AMPHIPOD NEWSLETTER 38

Dear Amphipodologists,

We are delighted to present to you Amphipod Newsletter 38! We begin with a relatively recent addition to the AN, an Interview of a member of our amphipod family – Traudl Krapp-Schickel. Her life and career, as we know you will agree, are truly amazing. Sabrina Lo Brutto gives us a report on the "Taxonomy of Crustacean Amphipods" course that was held at the University of Palermo. And then, Ania Jazdzewska summarizes, and for many provides us with pleasant memories of the 15th International Colloquium on Amphipoda held 2-7 September 2013 in Szczawnica, Poland – indeed "Amphipoda – are our way of life." Plans are well underway for the 16th ICA that will be held in Aveiro, Portugal 7-11 September 2015 (see page 57 for more information). And, as always, we provide you with a Bibliography and index of amphipod publications that includes citations of 424 papers that were published in 2013-2014 (or after the publication of Amphipod Newsletter 37). What an amazing amount of research that has been done by you! Please continue to notify us when your papers are published. We hope you enjoy your Amphipoda Newsletter!

Best wishes from your AN Editors,

Wim, Adam, Miranda and Anne Helene

Statistics from this Newsletter

1 new subfamily

11 new genera

146 new species

9 new subspecies

Interview with Traudl Krapp-Schickel

Born 1943 south of Vienna (Austria) as daughter of a medical doctor, as a child she always planned to have the same profession. But her father, in rural surroundings even involved sometimes in veterinary problems, warned her that as woman she would always remain the "appendix" of a medical chief in a clinic, but rarely (at that time!) be responsible herself, and in his eyes this was not as interesting as his own very varied work. - Finally she decided to study biology instead of medicine. Most important men in her scientific work were Sandro Ruffo (Verona, Italy), who opened many doors in taxonomic understanding as well as knowledge of Mediterranean way of thinking, Wim Vader (Tromsø, Norway), with whom she travelled so many times and cooperates continuously, and Oliver Coleman (Berlin, Germany), who made her feel welcome within the German zoologists when moving from Switzerland (University of Fribourg) to live in Bonn.

When and why did you start studying amphipods?

1964 my supervisor Rupert Riedl in Vienna asked me if I would prefer Audrey Hepburn or Sofia Loren. Not knowing WHY I should choose I told my clear favorite and was informed: In the first case I would have to study the ecology of amphipods of the rocky shores in the N-Adriatic Sea, in the latter the hydroids. In 1965 I went for the first time to meet Sandro Ruffo in Verona for getting help in taxonomy, because how can one do an ecological thesis without being sure about the species' names? As studying besides biology also mathematics for teaching at school, I became interested in statistics too.

What are your favourite amphipod species names?

Some examples: *bananarama* (*Anamixis*, Thomas & KS 2011; appendage like a banana); *psaltrica* (*Liljeborgia* KS 1975; with dactyli extremely long like fingers playing a harpsichord); *pieropan* (*Stenothoe*, KS 1996, after a famous wine-producer of the Ruffo-clan, synonymous to Peter Pan!). But also the generic name *Hyale* (in Greek meaning "like glass"), which English speaking colleages spell so

differently from the original, that they change 3 of 5 letters (all vowels), and at the beginning of my studies I had no clue at all which animal was discussed.

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

As my teacher and great friend Sandro Ruffo hated to illustrate the habitus of an animal, I concentrated in doing it and think it gives a lot of additional information to the pure morphological details and helps for quick first determination in the field.

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

Easy answer: the mandible, which is three-dimensional in contrast to most of the other appendages.

Where is your favourite place to collect amphipods?

I felt like in paradise when collecting in Indonesia: Bali, Lombok, Thousand Islands. Super-clear and sunny-warm water, rich, colourful fauna and flora, nearly no tourists in the eighties (bed + breakfast for 5 DM!!!, with tasteful tea and lots of exotic fruits during the day!).

Places you wished you never tried to collect amphipods?

There is a narrow and long cave near Rovinj/Istria, which is U-shaped, with both ends near the water-surface; my student colleagues (and also Franz, whom I barely knew at that time, 1964) loved to dive through and collect hydroids there, and I expected interesting amphipods, but had the fixed fear I would get stuck in the middle and not have enough air for coming out on one or the other end. Thus I never succeeded collecting there.

Describe/name the most memorable amphipod moment(s)?

There were so many during my life! The very first come-together with collaborators on the Mediterranean handbook at the Hotel Accademia in Verona (met Wim Vader for the first time, with whom I had already exchanged letters). Working in Washington in Jerry Barnard's lab in the early seventies and noticing that he had made already a separate box for the coming Krapp-Schickel papers; made me feel "important"! The many, many "cene" (= dinners) with Sandro and friends, sitting so cozy together by excellent food and wine, discussing thousands of different topics until late. The invitation to participate at the Lizard Island collections, which came exactly at my 60th birthday....

Describe/name your most memorable amphipod meeting/s)?

The very first congress on *Niphargus* in Verona, where I could already help as secretary (see foto 2). The Schlitz-meeting 1975, where I met Barnard, Bousfield, Steele, Stock and Holsinger, partly with wives; but I had great difficulties to understand their English, and was desperate. The congress in Poland 1981 (see picture 3) during so many difficulties in this country, but excellently organized and with so warm friendship!, and another one, where I happily danced with Krzysztof near a campfire and tore a portion of muscles while getting hit by a heavy hiking-shoe of somebody else. And of course the one organized by Wim and me in Kronenburg/Germany in 1998, small and simple,- and in extreme contrast to the one organized by José in Sevilla, 2010, huge and extremely luxurious! (There is still the homepage with lots of pictures from all these congresses in the net, look at "XIV ICA Seville").

We know the work with Sandro Ruffo shaped Traudl's life. We are sure many will like to hear about this if you would like to share...

Writing these interview-answers in Verona, all the differences from now to the sixties jump in mind: my very first arrival 1965 at the Verona railway station, where a friend of Sandro Ruffo

waited with a red handkerchief in hand (fortunately she spoke German, as I knew next to nothing of Italian); she lodged me in the "casa per studentesse" (home for female students) in a sleeping room with 40! beds, every bed surrounded by a courtain for guaranteeing a minimum privacy. As this house closed at 23h and the conferences at the Museum started regularly at 21h and often the discussion afterwards lasted quite long, I let the visitors leave the Museum and sneaked then into the little room used for projecting diapositives, for sleeping there (at that times there was no alarm-system!). In the morning I tried to wake up before the first cleaning lady came, had a very very short wash in the bathroom, and never ever was discovered. - The first dialogues with Sandro, while he spoke his poor German (learned as a prisoner in Hamburg during the war) and I answered with particles of Latin! But soon I gathered one after the other Italian word, by listening Sandro on the telephone: the Italian way to talk so vividly is repeating an important word many times, thus I had always good opportunity to look it up in the dictionary.

Also - if there is anything you would like to say about the work you are doing now in Verona:

Already during Sandro's life a huge data-base for "his" amphipod-collection was created, unfortunately in a quite complicated PC-mode with steadily changing passwords, which I never was able to use in my own Apple-Macintosh. After Sandro's death I tried to convince his successor, Leonardo Latella (entomologist), to put the data-base in the internet and simplify it. But as the economical situation in Italy became worse and worse, there was no money for doing this. Making order not only at Sandro's desk (where several tubes were waiting for being treated, and now the puzzle was difficult what was from where and whom), but also within the collection room, after various come-togethers finally a method could be arranged, which was o.k. for all of us: Traudl types the data (both of unidentified material or until now not inserted in the collection) in an Excel-file, and Roberta Salmaso, the collection manager of the Verona Museum, transfers it into the official collection data-file (thus I am not responsable for eventual striking functions!).

Sandro Ruffo left personal money as a foundation for those who want to work on the Veronese collections; directly after his death this money was frozen for various bureaucratic reasons, but in the meanwhile it was already several times used (as far as I know, by entomologists). If anybody is interested in getting support for travel- and lodging-expenses while working on amphipods of the Veronese collection, please contact

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Any other general thoughts/comments?

When I started my scientific career, it was a rare exception to combine it with a family (see picture of 2013). I am extremely thankful to all who supported me in the aim to work mainly at home

and without institutional or financial background, after leaving my work at the university when the first baby came. My "hobbyhorse beachfleas" brought more than hundred publications and innumerable valuable contacts with colleagues all over the world, and the wonderful invention of E-mail helped to work from a small village on the border of a forest and change ideas within minutes with them. When writing my doctoral thesis letters to the supervisors Riedl (at that period in America) or Ruffo (in Italy) lasted often weeks!

Sandro Ruffo was often asked by young people about his opinion of studying biology in present times, and his words could be mine still now: If one wants to earn a lot of money, do something else. You will never become rich in the common meaning, but more than rich in unforgettable impressions while getting around, in knowing colleagues all over the world, in changing ideas and being guest at their homes. (Our house was and is open for visitors from all continents, in 1984 there was even a "mini amphipod congress" in Adendorf, our home-village!).

Concluding this interview, I will never become tired to repeat that a thorough taxonomical knowledge MUST be the basis for the now booming modern disciplines of molecular studies, and one group can learn a lot from the other one, which is an enormous advantage for BOTH!
If only the money-allowing officials would apprehend it!

Free copies of NAGA report 4-1

In 1967 Marilyn Clark Imbach published an extensive paper on ‘Gammaridean Amphipoda from the South China Sea’ (NAGA Reports 4-1, pp 40-167, in which i.a. 19 new species were described.) The paper is not very well known and has been regularly overlooked. I happen to have in my possession a considerable number of copies of this NAGA report, and can send them free of charge to those colleagues who are interested.

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Report of the Course "Taxonomy of crustacean amphipods"

The Course has been organized by the University of Palermo, sponsored by a grant under the CORI Programme. It was hosted at the separate branch of the University of Palermo, in Trapani; a wonderful location in front of the sea. The participation was addressed to Italian people, and was free.

During the three days 38 participants coming from several Italian academic institutions attended the lectures hold by Traudl Krapp-Schickel (Forschungsmuseum A. Koenig – Germany) , Maria Beatrice Scipione (Stazione Zoologica Anton Dohrn – Ischia), Sabrina Lo Brutto (University of Palermo, Italy). Lab activities have been also organized, and a final brief talk has been hold by the young students.

The Italian Zoologists Society (UZI, Unione Zoologica Italiana) offered a one-year membership to the participants; while The Crustacean Society has been promoted during the course.

Sabrina Lo Brutto

Compilation of Amphipod relevant literature

Please tell the AN editors and Olli Coleman about your recent publications on amphipods - and send a pdf of your paper. Olli can include it on the server and the editors can include it in the bibliography....

Amphipoda – the way of life

15th International Colloquium on Amphipoda

(all photos Ania Jażdżewska)

In September 2013 big group of Amphipodologists from all over the World gathered again in Poland in a small town of a very difficult name to pronounce – Szczawnica.

The interest in Amphipoda starts at a very early stage of life therefore two young participants – Elle and Raffaele – have joined the group.

The 15th ICA took place in Pieniny Mountains from 2nd to 7th of September 2013 and as many as 100 participants from 30 countries and six continents arrived.

At the beginning, after the welcome by Michał Grabowski, the president of the organizing committee, a glimpse into the 40-years history of Amphipod Colloquia was given by Krzysztof Jażdżewski.

The further scientific program was extensive and consisted of four plenary lectures, 55 oral presentations divided into six thematic sessions as well as 40 posters.

The variety of topics was great so the participants could get to know what is going on in the field of biodiversity and biogeography of Amphipoda in diverse freshwater and marine habitats. Results of ecological and morphological studies were also shown. Large part of the presentations has concerned research conducted on alien species of amphipods. More and more cited studies have employed molecular techniques.

Scientific discussions took place both during oral and poster sessions as well as after them – including Jacuzzi offered by the hotel.

During the closing session the most meritorious members of the "Amphipodologist' family" who have carried on the long lasting friendship were honored.

However, science is not only done in laboratories and lecture rooms. The most essential thing during amphipod colloquia was always assembling colleagues and friends from different countries that one day had decided that studying Amphipoda is their “way of life”.

There was a lot of opportunities to tighten previous connections as well as to start the new ones – Polish food and drinks supported a good humor.

Amphipodologists know how to enjoy the life – nobody had to be persuaded for too long to join the party!

Important events during amphipod meetings are also conference trips. This time the first took all of the participants to the Niedzica castle situated on the rock above the Czorsztyńskie lake.

Later the Červený Kláštor of our Slovakian neighbors has been visited. Some people were surprised why the descriptions of the collections in the museum are not in Polish – they have not noticed that we have passed the country border!

But the most exciting part of the excursion was certainly the rafting on Dunajec river. Wooden rafts at the beginning did not look too safe for some of the participants, but soon it appeared that everybody has enjoyed this special experience and the views of the Dunajec River Gorge and Pieniny Mountains.

Those who could stay until the end of the conference were also able to join the second excursion which was one day hiking in the surroundings of Szczawnica. Four trips were proposed having different difficulty levels. Amphipodologists are strong people – the most popular hike was the "extreme" one – 14,5 km and seven hours of walk.

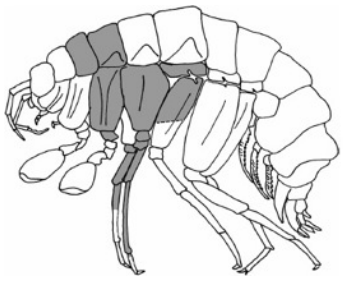
So, there is no surprise that the participants were a bit tired and used the opportunities to have a rest.

From the side of the organizers I wish to say that we are very happy that you participated in the meeting we have organized. I hope that all of you have had nice and fruitful time and that our collaboration will continue. So, see you in Portugal and Turkey!!!!

Ania Jażdżewska

Giant fossil amphipod newly discovered!

Rosagammarus minichiellus, a giant (17 cm) and apparently the oldest known fossil amphipod was discovered in Triassic limestone from Nevada, USA. Likely a necrophagous and benthopelagic scavenger that fed on ichthyosaurs and other creatures that had fallen to the sea floor.



McMenamin, M.A.S.; Zapata, L.P. & M.C. Hussey. 2013. A Triassic giant amphipod from Nevada, USA. J. Crust. Biol. 33(6):751-759.

Figures: Fossil specimen and reconstruction of *Rosagammarus minichiellus* taken from McMenamin, et al., 2013. This specimen extends the known geological range of amphipods by at least 170 million years!

