AMPHIPOD NEWSLETTER 40

Dear Amphipodologists,

Welcome to the 40th Amphipod Newsletter! The publication of AN during the last 44 years (the first came in 1972) gives us a picture of the collective publication of Amphipod literature, and at periods also news about the Amphipod workers community - our Amphipod Way of Life. You can find some statistics for the 40 ANs at page 13.

Many of the papers in the bibliography will be available at Ollis server - please send any papers you have that you see are missing on the server to the Olli, or place them on the server (info on how at page 54). Taxonomic information can be found in the World Amphipoda Database (part of WoRMS), more about that on page 10.

Sadly, the political situation has compelled Murat Özbek to postpone the organisation of an ICA in Izmir (Turkey) in 2017. All our thanks to Sabrina Lo Brutto for her courageous decision to take over the organisation of the ICA at one year´s notice, now to be held at Trapani (Sicily) in 2017 (page 72).

Just before the publishing date of this newsletter, the sad news that professor Ed Bousfield had passed away reached us, too late for an extensive obituary. This will come in AN41.

Best wishes from your AN Editors,

Wim, Adam, Miranda and Anne Helene

Statistics from this Newsletter

25 new genera

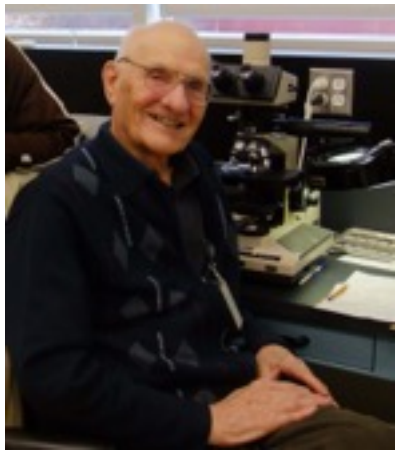
156 new species

1 new subspecies

Where can you download old Amphipod Newsletters?

World Amphipod Database (http://www.marinespecies.org/amphipoda/newsletter.php)

Biodiversity Heritage Library (http://biodiversitylibrary.org/bibliography/116387#/summary)



Interview with Boris Sket

Dear Boris, we know you are very much interested in nature generally, in plants and animals nearly equally. Wim Vader told that he met you at the meeting in the USA first (is this right??), where you were the only one who knew all the names for those plants totally unknown to the other colleagues.

Yes, it is most probable that we met first in USA. Wim probably exaggerated a bit, but yes, I am interested also in botany. As well as in many animal groups. Probably, responsible for my interest in amphipods and in cave animals is our (in Ljubljana, Slovenia) Natural History Museum. I was visiting it as a child, during the war already. I admired (why admired ??? - are they really so sexy?) there two exponats (see picture below) which are in my possession now. Evidently this poisoned me.

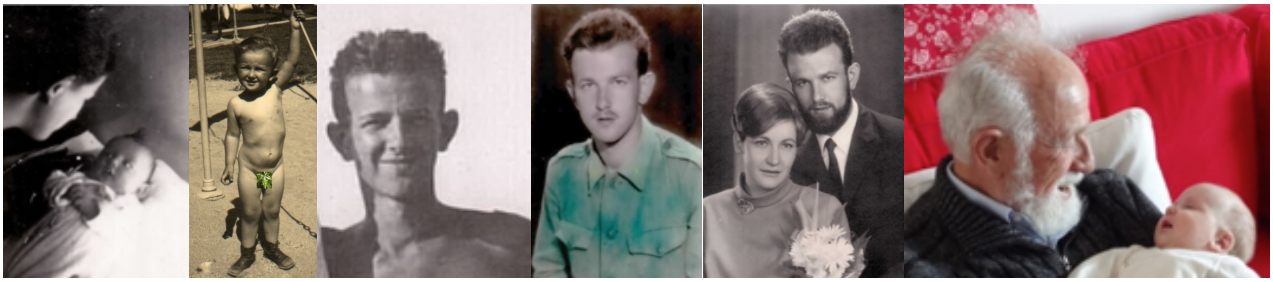
The two admired exponats

Short CV inclusive hobbies = "recreational interests"

Short CV of close to 80 years? Are you joking? Well, I give you just few facts, *facta selecta*.
I was made long ago (very long ago) in Ljubljana, Slovenia, Yugoslavia. Four classes of elementary school in Ljubljana, secondary school in Bjelovar, Karlovac, Beograd, Ljubljana (in Croatia, Serbia, Slovenia). And all degrees of biology studies in Ljubljana again. Some episodes are: president of the Speleological Association of Slovenia (no, it is not a negligible organisation), president of International Society of Subterranean Biology, vice-dean and dean of the Biotechnical faculty, rector of the Univerza v Ljubljani (University in Ljubljana). But first of all, what is not just an episode, the founder and for some decades the head of the laboratory of zoology and speleobiology; nice, not anymore desired there.

Except for skiing and transitionally numismatics, probably all my hobbies are tightly bound to research. Even when cave diving, I did not miss this - for example by meeting the most unusual, swimming asellid (not an amphipod, however) in Florida. I am a happy person. My professional work, research and teaching, they have all been my greatest hobbies. The field research at the top, of course.

Not to forget: (only) some children and grandchildren. Not a hobby, but a great pleasure.
With 2 children, 2 normal grandchildren and one leap-granddaughter (born on February 29 2012). Hobby again: in the living room, there is a 1m^2 piece of the rain forest.



The ontogeny of Boris Sket

Scientific career: Did you remain at the university of Ljubljana, or did you study/ work elsewhere?

Yes, I started and finished in Ljubljana. Of course I could profit in a more competitive environment abroad, but evidently, my university was not such a bad school! By the way, I was giving lessons there on Invertebrate Zoology, Evolution, and Speleobiology.

Why amphipods?

Why **not** amphipods? In fact, I have been interested in a lot of topics, too many for a modern scientist. I have been always excusing myself (in front of myself) for this uneconomical behaviour by my teaching duties. A teacher has to have a broader knowledge...

Did you publish also about other topics within zoology or botany?

Well, botany was really only a hobby - except for being used for understanding some more general phylogenetic and biogeographic problems. No special publications.
Otherwise, my **main** field of research and publication were different aspects of speleobiology (anchihaline caves in particular), particularly biogeography and evolution. E.g. I discovered some particular patterns of troglobiotic species distribution in the Dinaric karst. Beside that the (taxonomy-phylogeny-biogeography of) freshwater Isopoda, Hirudinea, of the cave salamander *Proteus* (we are calling it *človeška* ribica, humane fish) and cave tube-worm *Marifugia* etc. But in fact, within taxonomy, I enjoyed most fun in aquatic Isopoda.
Sorry, I nearly forgot to mention an important field of my research, the ancient lakes. Very interesting! I discovered speciation of Hirudinea in the lake Ohrid. Or, of Amphipoda (our joint group!) in the Chinese lake Fuxian Hu.
Oh, I also discovered and described (with coauthors, however) the only troglobiotic cnidarian and the only troglobiotic freshwater poriferan (sponge). Note, that each such 'excursion', each new group demands first finding and than digesting a heap of

Typhlogammarus mrazeki (Montenegro – Croatia; 20 mm), one of numerous troglobiotic amphipods. In water, in the newly defined 'cave hygropetric'

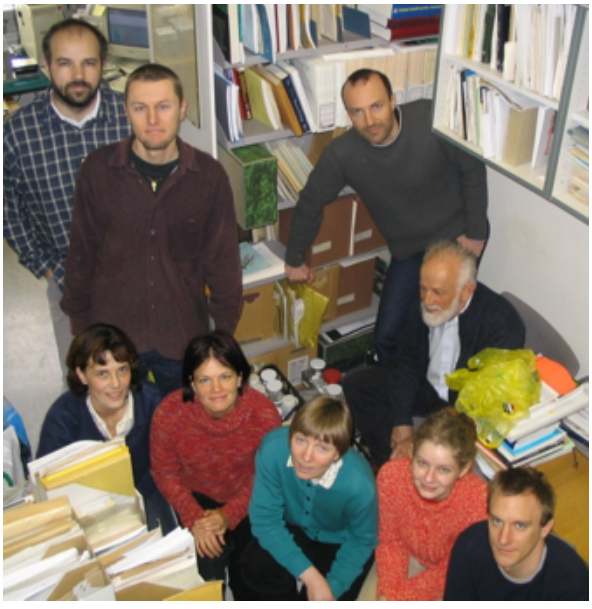
additional literature. And this was mainly still in times when we were collecting literature on foot and by means of the snail-mail ...

Why did you choose amphipods?

In fact, I did not choose amphipods. I really started with Amphipoda & Hirudinea simultaneously, in my student years. Followed by something else. I must deeply apologise, I can not say that "studying Amphipoda is my 'way of life' ". But, it is an interesting part of it.

Since when did you find your interest for molecular studies? Did you get "infected" by your students, by Cene Fiser for example?

O, no, he is much too young for that. The main culprit or causer was a leech. I was studying a new (sub)species. According to traditionally used external characters, that species could only be classified a *Trocheta* sp. (1968 described as *T. bykowskii krasense* ssp. n.). But, it anatomically resembled a species from another genus, *Dina*, sooo much ...



A snapshot (some years ago) of the Research Group for Zoology and Spleleobiology, Univerza v Ljubljani.

I saw the only possible solution for this intriguingcase in allozyme analysis. So I started to search for a person who could do such studies. I found first the tiny Irena Zajc and then the postgraduate Peter Trontelj. In the meantime the DNA analysis substituted the allozymes. We succeeded to get scholarship and sent Peter to Tübingen for PhD study and then we raised a laboratory. Must I emphasize that I myself never worked with 'molecules'? I have only been exploiting results of my progressive colleagues.

I had been only suggesting research directions, preparing sampling strategies and then pulling from results some inferences. In general, I know well the problems and what we have to do,
I know theoretically where to go, while the colleagues know how to go, how to climb, and so we are jointly searching the right solutions. A symbiosis, an active coexistence. And, in a great part, I did the field sampling, which was a particular pleasure; much less pleasant has been the often necessary molesting our foreign colleagues...

If we return now to the above mentioned leech *Trocheta bykowskii krasense* Sket – some years later we were able to redefine it as *Dina krasensis* (Sket). My doubts confirmed.

With which amphipodologist did you have the best connection for exchange of ideas or common sampling?

Both were amateurs and not amphipodologists. But,I obtained much support (mainly literature) also from the late Sandro Ruffo. With Stanko Karaman we exchanged some letters, but he died before I succeeded to visit him; in those times Skopje was so far away from Ljubljana! Useful contacts also with John Holsinger and, in

Boris Sket performing field work. Here in a cave (Slovenia), and in a Karaman-Chappuis-sonde (Montenegro).

particular with Ed Bousfield and Gordan Karaman; with Gordan and John we even co-authored some species.

Which of your excursions was the best, in your eyes? Which locality most interesting?

The best, the most prolific, was probably the iterated excursion to Dovješ, as much as nearly 5 km far from my home in Ljubljana. There was a Norton well (tubed pump) in the bank of the river Sava. Started in my student times. Little by little, I succeeded to obtain from that well more than 10 amphipod species - beside some other animals. All belonging to new species, of course. But, it was not just rich in species, it was also very instructive theoretically.
Or the famous cave Vjetrenica in Hercegovina? Not to talk about the immensely visited Postojna-Planina Cave System. Or – as a group – Adriatic anchihaline caves? Difficult to decide.

Where did you prefer to collect amphipods?

During the most recent study (revision of Gammaridae) in SW Europe, where the situation is the most complicated, unresolved. Othervise in our Dinaric area, so rich in subterranean *Niphargus* and other amphipods - and other animals. Or somewhere in tropics; the amphipods are however poor there, but, there is some rain forest ...

Boris with Felipe and Traudl at the conference-dinner at ICA 2015 in Aveiro

Which meeting did you like most?

The first one, in Verona, where I met first Sandro Ruffo and Gertraud Krapp-Schickel. Sandro left to make for me a heap of photocopies (of literature). How precious for that time of my beginnings.

Something about your most cited or attention-grabbing articles?

Not cited, but well accepted locally, was a newspaper article against discrimination of homosexual couples. *Nota bene*: I am a genuine hetero, proven.

The most cited seems to be a paper with five coauthors. With 111 pure (whatever it means) citations. I am unpleasantly surprized that my paper on Ecology of the mixohaline hypogean fauna along the Yugoslav coast (Stygologia, 2(4): 317-338) which had been the first (globally first) complex ecological study of anchihaline caves and was even reprinted in ***Benchmark papers in Karst science*** (Spec. Publ. 11) Karst Waters Institute, 2007. For our readership will be probably interesting that in the Adriatic anchihaline caves, amphipods (mainly *Niphargus* spp.) play a similarly important role as shrimps in the tropics.

What is your favourite amphipod species?

- Probably *Jugogammarus kusceri*. Now a proven Ponto-Caspian element, but inhabiting water-moss mats in springs in SE Slovenia. A small, but nice animal (see picture).
Or, probably the most remarkable niphargid *Niphargus balcanicus* (also see picture). No, it must be 'my' own volvating niphargid

Jugogammarus kusceri (SE Slovenia, 5 mm) an endemic Ponto-Caspian relict.

The troglobiotic *Niphargus balcanicus* (Hercegovina; 20 mm), a thorny lady with pink eggs in marsupium.

Carinurella paradoxa. Yes, the favorite is *paradoxa*.

Best species' name?

Could be *Niphargobates / lefkodemonaki*. Meaning something like:
walking niphargus **or** snow-white walker / white little devil **or** little devil from White Mountains (from Lefka Ori - Λευκά Όρη).

The last planned publication until now?

It is one of five or more in pre-preparation. Who knows which one will be the last. Well, there is a long-lasting 'Revision of the revision of Gammaridae', in a permanent collaboration with Zhonge Hou. That's Amphipoda. Then, we are preparing a phylogenetic (or phylogeographic) analysis of troglobiotic European isopod genera *Monolistra* (Sphaeromatidae) and *Sphaeromides* (Cirolanidae). Description of a new shrimp genus from a Serbian cave. A total surprize. And a new *Turcolana*. All in coauthorships, of course.

And, within this situation, somebody moved me to compose and write an identification key for Palearctic freshwater amphipods. Terrible. No, it is horrible. *Mea culpa* of course.

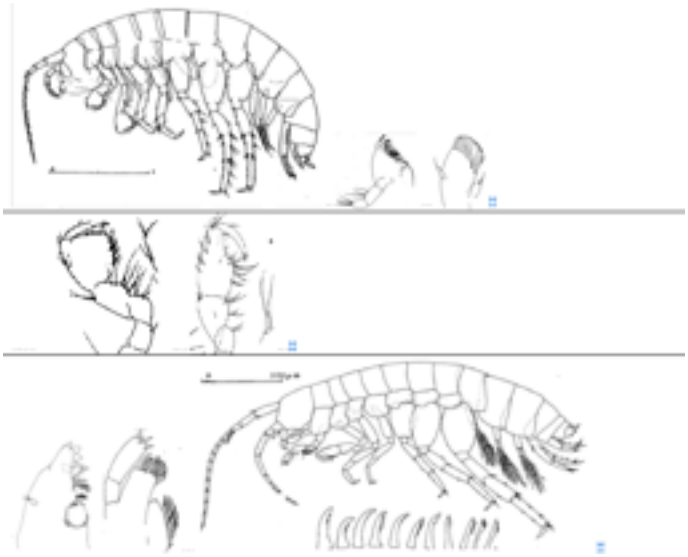
Finally, maybe some concluding words of one who has observed quite a bit of change in our science during the last decades: WHERE, in which direction, is amphipodology obviously going and what would you recommend, or wish would be wise to choose?

I think that two very urgent tasks are in front of us. Unfortunately, both depend on molecular analyses.

1. We have to recollect and define also molecularly as many as possible already described taxa. As soon as possible, because the topotype (and other) populations are rapidly disappearing. To be due to the influences of the invasive species *Homo sapiens*. But, not so rarely also in collaboration with invasive amphipods.
2. We have to define and delimit molecularly, phylogenetically sound, genera and families. The homoplasies in the amphipod morphology are so omnipresent that their usability for phylogenetic inferences is any time questionable, doubtful. See pictures. The niphargid genus *Niphargus* is probably the best representative of these problems. But consider also the phylogenetic relations within the paraphyletic genus *Gammarus* which undoubtedly includes ca five families of diverse Bajkal amphipods! Or, all the troubles within the grouping *Echinogammarus*-*Chaetogammarus*-*Homoeogammarus*-Euro*Limnogammarus*-etc. Which have only recently been mainly solved.

Morphology without a molecular support?

By no means! A couple of fun examples:



Niphargobates orophobata (Niphargidae; SW Slovenia) and *Longipodacrangonyx naroccanus* (? Metacrangonyctidae; Morocco) (drawings Boutin & Messouli) are hardly related at all, but differ virtually only in gnathopod shapes. Well, how funny, the palp is reduced in mandible in on while in maxilla 1 in the other.

Carinurella paradoxa (SW Slovenia; 3 mm) and *Niphargus scopicauda* (NE Slovenia; 15 mm). Both phylogenetically belong to the same clade (*Niphargus*), but the only similarity is in mouthparts.

