustoriidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 919-926. (Deals with *Tottungus solivagus* n. sp. (Orpheus island, GBR) and *Urohaustorius drummondiae* n. sp. (Lizard island).)
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- KILGALLEN, N. M. 2010. A new Antarctic species of *Aristias* Boeck (Crustacea, Amphipoda, Aristiidae), with remarks on the genus in Antarctica. ---- *Zootaxa* 2426, 43-53. (*A. excavatus* n. sp. from the Ross Sea, found in the sponge *Myxodoryx hamitschi*. With a review of Antarctic *Aristias* species; probably several species have been confused sub nomine *A. antarcticus*.)
- KIM, Y.-H., E. A. HENDRYCKS & K.-S. LEE 2010. A new species and new record of the Amphilochidae (Crustacea: Amphipoda) from Korea. ---- *Zootaxa* 2477, 21-36. (Deals with *Hourstonius geojeensis* n. sp. (Geoje Island, S.coast Korea), with a key to N.Pacific *Hourstonius* species, and *Paramphilochus parachelatus*.)
- KIM, Y.-H. & K.-S. LEE 2009. Four species of the genus *Atylus* from Korea (Crustacea: Amphipoda: Dexaminidae). ---- *Korean Journal of Systematic Zoology* 25, 145-158. (Deals with *Atylus collingi*, *A. ekmani*, *A. mutsukawaensis* and *A. (Kamehatylus) japonicus*, the latter transferred from the typical subgenus.)
- KING, R. A. 2009. Ampeliscidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 132-142. (Deals with *Ampelisca dimboola*, *A. dingaal* n. sp. (Lizard island, GBR) and *A. jiiurru* n. sp. (Lizard island).)
- KING, R. A. 2009. Redescription of the freshwater amphipod *Austrochiltonia australis* (Sayce) (Crustacea: Amphipoda, Chiltoniidae). ---- *Memoirs of Museum Victoria* 66, 85-93.
- KING, R. A. 2009. Two new genera and species of chiltoniid amphipods (Crustacea: Amphipoda: Palitroidea) from freshwater mound springs in South Australia. ---- *Zootaxa* 2293, 35-52. (Deals with *Arabunnachiltonia murphyi* n. gen., n. sp. and *Wangiannachiltonia guzikae* n. gen., n. sp., both from springs in the Great Artesian basin in S. Australia.)
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- KIZIEWICZ, B. & T. F. NALEPA 2008. Some fungi and water molds in waters of Lake Michigan, with emphasis on those associated with the benthic amphipod *Diporeia* spp. ---- *Journal of Great Lakes Research* 34, 774-780.

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- KLEY, A., W. KINZLER, Y. SCHANK, G. MAYER, D. WALOSZEK & G. MAIER 2009. Influence of substrate preference and complexity on co-existence of two non-native gammarideans (Crustacea: Amphipoda). ---- *Aquatic Ecology* 43, 1047-1059. (*Dikerogammarus villosus* and *Gammarus roeselii*).
- KLEY, A. & G. MAIER 2006. Reproductive characteristics of invasive gammarids in the Rhine-Main-Danube catchment, South Germany. ---- *Limnologica* 36, 79-90.
- KLIMPEL, S., M. W. BUSCH, T. SUTTON & H. W. PALM 2010. Meso- and bathy-pelagic fish parasites at the Mid-Atlantic Ridge (MAR): Low host specificity and restricted parasite diversity. ---- *Deep-Sea Research I* 57, 596-603.
- KOBAK, J., T. KAKAREKO, M. POZNANSKA & J. ZBIKOWSKI 2009. Preferences of the Ponto-Caspian amphipod *Dikerogammarus haemobaphes* for living zebra mussels. ---- *Journal of Zoology* 279, 229-235. (No amphipods)
- KOBAK, J. & J. ZYTKOWICZ 2007. Preferences of invasive Ponto-Caspian and native European gammarids for zebra mussel (*Dreissena polymorpha*, Bivalvia) shell habitat. ---- *Hydrobiologia* 589, 43-54. (*Dikerogammarus haemobaphes* shows a strong attraction to zebra mussels, while *Pontogammarus robustoides* does not. *Gammarus fossarum* is somewhat attracted to dead mussel shells.)
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- KONOPACKA, A., M. GRABOWSKI, K. BACELA-SPYCHALSKA & T. REWICZ 2009. *Orchestia cavimana* Heller, 1865 (Amphipoda: Talitridae) enters freshwater inland habitats in the Vistula River, Poland. ---- *Aquatic Invasions* 4, 689-691.
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- KORPINEN, S. & M. WESTERBOM 2010. Microhabitat segregation of the amphipod genus *Gammarus* (Crustacea: Amphipoda) in the Northern Baltic Sea. ---- *Marine Biology, Berlin* 157, 361-370..
- KOTTA, J., H. ORAV-KOTTA & K. HERKÜL 2010. Separate and combined effects of habitat-specific fish predation on the survival of invasive and native gammarids. ---- *Journal of Sea Research* 64, 369-372. (A comparison of predation by *Gasterosteus aculeatus* on *Gammarus tigrinus* and *G. salinus*.)
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- KRAPP, R. H., J. BERGE, H. FLORES, B. GULLIKSEN & I. WERNER 2008. Sympagic occurrence of Eusirid and Lysianassoid amphipods under Antarctic pack ice. ---- *Deep-Sea Research II* 55, 1015-1023. (Important new data on ice-amphipods in ice over deep water)
- KRAPP-SCHICKEL, T. 2009. On the Austral-Antarctic stenothoids *Proboloides*, *Metopoides*, *Torometopa* and *Scaphodactylus* (Crustacea, Amphipoda). Part 1: genus *Metopoides*. ---- *Zoosystematics and Evolution* 85, 93-115. (This important revision starts out with a cladistic analysis of the whole group, then gives a key to all *Metopoides* species, and taxonomic remarks on *M. bellansantinae* (transferred from *Proboloides*), *M. clavatus*, *M. ellipticus* (illustrated here), *M. curvipes*, *M. heterostylis* (illustrated), *M. cf heterostylis* (also illustrated), *M. lanceolatus* (ill.), *M. magellanicus* (ill.), *M. pollex* n. sp. (Bass Strait, Victoria), and *M. sarsii*.)
- KRAPP-SCHICKEL, T. 2009. Maeridae, the *Ceradocus* group. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 598-642. (Deals with *Austromaera brevicaudata*, *Ceradocus crenatipalmata*, *C. hawaiiensis*, *C. oxyodus*, *C. cf rubromaculatus*, *C. woorree*, *C. yandala*, *Glossomaera* n. gen., with type species *Maera octodens* and further sp. *Maera lindae*, *G. octodens*, *Jerbarnia stocki*, *Linguimaera pirloti*, *Maeropsis cobia* n. sp. (Lizard island, GBR), *M. griffini*, *Quadrimaera pacifica* (with *Maera katulani* as junior synonym), *Q. quadrimana*, *Q. cf reishi*, *Q. serrata*, *Saurodocus hobbit* and *S. minimarena*.)
- KRAPP-SCHICKEL, T. 2009. Stenothoidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 872-879. (Deals with *Stenothoe miersii* and *Wallametopa cabon*, both from Lizard island)
- KRAPP-SCHICKEL, T. 2009. New and poorly described stenothoids (Crustacea, Amphipoda) from the Pacific Ocean. ---- *Memoirs of Museum Victoria* 66, 95-116. (Deals with *Stenothoe garpoorea* n. sp. (Kei Islands, Indonesia), *S. verrucosa* n. sp. (Kei Islands, Indonesia), *S. cf miersii*, *Metopa eupraxiae* n. sp. (= *Stenothoides carinatus* Gurjanova, non *M. carinata* Hansen; Tsugaru Strait, Japan), *M. exigua* n. sp. (off Korea), *M. torbeni* n. sp. (Gulf of Thailand), *M. koreana*, *M. cf bulychevae*, and *M. cf clypeata*.)
- KRAPP-SCHICKEL, T. & W. VADER 2009. A new *Parametopella* species (Crustacea: Amphipoda: Stenothoidae) from *Antholoba achates* (Anthozoa: Actiniaria) from Coquimbo, Chile (with remarks on *Parametopa alaskensis* (Holmes)). ---- *Journal of the Marine Biological Association UK* 89, 1281-1287. ( *Parametopella antholobae* n.sp. from Bahia Tongoy, S. of Coquimbo, Chile. A key to *Parametopella* is provided, as is a survey of other amphipod-sea anemone associations. The taxon *Parametopa alaskensis* remains in *Parametopa*.)
- KRAPP-SCHICKEL, T. & W. VADER 2009. On some Maerid genera (Crustacea, Amphipoda, Maeridae) collected by the Hourglass Cruises (Florida). Part I: Genera *Anamaera*, *Ceradocus*, *Clessidra* gen. nov. , *Jerbarnia*, *Maera*, *Meximaera*, with a key to world *Ceradocus*. ---- *Journal of Natural History* 43, 2057-2086. (Deals with *Anamaera hixonii*, *Ceradocus sheardi*, *C. shoemakeri*, *C. cf shoemakeri*, *Clessidra* n. gen. (Maeridae), with its type *C. tinkerenensis*, transferred from *Maera*, *Jerbarnia americana*, *Maera lucinae*, and *Meximaera diffidentia*, with *Maera caroliniana* as a junior synonym. A key to world *Ceradocus* (adult males) is provided.)



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- KREBES, L., M. BLANK, K. JÜRSS, M. L. ZETTLER & R. BASTROP 2010. Glacial-driven vicariance in the amphipod *Gammarus duebeni*. ---- *Molecular Phylogenetics and Evolution* 54, 372-385.
- LABAY, V. S. 2009. Response of macrozoobenthos of lagoon Lake Izmenchivoye (Sakhalin Island) to the discontinuance of water exchange with the sea. ---- *Russian Journal of Marine Biology* 35, 279-287.
- LABAY, V. S. 2010. A new species and subspecies of Ochlesidae Stebbing, 1910 (Amphipoda: Gammaridea) from the Okhotsk Sea. ---- *Zootaxa* 2354, 35-44. (Deals with *Antarctodius noncarinatus* n. sp. (Okhotsk Sea, 54°82'N, 144°43'E) and *Odius cassigerus ochoticus* n. subsp. (same locality). Keys to *Odius* and *Antarctodius* are provided.)
- LACAZE, E., O. GEFFARD, S. BONY & A. DEVAUX 2010. Genotoxicity assessment in the amphipod *Gammarus fossarum* by use of the alkaline Comet assay. ---- *Mutation Research/Genetic Toxicology and Environmental Mutagenesis* 700, 32-38.
- LADEWIG, V., D. JUNGSMANN, P. PETZSCH, M. PITSCH, I. STÄGLICH & R. NAGEL 2007. Does intersexuality affect precopula and fecundity in *Gammarus fossarum*? ---- *Archiv für Hydrobiologie* 168, 201-210. (Not really)
- LAGRUE, C. & R. POULIN 2008. Intra- and interspecific competition among helminth parasites: Effects on *Coitocaecum parvum* life history strategy, size and fecundity. ---- *International Journal for Parasitology* 38, 1435-1444. (The host is *Paracalliope fluviatilis*.)
- LAGRUE, C., R. POULIN & D. B. KEENEY 2009. Effects of clonality in multiple infections on the life-history strategy of the trematode *Coitocaecum parvum* in its amphipod intermediate host. ---- *Evolution* 63, 1417-1426. (The amphipod host is *Paracalliope fluviatilis*.)
- LANGE, H. J. de, E. T. H. M. PEETERS & M. LÜRLING 2009. Changes in ventilation and locomotion of *Gammarus pulex* (Crustacea, Amphipoda) in response to low concentrations of pharmaceuticals. ---- *Human and Ecological Risk Assessment* 15, 111-120.
- LASKOWSKI, Z., W. JEZEWSKI & K. ZDZITOWIECKI 2010. New data on the occurrence of Acanthocephala in Antarctic Amphipoda. ---- *Acta Parasitologica* 55, 161-166. (*Corynosoma pseudohamami* and *Metacanthocephalus johnstoni* were found in *Cheirimedon femoratus*.)
- LASTRA, M., T. A. SCHLACHER & C. OTABARRIA 2010. Niche segregation in sandy beach animals: an analysis with surface-active peracarid crustaceans on the Atlantic coast of Spain. ---- *Marine Biology, Berlin* 157, 613-625. (Not seen, unfortunately)
- LAVESQUE, N., H. BLANCHET & X. de MONTAUDOUIN 2009. Development of a multimetric approach to assess perturbation of benthic macrofauna in *Zostera noltii* beds. ---- *Journal of Experimental Marine Biology and Ecology* 368, 101-112. (A study from SW France)
- LeCROY, S. E. 2009. Colomastigidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 348-372. (Deals with *Colomastix dentipalma* n. sp. (Lizard island, GBR), *C. japonica*, *C. lunalilo*, *C. plumosa*, *C. processa* n. sp. (Lizard island), and *C. thomasi* n. sp. (Lizard island).)

- LeCROY, S. E., R. GASCA, I. WINFIELD, M. ORTIZ & E. ESCOBAR-BRIONES 2009. *Amphipoda (Crustacea) of the Gulf of Mexico*. ----Pp 941-971 in: D. L. Felder & D. K. Camp (eds). *Gulf of Mexico Origin, waters, and biota*. Volume 1, Biodiversity. Texas A & M University Press, College Station, 1384 pp. (Unfortunately, I have only heard about this book, not seen it.)
- LEDGER, M. E., R. M. L. HARRIS, P. D. ARMITAGE & A. M. MILNER 2009. Realism of model ecosystems. An evaluation of physicochemistry and macroinvertebrate assemblages in artificial streams. ---- *Hydrobiologia* 617, 91-99.
- LEDUC, D. & P. K. PROBERT 2009. The effect of bacterivorous nematodes on detritus incorporation by macrofaunal detritivores: a study using stable isotope and fatty acid analysis. ---- *Journal of Experimental Marine Biology and Ecology*, on line (The amphipod used was *Paramoera chevreuxi*)
- LEE, K.-S. S.-S. HONG 2010. A new species of the genus *Perotripus* (Crustacea: Amphipoda: Caprellidae) from Korea. ---- *Animal Cells and Systems* 14, 53-58. (*Perotripus koreanus* n. sp. from Dumaraemi Island.)
- LEGEZYNSKA, J. 2008. Food resource partitioning among Arctic sublittoral amphipods in summer. ---- *Polar Biology* 31, 663-670.
- LEFÈVRE, T., S. A. ADAMO, D. G. BIRON, D. MISSÉ, D. HUGHES & F. THOMAS 2009. Invasion of the body snatchers: The diversity and evolution of manipulative strategies in host-parasite interactions. ---- *Advances in Parasitology* 68, 45-83. (Not seen, unfortunately)
- LEFÈVRE, T., C. LEVARBENCHON, M. GAUTHIER-CLERC, D. MISSÉ, R. POULIN & F. THOMAS 2008. The ecological significance of manipulative parasites. ---- *Trends in Ecology and Evolution* 24, 41-48. (A review)
- LEMAITRE, J.-F., T. RIGAUD, S. CORNET & L. BOLLACHE 2009. Sperm depletion, male mating behaviour and reproductive 'time-out' in *Gammarus pulex* (Crustacea, Amphipoda). ---- *Animal Behaviour* 77, 49-54
- LEUVEN, R. S. E. W., G. van der VELDE, I. BACIJAS, J. SNIJDERS, C. van der ZWART, H. J. R. LENDERS & A. bij de VAATE 2009. The river Rhine: a global highway for dispersal of aquatic invasive species. ---- *Biological Invasions* 11, 1989-2008. (Amphipods listed on pp 1997-1998.)
- LEVIN, L. A., C. R. WHITCRAFT, G. F. MENDOZA, J. P. GONZALEZ & G. COWIE 2009. Oxygen and organic matter thresholds for benthic faunal activity on the Pakistan margin oxygen minimum zone (700-1100m). ---- *Deep-Sea Research II* 56, 449-471. (i.a. ampeliscid amphipods)
- LIGHTHART, M. 2010. (An increase of the Dutch Caprellidae: *Caprella acanthifera* (Leach, 1814): now autochthonously on our coast (Crustacea, Amphipoda, Caprellidae). ---- *Het Zeepaard* 70, 82-89. (In Dutch. Found on Neeltje Jans, an artificial island in the Oosterschelde, SW Netherlands.)
- LIM, J. H. C., B. A. R. AZMAN & B. H. R. OTHMAN 2010. Melitoid amphipods of the genera *Ceradocus* Costa, 1853 and *Victoriopisa* Karaman and Barnard, 1979 (Crustacea: Amphipoda: Maeridae) from the South China Sea, Malaysia. ---- *Zootaxa* 2348, 23-39. (*Ceradocus mizani* n. sp. (Rarangganu, Malaysia)) and *Victoriopisa tinggiensis* n.sp. (P. Tinggi, Johor, Malaysia); both genera are new to Malaysian waters. A key to *Victoriopisa* spp is provided)