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BLOECHER, N., Y. OLSEN & J. GUENTHER 2013. Variability of biofouling communities on fish cage nets: A 1-year field study at a Norwegian salmon farm. ---- *Aquaculture 416-417*, 302-309. (*Jassa falcata* codominant.)¨

BLÖCHER, N. 2013. Biofouling in the Norwegian salmon farming industry. ----PhD Thesis, NTNU Trondheim, Norway. (Not seen)

BOJKO, J., P. D. STEBBING, K. S. BATEMAN, J. E. MEATYARD, K. BACELA-SPYCHALSKA, A. M. DUNN & G. D. STENTIFORD 2013. Baseline histopathological survey of a recently invading

island population of ‘killer shrimp’, *Dikerogammarus villosus*. ---- *Diseases of Aquatic Organisms 106*, 241-253. (Data from the UK --the island of the title--, France and Poland)

BOSSUS, M. C., Y. Z. GULER, S. J. SHORT, E. R. MORRISON & A, T, FORD 2013. Behavioural and transcriptional changes in the amphipod *Echinogammarus marinus* exposed to two antidepressants, Fluoxetine and Sertraline. ---- *Aquatic Toxicology 151*, 46-56.

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BOUVIER, M. E., A. PÉREZ & P. MUNIZ 2013. A simple home-made turbidimeter (HMT) for turbidity measurements using *Hyalella curvispina* Shoemaker, 1942 (Crustacea: Amphipoda) for the assessment of environmental quality of coastal waters. ---- *Brazilian Journal of Oceanography 61*, 201-206.

BOVT, H. C., D. BARRIOS-O’NEILL, M. C. EMMERSON, D. C. ALDRIDGE & J. T. A. DICK 2014. Predicting the predatory impact of the “demon shrimp” *Dikerogammarus haemobaphes*, on native and previously introduced species. ---- *Biological Invasions*, in press. doi: 10.1007/s10530-014-0751-9

BOYKO, C. B. 2013. Toward a monophyletic Cabiropidae; a review of parasitic isopods with female Cabirops-type morphology (Isopoda: Cryptoniscidae). ---- *Proceedings of the Biological Society of Washington 126*, 103-119.

BRANCELJ, A., C. BOONYANUSITH, S. WATIROYRAM & L. SANOAMUANG 2013. The groundwater-dwelling fauna of South East Asia. ---- *Journal of Limnology 72*, 327-344. (Thirteen amphipod spp listed on p 333.)

BROWNE, C. M., R. MILNE, C. GRIFFTHS, J. J. BOLTON & R. J. ANDERSON 2014. Epiphytic seaweeds and invertebrates associated with South African populations of the rocky shore seagrass *Thalassodendron leptocaule*—a hidden wealth of biodiversity. ---- *African Journal of Marine Science 35*, 523-531. (Crustaceans not specified.)

BUENO, A.A.P., P.B.ARAUJO, G.M.CARDOSO, K.M.GOMES, G.BOND-BUCKUP (2013) Two new species of *Hyallella* (Amphipoda, Dogielinotidae) from Brazil. *Crustaceana 86*, 802-819. DOI: 10.1163/15685403-00003205 (The freshwater species *Hyalella xakriaba* n. sp and *Hyalella kaingang* n. sp. are described from São Francisco River, Minas Gerais and Mampituba River, Rio Grande do Sul respectively.)

BUENO DA FONSECA LIMA, E. A., C. MATAVELLI, C. P. FERREIRA & W. A. C. GODOY 2014. Ecological modelling of *Talitroides topitotum* (Crustacea: Amphipoda). ---- *Journal of Biological Systems*, in press (Not seen) doi: 10.1142/S0218339014500223

BUHL-MORTENSEN, P. & L. BUHL-MORTENSEN 2014. Diverse and vulnerable deep-water biotopes in the Hardangerfjord. ---- *Marine Biology Research 10*, 253-267.

BUNDSCHUH, M., J. P. ZUBROD, P. KLEMM, D. ELSAESSER, C. STANG & R. SCHULZ 2014. Effects of peak exposure scenarios on *Gammarus fossarum* using field relevant pesticide mixtures. ---- *Ecotoxicology and Environmental Safety 95*, 137-143.

BUZÁ-JACOBUCCI, G. & F. P. PEREIRA-LUTZ 2014. The role of epiphytic algae and different species of *Sargassum* in the distribution and feeding of herbivorous amphipods. ---- *Latin American Journal of Aquatic Research 42*, 353-363.

CABEZAS, M. P., C. NAVARRO-BARRANCO, M. ROS & J. M. GUERRA-GARCIA 2013. Long-distance dispersal, low connectivity and molecular evidence of a new cryptic species in the obligate rafter *Caprella andreae* Mayer, 1890) (Crustacea: Amphipoda: Caprellidae). ---- *Helgoland Marine Research 67*, 483-497. (The new cryptic species is not here formally described.)

CABEZAS, M. P., R. XAVIER, M. BRANCO, A, M, SANTOS & J. M. GUERRA-GARCIA 2014. Invasion history of *Caprella scaura* Templeton, 1836 (Amphipoda: Caprellidae) in the Iberian Peninsula: multiple introductions revealed by mitochondrial sequence data. ---- *Biological Invasions 16(10)*, 2221-2245. (Not seen)

CAMACHO, F. A. & R. W. THACKER, 2013. Predator cues alter habitat use by the amphipod Hyalella azteca (Saussure). ---- *Freshwater Science 32*, 1148.-1154.(An experimental study.)

CARCEDO, C., S. FIORI & C. BREMEC 2014. Macrobenthic surf zone communities of temprate sandy beaches: spatial and temporal patterns. ---- *Marine Ecology,* in press. doi:10.1111/maec. 12143 (A study from Argentina)

CARDOSO, G. M. 2013. (Species of *Hyalella* Smith, 1874 (Crustacea, Amphipoda, Dogielinotidae) encountered in subterranean biotopes.) ---- M. Sc Thesis, Univerisdade federal do Rio Grande do Sul, Porto Alegre, Brazil. (In Spanish. Describes, but does not name, three new *Hyalella* species.)

CARDOSO, G. M., P. B. ARAUJO, A. A. de P. BUENO & R. L. FERREIRA 2014. Two new subterranean species of *Hyalella* Smith, 1874 (Crustacea: Amphipoda: Hyalellidae) from Brazil. ---- *Zootaxa 3814*, 353-368. (Deals with *H. veredae* Cardoso & Bueno n.sp. (Vereda de Palha Cave, Presidente Oligario, Minas Gerais) and *H. formosa* Cardoso & Araujo n. sp. (Andorinhas Cave, Ponte Grossa, Paraná). A key to subterranean *Hyalella* from Brazil is provided.)

CARVALHO, S., J. CURDIA, F. PEREIRA, J. M. GUERRA-GARCIA, M. N. SANTOS & M. R. CUNHA 2013. Biodiversity patterns of epifaunal assemblages associated with the gorgonians *Eunicella gazella* and *Leptogorgia lusitanica* in response to host, space and time. ---- *Journal of Sea Research 85*, 37-47. (Amphipods in Tables 4 and 5)

CASTEGE, I., E. MILON & F. PAUTRIZEL 2013. Response of benthic macrofauna to an oil pollution: Lessons from the “Prestige” oil spill on the rocky shore of Guéthary (South of the Bay of Biscay, France. ---- *Deep-Sea Research II*, in press. doi:10.1016/j.dsr2.2013.09.035

CHADOIN, A. L. , M. E. L. BRACKEN, M. H. GRAHAM & J. J. STACHOWICZ 2013. Plant-animal diversity relationships in a rocky intertidal system depend on invertebrate body size and algal cover. ---- *Ecology 95(5),* 1308-22. (A study from N. California).

CHANTANGSI, C., D. H. LYNN, S. RUECKERT, A. J. PROKOPOWICZ, S. PANHA & B. S. LEANDER 2013. Fusiforma themisticola n. gen., n. sp., a new genus and species of apostome ciliate infecting the hyperiid amphipod *Themisto libellula* in the Canadian Beaufort Sea (Arctic Ocean), and establishment of the Pseudocolliniidae (Ciliophora, Apostomatia). ---- *Protist 164*, 793-810.

CHAPMAN, M. G. & A. F. SMOOTHEY 2014. Sea urchins provide habitat for rare chitons in intertidal boulder fields. ---- *Journal of Experimental Marine Biology and Ecology 459*, 31-37.

CHARRON, L., O. GEFFARD, A. CHAUMOT, R. COULAUD, A. JAFFAI, V. GAILLET, O. DEDOURGE-GEFFARD & A. GEFFARD 2014. Influence of molting and starvation on digestive enzyme activities and energy storage in *Gammarus fossarum*. ---- *PLoS One 9(4)*, e96393.

CHEVRIE, A. V., D. J,. HAMILTON, M. R. S. COFFIN & M. A. BARBEAU 2014. Effects of shorebird predation and snail abundance on an intertidal mudflat community. ---- *Journal of Sea Research 92*, 102-114. (*Corophium volutator* in Bay of Fundy.)

CHIESA, I. L. & G. M. ALONSO 2014. A new genus and species of Platyischnopidae (Amphipoda: Gammaridea) from the Argentine Sea, South-West Atlantic Ocean. ---- *Zootaxa 3811*, 34-52. (*Platysao holodividum* n. gen., n. sp. from Puerto Quequen. New southern records of *Tiburonella viscana* are given, as well as a survey of all species in the family.)

COLEMAN. C. O. & A.-N. LÖRZ 2013. Iphimediidae of New Zealand (Crustacea, Amphipoda). ---- *European Journal of Taxonomy 62*, 1-18. (With a key to all 6 species, and descriptions of *Labriphimedia meikae* n. sp. and *L.martinae* n. sp., both from the Chatham Rise.)

COLEMAN, C. O. & Y. SEN-DUNLOP 2013. *Iphinotus lisae* n. sp. (Crustacea, Amphipoda; Phliantidae) from Western Australia. ---- *Zoosystematics and Evolution 89,* 5-11. (*I. lisae* n. sp. from Quaranup, Albany, W. Austr.)

COLLIN, S. B. & L. E. JOHNSON 2014. Invasive species contribute to biotic resistance: negative effect of caprellid amphipods on an invasive tunicate. ---- *Biological Invasions 16(10)*, 2209-2219. (*Ciona intestinalis* in Canada.)

CONDE, A., J. M. NOVAIS & J. DOMINGUEZ 2013. Intertidal macrofauna and environmental stress at a riverine-marine boundary. ---- *Marine Environmental Research 92*, 1-9. (A study from the Tagus estuary, Portugal).

CONNELLY, T. L., D. DEIBEL & C. C. PARRISH 2013. Trophic interactions in the benthic boundary layer of the Beaufort Sea shelf, Arctic Ocean: combining bulk stable isotope and fatty acid signatures. ---- *Progress in Oceanography 120,* 79-92. (A most fascinating paper!)

CORRIGAN, L.J., T. HORTON, H. FOTHERBY, T.A.WHITE & A. RUS 2013. Adaptive Evolution of Deep-Sea Amphipods from the Superfamily Lysiassanoidea in the North Atlantic. ---- *Evolutionary Biology 41*, 154-165. DOI 10.1007/s11692-013-9255-2

COULAUD, R., O. GEFFARD, A. COQUILLAT, H. QUÉAU, S. CHARLES & A. CHAUMOT 2014. Ecological modeling for the extrapolation of ecotoxicological effctes measured during in situ essays in *Gammarus*. ---- *Environmental Science & Technology 48(11),* 6428-6436.

COUSINS, N. J., T. HORTON, B. D. WIGHAM & P. M. BAGLEY 2013. Abyssal scavenging demersal fauna at two areas of contrasting productivity on the Subantarctic Crozet Plateau, southern Indian Ocean. ---- *African Journal of Marine Science 35*, 299-306. (8 amphipod spp in Table 3, p. 303, of which the *Paracallisoma* is a new species.)

CRUZ-RIVERA, E. & M. FRIEDLANDER 2013. Effects of algal phenotype on mesograzer feeding. ---- *Marine Ecology Progress Series 490*, 69-78. doi: 10.3354/meps10429 (*Amphitoe ramondi* feeding preferences on the red algae *Gracilaria cornea*, coast of Israel)

CULVER, D. C. & T. PIPAN 2012. *Shallow subterranean habitats: ecology, evolution, and conservation*. ---- Oxford University Press. (Not seen)

CUNHA, M. R., F. L. MATOS, L. GÉNIO, A. HILARIO, C. J. MOURA, A. RAVARA & C. F. RODRIGUES 2013. Are organic falls bridging reduced environments in the deep sea? Results from colonization experiments in the Gulf of Cadiz. ---- *PloS One 8(10)*, e76688, 17 pp.

CUNHA, T. J., A. Z. GÜTH, S. BROMBERG & P. Y. G. SUMIDA2013. Macrofauna associated with the brown algae *Dictyota* spp (Phaeophyceae, Dictyotaceae) in the Sebastião Gomes Reef and Abrolhos Archipelago, Bahia, Brazil. ---- *Continental Shelf Research 70*, 140-149.

CURATOLO, T., C. CALVARUSO, B.S.GALIL, S. LO BRUTTO (2013) Geometric morphology supports a taxonomic revision of the Mediterranean *Bathyporeia guilliamsonia* (Spence Bate, 1857) (Amphipoda, Bathyporeiidae). ---- *Crustaceana 86*, 820-828. DOI: 10.1163/15685403-00003217

DANELIYA, M. E. & R. VÄINÖLÄ 2013. Five subspecies of the *Dorogostaiskia parasitica* complex (Dybowsky) (Crustacea: Amphipoda: Acanthogammaridae), epibionts of sponges in Lake Baikal. ---- *Hydrobiologia,* in press DOI: 10.1007/s10750-013-1671-x . (Deals with *Dorogostaiskia parasitica parasitica*, *D. p. kamaltynovi* n. subsp. (Khul Bay, N/C basin), *D. p. hanajevi* n. subsp. (mouth of Kocherikova River, N. basin), *D. p. ushkaniensis* n. subsp. (Malyi Ushkani Island, N. Basin), and *D. p. stenocephala* n. subsp. (Barguzin Bay, C. Basin). With a discussion of the subspecies concept in amphipod taxonomy.)

DANG, N. T. & H. A. LE 2012. (New Amphipoda species recently found in Vietnam nearshore waters.) ---- *Vietnam Journal of Biology 34*-2. (In Vietnamese, with English diagnoses of the new species; only abstract seen. The new species are *Cymadusa exavata*, *Kanaka* (probably misprint for *Kamaka*?) *quadrata*, *Listriella tuberculata*, *Hippomedon pluriarticulatus*, *H. bioculatus*, *Tiron quadrioculatus* and *Pseudotiron sublongicaudatus*. (NB. In AN 37 I have noted two earlier papers in the same journal, which I never saw, as written by Thanh & Anh. This was a grievous error; the right names for the authors of these papers and of the new species described in them (in Vietnamese) is Dang & Le. I am sorry about that. WV)

DANG, N. T. & H. A. LE 2013. Ampeliscid crustaceans (Amphipoda: Gammaridea: Ampeliscidae) from the Vietnam Sea. ---- *Vietnam Journal of Biology 35*-2. (In Vietnamese, not seen. This paper lists 35 Ampeliscidae spp; 10 spp are new to Vietnamese waters, of which the following 6 are apparently described in this paper: *Ampelisca dongnamensis*, *A. submisakiensis*, *A. talus*, *A. taynamensis*, *A. thaoae* and *Byblis caecus*.)