I like CHARLIE ... and ALFIE too.

The Amphipod Newsletter is grateful to Traudl Krapp-Schickel for producing this kind and interesting interview with Boris Sket.

Gloria Alonso In Memoriam

10 July 1950 – 29 July 2014

Gloria María Alonso was born in Pigüé, a small town in the southwestern area of Buenos Aires Province, Argentina. She then studied Biological Sciences at the University of Buenos Aires (UBA) earning her degree in 1977. Shortly thereafter, she began her work at the Marine Biology Research Center (CIBIMA). As a result of her research in CIBIMA, in 1984 Gloria defended her PhD thesis -"Anfípodos Gammarideos Litorales del Mar Austral Argentino"- in the Facultad de Ciencias Exactas y Naturales (FCEyN), UBA. Her thesis was the pioneering work for the study of the marine amphipods of Argentina, focusing on the taxonomy and biodiversity of amphipods from Puerto Deseado, Santa Cruz Province.

In 1986 Gloria obtained a fellowship from the National Scientific and Technical Research Council of Argentina (CONICET) for postdoctoral research at the National Museum of Natural History, Smithsonian Institution, under the direction of Dr. James Laurens Barnard.

She then returned to Argentina where she joined the CONICET as a researcher in the Argentine Museum of Natural Sciences (MACN). Additionally in 1996, Gloria spent a year at the Gulf Coast Research Laboratory, Ocean Springs, working in collaboration with Dr. Sara LeCroy and Dr. Richard W. Heard.

Gloria published 32 articles and 5 book chapters on amphipods. She described 25 new species and 2 new genera. She specialized in the family Phoxocephalidae, taxon for which she was invited to join the "Antarctic Amphipodologists Network" directed by Dr. Claude De Broyer.

Two amphipod species were named in honor, *Jassa alonsoae* Conlan, 1990 and *Coxophoxus alonso* Sena, 2010. Also she named some species dedicating them to colleagues, friends and family: *Gondogeneia thurstoni* to Dr. Michael Thurston, *Pachychelium barnardi* to Dr. J. L. Barnard, *Colomastix bastidai* to Dr. Ricardo Bastida, *Erikus lovrichi* to Dr. Gustavo Lovrich, *Ensayara gappai* to Dr. Juan José López Gappa and *Linca pinita* to her husband.

Throughout her entire career, Gloria helped identify amphipods for almost all marine biologists in Argentina. In turn, many of them donated their samples for her taxonomic studies. She built very loving relationships with all these colleagues and friends, for who certainly Gloria's death meant a great loss.

Even though Gloria was a person of few words, she always had a smile on her face, as shown in the photograph above.

Ignacio Chiesa

Report of Amphipod Editing Workshop

Flanders Marine Institute (Vlaams Instituut voor de Zee - VLIZ)
InnovOcean site, Ostend, Belgium
04-05th April, 2016

WAD Editor Group: Tammy Horton; Jim Lowry; Claude De Broyer; Oliver Coleman; Mikhail Daneliya; Jean-Claude Dauvin; Cene Fišer; Rebeca Gasca; Michal Grabowski; Ed Hendrycks; Lauren Hughes; Krystof Jazdzewski; Traudl Krapp-Schickel; Anne-Nina Lörz; Tomasz Mamos; Cris Serejo; Anne Helene Tandberg; Mike Thurston; Wim Vader; Risto Väinölä; Ronald Vonk; Kris White; Wolfgang Zeidler.

WoRMS Data Management Team (DMT): Leen Vandepitte, Bart Vanhoorne, Stefanie Dekeyzer, Sofie Vranken.

On the 3rd of April, 2016, 23 of the 32 editors of the World Amphipoda Database (WAD) descended upon the small town of Ostend in Belgium to meet together to learn about the editing process, about the WoRMS database capabilities and tools, and to discuss group projects related to the database.

The overarching aims of the workshop were to:

- Gather all WAD editors to meet and discuss editing methods and processes.
- To train the WAD Editorial Team in editing using the online interface.
- To discuss priority information for entry to the database.
- To encourage consistency in editing.
- To plan a work-flow for adding and editing new taxa.
- To discuss long-term plans and paper publications.

Alongside these specific (work) aims I also aimed to enjoy the company of my fellow editors, some of whom I had not yet had the pleasure of meeting, and some of whom I had met for the first time at the Amphipod Colloquium in Aveiro, just a few months before, where we discussed and formulated the idea of applying for funding of this workshop. It is all very well having discussions via email, but there is no substitute for sitting in one another's company with the time to discuss all things Amphipoda over a Belgian beer or two!

Thanks to our hosts at VLIZ and the sponsorship of the workshop by LIFEWATCH, we were all gathered in the same hotel. Consequently, on arrival many of us congregated in the hotel bar for the first unofficial meeting of the workshop.

On the first day of the workshop we travelled across the harbour on the small ferry to reach the hosting institute, the Flanders Marine Institute (Vlaams Instituut voor de Zee - VLIZ). The morning was filled with presentations and discussions as the editors were shown the capabilities of the World Register of Marine Species, (WoRMS) database and the tools available to editors by the very capable and helpful WoRMS Data Management Team (DMT). Each attendee was asked to bring along a laptop computer and some data to enter or edit. This meant that the methods and tools could be demonstrated on the main screen and tried out by the editors on their own computers. Following lunch and further discussions amongst the participants, the afternoon was set aside for hands-on editing, with the DMT standing by to help with any problems that arose. It was an ideal way for the editors to learn to input their amphipod species information in a friendly and relaxed atmosphere.

At the end of a long day of editing we were treated to a beautiful sunset as we met for dinner hosted by LIFEWATCH at a restaurant overlooking the beach. The views were stunning, the food superb and the company was wonderful. It was a fitting end to a successful first day of the workshop.

Day two of the workshop started with presentations covering the recent projects, funded also by LIFEWATCH, to allow editing of particular taxa on the World Amphipoda Database. These were by now largely completed and the grant holders gave reports on their work. An immense amount of editing was completed as a result of these grants and the work is still continuing. The full reports can be viewed here: http://www.marinespecies.org/activities.php

Discussions followed about a variety of ongoing projects which will lead to publications using data from or providing data to the database. Useful discussions were had concerning consistency in editing methods and short- and long-term planning (including the aim to have all new taxa in this issue of Amphipod Newsletter added to the WAD by the

time it is published). The day ended with more hands-on editing and allowed participants to discuss and overcome any further difficulties with the process.

In summary, it was a very useful workshop, enjoyed by all who attended, and allowed us to familiarise ourselves fully with the ongoing task of editing the World Amphipoda Database for all our users. I hope you find the World Amphipod Database useful for your research. It is continually being updated and improved, supported by an excellent team of 32 taxonomic editors. Please continue to send your comments or highlight errors to me tammy.horton@noc.ac.uk and don't forget to cite the database when you use it!

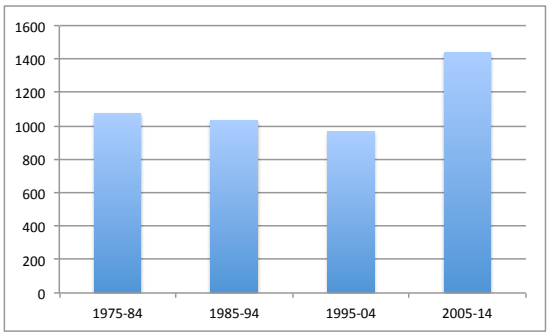
Horton, T.; Lowry, J.; De Broyer, C.; Bellan-Santini, D.; Coleman, C. O.; Daneliya, M.; Dauvin, J-C.; Fišer, C.; Gasca, R.; Grabowski, M.; Guerra-García, J. M.; Hendrycks, E.; Holsinger, J.; Hughes, L.; Jaume, D.; Jazdzewski, K.; Just, J.; Kamaltynov, R. M.; Kim, Y.-H.; King, R.; Krapp-Schickel, T.; LeCroy, S.; Lörz, A.-N.; Senna, A. R.; Serejo, C.; Sket, B.; Tandberg, A.H.; Thomas, J.; Thurston, M.; Vader, W.; Väinölä, R.; Vonk, R.; White, K.; Zeidler, W. (2016). World Amphipoda Database. Accessed at http://www.marinespecies.org/amphipoda on 2016-08-02

Tammy Horton

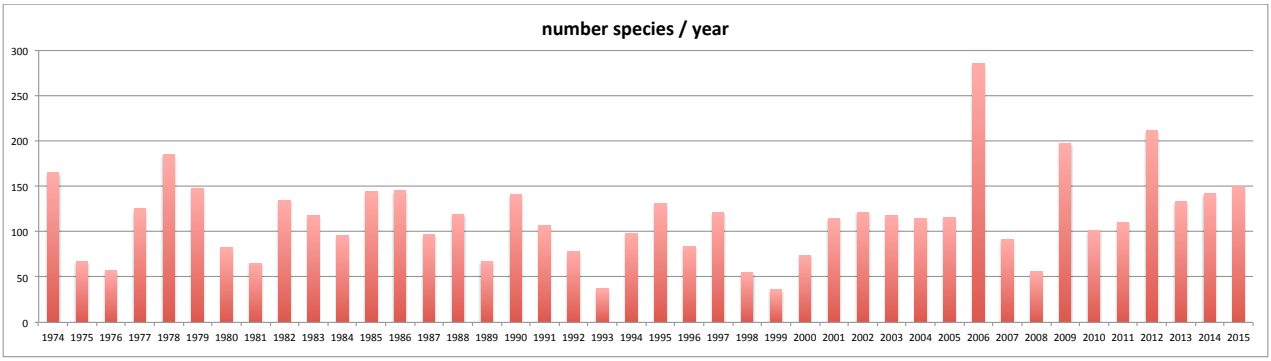
AN - 40 issues - 45 years of bibliographies

AN1 came out in 1972 - and AN40 this year (2016). The editor has been the same, Wim Vader, in all these years, but technological progress has made it a bit easier over the years to keep abreast of the vast and wide amphipod literature, and not to overlook new taxa being described.

A total of 10731 papers (a yearly average of 241) has been listed in the bibliography of AN1-40. In the same period, no less than 4836 new species of amphipods have been described, almost half of the total number of valid species described until now. As the red graph shows, the number of new taxa described varies greatly from year to year; from around 40 in 1993 and 1999 to almost 300 in 2006. Some of the the top years coincide with well-known publication events: in 2006 and 2012 the volumes of prof Ren: Amphipod contributions in the Fauna Sinica appeared, in 2009 the proceedings of the very successful Lizard Island workshop, while 1978 saw the publication of Barnard & Drummonds great paper on Australian Phoxocephalidae.



When we compare productivity over the four decades (blue graph), we see that the output has been more or less constant, with a slight decreasing tendency, during the first three decades, but there is a definite increase in the period 2005 - 2014. At the time, there is a definite "generation change", with many of the older taxonomists retiring (but still publishing), and many new, young colleagues entering the field. Sadly, as recently clearly shown by Olli Coleman in Aveiro (and see Coleman 2015), the possibilities for young taxonomists to get a permanent position allowing them to do taxonomic research are rapidly getting smaller, and it is therefore to be feared that the present increase in activity well may be a temporary one.



How do you get in touch with the Amphipod Newsletter?

Email editors: Wim Vader – (wim.vader(at)uit.no); Adam Baldinger – (abaldinger(at)oeb.harvard.edu); Miranda Lowe -(m.lowe(at)nhm.ac.uk) or Anne Helene Tandberg – (pansdamen(at)gmail.com)

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Wim Vader

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DE SMET, W. H. & M. VEROLET 2016. Epibiotic rotifers of *Gammarus pulex* (L) (Crustacea, Amphipoda), with descriptions of two new species and notes on the terminology of the trophi. ---- *Zootaxa 4107*, 301-320. (*Cephalodella jersabek*i n. sp., *Proales gammaricola* n. sp., *Dicranophorus cambari* and *Embaia laticeps*)

DEBIASSE, M. B., V. P. RICHARDS, M. S. SHIVII & M. E. HELLBERG 2016. Shared phylogeographical breaks in a Caribbean coral reef sponge and its invertebrate commensals. ---- *Journal of Biogeography*, in press (*Callyspongia vaginalis* with i.a. *Leucothoe ashleyi* and *L. kensleyi*.)

DELIC, T., P. TRONTELJ, V. ZAKSEK & C. FISER 2016. Biotic and abiotic determinants of appendage length evolution in a cave amphipod. ---- *Journal of Zoology 299*, 42-50. (*Niphargus croaticus*)

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DUFFY, G.A., Z.R.S. GUTTERIDGE, M.H. THURSTON, T. HORTON 2015. A comparative analysis of canyon and non-canyon populations of the deep-sea scavenging amphipod *Paralicella caperesca*. ---- *Journal of the Marine Biological Association of the United Kingdom,* in press. doi: 10.1017/S0025315415002064

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ENGLISH, M. D., G. J. ROBERTSON & M. L. MALLORY 2015. Trace element and stable isotope analysis of fourteen species of marine invertebrates from the Bay of Fundy, Canada. ---- *Marine Pollution Bulletin 101,* 466-472. (i. a. *Corophium volutator* and *Gammarus oceanicus*.)

ESMAEILI-RINEH, S., F. HEIDARI, C. FISER & V. AKMALI 2016. Description of new endemic species of the genus *Niphargus* Schiödte, 1849 (Amphipoda: Niphargidae) from a karst spring in Zagros Mounrtains in Iran. ---- *Zootaxa 4126*, 338-350. (*N. kermanshahi* n. sp. from Kermanshah province.)

ESMAEILI-RINEH, S., A. SARI, T. DELIC, A. MOSKRIC & C. FISER 2015. Molecular phylogeny of the subterranean genus *Niphargus* (Crustacea: Amphipoda) in the Middle East: a comparison with European Niphargids. ---- *Zoological Journal of the Linnean Society 175,* 812-826. (Many as yet undescribed species in Iran, in a clade also including one species in Lebanon.)

ESMAEILI-RINEH, S., A. SARI & C. FISER 2015. Making future taxonomy of *Niphargus* (Crustacea: Amphipoda: Niphargidae) in the Middle East easier: DELTA database of Middle East species with description of four new species from Iran. ---- *Zootaxa 4020*, 401-430. (The new species are *N. bisitunicus* n. sp. (Kermanshah province), *N. borisi* n. sp. (Kohgiloyeh va Boyer-Amad prov.), *N. darvishi* n. sp. (Chahar-mahal va Bakhteyari prov.) and *N. sharifi* n. sp. (Lorestan prov.).

ESPOSITO, V., S. GIACOBBE, A. COSENTINO, C.S. MINERVA, T. ROMEO, S. CANESE & F. ANDALORNO 2015. Distribution and ecology of the tube-dweller *Ampelisca ledoyeri* (Amphipoda: Ampeliscidae) associated with the hydrothermal field off Panarea Island (Tyrrhenian Sea, Mediterranean). ---- *Marine Biodiversity 45,* 763-768.

ESQUETE, P. & C. ALDEA 2015. *Leucothoe kawesqari*, a new amphipod from Bernardo O´Higgins National Park (Chile), with remarks on the genus in the Magellan Region (Crustacea, Peracarida). ----*ZooKeys 539,* 83-95. (New species found on hard substrates, mainly in kelp forest)

EUSTACE, R.M., H. RITCHIE, N.M. KILGALLEN, S.B. PIERTNEY & A.J. JAMIESON 2016. Morphological and ontogenetic stratification of abyssal and hadal *Eurythenes gryllus sensu lato* (Amphipoda: Lysianassoidea) from the Peru-Chile trench. ---- *Deep-Sea Research Part 1 109,* 91-98. http://dx.doi.org/10.1016/j.dsr.2015.11.005

FAASSE, M. 2015. New records of the non-native amphipod *Ampithoe valida* in Europe. ---- *Marine Biodiversity Records 8*, e87. (Records from SW Netherlands and Mediterranean France.)

FANINI, L., L. E. HUGHES, R. SPRINGTHORPE, L TOSITLO & J. K. LOWRY 2016. Surface activity patterns of macrofauna on pocket, tidal beaches: Insights into the role of wrack and artificial lighting. ---- Regional studies in Marine science, in press. (An Australian study)

FANINI, L. & J. K. LOWRY 2015. Comparing methods in estimating biodiversity on sandy beaches: pitfall vs quadrat sampling. ---- *Ecological Indicators 60*, 358-366.

FEINER, M., S. BEGGEL & J. GEIST 2016. Miniature circulatory systems (MCS): A new exposure system for ecotoxicological effect assessments in riverine organisms. ---- *Environmental Toxicology and Chemistry,* in press.

FERNANDEZ-DEL VALLE, V., C. M. GALVAN-VILLA, J. L. ARRELOLA-ROBLES & M. AYON-PARENTE 2016. Symbiotic association between caprellids (Amphipoda: Caprellidae) and the scorpionfish *Scorpaena mystes* (Pisces: Scorpaenidae). ---- *Symbiosis*, in press. (The caprellid *Caprella suprapiscis* is a permanent associate of this scorpionfish in W. Mexico.)

