Facebook Amphipod group

With over 140 members, the Amphipoda Facebook page has gone from strength to strength in the past 2 years. It’s a new and dynamic way for the amphipod community to communicate with one another. It provides information, news and sometimes debate about the world of amphipods. Always encouraging to see some new and emerging amphipod taxonomists online providing an extra way to get to know others in your field of work, ‘putting a name to a face’ in between getting together at conferences and meetings. A problem shared is often a problem halved or solved as questions are often posed on the page. This means that others can learn from expert knowledge or advice given in the hope to ensure consistency of information. The group has become key to exchanging papers - we remember getting requests on postcards for papers housed in our respective institutions, gone are those days! Thanks to Murat Özbek who manages the page as always and we urge others to join and contribute to this fantastic group and keep in the loop!

In the future the AN Editors hope to announce each Amphipod Newsletter once published via Amphipoda Facebook in addition to notification in the more traditional email mailing list.
Edward Lloyd Bousfield

Having turned 87 this past June, Ed Bousfield's research continues and he plans on publishing "his final paper" by years end. He says, "this final paper, which has "sand-bagged" me for the past five years, is a comprehensive account of sediment-burrowing pontoporeid amphipods of holarctic marine, brackish, and fresh waters. This group, of which Pontoporeia femorata Kr. is the type species, consisted of less than 10 species in 4-5 genera when I started, but has subsequently ballooned to 40+ spp in 8 genera, mostly new to science. Few specimens (esp. pelagic calceolate terminal males) exist in museum collections (only 200+ specimens in 65 lots) mainly because they are difficult to sample, and have been collected almost entirely during brief ice-free summer months. A few specimens have been taken from fish stomach contents. Nearly all specimens have been immersed in formalin at one time or another and are thus unsuitable for DNA barcoding (genetic) treatment. Only about half a dozen amphipod people (including Cédric d’Udekem d’Acoz) have tackled this group seriously during the past 170+ years. The others were apparently too smart to get involved!"

Ed Bousfield was born in Penticton, B. C., on June 19, 1926, son of the late Reginald Harker, and the late Marjorie Frances (née Armstrong) of Toronto, Ontario. In 1953 he married Barbara Joyce Schwartz, of Halifax, N. S. (deceased 1983) with whom he had four children and nine grandchildren. He was married to Margaret Tuer, Toronto (1984-1992), and in 1994, married Joyce Burton, Ottawa (deceased April, 2009). He attended Riverdale C. I., Toronto (1939 -1944), the University of Toronto (B. A., 1948; M. A., 1949), and Harvard University, Cambridge, MA (Ph.D., 1954).

He has served at the National Museum of Natural Sciences, Ottawa, as Invertebrate Zoologist (1950-1963), as Chief Zoologist (1964-1974), as Senior Scientist (until his formal retirement in 1984), and has since continued variously as Research Associate and Curator Emeritus. During his career he has studied the taxonomy and distribution of aquatic invertebrates on collecting expeditions all over Canada, in Alaska, on coasts of southern US and the Caribbean, in Australia, and on the HUDSON ’70 Expedition in southern South America.

Ed has described (partly co-authored) more than three hundred new crustacean taxa, from species to superfamilies, developed a modern phyletic classification of amphipods, and made major contributions to knowledge of the aquatic fauna of Canada. Since 1955 he and co-workers have conducted extensive field surveys and prepared descriptive papers, especially of North American Pacific amphipods, that form the basis for possible illustrated regional guides. More recently his interests include the classification of Burgess Shale (Middle Cambrian) arthropods, and the biology of marine and freshwater megaserpents, including formal description of Cadborosaurus willsi, Bousfield & LeBlond, 1995.
He has been a member of the Canadian Society of Zoologists since 1962, Archivist, 1971-1992, President, 1979-80, and Honorary member, 1992-present. He is a member of the Crustacean Society, the Estuarine Research Federation, the Brodie Club of Toronto, and an Honorary Member of the Ottawa Field-Naturalists’ Club. His term as Senior Visiting Investigator at the Marine Biological Laboratory on Cape Cod, 1963-1970, led to publication of an illustrated guide to amphipod crustaceans of the North American Atlantic region (1973). In 1971 he was Professeur Visiteur at Laval University in Quebec City, and at various times since 1973 was associated, as Adjunct Professor of Biology, with Carleton University, and with the Universities of New Hampshire, Toronto, and Washington. Over the years he served as external advisor on the degree committees of MSc. and PhD. students in Canada, the United States, and worldwide.

In 1978, Ed was elected Fellow of the Royal Society of Canada, and in 1985, he received the Government of Canada's Outstanding Achievement Award. Since 1984, he has been a Research Associate with the Royal Ontario Museum in Toronto, and from 1990-1995 with the Royal British Columbia Museum in Victoria BC. From 1993 to the present, he has been Managing Editor of Amphipacifica, a journal of aquatic systematic biology. Following hospitalization in 1997, he retired temporarily from science, but in 1999 returned to Ottawa, and later Victoria and Mississauga, for completion of studies on the Pacific fauna, and on sediment-burrowing pontoporeid amphipods of Holarctic waters.

His recreational interests include curling, lawn bowling, and musical instruments. He is a co-founder of the "Victoria Melody Makers" swing orchestra, a former member of the "Aged in Harmony" senior men's musical group of Ottawa, the Songsters group at Somerset House, Dallas Rd., in Victoria B. C. He now resides at the Evergreen senior residence in Mississauga, ON. (Some of the comments above were based in part after E. L. Mills, Canadian Encyclopedia, 1983).

1. When and why did you start studying amphipods?

In October, 1948, my MSc supervisor at U. of T, Dr. A. G. Huntsman, suggested I select a group of aquatic invertebrates as a thesis subject. He led me over to the Royal Ontario Museum where his own career collections were stored, and stopped me in front of the pelagic amphipods of the Belle Isle Strait region. These were mostly hyperiids. The thesis was completed in May, 1949, and published in JFRB 8(3): 134-163, 1951. When I obtained the National Museum curatorship in June, 1950, studying amphipods became my major taxonomic concern, especially when a high percentage of everything I collected in Canadian fresh and salt waters, both east and west coasts, proved new to science. The rest is history.

2. What is/are your favorite amphipod species name?

A difficult choice, but I have long been intrigued by Bob Croker’s very apt generic name Jerbarnia (1971) honouring the most prolific amphipodologist of all time, the late Dr. J. (Jerry) Laurens Barnard. I believe there is also a caprellid amphipod with the
interesting species name “*abracadabra*”.

3. What amphipod appendage(s) do you like illustrating the best?

Another difficult choice because nearly all appendages are interesting in one way or another. My own preference is the antennal calceolus which, grossly similar in structure to a TV antenna, is presumably a microdetector of very high frequency vibrations that are apparently present in waters containing live organisms. The precise origin and nature of such vibrations are as yet unknown, but some are apparently sex-related.

These minute organelles are found only in amphipod crustaceans and only in about 10, mostly primitive, superfamilies of gammarideans whose members tend to mate freely in the water column.

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

The upper and lower lips of amphipods, although easy to illustrate, show relatively few taxonomically significant character states and to me are thus less interesting than other appendages.

5. Where is/are your favorite place(s) to collect amphipods?

I have collected in a great many habitats along temperate and tropical shores, in both northern and southern hemisphere. My own preference is along the rocky shores of the Pacific coast of North America.

6. Places you wished you never tried to collect amphipods?

I am not a speleologist and, although trying it a few times (e.g., successfully in Hawaii), am not by nature drawn to collecting cave amphipods. I am also not drawn to Arctic shores, where speciation is relatively low.

7. Describe/name your most memorable amphipod moment(s)?

Discovering a credible basis for superfamily treatment of gammaridean amphipods (long-known for hyperiids and caprellids) and, with the Bishop museum’s Frank Howarth, finding hypogean talitrid amphipods in a lava tube on the island of Kauai (Hawaii).

8. Describe/name your most memorable amphipod meeting(s)?

Since the early sixties I have attend a number of interesting amphipod meetings. Perhaps the most memorable were the meetings (1) at Schlitz, Germany...
(in 1975), afterwards with a visit to the late Jan Stock’s museum in the Netherlands, and (2) in Cork, Ireland in 2005, where I presented 3 papers and, with my wife Joyce, toured the ruggedly beautiful west coast.

9. How did Amphipacifica get started? And what is the status of this journal?

During the early nineties I was involved (with colleagues) in production of monographic papers on North American Pacific amphipods that proved overly large for standard scientific journals, yet required prompt publication. Hence the start-up of an irregularly published desk-top journal, Amphipacifica. The final issue(s) are to appear later this year (2013).

10. Any other general thoughts/comments?

I can’t believe the Canadian government has paid me, so very well and so long into retirement, for doing something that has been such a life-long challenge and sheer joy to carry out. How lucky can one be?!!

To conclude, Ed mentions “a career in amphipodology at the National Museum of Canada has brought a lifetime of scientific challenge, a host of stimulating colleagues, and much professional happiness. When I took over the museum invertebrate curatorship in June, 1950, only about 2000 species of amphipods in perhaps 70 families had been described. Today, more than 60 years later, and following intense systematic work on the group especially by Jerry Barnard, Jan Stock, Gordan Karaman, John Holsinger, Jim Lowry, Alan Myers, Tom Bowman, Fred Schram, our National Museum group, and many many others too numerous to mention here, the total is now about 9000 species, in two tribes, and more than 40 superfamilies and 140 families. In closing out my work later this year, I am especially grateful to colleagues world-wide who, despite differences of systematic and phyletic opinion, have been most helpful, courteous, and respectful of my own contributions. I cannot imagine a more satisfying and productive life's work. I warmly thank all colleagues for making these contributions possible and sharing their career pleasures with me.”

Thank you Ed!

Please send us suggestions of people whom we should interview next!
From the beginning until now

Most of the taxonomy-oriented amphipodologists work quite a lot with illustrations, and both contemporary style and knowledge with illustration-techniques change. As a new feature in our series of interviews we present one of the first and one of the most contemporary of the illustrations of our interviewee. Here is Ed’s first species (Orchestoidea minor from 1957) and one of the newer.

Many species and at least two genera are named in honour of Ed. One of them is Bouscephalus:

Bouscephalus mamillidacta (Moore, 1992) - 3 mm holotype from Amchitka Island, Alaska originally described in the genus Stegocephalopsis. Berge & Vader, 2001 erected this new genus in honor of Ed Bousfield

Don Steele In Memoriam

Don Steele passed away on March 16, 2013. Don was a prominent amphipod worker, and Amphipod Newsletter would like to give the readers a presentation of his work in the next Amphipod Newsletter. We would also like to bring some nice pictures of Don, and we encourage our readers to send any pictures of him to us. For the official obituary from his home university, the Memorial University of Newfoundland, Canada, see http://www.mun.ca/biology/news.php?id=1768.

D. Steele at the Schlitz-meeting in 1975
Jim Lowry and Alan Myers presented in a paper (Zootaxa 3610 (1), 2013: 001-080) a new classification for a part of the Amphipoda Gammaridea, the Senticaudata. For the convenience of the readers of AN, we present here their Table 1 (pg 20), which shows the classification of the Senticaudata subord. nov.

**Classification of the Senticaudata subord. nov.**

<table>
<thead>
<tr>
<th>Infraorder Carangoliopsida (2 families)</th>
<th>Subfamily Acuminodeutopinae</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parvorder Carangoliopsidira</td>
<td>Subfamily Unciolineae</td>
</tr>
<tr>
<td>Superfamily Carangoliopsideoide</td>
<td></td>
</tr>
<tr>
<td>Family Carangoliopsidiae</td>
<td>Superfamily Cheluroidea</td>
</tr>
<tr>
<td>Family Kairosida</td>
<td>Family Cheluridae</td>
</tr>
<tr>
<td>Infraorder Talitrida (15 families)</td>
<td>Superfamily Chevalioidea</td>
</tr>
<tr>
<td>Parvorder Talitridira</td>
<td>Family Chevaliidae</td>
</tr>
<tr>
<td>Superfamily Biancolinoidea</td>
<td>Superfamily Corphioidea</td>
</tr>
<tr>
<td>Family Biancolinida</td>
<td>Family Ampithoidae</td>
</tr>
<tr>
<td>Superfamily Caspicoloidea</td>
<td>Subfamily Ampithoinae</td>
</tr>
<tr>
<td>Family Caspicolida</td>
<td>Subfamily Exampithoinae</td>
</tr>
<tr>
<td>Superfamily Kurioidea</td>
<td>Family Corphiiida</td>
</tr>
<tr>
<td>Family Kuriida</td>
<td>Subfamily Corphiiinae</td>
</tr>
<tr>
<td>Family Tulearida</td>
<td>Tribe Corphiini</td>
</tr>
<tr>
<td>Superfamily Talitroidea</td>
<td>Tribe Paracorophiiini</td>
</tr>
<tr>
<td>Family Ceinida</td>
<td>Subfamily Proctemecinae</td>
</tr>
<tr>
<td>Family Chiltonida</td>
<td>Parvorder Caprellidira</td>
</tr>
<tr>
<td>Family Dogielinotida</td>
<td>Superfamily Aetiopedesoidea</td>
</tr>
<tr>
<td>Family Eophliantida</td>
<td>Family Aetiopedesidae</td>
</tr>
<tr>
<td>Family Hyalellida</td>
<td>Family Paragammaropsidiae</td>
</tr>
<tr>
<td>Family Hyalida</td>
<td>Superfamily Caprellioidea</td>
</tr>
<tr>
<td>Subfamily Hyacheliinae</td>
<td>Family Caprellida</td>
</tr>
<tr>
<td>Subfamily Hyalinae</td>
<td>Subfamily Caprellinae</td>
</tr>
<tr>
<td></td>
<td>Subfamily Paracercopinae</td>
</tr>
<tr>
<td></td>
<td>Subfamily Phticininae</td>
</tr>
<tr>
<td>Infraorder Corophienda (21 families)</td>
<td>Family Caprogammaridae</td>
</tr>
<tr>
<td>Parvorder Corophidiura</td>
<td>Family Cyamidae</td>
</tr>
<tr>
<td>Superfamily Aorioidea</td>
<td>Family Dulichiidae</td>
</tr>
<tr>
<td>Family Aoridae</td>
<td>Family Podoceridae</td>
</tr>
<tr>
<td>Family Uncioliida</td>
<td>Superfamily Isaeoidea</td>
</tr>
<tr>
<td></td>
<td>Family Isaeida</td>
</tr>
<tr>
<td></td>
<td>Superfamily Microprotopoidea</td>
</tr>
<tr>
<td></td>
<td>Family Microprotopidae</td>
</tr>
<tr>
<td></td>
<td>Superfamily Neomegamphoidea</td>
</tr>
</tbody>
</table>
Family Neomegamphopidae
Family Priscomilitariidae
Superfamily Photoidea
  Family Ischyroceridae
    Subfamily Bonnierellinae
    Subfamily Ischyrocerinae
    Tribe Ischyrocerini
    Tribe Siphonoecetini
Family Kamakidae
  Subfamily Aorchinae
  Subfamily Kamakinae
Family Photidae
Superfamily Rakirooidea
  Family Rakiroidae
Infraorder Hadziida (12 families)
Parvorder Hadziidiira
Superfamily Hadzioidea
  Family Crangoweckeliidae
  Family Eriopisidae
  Family Gammaroporeiidae
  Family Hadziidae
  Family Maeridae
  Family Melitidae
  Family Metacrangonyctidae
  Family Nuuanuidae
Superfamily Calliopioidea
  Family Calliopiidae
  Family Cheirocratidae
  Family Hornellidae
  Family Pontogeneiidae
Infraorder Bogidiellida (3 families)
Parvorder Bogidiellidira
Superfamily Bogidielloidea
  Family Artesiidae
  Family Bogidiellidae
  Family Salentinellidae
Infraorder Gammarida (40 families)
Parvorder Crangonyctidira
Superfamily Allocranguonyctoidea
  Family Allocranguonyctidae
  Family Crymostygiidae
  Family Dussartiellidae
  Family Pseudoniphargidae
  Family Kerguelenioidae
Superfamily Crangonyctoidea
  Family Austroniphargidae
  Family Chillagoeidae
  Family Crangonyctidae
  Family Giniphargidae
  Family Kotumsaridae
  Family Neoniphargidae
  Family Niphargidae
  Family Paracrangonyctidae
  Family Paramelitidae
  Family Perthiidae
  Family Pseudocrangonyctidae
  Family Sandroidae
  Family Sternophysingidae
  Family Uronyctidae
Parvorder Gammaridira
Superfamily Gammaroidea
  Family Acanthogammaridae
  Family Anisogammaridae
  Family Baikalogammaridae
  Family Bathyporeiidae
  Family Behningiellidae
  Family Falklandellidae
  Family Gammararacanthidae
  Family Gammarellidae
  Family Gammaridae
  Family Iphigenellidae
  Family Luciobliviidae
  Family Macrohectopidae
  Family Mesogammaridae
  Family Micruropodidae
  Family Pachyschesidae
  Family Pallaseidae
  Family Paraleptamphopidae
Family Phreatogammaridae
Family Pontogammaridae
Family Sensonatoridae
Family Typhlogammaridae