DeBIASSE, M. B. 2014. *Model-based tests of historical demography and species delimitation in the Caribbean coral reef sponge* Callyspongia. ---- D. Sc Thesis. Louisiana State University. (Not seen)

DEDOURGE-GEFFARD, L. CHARRON, C. HOFBAUER, V. GAILLET, F. PALAIS, E. LACAZE, A. GEFFARD & O. GEFFARD 2013. Temporal patterns of digestive enzyme activities and feeding rate in gammarids (*Gammarus fossarum*) exposed to inland polluted waters. ---- *Exotoxicology and Environmental Safety 97,* 139-146.

DESAI, M. S., K. ASSIG & S. DATTAGUPTA 2013. Nitrogen fixation in distinct microbial niches within a chemoautotrophy-driven cave ecosystem. ---- *The ISME Journal* (2013), 1-13. (I. a. on symbiotic bacteria on *Niphargus* spp in the Italian Frasassi caves.)

DEUDERO,. S., A. BOX, M. VAZQUEZ-LUIS & N. L. ARROYO 2014. Benthic community responses to macroalgae invasions in seagrass beds: Diversity, isotopic niche and food web structure at community level. ---- *Estuarine, Coastal and Shelf Science 142*, 12-22. (A study from Mallorca, Spain)

DIANNE, L., M. J. PERROT-MINNOT, A. BAUER, A. GUVENATAM & T. RIGAUD 2014. Parasite-induced alteration of plastic response to predation threat increased refuge use but lower food intake in *Gammarus pulex* infected with the acanthocephalan *Pomphorhynchus laevis*. ---- *International Journal for Parasitology 44*, 211-216.

DICK, J. T. A., M. E. ALEXANDER, J. M. JESCHKE, A. RICCIARDI, H. J. MacISAAC, T. B. ROBINSON, S. KUMSCHICK, O. L. F. WEYL, A. M. DUNN, M. J. HATCHER, R. A. PATERSON, K. D. FARNSWORTH & D. M. RICHARDSON 2013. Advancing impact prediction and hypothesis testing in invasion ecology using a comparative functional response approach. ---- *Biological Invasions 16(4)*, 735-753.

DICK, J. T. A. , M. E. ALEXANDER & C. MacNEIL 2013. Natural born killers: an invasive amphipod is predatory throughout its life-history. ---- *Biological Invasions 15*, 309-313. (The natural-born killer here is *Gammarus pulex*!)

DIONNE, K., F. CHARLES & C. NOZAIS 2014. Feeding rates of amphipods in boreal lakes: is there a seasonal shift independent of temperature and photoperiod? ---- *Hydrobiologia 730*, 167-177. (Yes, there is; a Canadian study on *Hyalella azteca*)

DOBRZYCKA-KRAHEL, A. & B. GRACA 2014. Laboratory study of the effect of salinity and ionic composition of water on the mortality and osmoregulation of the gammarid amphipod *Dikerogammarus haemobaphes* (Eichwald, 1841): implications for understanding its invasive distribution pattern. ---- *Marine and Freshwater Behaviour and Physiology*, in press. DOI: 10.1080/10236244.2014.932141

DOBRZYCKA-KRAHEL, A., M. KRZAK & A. SZANIAWSKA 2014. A laboratory-based comparison of osmoregulatory ability at different water temperatures and salinities in the stenothermic isopod *Saduria entomon* (Linnaeus, 1758) and the eurythermic amphipod *Corophium volutator* (Pallas, 1766) from the Baltic Sea. ---- *Marine and Freshwater Behaviour and Physiology 47*, 29-39.

DODD, J. A., J. T. A. DICK, M. E. ALEXANDER, C. MacNEIL, A. M. DUNN & D. C. ALDRIDGE 2013. Predicting the ecological impacts of a new freshwater invader: functional responses and prey selectivity of the " killer shrimp", *Dikerogammarus villosus*, compared to the native *Gammarus pulex*. ---- *Freshwater Biology 59(2)*, 337-352.

DUARTE, C., K. ACUÑA, J. M. NAVARRO, I. GOMEZ, E. JARAMILLO & P. QUIJON 2013. Variable feeding behavior in *Orchestoidea tuberculata* (Nicolet, 1849): Exploring the relative importance of macroalgal traits. ---- *Journal of Sea Research 87*, 1-7

DUMITRACHE, C., A. FILIMON, V. ABAZA & T. ZAHARIA 2013. Recent data on benthic populations from the sandy bottom community in the marine zone of the Danube delta biosphere reserve (ROSC10066). ---- *Cercetari Marine 43*, 219-231. (Three amphipod spp in Table 1.)

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.

DVORETSKY, A. G. & V. G. DVORETSKY 2013. Copepods associated with the red king crab *Paralithodes camtschaticus* (Tilesius, 1815) in the Barents Sea. ---- *Zoological Studies 52* (17) (Large Ischyrocerus commensalis feed on harpacticoid copepods.)

DVORETSKY, A. G. & V. G. DVORETSKY 2014. The impact of the hydrodynamic conditions in aquatic areas on the Red King Crab fouling communities of the Barents Sea. ---- *Oceanology 54*, 173-179.

EINFELDT, A. L. & J. A. ADDISON 2013. Hydrology influences population genetic structure and connectivity of the intertidal amphipod *Corophium volutator* in the northwest Atlantic. ---- *Marine Biology 160*, 1015-1027.

EL MOUSTAINE, R., A. CHAHLAOUI & EL HABIB ROUR 2013. Groundwater fauna can be used as indicators of anthropogenic impacts on aquifers: A case study from Meknes area, Morocco. ---- *International Journal of Biosciences 3* (10), 139-152.

ELDER, L. E. 2013. Metabolism, hypoxia tolerance and heat shock response of amphipods, emphasizing the hyperiid amphipod *Phronima sedentaria*. ---- *Open Access Dissertations 133*, 99 pp (Not seen)

ERIKSSON WIKLUND, A.-K. & A. ANDERSSON 2014. Benthic competition and population dynamics of *Monoporeia affinis* and *Marenzelleria* sp. in the northern Baltic Sea. ---- *Estuarine, Coastal and Shelf Science 144*, 46-53.

ERNST, W., K. DOE, A. COOK, L. BURRIDGE, B. LALONDE, P. JACKMAN. J. G. AUBÉ & F. PAGE 2014. Dispersion and toxicity to non-target crustaceans of azamethiphos and deltamethrin after sea lice treatments on farmed salmon, *Salmo salar* ---- *Aquaculture 424-425*, 104-112. (One of three test animals was Eohaustorius aestuarius, and this was very strongly affected.).

ESMAELI-RINEH, S. & A. SARI 2013. Two new species of *Niphargus* Schiödte, 1849 (Crustacea: Amphipoda: Niphargidae) from two caves in Iran. ---- Journal of Natural History 47, 2649-2669. (deals with *N. alisadri* n. sp.(Hamedan prov.) and *N. daniali* n. sp. (Mazandaran prov.).)

EUN, Y., Y.-H. KIM, E. A. HENDRYCK & K.-S. LEE 2014. The family Hyalidae (Crustacea: Amphipoda: Talitroidea) from Korean waters. I. Genus *Ptilohyale* Bousfield & Hendrycks, 2002. ---- *Zootaxa 3802*, 583-595. (Deals with *P. brevicrus* n. sp. (Geojedo Island) and *P. barbicornis*, with a note on *P. bisaeta* and a key to Korean *Ptilohyale* species.)

EUSTACE, R. M., N. M. KILGALLEN, M. C. LACEY & A. J. JAMESON 2013. Population structure of the hadal amphipod *Hirondellea gigas* (Amphipoda: Lysianassoidea) from the Izu-Bonin Trench. ---- *Journal of Crustacean Biology 33*, 793-801.

FAASSE, M. A. 2014. Introduction of *Ptilohyale littoralis* to The Netherlands. ---- *Marine Biodiversity Records 7*, e28.

FAASSE, M, G. v. MOORSEL & W. LENGKEEK 2014. (The amphipod *Lysianassa ceratina* (Walker, 1889) in the Netherlands.) ---- *Het Zeepaard 74*, 48-54 (In Dutch. First Dutch records.)

FANINI, L. & J. LOWRY 2014. Coastal talitrids and connectivity between beaches: A behavioural test. ---- *Journal of Experimental Marine Biology and Ecology 457*, 120-127. (Experimental studies on *Notorchestia quadrimana* and *Platorchestia smithi* in NSW)

FANINI, L., G. ZAMPICININI & E. PAFILIS 2013. Beach parties. A case study on recreational human use of the beach and its effects on mobile arthropod fauna. ---- *Ethology, Ecology & Evolution 26(1),* 69-79.

FECKLER, A., J. P. ZUBROD, A. THIELSCH, K. SCHWENK, R. SCHULZ & M. BUNDSCHUH 2014. Cryptic species diversity: An overlooked factor in environmental management? ---- *Journal of Applied Ecology 51(4),* 958-967.

FERNANDEZ-GONZALEZ, V. & P. SANCHEZ-JEREZ 2013. First occurrence of *Caprella scaura* Templeton, 1836 (Crustacea: Amphipoda) on off-coast fish farm cages in the Mediterranean Sea. ---- *Helgoland Marine Research 68(1)*, 187-191. (Found off the coasts of Croatia and Malta.)

FIGUEROLA, B., L. NÜNEZ-PONS, T. MONLEON-GETTINO & C. AVILA 2014. Chemo-ecological interactions in Antarctic bryozoans. ---- *Polar Biology 37(7)*, 1017-1030. (Studies involving substrate preferences in *Cheirimedon femoratus*.)

FILBEE-DEXTER, K. & R. E. SCHEIBLING 2014. Sea urchin barrens as alternative stable states pf collapsed kelp ecosystems, ---- *Marine Ecology Progress Series 495*, 1-25.

FISHER, J. D. L., D. M. MUSHET & C. A. STOCKWELL 2014. Potential for parasite-induced biases in aquatic invertebrate population studies. ---- *Hydrobiologia 722*, 199-204. (*Gammarus lacustris* with *Polymorphus* spp)

FLOT, J.-F., J. BAUERMEISTER, T. BRAD, A. HILLEBRAND-VOICULESCU, S. M. SARBU & S. DATTAGUPTA 2013. *Niphargus-Thiothrix* associations may be widespread in sulphidic groundwater ecosystems: evidence from southeastern Roumania. ---- *Molecular Ecology 23(6),* 1405-1417.

FLYNN, M. N. & W. R. L. SILVA PEREIRA 2013. Ecological model of competitive interaction among three species of amphipods associated to *Bryocladia thyrsigera* (J. Agardh) and extreme environmental stress effect. ---- *Nauplius 21*, 1-7. (*Caprella danilevskii*, *C. penantis* and *Hyale nigra*.)

FONG, P. & A. T. FORD 2013. The biological effects of antidepressants on the molluscs and crustaceans: A review. ---- *Aquatic Toxicology 151*, 4-13.

FOUCREAU, N., D. COTTIN, C. PISCART & F. HERVANT 2913. Physiological and metabolic responses to rising temperatures in *Gammarus pulex* (Crustacea) populations living under continental or Mediterranean climates. ---- *Comparative Biochemistry and Physiology A (Molecular & Integrative Physiology) 168*, 69-75.

FOUCREAU, N. N., C. PISCART, S. PUIJAION & F. HERVANT 2013. Effect of climate-related change in vegetation on leaf litter consumption and energy storage by *Gammarus pulex* from continental and Mediterranean populations. ---- *PLoS ONE 8* (10), e77242, 7 pp.

FOX, M., C. OHLAUSON, A. D. SHARER & R, J, BROWN 2014. The use of *Corophium volutator* chronic sediment study to support the risk assessment of medetomidine for marine environments. ---- *Environmental Toxicology and Chemistry 33(4)*, 937-942.

FRANCIS, F. T.-Y., K. FILBEE-DEXTER & R. E. SCHEIBLING 2014. Stalked tunicates Boltenia ovifera form biogenic habitat in the rocky subtidal of Nova Scotia. ---- *Marine Biology 161(6)*, 1375-1383.

FRUTOS, I. & J. C. SORBE 2013. Bathyal suprabenthic assemblages from the southern margin of the Capbreton Canyon («Kostarrenkala» area), SE Bay of Biscay. ---- *Deep-Sea Research II 104*, 291-309. (Many amphipod species listed in Appendix A.)

FUJI, T., N. M. KILGALLEN, A. A. ROWDEN & A. J. JAMIESON 2013. Deep-sea amphipod community structure across abyssal to hadal depths in the Peru-Chile and Kermadec trenches.. ---- *Marine Ecology Progress Series 492*, 125-138.

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FUNCK, J. A., M. DANGER, E. GISMONDI, C. COSSU-LEGUILLE, F. GUÉROLD & V. FELTEN 2013. Behavioural and physiological responses of *Gammarus fossarum* (Crustacea Amphipoda) exposed to silver. ---- *Aquatic Toxicology 142*, 73-84.

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GARTHWIN, R. G., A. G. B. POORE & A. VERGÈS 2013. Seagrass tolerance to herbivory under increased ocean temperatures. ---- *Marine Pollution Bulletin 83(2)*, 475-482. (No great differences in *Zostera muelleri*)

GERGS, R., N. STEINBERGER, T. BASEN & D.MARTIN-CREUZBURG 2014. Dietary supply with essential lipids affects growth and survival of the amphipod *Gammarus roeselii*. ---- *Limnologica 46*, 109-115.

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GOLDBLUM, D. K., M. G. CORA & A. RAK 2013. Assessing ecological risk from mercury in Little Bay estuary: a study from Fort Totten in New York. ---- *Environmental Quality Management 1*, 23-41.

GOLDSTEIN, M. C., H. S. CARSON & M. ERIKSEN 2014. Relationship of diversity and habitat area in North Pacific plastic-associated rafting communities. ---- *Marine Biology 161(6)*, 1441-1453.

GOLOVAN, O. A., 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. 2013. 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. (Amphipods listed on p. 69, many as yet unidentified.)

GOMES, V., M. J. A, C, R, PASSOS, A. J. S. ROCHA, T. C. A. DOS SANTOS, A. S. D. MACHADO & V. N. PHAN 2013. Metabolic rates of the Antarctic amphipod *Gondogeneia antarctica* at different temperatures and salinities. ---- *Brazilian Journal of Oceanography 61*, 243-249

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GOOS, J.M., R.D.COTHRAN & P.D.JEYASINGH 2014. Subtle variation in phosphorous availability influences mating biology in *Hyalella* (Amphipoda: Hyalellidae) amphipods. ---- *Biological Journal of the Linnean Society 111* (4), 878-888.