- LIUZZI, M. G. & J. LOPEZ GAPPA 2008. Macrofaunal assemblages associated with coralline turf. Species turnover and changes in structure at different spatial scales. ---- *Marine Ecology Progress Series* 363, 147-156. (An Argentine study.)
- LOPEZ, S., Y. DIAZ, K. NORRIS & A. CABRERA 2010. (Lipids in the amphipod *Talorchestia margaritae* (Amphipoda: Talitridae) and its relationship with the ecology of the species.) ---- *Revista Biología Tropical* 58, 841-855. (In Spanish, not seen)
- LOR, A. F. & J. L. OLIVER 2009. Isozyme differentiation among sibling species and among populations of the *Echinogammarus berilloni*-group (Crustacea, Amphipoda). ---- *Journal of Zoological Systematics and Evolutionary Research* 27, 282-296. (Not seen, unfortunately)
- LÖRZ, A.-N. 2010. Deep-sea *Rhachotropis* (Crustacea: Amphipoda: Eusiridae) from New Zealand and the Ross Sea with a key to the Pacific, Indian ocean and Antarctic species. ---- *Zootaxa* 2482, 22-48. (Deals with *Rh. chathamensis* n. sp. (Chatham Rise, NZ), *Rh. delicata* n. sp. (Chatham Rise, NZ), *Rh. rossi* NZ (Scott Isl. Ross Sea, 3210m), *Rh. abyssalis* n. sp. (Admiralty Seamount, Ross Sea, 3380m), and *Rh. antarctica*.)
- LÖRZ, A.-N. 2009. Synopsis of Amphipoda from two recent Ross Sea voyages with description of a new species of *Epimeria* (Epimeriidae, Amphipoda, Crustacea). ---- *Zootaxa* 2167, 59-68. (*Epimeria larsi* n.sp. from 71°51'S, 71°53'E, 1990m)
- LÖRZ, A. N., N. M. KILGALLEN & M. THIEL 2010. Algal-dwelling Eophliantidae (Amphipoda): description of a new species and key to the world species, with notes on their biogeography. ---- *Journal of the Marine Biological Association UK* 90, 1055-1063. (A very nice survey of this family.. The new species is *Bircenna macayai* n. sp. (Wellington peninsula, New Zealand); this species lives in the brown alga *Carpophyllum maschalocarpum*. *Bircenna dronga* is transferred to *Wandelia*. The genus *Lignophliantis* may have to be removed to its own family.)
- LÖRZ, A.-N., E. W. MAAS, K. LINZE & C. O. COLEMAN 2009. Do circum-Antarctic species exist in peracarid Amphipoda? A case study in the genus *Epimeria* Costa, 1851 (Crustacea, Peracarida, Epimeriidae). ---- *ZooKeys* 18, 91-128. (The genus *Epimeriella* is synonymized with *Epimeria*. *E. robusta* is redescribed on the basis of Ross Sea material, and its Weddell Sea close relative is described as a new species, *E. robustoides* Lörz & Coleman, in Lörz et al. 2009. Also the taxon *E. georgiana* auct. apparently is a species complex. There are as yet no *Epimeria* species with a circum-antarctic distribution.)
- LOSETO, L. L., G. A. STERN, T. L. CONNELLY, D. DEIBEL, B. GEMMILL, A. PROKOPOWICZ, L. FORTIER & S. H. FERGUSON 2009. Summer diet of beluga whales inferred by fatty acids analysis of the eastern Beaufort Sea food web. ---- *Journal of Experimental Marine Biology and Ecology* 374, 12-18. (Mostly fish-eating)
- LOURIDO, A., J. MOREIRA & J. S. TRONCOSO 2008. Assemblages of peracarid crustaceans in subtidal sediments from the Ria de Aldan (Galicia, NW Spain). ---- *Helgoland Marine Research* 62, 289-301. (Amph. listed on pp 294-295.)
- LOWRY, J. 2007. *The Amphipoda of New Caledonia*. ---- Pp 281-287 in C. E. Payri & B. Richer de Forbes (eds). Compendium of marine species from New Caledonia. IRD, Documents Scientifiques et Techniques 117., Nouméa, N. Caledonia. (A preliminary listing of 199 species.)
- LOWRY, J. K. & L. E. HUGHES 2009. Iciliidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 453-457. (Deals with *Icilius caledoniana* from Lizard Island.)

LOWRY, J. K. & L. E. HUGHES 2009. Maeridae, the *Elasmopus* group. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 643-702. (Deals with *Elasmopus alalo*, *E. crenulatus*, *E. hooheno*, *E. pecteniscrus*, *E. slatyeri* n. sp. (Lizard island, earlier Australian records of this taxon were published as *E. pocillimanus*), *E. spinicarpus*, *E. varanocephalus* n. sp. (Lizard island), *Mallacoota balara*, *M. capricornia* n. sp. (Lizard island), *M. chandaniae*, *M. nananui*, *M. schellenbergi*, *M. scopulosa* n. sp. (One Tree island, GBR), *Pareiasmopus cymatilis* n. sp. (Lizard island), and *P. suensis* (here selected as the type species of the genus).)

LOWRY, J. K. & A. A. MYERS 2009. Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier Reef. ---- *Zootaxa* 2260, 1- 930. (This book, the result of a workshop in 2005, brings the knowledge of the amphipod fauna of this region a quantum-leap forward. The chapters have been included in this AN singly, under the name of the chapter authors.)

LOWRY, J. K. & A.A. MYERS 2009. Foreword. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 17-108. (This foreword also contains a short survey of the different habitats, colour pictures of selected amphipods , a checklist of the Amphipoda of Tropical Australia (pp. 39-44) and a station list.)

LOWRY, J. K. & R. PEART 2010. The genus *Microrchestia* (Amphipoda: Talitridae) in eastern Australia. ---- *Zootaxa* 2349, 21-38. (The genus *Microrchestia* is discussed and redefined, with *M. bousfieldi* n. sp. (South West Rocks, NSW) and *M. watsonae* n. sp (Lizard Island, Qld) as additional species. A new genus, *Cochinorchestia*, is erected for *Parorchestia notabilis* from SE India)

LOWRY, J. K. & R. T. SPRINGTHORPE 2009. Melitidae, the *Melita* group. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 718-735. (Deals with *Dulichella pacifica*, *Melita myersi*, *M. sampsonae* n. sp. (Lizard island, GBR), and *Tegano atkinsae* n. sp. (Lizard island). The genera *Quadrus*, *Sriha* and *Caledopisa* are synonymized with *Tegano*.)

LOWRY, J. K. & R. SPRINGTHORPE 2009. *Talorchestia brucei* sp. nov. (Amphipoda, Talitridae), the first talitrid from the Northern Territory, Australia. ---- *Crustaceana* 82, 897-912. (The paper also contains a survey of Australian coastal talitrids. *T. brucei* was collected from Casuarina Beach, Darwin)

LOWRY, J. K. & R. T. SPRINGTHORPE 2009. The genus *Floresorchestia* (Amphipoda: Talitridae) on Cocos (Keeling) and Christmas islands. ---- *Memoirs of Museum Victoria* 66, 117-127. (With data on the micromorphology of this genus and the description of *F. poorei* n. sp. (Cocos Island). On Christmas Island no adult specimens of the genus were collected, only immatures.)

LOWRY, J. K. & H. E. STODDART 2009. Amaryllididae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 128-131. (Deals with *Bamarooka tropicalis* from Lizard island)

LOWRY, J. K. & H. E. STODDART 2009. Lysianassidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 561-597. (Deals with *Acidostoma fusca*, *Pseudambasia acuticaudata*, *Rizomizeui*, *Shoemakerella barnardi* n. sp. (Lizard island, first Pacific record of this genus), *Waldeckia enoei*, *Paralysianopsis padoz*, *Tryphosella bet* n. sp. (Bet Reef, Torres Strait), *T. cameloides* n. sp. (Lizard island), *T. charlotteae* n. sp. (One Tree island, GBR), *T. flynnana* n. sp. (Flynn Reef, GBR) and *T. seasana* n. sp. (Fitzroy Reef, GBR).)

LOWRY, J. K. & H. E. STODDART 2009. Uristidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 908-918. (Deals with *Ichnopus capricornis*, *I. tenuicornis* and *Nagada uwedoae*, all from Lizard island, GBR.)

LOWRY, J. K. & H. E. STODDART 2009. Wandinidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 927-930. (Deals with *Wandin griffini* from Lizard island, GBR)

LOWRY, J. K. & H. E. STODDART 2009. The deep-sea scavenging genus *Hirondellea* (Crustacea: Amphipoda: Lysianassoidea: Hirondelleidae fam. nov.) in Australian waters. ---- *Zootaxa* 2329, 37-55. (Deals with the newly erected family Hirondelleidae, consisting only of the genus *Hirondellea* (a key to all species is provided, and the spp *H. diamantina* n. sp. (S. of Pt Hicks, Victoria, 1840m), *H. endeavour* n. sp. (same type locality), *H. franklin* n. sp. (also same type locality, NB the figure captions give *H. franklini*), *H. kapala* n. sp. (SE of Broken Bay, NSW) and *H. naturaliste* (E. of Cape Naturaliste, Tasmania, 2400-2500m). The species *Anonyx wolfendeni* Tattersall is transferred to *Hirondellea*.)

LOWRY, J. K. & H. E. STODDART 2010. Sophrosynidae, a new family in the Lysianassoidea (Crustacea: Amphipoda) with a revision of the genus *Sophrosyne*. ---- *Zootaxa* 2370, 1-35. (Deals with the monotypic new family Sophrosynidae, and the species *Sophrosyne abyssi* n. sp. (E. of Cape Naturaliste, Tasmania, 2400m), *S. antarctica*, *S. californica* n. sp. (Tanner Basin, S. California, 1300m), *S. cantractia* n. sp. (MacRobertson Shelf, Antarctic), *S. hispana*, *S. integricauda* n. sp. (off King Island, Bass Strait, Australia), *S. inverarae* n. sp. (Loch Fyne, Scotland), *S. ledoyeri* n. sp. (Ile des Embiez, NW Mediterranean Sea), *S. moorei* n. sp. (Lynne of Lorne, Scotland), *S. murrayi*, *S. peartae* n. sp. (Point Hicks, Victoria, Australia), *S. robertsoni*, *S. rodondo* n. sp. (Rodondo Island, Bass Strait, Australia), and *S. ruffoi* n. sp. (Gulf of Naples, Mediterranean). A key to world *Sophrosyne* is provided.)

LOWRY, J. K. & H. E. STODDART 2010. Kergueleniidae fam. nov. (Crustacea: Amphipoda: Lysianassoidea) in Australian waters. ---- *Zootaxa* 2564, 1-30. (Deals with the following Australian representatives of the newly erected family Kergueleniidae (with the genera *Clepidocrella* and *Kerguelenia*): *Clepidocrella abeona* n. sp. (off Cape Naturaliste, Tasmania, 2400m), *C. cataraqui* n. sp. (same type locality), *C. colliboi* n. sp. (off Freycinet Peninsula, W.Austr.), *C. ira* n. sp. (S. of P. Hicks, Vict., 1000m), *Kerguelenia euroka* n. sp. (Long Reef Point, NSW), *K. kanowna* n. sp. (S of P. Hicks, Vict.), *K. kawatiri* n. sp. (off Cape naturaliste, Tasm., 2400m), *K. leura* n. sp. (off Freycinet Peninsula, Tasm.), and *K. matilda* n. sp. (off Cape Naturaliste, Tasm., 2400m). The taxa *Kerguelenia borealis japonica* and *K. b. ochotica*, both Gurjanova, 1962, are raised to specific rank. Keys to all species are provided.)

LOWRY, J. K. & H. E. STODDART 2010. The family Izinkalidae fam. nov. (Crustacea: Amphipoda: Lysianassoidea) in Australian waters. ---- *Zootaxa* 2532, 64-68. (The new species *Izinkala griffithsi* n. sp. from off Newcastle, NSW, Australia, is the second species in the new family Izinkalidae.)

LUNDSTEN, L., J. P. BARRY, G. M. CAILLIET, D. A. CLAGUE, A. P. DeVOGELAERE & J. B. GELLER 2009. Benthic invertebrate communities on three seamounts off southern and central California, USA. ---- *Marine Ecology Progress Series* 374, 23-32.

LUNDSTEN, L., C. K. PAULL, K. L. SCHLINING, M. McGANN & W. USSLER 2010. Biological characterization of a whale-fall near Vancouver Island, British Columbia, Canada. ---- *Deep-Sea Research I* 57, 918-922. (At 1266m depth. Amphipods not identified)

- MAAS, A., C. HAUG, J. T. HAUG, J. OLESEN, X. ZHANG & D. WALOSZEK 2009. Early crustacean evolution and the appearance of epipodites and gills. ---- *Arthropod Systematics and Phylogeny* 67, 255-273.
- MAAZOUZI, C., G. MASSON, M. S. IZQUIERDO & J.-C. PIHAN 2007. Fatty acid composition of the amphipod *Dikerogammarus villosus*: feeding strategies and trophic links. - --- *Comparative Biochemistry and Physiology A* 147, 868-875.
- MACDONALD, K. S., L. YAMPOLSKY & F. E. DUFFY 2005. Molecular and morphological evolution of the amphipod radiation of Lake Baikal. ---- *Molecular Phylogenetics and Evolution* 35, 323-343. (Earlier overlooked..)
- MACKEN, A., M. GILTRAP, B. FOLEY, E. McGOVERN, B. McHUGH & M. DAVOREN 2009. An integrated approach to the toxicity assessment of Irish marine sediments. Application of porewater Toxicity Identification Evaluation (TIE) to Irish marine sediments. - --- *Environment International* 35, 98-106 (i.a. *Corophium volutator*)
- MADIN, J., V. C. CHONG & B. BASRI 2009. Development and short-term dynamics of macrofouling assemblages on fish-cage nettings in a tropical estuary. ---- *Estuarine, Coastal and Shelf Science* 83, 19-29. (A Malaysian study. Amphipods, listed on p. 24, were absolutely dominant among the motile fouling fauna)
- MALARD, F., C. BOUTIN, A. I. CAMACHO, D. FERREIRA, G. MICHEL, B. SKET & F. STOCH 2009. Diversity patterns of stygobiotic crustaceans across multiple spatial scales in Europe. ---- *Freshwater Biology* 54, 756-776.
- MARION, A., M. HARVEY, D. CHABOT & J.-C. BRETHERS 2008. Feeding ecology and predation impact of the recently established amphipod, *Themisto libellula*, in the St. Lawrence marine system, Canada. ---- *Marine Ecology Progress Series* 373, 53-70. (*Themisto libellula* feeds mainly on copepods and may exert a significant control on meso- and macro-zooplankton communities in the area.)
- MARSDEN, J. E. & M. HAUSER 2009. Exotic species in Lake Champlain. ---- *Journal of Great Lakes Research* 35, 250-265. (Not seen. Amphipods??)
- MARTIN, P., C. DE BROYER, F. FIERS, G. MICHEL, R. SABLON & K. WOUTERS 2009. Biodiversity of Belgian groundwater fauna in relation to environmental conditions. ---- *Freshwater Biology* 54, 814-829. (Thirteen amphipod spp listed on p. 821)
- MARTINEZ, J. & I. ADARRAGA 2008. First record of invasive caprellid *Caprella scaura* Templeton, 1836 sensu lato (Crustacea: Amphipoda: Caprellidae) from the Iberian Peninsula. ---- *Aquatic Invasions* 3, 165-171. (In Roses bay, Girona)
- MARTINS, I., A. T. FORD & T. F. FERNANDES 2009. Intersexuality incidence, sex ratio fluctuations and intersex reproductive output as factors affecting the temporal variation of intersexed populations of the marine amphipod *Echinogammarus marinus*. ---- *Marine Environmental Research* 68, 163-169
- MASTITSKY, S. E. & O. A. MAKAREVICH 2007. Distribution and abundance of Ponto-Caspian amphipods in the Belarussian section of the Dnieper River. ---- *Aquatic Invasions* 2, 39-44. (Concerns *Chaetogammarus ischnus*, *Chelicorophium curvispinum*, *Dikerogammarus haemobaphes*, *D. villosus*, and *Pontogammarus robustoides*.)
- MASTROTOTARO, F., C. D'ONGHIA, G. CORRIERO, A. MATARRESE, P. MAIORANO, P. PANETTA, M. GHERARDI, C. LONGO, A. ROSSO, F. SCIUTO, R. SANFILIPPO, C. GRAVILI, F. BOERO, M. TAVIANI & A. TURSI 2010. Biodiversity of