FISER, Z., F. ALTERMANN, V. ZAKSEK, T. KNAPIC & C. FISER 2015. Morphologically cryptic amphipod species are "ecological clones" at regional but not at local scale: A case study of four *Niphargus* species. ---- *Plos One 10(7),* e0134384. (The four species are *N. krameri* A and B, and *N. spinulifemur* A and B.)

FISER, Z., L. NOVAK, R. LUSTRIK & C. FISER 2016. Light triggers habitat choice of eyeless subterranean but not of eyed surface amphipods. ---- *The Science of Nature 103*, in press.

FOSTER, J. M. & B. P. THOMA 2016. *Polycheria josephensis* n.sp., a new species of symbiotic amphipod (Crustacea, Amphipoda, Dexaminidae) from the Northern Gulf of Mexico, with notes on its ecology. ---- *Zoosystematics and Evolution 92(1)*, 23-31. DOI: 10.3897/zse.92.5789 (*Polycheria josephensis* symbiont of ascidia, from Florida and Gulf of Mexico)

FOUCREAU, N., D. COTTIN, C. PISCART & F. HERVANT 2014. Physiological and metabolic responses to rising temperatures in *Gammarus pulex* (Crustacea) populations living under continental or Mediterranean climate. ----*Comparative Biochemistry and Physiology A 168*, 69-75. (Year of publication corrected from AN 38)

FOUCREAU, N., C. LEHAN, M. LAWNICZAK & F. HERVANT 2016. Fluctuating vs constant temperatures: effects on metabolic rates and oxidative damages in freshwater-crustacean embryos. ---- *Canadian Journal of Zoology*, in press.

FRICKE, A., F. BIANCALANA, G. TONICELLI, A. A. BERASATEGUI, G. A. KOPPRIO, M. C. GAUNA & E. E. PARODI 2015. Insights into ecological and reproductive aspects of two cryptogenic peracarid crustaceans of the Argentinian coast. ---- *Brazilian Journal of Oceanography 63 (3),* 194-206. (i.a. *Monocorophium insidiosum*.)

GALIC. N. & V. E. FORBES 2016. Effects of temperature on the performance of a freshwater amphipod. ---- *Hydrobiologia* , in press. (*Gammarus pseudolimnaeus*)

GALIL, B., F. BOERO, S. FRASCHETTI, S. PIRAINO, M. CAMPBELL, C. HEWITT, J. CARLTON, E. COOK, A. JELMERT, E. MACPHERSON, A. MARCINI, A. OCCHIPINTI-AMBROGI, C. McKENZIE, D. MINCHIN, H. OJAVEER, S. OLENIN & G. RUIZ 2015. The enlargement of the Suez Canal and introduction of non-indigenous species to the Mediterranean Sea. ---- *Limnology and Oceanography Bulletin*, May 2015, 3 pp.

GALIPAUD, M., Z. GAUTHEY, J. TURLIN, L. BOLLACHE & C. LAGRUE 2015. Mate choice and male-male competition among morphologically cryptic but genetically divergent amphipod lineages. ---- *Behavioural Ecology and Sociobiology 69,* 1907-1916. (Various lines of *Gammarus fossarum*)

GARCÍA-SANZ, S., P.G. NAVARRO, L. PNG-GONZALEZ & F. TUYA 2015. Contrasting patterns of amphipod dispersion in a seagrass meadow between day and night: consistency through a lunar cycle. ---- *Marine Biology Research 12,* 56-65 . DOI: 10.1080/17451000.2015.1069357

GAUTHIER, P.T., W.P. NORWOOD, E.E. PREPAS & G. G. PYLE 2016. Behavioural alterations from exposure to Cu, phenanthrene, and Cu-phenanthrene mixtures: linking behaviour to acute toxic mechanisms in the aquatic amphipod, *Hyatella azteca.* ----*Aquatic Toxicology 170,* 377-383.

GELDER, S. de , G. van der VELDE, D. PLATVOET, N. LEUNG, M. DORENBOSCH, H.W.M. HENDRIKS & R.S.E.W. LEUVEN 2016. Competition for shelter sites: Testing a possible mechanism for gammarid species displacements. ---- *Basic and Applied Ecology 17*, 455-462.

GILLAM, P. D. 2016. Community structure and production of the macrobenthos on four artificial reefs in the Mississippi Sound in relation to substrate and profile type. ---- M. Sc Thesis, Univ. of Southern Mississippi. (Not seen)

GILLON, A., A. C. COSTA & J. MICAEL 2016. *Caprella scaura* Templeton, 1836: an invasive caprellid new to the Azores archipelago. ---- *Marine Biodiversity*, in press. (The subspecies *C. s. scaura* and *C. s. typica* ought to be synonymized)

GISMONDI, E., G. MAZZUCCHELLI, E. DE PAUW, C. JOAQUIN-JUSTO & J. P. THOMÉ 2015. Gender difference in responses in *Gammarus pulex* exposed to BDE-47: A gel-free proteomic approach. ---- *Ecotoxicology and Environmental Safety 122*, 205-214.

GISMONDI, E. & J. P. THOMÉ 2016. Transcriptions of the freshwater amphipod *Gammarus pulex* hepatopancreas. ---- *Genomics Data 8*, 91-92.

GOGINA, M., H. NYGÅRD, M. BLOMQUIST, D. DAUNYS, A. B. JOSEFSON, J. KOTTA, A. MAXIMOV, J. WARZOCHA, V. YERMAKOV, U. GRÄWE & M. L. ZETTLER 2016. The Baltic Sea scale inventory of benthic faunal communities. ---- *ICES Journal of Marine Science 73*, 1196-1213.

GOTT, R.C. 2016. Development of gene expression-based biomarkers of exposure to metals and pesticides in the freshwater amphipod *Hyalella azteca*. ---- PhD-thesis, University of Maryland. doi:10.13016/M2PN3J

GOUILLIEUX, B., N. LAVESQUE, H. BLANCHET & G. BACHELET 2016. First record of the non-indigenous *Melita nitida* Smith, 1873 (Crustacea: Amphipoda: Melitidae) in the Bay of Biscay (NE Atlantic). ---- *BioInvasion Records 5 (2),* 85-92. (With a key to European *Melita, Allomelita* and *Abludomelita*)

GOUILLIEUX, B., N. LAVESQUE, J.-
C. LECLERC, V. LE GARREC, F. VIARD & G. BACHELET 2015. Three non-indigenous species of *Aorides* (Crustacea: Amphipoda: Aoridae) from the French Atlantic Coast. ---- *Journal of the Marine Biological Association of the United Kingdom,* in press. doi:10.1017/S0025315415002027 (*Aoroides semicurvatus*, *A. longimerus* and *A. curvipes*, all native to Asia - suggested accidentally introduced with oyster transfers)

GRABNER, D. S., A. M. WEIGAND, F. LEESE, C. WINKING, D. HERING, R. TOLLRIAN & B. SURES 2015. Invaders, natives and their enemies: distribution patterns of amphipods and their microsporidian parasites in the Ruhr Metropolis, Germany. ---- *Parasites & Vectors 8*, 419.

GREEN, L. & P. FONG 2015. The good, the bad and the *Ulva:* the density dependent role of macroalgal subsidies in influencing diversity and trophic structure of an estuarine community. ---- *Oikos 125*, 988-1000.

GUERRA-GARCIA, J. M., T. CHATTERJEE & N. V. SCHIZAS 2015. New genus and new species of Caprellidae (Crustacea: Peracarida: Amphipoda) from the mesophotic coral ecosystems of Puerto Rico and St Croix, Caribbean Sea. ---- *Zootaxa 4018*, 80-96. (Deals with *Borikenella spinosa* n. gen., n. sp. (W. Puerto Rico) and *Liropus gurui* n. sp., also from W. Puerto Rico.)

GUERRA-GARCIA, J. M., I. HACHERO-CRUZADO, P. GONZALEZ-ROMERO, P. JIMENEZ-PRADA, C. CASSELL & M. ROS 2016. Towards integrated multi-trophic aquaculture: lessons from caprellids (Crustacea: Amphipoda). ---- *Plos One 11(4),* e0154776.

GUNN. J. M., B. W. KIELSTRA & E. SZKOKAN-EMILSON 2016. Catchment liming creates recolonization opportunity for sensitive invertebrates in a smelter impacted landscape. ---- *Journal of Limnology 73*, 50-58.

HADJI, R., N. URIEN, E. UHER, L.C.FECHNER & J.D.LEBRUN 2016. Contribution of aqueous and dietary uptakes to leas (Pb) bioaccumulation in *Gammarus pulex*: From multipathway modeling to *in situ* validataion. ----*Ecotoxicology and Environmental Safety 129*, 257-263.

HAVERMANS, C. 2016. Have we seen so far only the tip of the iceberg? Exploring species diversity and distribution of the giant amphipod Eurythenes. ---- Biodiversity, in press.

HAVIRD, J. C. & S. R. SANTUS 2016. Here we are, but where do we go? A systematic review of crustacean transcriptomic studies from 2014-2015. ---- *Integrative and Comparative Biology*, in press.

HELLMANN, C., S. WORISCHKA, E. MEHLER, J. BECKER, R. GERGS & C. WINKELMANN 2015. The trophic function of *Dikerogammarus villosus* (Sowinsky, 1894) in invaded rivers: a case study in the Elbe and Rhine. ---- *Aquatic Invasions 10*, 385-397.

HERKÜL, K., V. LAURINGSON & J. KOTTA 2016. Specialization among amphipods: the invasive *Gammarus tigrinus* has narrower niche space compared to native gammarids. ---- *Ecosphere 7,* e01306

HEWITT, J. E., J. NORKKO, L. KAUPPI, A. VILLNÄS & A. NORKKO 2016.. Species and functional trait turnover in response to broad-scale change and an invasive species. ---- *Ecosphere 7*, e01289 (A Finnish study involving *Monoporeia affinis*)

HIRCHE, H.-J., J. LAUDIEN & F. BUCHHOLZ 2015. Near-bottom zooplankton aggregations in Kongsfjorden: implications for bentho-pelagic coupling. ---- *Polar Biology,* in press. (*Themisto libellula, T. abyssorum* and *T. compressa* discussed)

HOLOPAINEN, R., M. LEHTINIEMI, H. R. M. MEIER, J. ALBERTSSON, R. E. GEROKHOVA, J. KOTTA & M. VIITASALO 2016. Impacts of changing climate on the non-indigenous invertebrates in the northern Baltic Sea by end of the twenty-first century.. ---- *Biological Invasions*, in press. (Amphipods are expected to widen their distribution and increase in abundance in the coastal areas of the northern Baltic)

HOLSINGER, J. R. & T. R. SAWICKI 2016. A new species of the subterranean genus *Stygobromus* (Amphipoda: Crangonyctidae) from a cave spring in northern Florida, USA. ---- *Zootaxa 4067*, 88-94. (*S. floridanus* n. sp.)

HONG, S.-S., J.-H. HEO & Y.-H. KIM 2015. A new species of *Monoliropus* Mayer, 1903 (Crustacea, Amphipoda, Caprellidae) from Korean waters. ---- *ZooKeys 517*, 111-121. (*M. leeae* n. sp. (Bukhang Port, SW Korea.) With a key to *Monoliropus* species.)

HORTON, T. & M. H. THURSTON 2015. A revision of the genus *Paracallisoma* Chevreux, 1903 (Crustacea: Amphipoda. Scopelocheiridae: Paracallisominae) with a redescription of the type species of the genus *Paracallisoma* and the description of two new genera and two new species from the Atlantic Ocean. ---- *Zootaxa 3995*, 91-132. (Deals with *Paracallisoma alberti, P. idioxenos* n. sp. (48*50'N, 16* 30'W, 4842m), *P. zivianii, Haptocallisoma* n. gen. with (type species *Scopelocheirus abyssi*), *H. abyssi, H. lemarete* n. sp. (20* 07'N, 21*33'W, 3800m), *H. spinipoda* and *H. woolgoolga* (both transferred from *Paracallisoma*), and *Pseudocallisoma* n. gen. (with type species *Scopelocheirus caecus*) , *P. caecum*, and *P. platepistomum* (transferred from *Paracallisoma*). Keys to Paracallisomine genera and to *Haptocallisoma* species are provided)

HOSSAIN, M. B. & L. E. HUGHES 2016. New species *Victoriopisa bruneiensis* and *Apocorophium acutum* (Chevreux, 1908) from Brunei (Crustacea: Peracarida: Amphipoda). ----

Zootaxa 4117, 375-386. (First *Corophium* species s.l. from Brunei. *V. bruneiensis* from the Brunei River, Brunei. A key to *Victoriopisa* spp is provided.)

HOU, Z. & B. SKET 2016. A review of Gammaridae (Crustacea: Amphipoda): the family extent, its evolutionary history, and taxonomic redefinition of genera. ---- *Zoological Journal of the Linnean Society 176,* 323-348. (This important paper builds on the 2014 paper by Hou, Sket and Li, and thus the Gammaridae, as here defined, include a number of earlier accepted families, both Ponto-Caspian and Baikalian, as well as the Typhlogammaridae. (The Mesogammaridae, Caspicolidae and Pachyschesiidae were not included in this study and their status remains unclear.) There are discussions about the status and extent of the genera *Gammarus* and *Echinogammarus. Homoeogammarus*, with type species *Gammarus simoni*, also includes a number of species earlier included in *Gammarus* or *Echinogammarus* (the *E. pungens* group); *Ostiogammarus, Laurogammarus* and *Neogammarus* are synonyms. *Chaetogammarus* includes many Ponto-Caspian species. The new genus *Trichogammarus* is erected for *Chaetogammarus trichiatus* (of which *Ch. tenellus major* is a synonym). *Echinogammarus* now includes mostly freshwater species from SW Europe. The genus *Marinogammarus* is revived, as is *Parhomoeogammarus*. The new genus *Relictogammarus* is erected for *Gammarus stoerensis*, which seems to be the sister taxon to the rest of the family. There are also long and rich discussions of the lacustrine gammarids, and the fauna of relict lakes and the Ponto-Caspian, as well as about various morphological specializations.)

HOWINSON, R.A., H. OLFF, M.E.B. van PUIJENBROEK & C. SMIT 2016. Facultative grazing and bioturbation by macrodetrivores alter saltmarsh plant-plant interactions under stress. ---- *Journal of Ecology 104,* 1149-1157. (*Orchestia gammarellus* changed the interaction between plants)

HUBBARD, W.A. 2016. Benthic studies in upper Buzzards Bay, Massachusetts: 2011/12 as compared to 1955. ---- *Marine Ecology 37,* 532-542.

HUBENOV, Z. 2015. Species composition of the free-living multicellular invertebrate animals (Metazoa: Invertebrata) from the Bulgarian sector of the Black Sea and the coastal brackish basins. ---- *Historia Naturalis Bulgarica 21*, 49-168. (Not seen)

HUGHES, L.E. 2015. Maeridae from the Indo-Pacific: *Elasmopus, Leeuwinella* gen. nov., *Maeropsis, Pseudelasmopus* and *Quadrimaera* (Amphipoda: Crustacea). ----*Zootaxa 4059 (2),* 201-256. (Deals with *Elasmopus coxacallus* n. sp. (Cocos Keeling Isl.), *E. gracilis, E. incomptus* n. sp. (Norfolk Isl., Aus), *E. integer, E. molokai, E. norfolkensis* n. sp. (Norfolk Isl., Aus), *E. souillacensis, Leeuwinella mistakensis* n. gen., n. sp. (King George Sound, W. Aus.), *Maeropsis griffini, Pseudelasmopus walkerae* n. sp. (Norfolk Isl., Aus), *Quadrimaera brownorum* n. sp. (Cape Leveque, W. Aus.), *Q. gregoryi* n. sp. (Fremantle, W. Aus.), *Q. metinaro, Q. micheli, Q. pacifica*, *Q. quadrimana, Q. reishi, Q. serrata, Q.vallaris* n. sp. (Norfolk Isl, Aus.), and *Q. viridis*.)

HUGHES, L. E. 2016. *Mallacoota misool*, a new species of Maeridae from West-Papua (Crustacea: Peracarida: Amphipoda). ---- *Zootaxa 4072*, 589-592 (from Misool Island, W. Papua.)

HUGHES, L. E. 2016. New genera, species and records of Maeridae from Australian waters: *Austromaera, Ceradocus, Glossomaera, Hamimaera, Huonella* gen. nov., *Linguimaera* and

Maeraceterus gen. nov. (Crustacea: Amphipoda). ---- *Zootaxa 4115,* 1- 81. (Starts out with keys to Australian *Linguimaera* s.l and *Ceradocus*, and deals with i.a. *Austromaera mastersii* , *Ceradocus baudini* n. sp. (Abrolhos Isl., W. Aus.), *C. circe, C. crenatipalma*, *C. ramsayi, C. rubromaculatus, C. serratus, C. yandala, Glossomaera octodens, Hamimaera thijsseni* n. sp. (Nuyts Archipelago S. Aus.), *Huonella huonensis* n. gen., n. sp. (Hill U Seamount, Tas.), *Linguimaera boecki, L. boeckoides* n. sp. (Norfolk Island), *L. daveyi* n. sp. (Port Davey, Tas.), *L. everardensis* n. sp. (C. Everard, Vic.), *L. garitima, L. leo, L. mere* n. sp. (Norfolk Island), *L.* sp. (Cocos Keeling Isl.), *L. pirloti, L. schickelae, L. tias, Maeraceterus bramblensis* n. gen., n. sp. (Bramble Point, W. Aus.) and *M. taaroa* n. sp. (Norfolk Island).)