GOOS, J. M., B. J. FRENCH, R. A. RELYEN, R. D. COTHRAN & P. D. JEYASINGH 2013. Sex-specific plasticity in body phosphorus content of *Hyalella* amphipods. ---- *Hydrobiologia 722*, 93-102.

GOTT, R. C., Y. LUO, Q. WANG & W. O. LAMP 2014. Development of a polymer nanoparticle-based method of oral toxicity testing in marine invertebrates. ---- *Ecotoxicology and Environmental Safety 104*, 226-230. (Test animal was *Hyalella azteca*).

GRABNER, D. S., G. SCHERTZINGER & B. SURES 2014. Effect of multiple microsporidian infections and temperature stress on nthe heat shock protein 70 (hsp70) response of the amphipod *Gammarus pulex*. ---- *Parasites & Vectors 7* (170), 9 pp.

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1835-1841. (*A. tridentata* n. sp. from Praia de Suape, Pernambuco State. With a key to *Aciconula* species.)

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GUERRA-GARCIA, J. M. & E. A. HENDRYCKS 2013. A new species of *Liropus* (Crustacea, Amphipoda, Caprellidae) from California, USA, with an illustrated key of the genus. ---- *Zootaxa 3718*, 467-476. (*L. minusculus* n. sp. from S. Catalina Island, California)

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.

GUERRA-GARCIA, J. M., J. M. TIERNO DE FIGUEROA, C. NAVARRO-BARRANCO, M. ROS, J. E. SANCHEZ-MOYANO & J. MOREIRA 2013. Dietary analysis of the marine Amphipoda (Crustacea: Peracarida) from the Iberian peninsula. ---- *Journal of Sea Research 85*, 508-517. (An important paper, with much new information and most interesting discussions.)

GUPTA, T. & C. G. EXTAVOUR 2013. Identification of a putative germ plasm in the amphipod *Parhyale hawaiensis*. ---- *EvoDevo 4*:34. http://www.evodevojournal.com/content/4/1/34

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HAMED, E. S. A. E., F. A. ABDEL RAZEK, M. M. A. ZAID & T. A. A. MOHAMMED 2014. Habitat preference by the marine amphipod *Cymadusa filosa* (Savigny, 1816) (Gammaridae) (sic!), using different artificial substrata from northern Hurghada, Red Sea, Egypt. ---- *International Journal of Development Research 4*, 949-952.

HAMMANN, S. & M. ZIMMER 2014. Wind-driven dynamics of beach-cast wrack in a tide-free system. ---- *Open Journal of Marine Science 4*, 68-79.

HANNA, S. K., R. J. MILLER, D. ZHOU, A. A. KELLER & H. S. LENIHAN 2013. Accumulation and toxicity of metal oxide nanoparticles in a soft-sediment estuarine amphipod. ---- *Aquatic Toxicology 142*, 441-446. (*Leptocheirus plumulosus*)

HANNIBAL, R. L. & N. H. PATEL 2013. What is a segment? ---- *EvoDevo 4*: 35

HANSEN, B. H., D. ALTIN, K. BONAUNET & I. B. ØVERJORDET 2014. Acute toxicity of eight oil spill response chemicals to temperate, boreal and arctic species. ---- *Journal of Toxicology and Environmental Health A 77(9-11)*, 495-505. (i.a. *Corophium volutator*)

HARRIS, L., E. E. CAMPBELL, R. NEL & D. SCHOEMAN 2014. Rich diversity, strong endemism, but poor protection: addressing the neglect of sandy beach ecosystems in coastal conservation planning. ---- *Diversity & Distributions*, in press (A South African study.)

HATCHER, M. J., J. T. A. DICK & A. M. DUNN 2014. Parasites that change predator or prey behaviour can have keystone effects on community composition. ---- *Biology Letters 10(1)*, 20130879 doi:10.1098/rsbl.2013.0879

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HAYE, P. A., N. I. SEGOVIA, N. C. MUÑOZ-HERRERA, F. E. GALVEZ, A. MARTINEZ, A. MEYNARD, M. C. PARDO-GANDARILLAS, E. POULIN & S. FAUGERON 2014. Phylogeographic structure in benthic marine invertebrates of the southeast Pacific coast of Chile with differing dispersal potential. ---- *PloS One 9*(2), e88613. (i.a. *Orchestoidea tuberculata*)

HAYFORD, B., C. GOULDEN & B. BOLDGIV 2013. Spatial heterogeneity in macroinvertebrate density from lake Hövsgöl, Mongolia. ---- *Journal of Species Research 2(2)*, 159-166. doi: 10.12651/JSR.2013.2.2.000

HERRERA, A., J. M. LANDEIRA, F. TUYA, T. PACKARD, F. ESPINO & M. GOMEZ 2014. Seasonal variability of suprabenthic crustaceans associated with *Cymodocea nodosa* seagrass meadows off Gran Canaria (eastern Atlantic). ---- *Continental Shelf Research 88*, 1-10. (12 amphipod spp in Table 2)

HOANG, D. T. 2012. (A preliminary study of species composition of zoobenthos on the lower section of Hieu River, Quang Tri Province.) ---- *Vietnam Journal of Biology 34*-3 (In Vietnamese, not seen)

HODSON, P. V., K. NORRIS, M. BERQUIST, L. M. CAMPBELL & J. J. RIDAL 2014. Mercury concentrations in amphipods and fish of the Saint Lawrence River (Canada) are unrelated to concentrations of legacy mercury in sediments. *Science of the Total Environment 494-405,* 218-228

HOLSINGER, J. R. & L. ANSELL 2014. A new species of the subterranean amphipod genus *Stygobromus* (Amphipoda: Crangonyctidae) from two caves and a spring in western Maryland, USA with additional records of undescribed species from groundwater habitats in central Maryland. ---- *Zootaxa* 3768, 386-394. (*S. amicus* Holsinger n. sp.)

HOOK, S. E., H. L. OSBORN, L. A. GOLDING, D. A. SPADARO & S. L. SIMPSON 2014. Dissolved and particulate copper exposure induces differing gene expression profiles and mechanisms of toxicity in the deposit feeding amphipod *Melita plumulosa*. ---- *Environmental Science & Technology 48(6)*, 3504-3512.

HOOK, S. E., N. A. TWINE, S. L. SIMPSON, D. A. SPADARO, P. MONCUQUET & M. R. WILKINS 2013. 454 pyrosequencing based analyses of gene expression profiles in the amphipod *Melita plumulosa*: transcriptome assembly and toxicant induced changes. ----*Aquatic Toxicology 153*, 73-88.

HORTON, T. & M. H. THURSTON 2014. A revision of the bathyal and abyssal necrophagic genus *Cyclocaris* Stebbing, 1888 (Crustacea: Amphipoda: Cyclocaridae) with the addition of two new

species from the Atlantic Ocean. ---- *Zootaxa 3796*, 307-327. (Deals with *C. lowryi* n. sp. (Cape Verde Abyssal Plain, 4555m), *C. franki* n. sp. (Angola Slope, 2059m), *C. guilelmi* and *C. tahitiensis*. A key is provided.)

HOU, Z., J. LI & S. LI 2014. Diversification of low dispersal crustaceans through mountain uplift: a case study of *Gammarus* (Amphipoda: Gammaridae) with descriptions of four novel species. ---- *Zoological Journal of the Linnean Soiety 170* (4), 591-633. (New species described are *Gammarus incoercitus* sp.nov., *G. beningus* sp. nov., *G. monticellus* sp. nov and *G. pisinnus* sp. nov. -all from localities in rivers along the Lüliang and Taihang mountains in China. A key to these and related species in the area is provided. COI, 16S, 28S and cytosolic hsp used to analyse phylogeny, which seems to coincide with uplift of mountain ranges.)

HOU, Z., B. SKET & S. LI 2013. Phylogenetic analyses of Gammaridae crustaceans reveal different diversification patterns among sister lineages in the Tethyan region. ---- *Cladistics* (2013), 1-13. (An important and long–awaited paper, that also will lead to taxonomic revisions in this group.)

HUA, J. & R. RELYEA 2014. Chemical cocktails in aquatic systems: Pesticide effects response and recovery of >20 animal taxa. ---- *Environmental Pollution 189*, 18-26. (*Crangonyx pseudocracilis* used as amphipod taxon, with distinct lethal effects.)

HUGHES, L. E. & R. A. PEART 2013. New species and new records of *Ampithoidae* (Peracarida: Amphipoda) from Australian waters. ---- *Zootaxa 3719*, 1-102. (Deals with *Ampithoe kava*, *A. kuala*, *A. mantissa* n. sp. (Point Pirie, SA), *A. prolata* n. sp. (Woodman Point, WA), *A. rosema*, *Cymadusa alixis*, *C. botulus* n. sp. (Woodman Point, WA), *C. brevidactyla*, *C. chalongana*, *C. drummondae* n. sp. (Cape Otway, Va), *C. euclidius* n. sp. (Vancouver peninsula, WA), *C. hadros* n. sp. (Cape Northumberland, SA), *C. hallex* n. sp. (Woodman Point, WA), *C. hentyana* n. sp. (Henty Reef, Va), *C. imbroglio*, *C. jubata* n. sp. (Gulf St Vincent, SA), *C. lumanus* n. sp. (Boucat Bay, Arnhem Land, NT), *C. platyx* n. sp. (Duke of Orleans Bay, WA), *C. priscileo* n. sp. (Broulee Island, NSW), *C. setosa*, *C. vadosa*, *Paragrubia apoorei* n. sp.(Cocos Keeling Islands), *P. cassini* n. sp. (Cassini Island , Kimberley, WA), *P. dongara* n. sp. (Cape Naturaliste, WA), *P. dwyeri* n. sp. (Christmas island), *P. pilipes* (transferred from Cymadusa), *P. springthorpei* n. sp. (Kalbarri, WA), *P. vorax*, *Peramphithoe aorangi*. *P. bungareei* n. sp. (Broken Bay, NSW), and *Plumithoe quadrimana*. The genera *Cymadusa* and *Paragrubia* get new and more stringent diagnoses; as a result, *C. mahafalensis* is transferred to *Paragrubia*, as is *C. variata*, while *P. uncinata* is transferred the other way, to *Cymadusa*).

IANNILLI, V. & R. VONK 2013. A new ingolfiellid (Crustacea, Amphipoda, Ingolfiellidae) from an anchialine pool on Abd al Kuri island, Socotra Archipelago, Yemen. ---- *ZooKeys 302*, 1-12. (*I. arganoi* n. sp.)

IHTIMANSKA, M., E. VARADINOVA, S. KAZAKOV, R. HRISTOVA, S. NAUMOVA & L. PEHLIVAN OV 2014. Preliminary results about the Distribution of Macrozoobenthos along the Bulgarian Stretch of the Danube River with Respect to Loading of Nutrients, Heavy Metals and Arsenic. *Acta Zoologica Bulgarica, suppl 7,* 165-171

JACQUIN, L., Q. MORI, M. PAUSE, M. STEFFEN & V. MEDOC 2014. Non-specific manipulation of gammarid behaviour by *P. minutus* parasite enhances their predation by definitive bird hosts. ---- *PLoS One 9(7),* e101684. (Studies on *Echinogammarus berilloni*)

JAZDZEWSKA, A., K. JAZDZEWSKI & M. BLAZEWICZ-PASZKOWYCZ 2013. (Malacostracan Crustacea of Admiralty Bay (King George Island) and their role in the ecosystem of this Antarctic fiord.) ---- *Kosmos 62*, 297-308. (In Polish)

JAZDZEWSKI, K., M. GRABOWSKI & J. KUPRYJANOWICZ 2014. Further records of Amphipoda from Baltic Eocene amber with first evidence of prae-copulatory behavior in a fossil amphipod and remarks on the taxonomic position of *Palaeogammarus* Zaddach, 1864. ---- *Zootaxa 3765*, 401-417. (*Palaeogammarus debroyeri* n. sp. (belonging to the Gammaridae, not as hitherto thought the Crangonyctidae), and *Synurella aliciae* n. sp., both from Polish amber.)

JELASSI, R., A. AYARI & K. NASRI-AMMAR 2014. Effect of light intensity on the locomotor activity rhythm of *Orchestia montagui* and *Orchesta gammarella* from the supralittoral zone of Bizerte lagoon (North of Tunisia). ---- *Biological Rhythm Research*, in press. DOI: 10.1080/09291016.2014.923617

JELASSI, R., M. ZIMMER, H. KHEMAISSIA, D. GARBE-SCHÖNBERG & K. NASRI-AMMAR 2013. Amphipod diversity at three Tunisian lagoon complexes in relation to environmental conditions. ---- *Journal of Natural History 47*, 2849-2868.

JENSEN-FONTAINE, M., W. NORWOOD, D. G. DIXON, M. BROWN & X. C. LE 2013. Uptake and speciation of vanadium in the benthic invertebrate *Hyalella azteca*. ---- *Environmental Science and Technology 48(1)*, 731-738.

JOANNES, A., C. LAGRUE, R. POULIN & S. BELTRAN-BECH 2014. Effects of genetic similarity on the life-history stretegy of co-infecting trematodes: are parasites capable of intrahost kin recognition? ---- *Journal of Evolutionary Biology 27(8)*, 1623-1630. (Trematode parasites of *Paracalliope fluviatilis* and *Paracorophium excavatum* in New Zealand)

JOHNSON, J. H. 2014. Seasonal drift and feeding periodicity during summer of the amphipod, *Gammarus pseudolimnaeus*. ---- *Journal of Freshwater Ecology 29(2)*, 301-305.

JUNG, T. W. & S. M. YOON 2013. New record of a hyalid species, *Protohyale (Boreohyale) triangulata* (Crustacea: Amphipoda: Hyalidae) from Korea. ---- *Animal Systematics, Evolution and Diversity 29*, 198-205.

JUNOY, J., C. CASTELLANOS, R. BERNARDO-MADRID , R. RIERA & J. M. VIEITEZ 2013. Macroinfaunal recovery on the beach most severely affected by the “Prestige” oil spill (O Rostro, Galicia, north-west Spain). ---- *Journal of the Marine Biological Association UK 94(1)*, 17-24. (Apparently more or less complete recovery.)

KAIM-MALKA, R. A. 2014. New lysianassoid amphipods from the North Eastern Atlantic Ocean. ---- *Zootaxa 3821*, 551-566. (Deals with *Ambasia anophthalma* n. sp. (Bay of Biscay, 1466m) and *Bathyamaryllis biscayensis* n. sp. (Bay of Biacay, 1460m). A key to *Bathyamaryllis* spp is provided.)

KAJIHARA, H., E. NISHI, M. KAWABATA, H. KOHTSUKA & D. UYENO 2014. Records of the poorly known ribbon worm *Nipponemertes ogumai* (Nemertea: Monostylifera) and its phylogenetic position. ---- *Marine Biology*, in press. DOI 10.1007/s12526-014-0252-1 (*Nipponemertes* spp are predators of amphipods)

KALCIKOVA, G., D. ENGLERT, R. R. ROSENFELDT, F. SEITZ, R. SCHULZ & M. BUNDSCHUH 2014. Combined effect of UV-radiation and TiO2-nanoparticles on the predator-prey interaction of gammarids and mayfly nymphs. ---- *Environmental Pollution 186*, 136-140.