- the white coral bank off Cape Santa Maria di Leuca (Mediterranean Sea). An update. ---- *Deep-Sea Research II* 57, 412-430. (Amphipoda apparently not identified)
- MATAVELLI, C., M. UEHARA-PRADO, F. P. P. LEITE & A. V. L. FREITAS 2009. Some aspects of the population ecology of the exotic amphipod, *Talitroides topitotum*, in an Atlantic forest reserve in Brazil. ---- *Crustaceana* 82, 241-251.
- MAYER, G., G. MAIER, A. MAAS & D. WALOSZEK 2009. Mouthpart morphology of *Gammarus roeseli* compared to a successful invader, *Dikerogammarus villosus* (Amphipoda). ---- *Journal of Crustacean Biology* 29, 161-174.
- McCLINTOCK, J. B., M. G. AMSLER, G. KOPLOVITZ, C. D. AMSLER & B. J. BAKER 2009. Observations on an association between the dexamimid amphipod *Polycheria antarctica* f. *acanthopoda* and its ascidian host *Distaplia cylindrica*. ---- *Journal of Crustacean Biology* 29, 605-608.
- McCURDY, D. G., D. C. PAINTER, M. T. KOPEC, D. LANCASTER, K. A. COOK & M. R. FORBES 2008. Reproductive behaviour of intersexes of an intertidal amphipod *Corophium volutator*. ---- *Invertebrate Biology* 127, 417-425.
- McDONALD, P. S. & B. L. BINGHAM 2010. Comparing macroalgal food and habitat choice in sympatric, tube-building amphipods, *Ampithoe lacertosa* and *Peramphithoe humeralis*. ---- *Marine Biology* 157, 1513-1524.
- MÉDOC, V. & J.-N. BEISEL 2009. Field evidence for non-host predator avoidance in a manipulated amphipod. ---- *Naturwissenschaften* 96, 513-523. (*Polymorphus minutus* in *Gammarus roeseli*)
- MÉDOC, V., T. RIGAUD, L. BOLLACHE & J.-N. BEISEL 2009. A manipulative parasite increasing an antipredator response decreases its vulnerability to a non-host predator. ---- *Animal Behaviour* 77, 1235-1241. (*Polymorphus minutus* in *Gammarus roeseli*)
- MEKHANIKOVA, I. V. 2009. (Morphology of *Gammarus dabanicus* Tachteew et Mekhanikova, 2000 (Crustacea, Amphipoda, Gammaridea) from mountain streams of the Khamar-Daban Ridge (Zabaikaikalye).) ---- *Zoologiya Bespozvonocnykh* 6, 21-31. (In Russian)
- MEKHANIKOVA, I. V. 2010. Morphology of mandible and lateral alia in six endemic amphipods (Amphipoda, Gammaridae) from Lake Baikal in relation to feeding. ---- *Crustaceana* 83, 865-887. (Deals with *Brandtia latissima lata*, *B. (Spinacanthus) parasitica*, *Acanthogammarus grewingkii*, *Eulimnogammarus (Eurybiogammarus) violaceus*, *Ommatogammarus albinus*, and *Pachischesis bazikalovae*. The paper is illustrated with beautiful SEM-pictures. A very nice paper.)
- MEKHANIKOVA, I. V. & V. V. TAKTHEEV 2008. (Cuticular nonsensory microstructures of amphipods from Lake Baikal (Crustacea: Amphipoda), their taxonomic and adaptive significance.) ---- *Zoologiya Bespozvonocnykh* 5, 17-37. (In Russian. Data on 59 species in 6 families. 'Cuticular microstructures are shown to be adaptive, and have limited value as taxonomic characters.')
- MELNIKOV, I. A. 2009. *Recent sea ice ecosystem in the Arctic Ocean; a review*. ---- In J. C. J. Nihoul & A. G. Kostianov (eds). Influence of climate change on the changing arctic and sub-arctic conditions. Springer Science. (Not seen, unfortunately)
- MENCHACA, i., M. J. BELZUNCE, J. FRANCO, J. M. GARMENDIA, N. MONTERO & M. REVILLA 2010. Sensitivity comparison of laboratory-cultured and field-collected

- amphipoid *Corophium multisetosum* in toxicity tests. ---- *Bulletin of Environmental Contamination and Toxicology* 84, 390-394.
- MENDEZ, M. M., E. SCHWINDT & A. BORTOLUS 2010. Relationships between macroinfaunal invertebrates and physicochemical factors in two sandy beaches of Patagonia. - --- *Journal of the Marine Biological Association UK* 90, 429-435. (Amphipods listed on p. 431)
- MENDONCA, V. M., D. G. RAFFAELLI, P. R. BOYLE & C. EMES 2009. Trophodynamics in a shallow lagoon off Northwestern Europe (Culbin Sands, Moray Firth): Spatial and temporal variability of epibenthic communities, their diets, and consumption efficiency. ---- *Zoological Studies* 48, 196-214.
- MESHER, C., A. FOGGO & J. I. SPICER 2009. Understanding physiological tolerance through thermal limits of three amphipod species. ---- *Comparative Biochemistry and Physiology A* 153, Suppl. 1, S 170.
- MESSICK, G. A. 2009. Haplosporidian parasite in *Diporeia* spp amphipods from the Great Lakes region, USA. ---- *Diseases of Aquatic Organisms* 83, 153-157
- MESSOULI, M., A. EL ALAMI EL FILALI, N. COINEAU & C. BOUTIN 2008. *Metacrangonyx antennatus*, a new species of the family Metacrangonyctidae (Crustacea, Amphipoda) from ground waters in south-western Morocco. ---- *Subterranean Biology* 6, 43-50. (A well on the beach near Tarfaya)
- MEZEK, T., T. SIMCIC, M. T. ARTS & A. BRANCELJ 2010. Effect of fasting on hypogean (*Niphargus stygius*) and epigeal (*Gammarus fossarum*) amphipods: a laboratory study. ---- *Aquatic Ecology* 44, 397-408. (Not seen.)
- MEZZETTI, M. C., S. GAMBINERI & F. SCAPINI 2010. The eyes of two talitrid amphipods: differences in structure may reflect different behaviours. ---- *Marine and Freshwater Behaviour and Physiology* 43, 127-133. (*Talorchestia spinifera* and *Talitrus saltator*.)
- MICHEL, L., G. LEPOINT, P. DAUBY & N. STURARO 2010. Sampling methods for amphipods of *Posidonia oceanica* meadows: a comparative study. ---- *Crustaceana* 83, 39-47.
- MILLS, V. S. & K. BERKENBUSCH 2009. Seagrass (*Zostera muelleri*) patch size and spatial location influence infaunal macroinvertebrate assemblages. ---- *Estuarine, Coastal and Shelf Science* 81, 123-129. (A New Zealand study)
- MINCHIN, D., S. GOLLASCH, A. N. COHEN, C. L. HEWITT & S. OLENIN 2009. *Characterizing vectors of marine invasion*. ---- Pp 109-116 in G. Rilov & J. A. Crooks (eds). *Biological invasions in marine ecosystems. Ecological, management, and geographic perspectives*. Springer, Berlin-Heidelberg. (Not seen)
- MOKSNES, P. O., M. GULLSTRÖM, K. TRYMAN & S. BADEN 2008. Trophic cascades in a temperate seagrass community. ---- *Oikos* 117, 763-777. (Not seen)
- MONTELLI, L. 2010. The recent geographical expansion of *Caprella californica* (Caprellidea: Caprellidae) around the coastline of Australia. ---- *Biological Invasions* 12, 725-728. (Found in Victoria, W. Australia, and Queensland)
- MOORE, M. V., S. E. HAMPTON, L. R. IZMEST'EVA, E. A. SILOW, E. V. PESHKOVA & B. K. PAVLOV 2009. Climate change and the world's "sacred sea"—Lake Baikal, Siberia. ---- *BioScience* 59, 405-417. (Not seen)



- MOREIRA, J., L. GESTOSO & J. S. TRONCOSO 2008. Diversity and temporal variation of peracarid fauna (Crustacea: Peracarida) in the shallow subtidal of a sandy beach: Playa América (Galicia, NW Spain). ---- *Marine Ecology* 29, Suppl. 1, 12-18. (Amph. listed on p. 15)
- MOREIRA, J., A. LOURIDO & J. S. TRONCOSO 2008. Diversity and distribution of peracarid crustaceans in shallow subtidal soft bottoms at the Ensenada de Baiona (Galicia, N. W. Spain.)---- *Crustaceana* 81, 1069-1089. (Most common amphipods listed on p. 1076.)
- MORINO, H 2009. (Geographical distribution and habitats of a spring-dwelling amphipod, *Jesogammarus fluviatilis* Morino (Amphipoda).) ---- *Japanese Journal of Limnology* 69, 223-236. (In Japanese, not seen)
- MUKAI, H. & M. TAKEDA 2009(?). A giant amphipod Crustacea from the Miocene Morozaki Group in the Chita Peninsula, central Japan. ---- *Bulletin of the National Science Museum, Series C, Geology & Paleontology* 13, 35-39. (Not seen. Apparently the fossil is closely related to *Megaceradocus gigas*.)
- MUNRO, N. T., K.-J. KOVAC, D. NEIJALKE & R. B. CUNNINGHAM 2009. The effect of a single burn event on the aquatic invertebrates in artesian springs. ---- *Austral Ecology* 34, 837-847. (An Australian study. Amphipods increased in numbers after deliberate burns of the *Phragmites* vegetation.)
- MURPHY, N. P., M. ADAMS & A. D. AUSTIN 2009. Independent colonization and extensive cryptic speciation of freshwater amphipods in the isolated groundwater springs of Australia's Great Artesian Basin. ---- *Molecular Ecology* 18, 109-122. (There is much cryptic speciation among central Australian chiltoniids.)
- MYERS, A. A. 2009. Aoridae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 220-278. (Deals with *Aoroides palfreyensis* n. sp. (Lizard island, GBR), *A. parvus* n. sp. (Lizard island), *Autonoe seurati* (transferred from *Xenocheira*), *Bemlos aequimanus*, *B. australis*, *B. bidens*, *B. clypeatus*, *B. ephippium*, *B. gladius* n. sp. (Lizard island), *B. mollis*, *B. triangulum*, *B. tridentatus*, *B. tui*, *B. waipio*, *Globosolembos excavatus*, *G. longispinosus*, *G. ovatus*, *G. springthorpei* n. sp. (Lizard island), *G. varanus* n. sp. (Lizard island), *Grandidierella bonnieroides*, and *G. rhizophorae* n. sp. (Lizard island).)
- MYERS, A. A. 2009. Chevaliidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 344-347. (Deals with *Chevalia tenuis* n. sp. (Lizard island area, GBR).)
- MYERS, A. A. 2009. Corophiidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 373-379. (Deals with *Paracorophium nana* n. sp. (Lizard island), and *Pumiliophotis queenslandicus* n. gen., n. sp. (Lizard island).)
- MYERS, A. A. 2009. Kamakidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 487-493. (Deals with *Gammaropsella saepta* n. sp. (Lizard island, GBR) and *Kamaka silvana* n. sp. (Lizard island).)
- MYERS, A. A. 2009. Photidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 771-799. (Deals with *Gammaropsis hephaestus* n. sp. (Lizard island, GBR), *Graciliphotis ruthae* n. gen, n. sp., *Latigammaropsis* n. gen., type species *Gammaropsis atlantica*, 15 further species, most transferred from *Gammaropsis*, *L. athenae* n.sp. (Lizard island), *L. dionysus* n.

sp.(Lizard island), *L. hermes* n. sp. (Lizard island), *L. hestia* n. sp. (Lizard island), *Photis aina*, *P. davei* n. sp.(Lizard island), *P. pirloti*, and *Virgammaropsis artemis* n. gen., n. sp. (Lizard island) .)

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MYERS, A. A., J. A. DE-LA-OSSA-CARRETERO & J.-C. DAUVIN 2010. A new species of *Medicorophium*, *M. longisetosum* n.sp. from the western Mediterranean, coast of Spain. --- *Zootaxa* 2450, 53-60 (With a key to all Corophiini of the Mediterranean coast of Spain.)

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NORROCKY, M. J. & E. R. HAZELTON 2010. A simple device to capture amphipods (Malacostraca, Amphipoda). ---- *Crustaceana* 83, 381-382. (for work in caves)

NOYON, M., S. GASPARIOL & P. MAYZAUD 2009. Feeding of *Themisto libellula* (Amphipoda Crustacea) on natural copepods assemblages in an Arctic fjord (Kongsfjorden, Svalbard). ---- *Polar Biology* 32, 1559-1570.

NYGÅRD, H., M. VIHTAKARI & J. BERGE 2009. Life history of *Onisimus caricus* (Amphipoda: Lysianassoidea) in a high Arctic fjord. ---- *Aquatic Biology* 5, 63-74. (This species has a 5-year life cycle, and at least the females are semelparous.)

O'CONNOR, M. I. 2009. Warming strengthens an herbivore-plant interaction. ---- *Ecology* 90, 388-398. (*Sargassum filipendula* and the grazing amphipod *Ampithoe longimana*)

- OHJI, M. 2009. *Biological effects of tributyltin on the Caprellidea (Crustacea: Amphipoda)*. - --- Pp 161-193 in T. Arai, H. Harino, M. Ohji & W. J. Langston (eds). *Ecotoxicology of fouling biocides*. Springer Japan. (Not seen)
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- ORTIZ, M., J. M. GUERRA-GARCIA & R. LALANA 2009. *Cubodeutella cavernicola*, a new genus and species of Caprellidae (Crustacea: Amphipoda) from Cuba. ---- *Zootaxa* 2130, 60-68. (Found in a submarine cave at Maria La Gorda, Pinar del Rio province.)
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- ORTIZ, M., R. LALANA & C. VARELA 2008. (First report of the family Melphidippidae and of the genus *Hornellia* (Amphipoda: Gammaroidea) in Cuban waters, with the description of a new species.) ---- *Solenodon* 7, 7-13. (In Spanish. Deals with *H. habanensis* n. sp. (Playa Baracoa, La Habana, Cuba). The new species is compared with *H. tequestae* and *H. atlantica*.)
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- PASTORINHO, M. R., T. C. TELFER & A. M. V. M. SOARES 2009. Amphipod intersex, metals and latitude: A perspective. ---- *Marine Pollution Bulletin* 58, 812-817 (Studies on *Echinogammarus marinus* from Iceland and Scotland)
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two Apulian sandy beaches (Southern Italy). ---- *Vie et Milieu* 59, 7-20. (*Talitrus saltator* and *Macarorchestia remyi*.)

PAVESI, L. & E. DE MATTHAEIS 2009. Life history of the talitrid amphipod *Macarorchestia remyi* (Schellenberg, 1950) on a Tyrrhenian sandy beach, Italy. ---- *Hydrobiologia* 635, 171-180.

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PERALTA, M. AND L. GROSSO 2009. (*Crustacea Syncarida, Amphipoda and Decapoda*.) - ---Pp 469-495 in E. Dominguez & H. Fernandez (eds). Macroinvertebrados bentonicos sudamericanos. Sistemática y Biología. Fundación Miguel Lillo, Tucuman, Argentina. (In Spanish, not seen)

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PÉREZ-DOMINGO, S., C. CASTELLANOS & J. JUNOY 2008. The sandy beach macrofauna of Gulf of Gabès (Tunisia). ---- *Marine Ecology* 29, Suppl. 1, 51-59.