HUGHES, L.E. 2016. Designation of neotypes for *Cyrtophium orientale* Dana, 1853, *Podocerus brasiliensis* (Dana, 1853) and *P. cristatus* (Thompson, 1879) and the description of a new species *Podocerus cyrenensis* (Crustacea: Amphipoda: Podoceridae). ---- *Raffles Bulletin of Zoology suppl. 34,* 312-330. (This is the first record of *Cyrtophium orientale* since its description (from Singapore), while *Podocerus brasiliensis* turns out to be common in Australian waters. *P. cyrenensis* n sp. is described from Singapore waters.)

HUGHES, L. E. & S. T. AHYONG 2016. Collecting and processing amphipods. ---- *Journal of Crustacean Biology*, in press.

HUGHES, L.E. & J.K. LOWRY 2015. A review of the world Cyphocarididae with description of three new species (Crustaea, Amphipoda, Lysianassoidea). ---- *Zootaxa 4058 (1),* 1-40. (The new species *Cyphocaris ananke, C. nesoi* (both Tasmania, 1685-2524m) and *C. tartaros* (Tasman Sea, 1331-1345m) are described, and a neotype (from Greenland) for *Cyphocaris anonyx* Boeck, 1871 (type species of *Cyphocaris*) is established. An updated key to all 17 *Cyphocaris* is given, as well as new distribution records for 8 spp)

HUGHES, L.E. & A.G. POORE 2016. *Biancolina japonica* Ishimaru 1996: first record of this burrowing amphipod from Australia and a review of host use in the genus *Biancolina* (Amphipoda: Peracarida: Crustacea). ---- *Marine Biodiversity Records 9:32*, doi:10.1186/s41200-016-0040-7

HURTADO-ORMEDO, C. & M. GEORGE-NASCIMENTO 2016. Factors accounting for variations in the parasitism by metacercariae (Digenea, Microphallidae) in the amphipod *Apohyale hirtipalma* (Gammaridea) in the Southeastern Pacific coast. ---- *Revista de Biologia Marina y Oceanografia 51*, 81-88. (A Chilean study)

IACIOFANI, D., L. MUSCO, T. VEGA FERNANDEZ & S. LO BRUTTO 2015. (Amphipod crustacean assemblages of *Sabellaria alveolata* (L.) (Annelida) reefs in the Sicily Strait (Mediterranean Sea).) ---- *46d Congresso della Societa Italiana di Biologia Marina, Roma, 2015*, 2 pp (In Italian).

IMBERGER, S. J., C. J. WALSH, E. TSYRLIN, D. G. KERR & M. TEWMAN 2016. Variability in the response of amphipods and macroinvertebrate assemblage structure to prolonged drought in forested upland systems. ----*Biodiversity and Conservation 25*, 1465-1480 . (An Australian study, featuring *Paramoera fontana* and *Austrogammarus australis*.)

INOSTROZA, P.A., A.-J. WICHT, T. HUBER, C. NAGY, W. BROCK & M. KRAUSS 2016. Body burden of pesticides and wastewater -derived pollutants of freshwater invertebrates: Method development and application in the Danube River. ---- *Environmental Pollution 214,* 77-85.

IVEY, C.D. & C.G. INGERSOLL 2016. Influence of bromide on the performance of the amphipod *Hyalella azteca* in reconstituted waters. ---- *Environmental Toxicology and Chemistry* in press.

IVEY, C.D., C.G. INGERSOLL, W.G. BRUMBAUGH, E.J. HAMMER, D.R. MOUNT, J.R. HOC KETT, T.J. NORBERG-KING, D. SOUCEK & L. TAYLOR 2016. Using an inter-laboratory study to revise methods for conducting 10- to 42-d water or sediment toxicity tests with *Hyalella azteca*. ---- *Environmental Toxicology and Chemistry* in press.

JAKOB, L., D.V. AXENOV-
GRIBANOV, A.N. GURKOV, M. GINZBURG, D.S. BEDULINA, M.A. TIMOFEYEV, T. LUCK ENBACH, M. LUCASSEN, F.J. SARTORIS & H.-O. PÖRTNER 2016. Lake Baikal amphipods under climate change: thermal constraints and ecological consequences. ---- *Ecosphere 7(3)*:e01308.10.1002/ecs2.1308. (Thermal tolerances of *Eulimnogammarus verrucosus, E. cyaneus* and *Gammarus lacustris* examined.)

JAKUBOWSKA, M. & M. NORMANT-SAREMBA 2016. The influence of carbon dioxide-induced water acidification on the osmotic and metabolic responses of the Baltic amphipod *Gammarus oceanicus*. ---- *Marine and Freshwater Behaviour and Physiology 49*, 173-185. DOI: 10.1080/10236244.2016.1157928 (Acidification did not alter metabolic rate)

JIMENEZ-PRADO, P., I. HACHERO-CRUZADO & J. M. GUERRA-GARCIA 2015. (The importance of amphipods in diets of marine species with aquaculture interest of Andalusian coast.) ---- *Zoologia Baetica 26*, 3- 29. (In Spanish)

JOHANNESEN, E., L. L. JØRGENSEN, M. FOSSHEIM, R. PRIMICERIO, M. GREENACRE, P. A. LJUBIN, A. V. DOLGOV, R. B. INGVALDSEN, N.A. ANISIMOVA & I. E. MANUSHIN 2016. Large-scale patterns in community structure of benthos and fish in the Barents Sea. ---- *Polar Biology*, in press.

JOURDAN, J., B. WESTERWALD, A. KIECHLE, W. CHEN, B. STREIT, S. KLAUS, M. OETKEN & M. PLATH 2016. Pronounced species turnover, but no functional equivalence in leaf consumption of invasive amphipods in the river Rhine. ---- *Biological Invasions 18,* 763-774.

JOZWIAK, P., T. REWICZ & K. PABIS 2015. Taxonomic etymology—in search of inspiration. ----*ZooKeys 513*, 143-160.

JUNG T.W., H.K. CHOI & S.M. YOON 2015. First record of the genus *Lepidepecreum* (Amphipoda: Lysianassidae: Tryphosinae) from Korean Waters. ---- *Korean Journal of Environmental Biology 33(2),* 119-125. (*Lepidepecreum vitjazi* Gurjanova, 1962 - including a redescription with illustrations)

JUNG, T.W., Y.-H. KIM & S.M. YOON 2015. New record of the family Cyproideidae (Crustacea: Amphipoda: Gammaridea) from Korean Waters. ---- *Korean Journal of Environmental Biology 33(2),* 126-131. (*Terepeltopes dolichorhunia* Hirayama, 1983 found outside of Japan. Description and illustration of the species)

JUNG, T. W., C. H. YI & S. M. YOON 2016. A new species of the genus *Polycheria* (Paracarida, Amphipoda, Dexaminidae) from South Korea. ---- *Crustaceana 89*, 625-638. (*P. acercauda* n. sp. (Maando Island, from sponges and ascidians). With a key to far-eastern Polycheria.)

JUNG, T.W. & S.M. YOON 2015. New records of Nuuanuidae (Crustacea: Amphipoda: Senticaudata) from Korean waters, with description of one new genus and two new species. ---- *Journal of Natural History 50,* 1045-1072. DOI: 10.1080/00222933.2015.1103914 (*Nuuanu paracyclodactyla* n.sp. and *Parvipalpus holocaudatus* n.gen, n.sp are descibed, and a key to the genera of the family Nuuanuidae as well as to the species of *Nuuanu* is provided.)

KANG, S., S. KIM & H. PARK. 2015. Transcriptions of the Antarctic amphipod *Gondogeneia antarctica* and its response to pollutant pressure. ---- *Marine Genomics 24*, 253-254.

KARNAUKHOV, D.Y., D.S.BEDULINA, A.KAUS, S.O.PROKOSOV, L.SARTORIS, M.A.TIM OFEYEV & V.V. TAKHTEEV 2016. Behaviour of Lake Baikal amphipods as a part of the night migratory complex in the Kluevka settlement regian (South-eastern Baikal). ----*Crustaecana 89,* 419-430.

KATOUZIAN, A.-R., A. SARI, J.N. MACHER, M. WEISS, A. SABOORI, F. LEESE & A.M. WEIGAND 2016. Drastic underestimation of amphipod biodiversity in the endagered Irano-Anatolian and Caucasus biodiversity hotspots. ---- *Nature Scientific Reports 6*, article number 22507. (42 genetically identified species in 5 reported morphospecies)

KAZMI, Q. B., M. A. KAZMI & H. BANO 2016. *Exotic marine crustaceans of Pakistan—a preliminary assessment*. ---- Abstracts 33d Pakistan Congress of Zoology, 400-401 (four amphipod spp listed.)

KENCHINGTON, E., I. YASHAYAEV, O. S. TENDAL & H. JØRGENSBYE 2016. Water mass characteristics and associated fauna of a recently discovered *Lophelia pertusa* (Scleractinia: Anthozoa) reef in Greenland waters. ---- *Polar Biology*, in press (Three amphipods mentioned, i.a. *Caprella rinki,* previously only known from the type material)

KENDEROV, L. & S. ANDREEV 2015. *Niphargus cvetkovi* sp.n., a new species of the genus *Niphargus* Schiødte, 1847 (Amphipoda, Niphargidae) from Bulgaria. ---- *Acta Zoologica Bulgarica 67*, 179-185. (From Novi Han, E. of Sofia)

KENNEDY, L., T. L. WATSON-LEUNG & D. G. POIRIER 2016. The evaluation of three diets for rearing *Hyalella azteca* and the influence of diet on acute ammonium toxicity. ---- *Environmental Toxicity and Chemistry*, in press.

KILGALLEN, N. M. & J. K. LOWRY 2015. The tryphosine genus *Cheirimedon* in Australian waters (Crustacea, Amphipoda, Lysianassidae, Tryphosinae). ---- *Zootaxa 4014*, 1-68. (Deals with

Cheirimedon adentatus (transferred from *Hippomedon*), *Ch. cansada, Ch. chevreuxi* n. sp. (S. of Pt Hicks, Vic.), *Ch. crenatipalma, Ch. danai* n. sp. (S. of Pt Hicks, Vic.), *Ch. denturus* (transf. from *Hippomedon*), *Ch. falcata* (transf. from *Tryphosoides)*, *Ch. femoratus, Ch. foscae, Ch. gurjanovae* n. sp. (E. of Fortescue Bay, Tas., 1000m), *Ch. hendrycksi* n. sp. (E. of Broken Bay, NSW), *Ch. hurleyi* n. sp. (E. of Broken Bay, NSW), *Ch. margaretae* n. sp. (E of Long Reef Pt , NSW*), Ch. norna* n. sp. SE of Broken Bay, NSW), *Ch. posidonia* n. sp.(near Port Pirie, S. Austr.), *Ch. rodondo* n. sp. (SW of Cape Otway, Vic.), *Ch. stebbingi* n. sp. (E. of Long Reef Pt, NSW), *Ch. thirroui* n. sp. (SE of Wollongong, NSW), *Ch. towamba* n. sp. (Twofold Bay, NSW), *Ch. trigonum* n. sp. (SE of Bate Bay, NSW), *Ch. truncatus* n. sp. (King Island) and *Ch. vella* (transf. from *Uristes*). A key is provided.)

KLEINHENZ, L. S., D. NUGEGODA, E. R. VERSPAANDONK, D. C. COOMBES, S. HOWE & J. SHIMETA 2016. Toxicity of an herbicide and adjuvant to saltmarsh invertebrates in the management of invasive grass: Comparative laboratory and field tests. ---- *Marine Pollution Bulletin*, in press (i.a. *Allorchestes compressa*)

KOBAK, J., M. RACHALEWSKI & K. BACELA-SPYCHALSKA 2016. Conquerors or exiles? Impact of interference competition among invasive Ponto-Caspian gammarideans on their dispersal rates. ---- *Biological Invasions 18,* 1953-1965.

KOESTER, M., B. BAYER & R. GERGS 2016. Is *Dikerogammarus villosus* (Crustacea Gammaridae) a “killer shrimp” in the River Rhine system? ---- *Hydrobiologia 768*, 299 - 313. (It does not seem to be a killer of the ecosystem)

KOHLBACH, D., M. GRAEVE, B. A. LANGE, C. DAVID, I. PEEKEN & H. FLORES 2016. The importance of ice algae-produced carbon in the central Arctic Ocean ecosystem: Food web relationships revealed by lipid and stable isotope analyses. ---- *Limnology and Oceanography*, in press.

KONOPACKA, A., K. HUPALO, T. REWICZ & M. GRABOWSKI 2014. Species inventory and distribution patterns of freshwater amphipods in Moldova. ----*North-western Journal of Zoology 10,* 382-392. (Previously overlooked.)

KORKOFIGAS. E., T. PARK & T. C. SPARKS 2016. Acanthocephalan-related variation in the pattern of energy storage of a behaviorally and physiologically modified host: field data. ---- *Parasitological Research 115*, 339-345.

KRAPP-SCHICKEL, T. 2015. Minute but constant morphological differences within members of Stenothoidae: the *Stenothoe gallensis* group with four new members, keys to *Stenothoe* worldwide, a new species of *Parametopa* and *Sudanea* n. gen. (Crustacea: Amphipoda). ---- *Journal of Natural History 49*, 2309-2377. (Deals with *Stenothoe gallensis, S. cattai, S. crenulata* (revived), *S. dentirama, S. andamanensis* n. sp. (Havelok, Andaman Islands*), S. clavetta* n. sp. (Bermuda), *S. himyara* (Port Sudan, Red Sea) and *S. senegalensis* n. sp. (Ile de Gorée, Senegal), all in the *Stenothoe gallensis* group. Furthermore *S. valida, S. aucklandica, S. macrophthalma, S. verrucosa* and *S. frecanda*. A series of identification keys allows one to identify every *Stenothoe* world-wide. *Parametopa gorea* n. sp. was collected from the Isle de Gorée, Senegal, and a key to

Parametopa spp is also provided. Finally, *Sudanea inopinata* n. gen., n. sp. was found at Port Sudan, Red Sea.)

KRAPP-SCHICKEL, T. & W. VADER 2015. Stenothoids living with or on other animals (Crustacea, Amphipoda). ---- *Zoosystematics and Evolution*, 91, 215-246. (Deals with *Stenothoe bartholomea* n. sp. (from the sea anemone *Bartholomea* in Florida), *S. miersii*, the genus *Stenula* (with discussion and a key) , *Metopa rubrovittata* and *Stenula latipes* (Not synonymous after all!), *Stenula pugilla* n. sp. (from the sea-anemone *Haliactis* in Alaska),?*S. peltata* (with *S. ratmanovi* as probable synonym), and *S. solsbergi* (transferred from *Metopa*, as is *S. invalida*, while *Stenula arctica* is shown to be a junior synonym of *S. nordmanni*). Table 1 lists associations of Stenothoidae with large marine invertebrates.)

KRASZNAI, E.Á., P. BODA, A. CSERCSA, M. FICSÓR & G. VÁRBÍRÓ 2015. Use of Self Organising Maps in modelling the distribution patterns of gammarids (Crustacea: Amphipoda). ---- *Ecological Informatics 31,* 39-48. doi: 10.1016/j.ecoinf.2015.11.007

LABAUDE, S., F. CÉZILLY, X. TERCIER & T. RIGAUD 2015. Influence of host nutritional condition on post-infection traits in the association between the manipulative acanthocephalan *Pomphorhynchus laevis* and the amphipod *Gammarus pulex.* ---- *Parasites & Vectors 8*, 403 (12 pp)

LACEY, N.C., A.A. ROWDEN, M.R. CLARK, N.M. KILGALLEN, T. LINLEY, D.J. MAYOR & A.J. JAMIESON 2016. Community structure and diversity of scavenging amphipods from bathyal to hadal depths in three South Pacific Trenches. ---- *Deep-Sea Research I 111,* 121-137.

LAGAR, M.C., L. PASSAGLI, G. CAPPUGI, G. GIUSFREDI, I. COLOMBINI, M. FALLACI, L . CHELAZZI & F. SCAPINI 2016. Enzyme activity and trophic links of macroarthropods living on an exposed Mediterranean beach-dune system. ---- *Italian Journal of Zoology 83,* 221-232. (i.a. *Talitrus saltator*)

LAGRUE, C., K. HEAPHY, B. PRESSWELL & R. POULIN 2016. Strong association between parasittism and phenotypic variation in a supralittoral amphipod. ---- *Marine Ecology Progress Series 553*, 111-123. doi: 10.3354/meps11752 (*Transorchestia chilensis* study species)

LAST, K., L. HOBBS, J. BERGE, A.S. BRIERLEY & F. COTTIER 2016. Moonlight drives ocean-scale mass vertical migration of zooplankton during the Arctic winter. ---- *Current Biology 26*, 1-8. http://dx.doi.org/10.1016/j.cub.2015.11.038 (*Themisto libellula* one of the active participants in the DVM hunting copepods)

LAVALEYE, M., G. DUINEVELD, M. BERGMAN & I. van den BELD 2015. Long-term baited lander experiments at a cold-water coral community on Galway Mound (Belgica Mound Province, NE Atlantic). ---- *Deep-Sea Research II,* in press. (Amphipods sighted most frequently)

LAVANIEGOS, B. E. 2014. Pelagic amphipod assemblage associated with subarctic waters off the West Coast of the Baja California peninsula. ---- *Journal of Marine Systems 132*, 1-12.