KALINKINA, N. M., N. A. BELKINA, T. N. POLYAKOVA & M. T. SYARKI. Bioindication of the state of deep-water areas in Petrozavodsk Bay, Lake Onega, by macrozoobenthos characteristics. ---- *Water Resources 40*, 528-534.

KALINKINA, N. M., N. A. BERZINA, A. I. SIDOROVA, N. A. BELKINA & A. K. MOROZOV 2013. Toxicity bioassay of bottom sediments in large water bodies in northwestern Russia with the use of crustaceans. ---- *Water Resources 40*, 657-666.

KANEYA, G. 2014. Recolonization of macrozoobenthos on defaunated sediments in a hypertrophic brackish lagoon: effects of sulfide removal and sediment grain size. ---- *Marine Environmental Research 95*, 81-88. (A study in a Japanese lagoon)

KARAMAN, G. S. 2012. Further studies on genus *Niphargus* Schiödte, 1849 (fam. Niphargidae) from the Near East (Contribution to the knowledge of the Amphipoda 260). ---- *Agriculture & Forestry, Podgorica 55*, 49-74. (Deals with *Niphargus tauri afioni* n. subsp. (near Afion, Turkey), *N. nadarini favitor* n. subsp. (Al Nabk, Syria) and *N. nadarini iraquensis* n. subsp (Haditha, Iraq.) A key to the taxa in the *nadarini*-complex is provided.)

KARAMAN, G. S. 2012. Further investigations of the subterranean genus *Niphargus* Schiödte, 1849 (fam. Niphargidae) in Serbia. (Contribution to the knowledge of the Amphipoda 264.) ---- *Agriculture & Forestry, Podgorica 58*, 45-64. (Deals with *Niphargus bozanae omnivagus* n. subsp (Pustra Reka, between Nis and Leskovac, Serbia).)

KARAMAN, G. S. 2014. New member of the family Niphargidae from Croatia, *Niphargus radzai*, sp. n. (Contribution to the knowledge of the Amphipoda 273). ---- *Zootaxa 3811*, 585-598. (From the Dinarian Mountains).

KARATAYEV, A. Y., L. E. BURLAKOVA & D. K. PADILLA 2014. Zebra versus quagga mussels: a review of their spread, population dynamics, and ecosystem impacts. ---- *Hydrobiologia*, in press. DOI 10.1007/s10750-014-1901-x

KEDRA, M., P. E. RENAUD, H. ANDRADE, I. GOSZCZKO & W. G. AMBROSE. Benthic community structure, diversity, and productivity in the shallow Barents Sea bank (Svalbard Bank). ---- *Marine Biology 160(4)*, 805-819.

KERSKEN, D., C. GÖCKE, A. BRANDT, F. LEJZEROWICZ, E. SCHWABE, M. A. SEEFELDT, G. VEIT-KÖHLER & D. JANUSSEN 2014. The infauna of three widely distributed sponge-species (Hexatinellida and Demospongiae) from the deep Ekström shelf in the deep Weddell-sea, Antarctica. *Deep Sea Reseach II,* in press.

KHALAYI-PIRBALOUTY, V. 2014. The morphology, arrangement, and ultrastructure of a new type of microtrich sensilla in marine isopods (Crustacea, Isopoda). ---- *Zoological Studies 53*: 7

KHARLAMENKO, V. I., A. BRANDT, S. I. KIYASHKO & L. WÜRZBERG 2013. Trophic relationship of benthic invertebrate fauna from the continental slope of the Sea of Japan. ---- *Deep-Sea Research II 86-87*, 34-42.

KIELSTRA, B. W. 2014. Thinking outside the lake: multiple scales of amphipod recovery. ---- M. Sc Thesis, Quee's University, Kingston, Ontario, Canada, 92 pp (Not seen)

KILGALLEN, N. M. 2014. Three new species of *Hirondellea* (Crustacea, Amphipoda, Hirondelleidae) from hadal depths of the Peru-Chile trench. ---- *Marine Biology Research*, in press. (Deals with *H. sonne* n. sp., 7080m, *H. thurstoni* n. sp., 8072m, and *H. wagneri* n. sp., 6173m. A key to all *Hirondellea* species is provided.)

KILGALLEN, N. M. & J. K. LOWRY 2013. The lysianassid genus *Pseudambasia* in Australian waters (Crustacea, Amphipoda, Lysianassidae, Lysianassinae). ---- *Zootaxa 3710*, 301-321. (Deals with *P. acuticaudata*, *P. dartnalli* n. sp. (Schouten Island, Tas.), *P. lochi* n. sp. (Spencer Gulf, S. Aus.), *P. ponderi* n. sp. (Thursday Isl., Torres Str., Qld), *P. poorei* n. sp. (Tiparra Bay, S. Aus.), *P. sheardi* n. sp.(Spencer Gulf, S. Aus.), and *P. springthorpei* n. sp.(Rottnest Isl., W. Aus.). A key is provided.)

KILGALLEN, N. M. & J. K. LOWRY 2014. The *Tryphosa* group (Crustacea: Amphipoda: Lysianassoidea: Lysianssidae: Tryphosinae). ---- *Zootaxa 3768*, 501-545 (deals with *Bruunosa bruuni*, *Glorieusella* n. gen. for *G. incerta*, transferred from *Thrombasia*, *Gronella groenlandica* and *G. lobata*, *Metambasia faeroensis*, *Pseudonesimus* (revived, with *Aristiopsis* as junior synonym) with the species *P. abyssi*, *P. cedrosianus* (transferred from *Schisturella*), *P. parachelatus* (transf. from *Schisturella*), *P. robustus* (transf. from *Aristiopsis*), *P. tacitus* (transf. from *Aristiopsis*), *P. tasmanicus* (previously considered a subspecies of *P. abyssi*) and *P. zopa* (transf. from *Schisturella*). *Schisturella*, with the species *S. adversicola*, *S. cocula*, *S. dorotheae*, *S. hansgeorgi*, *S. pulchra*, *S. rosa* n. sp. (Broken Bay, NSW, Australia) and *S. spinirama*, and *Thrombasia*, with the species *T. evalina* n. sp. (Broken Bay, NSW, Austr.), *T. grabensis* and *T. rotundata* (both transferred from *Schisturella*), *T. saros* n. sp. (Point Hicks, Victoria, Austr.), *T. tracalero*, and *T. umina* n. sp. (Broken Bay, NSW, Austr.); finally *Tryphosa*, with the species *T. crenata* and *T. nana*, earlier traditionally called *Orchomenella*. A key to the genera is provided.)

KIM, J.-H., A. JAZDZEWSKA, H.-G. CHOPI & W. KIM 2014. The first report on Amphipoda from Marian Cove, King George Island, Antarctic. ---- *Oceanological and Hydrobiological Studies 43*, 106-111. (Lists 22 spp, of which 6 are new to Maxwell Bay. *Prostebbingia brevicornis* is fully illustrated for the first time.)

KIM, M.-S. & G.-S. MIN 2011. First record of *Paciforchestia pyatakovi* (Crustacea: Amphipoda: Talitridae) from Korea. ---- *Korean Journal of Systematic Zoology 27*, 123-130.

KIM, M.-S. , J.-H. JUNG & G.-S. MIN 2013. A new beach-hopper, *Platorchestia parapacifica* n. sp. (Amphipoda. Talitridae) , from South Korea, with molecular phylogeny of the genus *Platorchestia*. ---- *Journal of Crustacean Biology 33(6)*, 828-842.

KIM, Y.-H. 2011. Arthropoda: Crustacea: Malacostraca: Amphipoda; Corophiidea, Gammaridea. Side Swimmers 1. ---- Invertebrate Fauna of Korea. Flora and Fauna of Korea. National Institute of Biological Resources. Ministry of Environment. (This beautifully produced and illustrated book deals with the families Ampeliscidae (8 spp), Amphilochidae (3), Ampithoidae (13), Anamixidae(1), Aoridae (2), Atylidae(4), Colomastigidae (2), Corophiidae (6) and Dexaminidae (5). Complete descriptions and iluustrations are furnished throughout, as well as identification keys. No new species are described.)

KIM, Y.-H. & E. A. HENDRYCKS 2013. A new species of Socarnes Boeck, 1871 (Crustacea, Amphipoda, Lysianassidae) from Korean waters. ---- *ZooKeys 357*, 1-10 (*S. tongyeongensis* n. sp. from Tongyeong-si, Gyeongsangnam-do, Korea. A key to all *Socarnes* species is provided.)

KIM, Y.-H. & S.-S. HONG 2014. First recorded family Odiidae (Crustacea, Amphipoda, Gammaridea) from the Korean coast, with description of newly recorded species. ---- *Animal Systematics, Evolution and Diversity 30,* 137-143 (On *Cryptodius kelleri*.)

KING, R. A. & R. LEYS 2014. Molecular evidence for mid-Pleistocene divergence of populations of three freshwater amphipod species (Talitroidea: Chiltoniidae) on Kangaroo Island, South Australia, with a new spring-associated genus and species. ---- *Australian Journal of Zoology 62*, 137-156. (Not seen. With *Kartachiltonia moodyi* n. gen. n. sp..)

KLUG, H. & M. B. BONSALL 2014. What are the benefits of parental care? The importance of parental effects on developmental rate. ---- *Ecology and Evolution 4(12)*, 2330-2351.

KOLARIKOVA, K., J. HORECKY, M. LISKA, M. JICHOVA, J. TATOSOVA, N. LAPSANSKA, Z. HORICKA, P. CHVOJKA, L. HERAN, V. KOSEL, J. MATENA, Z. CIAMPOROVA-ZATOVICOVA, I. KRNO, E. BULANKOVA, F. SPORKA, P. KMENT & E. STUCHLIK 2014. Benthic macroinvertebrates along the Czech part of the Labe and lower section of the Vltava rivers from 1996-2005, with a particular focus on rare and alien species. ---- *Biologia 69*, 508-521.

KOO, B. J. & C.-H. KOH 2013. Oxygen penetration through invertebrate burrow walls in Korean tidal flat. ---- *Ocean Sciences Journal 48*, 329-338. (i.a. *Sinocorophium japonicum*.)

KOTTA, J., K. TORN, G. REISALU & T. VEBER 2013. Relationships between mechanical disturbance and biomass of the invasive amphipod *Gammarus tigrinus* within a charophyte-dominated macrophyte community. ---- *Marine Ecology 35*, 11-18.

KOVARIK, I. 2013. (Seasonal changes in biomarkers of oxidative stress in the amphipod Gammarus fossarum Koch.). ---- M- Sc Thesis, Univ. of Zagreb, 66 pp (In Kroatian, not seen)

KRAFT, A., E. M. NÖTHIG, E. BAUWERNFEIND, D. J. WILDISH, G. W. POHIE, U. V. BATHMANN, A. BESZCZYNSKA-MÖLLER & M. KLAGES 2013. First evidence of reproductive success in a southern invader indicates possible community shifts among Arctic zooplankton. ---- *Marine Ecology Progress Series 493*, 291-296 (Not seen, concerns *Themisto compressa*)

KRAPP-SCHICKEL, T. 2013. On Austral-Antarctic stenothoids (Amphipoda), part 3: *Torometopa*, *Scaphodactylus*, and two new genera. ---- *Crustaceana 86*, 829-852. (Deals with *Scaphodactylus* with 7 species (*Metopa longipalma*, with *Torometopa elephantensis* as a junior synonym, is transferred to *Scaphodactylus*); *Ligulodactylus* n. gen. (type species *Scaphodactylus simus* (a junior synonym of *L. macrocheir* (Schellenberg), of which also *Torometopa nitita* is a junior synonym), further species *L. bentarti*, both transferred from *Scaphodactylus*; *Torometopa* with 10 species, of which *T. aequalis* is dubious, and *T. palmata* and *T.* cf *parallelocheir* are illustrated, and *Kyphometopa* n. gen, with *K. medipa* as type and *K. saldanhai* as further species, both transferred from *Torometopa*. The paper also contains a cladogram, an identification key, a discussion of the possible validity of the family Metopidae, and full illustrations of *Metopa spitzbergensis*.)

KRAPP-SCHICKEL, T. & C. DE BROYER 2014. Revision of *Leucothoe* (Amphipoda, Crustacea) from the Southern Ocean: a cosmopolitan concept is vanishing. ---- *European Journal of*

Taxonomy 80, 1-55. (This important paper deals with *Leucothoe antarctica*, *L. campbelli* n. sp. (Campbell Isl., NZ), *L. longimembris* n. sp.E. Weddell Sea, 1050m), *L. macquariae* n. sp. (Macquarie Isl., Austr.), *L. merletta* n. sp. (Breid Bay, Antarctic), *L. orkneyi* and *L. weddellensis* n. sp. (Scotia Sea, N. of Elephant Isl.). A key to all southern species is provided.)

KUKLIN, A. P., G. Ts. TSYBEMITOVA & E. P. GORLACHEVA 2013. State of lake ecosystems in Onon-Torei Plain in 1983-2011 (Eastern Transbaikalia). ---- *Arid Ecosystems 3*, 122-130.

KUPISCH, M., S. MOENICKES, J. SCHLIEF, M. FRASSI & O. RICHTER 2012. Temperature-dependent consumer-resource dynamics: A coupled structured model for *Gammarus pulex* (L.) and leaf litter. ---- *Ecological Modelling 247*, 157-167.

LAETZ, E., C. O. COLEMAN, G. CHRISTA & H. WÄGELE 2013. Behavioral interactions between *Tritaeta gibbosa* (Crustacea; Amphipoda) and *Ocnus planci* (Echinodermata, Holothuroidea). ---- *Vie et Milieu-Life and Environment 63*, 105-117

LAHIVE, E., J. O'HALLORAN & M. A. K. JANSEN 2014. A marriage of convenience; a simple food chain comprised of *Lemna minor* (L.) and *Gammarus pulex* (L.) to study the dietary transfer of zinc. ---- *Plant Biology*, in press. DOI: 10.1111/plb.12179

LANGE, I. & C. L. GRIFFITHS 2014. Large-scale spatial patterns within soft-bottom epibenthic invertebrate assemblages along the west coast of South Africa, based on the Nansen trawl survey. ---- *African Journal of Marine Science 36*, 111-124.

LASIER, P. J. & M. L. URICH 2014. A simple control for sediment-toxicity exposures using the amphipod, *Hyalella azteca. ---- Bulletin of Environmental Contamination and Toxicology 93(3)*, 263-267.

LASTRA, M., I. F. RODIL, A. SANCHEZ-MATA, M. GARCIA-GALLEGO & J. MORA 2014. Fate and processing of macroalgal wrack subsidies in beaches of Deception Island, Antarctic Peninsula. ---- *Journal of Sea Research 88*, 1-10. (The main consumers were *Gondogeneia antarctica* and *Cheirimedon femoratus*.)