Incertae Sedis
Family Iciliidae
Family Sanchoïdæ

Figure 9 from Lowry & Myers 2013. Cladogram of relationships of parvorders within the Senticaudata

Short information and news

Checklist for disseminating your publication:

1) send pdf to Ch. Oliver Coleman and to Amphipod Newsletter editors
2) tell Amphipod Facebook group

Upcoming ICAs

XVI ICA - sept 5-10, 2015 Aveiro, Portugal
XVII ICA - 2017 Izmir, Turkey
BIBLIOGRAPHY


ALONSO, G.M. 2012. Amphipod crustaceans (Corophiidea and Gammaridea) associated with holdfasts of Macrocystis pyrifera from the Beagle Channel (Argentina) and additional records from the Southwestern Atlantic. ---- Journal of Natural History 46, (29-30) 1799-1894. DOI: 10.1080/00222933.2012.692825 (This important paper lists many species (see table 1, p.1801) and furnishes descriptions of Aora parda n. sp., Ventojassa beagle n. sp., Oradarea surera n. sp., Erikus lovrichi n. sp., Ensayara gappai n. sp., Lysianopsis ona n. sp., and Heterophoxus despard n. sp., all from the Beagle Channel.)


ARIYAMA, H. 2012. Two new species of the genus Leipsuropus (Crustacea: Amphipoda: Podoceridae) from Japanese and Korean waters. ----- Zootaxa 3485, 41-55. (L. astericolus n. sp. (Oki Strait, Sea of Japan, from the starfish Henricia regularis) and L. hongi n. sp. (off Icju Island, E. China Sea, Korea). A key to Leipsuropus is provides)


ARMONIES, W., C. BUSCHBAUM & M. HELLWIG-ARMONIES 2013. The seaward limit of wave effects on coastal macrobenthos. ----- Helgoland Marine Research, DOI: 10.1007/s10152-013-0364-1 (Sandy bottom in the northern North Sea.)


BAACK, L. J. 2013. A naturalist of the Northern Enlightenment. Peter Forsskål after 250 years. ---- Archives of Natural History 40, 1-19.


BACELA-SPYCHALSKA, K., R. A. WATTIER, C. GENTON & T. RIGAUD 2012. Microsporidian disease of the invasive amphipod Dikerogammarus villosus and the potential for its transfer to local invertebrate fauna. ---- Biological Invasions 14, 1831-1842. (The microsporidian is Cucumispora dikerogammari, not yet found in native gammarids in Poland)


BAIRD, H. P. 2012. Genetic structure, diversity, and population ecology of Antarctic benthic amphipods. ---- Dr. Phil. Thesis, Univ. of Tasmania. (Not seen)

BAIRD, H. P., K. J. MILLER & J. S. STARK 2012. Genetic population structure in the Antarctic benthos: Insights from the widespread amphipod, Orchomenella franklini. ---- PLOS One 7 (3), e 34363. (‘Considerable genetic diversity was revealed.’)


BARNES, R. S. K. & M. K. S. BARNES 2012. Shore height and differentials between macrobenthic assemblages in vegetated and unvegetated areas of an intertidal sandflat. — *Estuarine, Coastal and Shelf Science* 106, 112-120. (A study from N. Stradbroke Island, Qld, Australia.)


BASEN, T., R. GERGS, K.-O. ROTHAUPT & D. MARTIN-CREUZBURG 2013. Phytoplankton food quality effects on gammarids: benthic-pelagic coupling mediated by an invasive freshwater clam. — *Canadian Journal of Fisheries and Aquatic Sciences* 70(2), 198-207. DOI: 10.1139/cjfas-2012-0188 (The test animal was *Gammarus roeseli*, the invasive clam *Corbica fluminea*.)


BASTOS-PEREIRA R. & A. A. de P. BUENO 2012. New species and new report of *Hyalella* S. I. Smith, 1874 (Crustacea: Amphipoda: Dageliotodidae) from Minas Gerais state, Southeastern Brazil. — *Zootaxa* 3350, 58-68. (Deals with *H. carstica* n. sp. (Arcos, Minas Gerais) and *H. longisilla*. A key to Brazilian *Hyalella* is provided.)

BAUERMEISTER, J., K. ASSIG & S. DATTAGUPTA 2013. Exploring the sulfide tolerance of ectosymbiotic *Niphargus* amphipods from the Frasassi caves, central Italy. — *International Journal of Speleology* 42, 141-145. (Sulfide tolerance is exceptionally high, also in specimens without bacterial coating.)

BAUERMEISTER, J., A. RAMETTE & S. DATTAGUPTA 2012. Repeatedly evolved host-specific ectosymbioses between sulfur-oxidizing bacteria and amphipod living in a cave ecosystem. — *PLOS One* 7 (11), e50254. (All three *Niphargus* species in the Frasassi caves in Italy harbor *Thiothrix* ectosymbionts, of three different clades.)


BERGE, J. & J. NAHRGANG 2013. The Atlantic spiny lumpsucker Eumicrotremus spinosus: life history traits and the seemingly unlikely interaction with the pelagic amphipod Themisto libellula. ---- Polish Polar Research DOI: 10.2478/popore-2013-0013 (These lumpsuckers fed almost exclusively on Themisto!)


BESSA, F., D. CUNHA, S.C. GONCALVES & J. C. MARQUES 2013. Sandy beach macrofaunal assemblages as indicators of anthropogenic impacts on coastal dunes. ---- Ecological Indicators 30, 196-204. (A Portuguese study.)


BICK, A. & G. ARLT 2013. Description of intertidal macro- and meio benthic assemblages in Maxwell Bay, King George Island, South Shetland islands, Southern Ocean. ---- Polar Biology 36, 673-689 (Six amphipod species listed in Table 1, p. 677.)


BLASCO-COSTA, I., A. V. KOEHLER, A. MARTIN & R. POULIN 2013. Upstream-downstream gradient in infection levels by fish parasites: a common river pattern? ---- Parasitology 140(2), 266-274. doi: 10.1017/S0031182012001527. (A New Zealand study on four trematodes, one of which has Paracalliope fluviatilis as second intermediate host.)

BODIS, E., P. BORZA, I. POTYO, M. PUKY, A. WEIPERTH & G. GUTI 2012. Invasive mollusc, crustacean, fish and reptile species along the Hungarian stretch of the river Danube and some connected waters. ---- Acta Zoologica Academiae Hungaricae 58 (Suppl.), 29-45. (Nine amphipod species dealt with.)

BOETS, P., G.J.E. HOLGUN, K. LOCK & P.L.M. GOETHALS 2012. Data driven habitat analysis of the Pontos-Caspian amphipod Dikerogammarus villosus in two invaded regions in Europe. ---- Ecological Informatics, http://dx.doi.org/10.1016/j.ecoinf.2012.07.001 (The two invaded areas are Flanders (Belgium) and Croatia.)


BOPIAH, A. & L. E. HUGHES 2013. New species and records of Mallacoota from the South Pacific (Maeridae: Amphipoda: Peracarida). ---- Marine Biodiversity Records 6, e43 (16pp) (Deals with M. capricornia, M. chiltoni, M. lifou n. sp. (Lifou Isl., Loyalty islands), M. mizegwaden n. sp. (Madang Lagoon, PNG), M. nananui, M. sinus and M. xepenehe n. sp. (Lifou Isl., Loyalty islands)


BÖTTGER, R., J. SCHALLER & S. MOHR 2012. Closer to reality—the influence of toxicity test modifications on the sensitivity of Gammarus roeseli to the insecticide imidacloprid. ---- Ecotoxicity and Environmental Safety 81, 49-54.


BRANDT, A., M. BLAZEWICZ-PASKOWYCZ, R. N. Bamber, U. MÜHLENHARDT-SIEGEL, M. V. M Alyutina, S. KAISER, C. DE BROYER & C. HAVERMANS 2012. Are there widespread peracarid species in the deep sea? ---- Polish Polar Research 33, 139-162. (Yes, there are a few, but not all that many.)


BROWN, B. V. 2013. Automating the “Material examined” section of taxonomic papers to speed up species descriptions. ---- Zootaxa 3683, 297-299.

BUCKLEY, T. R., R. L. PALMA, P. M. JOHNS, D. M. GLEESON, A. C. G. HEATH, R. A. HITCHMOUGH & I. A. N. STRINGER 2012. The conservation status of small or less well known groups of New Zealand terrestrial invertebrates. ---- New Zealand Entomologist 35, 137-143. (i.a. the land amphipod Tara taranaki.)

BUNDSCUH, M., R. GERGS, S. SCHADT & R. SCHULZ 2013. Do differences in sensitivity between native and invasive amphipods explain their coexistence in Lake Constance? A case study with lambda-cyhalothrin. ----
Chemosphere, 92(5), 483-489. (The invasive species is Dikerogammarus villosus, the native one Gammarus roeselii. The invasive species has a 5-fold higher tolerance to the chemical.)


BUNDSCHUH, M., J.P. ZUBROD & R. SCHULZ 2011. The functional and physiological status of Gammarus fossarum (Crustacea; Amphipoda) exposed to secondary treated wastewater. ---- Environmental Pollution 159, 244-249.


BYERS, J. E., P. E. GRIBBEN, C. YEAGER & E. T. SOTKA 2012. Impacts of an abundant introduced ecosystem engineer within mudflats of the southeastern US coast. ---- Biological Invasions, 14, 2587-2600. (The invader is the red alga Gracilaria vermiculophylla.)


CAIRES, A. M., S. CHANDRA, B. L. HAYFORD & M. E. WITTMANN 2013. Four decades of change: dramatic loss of zoobenthos in an oligotrophic lake exhibiting gradual eutrophication. ---- Freshwater Science 32, 692-705. (Lake Tahoe, California)

CAMPANA, O., S. L. SIMPSON, D. A. SPADAROT & J. BLASCOT 2012. Sub-lethal effects of copper to benthic invertebrates explained by sediment properties and dietary exposure. ---- Environmental Science and Technology, 46(12), 6835-6842. (Melita plumulosa one of test animals.)
CARRASCO NAVARRO, V., M. T. LEPPÄNEN, J..V.K. KUKKONEN & S. GODOY OLMES 2012. Trophic transfer of pyrene metabolites between aquatic invertebrates. ---- Environmental Pollution 173, 61-67. (With Gammarus setosus as the predator.)


CASALE, P., M. d’ADDARO, D. FREGGI & R. ARGANO 2012. Barnacles (Cirripedia, Thoracica) and associated epibionts from sea turtles in the central Mediterranean. ---- Crustaceana 85, 533-549. (Not seen; three amphipod species found.)


CERDA, O., I. A. HINOJOSA & M. THIEL 2010. Nest-building behavior by the amphipod Peramphithoe femorata (Krøyer) on the kelp Macrocystis pyrifera (Linnaeus) C. Agardh from North-Central Chile. ---- Biological Bulletin 218, 248-258.


CHATTERJEE, T., G. FERNANDEZ-LABORANS & A. R. SENNA 2013. Ciliate epibionts on *Melita petronioi* Senna et al., 2012 (Crustacea, Amphipoda) from Brazil. ---- *Cahiers de Biologie Marine* 54, 393-404. (Conidophrys pilisuctor and Zoothamnium sp.)


CHRISTODOULOU, M., S. PARASKEVOPOULOU, Z. SYRANIDOU & A. KOUKOURAS 2013. The amphipod (Crustacea: Peracarida) fauna of the Aegean Sea, and comparison with those of the neighbouring seas. ---- *Journal of the Marine Biological Association UK*, 93(5), 1301-1327. (With a complete checklist of Mediterranean amphipods, and many new records for the Aegean Sea. *Bemlos leptocheirus*, *Linguimaera caesarea* and *Photis lamellifera* are considered Lessepsian migrants.)