PÉREZ-LANDA, V., M. J. BELZUNCE & J. FRANCO 2010. The effect of seasonality and body size on the sensitivity of marine amphipods to toxicants. ---- *Bulletin of Environmental Contamination and Toxicology* 81, 548-552. (Studies on *Corophium multisetosum* and *C. urdaibaiense*, and season and size DO matter)

PETERS, K. J., C. D. AMSLER, J. B. McCLINTOCK, R. W. M. v. SOEST & B. J. BAKER 2009. Palatability and chemical defenses of sponges from the western Antarctic Peninsula. --- - *Marine Ecology Progress Series* 385, 77-85. (The discussion treats the relations between sponges and amphipods in the area.)

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PFEIFFER, C. J. 2009. *Whale Lice*. Pp 1220-1223 in Encyclopedia of marine mammals (second edition). Elsevier. (Not seen)

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the other Great Lakes, is genetically clearly different from the populations in the other Great Lakes.)

PISCART, C., B. BERGEROT, P. LAFAILLE & P. MARMONIER 2010. Are amphipod invaders a threat to regional biodiversity? ---- *Biological Invasions* 12, 853-863. (A study from the Loire area in France. Refugia for the ousted native species prevents a loss of biodiversity here)

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PONTI, M., A. PASTERIS, R. GUERRA & M. ABBIATI 2009. Impacts of maintenance channel dredging in a northern Adriatic coastal lagoon. II: Effects on macrobenthic assemblages in channels and ponds. ---- *Estuarine, Coastal and Shelf Science* 85, 143-150. (i.a. *Corophium insidiosum* and *Gammarus aequicauda*)

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PUENTE, A., J. A. JUANES, G. CALDERON, B. ECHAVARRI-ERASUN, A. GARCIA & G. GARCIA-CASTRILLO 2009. Medium-term assessment of the effects of the Prestige oil spill on estuarine benthic communities in Cantabria (northern Spain, Bay of Biscay). ---- *Marine Pollution Bulletin* 58, 487-495. (No very clear effects noted)..

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- western Arctic Ocean. ---- *Deep-Sea Research II* 57, 127-139. (*Mertensia ovum* feeds i.a. on *Parathemisto*.)
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- RÉ, A., R. FREITAS, L. SAMPAIO, A. M. RODRIGUES & V. QUINTINO 2009. Estuarine sediment acute toxicity testing with the European amphipod *Corophium multisetosum* Stock, 1952. ---- *Chemosphere* 76, 1323-1333.
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- RICO-RICO, A., A. TEMARA & J. L. M. HERMANS 2009. Equilibrium partitioning theory to predict the sediment toxicity of the anionic surfactant C12-2-LAS to *Corophium volutator*. ---- *Environmental Pollution* 157, 575-581.
- RIEDLECKER, E. I., G. V. ASHTON & G. M. RUIZ 2009. Geometric morphometric analysis discriminates native and non-native species of Caprellidae in western North America. ---- *Journal of the Marine Biological Association UK* 89, 535-542. (Deals with the non-native *C. mutica* vs *C. alaskana* and *C. kennealyi*.)
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- ROBINSON, L. A., S. P. R. GREENSTREET, H. REISS, R. CALLAWAY, J. CRAEYMEERSCH, I. DE BOOIS, S. DEGRAER, S. EHRLICH, H. M. FRASER, A. GOFFIN, I. KRÖNCKE, L. LINDAL JORGENSEN, M. R. ROBERTSON & J. LANCASTER 2010. Length-weight relationships of 216 North Sea benthic invertebrates and fish. ---- *Journal of the Marine Biological Association UK* 90, 95-104. (Amphipods are *Epimeria cornigera*, *Hippomedon denticulatus* and *Iphimedia obesa*)
- ROBISON, B. H., R. E. SHERLOCK & K. R. REISENBICHLER 20120. The bathypelagic community of Monterey Canyon. ---- *Deep-Sea Research II* 57, 1551-1556.
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- ROSSANO, C., S. GAMBINERI, L. FANINI, V. DURIER, C. RIVAULT & F. SCAPINI 2009. Behavioural adaptations in talitrids from two Atlantic beaches. ---- *Estuarine, Coastal and Shelf Science* 85, 573-584.. (A study from Bretagne on *Talitrus saltator* populations)
- RULE, M. J. & S. D. A. SMITH 2007. Depth-associated patterns in the development of benthic assemblages on artificial substrata deployed on shallow, subtropical reefs. ---- *Journal of Experimental Marine Biology and Ecology* 345, 38-51. (An Australian study.)
- SANTAGATA, S., K. BACELA, D. F. REID, K. A. McLEAN, J. S. COHEN, J. R. CORON, C. W. BROWN, T. H. JOHNGEN & G. M. RUIZ 2008. Concentrated sodium chloride brine solutions as an additional treatment for preventing the introduction of nonindigenous species in the ballast tanks of ships declaring no ballast on board. ---- *Environmental Toxicology and Chemistry* 28, 346-353. (Not seen)
- SAN VICENTE, C., T. MUNILLA, J. CORBERA, J.-C. SORBE & A. RAMOS 2009. Suprabenthic fauna from the Bellingshausen Sea and western Antarctic Peninsula: spatial distribution and community structure. ---- *Scientia Marina* 73, 357-368. (Amphipod families (26) listed on p.362.)



- SANZ-LAZARO, C. & A. MARIN 2009. A manipulative field experiment to evaluate an integrative methodology for assessing sediment pollution in estuarine ecosystems. ---- *Science of the Total Environment* 407, 3510-3517. (Tests with *Corophium multisetosum* and *Microdeutopus gryllotalpa* in a Portuguese estuary.)
- SCAPINI, F. & J. DUGAN 2008. Sun and landscape orientation in adult and juvenile sandhoppers *Orchestoidea tuberculata* (Amphipoda, Talitridae) from two beaches in south central Chile. ---- *Marine Ecology* 29, Suppl. 1, 19-27.
- SCHAROLD, J. V., E. M. PILGRIM, J. A. DARLING & J. R. KELLY 2008. Genetic diversity of the amphipod *Diporeia* spp in Lake Superior. ---- *Abstracts 93d ESA Annual Meeting*.
- SCHOEMAN, D. S., R. NEL & A. GOULART SOARES 2008. Measuring species richness on sandy beach transects: extrapolative estimators and their implications for sampling effort. - --- *Marine Ecology* 29, Suppl. 1, 134-149.
- SCHÜCKEL, U., S. EHRICH & I. KRÖNCKE 2010. Temporal variability of three different macrofauna communities in the northern North Sea. ---- *Estuarine, Coastal and Shelf Science* 89, 1-11.
- SEI, M., B. K. LANG & D. J. BERG 2009. Genetic and community similarities are correlated in endemic-rich springs of the northern Chihuahuan Desert. ---- *Global Ecology and Biogeography* 18, 192-201.
- SEIDEL, R. A., B. K. LANG & D. J. BERG 2009. Phylogeographic analysis reveals multiple cryptic species of amphipods (Crustacea; Amphipoda) in Chihuahuan Desert springs. ---- *Biological Conservation* 142, 2303-2313. (Besides *Gammarus pecos*, *G. desperatus* and *G. hyalelloides* there are at least six populations, which represent undescribed species.)
- SEIDEL, R. A., B. K. LANG & D. J. BERG 2010. Salinity tolerance as a potential driver of ecological speciation in amphipods (*Gammarus* spp) from the northern Chihuahuan Desert. -- -- *Journal of the North American Benthological Society* 29, 1161-1169. (Not seen)
- SEJR, M. K., M. WLODARSKA-KOWALCZUK, J. LEGEZYNSKA & M. E. BLICHER 2010. Macrobenthic species composition and diversity in the Godthaabsfjord system, SW Greenland. ---- *Polar Biology* 33, 421-432. (Not seen)
- SEMENCHENKO, V. P., V. K. RIZEVSKY, S. E. MASTITSKY, V. V. VEZHNOVETS, M. V. PLUTA, V. I. RAZLUTSKY & T. LAENKO 2009. Checklist of aquatic alien species established in large river basins of Belarus. ---- *Aquatic Invasions* 4, 337-347. (Eight amphipod spp in Annex 1)
- SEMENCHENKO, V. & V. VEZHNOVETZ 2008. Two new invasive Ponto-Caspian amphipods reached the Pripyat River, Belarus. ---- *Aquatic Invasions* 3, 445-447. (*Obesogammarus obesus* and *O. crassus*.)
- SENNA, A. R. 2009. The giant deep-sea amphipods (Lysianassoidea: Eurytheneidae) from Brazilian waters. ---- *Nauplius* 17, 81-96. (Deals with *Eurythenes gryllus* and *E. obesus*)
- SENNA, A. R. 2010. A new genus and five new species of Phoxocephalidae (Crustacea: Amphipoda) from the south-east Brazilian deep sea. ---- *Journal of Natural History* 44, 2075-2118. (Deals with *Bathybirubius margaretae* n. gen, n. sp. (Campos basin, 1050m), *Coxophoxus alonso* n. sp. (Campos basin, 1050m), *Leptophoxoides marina* n. sp. (Campos Basin), *Pseudharpinia berardo* n. sp. (Campos basin), and *P. ovata* n. sp. (Campos basin, 1100m). A key to all Brazilian Phoxocephalidae is provided.)

- SENNA, A. R. & C. S. SEREJO 2007. A new deep-sea species of *Stephonyx* (Lysianassoidea: Uristidae) from off the central coast of Brazil. ---- *Nauplius* 15, 7-14. (*S. uncinatus* n. sp. from 14°28'S, 38°51'W. A key to all *Stephonyx* species is provided. NB. See also Diffenthal & Horton 2007 in AN 33 for another new *Stephonyx*)
- SENNA, A. R. & J. F. SOUZA-FILHO 2010. A new species of *Lysianassa* Milne Edwards, 1830 (Crustacea: Amphipoda: Lysianassidae) from the southwestern Atlantic, with an updated key to Brazilian lysianassoid species. ---- *Cahiers de Biologie Marine* 51, 129-145. (*Lysianassa temimino* n.sp. (Vitoria City, Espirito Santo St., Brazil).)
- SEREJO, C. S. 2009. Talitridae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 892-903. (Deals with *Chelorchestia limicola*, transferred from *Talorchestia*, *Talorchestia spinipalma* and the revived *T. terraereginae* Haswell, 1880.)
- SEREJO, C. S. & D. J. SITROP 2009. Hyalidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 440-452. (Deals with *Hyachelia lowryi* n. sp. (Mon Repos, Qld), an associate of loggerhead and green turtles, *Lelehua myersi* n. sp. (Lizard island, GBR) and *Parhyale hawaiiensis*.)
- SHATILINA, Zh. M., T. P. POBEZHIMOVA, O. I. GRABEL'NYKH, D. S. BEDULINA, M. V. PROTOPOPOVA, V. V. PAVLICHENKO & M. A. TIMOFEEV 2010. Heat shock proteins in the mechanisms of stress adaptation in Baikal amphipods and Palearctic *Gammarus lacustris* Sars. I. HSP70 family. ---- *Contemporary Problems of Ecology* 3, 41-49. (The Baikal species studies are *Gmelinoides fasciatus*, *Eulimnogammarus cyaneus*, *E. vittatus* and *Ommatogammarus flavus*.)
- SHUCKSMITH, R., E. J. COOK, D. J. HUGHES & M. T. BURROWS 2009. Competition between the non-native amphipod *Caprella mutica* and two native species of caprellids *Pseudoprotella phasma* and *Caprella linearis*. ---- *Journal of the Marine Biological Association UK* 89, 1125-11232. (In experiments *C. mutica* is dominant and replaces the other two species)
- SIDOROV, D. A. 2009 (New species of stygobiont amphipod (Crustacea: Amphipoda: Pseudocrangonyctidae) from Primorye, with description of female of *Pseudocrangonyx levanidovi* Birstein from the Khor River springs.) ---- (*Amurian Zoological Journal*) 1, 92-105. (In Russian. Deals with *Pseudocrangonyx febras* n. sp. from underground waters of the Arsenyevka River (Primorye, Russia) and *P. levanidovi*.)
- SIDOROV, D. A. 2010. A new subgenus of eusirid amphipod (Crustacea: Amphipoda: Eusiridae) from subterranean waters and springs of the Eastern Sikhote-Alin Mountain Ridge, with comments on the morphology of sternal humps, genital papillae and pleopods. ---- *Zootaxa* 2518, 1-31. (*Paramoera* (*Ganigamoera* n. subgen.) *myslenkovi* n. sp. (Kievka River basin) and *P. (G.) tiunavi* n. sp. (Solontsovaya River basin, both NE of Vladivostok. On pp 28-30 all 7 Far-Eastern spp of *Paramoera* are compared).
- SIDOROV, D. A., J. R. HOLSINGER & V. V. TAKHTEEV 2010. Two new species of the subterranean amphipod genus *Stygobromus* (Amphipoda: Crangonyctidae) from Siberia, with new data on *Stygobromus pusillus* (Martynov) and remarks on morphology and biogeographic relationships. ---- *Zootaxa* 2478, 41-58. (Deals with *S. pusillus*, *S. mikhaili* n. sp. (Chuya River, Altay Rep.), and *S. anastasiae* n. sp. (Irkutsk).)
- SIMON, R., G. JUBEAUX, A. CHAUMONT, J. LEMOINE, O. GEFFARD & A. SALVADOR 2010. Mass spectrometry assay as an alternative to the enzyme-linked

immunosorbent assay for biomarker quantitation in ecotoxicology: Application to vitellenin in Crustacea (*Gammarus fossarum*). ---- *Journal of Chromatography A* 1217, 5109-5115.

SITTROP, D. J. P. & C. S. SEREJO 2009. Three new species of the genus *Lepechinella* (Amphipoda: Gammaridea: Lepechinellidae) collected from Campos basin slope, RJ, Brazil. - --- *Scientia Marina* 73, 473-485. (Deals with *L. campensis* n. sp. (22°10'S, 39°52'W, 1050m), *L. hirsuta* n. sp. (21°52'S, 39°51'W, 1050m) and *L. laurensi* n. sp. (21°57'S, 34°0'W, 1950m). A key to S. Atlantic species is provided.)

SKET, B. & C. FISER 2009. A new case of intralacustrine radiation in Amphipoda. A new genus and three new species of Anisogammaridae (Crustacea, Amphipoda) from the ancient lake Fuxian Hu in Yunnan, China. ---- *Journal of Zoological Systematics and Evolution Research* 47, 115-123. (Deals with *Fuxigammarus* n. gen. (Anisogammaridae) with the species *F. antespinosus* n.sp. (type), *F. barbatus* n.sp. and *F. cornutus* n. sp.,, and *Eurypodogammarus helobius*. A cladistic analysis of the Anisogammaridae is provided. NB I have not seen the online version).

SLOTHOUBER GALBREATH, J. G. M., J. E. SMITH, J. J. BECNEL, R. K. BUTLIN & A. M. DUNN 2010. Reduction in post-invasion genetic diversity in *Crangonyx pseudogracilis* (Amphipoda: Crustacea): a genetic bottleneck or the work of hitchhiking vertically transmitted microparasites? ---- *Biological Invasions* 12, 191-209.