LATTANZI, L., M. TARGUSI, L. NICOLETTI 2013. Amphipod assemblages before and after beach nourishment in the central Adriatic Sea (Italy). *Crustaceana 86*, 853-870 DOI: 10.1163/15685403-00003214

LAVANIEGOS, B. E. 2014. Pelagic amphipod assemblages associated with subarctic water off the West Coast of the Baja California Peninslula. ---- *Journal of Marine Sciences 132*, 1-12.

LAVENDER, J. T., K. A. DAFFORN & E. L. JOHNSON 2014. meso-predators: A confounding variable in consumer exclusion studies. ---- *Journal of Experimental Marine Biology and Ecology 456*, 26-33.

LAWLESS, A. S. & R. D. SEITZ 2014. Effects of shoreline stabilization and environmental variables on benthic infaunal communities in the Lynnhaven River System of Chesapeake Bay. ---- *Journal of Experimental Marine Biology and Ecology 457*, 41-50.

LE, H. A. & N. T. DANG 2010. ((Ampeliscid crustaceans *Ampeliscidae* (Amphipoda-Gammaridea) from nearshore waters of Vietnam). ---- *Vietnam Journal of Biology 32* (4), 40-44. (In Vietnamese.

35 spp are listed, among them 6 new species, named here but not described. They are described in Dang & Le 2013, I think. WV)

LEBRUN, J. D., D. LEROY, A. GIUSTI, C. GOURLAY-FRANCÉ & J.-P. THIBAUT 2014. Bioaccumulation of polybrominated diphenyl ethers (PBDEs) in *Gammarus pulex*: Relative importance of different exposure routes and multipathway modeling. ---- *Aquatic Toxicology 154,* 107-113.

LEE, C.-H., J.-H. LEE, C.-G. SUNG, S.-D. MOON, S.-K. KANG, J.-H. LEE, U. H. YIM, W. J. SHIM & S. Y. HA, 2013. Monitoring toxicity of polycyclic aromatic hydrocarbons in intertidal sediments for five years after the Hebei Spirit oil spill in Taean, republic of Korea. ---- *Marine Pollution Bulletin 76(1)*, 241-249.

LEE, K.-S. & S.-S. HONG 2011. Arthropoda: Crustacea: Malacostraca: Amphipoda: Caprellidea: Caprellidae. Skeleton Shrimps. ---- *Invertebrate Fauna of Korea 21-7*, 1-107. (This beautiful and well illustrated book, earlier overlooked unfortunately, deals with no less than 29 *Caprella* spp, all earlier described, and one species each in the genera *Protella*, *Paracaprella*, *Paraprotella*, *Protomima* and *Pseudoproto*.)

LEEUWEN, C. H. A. van, G. van der VELDE, J. M. van GROENENDAEL & M. KLAASSEN 2012. Gut travellers: internal dispersal of aquatic organisms by waterfowl. ---- *Journal of Biogeography 39*, 2031-2040.

LEFCHECK, J. S., J. v. MONTFRANS, R. J. ORTH, E.L. SCHMITT, J. E. DUFFY & M. W. LUCKENBACH 2014. Epifaunal invertebrates as predators of juvenile bay scallops (*Argopectren irradians*). ---- *Journal of Experimental Marine Biology and Ecology 454*, 18-25.

LEITE, N., A. GUERRA, A. ALMEIDA, J. C. MARQUES & I. MARTINS 2014 (appeared 2013). Long term variation of an amphipod species' population secondary production as indicator of incomplete resilience in a temperate estuary. ---- *Ecological Indicators 36*, 324-333. (On *Echinogammarus marinus*.)

LEUNG, J. 2014. Implications of copper and nickel exposure to different members of the *Hyalella azteca* species complex. ---- M Sc Thesis, Univ. of Waterloo, Canada (Not seen)

LI, S, L. K. WALLIS, H. MA & S. A. DIAMOND 2013. Phototoxicity of TiO2 nanoparticles to a freshwater benthic amphipod: Are benthic systems at risk? ---- *Science of the Total Environment 466*, 800-808. (Not seen. The amphipod is Hyalella azteca.)

LIASHENKO, A. & K. ZORINA-SAKHAROVA 2014. Macroinvertebrates of the marine edge and fore-delta of Kyliya Branch of the Danube River. ---- *Acta Zoologica Bulgarica, Suppl.7*, 19-25.

LINGAFELTER, S. W. & E. H. NEARNS 2013. Elucidating article 45.6 of the international Code of Zoological Nomenclature: A dichotomous key for the determination of subspecific or infrasubspecific rank. ---- *Zootaxa 3709*, 597-600.

LÖF, M. 2014. Biomarkers and bioindicators of hypoxia and sediment toxicity in *Monoporeia affinis*. ---- PhD Thesis, Stockholm University (Not seen)

LONGKEEK, W., J. COOLEN, A. GITTENBERGER & N. SCHRIEKEN 2013. Ecological significance of shipwrecks in the North Sea. ---- *Nederlandse Faunistische Mededelingen 41*, 49-57.

LONGO, E. & G. MANCINELLI 2013. Size at the onset of maturity (SOM) revealed in length-weight relationship of brackish amphipods and isopods: An information theory approach. ---- *Estuarine, Coastal and Shelf Science 136*, 119-128.

LÖRZ, A. N., K. BERKENBUSCH, S. NODDER, S. AHYONG, D. BOWDEN, P. McMILLAN, D. GORDON, S. MILLS & K. MACKAY 2012. A review of deep-sea benthic biodiversity associated with trench, canyon and abyssal habitats below 1500m depth in New Zealand waters. ---- *New Zealand Aquatic Environment and Biodiversity Report 92*, 1-159. (Amphipoda on p. 45)

LÖRZ, A.-N. & C. O. COLEMAN 2014. Amazing new Amphipoda (Crustacea, Epimeriidae) from New Zealand's deep-sea. ---- *Zootaxa 3838*, 423-434. (Deals with *Epimeria sophie* n. sp. (Chatham Rise, 820m) and *E. emma* n. sp. (Challenger Plateau, 530m). Details of surface structures, as well as a key to all Pacific *Epimeria* spp, are provided.)

LÖRZ, A.-N., A- MYERS & D. GORDON 2014. An inquiline deep-water bryozoan/amphipod association from New Zealand, including the description of a new genus and species of Chevaliidae. ---- *European Journal of Taxonomy 72*, 1-17. (*Bryoconversor tutus* n. gen, n. sp. inquilinous in the bryozoan *Onchoporoides moseleyi*, type locality 45*45'S, 171*40'E)

LOURIDO, A., S. PARRA & F. SANCHEZ 2013. A comparative study of the macrobenthic infauna of two bathyal Cantabrian Sea areas: the Le Danois Bank and the Avilés Canyon system (S Bay of Biscay). ---- *Deep-Sea Research II*, in press. DOI: 10.1016/j.dsr2.2013.09.039

LOW, M. E. Y. & N. L. EVENHUIS 2013. Dates of publication of the Zoology parts of the Report of the Scientific Results of the Voyage of H. M. S. Challenger during the years 1873-1876. ---- *Zootaxa 3701*, 401-420.

LOWRY, J. K. & A. BOPIAH 2014. A new species of *Tongorchestia* from Bora Bora in the leeward Society Islands (Crustacea, Amphipoda, Talitridae). ---- *Zootaxa 3784*, 251-258. (*T. borabora* n. sp.)

LOWRY, J. K. & L. FANNINI 2013. Substrate dependent talitrid amphipods from fragmented beaches on the north coast of Crete (Crustacea, Amphipoda, Talitridae), including a redefinition of the genus *Orchestia* and descriptions of *Orchestia xylino* sp. nov. and *Cryptorchestia* gen. nov. . ---- *Zootaxa 3709*, 201-229. (Deals with *Cryptorchestia* n. gen. (type sp. *Orchestia cavimana* , 8 further species), *Orchestia* (new definition of the genus) with 15 spp (and discussion of a number of species to be removed from the genus), *O. montagui*, *O. stephenseni*, *O. xylino* n. sp. (Heraklion, Crete), and *Talitrus saltator*.)

LOWRY, J.K. & N.M. KILGALLEN 2014. A revision of the lysianassid genus *Waldeckia* with the description of four new species (Crustacea, Amphipoda, Lysianassidae, Waldeckiinae subfam. nov.). ---- *Zootaxa 3784* (4), 301-345. (Gives the new subfamily Waldeckiinae, and describes the new species *Waldeckia dempseyae* sp.nov., *W. selayarensis* sp.nov., *W. tangaroa* sp. nov. and *W. warreen* sp. nov in addition to the new combinations *Waldeckia orchospina* (Hirayama, 1986) and *W. tomokaensis* (Hirayama, 1986). New species are from Australian and Indonesian waters. A key to *Waldeckia* is provided)

LOWRY, J. K. & A. A. MYERS 2013. Validation of certain family, generic and species names in Krapp-Schickel & Müller, 2011 and Lowry & Myers, 2013. ---- *Zootaxa 3731*, 399-400.

LOWRY, J. K. & A. A. MYERS 2013. New species of *Floresorchestia* from Micronesia living in unusual habitats (Crustacea, Amphipoda, Talitridae). ---- *Zootaxa 3737*, 576-584. (Deals with *F. palau* n. sp., found on Malakal Island, Palau, in Mangrove litter high-intertidally, but also down to 3m deep in the lagoon, on Pohnpei, and *F. pohnpei* n. sp., found in a freshwater stream)

MABROUK, L., M. BEN IBRAHIM, A. HAMZA & M.-N. BRADAI 2013. Diversity and temporal fluctuations of epiphytes and sessile invertebrates on the rhizomes Posidonia oceanica in a seagrass meadow off Tunisia. ---- *Marine Ecology 35(2)*, 212-220.

MacNEIL, C. 2014 “The pump don’t work, ‘Cause the vandals took the handles”; why invasive amphipods threaten accurate freshwater biological water quality monitoring. ---- *Management of Biological Invasions 5*, in press.

MacNEIL, C. & J. T. A. DICK 2014. Physicochemical tolerance, habitat use and predation are drivers of patterns of coexistence and exclusion among invasive and resident amphipods. ---- *Freshwater Biology 59(9)*, 1956-1969.

MacNEIL, C., J. T. A. DICK, M. E. ALEXANDER, J. A. DODD & A. RICCIARDI 2013. Predators vs. aliens: differential biotic resistance to an invasive species by two resident predators. ---- *NeoBiota 19*, 1-19. (The residents are *Gammarus pulex* and *G. duebeni celticus*, the alien *Crangonyx pseudogracilis*.)

MADYAROVA, E. V., J. A. LUBYAGA, A. N. GURKOV, K. P. VERESHCHAGINA, E. M. KONDRAT’EVA, E. P. SHCHAPOVA, M. A. TIMOFEEV, T.LUCKENBACH & D. S. BEDULINA 2013. A comparative analysis of hsp70 RNA and HSP70 protein expression in two distant populations of the Baikal amphipod *Eulimnogammarus verrucosus* (Gerstf., 1858). ---- *Journal of Stress Physiology and Biochemistry 9*, 345-351.

MAJOR, K., D. J. SOUCEK, R. GIORDANO, M. J. WETZEL & F. SOTO-ADAMES 2013. The common ecotoxicology laboratory strain of *Hyalella azteca* is genetically distinct from most wild strains sampled in eastern North America. ---- *Environmental Toxicology and Chemistry 32(11)*, 2637-2647. (A problem waiting to be recognized!)

MAMOS, T., R. WATTIER, A. MAJDA, B. SKET & M. GRABOWSKI 2014. Morphological vs. molecular delineation of taxa acriss montane regions in Europe: the case study of *Gammarus balcanicus* Schäferna, (Crustacea: Amphipoda). ---- *Journal of Zoological Systematics and Evolutionary Research*, in press. doi: 10.1111/jzs.12062 (suggests relative large genetic differences within what is morphologically *G. balcanicus*, and suggests these might be new species.)

MARRON-BECERRA, A., M. HERMOSO-SALAZAR & V. SOLIS-WEISS 2014. *Hyalella cenotensis*, a new species of Hyalellidae (Crustacea: Amphipoda) from the Yucatan Peninsula, Mexico. ---- *Zootaxa 3811*, 262-270.

MARTIN, A., Y. DIAZ, P. MILOSLAVICH, E. ESCOBAR-BRIONES, J. M. GUERRA-GARCIA, M. ORTIZ, B. VALENCIA, A. GIRALDO & E. KLEIN 2013. Regional diversity of Amphipoda in the Caribbean Sea. ---- *Revista de Biologia Tropical 61*, 1681-1720. (An appendix (pp 1703-1720) lists all species and their distribution in the area.)

MARTINS, G. M., J. FARIA, M. RUBAL & A. I. NETO 2013. Linkages between rocky reefs and soft-bottom habitats: Effects of predation and granulometry on sandy macrofaunal assemblages. ---- *Journal of Sea Research 81*, 1-9.

MARUSSO, V., B. TRABUCCO, O. NONNIS, C. MAGGI, S. CECCHETTI, G. NASCETTI, D. ANG ELETTI & R. CIMMARUTA 2013. Effects of sediment management on the amphipod community off the Latium coasts (Tyrrhenian Sea) and preliminary DNA barcoding data on *Ampelisca* (Amphipoda). *Crustaceana 86*, 871-889. DOI: 10.1163/15685403-00003213

MASIKANE, N. F., B. K. NEWMAN & U. M. SCHARLER 2014. Salinity tolerance of the South African endemic amphipod *Grandidierella lignorum* (Amphipoda: Aoridae). ---- *African Journal of Marine Science 39(2)*, 151-156.

MATAFONOV, D.V. & N.V. BAZOVA 2014. Decline of *Gammarus lacustris* Sars (Crustacea: Amphipoda) Population in the Delta of the Selenga River. ---- *Biology Bulletin 41*, 168-175. DOI: 10.1134/S1062359014020071

MATAVELLI, C. & M. UEHARA-PRADO 2014. High abundance of an exotic amphipod indicates disturbance in tropical rainforests. ---- *Ecological Indicators 41*, 75-78. (*Talitroides topitotum* in SE Brazil)

McDONALD, J. H. 2013. Geographic variation in *Megalorchestia californiana* allele frequencies may be caused by winter rather than summer temperatures. ---- *Marine Ecology Progress Series 488*, 201-207.

McDOWELL, R. E., C. D. AMSLER, D. A. DICKINSON, J. B. McCLINTOCK & B. J. BAKER 2013. Reactive oxygen species and the Antarctic macroalgal wound response. ---- *Journal of Phycology 50(1)*, 71-80.