CHUNG, P. P., R. V. HYNE, R. M. MANN & J. W. O.BALLARD 2013. The impact of historic isolation on the population biogeography of *Melita plumulosa* (Crustacea: Melitidae) in eastern Australia. ---- *Estuarine, Coastal and Shelf Science*, 129, 198-205. (Divided into an eastern and a southern clade.)


COLEMAN, C. O. & J. K. LOWRY 2012. Revision of the genus *Iphiseatia* (Crustacea, Amphipoda, Phliantidae) from Australia. ---- *Zootaxa* 3393, 1-26. (Deals with *Iphiseatia marleneae* n. sp. (Ningaloo Reef, W. Austr.), *I. whiteleggei*, *I. jakei* n. sp. (Port Phillip Bay, Vict.), and *I. verenae* n. sp. (Port Campbell, Vict.). A key to all species is provided.)
COLEMAN, C. O. & J. K. LOWRY 2012. Two new species of Gabophlias (Crustacea, Amphipoda, Phthirantidae) from Australia. — Zootaxa 3441, 21-35. (Deals with G. gabiae n. sp. (Port Campbell, Vic.) and G. kerstinae (Michaelmas island, W. Austr.) A key to all three Gabophlias is provided.)

COLEMAN, C. O. & J. K. LOWRY 2012. The genus Pereionotus (Crustacea, Amphipoda, Phthirantidae) from Australia. — Zootaxa 3486. (Deals with P. thomsonii, P. dieteri n. sp. (New Year Island, NT), P. harmuti n. sp. (Northwest islet, Torres Str., Qld), P. yongensis n. sp. (Lizard Island, Qld) and P. hirayamai n. sp. (Tomioka Bay, Japan), earlier described as Palinnotus thomsonii japonica, a homonym. A key to Australian Pereionotus spp is provided)


COOPER, J. E., E. WALLQUIST, K. T. HOLECK, C. E. HOFFMAN, E. L. MILLS & C. M. MAYER. Density and distribution of amphipods in Oneida Lake, New York, after the introduction of the exotic amphipod Echinogammarus ischnus. — Northeastern Naturalist 19, 249-266. (E. ischnus only established in nearshore zone.)


CORTE, G. N., M. C. do NASCIMENTO, L. LAVANI & F. P. P. LEITE 2013. (Crustacean species associated with Ulva spp. on the beaches with different environmental characteristics.) — Bioikos, Campinas 26, 101-111 (In Portuguese.)
COSTELLO, M. J., P. BOUCHET, G. BOXSHALL, K. FAUCHALD, D. GORDON, B. W. HOEK, S. STÖHR, T. C. WALTER, B. VANHOORNE, W. DECOCK & W. APPELTANS 2013. Global coordination and standardization biodiversity through the World Register (WoRMS) and related databases. ---- PLOS One 8 (1), e51629, 19pp


CULVER, D. C., J. C. HOLSINGER & D. J. FELLER 2012. The fauna of seepage springs and other shallow subterranean habitats in the Mid-Atlantic Piedmont and coastal plain. ---- Northeastern Naturalist 19, 1-42. (With 13 Stygobromus species.)


DEGRAER, S., R. BRABANT & B. RUMES (eds) 2012. Offshore wind farms in the Belgian part of the North Sea: heading for an understanding of environmental impacts. ---- Royal Belgian Institute of Natural Sciences, Management Unit of the North Sea Mathematical Models, ecosystem management unit. 155 pp+ annexes. (With many papers full of informations on the fauna of the area, incl. a species list of the soft bottom fauna.)


De los RIOS-ESCALANTE, P., A. MANSILLA & C. B. ANDERSON 2012. Revisión de la distribución de Hyalella Smith, 1874 (Crustacea, Amphipoda) en la Patagonia e islas adyacentes. Latin American Journal of Aquatic Sciences 40, 462-466 (Revision of the distribution of Hyalella smith, 1874 (Crustacea, Amphipoda) in Patagonia and the adjacent islands)


DERRY, A. M., A. M. KESTRUP & A. P. HENDRY 2013. Possible influences of plasticity and genetic/maternal effects on species coexistence: native Gammarus fasciatus facing exotic amphipods. ---- Functional Ecology, in press. DOI: 10.1111/1365-2435.12105 (The exotic amphipod in this study is Echinogammarus ischnus.)


DI CAMILLO, C. G., G. GIORDANO, M. BO, F. BETTI, M. MORI, S. PUCE & G. BAVESTRELLO 2013. Seasonal patterns in the abundance of Ectopleura crotea (Cnidaria: Hydrozoa) on a shipwreck in the Northern Adriatic. ---- Marine Ecology 34, Suppl. 1, 25-32. (Jassa and Monocorophium were eaten, whereas Stenothoe valida could move at will over the hydranths without causing any cnidocyst discharge)

DIANNE, L., L. BOLLACHE, V. LAGRUE, N. FRANCESCHI & T. RIGAUD 2012. Larval size in acanthocephalan parasites: influence of intraspecific competition and effects on intermediate host behavioural changes. ---- Parasites and Vectors 5, 166, 7pp. (Pomphorhynchus laevis in Gammarus pulex.)


DING, Y., P. F. LANDRUM, J. YOU, A. D. HARWOOD & M. J. LYDY. 2012. Use of solid phase microextraction to estimate toxicity: Relating fiber concentrations to toxicity—part I. ---- Environmental Toxicology and Chemistry 31 (9), 2159-2167.(Hyalella azteca one of two test animals)


DO, V. T., H. BLANCHET, X. de MONTAUDOUIN / N. LAVESQUE 2013. Limited consequences of seagrass decline on benthic macrofauna and associated biotic indicators. ---- Estuaries and Coasts 36, 795-807. (Amphipods listed in Table 3.)

DOBRYCKA-KRAHEL, A., A. TARALA & A. CHABOWSKA 2012. Expansion of alien gammarids in the Vistula Lagoon and the Vistula Delta (Poland). ---- Environmental Monitoring and Assessment 185, 5165-5175. (The amphipods are Pontogammarus robustoides, Obesogammarus crassus, Dikerogammarus haemobaphes and Gammarus tigrinus.)


DOVGAL, I. V. & R. MAYÉN-ESTRADA 2013. Comparative morphology of Dendrocometes paradoxus (Ciliophora, Suctoria) from two distant regions (Ukraine and Mexico) and different host species. ---- Vestnik Zoologii 47, e47-e53. (The hosts were various Gammarus species—G. balcanicus, G. kischineffensis and G. lacustris— in Ukraine, and Hyalella azteca in Mexico.)


DUFFY, G. A., T. HORTON & D. S. M. BILLETT 2012. Deep-sea scavenging amphipod assemblages from the submarine canyons of the Iberian Peninsula. ---- Biogeosciences Discussions 9, 7831-7851. (Seven species, with Paralicella caperesca and Eurythenes gryllus as the most common. A new Cyclocaris sp was also found.)


DUGAN, J. E., D. M. HUBBARD & B. J. QUIGLEY 2013. Beyond beach width: steps toward identifying and integrating ecological envelopes with geomorphic features and datums for sandy beach ecosystems. ---- Geomorphology, in press. (A S. California study, involving i.a. Megalorchestia spp and Talitrus saltator.)


DURIEUX, R., T. RIGAUD & V. MÉDOC 2012. Parasite-induced suppression of aggregation under predation risk in a freshwater amphipod. Sociality of infected amphipods. ---- Behavioural Processes 91, 207-213. (Gammarus pulex, infected by the acanthocephalan Pomphorhynchus laevis, show much less aggregation than uninfected amphipods)

DVORETSKY, A. G. & V. G. DVORETSKY 2012. New data on the symbiosis of Ischyrocerus amphipods colonizing the eggs of the host species, Red King Crab. ---- Doklady Biological Species 445, 255-257. (I. commensalis in the Murmansk region is NOT an important egg-predator)


ELLIS, J. R., I. MARTINEZ, G. J. BURT & B. E. SCOTT 2013. Epibenthic assemblages in the Celtic Sea and associated with the Jones Bank. ---- Progress in Oceanography, in press. (Mostly megafauna)


ENGELEN, A. H., A. L. PRIMO, T. CRUZ & R. SANTOS 2012. Faunal differences between the invasive brown macroalga Sargassum muticum and competing native macroalgae. ---- Biological Invasions 15, 171-183. (A study from S. Portugal)


FERNANDEZ-LABORANS, G., P. DAVILA, E. CEREZO & C. CONTRERAS 2012. Epibiosis and hyperepibiosis on Pagurus bernhardus (Crustacea; Decapoda) from the west coast of Scotland. ---- Journal of the Marine Biological Association UK 93, 1351-1362. (with i.a. Podoceropsis nitida)

FILIPOVIC MARIJIC, V., Z. DRAGUN, N. KRASTNICI, R. MATONICKIN KEPCIJA, I. VARDIC SMRZLIC, D. KAPETANOVIC & D. VALIC 2012. Cytosolic protein concentrations and metal distribution in acanthocephalans, as potential indicators of metal exposure, their intermediate (crustacean Gammarus fossarum) and definitive host (fish


FIŠER, C., M. ZAGMAJSTER & R. L. FERREIRA 2013. Two new Amphipod families recorded in South America shed light on an old biogeographical enigma. ---- Systematics and Biodiversity 11(2), 117-139. (An important paper, thoroughly discussing competing theories on the origin and history of freshwater amphipods in South America and surveying the occurrence of amphipod families in that area. The new taxa are Seborgia potiguar n. sp. (Caverna da Agua cave, Rio Grande do Norte, Brazil) in the Seborgiidae, and Potiberaba porakuara n. gen, n. sp. (Tres Lagos cave, Rio Grande do Norte, Brazil), which the authors after much discussion assign to the family Mesogammaridae.)


FLOT, J.-F. & D. WEBER 2013. Amphipods from caves of the Grand Duchy of Luxembourg. ---- Ferrantia 69, 186-190. (Gammarus fossarum, G. pulex and Niphargus schellenbergi.)


FOUCREAU, N., S. PUIJALON, F. HERVAT & C. PISCART 2013. Effect of leaf litter characteristics on leaf conditioning and on consumption by Gammarus pulex. ---- Freshwater Biology 58 (8), 1672-1681.


FOX, S. E., M. TEICHBERG, I. VALIELA & L. HEFFNER 2012. The relative role of nutrients, grazing, and predation as controls on macroalgal growth in the Waquoit Bay estuarine system. ---- Estuaries and Coasts 35, 1193-1204.

FRANK, S. N., S. GODEHARDT, M. NACHEV, A. TRUBIROHA, W. KLOAS & B. SURES 2013. Influence of the cestode Ligula intestinalis and the acanthocephalan Polymorphus minutus on levels of heat shock protein (HSP70) and metallothioneins in their fish and crustacean intermediate hosts. ---- Environmental Pollution 180, 173-179. (Gammarus fossarum)

FRUTOS, I. & J.C. SORBE 2012. Leucothoe cathala sp. nov. (Crustacea: Amphipoda: Leucothoidae), a new bathyal benthic species from the Le Danois Bank (‘El Cachucho’ Spanish MPA), southern Bay of Biscay. — Journal of the Marine Biological Association of the UK 93, 659-666. (Leucothoe cathala sp. nov. described, and an identification key to the deep Atlantic European species of Leucothoe is provided)


GALLARDO, B., M. P. ERREN & D. C. ALDRIDGE 2012. Application of bioclimatic models coupled with network analysis for risk assessment of the killer shrimp, Dikerogammarus villosus, in Great Britain. — Biological Invasions 14, 1265-1278. (‘The species is very likely to continue its spread in Great Britain, dramatically affecting the native biodiversity.’)


GESSNER, M. O. & J. HINES 2012. Stress as a modifier of biodiversity effects on ecosystem processes? — Journal of Animal Ecology 81, 1143-1145. (Comments on the paper by Fugère et al., 2012 in the same journal)


GHAREYAZIE, B. & A. MOTTAGHI 2012. Studing (sic) Pontogammarus maetoticus among Southern coast of Caspian Sea. — Middle-East Journal of Scientific Research 12, 1484-1487. (This is a study of the genetic variation in four populations; no significant polymorphisms)


GLAZIER, D. S., T. I. BROWN & A. T. FORD 2012. Similar offspring production by normal and intersex females in two populations of Gammarus minus (Malacostraca, Amphipoda) with high levels of intersexuality. — Crustaceana 85, 901-815. (Not seen)


GOLOVAN, O., M. BLAZEWICZ-PASZKOWYCZ, A. BRANDT, L. L. BUDNIKOVA, N. O. ELSNER, V. V. IVIN, A. V. LAVRENTEVA, M. V. MALYUTINA, V. V. PETRYASHOV & L. A. TZAREVA 2012. Diversity and distribution of peracarid crustaceans (Malacostraca) from the continental slope and the deep-sea basin of the Sea of Japan. — Deep-Sea Research II 86/87, 66-78. (65 spp of amphipods are listed in Table 2, often with provional identifications.)


GOMEZ, J. & O. DEFEO 2012. Predictive distribution modeling of the sandy-beach supralittoral amphipod Atlantorchestoidea brasiliensis along a macroscale estuarine gradient. ---- *Estuarine, Coastal and Shelf Science* 98, 84-93. (Not seen)

GOMEZ, J. & O. DEFEO 2012. Predictive distribution modeling of the sandy-beach supralittoral amphipod Atlantorchestoidea brasiliensis along a macroscale estuarine gradient. ---- *Estuarine, Coastal and Shelf Science* 98, 84-93. (Not seen)

GONCALVES, S. C., P. M. ANASTACIO & J. C. MARQUES 2013. Talitrid and tyld crustaceans bioecology as a tool to monitor and assess sandy beaches' ecological quality condition. ---- *Ecological Indicators* 29, 549-557. (*Studies of i.a. Talitrus saltator and Talorchestia brito in Portugal and the Mediterranean.)*

GONZALO, C. & J. A. CAMARGO 2013. The impact of an industrial effluent on the water quality, submersed macrophytes and benthic macroinvertebrates in a dammed river in Central Spain. ---- *Chemosphere*, in press (*Echinogammarus calvus* is very sensitive to fluoride ions.)


GOROKHOVA, E., M. LÖF, M. REUTGARD, M. LINDSTRÖM & B. SUNDELIN 2013. Exposure to contaminants exacerbates oxidative stress in amphipod Monoporeia affinis subjected to fluctuating hypoxia. ---- *Aquatic Toxicology* 127, 46-53.