SORNOM, P., V. FELTEN, V. MÉDOC, S. SRODA, P. ROUSSELLE & J.-N. BEISEL 2010. Effect of gender on physiological and behavioural responses of *Gammarus roeseli* (Crustacea Amphipoda) to salinity and temperature. ---- *Environmental Pollution* 158, 1288-1295. (Gender does make a difference in many respects)

SOLTWEDEL, T., N. JAEKISCH, N. RITTER, C. HASEMANN, M. BERGMANN & M. KLAGES 2009. Bathymetric patterns of megafaunal assemblages from the arctic deep-sea observatory HAUSGARTEN. ---- *Deep Sea Research Part 1: Oceanographic Research Papers* 56, 1856-1872 (Not seen)

SOTKA, E. E. & H. GIDDENS 2009. Seawater temperature alters feeding discrimination by cold-temperate but not subtropical individuals of an ectothermic herbivore. ---- *Biological Bulletin* 216, 75-84. (A study on *Ampithoe longimana*)

SOTKA, E. E., A. McCARTY, E. A. MONROE, N. OAKMAN & F. M. VAN DOLAH 2009. Benthic herbivores are not deterred by brevetoxins produced by the Red Tide dinoflagellate *Karenia brevis*. ---- *Journal of Chemical Ecology* 35, 851-859. (Studies on *Ampithoe brevimana*)

SOUZA-FILHO, J. F. & A. R. SENNA 2009. Two new species of the genus *Elasmopus* Costa, 1853 (Amphipoda: Gammaridea: Maeridae) from off the Northeast Brazilian coast. ---- *Zootaxa* 2301, 55-68. (Deals with *Elasmopus karamani* n. sp. (3°28'S, 35°03'W) and *E. lejeunei* n. sp. (Rio Grande do Norte State).)

SOUZA-FILHO, J- F- & C. S. SEREJO 2010. Two new species of the family Photidae (Amphipoda: Corophiidea: Photidae) from Brazilian waters, with description of *Rocasphotis* gen. nov. . ---- *Journal of Natural History* 44, 559-577. (Deals with *Photis sarae* n. sp. (Guanabara Bay, Rio de Janeiro) and *Rocasphotis aiso* n. gen, n. sp. from Atol das Rocas, Brazil. A key to all photid genera is provided.)

SOUZA-FILHO, J. F., A. M. T. SOUZA & M. T. VALERIO-BÉRARDO 2009. Description of four new species of the genus *Ampelisca* (Amphipoda, Ampeliscidae) from the northeastern and southeastern coasts of Brazil and designation of a neotype for *Ampelisca soleata* Oliveira, 1954. ---- *Journal of Natural History* 43, 2391-2423. (Deals with *Ampelisca*

*angraensis* n. sp. (Angra dos Reis, Rio de Janeiro), *A. burkei*, *A. cristianae* n. sp. (Fernando de Noronha Islands), *A. pseudobicarinata* n. sp. (Salvador, Bahia), *A. rocasensis* n. sp. (Atol das Rocas, Rio Grande do Norte), and *A. soleata* (with neotype). A revised key to Brazilian Ampeliscidae is provided)

SPACCESI, F. & A. R. CAPITULO 2009. Benthic invertebrate assemblage in Samborombon River (Argentina, S. America), a brackish plain river. ---- *Aquatic Ecology* 43, 1011-1022. (Amphipods are *Corophium rioplatense* and *Hyaella curvispina*.)

SPEYBROEK, J., D. BONTE, W. COURTENS, T. GHESKIERE, P. GROOTAERT, J.-P. MALEFAIT, S. PROVOOST, K. SABBE, E. W. M. STIENEN, V. VAN LANCKER, W. VAN LANDUYT, M. VINCX & S. DEGRAER 2008. The Belgian sandy beach ecosystem: a review. ---- *Marine Ecology* 29, Suppl. 1, 171-185.

SPIVAK, A. C., E. A. CANUEL, J. E. DUFFY, J. G. DOUGLASS & J. P. RICHARDSON 2009. Epifaunal community composition and nutrient addition alter sediment organic matter composition in a natural eelgrass *Zostera marina* bed: a field experiment. ---- *Marine Ecology Progress Series* 376, 55-67.

SPRINGTHORPE, R. T. & J. K. LOWRY 2009. Hadziidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 434-439. (Deals with *Dulzura taylorae* n.sp. (Lizard island, GBR). The genus *Protohadzia* is synonymized with *Dulzura*.)

SPRUZEN, F. L., A. M. M. RICHARDSON & E. J. WOEHLER 2008. Spatial variation of intertidal macroinvertebrates and environmental variables in Robbins Passage wetlands, NW Tasmania. ---- *Hydrobiologia* 598, 325-342.

SPRUZEN, F. L., A. M. M. RICHARDSON & E. J. WOEHLER 2008. Influence of environmental and prey variables on low tide shorebird habitat use within the Robbins Passage wetlands, Northwest Tasmania. ---- *Estuarine, Coastal and Shelf Science* 78, 122-134.

STATZNER, B., N. BONADA & S. DOLEDEC 2008. Biological attributes discriminating invasive from native European stream invertebrates. ---- *Biological Invasions* 10, 517-530.

STEINARSDOTTIR, M. B., A. INGOLFSSON & E. OLAFSSON 2009. Trophic relationships on a fucoid shore in south-western Iceland as revealed by stable isotope analysis, laboratory experiments, field observations and gut analyses. ---- *Journal of Sea Research* 61, 208-215.

STELZER, R. & B. I. JOACHIM 2010. Effects of elevated nitrate concentration on mortality, growth, and egestion rates of *Gammarus pseudolimnaeus* amphipods. ---- *Archives of Environmental Contamination and Toxicology* 58, 694-699.

STERLIGOVA, O. P. & N. V. IL'MAST 2009.. Species-colonizers in the water systems of Karelia. ---- *Journal of Ichthyology* 49, 331-338. (Not seen)

STOCH, F., M. ARTHEAU, A. BRANCELJ, D. M. P. GALASSI & F. MALARD 2009. Biodiversity indicators in European ground waters: towards a predictive model of stygobiotic species richness. ---- *Freshwater Biology* 54, 745-755.

STODDART, H. E. & J. K. LOWRY 2010. The family Opisidae (Crustacea: Amphipoda: Lysianassoidea) in Austrasian waters. ---- *Zootaxa* 2479, 22-38. (Deals with *Normanion hipposideros* n. sp. (Horseshoe Reef, Papua NG), *N. whoi* n. sp. (Point Hicks, Victoria, Australia), *Podoprionella bulla*. n. sp. (off Eden, NSW, Australia), *Podoprionoides akantha*

n.sp. (Point Hicks, Vict., Australia) and *P. moonamoona* n. sp. (Jervis bay, NSW, Australia). Keys to species in all genera are provided.)

STODDART, H. E. & J. K. LOWRY 2010. The family Aristiidae (Crustacea: Amphipoda: Lysianassoidea) in Australian waters. ---- *Zootaxa* 2549, 31-53. (Deals with *Aristias eden* n. sp. (off Eden, NSW), *A. gomoni* n. sp. (off Point Hicks, Vict.), *A. nowra* n. sp. (off Nowra, NSW, 1011m), *A. otway* n. sp. (off Cape Otway, Vict.), *A. poorei* n. sp. (off Point Hicks, Vict) *Memana sarda* n. gen., n. sp. (Three Hummock Island, Tas), and *Pratinas ludmilla* n. gen., n. sp. (Darwin, NT).)

STRANSKY, B. 2008. Description of the Rauschert sled and its sampling efficiency. ---- *Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut* 105, 23-30.

STRANSKY, B. & J. SVAVARSSON 2010. Diversity and species composition of peracarids (Crustacea: Malacostraca) on the South Greenland shelf: spatial and temporal variation. ---- *Polar Biology* 33, 125-139. (The very rich amphipod fauna is listed on pp 132-135)

STRONG, J. A., C. A. MAGGS & M. P. JOHNSON 2009. The extent of grazing release from epiphytism for *Sargassum muticum* (Phaeophyceae) within the invaded range. ---- *Journal of the Marine Biological Association UK* 89, 303-314. (*S. muticum* in Strangford Lough, N. Ireland, is as heavily grazed upon by i.a. amphipods as the native brown algae.)

SUN, M.-Y, L. M. CLOUGH, M. L. CARROLL, J. DAI, W. G. AMBROSE & G. R. LOPEZ 2009. Different responses of two common Arctic macrobenthic species (*Macoma balthica* and *Monoporeia affinis*) to phytoplankton and ice algae: will climate change impacts be species specific? ---- *Journal of Experimental Marine Biology and Ecology* 376, 110-121. (Clear differences between the two species.)

SUNDELIN, B., R. ROSA & A.-K. ERIKSSON WIKLUND 2008. Reproduction disorders in the benthic amphipod *Monoporeia affinis*: an effect of low food resources. ---- *Aquatic Biology* 2, 179-190.

SUROWIEC, J. & A. DOBRZYCKA-KRAHEL 2008. New data on the non-indigenous gammarids in the Vistula Delta and the Vistula Lagoon. ---- *Oceanologia* 50, 443-447.

TAKESHITA, F. & Y. HENMI 2010. The effects of body size, ownership and sex-ratio on the precopulatory mate guarding of *Caprella penantis* (Crustacea: Amphipoda). ---- *Journal of the Marine Biological Association UK* 90, 275-279.

TANDBERG, A. H. S. 2009. A redescription of *Metopa* species (Amphipoda Stenothoidae) based on the type material. 2. The United States National Museum of Natural History (NMNH). ---- *Zootaxa* 2309, 43-68.

TANDBERG, A. H. S. 2010. A redescription of *Metopa* species (Amphipoda, Stenothoidae) based on the type material. 3. Natural History Museum, Oslo (NHM). ---- *Zootaxa* 2465, 1-94. (Contains redescriptions of *M. aequicornis*, *M. affinis*, *M. alderii*, *M. boeckii*, *M. borealis*, *M. invalida*, *M. leptocarpa*, *M. longicornis*, *M. palmata*, *M. propinqua*, *M. pusilla*, *M. robusta*, *M. sinuata* and *M. tenuimana*.)

TANDBERG, A.H.S., W. VADER & J. BERGE 2010. Studies on the association of *Metopa glacialis* (Amphipoda, Crustacea) and *Musculus discors* (Mollusca, Mytilidae). ---- *Polar Biology*, in press (the amphipods spend their entire life-cycle within the mussels, but do not damage the host)

TANDBERG, A. H. S., C. SCHANDER & F. PLEIJEL 2010. First record of the association between the amphipod *Metopa alderii* and the bivalve *Musculus*. ---- *Marine Biodiversity*

- Records 3.* (*M. alderii* from *Musculus discors* and *M. niger* in northern Spitsbergen, Svalbard.)
- TANDBERG, A. H. S. & W. VADER 2009. A redescription of *Metopa* species (Amphipoda, Stenothoidae) based on the type material. 1. Zoological Museum. Copenhagen (ZMUC). ---- *Zootaxa* 2093, 1-36. (Deals with *Metopa clypeata* (the type species), *M. glacialis*, *M. groenlandica* and *M. abyssalis*.)
- TAYLOR, J. 2009. Phoxocephalidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 800-827. (Deals with *Birubius banksi* n. sp. (Lizard island, GBR), *B. batei*, *B. casuarina* n. sp. (Lizard island), *B. kingae* n. sp. (Lizard island), *B. oti* n. sp. (One Tree island, GBR), *B. parvus* n. sp. (Lizard island), *Limnoporeia cooki* n. sp. (Lizard island), *L. woorake*, and *Metaphoxus varanus* n. sp. (Lizard island).)
- THIELTGES, D. W., B. L. FREDENSBURG & R. POULIN 2009. Geographical variation in metacercarial infection levels in marine invertebrate hosts: parasite species character versus local factors. ---- *Marine Biology* 156, 983-990.
- THOMA, B. P. & R. W. HEARD 2009. A new species of the genus *Gammarus* (Crustacea: Amphipoda: Gammaridae) from the low salinity habitats in the northern Gulf of Mexico. ---- *Zootaxa* 2015, 42-54. (*G. lecrovae* n. sp., from Jackson Co, Mississippi, USA)
- TIKHONOVA, E. N., R. M. KAMALTYNOV & A. A. LISSOVSKY 2009. The sexual dimorphism of *Pallasea cancellus* (Pallas, 1772) amphipod from Lake Baikal and the Angara River. ---- *Inland Water Biology* 2, 127-134.
- TIMMS, B. V. 2009. A study of the salt lakes and salt springs of Eyre peninsula, South Australia. ---- *Hydrobiologia* 626, 41-51.
- TIMOFEYEV, M. A., M. PROTOPOPOVA, V. PAVLICHENKO & C. E. W. STEINBERG 2009. Can acclimation of amphipods change their antioxidative response? ---- *Aquatic Ecology* 43, 1041-1045. (Studies on *Eulimnogammarus cyaneus*.)
- TIMOFEYEV, M.A., Z. M. SHATILINA, M. V. PROTOPOPOVA, D. S. BEDULINA, V. V. PAVLICHENKO, A. V. KOLESNICHENKO & C. E. W. STEINBERG 2009. Thermal stress defense in freshwater amphipods from contrasting habitats with emphasis on small heat shock proteins (sHSPs). ---- *Journal of Thermal Biology* 34, 281-285.
- TOJO, K., Y. TANAKA, R. B. KURANISHI & S. KANADA 2010, 522-527. Reproductive biology and adaptability of the invasive alien freshwater amphipod *Crangonyx floridanus* (Crustacea: Amphipoda, Crangonyctidae). ---- *Zoological Science* 27, 522-527. (A Japanese study)
- TOMIKAWA, K. 2009. A new species of the genus *Cyphocaris* (Crustacea: Amphipoda: Cyphocarididae) from Japan. ---- *Bulletin of the National Museum of Nature and Science, Ser A, Suppl. 3*, 37-46. (*C. ohtsukai* n. sp. from off Ryukyu Islands. A key to all *Cyphocaris* is provided.)
- TOMIKAWA, K., K. KAKUI & H. YAMASAKI 2010. A new species of *Psammogammarus* (Amphipoda: Melitidae) from Kuchinoerabu Island, Japan, with a note on its feeding habits. -- *Zoological Science* 27, 615-626. (*P. mawatarii* n. sp.. It seems, at least facultatively, to be carnivorous.)
- TOMIKAWA, K., H. MORINO & S. OHTSUKA 2008. Redescription of a subterranean amphipod, *Pseudocrangonyx shikokunis* (Crustacea: Amphipoda: Pseudocrangonyctidae) from Japan. ---- *Species Diversity* 13, 275-286.

- TOMIKAWA, K. & T. SONODA 2008. Four species of gammaroidean amphipods (Crustacea, Amphipoda, Gammaridea) from coasts of the Shiretoko Peninsula, Hokkaido. ---- *Bulletin of the Biogeographic Society of Japan* 63, 103-109. (In Japanese. New data on *Carineogammarus makarovi*, *Locustogammarus locustoides*, *Spasskogammarus spasskii* and *Mesogammarus melitoides*.)
- 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. (First record from Tuscany)
- TRONTELJ, P., C. J. DOUADY, C. FISER, F. GIBERT, S. GORICK, T. LEFÉBURE, B. SKET & V. ZAKSEK 2009. A molecular test for cryptic diversity in ground water: how large are the ranges of macro-stygobionts? ---- *Freshwater Biology* 54, 727-744. (Many cryptic lineages)
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- YERMAN, M. N. & C. O. COLEMAN 2009. Sebidae. In J. K. Lowry & A. A. Myers (eds). Benthic Amphipoda (Crustacea: Peracarida) of the Great Barrier reef, Australia. ---- *Zootaxa* 2260, 861-871. (Deals with *Seba gruneri* n. sp. (Lizard island, GBR), *S. mariolgae* n. sp. (Lizard island) and *S. zeumindi* n. sp. (Lizard island).)