LE, Q. N., M. FUJII, C. YOSHIMURA & K. TOCKNER 2016. Dissolved nitrogen release from coarse and amphipod-produced fine particulate matter in freshwater column. ---- *Limnology 17*, 33-46.

LEDUC, D. & J. WILSON 2016. Benthimermithid nematode parasites of the amphipod *Hirondellea dubia* in the Kermadec Trench. ---- *Parasitological Research 115,* 1675-1682.

LEGEZYNSKA, J., K. DEJA & M. WLODARSJKA-KOWALCZUK 2015. First record of the family Dexaminidae and species *Guernea (Prinassus) nordenskioldii* in the west Spitsbergen fjords (Svalbard, Greenland Sea). ---- *Marine Biodiversity Records 8*, e107. (Species also found in same area by WV)

LEUNG, J., J. D. S. WITT, W. NORWOOD & D. G. DIXON 2016. Implications of Cu and Ni toxicity in two members of the *Hyalella azteca* cryptic species complex: mortality, growth, and bioaccumulation parameters. ---- *Environmental Toxicology and Chemistry*, in press.

LÉVESQUE, D., A. CATTANEO & C. HUDON 2015. Benthic cyanobacterial mats serve as refuge and food for the amphipod *Gammarus fasciatus*. ---- *Hydrobiologia 758*, 171-181.

LEWIS, S. E., J. G. FREUND, G. E. RIDDER, J. L. WANKOWSKI, J. T. A. DICK & M. G. BALDRIDGE 2015.Interspecific comparison of estrogen and testosterone concentrations in three species of amphipods (*Gammarus duebeni celticus, G. pseudolimnaeus*, and *G. pulex*). ---- *Journal of Crustacean Biology 35*, 789-792.

LEWIS, S.E., J.G. FREUND, J.L. WANKOWSKI & M.G. BALDRIDGE 2015. Correlations between estrogen and testosterone concentrations, pairing status and acanthocephalan infection in an amphipod. ---- *Journal of Zoology 298,* 241-248. DOI: 10.1111/jzo.12309 (*Gammarus pseudolimnaeus* being studied)

LI, J. S. 2015. *Obesogammarus crassus* (G. O. Sars, 1894). ---- *Glansis*, Great Lakes Aquatic Nonindigenous Information System, 5 pp

LÖF, M., B. SUNDELIN, C. BANDH & E. GOROKHOVA 2016. Embryo aberrations in the amphipod *Monoporeia affinis* as indicators of toxic pollutants in sediments: A field evaluation. ---- *Ecological Indicators 60,* 18-30.

LONGO, E., T. VERSCHUT, L. CARROZZO, M. ZOTTI, G. MANCINELLI 2016. Inter- and intra-specific variation in movement behaviour of benthic macroinvertebrates from a transitional habitat: a laboratory experiment. ---- *Rendiconti Fisici del Accademia Lincei* 27, 281-290. DOI 10.1007/s12210-015-0475-5 (*Gammarus aequicauda* one of three peracaridan species examined.)

LÖRZ, A.-N. 2015. An enigmatic *Rhachotropis* (Crustacea: Amphipoda: Eusiridae) from New Zealand. ---- *Zootaxa 4006*, 383-391. (*Rh. oweni* n. sp. from Clark Seamount, S. Kermadec Ridge, New Zealand.)

LÖRZ, A.-N. & K. SCHNABEL 2015. A new amphipod *Nicippe rogeri* sp. nov. (Crustacea, Pardaliscidae) from New Zealand's deep sea. ---- *Zootaxa 3995*, 84-90. (Chatham Rise, 43*51'S, 179*64'E. A key to *Nicippe* species is provided)

LOTUFO, G.R., J.D. FARRAR, J.M. BIEDENBACH, J.G. LAIRD, M.O. KRASNEC, C. LAY, J. M. MORRIS & M.L. GIELAZYN 2016. Effects of sediment amended with Deepwater Horizon incident slick oil on the infaunal amphipod *Leptocheirus plumulosus.* ---- *Marine Pollution Bulletin*, in press. doi:10.1016/j.marpolbul.2016.05.073

LOWRY, J.K. & S. BALDANZI 2016. New talitrids from South Africa (Amphipoda, Senticaudata, Talitroidea, Talitridae). ---- *Zootaxa 4144,* 151-174. (Deals with *Africorchestia meridionalis* n. sp. (Mossel Bay), *A. quadrispinosa, Capeorchestia* n. gen., with as type *Talorchestia capensis, Eorchestia dassenensis* (transferred from *Parorchestia*) and *Platorchestia platensis*, found at a new S. African locality..Ecological data are provided.)

LOWRY, J. K. & L. E. HUGHES 2015. Endevouridae, a review with description of four new species (Crustacea, Amphipoda, Lysianassoidea). ---- *Zootaxa 4018*, 1-34. (Deals with *Endevoura inusitata* n. sp. (North West Shelf, W. Australia), *E. mirabilis, E. prodigium* n. sp. (NE of North Point, Flinders island), *E. sinica, Ensayara angustipes, E. bifurcata, E. carpinei, E. dentarius, E. entrichoma, E. evax* n. sp. (King George Sound, W. Australia), *E. gappai, E. iara, E. jumane, E. kermadecensis, E. laetum* n. sp. (Pt Hicks, Vic.), *E. lozanoi, E. microphthalma, E. ramonella, E. ursus* and *E.* sp (s. Nagata 1965). Keys are provided.)

LOWRY, J. K. & N. M. KILGALLEN 2015. A new species of *Waldeckia* from the Austral Isles, Society Islands (Amphipoda, Lysianassoidea, Lysianassidae, Waldeckiinae). ---- *Zootaxa 3995*, 78-83. (*W. bamberi* n. sp. from off Tubuai, Austral Isles, French Polynesia)

LUCAS, L. A., Z. GOMPERT, J. R. GIBSON, K. L. BELL, C. A. BUERKLE & C. C. NICE 2016. Pervasive gene flow across critical habitat for four narrowly endemic sympatric taxa. ---- *Freshwater Biology 61,* 933-946. (i.a. *Stygobromus pecki*.)

LUCKENBACH, T., D. BEDULINA & M. TIMOFEYEV 201?. Is the Endemic Fauna of Lake Baikal Affected by Global Change? ----???? (https://www.researchgate.net/profile/Till_Luckenbach/publication/290440467_Is_the_Endemic_Fauna_of_Lake_Baikal_Affected_by_Global_Change/links/569e529d08ae192a92a4a0c6.pdf)

LUCY, F. E., H. ROY, A. SIMPSON, J. T. CARLTON, J. M. HANSON, K. MAGELLAN, M. L. CAMPBELL, M. J. COSTELLO, S. PAGAD, C. L. HEWITT, J. McDONALD, P. CASSEY, S. M. THOMAS, S. KATSANEVAKIS, A. ZENETOS, E. TRICARICO, A. BOGGERO, Q. J. GROOM, T. ADRIAENS, S. VANDERHOEVEN, M. TORCHIN, R. HUFBAUER, P. FULLER, M. R. CARMAN, D. B. CONN, J. R. S. VITULE, J. CANNING-CLODE, B. S. GALIL, H. OJAVEER, S. A. BAILEY, T. W. THERRIAULT, R. CLAUDI, A. GAZDA, J. T. A. DICK, J. CAFFREY, A. WITT, M. KENIS, M. LEHTINIEMI, H. HELMSAARI & V. E. PANOV 2016. INVASIVESNET towards an international association for open knowledge on invasive alien species. ---- *Management of Biological Invasions 7*, 131-139.

LÜRIG, M.D., R.J. BEST & J.J. STACHOWICZ 2016. Microhabitat partitioning in seagrass mesograzers is driven by consistent species choices across multiple predator and competitor contexts. ----*Oikos,* in press. (7 amphipod species examined, listed in Table 1)

MACAYA, E. C., B. LOPEZ, F. TALA, F. TELLIER & M. THIEL 2016. Float and raft: Role of buoyant seaweeds in the phylogeography and genetic structure of non-buoyant associated flora. ---- Pp 97-130 in Z..-M. Hu & C. Fraser (eds). Seaweed phylogeography. Springer Science and Business, Dordrecht.

MacAVOY, S. E., A. BRACISZEWSKI, E. TENGI & D. W. FONG 2016. Trophic plasticity among spring vs cave populations of *Gammarus minus*: examining functional niches using stable isotopes and C/N ratios. ---- *Ecological Research 31*, 589-595.

MACH, M. E., C. D. LEVINGS & K. M. A. CHAN 2016. Nonnative species in British Columbia eelgrass beds spread via shellfish aquaculture and stay for the mild climate. ---- *Estuaries and Coasts*, in press (Six amphipod spp in Table 1)

MACHADO, G. B. DE OLIVEIRA, A. B. NEUFELD, S. A. DENE, S. G. L. SIQUERA & F. P. P. LEITE 2015. Variation of amphipod assemblage along the *Sargassum stenophyllum* (Phaeophyta, Fucales) thallus. ---- *Nauplius 23 (1*), 73-78. (Amphipods identified to family.)

MAMOS, T., R. WATTIER, A. BURZYNSKI & M. GRABOWSKI 2016. The legacy of a vanished sea: a high level of diversification within a European freshwater amphipod species complex driven by 15 My of Paratethys regression. ----*Molecular Ecology 25,* 795-810. DOI: 10.1111/mec.13499 (*Gammarus balcanicus*)

MARCHINI, A., J. FERRARIO & E. NASI 2016. Arrival of the invasive amphipod *Grandidierella japonica* to the Mediterranean Sea. ---- *Marine Biodiversity Records 9:38.* doi: 10.1186/s41200-016-0049-y

MARESCAUX, J., A. LATLI, J. LORQUET, J. VIRGO, K. VAN DONINCK & J.-N. BEISEL 2016. Benthic macro-invertebrate fauna associated with *Dreissena* mussels in the Meuse River: from incapacitating relationships to facilitation. ---- *Aquatic Biology 50,* 15-28. (First observations of *Chelicorophium robustum* in Belgium and of *Echinogammarus trichiatus* in the Belgian Meuse river system.)

MARIC, M., J. FERRARIO, A. MARCHINI, A. OCCHIPINTI-AMBROGI & D. MINCHIN 2016. Rapis assessment of marine non-indigenous species on mooring line of leisure craft: new records in Croatia. ---- *Marine Biodiversity*, in press (i.a. *Elasmopus rapax*)

MARIN JARRIN, J. R., S. L. MIÑO QUESADA, L. E. DOMINGUEZ-GRANDA, S. M. GUARTATANGA-ARGUDO & M.del P. C. R. de GRUNAUER. 2016. Spatio-temporal variability of the surf-zone fauna of two Ecuadorian sandy beaches. ---- *Marine & Freshwater Research 67,* 566-577. (Not seen)

MARTÍN, A., P. MILOSLAVICH, Y. DÍAZ, H. ORTEGA, E. KLEIN, J. TRONCOSO, C. ALDEA & A.K. CARBONINI 2015. Intertidal benthic communities associated with the macroalgae

Iridaea cordata and *Adenocystis utricularis* in King George Island, Antarctica. ---- *Polar Biology 39,* 207-220. DOI 10.1007/s00300-015-1773-1 (11 sp of Amphipoda associated with the two macroalgae, see Table 3)

MARTINEZ-HARO, M., P. ACEVEDO, A.J. PAIS-COSTA, M.A. TAGGART, I. MARTINS, R. RIBEIRO & J.C. MARQUES 2016. Assessing estuarine quality: A cost-effective in situ assay with amphipods. ---- *Environmental Pollution 212,* 382-391.

MARTINEZ-LAIZ, G. & J. M. GUERRA-GARCIA 2015. Dietary analysis of caprellids *Caprella penantis* and *Caprella grandimana* (Crustacea: Amphipoda) in southern Spain. ---- *Marine Biology 162*, 2057-2066.

MAURO, F. da M. & C. S. SEREJO 2015. The family Caprellidae (Amphipoda: Caprelloidea: Caprellidae) from Campos Basin, Southwestern Atlantic, with a key of species occurring in Brazil. ---- *Zootaxa 4006*, 103-127. (Deals with *Deutella incerta, Liropus guerragarciai* n. sp. (22*40'S, 17*38'W, 1000m), *Mayerella sittropiae* n. sp. (23*11'S, 41*0'W), and *Paracaprella pusilla*. In addition to the identification key, synoptic keys compare the species here treated with related species.)

MAYÉN-ESTRADA, R. & J. C. CLAMP 2016. An annotated checklist of species in the family Lagenophryidae (Ciliophora, Oligohymenophorea, Peritrichia) , with a brief review of their taxonomy, morphology, and biogeogeography. ---- *Zootaxa 4132*, 451-492 (Brings together all published information on this group of ciliates, many species of which have amphipods as hosts.)

MAYER, G., A. MAAS & D. WALOSZEK 2015. Mouthpart morphology of *Synurella ambulans* (F. Müller, 1846). ----*Spixiana 38(2),* 219-229.

MAYZAUD, P. & M. BOUTOUTE 2015. Dynamics of lipid and fatty acid composition of the hyperiid amphipod *Themisto*: a bipolar comparison with special emphasis on seasonality. ---- *Polar Biology 38,* 1049-1065.

McCLAIN, C.R., J.P.P. BARRY, D. EERNISSE, T. HORTON, J. JUDGE, K. KAKUI, C. MAH, A. WAREN 2016. Multip le processes generate productivity-diversity relationships in experimental wood-fall communities. ---- *Ecology 97,* 885-898. http://dx.doi.org/10.1890/15-1669.1

McDONALD, R. B., R. M. MOODY, K. L. HECK & J. CEBRIAN 2015. Fish, macroinvertebrates and epifaunal communities in shallow coastal lagoons with varying seagrass cover of the northern Gulf of Mexico. ---- *Estuaries and Coasts 39,* 718-730.

McDOWELL, R.E, C. D. AMSLER, M. O. AMSLER, Q. LI & J. R. LANCASTER 2016. Control og grazing by light availability via light-dependent wound-induced metabolites: The role of active oxygen species. ---- *Journal of Experimental Marine Biology and Ecology 477*, 86-91

McGOVERN, M. 2016. Hyperbenthic Food-Web Structure in Kongsfjord: A Two-Season Comparison using Stable Isotopes and Fatty Acids. ----*Master Thesis, University of Tromsø.*

(*Andaniexis lupus, Acanthostepheia malmgreni, Arrhis phyllonyx, Syrrhoe crenulata* and *Halirages fulvocinctus* were amphipod species examined)

MEDEIROS, T. B. & L. I. WEBER 2016. Aspects of the reproductive biology of the freshwater/ brackish amphipod *Quadrivisio lutzi* (Crustacea, Amphipoda) from an unstable coastal lagoon of southeastern Brazil. ---- *Nauplius 24,* e2016003

MÉDOC, V., H. ALBERT & T. SPATARO 2015. Functional response comparisons among freshwater amphipods: ratio-dependence and higher predation for *Gammarus pulex* compared to the non-natives *Dikerogammarus villosus* and *Echinogammarus berilloni. ---- Biological Invasions 17,* 3625-3637.

MEHENNAOUI, K., A. GEORGANTZOPOULOU, V. FELTEN, J. ANDREI, M. GARAUD, S. CARBIER, T. SERCHI, S. PAIN-DEVIN, F. GUÉROLD, J.-N. AUDINOT, L. GIAMBÉRINI & A. C. GUTLEB 2016. *Gammarus fossarum* (Crustacea: Amphipoda) as a model organism to study the effects of silver nanoparticles. ---- *Science of the Total Environment*, in press.

MEKHOVA, E. S. & T. A. BRITAYEV 2015. Soft substrate crinoids (Crinoidea: Comatulida) and their macrosymbionts in Halong Bay (North Vietnam). ---- *Raffles Bulletin of Zoology 63*, 438-445. (Amphipods common, but not identified)

MICHEL, L.N., P. DAUBY, A. DUPONT, S. GOBERT & G. LEPOINT 2015. Selective top-down control of epiphytic biomass by amphipods from *Posidonia* meadows: implications for ecosystem functioning. ---- *Belgian Journal of Zoology 145*, 83-93.