GOTTSTEIN, S., F. KR SINIC, I. TERNJEJ, N. CUKROV, P. KUTLESA & B. JALZIC 2012. Shedding light on crustacean species diversity in the anchialine caves of Croatia. ---- *Natura Croatica* 21, Suppl. 1, 54-58. (Five amphipod spp listed in Table 2)


GRABOWSKI, M., T. REWICZ, K. BACELA-SPYCHALSKA, A. KONOPACKA, T. MAMOS & K. JAZDZEWSKI, 2012. Cryptic invasion of Baltic lowlands by freshwater amphipod of Pontic origin. ---- *Biological Invasions* 7, 337-346. (This is Gammarus varsoviensis, now recognized as a Pontic invader)

GRAENING, G. O., D. C. ROGERS, J. R. HOLSINGER & C. BARR 2012. Checklist of inland aquatic Amphipoda (Crustacea: Malacostraca) of California. ---- *Zootaxa* 3544, 1-27. (Deals with 62 species, including 7 Stygobromus spp still to be described. Brackish waters are included in this checklist)

GUBAN, P. I. 2011. Spatial genetic structure in Monoporia affinis in contaminated and uncontaminated localities in the Baltic Sea. ---- Examen Population Genetics, Univ. of Stockholm (Not seen)


GUERRA-GARCIA, J. M. & J. E. SANCHEZ-MOYANO 2013. Spatio-temporal distribution of the Caprellidae (Crustacea: Amphipoda) associated with the invasive seaweed Asparagopsis armata Harvey in the Southern Iberian Peninsula. ---- Zoologia Baetica 24, 3-17. (Eight caprellid species found.)


HEKMATARA, M., V. ZAKSEK, M. HEIDARI BALADEHI & C. FISER 2013. Two new species of Niphargus (Crustacea: Amphipoda) from Iran. ---- Journal of Natural History 47, 21-22. (Deals with N. khayyami n. sp. (Kermanshah Prov.) and N. khwarizmi n. sp. (140km N of Tabriz, E. Azarbaijan Prov.).)

HELLMANN, C., B. WISSEL & C. WINKELMANN 2013. Omnivores as seasonally important predators in a stream food web. ----Freshwater Science 32, 548-562. (i.a. Gammarus pulex)


HIPFNER, J. M., B. ADDISON & M. R. CHARETTE 2012. Dietary segregation between two cohabiting species of sparrows revealed with stable isotope analysis. ---- *Canadian Journal of Zoology*, in press. (On a Br. Columbian island, both Fox and Song Sparrows feed i.a. on amphipods in the intertidal zone.)


HORTON, T. & M. THURSTON 2013. *Hirondella namarensis* (Crustacea: Amphipoda: Lysianassoidea: Hirondelleidae), a new deep-water scavenger species from the Mid-Atlantic Ridge. ---- *Marine Biology Research* 9:5-6, 554-562. (From 49°01’N, 27° 42’W, 2627m. A key to all *Hirondella* species is provided.)

HORTON, T., M. H. THURSTON & G. A. DUFFY 2013. Community composition of scavenging amphipods at bathyal depths on the Mid-Atlantic ridge. ---- *Deep-Sea Research II*, in press. (Amphipods listed in Table 1)

HOU, Z., J. LI & S. LI 2013. Ten new *Gammarus* species (Crustacea: Amphipoda: Gammaridae) from Yunnan-Guizhou Plateau, China. ---- *Zootaxa* 3687, 1-95. (Deals with *G. amabilis* n. sp., a blind species ( a cave in Dashi river, Guizhou), *G. citatus* n. sp. (Lamping Co, Yunnan), *G. echinatus* n. sp. (Heqing Co, Yunnan), *G. egregius* n. sp. (Ninglang Co, Yunnan), *G. eliquatus* n. sp. (Xiaguan, Yunnan), *G. hirtellus* n. sp. (blind, cave in Meitan Co., Guizhou), *G. margomosos* n. sp. (Qujing, Yunnan), *G. rivalis* n. sp. (Xundian Co, Yunnan), *G. silendus* n. sp. ( blind, cave in Xishui Co., Guizhou) and *G. tranquillus* n. sp. ( cave in Suiyang Co., Guizhou), another blind species. A key to all *Gammarus* species in the area is also provided.)


HUGHES, L. E. 2012. New and little-known Podoceridae (Peracarida: Amphipoda) of southern Australia. ---- *Records of the Australian Museum* 64, 71-120. (Deals with Cyrtophium minutum, Leipsuropus parasiticus, Podocerus akanthius n. sp. (Twofold Bay, NSW), *P. dentatus, P. hystrix, P. inconspicuus, P. lobatus, P. manawatu, P. oliphant* n. sp. (St Helen’s Point, Tas.), *P. tamoshanta* n. sp. (Ulladulla, NSW), *P. vulgaris* n. sp. (Ulladulla, NSW), and *P. wanganui*.)
HUGHES, L. E. 2013. Podoceridae of tropical Australia (Peracarida: Amphipoda). —*Records of the Australian Museum* 65, 1-37. (Deals with *Laetmatophilus dabberi, L. triceratops* n. sp. (Arafura Sea, 9°22’S, 133°40’E), *Podocerus clavicarius* n. sp. (Dampier Arch., W. Austr.), *P. cf. crenulatus, P. ferreus* n. sp. (Darwin, NT), *P. hanapepe, P. lobatus, P. miscix* n. sp. (Bedout Island, W. Austr.), *P. orontes* n. sp. (Cobourg peninsula, NT), *P. rockingham* n. sp. (Cape Peron, W. Austr.), *P. talegus lawai, P. walker* (with *P. sandroruffoi* and *P. andamanensis* s. Wongkamhaeng et al. 2009 as junior synonyms), and *P. zeylanicus*.)

HUGHES, L. & A. BOPIAH 2013. New species of *Nuuanu* (Amphipoda: Nuuanuidae) from Norfolk Island, Torres Strait and the Cocos (Keeling) Islands. —*Zootaxa* 3641, 165-176. (Deals with *Nuuanu merringanee, N. quintalana* n. sp. (Norfolk Isl.), *N. stuekeyorum* n. sp. (Cocos (Keeling) Islands) and *N. tilaseyi* n. sp. (Hawkesbury Isl., Torres Strait))

HUGHES, L. & A.-N. LÖRZ 2013. Family placement of the enigmatic *Otagia neozeolanica* (Chilton, 1897) Haustoriidea: Otagiidae fam. nov. (Amphipoda: Crustacea). —*Zootaxa* 3636, 439-450. (With an extensive discussion and a key to all Haustoriidea families.)

HURT, C., S. H. D. HADDOCK & W. E. BROWNE 2013. Molecular phylogenetic evidence for the reorganization of the Hyperiid amphipods, a diverse group of pelagic crustaceans. —*Molecular Phylogenetics and Evolution* 67, 28-37. (A most interesting and important paper, suggesting several changes in the traditional classification of the Hyperiidea.)


JAUME, D. & R. VONK 2012. Discovery of *Metacrangonyx* in inland groundwaters of Oman (Amphipoda: Gammaridea: Metacrangonyctidae). ---- *Zootaxa* 3335, 54-68. (Deals with *M. dhofarensis* n. sp. (Dhofar Governorate, Oman), characterized by a sexually dimorphic P.4. It is the easternmost reported *Metacrangonyx* species.)


JELASSI, R. & K. NASRI-AMMAR 2012. Temporal variation in the shore amphipod community in the supralittoral zone of Bizerte lagoon (northern Tunisia). ---- *Crustaceana* 85, 433-446. (Not seen)


JUNOY, J., C. CASTELLANOS, J. VIEITEZ & R. RIERA 2013. Seven years of macroinfauna monitoring at Ladeira beach after the Prestige oil spill. ---- *Oceanologia* 55, 393-407. (Not seen)

with eight species. — Zootaxa 3528, 1-28. (Deals with Belkginoecetes n. gen., with as type species B. cooee n. sp. (Cooee Bay, Qld) and as further species B. springthorpei n. sp. (Airlie Beach, Qld), B. solea n. sp. (Magnetic Island, Townsville, Qld), B. fleurae n. sp. (Port Douglas, Qld), B. darwiniense (recte darwiniensis) n. sp. (Darwin, NT), and B. bullockyensis n. sp. (Darwin, NT). The new genus Tropicoecetes is erected for T. carinata n. sp. (Cobourg Peninsula, NT). Rhinoecetes anneae n. sp. was also collected in Darwin, NT, while some material from Townsville is identified as R. ?rhinoceros. A key to Belkginoecetes spp is provided.)

JUST, J. 2013. Metopa gigas sp. nov. from southern Greenland, a giant among congeners (Crustacea, Amphipoda, Stenothoidae). — Zootaxa 3641, 289-295. (This new species, 19mm large, was found in Godthaabsfjord, West Greenland, as well as several other Greenland localities.)

KAIM-MALKA, R. A. 2012. Haploops antennata, a new species from the North Atlantic Ocean (Crustacea: Gammaridea: Ampeliscidae) [ Contribution to the knowledge of the genus Haploops. 7.] — Zootaxa 3320 , 36-46. (H. antennata n. sp. from off Concarneau, W. France. A key to all Haploops spp is provided.)


KARAMAN, G. S. 2012. The anchialine Amphipoda (Crustacea) in the subterranean waters of Crna Gora (Montenegro). — Natura Croatica 21, Suppl. 1, 68-70 (12 species listed. NB. This is Gordan’s ‘Contribution to the knowledge of the Amphipoda’ nr 261!!)

KARAMAN, G. S. 2012. New species of the subterranean genus Niphargus Schiodte, 1849 (Amphipoda, Gammaridea, Niphargidae) from Russia, N. krasnodarus sp. n. (Contribution to knowledge of Amphipod 256.) — Biologia Serbica 24, 75-88 (Near Krasnodar, E. of the Black Sea. With a survey of all earlier described Niphargus spp from Russia)


KEDRA, M., K. KULINSKI, W. WALKUSZ & J. LEGEZYNSKA 2012. The shallow benthic food web structure in the high Arctic does not follow seasonal changes in the surrounding environment. — Estuarine, Coastal and Shelf Science 114, 183-191. (A study from Kongsfjorden, Svalbard, with i.a. data on 15 amphipod species.)


KIM, Y.-H., E. A. HENDRYCKS & K.-S. LEE 2012. New genera and species of the *Synchelidium* group (Amphipoda: Oedicerotidae) from Asia-North Pacific. — *Journal of Natural History* 46, 2349-2376. (Deals with Orthomanus n. gen. for O. koreanus n.sp. (Goseung-gun, East Sea, Korea), Imbachoculodes n. gen., with type species I. namhaensis n. sp. (Tongyeong-si, Korea) and further species I. vietnamensis n. sp (Bay of Nha-Trang, Vietnam), I. angustipes (Ledoyer), and I. longirostratus (Hirayama), and Sinoediceros hwanghaensis n. sp. (Boleumdo Island, Korea). A key to the Pacific genera in the Synchelidium group is provided, as well as a synoptic table.)


KING, R. A., T. BRADFORD, A. D. AUSTIN, W. F. HUMPHREYS & S. J. B. COOPER 2012. Divergent molecular lineages and not-so-cryptic species: the first descriptions of stygobitic chiltoniid amphipods (Talitroidea: Chiltoniidae) from Western Australia. — *Journal of Crustacean Biology* 32(3), 465-488. (Deals with Scutachiltonia n.gen. erected for S. axfordi n.sp. from the Sturt Meadows calcrete, Western Australia, Stygochiltonia n.gen. erected for S. bradfordiae, n.sp. also from the Sturt Meadows calcrete, and Yilgarniella n.gen. erected for Y. sturtensis n.sp., again from the Sturt Meadows calcrete. Molecular studies of COI-sequence, morphological descriptions. All new taxa described solely by King.)


KRAFT, A., E. BAUERNFEIND, E., E.-M. NÖTHIG, M. KLAGES, A. BESZCZYNSKA-MÖLLER & U. V. BATMANN 2013. Amphipods in sediment traps of the eastern Fram Strait with focus on the life-history of the lysianassoid Cyclocaris guilemi. ---- Deep-Sea Research I 73, 62-72. (Nine species of amphipods found, with Cyclocaris by far the most common.)


KRAPP-SCHICKEL, T. 2013. New or amended data on Mediterranean Amphipoda: genera Dexamine, Ericthonius and Stenothoe. ---- Zootaxa 3613 (2), 125-145. (Deals with Dexamine spinosa, D. filiola n.sp. (Portovenere, Liguria, Italy), Ericthonius didymus n. sp.(Laguna di Venezia, Italy), Stenothoe dollfusi and S. cattai. Keys to Mediterranean Dexamine, Ericthonius, and those Mediterranean Stenothoe with a spinose telson are provided.)


LABAY, V. 2013. Review of amphipods of the Melita group (Amphipoda: Melitidae) from the costal (sic) waters of Sakhalin Island (Far East of Russia). I. Genera Megamoera Bate, 1862 and Armatomelita gen. nov. ---- Zootaxa 3700, 65-112. (Deals with Megamoera similidentata n. sp. (NE shelf of Sakhalin Island, M. striata n. sp. (also NE shelf of Sakhalin Island), M. falsomikulitschiae n. sp. (Aniva Bay, Sea of Okhotsk), and M. aequidentatum (recte aequidentata) n. sp. (also Aniva Bay). A key to all Megamoera spp is provided, as well as a phenogram. The new genus Armatomelita is erected for A. tshayensis n. gen. n. sp. (again from Aniva Bay).)


LAGRUE, C., A. GÜVENATAM & L. BOLLACHE 2012. Manipulative parasites may not alter intermediate host distribution but still enhance their transmission: field evidence for increased vulnerability to definitive hosts and non-host predator avoidance. ---- Parasitology 140, 258-265. (The acanthocephalans Echinorhynchus truttae and Polymorphus minutus in Gammarus pulex.)


strain CNPT3. ---- *Genome Announcements* 1 (3), e00304-13. (Isolated from decaying amphipods collected from 5700m in the Central N. Pacific.)