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- YU, O. H., S. J. JEONG & H.-L. SUH 2009. Secondary production of the oedicerotid amphipod, *Synchelidium trioostegitum* (Peracarida, Amphipoda) in a sandy shore surf zone of Korea. ---- *Crustaceana* 82, 1275-1285.
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- ZAKHAMA-SRAIEB, R., Y.-R. SGHAIER & F. CHARFI-CHEIKHROUHA 2008. Les Caprelles (Crustacea: Amphipoda) des cotes tunisiennes. ---- *Bulletin du Société Zoologique de France* 133, 149-158. (Eight species found, and a key provided).
- ZAKHAMA-SRAIEB, Y.-R. SGHAIER & F. CHARFI-CHEIKHROUHA 2009. Amphipod biodiversity of the Tunisian coasts: update and distributional ecology. ---- *Marine Biodiversity Records* 2. (A checklist of all amphipods reported (133 spp) until now from Tunisian waters.)
- ZAMANPOORE, M., M. GRABOWSKI, M. POECKL & F. SCHIEMER 2010. Two new *Gammarus* species (Crustacea, Amphipoda) from warm springs in the south-east pre-alpine area of the Zagros, Iran: habitats with physiological challenges. ---- (Deals with *Gammarus shirazinus* n. sp. (Shiraz, Fars prov.) and *G. loeffleri* n. sp. (W. of Darab, Fars prov.)
- ZAMANPOORE, M., M. POECKL, M. GRABOWSKI & F. SCHIEMER 2009. Two new sympatric species of freshwater *Gammarus* (Crustacea: Amphipoda) from Southern Zagros Region, Iran. ---- *Zootaxa* 2136, 21-39. (Deals with *Gammarus zagrosensis* n. sp and *G. sepidanus* n. sp., both from Sepidan, Fars province, Iran.)
- ZAMZOV, J. P., C. D. AMSLER, J. B. McCLINTOCK & B. J. BAKER 2010. Habitat choice and predator avoidance by Antarctic amphipods: the roles of algal chemistry and morphology. ---- *Marine Ecology Progress Series* 400, 155-163. (Studies on *Gondogeneia antarctica* and *Prostebbingia gracilis*.)
- ZEIDLER, W. 2009. A review of the hyperiidean superfamily Lanceoloidea Bowman & Gruner, 1973 (Crustacea: Amphipoda: Hyperiidea). ---- *Zootaxa* 2000, 1-117. (Another beautiful monograph of a hyperiidean superfamily by Wolfgang! Deals with 16 spp and subspp of *Lanceola*, of which two are new: *L. gruneri* n. sp. (Tasman Sea), and *L. galathea* n. sp. (Indian Ocean, NW of Cocos-Keeling Island), and 2 spp of *Scypholanceola* in the Lanceolidae. *Scypholanceola vanhoeffeni*, *S. chuni* and *S. richardi* are all considered junior synonyms of *S. aestiva*. A new family, Prolanceolidae, is erected for *Prolanceola vibiliformis*, and another new family, Metalanceolidae for *Metalanceola chevreuxi*. The new family Megalanceolidae contains *Megalanceola* and the new genus *Megalanceoloides*, based on *Lanceola remipes*. The Chuneolidae consist of three species in the genus *Chuneola*, the Microphasmidae of the monotypic genera *Microphasma* and *Microphasmoides*. Finally, the

new family Mimonecteolidae is erected for the genus *Mimonecteola*, with six species, of which *M. carlsbergi* n.sp. (S. Atlantic, off S. Africa) is new.)

ZEIDLER, W. & C. DE BROYER 2009. *Catalogue of the hyperiidean Amphipoda (Crustacea) of the Southern Ocean with distribution and ecological data.* ---- Census of Antarctic marine life. Synopsis of the Amphipoda of the Southern Ocean. C. De Broyer (ed.) Institut Royal des Sciences Naturelles de Belgique, Brussel. (A most useful catalogue, illustrated with beautiful colour pictures of many of the hyperiids dealt with.)

ZENETOS, A., V. VASSILOPOULOS, M. SALOMIDI & D. POURSANIDIS 2008. Additions to the marine alien fauna of Greek waters (2007 update). ---- *Marine Biodiversity Records 1*, 8 pp. (i.a. *Caprella scaura*)

ZETTLER, M. L. & D. DAUNYS 2007. Long-term macrozoobenthos changes in a shallow boreal lagoon: Comparison of a recent biodiversity inventory with historical data. ---- *Limnologica 37*, 170-185. (A study from the Curonian Lagoon, Baltic Sea)

ZGANEC, K. & S. GOTTSTEIN 2009. The river before damming: distribution and ecological notes on the endemic species *Echinogammarus cari* (Amphipoda: Gammaridae) in the Dobra River and its tributaries, Croatia. ---- *Aquatic Ecology 43*, 105-115.

ZGANEC, K., S. GOTTSTEIN & P. DURIC 2010. Distribution of native and alien gammarids (Crustacea: Amphipoda) along the course of the Una River. ---- *Nat. Croat. 19*, 141-150. (Deals with *Echinogammarus acarinatus*, *Fontogammarus dalmatinus*, *Gammarus balcanicus*, *G. fossarum* and *G. roeseli*, all occurring in this river. *Dikerogammarus haemobaphes* has been found in the Sava River near the mouth of the Una.)

ZGANEC, K., S. GOTTSTEIN, M. GRABOWSKI & D. PLATVOET 2010. Distribution of the endemic amphipod species *Echinogammarus thoni* (Schäferna, 1922) in watercourses of the Balkan Peninsula. ---- *Lauterbornia 69*, 41-50. (Occurs in Albania (first records), Bosnia and Herzegovina, Croatia and Montenegro.)

ZGANEC, K., S. GOTTSTEIN & S. HUDINA 2009. Ponto-Caspian amphipods in Croatian large rivers. ---- *Aquatic Invasions 4*, 327-335. (Deals with *Chelicorophium curvispinum*, *Dikerogammarus bispinosus*, *D. haemobaphes*, *D. villosus* and *Obesogammarus obesus*.)

ZDANEC, K., S. GOTTSTEIN, N. JERAN, P. DURIC & S. HUDINA 2009. *Freshwater endemics in peril: A case study of species Echinogammarus cari (Amphipoda: Gammaridae) threatened by damming.* ---- Chapter 9 in G.H. Tepper (ed.) *Species diversity and evolution.* Nova Science Publishers, Inc.

ZIMINA, O. L. & O. S. LYUBINA 2009. Recent research on the fauna of benthic crustaceans in the Franz Josef Land Archipelago area. ---- *Doklady Biological Sciences 426*, 285-287. (60 spp of amphipods found, but not listed.)

ZIMMER, A., P. B. ARAUJO & G. BOND-BUCKUP 2009. Diversity and arrangement of the cuticular structures of *Hyaella* (Crustacea: Amphipoda: Dogielinotidae) and their use in taxonomy. ---- *Zoologia 26*, 127-142. (Beautiful SEM pictures!)

ZYTKOWICZ, J. & J. KOBAK 2008. Relationships between the occurrence of *Chaetogammarus ischnus* (Stebbing, 1898) and *Pontogammarus robustus* (G. O. Sars, 1894) (Crustacea, Amphipoda) in a lowland Polish dam reservoir. ---- *Oceanological and Hydrobiological Studies 37*, 39-50.

ZYTKOWICZ, J., J. KOBAK, T. KAKAREKO & A. KENTZER 2008. Species composition and distribution of invasive Ponto-Caspian amphipods in the off-channel microhabitats of a temperate lowland dam reservoir. ---- *International Review of Hydrobiology 93*, 62-72. (A

study from a Polish reservoir, Wloclawek reservoir, with four invasive amphipod species, *Chaetogammarus ischnus*, *Chelicorophium curvispinum*, *Dikerogammarus haemobaphes* and *Pontogammarus robustoides*.)

## NEW AMPHIPOD TAXA IN AN 34

### 1. *Families and subfamilies*

**Hirondelleidae** Lowry & Stoddart, 2009

**Izinkalidae** Lowry & Stoddart, 2010

**Kergueleniidae** Lowry & Stoddart, 2010

**Megalanceolidae** Zeidler, 2009

**Metalanceolidae** Zeidler, 2009

**Mimonecteolidae** Zeidler, 2009

**Prolanceolidae** Zeidler, 2009

**Sophrosynidae** Lowry & Stoddart, 2010

### 2. *Genera and subgenera*

<b>Andeepia</b> Biswas, Coleman & Hendrycks, 2009	Pardaliscidae
<b>Arabunnachiltonia</b> King, 2009	Chiltoniidae
<b>Bathybirubius</b> Senna, 2010	Phoxocephalidae
<b>Clessidra</b> Krapp-Schickel & Vader, 2009	Maeridae
<b>Cochinorchestia</b> Lowry & Peart, 2010	Talitridae
<b>Coxischyrocerus</b> Just, 2009	Ischyroceridae
<b>Cubadeutella</b> Ortiz, Guerra-Garcia & Lalana, 2009	Caprellidae
<b>Fuxigammarus</b> Sket & Fiser, 2009	Anisogammaridae
<b>Paramoera (Ganigomoera)</b> Sidorov, 2010	Eusiridae
<b>Glossomaera</b> Krapp-Schickel, 2009	Maeridae
<b>Graciliphotis</b> Myers, 2009	Photidae
<b>Latigammaropsis</b> Myers, 2009	Photidae
<b>Megalanceoloides</b> Zeidler, 2009	Megalanceolidae
<b>Memana</b> Stoddart & Lowry, 2010	Aristiidae
<b>Pratinas</b> Stoddart & Lowry, 2010	Aristiidae

<b>Pumiliophotis</b> Myers, 2009	Protomedeiinae
<b>Rocasphotis</b> Souza-Filho & Serejo, 2010	Photidae
<b>Rudolphia</b> Grosso & Peralta, 2009	Paraleptamphopidae
<b>Ruffia</b> Bréhier, Vonk & Jaume, 2010	Phreatogammaridae
<b>Tropischyrocerus</b> Just, 2009	Ischyroceridae
<b>Virgammaropsis</b> Myers, 2009	Photidae
<b>Wangiannachiltonia</b> King, 2009	Chiltoniidae
<b>3. Species and subspecies</b>	
<b>abeona</b> Lowry & Stoddart, 2010 ( <i>Clepidocrella</i> )	Kergueleniidae
<b>abyssalis</b> Lörz, 2010 ( <i>Rhachotropis</i> )	Eusiridae
<b>abyssi</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>acromatius</b> Just, 2009 ( <i>Tepidopleustes</i> )	Pleustidae
<b>adela</b> Winfield & Ortiz, 2009 ( <i>Lysianopsis</i> )	Lysianassidae
<b>adelphe</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>aequiserrata</b> Myers & LeCroy, 2009 ( <i>Paradexamine</i> )	Dexaminidae
<b>aiso</b> Souza-Filho & Serejo, 2010 ( <i>Rocasphotis</i> )	Photidae
<b>akantha</b> Stoddart & Lowry, 2010 ( <i>Podoprionoides</i> )	Opisidae
<b>alonso</b> Senna, 2010 ( <i>Coxophoxus</i> )	Phoxocephalidae
<b>alvarezi</b> Winfield, Ortiz & Chazaro-Olvera, 2009 ( <i>Seba</i> )	Sebidae
<b>alyxis</b> Hughes & Lowry, 2009 ( <i>Cymadusa</i> )	Ampithoidae
<b>anastasiae</b> Sidorov, Holsinger & Takhteev, 2010 ( <i>Stygobromus</i> )	Crangonyctidae
<b>anepsia</b> d'Udekem d'Acoz, 2009 ( <i>Liljeborgia</i> )	Liljeborgiidae
<b>angraensis</b> Souza-Filho, Souza & Valerio-Bérardo, 2009 ( <i>Ampelisca</i> )	Ampeliscidae
<b>antennatus</b> Messouli, El Alami El Filali, Coineau & Boutin, 2008 ( <i>Metacrangonyx</i> )	Metacrangonyctidae

<b>antespinosus</b> Sket & Fiser, 2009 ( <i>Fuxigammarus</i> )	Anisogammaridae
<b>antholobae</b> Krapp-Schickel & Vader, 2009 ( <i>Parametopella</i> )	Stenothoidae
<b>appendiculata</b> Ariyama, Angsupanich & Rodcharoen, 2010 ( <i>Kamaka</i> )	Kamakidae
<b>artemis</b> Myers, 2009 ( <i>Virgammaropsis</i> )	Photidae
<b>athenae</b> Myers, 2009 ( <i>Latigammaropsis</i> )	Photidae
<b>atkinsae</b> Lowry & Springthorpe, 2009 ( <i>Tegano</i> )	Melitidae
<b>banksi</b> Taylor, 2009 ( <i>Birubius</i> )	Phoxocephalidae
<b>barbatus</b> Sket & Fiser, 2009 ( <i>Fuxigammarus</i> )	Anisogammaridae
<b>barnardi</b> Lowry & Stoddart, 2009 ( <i>Shoemakerella</i> )	Lysianassidae
<b>bathysciarum</b> d'Udekem d'Acoz, 2009 ( <i>Liljeborgia</i> )	Liljeborgiidae
<b>berardo</b> Senna, 2010 ( <i>Pseudharpinia</i> )	Phoxocephalidae
<b>bet</b> Lowry & Stoddart, 2009 ( <i>Tryphosella</i> )	Lysianassidae
<b>bousfieldi</b> Lowry & Peart, 2010 ( <i>Microrchestia</i> )	Talitridae
<b>bova</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>brucei</b> Lowry & Springthorpe, 2009 ( <i>Talorchestia</i> )	Talitridae
<b>bullae</b> Stoddart & Lowry, 2010 ( <i>Podoprionella</i> )	Opisidae
<b>californica</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>caliginis</b> d'Udekem d'Acoz & Vader, 2009 ( <i>Liljeborgia</i> )	Liljeborgiidae
<b>cameloides</b> Lowry & Stoddart, 2009 ( <i>Tryphosella</i> )	Lysianassidae
<b>campensis</b> Sittrop & Serejo, 2009 ( <i>Lepechinella</i> )	Lepechinellidae
<b>contracta</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>capricornia</b> Lowry & Hughes, 2009 ( <i>Mallacoota</i> )	Maeridae



<b>caribensis</b> Guerra-Garcia, Krapp-Schickel & Müller, 2006 ( <i>Deutella</i> )	Caprellidae
<b>carlsbergi</b> Zeidler, 2009 ( <i>Mimonecteola</i> )	Mimonecteolidae
<b>carolinae</b> Coleman & Lowry, 2009 ( <i>Prosocratus</i> )	Cheirocratidae
<b>casuarina</b> Taylor, 2009 ( <i>Birubius</i> )	Phoxocephalidae
<b>casuarinensis</b> Kilgallen, 2009 ( <i>Podocerus</i> )	Podoceridae
<b>cataraqui</b> Lowry & Stoddart, 2010 ( <i>Clepidocrella</i> )	Kergueleniidae
<b>cavernicola</b> Ortiz, Guerra-Garcia & Lalana, 2009 ( <i>Cubadeutella</i> )	Caprellidae
<b>charlotteae</b> Lowry & Stoddart, 2009 ( <i>Tryphosella</i> )	Lysianassidae
<b>charybdis</b> d'Udekem d'Acoz & Vader, 2009 ( <i>Liljeborgia</i> )	Liljeborgiidae
<b>chathamensis</b> Lörz, 2010 ( <i>Rhachotropis</i> )	Eusiridae
<b>chibcha</b> Guerra-Garcia, Krapp-Schickel & Müller, 2006 ( <i>Tritella</i> )	Caprellidae
<b>cobia</b> Azman, 2009 ( <i>Cyproidea</i> )	Cyproideidae
<b>cobia</b> Krapp-Schickel, 2009 ( <i>Maeropsis</i> )	Maeridae
<b>cohabitus</b> Holsinger, Shafer, Fong & Culver, 2008 ( <i>Gammarus</i> )	Gammaridae
<b>colliboi</b> Lowry & Stoddart, 2010 ( <i>Clepidocrella</i> )	Kergueleniidae
<b>colombiensis</b> Valencia & Alvarez, 2009 ( <i>Chelorchestia</i> )	Talitridae
<b>colombiensis</b> Guerra-Garcia, Krapp-Schickel & Müller, 2009 ( <i>Pseudaeginella</i> )	Caprellidae

<b>convexus</b> Ariyama, 2009 ( <i>Erichthonius</i> )	Ischyroceridae
<b>cooki</b> Taylor, 2009 ( <i>Limnoporeia</i> )	Phoxocephalidae
<b>cornutus</b> Sket & Fiser, 2009 ( <i>Fuxigammarus</i> )	Anisogammaridae
<b>crisianae</b> Souza-Filho, Souza & Valerio-Bérardo, 2009 ( <i>Ampelisca</i> )	Ampeliscidae
<b>curioi</b> Javier & Coleman, 2010 ( <i>Talitrus</i> )	Talitridae
<b>curumim</b> Valerio-Bérardo & Thiago de Souza, 2009 ( <i>Apocorophium</i> )	Corophiidae
<b>cymatilis</b> Lowry & Hughes, 2009 ( <i>Parelasmpopus</i> )	Maeridae
<b>davei</b> Myers, 2009 ( <i>Photis</i> )	Photidae
<b>delicata</b> Lörz, 2010 ( <i>Rhachotropis</i> )	Eusiridae
<b>dentipalma</b> LeCroy, 2009 ( <i>Colomastix</i> )	Colomastigidae
<b>diamantina</b> Lowry & Stoddart, 2009 ( <i>Hirondellea</i> )	Hirondelleidae
<b>dingaal</b> King, 2009 ( <i>Ampelisca</i> )	Ampeliscidae
<b>dionysus</b> Myers, 2009 ( <i>Latigammaropsis</i> )	Photidae
<b>drummondae</b> Kilgallen, 2009 ( <i>Uroh ustorius</i> )	Urohaustoriidae
<b>eden</b> Stoddart & Lowry, 2010 ( <i>Aristias</i> )	Aristiidae
<b>edgari</b> Peart in Hughes & Lowry, 2009 ( <i>Paragrubia</i> )	Ampithoidae
<b>endeavour</b> Lowry & Stoddart, 2009 ( <i>Hirondellea</i> )	Hirondelleidae
<b>epidemus</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae

<b>eumilli</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>eumilli</b> Hughes, 2009 ( <i>Tomituka</i> )	Platyischnopidae
<b>eupraxiae</b> Krapp-Schickel, 2009 ( <i>Metopa</i> )	Stenothoidae
<b>euroka</b> Lowry & Stoddart, 2010 ( <i>Kerguelenia</i> )	Kergueleniidae
<b>excavatus</b> Kilgallen, 2010 ( <i>Aristias</i> )	Aristiidae
<b>exigua</b> Krapp-Schickel, 2009 ( <i>Metopa</i> )	Stenothoidae
<b>exilis</b> Myers & LeCroy, 2009 ( <i>Paradexamine</i> )	Dexaminidae
<b>fantome</b> Peart, in Hughes & Lowry, 2009 ( <i>Sunamphitoe</i> )	Ampithoidae
<b>febras</b> Sidorov, 2009 ( <i>Pseudocrangonyx</i> )	Pseudocrangonyctidae
<b>flynnana</b> Lowry & Stoddart, 2009 ( <i>Tryphosella</i> )	Lysianassidae
<b>fongi</b> Fiser & Zigmajster, 2009 ( <i>Niphargus</i> )	Niphargidae
<b>franklin</b> Lowry & Stoddart, 2009 ( <i>Hirondellea</i> )	Hirondelleidae
<b>frasassianus</b> Karaman, Borowsky & Dattagupta, 2010 ( <i>Niphargus</i> )	Niphargidae
<b>galathea</b> Zeidler, 2009 ( <i>Lanceola</i> )	Lanceolidae
<b>garpoorea</b> Krapp-Schickel, 2009 ( <i>Stenothoe</i> )	Stenothoidae
<b>genaroi</b> Ortiz & Lalana, 2009 ( <i>Caribitroides</i> )	Talitridae
<b>geojeensis</b> Kim, Hendrycks & Lee, 2010 ( <i>Hourstonius</i> )	Amphiloichidae
<b>gerlachae</b> Coleman, 2009 ( <i>Ceina</i> )	Ceinidae
<b>gladius</b> Myers, 2009 ( <i>Bemlos</i> )	Aoridae
<b>goanna</b> Myers & LeCroy, 2009 ( <i>Polycheria</i> )	Dexaminidae

<b>gomoni</b> Stoddart & Lowry, 2010 ( <i>Aristias</i> )	Aristiidae
<b>griffithsi</b> Lowry & Stoddart, 2010 ( <i>Izinkala</i> )	Izinkalidae
<b>gruneri</b> Zeidler, 2009 ( <i>Lanceola</i> )	Lanceolidae
<b>gruneri</b> Yerman & Coleman, 2009 ( <i>Seba</i> )	Sebidae
<b>guzikae</b> King, 2009 ( <i>Wangiannachiltonia</i> )	Chiltoniidae
<b>habanensis</b> Ortiz, Lalana & Varela, 2008 ( <i>Hornellia</i> )	Melphidippidae
<b>hendrickxi</b> Winfield & Alvarez, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>hephaestus</b> Myers, 2009 ( <i>Gammaropsis</i> )	Photidae
<b>hermes</b> Myers, 2009 ( <i>Latigammaropsis</i> )	Photidae
<b>hestia</b> Myers, 2009 ( <i>Latigammaropsis</i> )	Photidae
<b>hipposideros</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>hipposideros</b> Stoddart & Lowry, 2010 ( <i>Normanion</i> )	Opisidae
<b>hirsuta</b> Sittrop & Serejo, 2009 ( <i>Lepechinella</i> )	Lepechinellidae
<b>hoeyae</b> Hughes & Lowry, 2009 ( <i>Cymadusa</i> )	Ampithoidae
<b>hurleyi</b> Kilgallen, 2009 ( <i>Hippomedon</i> )	Tryphosinae
<b>ingridae</b> Biswas, Coleman & Hendrycks, 2009 ( <i>Andeepia</i> )	Pardaliscidae
<b>insidiosa</b> Hughes & Lowry, 2009 ( <i>Aborolobatea</i> )	Oedicerotidae
<b>integricauda</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>inverarae</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>iugum</b> Kilgallen, 2009 ( <i>Hippomedon</i> )	Tryphosinae

<b>ira</b> Lowry & Stoddart, 2010 ( <i>Clepidocrella</i> )	Kergueleniidae
<b>jiigurru</b> King, 2009 ( <i>Ampelisca</i> )	Ampeliscidae
<b>jiigurru</b> Whie & Thomas, 2009 ( <i>Paranamixis</i> )	Leucothoidae
<b>joergpeteri</b> Coleman, 2009 ( <i>Liljeborgia</i> )	Liljeborgiidae
<b>josei</b> Valerio-Bérardo & Thiago de Souza, 2009 ( <i>Monocorophium</i> )	Corophiidae
<b>juliani</b> Coleman, 2009 ( <i>Xystriogidiella</i> )	Bogidiellidae
<b>justi</b> Azman, 2009 ( <i>Amphilochus</i> )	Amphilochidae
<b>kanaka</b> Jaume, Sket & Boxshall, 2009 ( <i>Seborgia</i> )	Sebidae
<b>kanowna</b> Lowry & Stoddart, 2010 ( <i>Kerguelenia</i> )	Kergueleniidae
<b>kapala</b> Lowry & Stoddart, 2009 ( <i>Hirondellea</i> )	Hirondelleidae
<b>karadagiensis</b> Grintsov, 2009 ( <i>Echinogammarus</i> )	Gammaridae
<b>karamani</b> Souza-Filho & Senna, 2009 ( <i>Elasmopus</i> )	Maeridae
<b>kawatiri</b> Lowry & Stoddart, 2010 ( <i>Kerguelenia</i> )	Kergueleniidae
<b>kermadecensis</b> Kilgallen, 2009 ( <i>Ensayara</i> )	Endevouridae
<b>kesanensis</b> Ôzbek & Camur-Elipek, 2010 ( <i>Gammarus</i> )	Gammaridae
<b>khbarnardi</b> Hughes & Lowry, 2009 ( <i>Cymadusa</i> )	Ampithoidae
<b>kingae</b> Taylor, 2009 ( <i>Birubius</i> )	Phoxocephalidae
<b>kirgizi</b> Fiser, Camur-Elipek & Ôzbek, 2009 ( <i>Niphargus</i> )	Niphargidae
<b>koreanus</b> Lee & Hong, 2010 ( <i>Perotripus</i> )	Caprellidae
<b>lacerta</b> Yerman, 2009 ( <i>Netamelita</i> )	Melitidae
<b>lacertus</b> Azman, 2009 ( <i>Amphilochus</i> )	Amphilochidae

<b>laevipalma</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>larsi</b> Lörz, 2009 ( <i>Epimeria</i> )	Epimeriidae
<b>latiquinta</b> Ariyama, 2009 ( <i>Seba</i> )	Sebidae
<b>latisexta</b> Ariyama, 2009 ( <i>Seba</i> )	Sebidae
<b>laurensis</b> Sittrop & Serejo, 2009 ( <i>Lepechinella</i> )	Lepechinellidae
<b>lecroyae</b> Thoma & Heard, 2009 ( <i>Gammarus</i> )	Gammaridae
<b>ledoyeri</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>lejeunei</b> Souza-Filho & Senna, 2009 ( <i>Elasmopus</i> )	Maeridae
<b>leucatensis</b> Bréhier & Jaume, 2009 ( <i>Pseudoniphargus</i> )	Melitidae
<b>leura</b> Lowry & Stoddart, 2010 ( <i>Kerguelenia</i> )	Kergueleniidae
<b>levitelson</b> Myers & LeCroy, 2009 ( <i>Paradexamine</i> )	Dexaminidae
<b>loeffleri</b> Zamanpoore, Grabowski, Poeckl & Schiemer, 2010 ( <i>Gammarus</i> )	Gammaridae
<b>longiseta</b> Kaim-Malka, 2010 ( <i>Haploops</i> )	Ampeliscidae
<b>longisetosum</b> Myers, De-La-Ossa-Carretera & Dauvin, 2010 ( <i>Medicorophium</i> )	Corophiini
<b>lowryi</b> Serejo & Sittrop, 2009 ( <i>Hyachelia</i> )	Hyalidae
<b>lowryi</b> Azman, 2009 ( <i>Narapheonoides</i> )	Cyproideidae
<b>ludmilla</b> Stoddart & Lowry, 2010 ( <i>Pratinas</i> )	Aristiidae
<b>lutensis</b> Hou, Pan & Li, 2010 ( <i>Heterokamaka</i> )	Kamakidae

<b>macayai</b> Lörz, Kilgallen & Thiel, 2010 ( <i>Bircenna</i> )	Eophliantidae
<b>macrodactylus</b> Grosso & Peralta, 2009 ( <i>Rudolphia</i> )	Paraleptamphopidae
<b>margaretae</b> Senna, 2010 ( <i>Bathybirubius</i> )	Phoxocephalidae
<b>makrommatos</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>mariabyrneae</b> Hughes & Lowry, 2009 ( <i>Cymadusa</i> )	Ampithoidae
<b>marina</b> Senna, 2010 ( <i>Leptophoxoides</i> )	Phoxocephalidae
<b>mariolgae</b> Yerman & Coleman, 2009 ( <i>Seba</i> )	Sebidae
<b>marmouchensis</b> Fadil & Dakki, 2006 ( <i>Gammarus</i> )	Gammaridae
<b>massa</b> Myers & LeCroy, 2009 ( <i>Paradexamine</i> )	Dexaminidae
<b>matilda</b> Lowry & Stoddart, 2010 ( <i>Kerguelenia</i> )	Kergueleniidae
<b>mawatarii</b> Tomikawa, Kakui & Yamasaki, 2010 ( <i>Psammogammarus</i> )	Melitidae
<b>mikhaili</b> Sidorov, Holsinger & Takhteev, 2010 ( <i>Stygobromus</i> )	Crangonyctidae
<b>mizani</b> Lim, Azman & Othman, 2010 ( <i>Ceradocus</i> )	Maeridae
<b>montanarius</b> Karaman, Borowsky & Dattagupta, 2010 ( <i>Niphargus</i> )	Niphargidae
<b>moana</b> Kilgallen, 2009 ( <i>Tryphosella</i> )	Tryphosinae
<b>moonamoona</b> Stoddart & Lowry, 2010 ( <i>Podoprionoides</i> )	Opisidae

<b>moorei</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>morenoi</b> Iannilli, Minelli & Ruffo, 2009 ( <i>Haploginglymus</i> )	Niphargidae
<b>morinoi</b> Othman & Azman, 2007 ( <i>Talorchestia</i> )	Talitridae
<b>murphyi</b> King, 2009 ( <i>Arabunnachiltonia</i> )	Chiltoniidae
<b>myersi</b> Azman & Lowry, 2009 ( <i>Bolttsia</i> )	Bolttsiidae
<b>myersi</b> Serejo & Sittrop, 2009 ( <i>Lelehua</i> )	Hyalidae
<b>myslenkovi</b> Sidorov, 2010 ( <i>Paramoera (Ganigomoera)</i> )	Eusiridae
<b>nana</b> Myers, 2009 ( <i>Paracorophium</i> )	Corophiidae
<b>naturaliste</b> Lowry & Stoddart, 2009 ( <i>Hirondellea</i> )	Hirondelleidae
<b>nodderi</b> Coleman & Lörz, 2010 ( <i>Camacho</i> )	Aoridae
<b>noncarinatus</b> Labay, 2010 ( <i>Antarctodius</i> )	Ochlesidae
<b>nowra</b> Stoddart & Lowry, 2010 ( <i>Aristias</i> )	Aristiidae
<b>nudus</b> Just, 2009 ( <i>Cerapus</i> )	Ischyroceridae
<b>ochoticus</b> Labay, 2010 ( <i>Odius cassigerus</i> )	Ochlesidae
<b>odontiskos</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>ohtsukai</b> Tomikawa, 2009 ( <i>Cyphocaris</i> )	Cyphocarididae
<b>orteai</b> Ortiz & Thomas, 2007 ( <i>Cerapus</i> )	Ischyroceridae
<b>ortizi</b> Winfield & Alvarez, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>ossiani</b> d'Udekem d'Acoz & Vader, 2009 ( <i>Liljeborgia</i> )	Liljeborgiidae



<b>oti</b> Taylor, 2009 ( <i>Birubius</i> )	Phoxocephalidae
<b>otway</b> Stoddart & Lowry, 2010 ( <i>Aristias</i> )	Aristiidae
<b>ovata</b> Senna, 2010 ( <i>Pseudharpinia</i> )	Phoxocephalidae
<b>palfreyensis</b> Myers, 2009 ( <i>Aoroides</i> )	Aoridae
<b>parabraziliensis</b> Just, 2009 ( <i>Ericthonius</i> )	Ischyroceridae
<b>parvus</b> Myers, 2009 ( <i>Aoroides</i> )	Aoridae
<b>parvus</b> Taylor, 2009 ( <i>Birubius</i> )	Phoxocephalidae
<b>patagonica</b> Bréhier, Vonk & Jaume, 2010 ( <i>Ruffia</i> )	Phreatogammaridae
<b>peartae</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>petitaserrata</b> Hughes, 2009 ( <i>Synopia</i> )	Synopiidae
<b>pollex</b> Krapp-Schickel, 2009 ( <i>Metopoides</i> )	Stenothoidae
<b>pollexa</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>poorei</b> Stoddart & Lowry, 2010 ( <i>Aristias</i> )	Aristiidae
<b>poorei</b> Lowry & Springthorpe, 2009 ( <i>Floresorchestia</i> )	Talitridae
<b>poorei</b> Coleman & Lowry, 2009 ( <i>Iphimedia</i> )	Iphimediidae
<b>poorei</b> Hughes, 2009 ( <i>Pareiasmopus</i> )	Maeridae
<b>preciosus</b> Wang, Hou & Li, 2009 ( <i>Gammarus</i> )	Gammaridae
<b>processa</b> LeCroy, 2009 ( <i>Colomastix</i> )	Colomastigidae
<b>pseudobicarinata</b> Souza-Filho, Souza & Valerio-Bérardo, 2009 ( <i>Ampelisca</i> )	Ampeliscidae
<b>pugilus</b> Just, 2009 ( <i>Tropischyrocerus</i> )	Ischyroceridae
<b>quadratus</b> Myers & LeCroy, 2009 ( <i>Paradexamine</i> )	Dexaminidae
<b>queenslandicus</b> Myers, 2009 ( <i>Pumiliophotis</i> )	Protomedeiinae
<b>rhizophorae</b> Myers, 2009 ( <i>Grandidierella</i> )	Aoridae