MICHEL, L.N., P. DAUBY, S. GOBERT, M. GRAEVE, F. NYSSEN, N. THELEN & G.LEPOIN T 2015. Dominant amphipods of *Posidonia oceania* meadows display considerable trophic diversity. ---- *Marine Ecology 36*, 969-981. doi: 10.1111/maec.12194

MILLER, T.H., G.L. McENEFF, L.C. SCOTT, S.F. OWEN, N.R.BURY & L.P. BARRON 2016. Assessing the reliability of uptake and elimination of kinetics modelling approaches for estimating bioconcentration factors in the freshwater invertebrate, *Gammarus pulex*. ---- *Science of the Total Environment 547*, 396-404.

MOMTAZI, F. & A. MAGHSOUDLOU 2016. *Parhyale darvishi*, a new widely distributed amphipod species, in the Persian Gulf and the Gulf of Oman (Crustacea, Amphipoda, Hyalidae). ---- *Zootaxa 4132*, 364-372. (A common intertidal species in this area.)

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ORTIZ, M. & I. WINFIELD 2016. A new species of the genus *Melita* (Amphipoda, Hadzioidea, Melitidae) from anchialine pool on the Cozumel Island, NE Caribbean Sea. ---- *Zootaxa 4137*, 73-84. (*Melita davilae* n. sp. from Cozumel sland, Quintana Roo, Mexico)

de-la-OSSA-CARRETO, J.A., Y. del-PILAR-RUSO, A. LOYA-FERNÁNDEZ, L.M. FERRERO-VICENTE, C. MARCO-MÉNDEZ, E. MARTINEZ-GARCIA & J.L. SÁNCHEZ-LIZASO 2016. Response of amphipod assemblages to desalinization brine discharge: Impact and recovery. ---- *Estuarine, Coastal and Shelf Science 172,* 13-23.

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PANDOURSKI, I. & A. APOSTOLOV 2016. *Crustacea from the groundwaters of Vratchanska Planina mountains.* ---- Pp 41-45 in D. Bechev & D. Georgiev (eds): Faunistic diversity of the Vrachanska Balkan Nature park. Zoonotes, Suppl. 3, Plovdiv University Press, Plovdiv.

PEART, R. A. & S. T. AHYONG 2016. Phylogenetic analysis of the family Ampithoidae Stebbing, 1899 (Crustacea: Amphipoda), with a synopsis of the genera. ---- *Journal of Crustacean Biology 36,* 456-474. (A cladistics revision of this family, resulting in a few changes in the classification: the subfamilies Amphitholinae and Exampithoinae are not recognized; the genera *Ampithoe* and *Cymadusa* are considered paraphyletic, but not split up here. *Melanesius* is a junior synonym of *Exampithoe; Peramphithoe* is considered a synonym of *Sunamphitoe*. The genus *Pleonexes* is revived. A key to the genera is provided. NB. The authors also point out that 1 genus-*Natarajphotis*- and 9 new species described in a paper by Lyla et al. in 1998, and by these authors given the late Peethambaran as author, in reality should have as authors Lyla, Velvizhi & Ajmal Khan, 1998.)

PELLETIER, M., K. HO, M. VANTWELL, M. PERRON, K. ROCHA, R. M. BURGESS, R. JOHNSON, K. PEREZ, J. CARDIN & M. A. CHARPENTIER 2016. Diagnosis of potential stressors adversely affecting benthic invertebrate communities on Greenwich Bay, Rhode Island, USA. ---- *Environmental Toxicology and Chemistry*, in press.

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PÉREZ-SCHULTHEISS, J. 2015. First record of *Orchestia gammarellus* (Crustacea: Amphipoda: Talitridae) in Chile, with comments on its morphological variability. ---- *Boletin de Biodiversidad de Chile 9*, 21-33. (Introduced, found in three localities.)

PÉREZ-SCHULTHEISS, J. & C. VÁSQUEZ 2015. (New species of *Podocerus* Leach, 1814 (Amphipoda, Senticadata: Podoceridae) and new records for other amphipods from Chile.) ---- *Boletín del Museo Nacional de Historia Natural, Chile 64*, 169-180. (*Podocerus chilensis*, n.sp from Aysen region, southern Chile)

PETKOVIC, M., T. DELIC, L. LUCIC & C. FISER 2015. Description of a new species of *Niphargus* (Crustacea: Amphipoda: Niphargidae): the first record of a lake ectomorph in the Carpathian Mountains. ---- *Zootaxa 4027*, 117-129. (*N. mirocensis* n. sp. from a pit near Mt Miroc, eastern Serbia)

PIETRI. J. E., H. DeBRUHL & W. SULLIVAN 2016. The rich somatic life of *Wolbachia.* ---- *Microbiology Open*, in press.

PISCART. C., D. MERZOUG & H. HAFID 2013. A new species of *Echinogammarus* from Algerian fresh waters, *Echinogammarus haraktis* n. sp. (Peracarida, Amphipoda). ---- *Crustaceana 86*, 1823-1633. (Inadvertently overlooked earlier, see also Crust. 87,127. The species was found at Mt El Hamra, NE Algeria)

PLICANTI, A., D. IACIOFANO, I. BERTOCCI & S. LO BRUTTO 2016. The amphipod assemblages of *Sabellaria alveolata* reefs from the NW coast of Portugal: An account of the present knowledge, new records, and some biogeographic considerations. ---- *Marine Biodiversity,* in press. DOI: 10.1007/s12526-016-0474-5 (14 species of amphipods registered, first NE Atlantic record for *Caprella santosrosai*)

PONTI, M., D. GRECH, M. MORI, R. A. PERLINI, V. VENTRA, P. A. PANZALIS & C. CERRANO 2016. The role of gorgonians on the diversity of vagile benthic fauna in Mediterranean rocky habitats. ---- *Marine Biology,* 163-120. (Many amphipod data)

POORE, G.C.B., L. AVERY, M. BŁAŻEWICZ-PASZKOWYCZ, J. BROWNE, N.L. BRUCE, S. GERKEN, C. GLASBY, E. GREAVES, A.W. McCALLUM, D. STAPLES, A. SYME, J. TAYLOR, G. WALKER-SMITH, M. WARNE, C. WATSON, A. WILLIAMS, R.S. WILSON & S. WOOLLEY 2015 Invertebrate diversity of the unexplored marine western margin of Australia: taxonomy and implications for global biodiversity. ---- *Marine Biodiversity 45,* 271-286. (Crustacea and Polychaeta examined, 94.6% of crustaceans undescribed)

QUINTANERO.C., J. F. RANDALL & A. J. A. NOGUEIRA 2015. Physiological effects of essential metals on two detritivores: *Atyaephyra desmarestii* (Millet) and *Echinogammarus meridionalis* (Pinkster). ---- *Environmental Toxicology and Chemistry 35,* 1442-1448.

RAMIREZ-LLONDRA, E., E. RINDE, H. GUNDERSEN, H. CHRISTIE, C.W. FAGERLI, S. FREDRIKSEN, J.K. GITMARK, K. NORLING, M.G. WALDAY & K.M. NORDERHAUG 2016. A snap shot of the short-term response of crustaceans to macrophyte detritus in the deep Oslofjord. ---- *Scientific Reports 6,* article number 23800. DOI:10.1038/srep23800 (Many unidentified amphipods observed, time-lapse photography)

RAMOS-de-LIMA, J., L. F. ANDRADE, R. G. MARROIG & A. R. SENNA 2015. (Diversity of Amphipoda (Crustacea: Malacostraca) in commercial cultivations of *Kappaphicus alvarezii* in the Baia de Sepetiba, Rio de Janeiro, Brazil.) ---- *Acta Scientiae & Technicae 3*, 47-52. (in Portuguese. Nine amphipods in the cultivations of this red alga.)

RAUPACH, M.J. & A.E. RADULOVICI 2015. Looking back on a decade of barcoding crustaceans. ----*ZooKeys 539,* 53-81. (21 cases of barcoding Amphipoda examined)

RAUSCHERT, M. & W. E, ARNTZ 2015. Antarctic macrobenthos. A field guide of the invertebrates living at the Antarctic seafloor. ---- Arntz & Rauschert Selbstverlag, Wurster Nordseeküste, 143 pp. (This book gives a wonderful collection of colour photographs of Antarctic benthos, among them many pages with amphipods.)

REISALU, G., J. KOTTA, K. HERKÜL & I. KOTTA 2016. The invasive amphipod *Gammarus tigrinus* Sexton, 1939 displaces native gammarid amphipods from sheltered macrophyte habitats of the Gulf of Riga. ---- *Aquatic Invasions 11,* 45-54.

REMY, F., F. COLLARD, B. GILLET, PH. COMPÈRE, G. EPPE & G. LEPOINT 2015. When microplastic is not plastic: The ingestion of artificial cellulose fibers by macrofauna living in seagrass macrophytodetritus. ---- *Environmental Science & Technology 49,* 11158-11166. (Includes four amphipod species)

REN, X. 2012. *Fauna Sinica, Invertebrata vol. 43. Crustacea Amphipoda Gammaridea (II).* ---- Science Press, Beijing, 651pp. (I have only just now got hold of this book, that treats the families Eusiridae to Urothoidae. The book is in Chinese, but there are extensive English descriptions of the new species, while there are also English keys. The following new taxa are proposed; where nothing is noted, authored by prof. Ren: (Eusiridae s. l.) *Pontogeneia oligoseta* n. sp.; (Hyalidae) *Hyale hongkongensis* n. sp., *Parhyale micromanus* n. sp.; (Iphimediidae) *Coboldus orientalis* n. sp., *Iphimedia nanshaensis* n. sp.; (Ischyroceridae) *Sinoecetes sinensis* n. gen., n. sp.; (Leucothoidae) *Leucothoe hainanensis* n. sp.; (Liljeborgiidae) *Liljeborgia crasspalmata* n. sp., *L. longidactyla* n. sp., *L. podocristata* n. sp., *L. tuberpalmata* n. sp., *L. unidentata* n. sp., *Listriella longipalmata* n. sp., *L. robustoflagellata* n. sp.; (Lysianassidae s. l.) *Anonyx donghaiensis* n. sp., *Endevoura sinica* n. sp., *Hippomedon bohaiensis* n. sp., *H. spinimana* n. sp., *Ichnopus nanhaiensis* n. sp., *Socarnella cavipalmata* n. sp.; (Melitidae s.l.) *Ceradocus nanhaiensis* n.sp., *Eriopisa incisa* Liu, Zhang & Ren n. sp., *Maera spinimana* n. sp., *Melita breviarticulata* n. sp*., M. donghaiensis* n. sp., *M. hainanensis* Ren & Andres n. sp*., M. huanghaiensis* n. sp., *M. latiflagella* Ren & Andres n. sp., *M. rotundactyla* n. sp.; (Oedicerotidae) *Pericoculodes donghaiensis* n. sp., *P. longidactyla* n. sp.; (Pardaliscidae) *Halicoides latilobata* n. sp.; (Phoxocephalidae) *Birubius budentatus* n. sp., *Kulgaphoxus hainanensis* n. sp.; (Podoceridae*) Leipsuropus sinensis* n. sp., *Podocerus cornutus* n. sp.; (Sinurothoidae*) Sinurothoe armatus* n. sp.; (Stegocephalidae) *Sinoandaniopsis donghaiensis* n. gen., n. sp.; (Urothoidae) *Urothoe huanghaiensis* n. sp.).

REN, X.-Q. & Z.–L. SHA, 2016 *(Benthic Amphipoda (Crustacea) of the Yellow Sea.)* ----- Science Press, Beijing, 277 pp. (In Chinese. This book deals with 122 spp of amphipods, all identified as previously described species. The preoccupied name *Eriopisa incisa* is replaced by *E. liuzhangi* Ren nom. nov..)

REWICZ, T, A. KONOPACKA, K. BACELA-SPYCHALSKA & M. GRABOWSKI 2015. First records of two overlooked Ponto-Caspian amphipods from Turkey, *Echinogammarus trichiatus* (Martynov, 1932) and *Dikerogammarus villosus* (Sovinsky, 1894). ---- *Turkish Journal of Zoology 40,* 328-335.

REYES-MARTINEZ, M. J., M. C. RUIZ-DELGADO, J. E. SANCHEZ-MOYANO & F. J. GARCIA-GARCIA 2015. Biodiversity and distribution of macroinfauna assemblages on sandy beaches along the Gulf of Cadiz (SW Spain). ---- *Scientia Marina 79,* 367-377.

RIASCOS, J. M., F. DOCMAC, C. REDDIN & C. HARROD 2015. Trophic relationships between the large scyphomedusa *Chrysaora plocamia* and the parasitic amphipod *Hyperia curticephala.* ----*Marine Biology 162,* 1841-1848.

RIESGO, A., S. TABOADA & C. AVILA 2015. Evolutionary patterns in Antarctic marine invertebrates: An update on molecular studies. ---- *Marine Genomics 23,* 1-13. (17 amphipod species treated.)

RISHWORTH, G. M., R. PERISSINOTTO & M. S. BIRD 2016. Coexisting living stromatolites and infaunal metazoans. ---- *Oecologia,* in press (A S. African study. Five amphipod species listed.)

RIOS-ESCALANTE , P. de los, L. PARRA-COLOMA, M. A. PERALTA, J. PEREZ-SCHULTHEISS & E. H. RUDOLPH 2016. A checklist of subterranean water crustaceans from Chile (South America). ---- *Proceedings of the Biological Society of Washington 129*, 114-128. (Six amphipod species listed.)

RITCHIE, H., A. J. JAMIESON & S. B. PIERTNEY 2015. Phylogenetic relationships among hadal amphipods of the superfamily Lysianassoidea: Implications for taxonomy and biogeography. ---- *Deep-Sea Research 1 105*, 119-131. (An interesting paper, opening a lot of uncertainties.)

RITCHIE, H., A. J. JAMIESON & S. B. PIERTNEY 2016. Isolation and characterization of microsatelite DNA markers in the deep-sea amphipod *Paralicella tenuipes* by Illumina MiSeq sequencing. ----- *Journal of Heredity 107,* 367-371.

ROBINSON, T. B., M. E. ALEXANDER, C. A. SIMON, C. L. GRIFFITHS, K. PETERS, S. SIBANDA, S. MIZA, B. GROENEWALD, P. MAJIEDT & K. J. SINK 2016. Lost in translation? Standardising the terminology used in marine invasion biology and updating South African alien species lists. ---- *African Journal of Marine Sciences 38,* 1-12. (12 amphipod spp in Appendix 1)

RODIL, I.F., E. JARAMILLO, E. ACUÑA, M. MANZANO & C. VELASQUEZ 2016. Long-term responses of sandy beach crustaceans to the effects of coastal armoring after the 2010 Maule earthquake in South Central Chile. ---- *Journal of Sea Research 108*, 10-18. (*Orchestoidea tuberculata* examined)

RONCI, L., L. MECCOLI, V. IANNILLI, P. MENEGONI, E. DE MATTAEIS & A. SETINI 2016. Comparison between active and passive biomonitoring strategies for the assessment of genotoxicity and metal bioaccumulation in *Echinogammarus veneris* (Crustacea: Amphipoda). ---- *Italian Journal of Zoology,* in press.

ROS, M., J.M. GUERRA-GARCÍA & R. HOFFMAN 2016. First record of the exotic caprellid amphipod *Paracaprella pusilla* Mayer, 1890 in the eastern Mediterranean. ---- *Marine*

Biodiversity 46, 281-284. (Collected from floating bryozoans *Bugula neritina* along southern Israeli coast)

ROS, M., M. R. LACERDA, M. VAZQUEZ-LUIS, S. MASUNURI & J. M. GUERRA-GARCIA 2016. Studying exotics in their native range: Can introduced fouling amphipods expand beyond artificial habitats? ---- *Biological Invasions*, in press. (Studies on *Caprella scaura* and *Paracaprella pusilla*, and yes, they can.)

ROTHSEY, S.C & N.R. ANDREW 2016. Orientation of the beach hopper *Notorchestia* sp. (Amphipoda: Talitridae). ---- *Journal of Crustacean Biology 36,* 475-484. DOI: 10.1163/1937240X-00002452 (Southern hemisphere taxa were tested for the methods northern hemisphere taxa use for orientation. Geomagnetic field and solar azimuth seem to be the drivers)

ROTHSEY, S. C. & N. R. ANDREW 2016. The response of the wash-zone amphipod, *Urohaustorius* sp (Amphipoda, Talitridae), to light, gravity, slope and magnetic fields. ---- *Journal of Crustacean Biology 36*, 485-494.

RUIZ-DELGADO, C., J.V. VIEIRA, J. REYES-MARTÍNEZ, C.A.BORZONE, J.E. SÁNCHEZ-MOYANO & F.J.GARCÍA-GARCÍA 2015. Wrack removal as short-term disturbance for *Talitrus saltator* density in the supratidal zone of sandy beaches: an experimental approach. ---- *Estuaries and Coasts,* in press. DOI 10.1007/s12237-015-0060-2

RUMBOLD, C., J. LANCIA, G. VAZQUEZ, M. ALBANO, N. FARIAS, M. PAZ SAL MOYANO, E. SPIVAK & S. OBENAT 2015. Morphological and genetic confirmation of *Jassa slatteryi* (Crustacea: Amphipoda) in a harbor in Argentina. ---- *Marine Biodiversity Records 8*, e37. (Found in Mar del Plata harbor, Buenos Aires.)