LEE, M. R. & J. C. CASTILLA 2012. Do changes in microhabitat availability within a marine reserve reduce the species richness of small mobile macrofauna and meiofauna? ---- *Journal of the Marine Biological Association UK* 92, 1283-1288. (Not seen)

LEEuwIS, L., P. M. van BODEGOM, J. ROZEMA & G. M. JANSSEN 2012. Does beach nourishment have long- term effects on intertidal macroinvertebrate species abundance? ---- *Estuarine, Coastal and Shelf Science*, in press. (A Dutch study on i.a. *Bathyporeia sarsi* and *Haustorius arenarius.*)


LÖRZ, A.-N., K. LINSE, P. J. SMITH & D. STEINKE 2012. First molecular evidence for underestimated biodiversity of Rhachotropis (Crustacea, Amphipoda), with description of a new species. ---- PLoS One 7(3), 332365. (The new species, with Lörz as sole author (thus listed incorrectly in AN 36), is R. novazealandica from the Chatham Rise, NZ)

LOWRY, J. K. 2012. Talitrid amphipods from ocean beaches along the New South Wales coast of Australia (Amphipoda, Talitridae). ---- Zootaxa 3575, 1-26. (Deals with Bellorchestia mariae n. sp (Jervis Bay, NSW), B. richardsoni, Notorchestia quadrirmana (with both N. novaehollandiae and N. lobata as junior synonyms. A neotype is established.), Platorchestia smithi n. sp. (Brooms Head Beach, NSW), and Vallorchestia new genus, erected for Orchestia dispar Dana, 1852. Interestingly, this paper is exclusively illustrated by excellent SEM pictures.)

LOWRY, J. K. & A. BOPIAH 2012. Britorchestia, a new talitrid genus from western Europe and the Mediterranean and a revision of Pseuodorchoestoida and Sardorchestia (Crustacea, Amphipoda, Talitridae). ---- Zootaxa 3451, 60-67. (Deals with Britorchestia new genus, erected for Talorchestia brito and T. ugolinii; Pseuodorchoestoida (with P. biolleyi, P. meridionalis and P. mexicana, not described here) and Sardorchestia, with the type S. pelecaniformis and Orchoestoida gracilis, here redescribed and transferred to Sardorchestida.)

LOWRY, J. K. & A. BOPIAH 2013. The talitrid amphipods of Tonga (Crustacea, Amphipoda, Talitridae). ---- Zootaxa 3681, 347-380. (Deals with Platorchestia ano n. sp. (Ano beach, Vava’u), Talorchestia spinipalma, Tongorchestia pangaimotu n. gen, n. sp. (Holeva, Vava’u) and T. towneri n. sp., the type species of this new genus (Tufuvai Beach, ‘Eau Island).)

LOWRY, J. K. & C. O. COLEMAN 2012. A new terrestrial talitrid genus from the Philippine Islands (Crustacea, Amphipoda, Talitrida, Talitridae) and the designation of two informal subgroups. ---- Zootaxa 3400, 64-68. Curitaalitis n. gen., based on Talitrus curioi. The informal groups are the Orchestia and Talitrus groups, with the genera listed for each group.)


LOWRY, J. K. & A. A. MYERS 2012. New, mainly southern hemisphere, freshwater families of Amphipoda (Crustacea), together with a description of the freshwater calliopid, Lutriwita bradburyi gen. nov. et sp. nov. ---- Zootaxa 3499, 27-45. (This important paper deals with the families Austrofisiphargidae (with Austrofisiphargus, Davidia and Libertinia), Chilagoeidae n. fam. (monotypic for Chilagoe), Crangoweckeliidae n. fam. (with Crangoweckelia and Pintaweckelia), Dussartelliidae n. fam. (with Dussartiella and Reinhardtia), Falklandelliidae n. fam., (with Falklandella and Praefalklandella), Giniphargidae (for Giniphargus), Pseudogolfiellidae n. fam. (for Pseudegolfiella), Pseudoniphargidae (with Pseudeoniphargus and Parapseudoniphargus), Sandroidae n. fam. (for Sandro), Seborgiidae, upgraded from subfamily status (with Relictoseborgia and Seborgia), Sensonatoridae n. fam. (for Sensonator), and Uronyctidae n. fam. (for Uronyctus). In addition, the freshwater species Lutriwita bradburyi n. gen, n. sp. (Calliopidae) is described from the Hardwood River, W. Tasman.)

LOWRY, J. K. & A. A. MYERS 2013. A phylogeny and classification of the Senticaudata subord. nov. (Crustacea: Amphipoda). — Zootaxa 3610, 1-80. (This is a most important paper, which will no doubt keep a central position for many years to come. The here proposed classification has been presented elsewhere in this newsletter. Here are only listed the new family level taxa, not the plethora of new names of higher categories. New families are the Kairoidae (for Kairos), the Eriopidae (for the Eriopis and Eriopisella groups of genera. Roropisa is synonymized with Victoriopis), the Nuuanuidae (for Gammarellida and Nuuanu), and the Kerguelenioliidae (for Kergueleniola). The family Hyalellidae is reinstated, as is the genus Dolobrotus in the Calliopiidae.)


MacNEIL, C. & J.T.A. DICK 2012. Intraguild predation may reinforce a species-environment gradient. — Acta Oecologica 41: 90-94. (Testing Gammarus duebeni and G. zaddachi at different salinities showed asymmetric intraguild predation relative to salinity, which can explain different distributions in rivers of the two species.)

MACNEIL, C. & D. PLATVOET 2013. Could artificial structures such as fish passes facilitate the establishment and spread of the ‘killer shrimp’ Dikerogammarus villosus (Crustacea: Amphipoda) in river systems? — Aquatic Conservation: Marine and Freshwater Systems, in press. DOI: 10.1002/aqc.2337 (Yes, they could)


MARIN, I., S. SINELNIKOV & A. SOKOLOVA 2013. Ecological remarks and re-description of the hermit crab-associated pleustid amphipod Pleusymtes japonica (Gurjanova, 1938) (Crustacea: Amphipoda: Pleustidae, Pleusytminae) from the Russian coasts of the Sea of Japan. — Zootaxa 3640, 581-588. (NB. In this most interesting paper the names of the authors are given the Russian way, i.e. with the surname first.)


40
MARQUES-JUNIOR, P. R. & A. R. SENNA 2013. Description of a new genus and species of the family Melphidippidae Stebbing, 1899 (Crustacea: Amphipoda) from the deep waters of Brazil. ---- Zootaxa 3641, 463-475. (Deals with Stebbingiella globulosa n. gen, n. sp. from off the São Paulo State coast at 200m—the definition of 'deep waters' differs from country to country. WV)


MÉDOC, V., C. PISCART, C. MAAZOUI, L. SIMON & J.-N. BEISEL 2011. Parasite-induced changes in the diet of a freshwater amphipod: field and laboratory evidence. ---- Parasitology 138, 537-546. (The amphipod is Gammarus roeselii, the parasite the acanthocephalan Polymorphus minutus.)


MEISZNER, K., D. FIORENTINO, S. SCHNURR, P. MARTINEZ ARBIZU, F. HUETMANN, S. HOLST, S. BRIX & J. SVAVARSSON 2013. Distribution of benthic marine invertebrates at northern latitudes—an evaluation applying multi-algorithm species distribution models. ---- Journal of Sea Research, in press. (Two of the eight species studied are Andaniella pectinata and Harpinia crenulata.)

MEKHANIKOVA, I. V. 2013. (On wearing of mandible teeth and maxilla spines in Baikal amphipods (Crustacea, Gammaridea) during intermoult period.) ---- Zoologicheskii Zhurnal 92, 409-414. (In Russian. Studies on Pallasea grubii, Eulimnogammarus ibex atrichus and E. violaceus. Very heavy wear is established.)
MEKHANIKOVA, I. V., D. S. ANDREEV, O. Y. BELOZEROVA, Y. L. MIKHLIN, S. V. LIPKO, I. V. KILIMENKO, V. V. AKIMOV, V. F. KARGIN, Y. V. MAZUROVA, V. L. TAUSON & Y. L. LKHOSHWAY 2012. Specific features of mandible structure and elemental composition in the polyphagous amphipod Acanthogammarus growingkii endemic to Lake Baikal. ---- PloS One 7 (8), e43073

MICHEL, L. P. DAUBY, S. GOBERT, M. GRAEVE, N. THIELEN & G. LEPOINT 2012. Trophic tracers reveal considerable diversity among diets of dominant amphipods from Posidonia oceanica seagrass meadows. ---- Poster, 8th International Conference on Applications of Stable Isotope Techniques to Ecological Studies, Brest, 2012. (Not seen)


MIYAMOTO, H. & H. MORINO 2012. Taxonomic studies on the Talitridae of Taiwan.V. The genus Brevitalitrus Bousfield, 1971. ---- Species Diversity 17, 187-200. (Not seen, unfortunately. Deals with B. hortulanus, new to Taiwan and B. kumanoi n. sp. (coastal, Nan Bay).)


MORINO, H. 2012. A new species of Kamaka (Amphipoda: Kamakidae) from Lake Tonle Sap, Cambodia. ---- Zootaxa 3297, 64-68. (K. tonlensis n. sp. from a freshwater lake.)


MOULDS, T. & P. BANNINK 2012. Preliminary notes on the cavernicolous arthropod fauna of Judbarra/Gregory karst area, northern Australia. ---- Helicite 41, 75-85. (One as yet unidentified amphipod species.)


MYERS, A. A. 2012. Amphipoda (Crustacea) from Palau, Micronesia: families Ampeliscidae, Ampithoidae, Aoridae, Colomastigidae and Cyprioidae. — *ZooKeys* 193, 1-25. (Deals with *Ampelisca malakalensis* n. sp., *Byblis levis* n. sp., *Ampithoe cookana*, *A. cf ramondi*, *Cymadusa wistari*, *Paragrubia edgarl*, *Plumithoe lata* n. sp., *P. acuticaxa* n. sp., *P. madagascariensis* n. sp., *Bemlos tridents* (transferred from *Microdeutopus*), *Colomastix lecroyae* n. sp., *C. lunililo*, and *Cyprioida excavata* n. sp. All are from shallow reefs on Palau.)

MYERS, A.A. & R. RIERA 2013. First record of the genus *Medicorophium* (Amphipoda: Corophiidea) from outside the Mediterranean. — *Marine Biodiversity Records* 6, e66, 4 pp. (*M. runcicorne* found in Tenerife, Canary islands. A key to *Medicorophium* species is provided)


NAHAVANDI, N. V. KETMAIER & R. TIEDEMAN 2012. Intron structure of the Elongation Factor 1-Alpha gene in the Porto-Caspian amphipod *Pontogammarus maeoticus* (Sowinsky, 1894) and its phylogeographic utility. — *Journal of Crustacean Biology* 32(3): 425-433. (Concludes on a major phylogeographic break between the Caspian and the Black Seas, and suggests EF1-α intron as a good marker of phylogeography on a shallow population level)

NAKA, H., L. A. ACTIS & J. H. CROSA 2013. The anguibactin biosynthesis and transport genes are encoded in the chromosomes of *Vibrio harveyi*: a possible evolutionary origin for the pJM1 plasmid-encoded system of *Vibrio anguillarum*. — *Microbiology Open* 2(1), 182-194

NARAHARA, Y., K. TOMIKAWA & K. TORIGOE 2012. Four species of the genus *Stephonyx* (Crustacea: Amphipoda: Uristidae) from Japan, with description of a new species. — *Journal of Natural History* 46, 1477-1507. (Deals with *S. perexcavatus* n. sp. (Okinawa Trough, 1080m), *S. biscayensis*, *S. laqueus* and *S. mytilus*. A key to all species in the genus is provided.)


NEEDLES, L. A. & D. A. WENDT 2013. Big changes to a small bay: introduced species and long-term compositional shifts to the fouling community of Morro Bay (CA). ---- Biological Invasions 15, 1231-1251. (see p. 1240 for amphipod data.)


NUÑEZ-PONS, L., M. CARBONE, J. VAZQUEZ, M. GAVAGNIN & C. AVILA 2013. Lipophilic defenses from Alcyonium soft corals of Antarctica. ---- Journal of Chemical Ecology 39, 675-685. (One of the predators repelled by the chemicals exuded by 6 Alcyonium species was the amphipod Cheirimedon femoratus.)


ORTIZ, M., I. WINFIELD & C. VARELA 2012. Coboldus chazaroii, a new species of iphimediid amphipod (Amphipoda, Gammaridea, Iphimediidae) from a submarine cave, north Cuba. ---- Zootaxa 3441, 47-55. (With a key to Coboldus spp.)

ORTIZ, M. I. WINFIELD & C. VARELA 2012. First records of paracarid crustaceans from the Cayo Matias Ocean Blue Hole, SW Cuba, with the description of two new species. ---- Zootaxa 3505, 53-66. (One of the new species is the aristiid Boca normae n. sp.)

ÖZANDINLI, M. & C. O. COLEMAN 2012. Ampithoe bizseli n. sp. (Crustacea, Amphipoda) from the west coast of Turkey. ---- Zootaxa 3388, 17-28. (Near Izmir.)

ÖZBEK, M. 2013. A new freshwater amphipod species, Gammarus obruki sp. nov. from Turkey (Amphipoda: Gammaridea). ---- Turkish Journal of Zoology 37, 163-171. (A cave species, found in Bartin province.)

ÖZBEK, M. 2012. A new freshwater amphipod, Gammarus katagani sp. nov., from Turkey. ---- Zoology in the Middle East 55, 47-54. (Kütahya province, W. Anatolia)

ÖZBEK, M., L. YURGA & O. KÜLKÖYLÜOGLU 2013. Gammarus baysali sp. nov., a new freshwater amphipod species from Turkey. Crustaceana, in press. (From a cave in Zonguldak vilayet.)

ÖZDİKMEN, H. 2012. A new name for the preoccupied genus Pardia Ruffo, 1987 (Amphipoda: Lysianassidae). ---- Munis Etymology & Zoology 7 (2), 1287-1288. (It has been discovered that Pardia is a junior homonym to a Lepidoptera, and a replacement name is suggested: Acosta - giving the new combination Acosta punctata (Costa, 1851) for the only species assigned to the amphipod genus.)
PAALVAST, P., B. K. van WESENBEECK, G. van der VELDE & M. B. de VRIES 2012. Pole and pontoon hulas: An effective way of ecological engineering to increase productivity and biodiversity in the hard-substrate environment of the port of Rotterdam. ---- Ecological Engineering 44, 199-209. (A hula is in this connection a 'rope shirt' placed around poles or pontoons)

PADUA, A., E. LANNA & M. KLAUTAU 2013. Macrofauna inhabiting the sponge Paraleucilla magna (Porifera: Calcarea) in Rio de Janeiro, Brazil.) ---- Journal of the Marine Biological Association UK 93, 889-898. (Seven amphipod spp, not all identified, in Table 1)


PAZ-RIOS, C. E. & P.-L. ARDISSON 2013. Carriboecetes progreso, a new species of sand-dwelling amphipod (Amphipoda: Corophiidea: Ischyroceridae) from the Gulf of Mexico, with a key for the genus. ---- Zootaxa 3652, 370-380. (From Progreso, Yukatan state, Mexico)

PÉREZ-SCHULTHEISS, J. 2013. Osorodella gabrielae, n. gen and n. sp., a new falklandellid (Amphipoda: Gammaridea) from freshwaters of the Chilean Coastal Range. ---- Zootaxa 3599, 446-456. (In springs in Osorno province.)