McELROY, E. J. & I. de BURON 2014. Host performance as a target og manipulation parasites: a meta-analysis. ---- *Journal of Parasitology*, in press (A review paper; not seen)

McINERNEY, C. E., L. MAURICE, A. L. ROBERTSON, L. R. F. D. KNIGHT, J. ARNSWCHEIDT, J. S. G. DOOLY, T. MATHERS, S. MATTHIJS, K. ERIKKSON, G. S. PROUDLOVE & B. HÄNFLING 2014. The ancient Britons: Groundwater fauna survived extreme climate changes over tens of millions of years across NW Europe. ---- *Molecular Ecology 23(5),* 1153-1166.

McMENAMIN, M. A. S., L. ORR, R. MINICHIELLO, L. P. ZAPATA &
MENGONI, A., A. FOCARDI, G. BACCI & A. UGOLINI 2013. High genetic diversity and variability of bacterial communities associated with the sandhopper *Talitrus saltator* (Montagu) (Crustacea, Amphipoda). ---- *Estuarine, Coastal and Shelf Science 131*, 75-82.

MELEG, I. N., V. ZAKSEK, C. FISER, B. S. KELEMEN & O. T. MOLDOVAN 2013. Can environment predict cryptic diversity? The case of *Niphargus* inhabiting western Carpathian groundwater. ---- *PLoS ONE 8* (10), e76760, 13 pp.

MENGONI, A., A. FOCARDI, G. BACCI & A. UGOLINI 2013. High genetic diversity and variability of bacterial communities associated with the sandhopper *Talitrus saltator* (Montagu) (Crustacea, Amphipoda). ---- *Estuarine, Coastal and Shelf Science 131,* 75-82.

MEYER-ROCHOW, V. B. 2014. Compound eyes of insects and crustaceans: some examples that show that there is still a lot of work left to be done. ---- *Insect Science*, in press. DOI: 10.1111/1744-7917.12117

MILNE, R. & C. L. GRIFFITHS 2013. Additions to and revisions of the amphipod (Crustacea: Amphipoda) fauna of South Africa with a list of currently known species from the region. ---- *African Natural History 9*, 61-90 (A most useful paper! Three new species are described: *Ceradocus isimangaliso* (Sodwana Bay), *Peramphithoe africana* (= *A. humeralis* Griffiths, non Conlan & Bousfield) and *Varohios serratus* (Sodwana Bay) , while 13 further species are reported for the first time from South African waters, 11 of them from Sodwana Bay in northern KwaZulu-Natal: *Ampithoe kava*, *Cymadusa cavimana*, *Siphonoecetes erythraeus*, *Ericthonius difformis* (found at Simonstown), *E. ledoyeri*, *E. pugnax* (P. Elizabeth), *Colomastix armata*, *C. plumosa*, *Elasmopus alalo*, *Quadrimaera pacifica*, *Melita excavata*, *Pereionotus alaniphlias*, and *Pseudocyphocaris coxalis*. The paper also contains a complete list of S. African amphipods.)

MIRONOV, A. N., A. B. DILMAN & E. M. KRYLOVA 2013. Global distribution patterns of genera occurring inthe Arctic ocean deeper 2000m. ---- *Invertebrate Zoology 10*, 167-194. (14 amphipod genera in Table 2, p. 174.)

MOMTAZI, F. & A. SARI 2013. Intertidal caprellids (Crustacea: Amphipoda) of the Persian Gulf and the Gulf of Oman, with description of three new species. ---- *Zootaxa 3717*, 195-223. (Deals with *Metaprotella macoranicu*s (recte: *macoranica*) n. sp. (Qeshm Island), *Monoliropus kazemii* n. sp. (Nakhle-Nakhoda), *Pseudaeginella hormozensis* n. sp. (Hormoz Island), and *Pseudocaprella pambanensis*. Synoptic tables show the differences with other species in the same genera.)

MOORE, P. G. 2013. Sea spiders misrepresented (1887) as crustacean parasites of cetaceans. ---- *Archives of Natural History 40(2)*, 354-357. (Not seen)

MOORSEL, G. van, M. FAASSE & W. LENGKEEK 2014. (The skeleton shrimp *Caprella tuberculata* Guérin, 1836 on a shipwreck in the Netherlands.) ---- *Het Zeepaard 74*, 66-70. (In Dutch. First autochthonous Dutch records.)

MORAIS, G. C. & J. T. LEE 2014. Intertidal benthic macrofauna of rare rocky fragments in the Amazon region. ---- *Revista de Biologia Tropical 62*, 69-86. (Not seen)

MORINO, H. 2013. New records of the land-hopper, *Talitroides topitotum* (Burt, 1934) (Crustacea, Amphipoda, Talitridae), from subtropical East Asia. ---- *Bulletin of the National museum of Natural Sciences, Ser.A, 39*, 193-201. (Not seen. Records from Okinawa and Viet Nam.)

MUNARI, C. 2013. A new species of *Cerapopsis* (Amphipoda: Corophiidea: Kamakidae) from the Strait of Messina, central Mediterranean Sea. ---- *Italian Journal of Zoology 81(1)*, 78-91. (*C. alexandri* n. sp.. A synpotic table compares the three *Cerapopsis* species in detail.)

MURPHY, J. L. 2014. Benthic invertebrate response to habitat complexity in South Bay salt ponds. ---- M. Sc thesis, San José State University (not seen)

MURRAY, C. C., H. GARTNER, E. J. GREGR, K. CHAN, E. PAKHOMOV & T. W. THERRIAULT 2014. Spatial distribution of marine invasive species: environmental demographic and vector drivers. ---- *Diversity and Distribution 20(7)*, 824-836. (Not seen)

MYERS, A. A. 2013. Amphipoda (Crustacea) from Palau, Micronesia: Families Dexaminidae, Eusiridae, Hyalidae, Ischyroceridae, Leucothoidae and Lysianassidae. ---- *Zootaxa 3731*, 301-323. (With descriptions of *Hyale* cf *maroubrae*, *Ventojassa palauensis* n. sp., *Leucothoe baobeldabensis* n. sp., *L. lecroyae*, *L. pseudepidemos* n. sp., *L. serratissima* n. sp., *L. tumida* n. sp. (from the mollusc *Pteria*), *L. whiteae* n. sp. and *Paranamixis dentidactylus* n. sp., all from Palau.)

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ORTEGA, I., A. MARTIN & Y. J. DIAZ 2014. Variability of coastal suprabenthic assemblages from sandy beaches of the Caribbean coast of Venezuela. ---- *Revista de Biologia Tropical 62*, 495-511. (Eighteen amphipod spp in Table 1)

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during their aquatic life cycle. ---- *Science of the Total Environment 493*, 801-897. (Gammarus fossarum one of two test animals.)

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SHIN, M.-H., I.-H- KIM & K. S. LEE 2005. Three species of gammaridean amphipods (Crustacea) associated with cultured abalones (Gastropoda) in Korea. ---- *The Korean Journal of Systematic Zoology 21*, 157-169. (Earlier overlooked. Deals with *Ampithoe valida*, *Elasmopus rapax* and *Melita rylovae*.)

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SOUZA-FILHO, J. F. & C. S. SEREJO 2014. On the phylogeny of *Ischyroceridae* (Amphipoda, Senticaudata, Corophiida), with the description of a new genus and eight new species from deep-sea Brazilian waters. ---- *Zoological Journal of the Linnean Society 170*, 34-85 (This important

paper contains a phylogenetic analysis of the Ischyroceridae, followed by a taxonomic part, describing many new species from the Campos basin, Rio de Janeiro, as follows: *Bonnierella campensis* n. sp., *B. laurensi* n. sp., and *B. linearis* (off Peru), with a comparison of all *Bonnierella species*, *Myersius* n. gen. (Ischyrocerini), with as only species *M. denticaudatus* n. sp., *Pseudischyrocerus caecus* n. sp., *Notopoma lowryi* n. sp. and *N. teresae* n. sp. (with a key to all *Notopoma* spp), *Pseudericthonius bousfieldi* n. sp., and *P. concavus* n. sp. A key to Brazilian Ischyroceridae is also provided. *Bonnierella californica* is considered to be a valid species, , while *Pseudischyrocerus crenatipes* is transferred to *Bathyphotis*.)

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SOUZA-FILHO, J. F., A. M. T. SOUZA & M. T. VALERIO-BERARDO 2012. First record of the genus *Ruffojassa* Vader & Myers, 1996 (Amphipoda, Corophiide) from Brazilian waters , with description of a new species. ---- *Nauplius 20*, 117-123. (*R. petronioi* n. sp. (21*42'S, 40*15'W).)

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List of new amphipod taxa 38

1.Families and subfamilies

subfam. **Waldeckiinae** Lowry & Kilgallen, 2014	Lysianassidae

2. Genera and subgenera

Acosta Özdikmen, 2012	Lysianassidae
Bryoconversor Lörz, Myers & Gordon, 2014	Chevaliidae
Cryptorchestia Lowry & Fanini, 2013	Talitridae
Glorieusella Kilgallen & Lowry, 2014	Lysianassidae
Kartachiltonia King & Leys, 2014	Chiltoniidae
Myersius Souza-Filho & Serejo, 2014	Ischyroceridae
Kyphometopa Krapp-Schickel, 2013	Stenothoidae
Ligulodactylus Krapp-Schickel, 2013	Stenothoidae
Platysao Chiesa & Alonso, 2014	Platyischnopidae
Rosagammarus McMenamin, Zapata & Hussey, 2013	incertae sedis
Sisalia Ortiz & Winfield, 2014	Cyproideidae

3. Species and subspecies

ssp **afionis** Karaman, 2012 (*Niphargus tauri*)	Niphargidae
africana Milne & Griffiths, 2013 (*Peramphithoe*)	Ampithoidae
alexandri Munari, 2013 (*Cerapopsis*)	Kamakidae
aliciae Jazdzewski, Grabowski & Kupryjanowicz, 2014 (*Synurella*)	Crangonyctidae
alisadri Esmaeli-Rineh & Sari, 2013 (*Niphargus*)	Niphargidae
amicus Holsinger in Holsinger & Ansell, 2014 (*Stygobromus*)	Crangonyctidae
anmyeonensis Shin, Coleman & Kim, 2013 (*Melita*)	Melitidae
anophthalma Kaim-Malka, 2014 (*Ambasia*)	Lysianassidae
apoorei Hughes & Peart, 2013 (*Paragrubia*)	Ampithoidae
arganoi Iannilli & Vonk, 2013 (*Ingolfiella*)	Ingolfiellidae
atollicus Myers, 2014 (*Elasmopus*)	Maeridae
ssp **aznavensis** Ôzbek & Rasouli, 2014 (*Gammarus komareki*)	Gammaridae
baobeldabensis Myers, 2013 (*Leucothoe*)	Leucothoidae
beningus Hou, Li & LI, 2014 (*Gammarus*)	Gammaridae
bioculatus Dang & Le, 2012 (*Hippomedon*)	Lysianassidae
biscayensis Kaim-Malka, 2014 (*Bathyamaryllis*)	Amaryllidae
borabora Lowry & Bopiah, 2014 (*Tongorchestia*)	Talitridae
botulus Hughes & Peart, 2013 (*Cymadusa*)	Ampithoidae
boulari Peart & Hughes, 2014 (*Plumithoe*)	Ampithoidae
bousfieldi Souza-Filho & Serejo, 2014 (*Pseudericthonius*)	Ischyroceridae
brevicrus Eun, Kim, Hendrycks & Lee, 2014 (*Ptilohyale*)	Hyalidae
bulborostrum de-la-Ossa-Carretera & Marti, 2014 (*Siphonoecetes*)	Ischyroceridae
bungareei Hughes & Peart, 2013 (*Peramphithoe*)	Ampithoidae
caecus Dang & Le, 2013 (*Byblis*)	Ampeliscidae
caecus Souza-Filho & Serejo, 2014 (*Pseudischyrocerus*)	Ischyroceridae

campbelli Krapp-Schickel & De Broyer, 2014 (*Leucothoe*) Leucothoidae
campensis Souza-Filho & Serejo, 2014 (*Bonnierella*) Ischyroceridae
carricarti Ortiz & Winfield, 2014 (*Sisalia*) Cyproideidae
cassini Hughes & Peart, 2013 (*Paragrubia*) Ampithoidae
celestun Paz-Rios & Ardisson, 2014 (*Dulichiella*) Melitidae
concavus Souza-Filho & Serejo, 2014 (*Pseudericthonius*) I schyroceridae
cenotensis Marron-Becerra, Hermoso-Salazar & Solis-Weiss, 2014 (*Hyalella*) Hyalellidae
concavus Souza-Filho & Serejo, 2014 (*Pseudericthonius*) Ischyroceridae
daniali Esmaeli-Rineh & Sari, 2013 (*Niphargus*) Niphargidae
dartnalli Kilgallen & Lowry, 2013 (*Pseudambasia*) Lysianassidae
debroyeri Jazdzewski, Grabowski & Kupryjanowicz, 2014 (*Palaeogammarus*) Gammaridae
dempseyae Lowry & Kilgallen, 2014 (*Waldeckia*) Lysianassidae
denticaudatus Souza-Filho & Serejo, 2014 (*Myersius*) Ischyroceridae
dentidactylus Myers, 2013 (*Paranamixis*) Leucothoidae
dongara Hughes & Peart, 2013 (*Paragrubia*) Ampithoidae
dongnamensis Dang & Le, 2013 (*Ampelisca*) Ampeliscidae
drummondae Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
dwyeri Hughes & Peart, 2013 (*Paragrubia*) Ampithoidae
emma Lörz & Coleman, 2014 (*Epimeria*) Epimeriidae
epikarstica Rodrigues, Bueno & Ferreira, 2014 (*Hyalella*) Hyalellidae
euclidius Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
evalina Kilgallen & Lowry, 2914 (*Thrombasia*) Lysianassidae
exavata Dang & Le, 2012 (*Cymadusa*) Ampithoidae
ssp **favitor** Karaman, 2012 (*Niphargus nadarini*) Niphargidae
formosa Cardoso & Araujo, in Cardoso et al. 2014 (*Hyalella*) Hyalellidae
franki Horton & Thurston, 2014 (*Cyclocaris*) Cyclocaridae
frater Myers, 2014 (*Quadrimaera*) Maeridae
garciensis Myers, 2014 (*Iphimedia*) Iphimediidae
hadros Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
hallex Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
ssp **hanajevi** Daneliya & Väinõlã, 2013 (*Dorogostaiskia parasitica*) Acanthogammaridae
hentyana Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
holodividum Chiesa & Alonso, 2014 (*Platysao*) Platyischnopidae
hormozensis Momtazi & Sari, 2013 (*Metaprotella*) Caprellidae
hughesae Myers, 2014 (*Ampithoe*) Ampithoidae
incoercitus Hou, Li & LI, 2014 (*Gammarus*) Gammaridae
ssp **iraquensis** Karaman, 2012 (*Niphargus nadarini*) Niphargidae
isimangaliso Milne & Griffiths, 2013 (*Ceradocus*) Maeridae
jubata Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
kaingang Araujo & Cardoso, 2013 (in Bueno et al.) (*Hyalella*) Hyalellidae
ssp **kamaltynovi** Daneliya & Väinõlã, 2013 (*Dorogostaiskia parasitica*) Acanthogammaridae
kanaka Peart & Hughes, 2014 (*Sunamphitoe*) Ampithoidae
kazemii Momtazi & Sari, 2013 (*Monoliropus*) Caprellidae
laurensi Souza-Filho & Serejo, 2014 (*Bonnierella*) Ischyroceridae
ledoyeri Peart, 2014 (*Cymadusa*) Ampithoidae
lisae Coleman & Sen-Dunlop, 2013 (*Iphinotus*) Phliantidae
lituus Peart & Hughes, 2014 (*Cymadusa*) Ampithoidae
lochi Kilgallen & Lowry, 2013 (*Pseudambasia*) Lysianassidae
longimembris Krapp-Schickel & De Broyer, 2014 (*Leucothoe*) Leucothoidae
lowryi Horton & Thurston, 2014 (*Cyclocaris*) Cyclocaridae
lowryi Souza-Filho & Serejo, 2014 (*Notopoma*) Ischyroceridae