RUMBOLD, C. E., T. RUIZ BARLETT, M. A. GAVIO & S. M. OBENAT 2016. Population dynamics of two invasive amphipods in the southwestern Atlantic: *Monocorophium acherusicum* and *Ericthonius punctatus* (Crustacea). ---- *Marine Biology Research 12(3)*, 268-277.
SAUCÈDE, T. 2016. Martin Rauschert and Wolf E. Arntz: Antarctic macrobenthos: a field guide of the invertebrates living at the Antarctic seafloor. ---- *Polar Biology 39,* 759-760. (A book review of this colourful book, full of excellent photographs of i.a. amphipods.)

SCHIAPARELLI, S., M.C. ALVARO, N. KILGALLEN, A SCINTO & A.-N. LÖRZ 2015. Host-shift speciation in Antarctic symbiontic invertebrates: further evidence from the new amphipod species *Lepidepecreella debroyeri* from the Ross Sea? ---- *Hydrobiologia 761,* 143-159. (*L. debroyeri* n. sp. is an obligate parasite of *Sterechinus neumayeri* (a sea urchin) found at diving depths)

SCHMIDT-DREWELLO, H. W. RISE, J. P. SCHARSACK & E. I. MEYER 2016. Relative benefit of the invasive *Echinogammarus berilloni* (Catta, 1878) over native gammarids under fish predation (*Gasterosteus aculeatus* Linnaeus, 1758). ---- *Aquatic Biology 50*, 75-85.

SCHRAM, J. B. , M. O. AMSLER, C. D. AMSLER, K. M. SCHOENROCK, J. R. McCLINTOCK & R. A. ANGUS 2016. Antarctic crustacean grazer assemblages exhibit resistance following exposure to decreased pH. ---- *Marine Biology 163*-106.

SCHRANDT, M. N., J. CEBRIAN, E. S. DARROW, D. J. DALMEYER, C. MARCO-MENDEZ, I. M. FERRERO-VICENTE, K. L. HECK & J. L. SANCHEZ-LIZASO 2015. Evidence of short-term burial response by benthic macrofauna associated with the Mediterranean seagrass *Cymodocea nodosa.* ---- *Ciencias Marinas 41*, 33-47.

SCHRÖTER, F., A. KRAFT, E. BAUERFEIND, N. KNÜPPEL, C. LORENZEN, O. BETZ & E. M. NÖTHIG 2016. Variability in Arctic pelagic amphipods derived from a 15 years time series obtained with sediment traps in eastern Fram Strait. ---- *ICES/PICES 6th Zooplankton Production Symposium*, Bergen, Norway, 9th - 13th May 2016. hdl:10013/epic.48061

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SEMSAR-KAZERRONI, M., M. ZAMANPOORE & S. SADEGHI 2016. Redescription of *Gammarus pseudosyriacus* (Karaman & Pinkster, 1977) and description of a new subspecies from southern Iran (Crustacea, Amphipoda, Gammaridae). ---- *ZooKeys 598*, 57-73. (*G. p. issatisi* n. ssp from Zagros mountains, Yazd province, Iran.)

SEPULVEDA, R. D. & N. VALDIVIA 2016. Localised effects of a mega-disturbance: Spatiotemporal responses of intertidal sandy shore communities to the 2010 Chilean earthquake. ---- *Plos One 11* (7), e157910

SERANO, J.M., A. MARTIN, D.M. LIUBICICH, E. JARVIS, H.S. BRUCE, K. LA, W.R. BROW NE, J. GRIMSWOOD & N.H. PATEL 2016. Comprehensive analysis of Hox gene expression of the amphipod crustacean *Parhyale hawaiensis.* ---- *Developmental Biology 409*, 297-309.

SETÄLÄ, O., J. NORKKO & M. LEHTINIEMI 2016. Feeding type affects microplastic ingestion in a coastal invertebrate community. ---- *Marine Pollution Bulletin 102,* 95-101. (*Gammarus* spp one of taxon-groups examined)

SHIN, M.-H., B.A.R. AZMAN & W. KIM 2015. A new species of the genus *Phoxocephalus* from Pulau Tioman, Malaysia (Crustacea: Amphipoda: Phoxocephalidae). ---- *Raffles Bulletin of Zoology 63,* 529-535. (*Phoxocephalus tiomanensis n.sp,* a littoral species)

SIDOROV, D.A., A.A. GONTCHAROV & S.N. SHARINA 2015. A new genus and two new species of cavernicolous amphipods (Crustacea: Typhlogammaridae) from the western Caucasus. ---- *European Journal of Taxonomy 168,* 1-32. (*Zenkevitchia sandroruffoi* sp. nov. (from -30 to -350 m) and *Adaugammarus pilosus* gen. et sp. nov. (-1270 to - 1700 m) from the Sarma, Trojka and Orlinoe Gnezdo caves in the Arabika massif, western Caucasus. Also a redescription of *Anopogammarus birsteini* Derzhavin, 1945 and the resurrection of the original taxonomic combination for *Zenkevitchia revazi* Birstein & Ljovuschkin, 1970, comb. resurr. A distribution map and identification key is provided, as well as a phylogeny (based on Cox 1).)

SILVA RAMOS, E.K. da, A.H.B. ROSA & V. J. COBO 2015. Influence of the endo-symbiont *Leucothoe wuriti* (Thomas & Klebba, 2007) (Crustacea, Leucothoidae) on the biomass of

Phallusia nigra (Savigny, 1816) (Tunicata, Ascididae), in the northeastern coast of the São Paulo State, Brazil. ---- *Revista Biociências 21 (2)*, 38-43.

SOLER-HURTADO, M.M. & J.M. GUERRA-GARCÍA 2016. The Caprellid *Aciconula acanthosoma* (Crustacea: Amphipoda) Associated with Gorgonians from Ecuador, Eastern Pacific. ---- *Pacific Science 70*, 73-82. doi: 10.2984/70.1.6

SORDET, M., A. BERLIOZ-BARBIER, A. BULETÉ, J. GARRIC & E. VUILLET 2016. Quantification of emerging micropollutants in an amphipod crustacean by nanoliquid chromatography coupled to mass spectrometry using multiple reaction monitoring cubed mode. ---- *Journal of Chromatography A 1456,* 217-225.

SOTKA, E. E., T. BELL, L. E. HUGHES, J. K. LOWRY & A. G. B. POORE 2016. A molecular phylogeny of marine amphipods in the herbivorous family Ampithoidae. ---- *Zoologia Scripta*, in press. doi:10.1111/zsc.12190 (The genus *Biancolina* is returned to the Ampithoidae. The genus *Ampithoe* is polytypic.)

SOUCEK, D. J., A. DICKINSON & K. M. MAJOR 2016. Selection of food combinations to optimize survival, growth, and reproduction of the amphipod *Hyalella azteca* in static-renewal, water-only laboratory experiments. ---- *Environmental Toxicology and Chemistry*, in press.

SOUCEK, D. J., E. A. LAZO-WASEM, C. A. TAYLOR & K. M. MAJOR 2015. Description of two new species of *Hyalella* (Amphipoda: Hyalellidae) from eastern North America with a revised key to North American members of the genus. ---- *Journal of Crustacean Biology 35,* 814-829. (Deals with *Hyalella spinicauda* Soucek & Lazo-Wasem n. sp. (Vermillion Co., Illinois) and *H. wellborni* Soucek & Lazo-Wasem n. sp. (Humboldt Co, Illinois).)

SOUZA-FILHO, J. F., E. HUEDES-SILVA & A. R. SENNA 2016. New record of the gens *Peramphithoe* Conlan & Bousfield, 1982 (Amphipoda: Ampithoidae) from Brazilian coast, with description of a new species. ---- *Zootaxa 4136*, 188-194.(*Peramphithoe conlanae* n. sp, the first Brazilian representative of the enus from Todos os Santos Bay, Bahia.)

STADIG, E. R. 2016. Evaluating trap design for capture of amphipods in western Lake Erie. ---- M.Sc. Thesis, Purdue Univ. Fort Wayne.

STARR, H.W., T.A. HEGNA & M.A.S. McMENAMIN 2016. Epilogue to the tale of the Triassic amphipod: *Rosagammarus* McMenamin, Zapata and Hussey, 2013 is a decapod tail (Luning Formation, Nevada, USA). ---- *Journal of Crustacean Crustacean Biology 36,* 525-529. (the fossils amphipod identification was dropped due to elemental mapping (showing silica instead of calcium carbonate matrix, in addition to microcsopy showing areas of misidentification of structures. The fossil is now thought to be the tail of a lobster-like decapod. (Sic transit…))

STOKKAN, M., J. A. JURADO-RIVERA, C. JUAN, D. JAUME & J. PONS 2016. Mitochondrial genome rearrangements at low taxonomic levels: three distinct mitogenome gene orders in the genus *Pseudoniphargus* (Crustacea: Amphipoda). ---- *Mitochondrial DNA 27*, 3579-3589.

STURARO, N., S. GOBERT, A. PÉREZ-PERERA, S. CAUT, P. PANZALIS & A. NAVONE 2016. Effects of fish predation on *Posidonia oceania* amphipod assemblages. ---- *Marine Biology 163:58.* DOI: 10.1007/s00227-016-2830-1.

SUMIDA, P.Y.G., J.M. ALFARO-LUCAS, M. SHIMABUKURO, H. KITAZATO, J.A.A. PEREZ, A. SOARES-GOMES, T. TOYOFUKU, A.O.S. LIMA, K. ARA & Y. FUJIWARA 2016. Deep-sea whale fall fauna from the Atlantic resembles that of the Pacific Ocean. ---- *Nature Scientific Reports 6:22139* DOI:10.1038/srep22139 (*Stephonyx* sp. found on Atlantic fall)

SVARA, V., T. DELIC, T. RADA & C. FISER 2015. Molecular phylogeny of *Niphargus boskovici* (Crustacea: Amphipoda) reveals a new species from epikarst. ---*Zootaxa 3994*, 354-376. (Deals with *N. zagorae* n. sp. (Golubinka pod Barisinovcem, Croatia) and *N. boskovici*.)

TAKADA, Y., N. KAJOHARA, T. ISEKI, Y. YAGI & S. ABE 2016. Zonation of macrofaunal assemblages on microtidal sandy beaches along the Japan Sea coast of Honshu. ---- *Plankton & Benthos Research 11(1),* 17-28. (Zones defined largely by amphipods)

TAKEUCHI, I. 2015. A new species of *Paraproto* (Crustacea: Amphipoda: Phtisicidae) collected from the South Shetland Islands, Antarctica. ---- *Polar Science 9,* 368-373. (*P. mccaini* n. sp. from S. of Elephant Island, S. Shetland islands.)

TAKEUCHI, I. & J.K. LOWRY 2016. A taxonomic study on the Phtisicidae (Crustacea: Amphipoda) of New South Wales, Australia. ---- *Journal of Natural History 50*, 603-648. DOI: 10.1080/00222933.2015.1079338 (Deals with *Dodecas decacentrum, D. hexacentrum, Hircella cornigera, Metaproto novaehollandiae, Notoprotomima smithi* n. gen, n. sp. (Port Jackson, NSW. NB. *Pseudoprotomima grandimana* is transferred to *Notoprotomima*), *Paraproto* sp, and *Perotripus* sp.. A key to NSW Phtisicidae is provided)

TAKEUCHI, I., K. TOMIKAWA & D. LINDSAY 2016. A new genus and species of Phtisicidae (Crustacea: Amphipoda) from abyssal depths in the Japan Trench, with special reference to similarities with Southern Ocean genera. ---- *Journal of Crustacean Biology 36,* 495-506. (*Abyssododecas styx* n.gen., n. sp. from 46*08'N, 144*10'E, 5695-5793m.)

TAKHTEEV, V. V., N. A. BEREZINA & D. A. SIDOROV 2015. Checklist of the Amphipoda (Crustacea) from continental waters of Russia, with data on alien species. ---- *Arthropoda Selecta 24*, 335-370. (A most useful paper, although written before the results of Hou & Sket (2015) came out.)

TANDBERG, A. H. & W. VADER 2016. (Amphipods, the Arctic and Tromsø Museum.) ---- *Ottar 311*, 8-14. (In Norwegian. A popular paper on the amphipods and their studies at Tromsø Museum.)

TAYLOR, L. N., L. NOVAK, M. RENDAS, P. M. C. ANTUNES & R. P. SCROGGINS 2016. Validation of a new standardized test method for the freshwater amphipod *Hyallela azteca*: determining the chronic effects of silver in sediments. ---- *Environmental Toxicology and Chemistry,* in press.

TAYLOR, S. J. & M. L. NIEMILLER 2016. Biogeography and conservation assessment of *Bactrurus* groundwater amphipods (Crangonyctidae) in the central and eastern United States. ---- *Subterranean Biology 17*, 1-29.

THIEBOT, J.-B., K. ITO, T. RACLOT, T. POUPART, A. KATO, Y. RUPERT-COUDERT & A. TAKAHASHI 2016. On the significance of Antarctic jellyfish as food for Adélie penguins, as revealed by data loggers ---- *Marine Biology 163*:108. (Many *Diplulmaris antarctica* jellyfish infested with *Hyperiella dilatata.*)

THOMAS, J. D. 2015. *Leucothoe eltoni* sp. n., a new species of commensal leucothoid amphipod from coral reefs in Raja Ampat, Indonesia (Crustacea, Amphipoda). ---- *ZooKeys 518*, 51-66. (In *Herdmania* tunicates and from the sponge *Mycale*)

TOMANOVA, K. & M. VACHA 2016. The magnetic orientation of the Antarctic amphipod *Gondogeneia antarctica* cancelled by very weak radiofrequency fields. ---- *Journal of Experimental Biology 219,* 1717-1724. doi: 10.1242/jeb.132878

TOMIKAWA, K. 2015. A new species of *Jesogammarus* from the Iki Island, Japan (Crustacea, Amphipoda, Anisogammaridae). ---- *ZooKeys 530*, 15-36 (*Jesogammarus (Jesogammarus) ikiensis* n.sp from freshwaters of Iki Island)

TOMIKAWA, K. & S. SINODA 2016. Redescription of a subterranean amphipod, *Eocrangonyx japonicus* (Peracarida, Amphipoda, Pseudocrangonyctidae) from Japan. ---- *Crustaceana 89*, 583-594. (With a key to all *Eocrangonyx* species.)

TOMIKAWA, K., H. TANAKA & T. NAKANO 2016. A new species of the rare genus *Priscomilitaris* from the Seto Inland Sea, Japan (Crustacea, Amphipoda, Priscomilitaridae). ---- *ZooKeys 607*, 25-35. (*Priscomilitaris heike* n. sp. from Akashima Island, Hiroshima, Japan. The often used spelling Priscomilitariidae for this family is incorrect.)

TORRES, S.H.S., R. BASTOS-PEREIRA & A.A. de PÁDUA BUENO 2015. Reproductive aspects of *Hyalella carstica* (Amphipoda: Hyalellidae) in a natural environment in southeastern Brazil. ---- *Nauplius 23 (2),* 159-165.

TRAJANO, E., J. E. GALLÃO & M. E. BICHUETTE 2016. Spots of high diversity of troglobites in Brazil: the challenge of measuring subterranean diversity. ---- *Biodiversity and Conservation*, in press.

TRAPP, J., C. ALMUNIA, J.-C. GAILLARD, O. PIBLE, A. CHAUMOT, O. GEFFARD & J. ARMENGAUD 2015. Proteogenomic insights into the core-proteome of female reproductive tissues from crustacean amphipods. ---- *Journal of Proteomics 11135,* 51-61. (Three *Gammarus* species, *Parhyale hawaiensis* and *Hyalella azteca*.)

TRAPP, J., C. ALMUNIA, J.-C. GAILLARD, O. PIBLE, A. CHAUMOT, O. GEFFARD & J. ARMENGAUD 2015. Data for comparative proteomics of ovaries from five non-model,

crustacean amphipods. ---- *Data in Brief 5*, 1-6. (Three *Gammarus* species, *Hyalella azteca* and *Parhyale hawaiensis*.)

TRAPP, J., J. ARMENGAUD, J.-
C. GAILLARD, O. PIBLE, A. CHAUMOT & O. GEFFARD 2016. High-throughput proteome dynamics for discovery of key proteins in sentinel species: Unsuspected vitellogenins diversity in the crustacean *Gammarus fossarum.* ---- *Journal of Proteomics 146,* 207-214.

TRUEBANO, M., O. TILLS & J.I. SPICER 2016. Embryonic transcriptome of the brackishwater amphipod *Gammarus chevreuxi*. ---- *Marine Genomics,* Feb. 16.

UGOLINI, A. 2016. The moon orientation of the equatorial sandhopper *Talorchestia martensii.* ---- *Behavioural Ecology and Sociobiology*, in press.

UGOLINI, A. & A. CIOLINI 2016. Landscape vision and zonal orientation in the equatorial sandhopper *Talorchestia martensii.* ---- *Journal of Comparative Physiology A 202*, 1-6.