PERRON, M. M., K. T. HO, M. G. CANTWELL, R. M. BURGESS & M. C. PELLETIER 2012. Effects of triclosan on marine benthic and epibenthic organisms. ---- Environmental Toxicology and Chemistry 31,1861-1866. (Ampelisca abdita one of test animals.)

PERROT-MINNOT, M.-J., M. GALLARD, R. DODET & F. CÉZILLY 2011. Interspecific differences in carotenoid content and sensitivity to UVB radiation in three acanthocephalan parasites exploiting a common intermediate host. ---- International Journal for Parasitology 41, 173-181. (The host is Gammarus pulex.)

PERROT-MINNOT, M.-J., M. MADDALENO, A. BALOURDET & F. CÉZILLY 2012. Host manipulation revisited: no evidence for a causal link between altered photophobia and increased trophic transmission of amphipods infected with acanthocephalans. ---- Functional Ecology 26, 1007-1014. (The increased vulnerability of infected amphipods (Gammarus pulex) to predation by goldfish is caused by their general slower reactions, not by the reduced photophobia.)


PIPAN, T. & D. C. CULVER 2012. Convergence and divergence in the subterranean realm: a reassessment. ---- Biological Journal of the Linnean Society 107, 1-14. (The absence of light, not low resources and environmental cyclicity, is the important selective factor.)


POORE, A. G. B. & K. M. GALLAGHER 2013 (published Dec. 2012). Strong consequences of diet choice in a talitrid amphipod consuming seagrass and algal wrack. ---- *Hydrobiologia* 701, 117-127. (Only Sargassum was consumed in feeding experiments and only this alga supported high survival in Australian *Notorchestia* sp.)


POZNANSKA, M., T. KAKAREKO, M. KRZYZYNSKI & J. KOBAK 2012. Effect of substratum drying on the survival and migrations of Ponto-Caspian and native gammarids (Crustacea: Amphipoda). ---- *Hydrobiologia* 700, 47-59. (A Polish study, dealing with the native *Gammarus fossarum*, and the Ponto-Caspian species *Dikerogammarus haemobaphes, D. villosus* and *Pontogammarus robustoides*.)


PRATO, E., I. PARLAPIANO & F. BIANDOLINO 2013. Sublethal effects of copper on some biological traits of the amphipod *Gammarus aequicauda* reared under laboratory conditions. ---- *Chemosphere*, in press


REN, X.-Q. & Z.-L. SHA 2013. Two new species and one newly recorded species of the genus Kamaka (Crustacea: Amphipoda) from the Hainan Province, South China Sea. ---- *Zootaxa* 3630, 391-399. (Deals with Kamaka excavata, *K. corophina* n. sp. (Qinglan Peigang) and *K. foliacea* n. sp. (Puqian Beigang). A key to Hainan Kamaka is provided.)


RIASCOS, J. M., M. VERGARA, J. FAJARDO, V. VILLEGAS & A. S. PACHECO 2102. The role of hyperiid parasites as a trophic link between jellyfish and fishes. ---- *Journal of Fish Biology* 81, 1686-1695. (A Chilean study of the jellyfish *Chrysaora plocamia*, its associate *Hyperia curticauda* and the predatory fish *Seriorella violacea*.)


ROBERTSON, D. 2012. Blackbirds feeding on sandhoppers. --- Scottish Birds 32, 133. (Tay estuary, Fife, in very dry weather.)

RODIL, I. F., T. J. COMPTON & M. LASTRA 2012. Exploring macroinvertebrate species distributions at regional and local scales across a sandy beach geographic continuum. --- PLoS One 7 (6), e39609, 18pp. (A study from the north coast of Spain.)

RODIL, J. F., T. J. COMPTON & M. LASTRA 2013. Geographic variation in sandy beach macrofauna community and functional traits. --- Estuarine, Coastal and Shelf Science, in press


ROS, M., M. VAZQUEZ-LUIS, J. M. GUERRA-GARCÍA 2013. The tropical caprellid amphipod Paracaprella pusilla: a new alien crustacean in the Mediterranean Sea. --- Helgoland Marine Research, in press. (Found on Mallorca and Ibiza. Also Caprella scabra was found in the Balearics.)
ROS, M., M. VAZQUEZ-LUIS & J. M. GUERRA-GARCIA 2013. The role of marinas and recreational boating in the occurrence and distribution of exotic caprellids (Crustacea: Amphipoda) in the Western Mediterranean: Mallorca Island as a case study. ---- Journal of Sea Research, in press. (Alien caprellids were only found around marinas.)

ROSS, D. J., A. R. LONGMORE & M. J. KEOUGH 2012. Spatially variable effects of a marine pest on ecosystem function. ---- Oecologia 172, 525-538. (The pest in this Australian study is Sabella spallanzani.)


SAMMAI, T. & A. J. SMITH 2010. Relationship between sediment structure and infaunal amphipod communities along the Durban outfalls region on the east coast of South Africa. ---- MSc Thesis, Univ. of KwaZulu-Natal. (Not seen)


SCHLACHER, T. A. & L. THOMPSON 2013. Spatial structure on ocean-exposed sandy beaches: faunal zonation metrics and their variability. ---- Marine Ecology Progress Series 478, 43-55. (A study from E. Australia. The amphipods are Exodiceros maculosus, Tittakunara katoa and Urohaustorius halei.)

SCHLETTERER, M. & V.V. KUZOVLEV 2012. Documentation of the presence of Gmelinoides fasciatus (Stebbing, 1899) and the native benthic fauna in the Volga River at Tver (Tver Region, Russia). ---- Aquatic Insects 34, Suppl1, 139-155.

SCHÜCKEL, U. & I. KRÖNCKE 2013. Temporal changes in intertidal macrofauna communities over eight decades: A result of eutrophication and climate change. — Estuarine, Coastal and Shelf Science 117, 210-218. (A German study from the Jade Bay)


SHORT, S., Y. GULER, G. YANG, P. KILLE & A. T. FORD 2012. Paramyxean-microsporidian co-infection in amphipods: Is the consensus that Microsporidia can feminise their hosts presumptive? — International Journal of Parasitology 42, 683-691. (Echinogammarus marinus was infected with Dictyocoea duebenum which was shown to possibly not directly feminise the host, but rather hitch-hike with another feminising paramyxean parasite)


SIDOROV, D.A. 2012 Two new species of freshwater amphipods (Crustacea: Gammaridae) from Central Asia, with comments on the unusual upper lip morphology. Zootaxa 3317, 1-24 (Deals with Gammarus montaniformis n. sp. (Kazakhstan), and G. alius n. sp. (Kyrgyzstan). Both have peculiar upper lips with 'hooks' on the epistome.)
SIDOROV, D. A. & A. A. GONTCHAROV 2013. Studies on subterranean crustaceans of Primary, Russia. Part 1. Three new species of the genus *Pseudocrangonyx* from springs and other groundwater habitats in far eastern Russia. — Zootaxa 3693, 547-567. (Deals with *P. tiunove* n. sp. (near Vladivostok), *P. holsingeri* n. sp. (Steklajnuha River, far east Russia), *P. kseniae* and *P. sympatricus* n. sp. (Kievka River basin, far east Russia)


SOUSA-FILHÓ, J. F. & C. S. SEREJO 2012. Redescription and designation of a neotype for *Eudevelopus capucius* (Oliveira, 1955) (Crustacea: Amphipoda: Platyschнопidae) from Brazilian waters, with comments on its cuticular ultrastructures. — *Cahiers de Biologie Marine* 53, 469-484. (With many data on the armaments, and a key to the four world *Eudevenopus* species.)


STODDART, H. E. & J. K. LOWRY 2012. Revision of the lysianassoid genera *Acidostoma* and *Shackletonia* (Crustacea: Amphipoda: Acidostomatidae fam. nov.). — Zootaxa 3307, 1-34. (The family Acidostomatidae is erected for these two genera, and a key is provided to all *Acidostoma* species. The following species are included: *A. australis* n. sp. (Port Kembla, NSW), *A. hancocki*, *A. laticorne*, *A. merimbul* n. sp. (Merimbula, NSW), *A. molarifera*, *A. namibiense* n. sp. (Saldanha Bay, S. Africa = *A. obesum* s. Griffiths), *A. neglectum*, *A. obesum* (genericotype, with *A. nodiferum* and *A. sarsi* as junior synonyms. This is discussed extensively), *A. ortum* and *A. pectinata*. *Shackletonia* is monotypic, for *S. robusta*.)

53


STUDER, A. & R. POULIN 2012. Seasonal dynamics in an intertidal mudflat. The case of a complex trematode life cycle. ---- *Marine Ecology Progress Series* 455. 79-93. (The trematode *Maritrema novaezeelandensis* has as second intermediate host *Paracalliope novizeelandiae*. As you guessed, a New Zealand study.)


TAKEUCHI, I. & A. OYAMADA 2012. Description of two species of *Caprella* (Crustacea: Amphipoda: Caprellidae) from the North Pacific: *C. californica* Stimpson, 1857 and *C. scauroides* Mayer, 1903, with a new appraisal of species ranking for *C. scauroides*. ---- *Helgoland Marine Research* 67. 383-396. (The latter taxon is here resurrected as a valid species; it was earlier identified as *C. californica* in East Asia.)


TORRECILLA-ROCA, J. & J. M. GUERRA-GARCIA 2012. Feeding habits of the peracarid crustaceans associated to the alga Fucus spiralis in Tarifa Island, Cadiz (Southern Spain). — Zoologica Baetica 23, 39-47. (The dominant species, Hyale perieri, fed mostly on the alga itself, but also on small crustaceans.)


TRUHLAR, A. M., J. A. DODD & D. C. ALDRIDGE 2013. Differential leaf-litter processing by native (Gammarus pulex) and invasive (Dikerogammarus villosus) freshwater crustaceans under environmental extremes. — Aquatic Conservation: Marine and Freshwater Ecosystems, in press. DOI: 10.1002/aqc.2375


UDEKEM d’ACOZ, C. d’ 2012. The genus Liljeborgia in the Mediterranean Sea, with the description of a new species. — Zootaxa 3310, 51-65. (Deals with L. clytaemnestra n. sp. (Malta) and L. dellavallei. A key is provided.)

UDEKEM d’ACOZ, C. d’ 2012. On the genus Halirages (Crustacea, Amphipoda), with the description of two new species from Scandinavia and Arctic Europe. — European Journal of Taxonomy 7, 1-32. (Deals with Halirages caninae n. sp.(69°04'N, 12°28'E, 2600m), H. quadridentatus (of which H. elegans Norman turns out to be a synonym), and H. stappersi n. sp. (Kara Sea, is H. elegans s Stappers, nec Norman). An annotated checklist of Halirages species, and a key to all species are provided. The genus itself and its borders need further research.)
UDEKEM d’ACOZ, C. d’ & C. HAVERMANS 2012. Two new Pseudorchomene species from the Southern Ocean, with phylogenetic remarks on the genus and related species (Crustacea: Amphipoda: Lysianassae: Lysianassidae: Tryphosinae). ---- Zootaxa 2012, 1- 50. (This important paper deals with P. coatsi, P. debroyeri n. sp. (= P. coatsi s De Broyer 1983; Falkland Islands, P. lophorachis n. sp. (E. Weddell Sea), P. plebs (transferred from Orcho menella and Abyssorchomene) and P. rossi (transferred from Orcho menopsis and Abyssorchomene). A key is provided. The authors discuss the status and type species of the genus Tryphosa and conclude that this is a valid genus, with Anonyx nanus Krøyer as type species. They also discuss the Antarctic ‘orchenensids’, on the basis of the molecular work of the second author.)


UGOLINI, A., G. GALANTI & L. MERCATELLI 2013. Do sandhoppers use the skylight polarization as a compass cue? ---- Animal Behaviour 86, 427-434. (Probably not, although Talitrus saltator can perceive polarized light.)


VALENCIA, B. & A. GIRALDO 2012. Structure of hyperiid assemblages on Isla Gorgona, eastern tropical Pacific off Colombia. ---- Journal of the Marine Biological Association UK 92, 1489-1499. (Not seen. 46 spp reported)


VELLINGER, C., E. GISMONDI, V. FELTEN, Ph. ROUSSELLE, K. MEHENNAOUI, M. PARANT & Ph. USSEGLO-POLATERA 2013. Single and combined effects of cadmium and arsenate in Gammarus pulex (Crustacea, Amphipoda): understanding the links between physiological and behavioural responses. —— Aquatic Toxicology 140/141, 106-116

VELLINGER, C., V. FELTEN, P. SORNOM, P. ROUSSELLE, J.-N. BEISEL & P. USSEGLO-POLATERA 2012. Behavioural and physiological responses of Gammarus pulex exposed to cadmium and arsenate at three temperatures: individual and combined effects. —— Plos One 7 (6), e 39153


VITALIANO, J., D. PACKER, R. REID & V. GUIDA 2012. Broad-scale, dense amphipod tube aggregations on the sea bed: implications for resource species that utilize benthic habitats. —— Fisheries & Oceanography 22, 61-67. (The paper is marked 2013, but published 2012. The tubes belonged mostly to Eriphonius rubricornis.)


WARD, D. J., S. L. SIMPSON & D. F. JOLLEY 2012. Avoidance of contaminated sediments by an amphipod (Melita plumulosa), a harpacticoid copepod (Nitocra spinipes), and a snail (Phallomedusa solida). —— Environmental Toxicology and Chemistry 32, 644-652.