<b>rhombocoxus</b> Just, 2009 ( <i>Coxischyrocerus</i> )	Ischyroceridae
<b>rifatlensis</b> Fadil & Dakki, 2006 ( <i>Gammarus</i> )	Gammaridae
<b>rocasensis</b> Souza-Filho, Souza & Valerio-Bérardo, 2009 ( <i>Ampelisca</i> )	Ampeliscidae
<b>rodondo</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>rossi</b> Lörz, 2010 ( <i>Rhachotropis</i> )	Eusiridae
<b>rudicula</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>ruffoi</b> Lowry & Stoddart, 2010 ( <i>Sophrosyne</i> )	Sophrosynidae
<b>ruthae</b> Myers, 2009 ( <i>Graciliphotis</i> )	Photidae
<b>saepa</b> Myers, 2009 ( <i>Gammaropsella</i> )	Kamakidae
<b>saisensis</b> Fadil, Fadil & Dakki, 2009 ( <i>Chaetogammarus</i> )	Gammaridae
<b>sampsonae</b> Lowry & Springthorpe, 2009 ( <i>Melita</i> )	Melitidae
<b>sanctensis</b> Jaume, Sket & Boxshall, 2009 ( <i>Seborgia</i> )	Sebidae
<b>sarae</b> Souza-Filho & Serejo, 2010 ( <i>Photis</i> )	Photidae
<b>sarda</b> Stoddart & Lowry, 2010 ( <i>Memana</i> )	Aristiidae
<b>saxeta</b> Myers & LeCroy, 2009 ( <i>Paradexamine</i> )	Dexaminidae
<b>schminkei</b> Coleman, 2009 ( <i>Iphimedia</i> )	Iphimediidae
<b>scopicauda</b> Fiser, Coleman, Zgamařster, Zwitter, Gerecke & Sket, 2010 ( <i>Niphargus</i> )	Niphargidae

<b>scopulosa</b> Lowry & Hughes, 2009 ( <i>Mallacoota</i> )	Maeridae
<b>seasana</b> Lowry & Stoddart, 2009 ( <i>Tryphosella</i> )	Lysianassidae
<b>sepidanus</b> Zamanpoore, Poeckl, Grabowski & Schiemer, 2009 ( <i>Gammarus</i> )	Gammaridae
<b>serrata</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>sertaci</b> Fiser, Camur-Elipak & Özbek, 2009 ( <i>Niphargus</i> )	Niphargidae
<b>shirazensis</b> Zamanpoore, Grabowski, Poeckl & Schiemer, 2010 ( <i>Gammarus</i> )	Gammaridae
<b>silvana</b> Myers, 2009 ( <i>Kamaka</i> )	Kamakidae
<b>sindhusagar</b> Horton & Thurston, 2009 ( <i>Hirondellea</i> )	Lysianassidae
<b>slatyeri</b> Lowry & Hughes, 2009 ( <i>Elasmopus</i> )	Maeridae
<b>smilodonta</b> Hughes & Lowry, 2009 ( <i>Cymadusa</i> )	Ampithoidae
<b>solivagus</b> Kilgallen, 2009 ( <i>Galathella</i> )	Uristidae
<b>solivagus</b> Kilgallen, 2009 ( <i>Tottungus</i> )	Urohaustoriidae
<b>songkhlaensis</b> Ariyama, Angsupanich & Rodcharoen, 2010 ( <i>Kamaka</i> )	Kamakidae
<b>sparsa</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>springthorpei</b> Myers, 2009 ( <i>Globosolembos</i> )	Aoridae
<b>talboti</b> Hughes & Lowry, 2009 ( <i>Perioculodes</i> )	Oedicerotidae
<b>taurica</b> Grintsov, 2009 ( <i>Parhyale</i> )	Hyalidae
<b>taylorae</b> Springthorpe & Lowry, 2009 ( <i>Dulzura</i> )	Hadziidae
<b>temimino</b> Senna & Souza-Filho, 2010 ( <i>Lysianassa</i> )	Lysianassidae
<b>tenuis</b> Myers, 2009 ( <i>Chevalia</i> )	Chevaliidae

<b>terraereginae</b> Haswell, 1880 (rev.) ( <i>Talorchestia</i> )	Talitridae
<b>thomasi</b> LeCroy, 2009 ( <i>Colomastix</i> )	Colomastigidae
<b>thula</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>tinggiensis</b> Lim, Azman & Othman, 2010 ( <i>Victoriopisa</i> )	Maeridae
<b>tiunovi</b> Sidorov, 2010 ( <i>Paramoera (Ganigomoera)</i> )	Eusiridae
<b>topkarai</b> Özbek & Balik, 2009 ( <i>Gammarus</i> )	Gammaridae
<b>torbeni</b> Krapp-Schickel, 2009 ( <i>Metopa</i> )	Stenothoidae
<b>trispinosa</b> Bano & Kazmi, 2010 ( <i>Grandidierella</i> )	Aoridae
<b>tropicalis</b> Just, 2009 ( <i>Erichthonius</i> )	Ischyroceridae
<b>tropicalis</b> Hughes & Lowry, 2009 ( <i>Monoculodes</i> )	Oedicerotidae
<b>ударus</b> Hughes, 2009 ( <i>Gibberosus</i> )	Megaluropidae
<b>uncinatus</b> Kilgallen, 2009 ( <i>Podocerus</i> )	Podoceridae
<b>uncinatus</b> Senna & Serejo, 2007 ( <i>Stephonyx</i> )	Uristidae
<b>undulata</b> White & Thomas, 2009 ( <i>Leucothoe</i> )	Leucothoidae
<b>ursus</b> Kilgallen, 2009 ( <i>Ensayara</i> )	Endevouridae
<b>varanocephalensis</b> Lowry & Hughes, 2009 ( <i>Elasmopus</i> )	Maeridae
<b>varanus</b> Myers, 2009 ( <i>Globosolembos</i> )	Aoridae
<b>varanus</b> Taylor, 2009 ( <i>Metaphoxus</i> )	Phoxocephalidae
<b>verrucosa</b> Krapp-Schickel, 2009 ( <i>Stenothoe</i> )	Stenothoidae
<b>vietnamica</b> Jaume, Sket & Boxshall, 2009 ( <i>Seborgia</i> )	Sebidae
<b>vinodolensis</b> Fiser, Sket & Stoch, 2006	Niphargidae
<b>watsonae</b> Lowry & Peart, 2010 ( <i>Microrchestia</i> )	Talitridae
<b>whoi</b> Stoddart & Lowry, 2010 ( <i>Normanion</i> )	Opisidae

**zagrosensis** Zamanpoore, Poeckl, Grabowski & Schiemer, 2009  
(*Gammarus*) Gammaridae

**zeumindi** Yerman & Coleman, 2009 (*Seba*) Sebidae

4. *New taxa in AN 34 ranked taxonomically after families*

Ampeliscidae	<b>Ampelisca angraensis, cristianae, dingaal, jiigurru, pseudobicarinata, rocasensis</b>
	Haploops <b>longiseta</b>
Amphilochidae	Amphilochus <b>justi, lacertus</b>
	Hourstonius <b>geojeensis</b>
Ampithoidae	Cymadusa <b>alyxis, hoeyae, khbarnardi, mariabyrneae, smilodonta</b>
	Paragrubia <b>edgari</b>
	Sunamphitoe <b>fantome</b>
Anisogammaridae	<b>Fuxigammarus antespinosus, barbatus, cornutus</b>
Aoridae	Aoroides <b>palfreyensis, parvus</b>
	Bemlos <b>gladius</b>
	Camacho <b>nodderi</b>
	Globosolembos <b>springthorpei, varanus</b>
	Grandidierella <b>rhizophorae, trispinosa</b>
Aristiidae	Aristias <b>eden, excavatus, gomoni, nowra, otway, poorei</b>
	<b>Memana sarda</b>
	<b>Pratinas ludmilla</b>
Bogidiellidae	Xystrigidiella <b>juliani</b>
Bolttsiidae	Bolttsia <b>myersi</b>
Caprellidae	<b>Cubadeutella cavernicola</b>
	Deutella <b>caribensis</b>
	Perotripus <b>koreanus</b>
	Pseudaeginella <b>colombiensis</b>
	Tritella <b>chibcha</b>
Ceinidae	Ceina <b>gerlachae</b>
Cheirocratidae	Prosocratus <b>carolinae</b>
Chevaliidae	Chevalia <b>tenuis</b>
Chiltoniidae	<b>Arabunnachiltonia murphyi</b>
	<b>Wangiannachiltonia guzikae</b>
Colomastigidae	<b>Colomastix dentipalma, processa, thomasi</b>
Corophiidae	Apocorophium <b>curumim</b>
	Medicorophium <b>longisetosum</b>
	Monocorophium <b>josei</b>
	Paracorophium <b>nana</b>
Crangonyctidae	Stygebromus <b>anastasiae, mikhaili</b>
Cyphocarididae	Cyphocaris <b>ohtsukai</b>
Cyproideidae	Cyproidea <b>cobia</b>
	Narapheonoides <b>lowryi</b>

Dexaminidae	Paradexamine <b>aequiserrata</b> , <b>exilis</b> , <b>levitelson</b> , <b>massa</b> , <b>quadratus</b> , <b>saxeta</b> Polycheria <b>goanna</b>
Endevouridae	Ensayara <b>kermadecensis</b> , <b>ursus</b>
Eophliantidae	Bircenna <b>macayai</b>
Epimeriidae	Epimeria <b>larsi</b>
Eusiridae	Paramoera ( <b>Ganigomoera</b> ) <b>myslenkovi</b> , <b>tiunovi</b> Rhachotropis <b>abyssalis</b> , <b>chathamensis</b> , <b>delicata</b> , <b>rossi</b>
Exoedicerotidae	Parhalimedon <b>kyhursti</b>
Gammaridae	Chaetogammarus <b>saisensis</b> Echinogammarus <b>karadagiensis</b> , <b>parabrasiliensis</b> , <b>tropicalis</b> Gammarus <b>cohabitus</b> , <b>kesanensis</b> , <b>lecroyae</b> , <b>loeffleri</b> , <b>marmouchensis</b> , <b>preciosus</b> , <b>rifatlensis</b> , <b>sepidanus</b> , <b>shirazensis</b> , <b>topkarai</b> , <b>zagrosensis</b>
Hadziidae	Dulzura <b>taylorae</b>
<b>Hirondelleidae</b>	Hirondellea <b>diamantina</b> , <b>endeavour</b> , <b>franklin</b> , <b>kapala</b> , <b>naturaliste</b>
Hyalidae	Hyachelia <b>lowryi</b> Lelehua <b>myersi</b> Parhyale <b>taurica</b>
Iphimediidae	Iphimedia <b>poorei</b> , <b>schminkei</b>
Ischyroceridae	Cerapus <b>nudus</b> <b>Coxischyrocerus rhombocoxus</b> Erichthonius <b>convexus</b> <b>Tropischyrocerus pugilus</b>
<b>Izinkalidae</b>	Izinkala <b>griffithsi</b>
Kamakidae	Gammaropsella <b>saepta</b> Heterokamaka <b>lutensis</b> Kamaka <b>appendiculata</b> , <b>silvana</b> , <b>songkhlaensis</b>
<b>Kergueleniidae</b>	Clepidecrella <b>abeona</b> , <b>cataraqui</b> , <b>colliboi</b> , <b>ira</b> Kerguelenia <b>euroka</b> , <b>kanowna</b> , <b>kawatiri</b> , <b>leura</b> , <b>matilda</b>
Lanceolidae	Lanceola <b>galathea</b> , <b>gruneri</b>
Lepechinellidae	Lepechinella <b>campensis</b> , <b>hirsute</b> , <b>laurensi</b>
Leucothoidae	Leucothoe <b>adelphe</b> , <b>bova</b> , <b>epidemos</b> , <b>eumilli</b> , <b>hendrickxi</b> , <b>hipposideros</b> , <b>laevipalma</b> , <b>makrommatos</b> , <b>odontiskos</b> , <b>ortizi</b> , <b>pollexa</b> , <b>rudicula</b> , <b>serrata</b> , <b>sparsa</b> , <b>thula</b> , <b>undulata</b> Paranamixis <b>jiigurru</b>
Liljeborgiidae	Liljeborgia <b>anepsia</b> , <b>bathysciarum</b> , <b>caliginis</b> , <b>charybdis</b> , <b>joergpeteri</b> , <b>ossiani</b>
Lysianassidae	Hippomedon <b>hurleyi</b> , <b>iugum</b> Hirondellea <b>sindhusagar</b> Lysianassa <b>temimino</b> Lysianopsis <b>adela</b> Shoemakerella <b>barnardi</b> Tryphosella <b>bet</b> , <b>cameloides</b> , <b>charlotteae</b> , <b>flynnana</b> , <b>moana</b> , <b>seasana</b>
Maeridae	Ceradocus <b>mizani</b>

	<b>Clessidra</b>
	Elasmopus <b>karamani, lejeunei, slatyeri, varanocephalensis</b>
	<b>Glossomaera</b>
	Maeropsis <b>cobia</b>
	Mallacoota <b>capricornia, scopulosa</b>
	Parelasmopus <b>cymatilis, poorei</b>
	Victoriopisa <b>tinggiensis</b>
<b>Megalanceolidae</b>	<b>Megalanceoloides</b>
Megaluropidae	Gibberosus <b>ударus</b>
Melitidae	Melita <b>sampsonae</b>
	Netamelita <b>lacerta</b>
	Psammogammarus <b>mawatarii</b>
	Pseudoniphargus <b>leucatus</b>
	Tegano <b>atkinsae</b>
Melphidippidae	Hornellia <b>habanensis</b>
Metacrangonyctidae	Metacrangonyx <b>antennatus</b>
<b>Metalanceolidae</b>	
<b>Mimonecteolidae</b>	Mimonecteola <b>carlsbergi</b>
Niphargidae	Haploginglymus <b>morenoi</b>
	Niphargus <b>fongi, frassianus, kirgizi, montanarius, scopicauda, sertaci, vinodolensis</b>
Ochlesidae	Antarctodius <b>noncarinatus</b>
	Odius cassigerus <b>ochoticus</b>
Oedicerotidae	Aborolobatea <b>insidiosa</b>
	Monoculodes <b>tropicalis</b>
	Perioculodes <b>talboti</b>
Opisidae	Normanion <b>hipposideros, whoi</b>
	Podoprionella <b>bullae</b>
	Podoprionoides <b>akantha, moonamoona</b>
Paraleptamphopidae	<b>Rudolphia macrodactylus</b>
Pardaliscidae	<b>Andeepia ingridae</b>
Photidae	Gammaropsis <b>hephaestus</b>
	<b>Graciliphotis ruthae</b>
	<b>Latigammaropsis athenae, dionysus, hermes, hestia</b>
	Photis <b>davei, sarae</b>
	<b>Rocasphotis aiso</b>
	<b>Virgammaropsis artemis</b>
Phoxocephalidae	<b>Bathybirubius margaretae</b>
	Birubius <b>banksi, casuarinas, kingae, oti, parvus</b>
	Coxophoxus <b>alonso</b>
	Leptophoxoides <b>marina</b>
	Limnoporeia <b>cooki</b>
	Metaphoxus <b>varanus</b>
	Pseudharpinia <b>berardo, ovata</b>
Phreatogammaridae	<b>Ruffia patagonica</b>
Platyschnopidae	Tomituka <b>eumilli</b>
Pleustidae	Tepidopleustes <b>acromatius</b>
Podoceridae	Podocerus <b>casuarinensis, uncinatus</b>
<b>Prolanceolidae</b>	

Protomedeiinae	<b>Pumiliophotis queenslandicus</b>
Pseudocrangonyctidae	Pseudocrangonyx <b>febras</b>
Sebidae	Seba <b>alvarezi, gruneri, latiquinta, latisexta, mariolgae, zeumindi</b>
	Seborgia <b>kanaka, sanctensis, vietnamica</b>
<b>Sophrrosynidae</b>	Sophrrosyne <b>abyssi, californica, cantractia, integricauda, inverarae, ledoyeri, moorei, peartae, rodondo, ruffoi</b>
Stenothoidae	Metopa <b>eupraxiae, exigua, torbeni</b>
	Metopoides <b>pollex</b>
	Parametopella <b>antholobae</b>
	Stenothoe <b>garpoorea, verrucosa</b>
Synopiidae	Synopia <b>petitaserrata</b>
Talitridae	Caribitroides <b>genaroi</b>
	Chelorchestia <b>colombiensis</b>
	<b>Cochinorchestia</b>
	Floresorchestia <b>poorei</b>
	Micrororchestia <b>bousfieldi, watsonae</b>
	Talitrus <b>curioi</b>
	Talorchestia <b>brucei, morinoi, terraereginae</b> (rev.)
Uristidae	Galathella <b>solivagus</b>
	Stephonyx <b>uncinatus</b>
Urohaustoriidae	Tottungus <b>solivagus</b>
	Urohaustorius <b>drummondae</b>