lumanus Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
macoranica Momtazi & Sari, 2013 (*Metaprotella*) Caprellidae
macquariae Krapp-Schickel & De Broyer, 2014 (*Leucothoe*) Leucothoidae
mantissa Hughes & Peart, 2013 (*Ampithoe*) Ampithoidae
martinae Coleman & Lörz, 2013 (*Labriphimedia*) Iphimediidae
meikae Coleman & Lörz, 2013 (*Labriphimedia*) Iphimediidae
merletta Krapp-Schickel & De Broyer, 2014 (*Leucothoe*) Leucothoidae
messerschmidtii Bedulina & Tachteew, 2914 in Bedulina et al. 2014 (*Eulimnogammarus*) Gammaridae
minensis Bastos-Pereira & Bueno, 2013 (*Hyalella*) Hyalellidae
minichiellus McMenamin, Zapata & Hussey, 2013 (*Rosagammarus*) incertae sedis
minusculus Guerra-Garcia & Hendrycks, 2013 (*Liropus*) Caprellidae
moluccensis Vonk & Jaume, 2013 (*Ingolfiella*) Ingolfiellidae
monticellus Hou, Li & LI, 2014 (*Gammarus*) Gammaridae
moodyi King & Leys, 2014 (*Kartachiltonia*) Chiltoniidae
morinoi Tomikawa & Ishimaru, 2014, in Tomikawa et al. *(Sternomoera*) Pontogeneiidae
nunoi Winfield & Ortiz, 2013 (*Curidia*) Ochlesidae
ssp **omnivagus** Karaman, 2012 (*Niphargus bozanae*) Niphargidae
ora Myers, 2014 (*Elasmopus*) Maeridae
palau Lowry & Myers, 2013 (*Floresorchestia*) Talitridae
palauensis Myers, 2013 (*Ventojassa*) Ischyroceridae
paradisaea Peart & Hughes, 2014 (*Cymadusa*) Ampithoidae
parapacifica Kim, Jung & Min, 2013 (*Platorchestia*) Talitridae
pattaniensis Wongkamhaeng, Pattaratumrong & Puttapreecha, 2014 (*Dulichiella*) Melitidae
petronioi Souza-Filho, Souza & Valerio-Berardo, 2012 (*Cheiriphotis*) Protomedeiinae
petronioi Souza-Filho, Souza & Valerio-Berardo, 2012 (*Ruffojassa*) Ischyroceridae
pisinnus Hou, Li & LI, 2014 (*Gammarus*) Gammaridae
platys Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
pluriarticulatus Dang & Le, 2012 (*Hippomedon*) Lysianassidae
pohnpei Lowry & Myers, 2013 (*Floresorchestia*) Talitridae
ponderi Kilgallen & Lowry, 2013 (*Pseudambasia*) Lysianassidae
poorei Kilgallen & Lowry, 2013 (*Pseudambasia*) Lysianassidae
priscileo Hughes & Peart, 2013 (*Cymadusa*) Ampithoidae
prolata Hughes & Peart, 2013 (*Ampithoe*) Ampithoidae
pseudepimedos Myers, 2013 (*Leucothoe*) Leucothoidae
quadrata Dang & Le, 2012 (*Kamaka*) Kamakidae
quadrioculatus Dang & Le, 2012 (*Tiron*) Synopiidae
radzai Karaman, 2014 (*Niphargus*) Niphargidae
ricaudyana Peart & Hughes, 2014 (*Ampithoe*) Ampithoidae
rosa Kilgallen & Lowry, 2014 (*Schisturella*) Lysianassidae
salomanensis Myers, 2014 (*Latigammaropsis*) Photidae
samroiyodensis Azman, Wongkamhaeng & Dumrongrojwattana, 2014 (*Floresorchestia*) Talitridae
saros Kilgallen & Lowry, 2014 (*Thrombasia*) Lysianassidae
selayarensis Lowry & Kilgallen, 2014 (*Waldeckia*) Lysianassidae
serratissima Myers, 2013 (*Leucothoe*) Leucothoidae
serratus Milne & Griffiths, 2013 (*Varohios*) Neomegamphopidae
sheardi Kilgallen & Lowry, 2013 (*Pseudambasia*) Lysianassidae
shiroi Vonk & Gable, 2014 (*Metaniphargus*) Hadziidae
sonne Kilgallen, 2014 (*Hirondellea*) Hirondelleidae
sophie Lörz & Coleman, 2014 (*Epimeria*) Epimeriidae

springthorpei Hughes & Peart, 2013 (*Paragrubia*)	Ampithoidae
springthorpei Kilgallen & Lowry, 2013 (*Pseudambasia*)	Lysianassidae
ssp **stenocephala** Daneliya & Väinõlã, 2013 (*Dorogostaiskia parasitica*)	Acanthogammaridae
subchelata Sorrentino, Senna & Lowry, 2014 (*Shoemakerella*)	Lysianassidae
sublongicaudatus Dang & Le, 2012 (*Pseudotiron*)	Synopiidae
submisakiensis Dang & Le, 2013 (*Ampelisca*)	Ampeliscidae
sunda Azman & Othman, 2013 (*Tethygeneia*)	Pontogeneiidae
takeuchii Peart & Hughes, 2014 (*Ampithoe*)	Ampithoidae
talus Dang & Le, 2013 (*Ampelisca*)	Ampeliscidae
tangaroa Lowry & Kilgallen, 2014 (*Waldeckia*)	Lysianassidae
tattersalli Peart, 2014 (*Cymadusa*)	Ampithoidae
taynamensis Dang & Le, 2013 (*Ampelisca*)	Ampeliscidae
teresae Souza-Filho & Serejo, 2014 (*Notopoma*)	Ischyroceridae
thaoae Dang & Le, 2013 (*Ampelisca*)	Ampeliscidae
thurstoni Kilgallen, 2014 (*Hirondellea*)	Hirondelleidae
tjibaoui Peart & Hughes, 2014 (*Sunamphitoe*)	Ampithoidae
tongyeongenssis Kim & Hendrycks, 2013 (*Socarnes*)	Lysianassidae
totakura Vonk & Jaume, 2013 (*Bogidiella*)	Bogidiellidae
tridentata Guedes-Silva & Souza-Filho, 2013 (*Aciconula*)	Caprellidae
tuberculata Dang & Le, 2012 (*Listriella*)	Liljeborgiidae
tumida Myers, 2013 (*Leucothoe*)	Leucothoidae
tutus Lörz, Myers & Gordon, 2014 (*Bryoconversor*)	Chevaliidae
umina Kilgallen & Lowry, 2014 (*Thrombasia*)	Lysianassidae
ssp **ushkaniensis** Daneliya & Väinõlã, 2013 (*Dorogostaiskia parasitica*)	Acanthogammaridae
veredae Cardoso & Bueno, in Cardoso et al. 2014 (*Hyalella*)	Hyalellidae
wagneri Kilgallen, 2014 (*Hirondellea*)	Hirondelleidae
warreen Lowry & Kilgallen, 2014 (*Waldeckia*)	Lysianassidae
weddellensis Krapp-Schickel & De Broyer, 2014 (*Leucothoe*)	Leucothoidae
whiteae Myers, 2013 (*Leucothoe*)	Leucothoidae
xakriaba Bueno et al 2013 (*Hyalella*)	Dogielinotidae
xylino Lowry & Fanini, 2013 (*Orchestia*)	Talitridae

4. New taxa ranked taxonomically after families

Acanthogammaridae

Dorogostaiskia parasitica **hanajevi**, D. p. **kamaltynovi**, D. p. **stenocephala**, D. p. **ushkaniensis**

Amaryllidae

Bathyamaryllis **biscayensis**

Ampeliscidae

Ampelisca **dongnamensis**, **submisakiensis**, **talus**, **taynamensis**, **thaoae**
Byblis **caecus**

Ampithoidae

Ampithoe **hughesae**, **mantissa**, **prolata**, **ricaudyana**, **takeuchii**

Cymadusa **botulus, drummondae, euclidius, exavata, hadros, hallex, hentyana, jubata, ledoyeri, lituus, lumanus, paradisaea, platys, priscileo, tattersalli**
Paragrubia **apoorei**, **cassini**, **dongara**, **dwyeri**, **springthorpei**
Peramphithoe **africana**, **bungareei**
Plumithoe **boulari**
Sunamphitoe **kanaka**, **tjibaoui**

Bogidiellidae
Bogidiella **totakura**

Caprellidae
Aciconula **tridentata**
Liropus **minusculus**
Metaprotella **macoranica**
Monoliropus **kazemii**
Pseuaeginella **hormozensis**

Chevaliidae
Bryoconversor tutus

Chiltoniidae
Kartachiltonia moodyi

Crangonyctidae
Stygobromus **amicus**
Synurella **aliciae**

Cyclocaridae
Cyclocaris **franki, lowryi**

Cyproideidae
Sisalia carricarti

Epimeriidae
Epimeria **emma, sophie**

Gammaridae
Eulimnogammarus **messerschmidtii**
Gammarus komareki **aznavensis**, **beningus**, **incoercitus**, **monticellus**, **pisinnus**
Palaeogammarus **debroyeri**

Hadziidae
Metaniphargus **shiroi**

Hirondelleidae
Hirondellea **sonne, thurstoni, wagneri**

Hyalellidae
Hyalella **cenotensis, epikarstica, formosa, kaingang**, **minensis**, **veredae, xakriaba**

Hyalidae

Ptilohyale **brevicrus**

Ingolfiellidae
Ingolfiella **arganoi**, **moluccensis**

Iphimediidae
Iphimedia **garciensis**
Labriphimedia **martinae**, **meikae**

Ischyroceridae
Bonnierella **campensis**, **laurensi**
Myersius denticaudatus
Notopoma **lowryi**, **teresae**
Pseudericthonius **bousfieldi**, **concavus**
Pseudischyrocerus **caecus**
Ruffojassa **petronioi**
Siphonoecetes **bulborostrum**
Ventojassa **palauensis**

Kamakidae
Cerapopsis **alexandri**
Kamaka **quadrata**

Leucothoidae
Leucothoe **baobeldabensis**, **campbelli**, **longimembris**, **maquariae**, **merletta**, **pseudepidemos**, **serratissima**, **tumida**, **weddellensis**, **whiteae**
Paranamixis **dentidactylus**

Liljeborgiidae
Listriella **tuberculata**

Lysianassidae
Acosta
Ambasia **anophthalma**
Hippomedon **bioculatus**, **pluriarticulatus**
Pseudambasia **dartnalli**, **lochi**, **ponderi**, **poorei**, **sheardi**, **springthorpei**
Schisturella **rosa**
Shoemakerella **subchelata**
Socarnes **tongyeongensis**
Thrombasia **evalina**, **saros**, **umina**
Waldeckiinae
Waldeckia **dempseyae**, **selayarensis**, **tangaroa**, **warreen**

Maeridae
Ceradocus **isimangaliso**
Elasmopus **atollicus**, **ora**

Melitidae
Dulichiella **celestun, pattaniensis**
Melita **anmyeonensis**
Quadrimaera **frater**

Neomegamphopidae
Varohios **serratus**

Niphargidae
Niphargus tauri **afionensis**, **alisadri**, **daniali**, nadarini **favitor**, nadarini **iraquensis**, bozanae **omnivagus, radzai**

Ochlesidae
Curidia **nunoi**

Phliantidae
Iphinotus **lisae**

Photidae
Latigammaropsis **salomanensis**

Platyischnopidae
Platysao holodividum

Pontogeneiidae
Sternomoera **morinoi**
Tethygeneia **sunda**

Protomedeiinae
Cheiriphotis **petronioi**

Stenothoidae
Kyphometopa
Ligulodactylus

Synopiidae
Pseudotiron **sublongicaudatus**
Tiron **quadrioculatus**

Synopiidae
Pseudotiron **sublongicaudatus**
Tiron **quadrioculatus**

Talitridae
Cryptorchestia
Floresorchestia **palau**, **pohnpei**, **samroiyodensis**
Orchestia **xylino**
Platorchestia **parapacifica**
Tongorchesia **borabora**

incertae sedis
Rosagammarus minichiellus

16th International Colloquium on Amphipoda (16th ICA)

Portugal will be the next hosting country for the International Colloquium on Amphipoda (ICA). The ***16th ICA*** will be held at the **University of Aveiro, Aveiro, Portugal, from 7 to 11th September 2015**.

Aveiro is a very pleasant average size city located on the west coast of Portugal only, about 75 km south of Porto. Traditionally, Aveiro is known for its canals that flow trough the city, for its characteristic boats, the Moliceiros, for its salt-pans and for its sweet delicacies. Today, Aveiro is an industrial city, a hub of commerce and services and also a centre for culture and leisure, with a burgeoning offer in various forms; cinema, theatre, art exhibitions, music, dance, the plastic arts, science, technology, water sports, night-life …

Aveiro is set just by the *Ria de Aveiro*, a 45 km-long lagoon spreading across 75 km^2, that stands as one of the Europe's last remaining untouched marshlands. On the sea front, long stretches of sandy beaches provide fantastic spots for enjoying the Atlantic Ocean, its fragance, sound and majestic waves.

Anyone that wishes to receive subsequent information, please send an email to 16ica2015@gmail.com, with subject "join 16th ICA mailing list".

Note that the 16th ICA will follow immediately the 14th Deep Sea Biology Symposium, which will also take place in Aveiro, but in a different venue (http://14dsbs.web.ua.pt/).

The 16th ICA is a joint organization of the Universidade do Minho (Centro de Biologia Molecular e Ambiental - CBMA) and the Universidade de Aveiro (Departamento de Biologia & Centro de Estudos do Mar e Ambiente CESAM), and co-Chaired by Filipe Costa and Marina Cunha.

We look forward to meet you in the 16th ICA!

How do you get in touch with the Amphipod Newsletter?

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