WESTON, D. P., Y. DING, M. ZHANG & J. LYDY 2012. Identifying the cause of sediment toxicity in agricultural sediments: The role of pyrethroids and nine seldom-measured hydrophobic pesticides. ---- Chemosphere 90, 958-964. (Hyalella azteca test animal)


WHITE, K. N. & J. D. REIMER 2012. DNA phylogeny of Ryukyu Leucothoidae. ---- Contributions to Zoology 81, 159-165.

WHITE, M. M. & D. B. STRONGMAN 2012. New species of Spartiella and Legeriosimilis from mayflies and other arthropod-associated trichomycetes from Nova Scotia, Canada. ---- Botany 90, 1195-1203 (The trichomycete Astreptor is reported from the amphipod Corophium volutator.)


WILDISH, D. J. 2012. Long distance dispersal and evolution of talitrids (Crustacea: Amphipoda: Talitridae) in the northeast Atlantic islands. ---- Journal of Natural History 46, 2329-2348. (A fascinating story. The islands in question are the Canary Islands, Madeira and the Azores.)


WINFIELD, I., M. ORTIZ & M. E. HENDRICKX 2013. A new deep-water species of Epimeria (Amphipod: Gammaridae) from the continental slope of western Mexico. ---- Journal of the Marine Biological Association UK 93, 991-997. (E. morronei n. sp. from the central gulf of California, 1526m. A synoptic key compares this new species to E. norfanzii and E. cora.)

WONGKAMHAENG, K., B. A. R. AZMAN & R. PUTTAPREECHA 2012. Cheiriphotis trifurcata, new species (Crustacea, Amphipoda, Corophiidae, Protomedeinae) from the seagrass bed of the lower Gulf of Thailand. ---- ZooKeys 187, 71-89. (From Talet Bay, lower Gulf of Thailand. A key to world Cheiriphotis is provided.)


WONGKAMHAENG, K., C. O. COLEMAN & P. PHOLPUNTHIN 2013. Three new species from the Aoridae and Maeridae (Crustacea, Amphipoda) from Thai waters. ---- Zootaxa 3693, 503-533. (Deals with Grandidierella phetraensis n. sp. (Satun province), Ceradocus andamanensis n. sp. (Lidee Noi island, Satun prov.) and Parelasmopus siamensis n. sp. (Chonburi prov.), as well as Bemlos quadriramus, new to Thai waters.)


WONGKAMHAENG, K., P. PHOLPUNTHIN & B. A. R. AZMAN 2012. Grandidierella halophilus a new species of the family Aoridae (Crustacea: Amphipoda) from the saltpans of the inner Gulf of Thailand. ---- The Raffles Bulletin of Zoology 60, 433-447. (With a table explaining the differences among 8 closely related Grandidierella species. (NB. I have corrected the specific name, an adjective, to halophila.WV.)


ZEIDLER, W. 2012. A review of the hyperiidean amphipod families Mimonectidae and Proscinidae (Crustacea: Amphipoda: Hyperiidea: Proscinoidea.). — *Zootaxa* 3533, 1-74. (Another one of Wolfgang’s excellent monographs on Hyperiidea. In the Proscinidae belong the taxa *Proscina stephensi*, *P. scinoides*, *P. magna* (probably a junior synonym of *Mimonectes loveni*), *P. birsteini* (known only from the type specimen) and *P. vinogradovi* (here transferred to *Mimonectes*). In the Mimonectidae we have *Mimonectes loveni* (with Sphaeromimonectes cultricomis and Parascina fowleri as junior synonyms), *M. sphaericus* (with Sphaeromimonectes valdiviae as junior synonym), *M. gaussi*, *M. diomedae*, , *M. spandii*, *M. alexanderi* n. sp. (Bay of Biscay), *M. colemani* n. sp. (W. of Gulf of Guinea, Atlantic), *M. neospaericus* n. sp. (Sagami Bay, Japan), *Pseudomimonectes robustus* (only known from holotype), and *Cheloscina antennula*. The new family Mimoscinidae is based on the genus *Mimoscina*, with the species *M. gracilipes*, *M. setosa* and *M. galbraithae* (E. of Cook Strait, New Zealand), while the new family Microscinidae is monotypic, for *Microscina rostrata* n. gen., n. sp. from the SE tropical Atlantic. Keys are provided.)


New amphipod taxa in AN 37

1. Families and subfamilies

Acidostomatidae Stoddart & Lowry, 2012
Chillagoeidae Lowry & Myers, 2012
Crangoweckeliidae Lowry & Myers, 2012
Dussartiellidae Lowry & Myers, 2012
Eriopisidae Lowry & Myers, 2013
Falklandellidae Lowry & Myers, 2012
Giniphargidae Lowry & Myers, 2012
Hyallellidae Bulycheva, 1957 (revived)
Kairosidae Lowry & Myers, 2013
Kergueleniolidae Lowry & Myers, 2013
Microscinidae Zeidler, 2012
Mimoscinidae Zeidler, 2012
Nuuanuidae Lowry & Myers, 2013
Otagiidae Hughes & Lörz, 2013
Podosiridae Lowry & Myers, 2012
Pseudingolfiellidae Lowry & Myers, 2012
Sandroidae Lowry & Myers, 2012
Seborgiidae Holsinger, 1980 (upgraded)
Sensonatoridae Lowry & Myers, 2012
Uronycticidae Lowry & Myers, 2012

2. Genera and subgenera

Acosta Özdkmen, 2012
Aidadamochelia Thomas & Watling, 2012
Belginoecetes Just, 2012
Britorchestia Lowry & Bopiah, 2012
Cuneimelita Senna & Serejo, 2012
Curitatalitur Lowry & Coleman, 2012
Dolobrotus Bowman, 1974 (rev.)
Imbachoculodes Kim, Hendrycks & Lee, 2012
Lutriwita Lowry & Myers, 2012
Mantacaprella Vazquez-Luis, Guerra-Garcia, Carvalho & Png-Gonzalez, 2013
Microtripus Lim, Rahim & Takeuchi, 2012
Microscina Zeidler, 2012
Minamitalitrus White, Lowry & Morino, 2013
Orthomanus Kim, Hendrycks & Lee, 2012
Osornodella Pérez-Schultheiss, 2013
Potoberaba Fiser, Zagmajster & Ferreira, 2013
Scutachiltonia King, in King et al., 2012

Lysianassidae
Didymocheliidae
Ischyroceridae
Talitridae
Melitidae
Talitridae
Pontogeneiidae
Oedicerotidae
Calliopiidae
Caprellidae
Phtisicidae
Microscinidae
Talitridae
Oedicerotidae
Falklandellidae
Mesogammaridae
Chiltoniidae
Stebbingiella Marques-Junior & Senna, 2013
(NB moved to Paragammaropsidae by Lowry & Hughes)

Stygociltonia King, in King et al., 2012
Tongorchestia Lowry & Bopiah, 2013
Tropicoecetes Just, 2012
Vallorchestia Lowry, 2012
Vietorchestia Thanh & Anh, 2011
Yilgarniella King, in King et al., 2012

3. Species and subspecies

acuticosta Myers, 2012 (Plumithoe)
aequidentata Labay, 2013 (Megamoera)
akanthius Hughes, 2012 (Podocerus)
alexanderi Zeidler, 2012 (Mimonectes)
alius Sidorov, 2012 (Gammarus)
amabilis Hou, Li & Li, 2013 (Gammarus)
andamanensis Wongkhaæng, Coleman & Pholpunthin, 2013 (Ceradocus)
anhi Thanh & Anh, 2011 (Quadrimaera)
anivae Labay, 2012 (Paramoera)
anneae Just, 2012 (Rhinoecetes)
ano Lowry & Bopiah, 2013 (Platorchestia)
antarctica Zeidler, 2012 (Mimonecteolidae)
antennata Kaim-Malka, 2012 (Haploops)
astericolus Ariyama, 2012 (Leipsuropus)
australis Stoddart & Lowry, 2012 (Acidostoma)
axfordi King, in King et al., 2012 (Scutachiltonia)
aureus Rubal & Larsen, 2012 (Ingolfiella)
baysali Özbek, Yurga & Külköylüoglu, 2013 (Gammarus)
beagle Alonso, 2012 (Ventojassa)
bitaenescens Shu, Yang & Chen, 2012 (Gammarus)
bizseli Özyaydinli & Coleman, 2012 (Ampithoe)
bradburyi Lowry & Myers, 2012 (Lutriwita)
bradfordiae King, in King et al., 2012 (Stygociltonia)
bullockyensis Just, 2012 (Belkinoecetes)
caius d’Udelem d’Acoz, 2012 (Halirages)
carinata Just, 2012 (Tropicoecetes)
carstica Bastos-Pereira & Bueno, 2012 (Hyalella)
cathalaa Frutos & Sorbe, 2012 (Leucothoe)
chazaroi Ortiz, Winfield & Varela, 2012 (Coboldus)
chujensis Kim, Hoing, Conlan & Lee, 2012 (Peramphithoe)
citatus Hou. Li & Li, 2013 (Gammarus)
claustracola Thomas & Watling, 2012 (Aidamochelia)
clavicipitae Hughes, 2013 (Podocerus)
clytaemnestra d’Udelem d’Acoz, 2012 (Liljeborgia)

Stygociltonia King, in King et al., 2012
Tongorchestia Lowry & Bopiah, 2013
Tropicoecetes Just, 2012
Vallorchestia Lowry, 2012
Vietorchestia Thanh & Anh, 2011
Yilgarniella King, in King et al., 2012

3. Species and subspecies

acuticosta Myers, 2012 (Plumithoe)
aequidentata Labay, 2013 (Megamoera)
akanthius Hughes, 2012 (Podocerus)
alexanderi Zeidler, 2012 (Mimonectes)
alius Sidorov, 2012 (Gammarus)
amabilis Hou, Li & Li, 2013 (Gammarus)
andamanensis Wongkhaæng, Coleman & Pholpunthin, 2013 (Ceradocus)
anhi Thanh & Anh, 2011 (Quadrimaera)
anivae Labay, 2012 (Paramoera)
anneae Just, 2012 (Rhinoecetes)
ano Lowry & Bopiah, 2013 (Platorchestia)
antarctica Zeidler, 2012 (Mimonecteolidae)
antennata Kaim-Malka, 2012 (Haploops)
astericolus Ariyama, 2012 (Leipsuropus)
australis Stoddart & Lowry, 2012 (Acidostoma)
axfordi King, in King et al., 2012 (Scutachiltonia)
aureus Rubal & Larsen, 2012 (Ingolfiella)
baysali Özbek, Yurga & Külköylüoglu, 2013 (Gammarus)
beagle Alonso, 2012 (Ventojassa)
bitaenescens Shu, Yang & Chen, 2012 (Gammarus)
bizseli Özyaydinli & Coleman, 2012 (Ampithoe)
bradburyi Lowry & Myers, 2012 (Lutriwita)
bradfordiae King, in King et al., 2012 (Stygociltonia)
bullockyensis Just, 2012 (Belkinoecetes)
caius d’Udelem d’Acoz, 2012 (Halirages)
carinata Just, 2012 (Tropicoecetes)
carstica Bastos-Pereira & Bueno, 2012 (Hyalella)
cathalaa Frutos & Sorbe, 2012 (Leucothoe)
chazaroi Ortiz, Winfield & Varela, 2012 (Coboldus)
chujensis Kim, Hoing, Conlan & Lee, 2012 (Peramphithoe)
citatus Hou. Li & Li, 2013 (Gammarus)
claustracola Thomas & Watling, 2012 (Aidamochelia)
clavicipitae Hughes, 2013 (Podocerus)
clytaemnestra d’Udelem d’Acoz, 2012 (Liljeborgia)

Melphidippidae
Chiltoniidae
Talitridae
Ischyroceridae
Talitridae
Talitridae
Chiltoniidae
Ampithoidae
Melitoidae
Podoceridae
Mimonectidae
Gammaridae
Maeridae
Eusiridae
Ischyroceridae
Talitridae
Mimonecteolidae
Ampeliscidae
Podoceridae
Acidostomatidae
Gammaridae
Ischyroceridae
Gammaridae
Ampithoidae
Calliopiidae
Chiltoniidae
Ischyroceridae
Calliopiidae
Dogielinotidae
Leucothoidae
Iphimiidae
Ampithoidae
Gammaridae
Didymocheliidae
Podoceridae
Liljeborgiidae
colemani  Zeidler, 2012 (Mimonectes)  
cooee  Just, 2012 (Belginoecetes)  
corophina  Ren & Sha, 2013 (Kamaka)  
danielle  Senna & Serejo, 2012 (Cuneimelita)  
darwiniensis  Just, 2012 (Belginoecetes)  
debroyeri  d’Udelem d’Acoz & Havermans, 2012 (Pseudorchomone)  
desperd  Alonso, 2012 (Heterophoxus)  
dhoharensis  Jaume & Vonk, 2012 (Metacrangonyx)  
didymus  Krapp-Schickel, 2013 (Ericthonius)  
dieteri  Coleman & Lowry, 2012 (Pereionotus)  
echinatus  Hou, Li & Li, 2013 (Gammarus)  
egregius  Hou, Li & Li, 2013 (Gammarus)  
eliquatus  Hou, Li & Li, 2013 (Gammarus)  
excavata  Myers, 2012 (Cyprioidea)  
falsomikulitschae  Labay, 2013 (Megamoera)  
ferreus  Hughes, 2013 (Podocerus)  
filiola  Krapp-Schickel, 2013 (Dexamine)  
fleurae  Just, 2012 (Belginoecetes)  
foliacea  Ren & Sha, 2013 (Kamaka)  
gabiae  Coleman & Lowry, 2012 (Gabophlias)  
gabrielae  Pérez-Schultheiss, 2013 (Osornodella)  
gageoensis  Kim & Min, 2013 (Pacificorchestia)  
galbraithae  Zeidler, 2012 (Mimoscina)  
gappai  Alonso, 2012 (Ensayara)  
gigas  Just, 2013 (Metopa)  
globulosa  Marques-Junior & Senna, 2013 (Stebbingiella)  
guerragarciai  Winfield & Ortiz, 2013 (Paracaprella)  
haiphongensis  Thanh & Anh, 2011 (Melita)  
halophila  Wongkamhaeng, Pholpuntin & Azman, 2012 (Grandidierella)  
hartmuti  Coleman & Lowry, 2012 (Pereionotus)  
hirayamai  Coleman & Lowry, 2012 (Pereionotus)  
hirtellus  Hou, Li & Li, 2013 (Gammarus)  
holsingeri  Sidorov & Gontcharov, 2013 (Pseudocrangonyx)  
hongi  Ariyama, 2012 (Leipsuropus)  
hwanghaensis  Kim, Hendrycks & Lee, 2012 (Sinoediceros)  
imbya  Rodrigues & Bueno, 2012, in Rodrigues et al. (Hyalella)  
jaeki  Coleman & Lowry, 2012 (Iphiplateia)  
katagani  Özbek, 2012 (Gammarus)  
kernsinae  Coleman & Lowry, 2012 (Gabophlias)  
khanomensis  Wongkamhaeng, Darakrai & Pholpuntin, 2009 (Tethygeneia)  
khayyami  Hekmatarra, Zaksek, Heidari Baladehi & Fiser, 2013 (Niphargus)  
khwarizmi  Hekmatarra, Zaksek, Heidari Baladehi & Fiser, 2013 (Niphargus)  
koreanus  Kim, Hendrycks & Lee, 2012 (Orthomanus)  
krasnodar Aroman, 2012 (Niphargus)  
sidon  Sidorov, 2012 (Pseudocrangonyx)  
Mimonectidae  
Ischyroceridae  
Kamakidae  
Melitidae  
Ischyroceridae  
Tryphosinae  
Phoxocephalidae  
Metacrangonyctidae  
Ischyroceridae  
Philantidae  
Gammaridae  
Gammaridae  
Gammaridae  
Cyprioideidae  
Melitidae  
Podoceridae  
Dexaminidae  
Ischyroceridae  
Kamakidae  
Philantidae  
Falklandellidae  
Talitridae  
Mimoscinidae  
Endevourinidae  
Stenothoidae  
Melitidae  
Aoridae  
Philantidae  
Philantidae  
Gammaridae  
Pseudocrangonyctidae  
Podoceridae  
Oedicerotidae  
Dogielinotidae  
Philantidae  
Gammaridae  
Philantidae  
Pontogeneiidae  
Niphargidae  
Niphargidae  
Oedicerotidae  
Niphargidae  
Pseudocrangonyctidae
kumanoi Miyamoto & Morino, 2012 (Brevitalitrus)  
lata Myers, 2012 (Plumithoe)  
lecroyae Myers, 2012 (Colomastix)  
levis Myers, 2012 (Byblis)  
lifou Bopiah & Hughes, 2013 (Mallacoota)  
lignicola Tandberg & Vader, 2013 (Exitomelita)  
longipropoda Wongkamhaeng, Coleman & Pholphunthin, 2013 (Rotomelita)  
lorphorachis d’Udekem d’Acoz & Havermans, 2012 (Pseudochromene)  
lovrichi Alonso, 2012 (Erikus)  
lozanoi Winfield & Ortiz 2012 (Ensayara)  
macaronensis Vazquez-Luis, Guerra-Garcia, Carvalho & Png-Gonzalez, 2013  
(mantacaprella)  
madagascariensis Myers, 2012 (Plumithoe)  
malakalensis Myers, 2012 (Ampelisca)  
margcomosus Hou, Li & Li, 2013 (Gammarus)  
mariae Lowry, 2012 (Bellorchestia)  
marleneae Coleman & Lowry, 2012 (Iphiplateia)  
merimbula Stoddart & Lowry, 2012 (Acidostoma)  
miscix Hughes, 2013 (Podocerus)  
mizegwaden Bopiah & Hughes, 2013 (Mallacoota)  
montaniformis Sidorov, 2012 (Gammarus)  
morronei Winfield, Ortiz & Hendrickx, 2013 (Epimeria)  
multidentatus Thanh & Anh, 2011 (Ceradocus)  
namarensis Horton & Thurston, 2013 (Hirondellea)  
namhaensis Kim, Hendrycks & Lee, 2012 (Imbachoculodes)  
namibiense Stoddart & Lowry, 2012 (Acidostoma)  
neosphaericus Zeidler, 2012 (Mimonectes)  
nghisonensis Thanh & Anh, 2011 (Ceradocus)  
normae Ortiz, Winfield & Varela, 2012 (Boca)  
novazealandica Lörz, in Lörz et al., 2012 (Rhachotropis)  
obruki Özbek, 2012 (Gammarus)  
oliphant Hughes, 2012 (Podocerus)  
ona Alonso, 2012 (Lysianopsis)  
orontes Hughes, 2013 (Podocerus)  
pangaimotu Lowry & Bopiah, 2013 (Tongorchestia)  
paphavasitae Wongkamhaeng, Coleman & Pholphunthin, 2013 (Maeropsis)  
parda Alonso, 2012 (Aora)  
peartae Andrade & Senna, 2013 (Cymadusa)  
perexcavatus Narahara, Tomikawa & Torigoe, 2012 (Stephonyx)  
perea Senna & Serejo, 2012 (Nuuanu)  
petronioi Senna, 2012 (Melita)  
phetaensis Wongkamhaeng, Coleman & Pholphunthin, 2013 (Grandidierella)  
porakuara Fiser, Zagmajster & Ferreira, 2013 (Potiberaba)  
(Talitridae)  
Ampithoidae  
Colomastigidae  
Ampelicididae  
Maeridae  
Melitidae  
Melitidae  
Tryphosinae  
Amaryllididae  
Endevouridae  
Eriopisidae  
Leucothoidae  
Caprellidae  
Ampithoidae  
Ampelicididae  
Gammaridae  
Talitridae  
Phliantidae  
Acidostomatidae  
Podoceridae  
Maeridae  
Gammaridae  
Epimeriidae  
Maeridae  
Hirondelleidae  
Oedicerotidae  
Acidostomatidae  
Mimonectidae  
Maeridae  
Aristiidae  
Eusiridae  
Gammaridae  
Podoceridae  
Lysianassidae  
Podoceridae  
Talitridae  
Maeridae  
Aoridae  
Ampithoidae  
Uristidae  
Melitidae  
Melitidae  
Aoridae  
Mesogammaridae
potiguar Fiser, Zagmajster & Ferreira, 2013 (Seborgiidae)
progreso Paz-Ríos & Ardisson, 2013 (Caribboecetes)
quadrata Thanh & Anh, 2011 (Vietorchestia)
quintasana Hughes & Bopiah, 2013 (Nuuanu)
rivalis Hou, Li & Li, 2013 (Gammarus)
rockingham Hughes, 2013 (Podocerus)
rostrata Zeidler, 2012 (Microscinidae)
scauroides Mayer, 1903 (Caprella) revived
setosus Thanh & Anh, 2011 (Ceradocus)
siamensis Wongkamhaeng, Coleman & Pholpunthin, 2013 (Parelasmopus)
silendus Hou, Li & Li, 2013 (Gammarus)
similidentata Labay, 2013 (Megamoera)
smithi Lowry, 2012 (Plactorchestia)
solea Just, 2012 (Belkginoecetes)
springthorpei Just, 2012 (Belkginoecetes)
stappersi d’Udekem d’Acoz, 2012 (Halirages)
striata Labay, 2013 (Megamoera)
stuckeyorum Hughes & Bopiah, 2013 (Nuuanu)
sturtensis King, in King et al., 2012 (Yilgamiella)
surera Alonso, 2012 (Oradarea)
sympatricus Sidorov & Gontcharov, 2013 (Pseudocrangonyx)
takedai Ariyama, 2012 (Bollegidia)
takedai Aoki & Ito, 2012 (Caprella)
takedai Tomikawa & Komatsu, 2012 (Dulichiella)
tamoshanta Hughes, 2012 (Podocerus)
tinggiensis Lim, Rahim & Takeuchi, 2012 (Microtripus)
titaseyi Hughes & Bopiah, 2013 (Nuuanu)
tiunovi Sidorov & Gontcharov, 2013 (Pseudocrangonyx)
tonlensis Morino, 2012 (Kamaka)
towneri Lowry & Bopiah, 2013 (Tongorchestia)
trancquilus Hou, Li & Li, 2013 (Gammarus)
triceratops Hughes, 2013 (Laetmatophilus)
trifurcata Wongkamhaeng, Azman & Puttapreecha (Cheiriphotis)
tshaensis Labay, 2013 (Armatomelita)
turcicus Andreev & Kenderov, 2012 (Niphargus)
tewnętrnae Coleman & Lowry, 2012 (Iphiplateia)
vietnamica Thanh & Anh, 2011 (Plactorchestia)
vietnamica Thanh & Anh, 2011 (Quadrimaera)
vietnamensis Kim, Hendrycks & Lee, 2012 (Imbachocolodes)
vugianensis Thanh & Anh, 2011 (Floresorchestia)
vulgaris Hughes, 2012 (Podocerus)
xepenehe Bopiah & Hughes, 2013 (Mallacoota)
yongensis Coleman & Lowry, 2012 (Pereionotus)
zoltani White, Lowry & Morino, 2013 (Minamitalitrus)
4. New taxa ranked taxonomically after families

**Acidostomatidae**
- Acidostoma *australis*, *merimbula*, *namibiense*

**Amaryllididae**
- Erikus *lovrichii*

**Ampeliscidae**
- Ampelisca *malakalensis*
- Byblis *levis*
- Haploops *antennata*

**Ampithoidae**
- Ampithec *bizseti*
- Cymadusa *peartae*
- Peramphithoe *chujaensis*
- Plumithoe *aticosta*, *atica*, *madagascariensis*

**Aoridae**
- Aora *parda*
- Grandidierella *halophila*, *phetaensis*

**Aristiidae**
- Boca *normae*

**Bogidiellidae**
- Bollegidia *takedai*

**Calliopiidae**
- Halirages *cainae*, *stappersi*
- Oradarea *surera*
- Lutriwita *bradburyi*

**Caprellidae**
- Caprella *scauroides*, *takedai*
- Mantacaprella *macaronensis*
- Paracaprella *guerragarciai*

**Chillagoeidae**

**Chiltoniidae**
- Scutachiltonia *axfordi*
- Stygochiltonia *bradfordae*
- Yilgarniella *sturtensis*

**Colomastigidae**
- Colomastix *lecreyllae*

**Crangoweckeliidae**

**Cyproideidae**
- Cyproidea *excavata*

**Dexaminididae**
- Dexamine *filiola*

**Didymocheliidae**
Aidamochelia claustracola

Dussartilliidae

Endeavouridae
   Enseyara gappai, lozanoi

Epimeriidae
   Epimeria morronei

Eriopisidae
   Cuneimelita danielle
     Psammogammarus lucayensis

Eusiridae
   Rhachotropis novazealandica

Falklandellidae
   Osornodella gabrielae

Gammaridae
   Gammarus alius, amabilis, baysali, bitaensis, citatus, echinatus, egregius, eliquatus, hirtellus,
     katagani, margcomosus, montaniformis, obruki, rivalis, sliendus, tranquillus

Giniphargidae

Hirondelleidae
   Hirondellea namarensis

Hyalellidae (rev.)
   Hyalella carstica, imbya

Ingolfiellidae
   Ingolfiella azorensis

Iphimiidae
   Coboldus chazaroii

Ischyraceridae
   Belkginoecetes bullockyensis, cooe, darwiniensis, fleurae, solea, springthorpei
     Caribboecetes progreso
   Ericthonius didymus
   Rhineocetes anneae
   Tropicoecetes carinata
   Ventojassa beagle

Kamakidae
   Kamaka corophina, foliacea, tonlensis

Kairosidae

Kerguelenioliidae

Leucothoidae
   Leucothoe cathalaa, luquei

Liljeborgiidae
   Liljeborgia clytaemnestra

Lysianassidae
   Acosta punctata
     Lysianopsis ona

Maeridae
   Ceradocus andamanensis, multidentatus, nghisonensis, setosus
Maeropsis paphavasitae
Mallacoota lifou, mizegwaden, xepenehe
Parelasmopus siamensis
Quadridmaera anhi, vietnamica

Melitidae
Armatomelita tshaensis
Cuneimelita danielle
Dulichiella takedai
Exitomelita lignicola
Megamoera aequidentata, falsomikulitschae, simillidentata, striata
Melita haiphongensis, petronioi
Nuuanu peroa
Rotomelita longipropoda

Mesogammaridae
Potiberaba porakuara

Metacrangonyctidae
Metacrangonyx dhofarensis

Microscinidae
Microscina rostrata

Mimonecteolidae
Mimonecteola antarctica

Mimonectidae
Mimonectes alexanderi, colemani, neosphaericus

Mimoscinidae
Mimoscina galbraithae

Niphargidae
Niphargus khayyami, khwarizmi, krasnodari, turcicus

Nuuanuidae
Nuuanu peroa, quintasana, stuckeyorum, titaseyi

Oedicerotidae
Imbachoculodes namhaensis, vietnamensis
Orthomanus koreanus
Sinoediceros hwanghaensis

Otagiidae
Paragammaropsidae

Stebbingiella globulosa

Phliantidae
Gabophlias gabiae, kerstinae
Iphiplateia jakei, marleneae, verenaee
Pereionotus dieteri, hartmuti, hirayamai, yongensis

Phoxocephalidae
Heterophoxus despard

Phtisicidae
Microtripus tinggiensis

Podoceridae
Laetmatophilus *triceratops*
Leipsuropus astericolus, hongi
Podocerus *akanthius, clavicarius, ferreus, miscix, oliphant, orontes, rockingham, tamoshanta, vulgaris*

**Podosiridae**

**Pontogeneiidae**

*Dolobrotus* (rev.)
*Paramoera anivae*
*Tethygeneia khanomensis*

**Protomedeiinae**

*Cheiriphotis trifurcata*

**Pseudocrangonyctidae**

*Pseudocrangonyx holsingeri, sympatricus, tiunovi*

**Pseudosingolfiellidae**

**Sandridae**

**Seborigiidae** (upgraded)

*Seborgia potiguar*

**Sensonatoridae**

**Stenothoidae**

*Metopa gigas*

**Talitridae**

*Bellorchestia mariae*
*Brevitalitrus kumanoi*
*Britorchestia*
*Curiotalitrus*
*Floresorchestia vugiaensis*
*Minamitalitrus zoltani*
*Paciforchestia gageoensis*
*Platorchestia ano, smithi, vietnamica, vugiaensis*
*Tongorchestria pangaimotu, towneri*
*Vallorchestia*
*Vietorchestia quadrata*

**Tryphosinae**

*Pseudorchomene debroyeri, lophorachis*

**Uristidae**

*Stephonyx perexcavatus*

**Uronyctidae**

---

For contributions to future Amphipod newsletters:

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

Thank you for your help!

Wim, Adam, Miranda and Anne Helene