UMBUZEIRO, G. de A., M. N. FLYNN & L. ALEGRETTI 2016. (Population biology of *Parhyale hawaiensis* associated to the phytal, Itanhem, São Paulo.) ----*RevInter Revista de Toxicologia, Risco Ambiental e Sociedade 8* (3), in press. (In Portuguese).

UNGHERESE, G., A. CINCINELLI, T. MARTELLINI & A. UGOLINI 2016. Biomonitoring of polychlorinated bysphenyls contamination in the supralittoral environment using the sandhopper *Talitrus saltator.* ---- *Chemistry and Ecology 32*, in press.

UNSWORTH, R. K. F., C. J. COLLIER, M. WAYCOTT, L. J. McKENZIE & L. C. CULLEN-UNSWORTH 2015. A framework for the resilience of seagrass systems. ---- *Marine Pollution Bulletin 100*, 34-46.

URIEN, N., J.D. LEBRUN, L.C. FECHNER, E. UHER, A. FRANÇOIS, H. QUÉAU, M. COQUE RY, A. CHAUMOT & O. GEFFARD 2016. Environmental relevance of laboratory-derived kinetic models to predict trace metal bioaccumulation in gammarids: Field experimentation at a large spatial scale (France). ---- *Water Research 95,* 330-339. (*Gammarus fossarum* test-animal)

VADER, W. & A. H. S. TANDBERG 2015. Amphipods as associates of other Crustacea: A survey. ---- *Journal of Crustacean Biology 35,* 522-532

VADHER, A.N., R. STUBBINGTON & P.J.WOOD 2015. Fine sediment reduces vertical migrations of *Gammarus pulex* (Crustacea: Amphipoda) in response to surface water loss. ---- *Hydrobiologia 753,* 61-71.

VALENTINE, P., M.R. CARMAN & D. BLACKWOOD 2016. Observations of recruitment and colonization by tunicates and associated invertebrates using giant one-meter^2 recruitment plates at Woods Hole, Massachusetts. ---- *Management of Biological Invasions 7*, 115-130. (*Jassa marmorata* one of the invading species on plate)

VELLINGER, C., B. SOHM, M. PARANT, F. IMMEL & P. USSEGLIO-POLATERA 2016. Investigating the emerging role of comparative proteomics in the search for new biomarkers of metal contamination under varying abiotic conditions. ---- *Science of the Total Environment,* in press. (Studies on *Gammarus pulex*)

VERHEYE, M.L., T. BACKELJAU & C. d'UDEKEM d'ACOZ 2016. Looking beneath the tip of the iceberg: diversification of the genus *Epimeria* on the Antarctic shelf (Crustacea, Amphipoda). ---- *Polar Biology 39,* 924-943. DOI:10.1007&s00300-016-1910-5 (25 lineages identified as putative new species based on COI and 28S from 16 Antarctic *Epimeria* species (Antarctic Peninsula, Weddell Sea and Adelie Coast))

VERHEYE, M.L., P. MARTIN, T. BACKELJAU & C. d'UDEKEM d'ACOZ 2016. DNA analyses reveal abundant homoplasy in taxonomically important morphological characters of Eusiroidea (Crustacea, Amphipoda). ----*Zoologica Scripta 45,* 300-321. doi:10.1111/zsc.12153

VERMEY, G. 2016. Plant defences on land and water: why are they so different? ---- *Annals of Botany 117*, 1099-1109.

VIDAL-DORSCH, D. E., S. M. BAY, S. MOORE, B. LAYTON, A. C. MEHINTO, C. D. VULPE, M. BROWN-AUGUSTINE, A. LOGUINOV, H. POYNTON, N. GARCIA-REYERO, E. J. PERKINS, L. ESCALON, N. D. DENSLOW, C.-D. R. CRISTINA, T. DOAN, S. SHUKRADAS, J. BRUNO, L. BROWN, G. VAN AGGLEN, P. JACKMAN & M. BAUER 2015. Ecotoxicogenetics: Microarray interlaboratory comparability. ---- *Chemosphere 144*, 193-200. (Studies on *Eohaustorius aestuarius*.)

VIEIRA, J. V., M. C. RUIZ-DELGADO, M. J. REYES-MARTINEZ, C. A. BORZONE, A. ASENJO, J. E. SANCHEZ-MOYANO & F. J. GARCIA-GARCIA 2016. Assessment the short-term effects of wrack removal on supralittoral arthropods using the M-BACI design on Atlantic sandy beaches of Brazil and Spain. ---- *Marine Environmental Research 119*, 222-237.

VINAGRE, P. A., A. J. PAIS-COSTA, S. J. HAWKINS, A. BORJA, J. C. MARQUES & J. M. NETO 2016. Ability of invertebrate indices to assess ecological condition on intertidal rocky shores. ---- *Ecological Indicators 70*, 255-268.

WALLER, D.L., J.A. LUOMA & R. ERICKSON 2016. Safety of the molluscicide Zequanox(R) to nontarget macroinvertebrates *Gammarus lacustris* (Amphipoda: Gammaridae) and *Hexagenia* spp. (Ephemeroptera: Ephemeridae). ---- *Management of Biological Invasions 7*, in press.

WARD, G. M., M. BENNETT, K. BATEMAN, G. D. STENTIFORD, R. KERR, S. W. FEIST, S. T. WILLIAMS, C. BERNEY & D. BASS 2016. A new phylogeny and environmental DNA insight into paramyxids: an increasingly important but enigmatic clade of protistan parasites of marine invertebrates. ---- *International Journal for Parasitology*, in press. (One species, *Paramarteilia orchestiae*, found on amphipods.)

WARD, T. J., K. E. GAERTNER, J. W. GORSUCH & D. J. CALL 2015. Survival, reproduction and growth of the marine amphipod, *Leptocheirus plumulosus*, following laboratory exposure to

copper-spiked sediment. ---- *Bulletin of Environmental Contamination and Toxicology 95,* 434-440.

WEI, Y., J. ZHANG, W. WU, Y. YAO, J. CHEN & J. FANG 2016. A preliminary study of the reproductive biology of the biofouling organism *Caprella acanthogaster* (Crustacea, Amphipoda) in Sanggou Bay, China. ---- *Aquaculture 450*, 1-6.

WEINERSMITH, K. L. & R. L. EARLEY 2016. Better with your parasites? Lessons for behavioural ecology from evolved dependence and conditionally helpful parasites. ---- *Animal Behaviour 118*, 121-133.

WEINERT, M., M. MATHIS, I. KRÖNCKE, H. NEUMANN, T. POHLMANN & H. REISS 2016. Modelling climate change effects on benthos: Distributional shifts in the North Sea from 2001 to 2009. ---- *Estuarine, Coastal and Shelf Science 175,* 157-168. (Amphipod species used in the model in Table 2)

WHITE, K. N., J. D. REIMER & J. LORION 2015. Preliminary analyses reveal strong genetic structure in populations of *Leucothoe vulgaris* (Crustacea: Amphipoda: Leucothoidae) from Okinawa, Japan. ---- *Systematics and Biodiversity 14,* 55-62.

WHITEHOUSE, G. A. , T. W. BUCKLEY & S. L. DANIELSEN 2016. Diet composition and trophic guild structure of the eastern Chukchi Sea demersal fish community. ---- *Deep-Sea Research II,* in press.

WILDISH, D.J., S.M.C. ROBINSON 2016. A new secondary ecotope for talitrids: driftwood in the Bay of Fundy. ---- *Crustaceana 89,* 737-757. (*Platorchestia platensis* moves from wrack to driftwood)

WILDISH, D. J., S. R. SMITH, T LOEZA-QUINTANA, A. E. RADULOVICI & S. J. ADAMOWICZ 2016. Diversity and dispersal history of the talitrids (Crustacea: Amphipoda: Talitridae) of Bermuda. ---- *Journal of Natural History 50,* 1911-1933.. (Five species found (with key), molecular data, and an extensive discussion of ecology and dispersal.)

WILLMING, M. M. & J. D. MAUL 2016.Direct and indirect toxicity of the fungicide pyraclostrobin to *Hyalella azteca* and effects on leaf processing under realistic daily temperature regimes. ---- *Environmental Pollution 211*, 435-442.

WILLIAMS, K.L., K.C. NAVINS, S.E. LEWIS 2016. Behavioral responses to predation risk in brooding female amphipods (*Gammarus pseudolimnaeus*). ---- *Journal of Freshwater Ecology,* in press. (Brooding females move slower than the other adults)

WINKELMANN, C. 2016. (A flexible immigrant). ---- *Lebenswissenschaften* 2016, 4 pp. (In German. About *Dikerogammarus villosus*)

WISNIEWSKA, M. & A. SZANIAWSKA 2015. Effect of 17α-Ethinylestradiol on the time needed for females of *Gammarus tigrinus* Sexton, 1939 to re-couple. ----*Journal of Environmental Science and Engineering B 4,* 419-425.

WONGKAMHAENG, K. & C. BOONYANUSITH 2016. *Ceradocus adangensis*, a new species (Crustacea, Amphipoda, Maeridae) from coral reefs of the Andaman Sea. ---- *Marine Biodiversity 46,* 75-83. (from coral reef at Adang Island)

WONGKAMHAENG, K., K. HONGPADHARAKIREE & P. CHOTIKAM 2016. (First record of Grandidierella gilesi Chilton, 1921 (Amphipoda: Aoridae) from the pond at Kasetsart University Museum of Fisheries, Department of Fisheries, Kasetsart University). ---- Proceedings of the 5th Marine Sciences Conference, Bangkok, 1-3 June 2016, 52-60. (Mainly in Thai)

ZEIDLER, W. & W. A. BROWN 2015. A new *Glossocephalus* (Crustacea: Amphipoda: Hyperiidea: Oxycephalidae) from deep-water in the Monterey region, California, USA, with an overview of the genus. ---- *Zootaxa 4027*, 408-424. (Deals with *G. milneedwardsi* and *G. rebecae* n. sp., an associate of the ctenophore *Bathocyroe fosteri*.)

ZEINA, A. F. & J. M. GUERRA-GARCIA 2016. Caprellidae (Crustacea: Peracarida: Amphipoda) from the Red Sea and Suez Canal, with the redescription of *Metaprotella africana* and *Paradeutella multispinosa. ---- Zootaxa 4098*, 227-253. (Deals with *Pseudocaprellina pambanensis, Hemiaegina minuta, Metaprotella africana* (type material redescribed), and *Paradeutella multispinosa* (with a discussion of the type material, and the relationship with *Pseudaeginella*.))

ZEINA, A., C. MEGINA & J. M. GUERRRA-GARCIA 2015. Shallow water caprellids (Crustacea: Amphipoda) of Azores and Madeira. ---- *Zoologia Baetica 26*, 69-1000. (Deals with *Caprella acanthifera* s. l., *C. equilibra, C. penantis* s. l., *Pseudoprotella phasma*, and *Phtisica marina*.)

ŽGANEC, K., R. ĆUK & S. DEKIĆ 2015. New records of the invasive amphipod *Echinogammarus ischnus* (Stebbing, 1899) in Croatia. ----*Natura Croatia 24(2)*, 247-254.

ŽGANEC, K., P. LUNKO, A. STROJ, T. MAMOS & M. GRABOWSKI 2015. Distribution, ecology and conservation status of two endemic amphipods, *Echinogammarus acarinatus* and *Fontogammarus dalmatinus*, from the Dinaric karst rivers, Balkan Peninsula. ---- *Annales de Limnologie 52,* 13-26.

ZHENG, X., Q. WANG, L. HUANG, J. WANG, R. LIN, D. HUANG & X. SUN 2015. (Feeding habits for two dominant amphipod species in the Yundang Lagoon based on stable carbon and nitrogen isotope analysis.) ---- *Acta Ecologica Sinica 35 (23),* 7589-7597. (*Ampithoe valida* and *Corophium uenoi* examined. Abstract in English, paper in Chinese)

ZUBROD, J. P., D. ENGLERT, J. WOLFRAM, D. WALLACE, N. SCHMELZER, P. BAUDY, M. KONSCHAK, B. SCHULZ & M. BUNDSCHUH 2015. Waterborne toxicity and diet-related effects of fungicides in the key leaf shredder *Gammarus fossarum* (Crustacea, Amphipoda). ---- *Aquatic Toxicology 169*, 105-112.

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....

HOW TO ACCESS OLLIS SERVER:

1) FTP Access to the amphipod server

You can login into the amphipod server with ftp.
Then use a ftp program, e.g. filezilla and connect to

ftp://amphipod.dnsalias.net
username: amphipod
password: amphipod

You can upload literature into the upload folder – but please only literature which is not in the download folder of the server (check carefully that only new files are being uploaded and do not copy all you have into the upload folder!!)

2) Setting up a mirror of the amphipod server, step by step:

1) Create and name a folder (e.g. amphipodserver or AmphLit or whatever you like) on your computer, or if you prefer on an external hard-drive. At the moment you need at least 50 GB of disk space, but as the content of the server is growing you might need more space. I would recommend 100 GB of space, just to have enough space in future.

2) Download resilio (it is free of charge):
https://www.getsync.com/individuals/
install it
and then start resilio

3) If you are using Windows, resilio comes with a nice interface (the idea of the interface is: it will connect a key, a series of letters and numbers, with the folder you created)…. if you are using wonderful Linux (best operating system on Earth!), resilio can be administered by a web-interface:
http://localhost:8888/gui/

4) When you open the interface (either the Windows app or the Web interface): click on the "Options" symbol (little toothed wheel symbol in the first row of the page to the very right) and select "Manual connection".
Put in the following key:
BBWD3ADZZQFQRJ5U65HLGBBTEVSDPYDCP
….click on "next" and select the folder you created earlier;
after a short while the synchronization should start, and you first find the folders and later the files downloaded from the amphipod server. The transfer can be interrupted at any time and continued later.

5) It is possible to autostart resilio, then you do not have to bother about synchronization. New files will appear in your folder automatically when you start your computer. If you target folder is on a external hard-drive, synchronization only works, when the drive is attached.
– Or, alternatively you start resilio only, when you decided to synchronize the content of the amphipod server with your folder.

Olli

New taxa

New genera and subgenera

Abyssodedecas Tomikawa & Lindsay, 2016	Phtisicidae
Adaugammarus Sidorov, Gontcharov & Sharina, 2015	Typhlogammaridae
Borikenella Guerra-Garcia, Chatterjee & Schizas, 2015	Caprellidae
Capeorchestia Lowry & Baldanzi, 2016	Talitridae
Ditmorchestia Morino & Miyamoto, 2015	Talitridae
Ezotinorchestia Morino & Miyamoto, 2016	Talitridae
Haptocallisoma Horton & Thurston, 2015	Scopelocheiridae
Huonella Hughes, 2016	Maeridae
Kokuborchestia Morino & Miyamoto, 2015	Talitridae
Leeuwinella Hughes, 2015	Maeridae
Maeraceterus Hughes, 2016	Maeridae
Marinogammarus Schellenberg, 1937 (rev.)	Gammaridae
Metacyproidea Ariyama, 2016	Cyproideidae
Notoprotomima Takeuchi & Lowry, 2016	Phtisicidae
Paraniphargus Tattersall, 1925 (rev. Ariyama 2016)	Melitidae
Parhomoeogammarus Schellenberg, 1943 (rev.)	Gammaridae
Pseudocallisoma Horton & Thurston, 2015	Scopelocheiridae
Parvipalpus Jung & Yoon, 2015 (junior homonym)	Nuuanuidae
Pleonexes Sp. Bate, 1857 (rev. Peart & Ahyong, 2016)	Ampithoidae
Pyatakovestia Morino & Miyamoto, 2015	Talitridae
Relictogammarus Hou & Sket, 2015	Gammaridae
Sinoandaniopsis Ren, 2012	Stegocephalidae
Sinoecetes Ren, 2012	Ischyroceridae
Sudanea Krapp-Schickel, 2015	Stenothoidae
Trichogammarus Hou & Sket, 2015	Gammaridae

New species and subspecies

acercauda Jung, Yi & Yoon, 2016 (Polycheira)	Dexaminidae
acuticoxa Myers & Nithyanandan, 2016 (Bemlos)	Aoridae
adangensis Wongkamhaeng & Boonyanusith, 2016 (*Ceradocus*)	Maeridae
aitolosi Ntakis, Anastasiadou, Zaksek & Fiser, 2015 (*Niphargus*)	Niphargidae
alama Myers & Nithyanandan, 2016 (*Ceradocus*)	Maeridae
ananke Hughes & Lowry, 2015 (*Cyphocaris*)	Cyphocarididae
andamanensis Krapp-Schickel, 2015 (*Stenothoe*)	Stenothoidae
arabica Myers & Nithyanandan, 2016 (*Protohyale*)	Hyalidae
armatus Ren, 2012 (*Sinurothoe*)	Sinurothoidae
bamberi Lowry & Kilgallen, 2015 (*Waldeckia*)	Lysianassidae
bartholomea Krapp-Schickel & Vader, 2015 (*Stenothoe*)	Stenothoidae

baudini Hughes, 2016 (*Ceradocus*) Maeridae
bifurcatum Myers & Nithyanandan, 2016 (*Laticorophium*) Corophiidae
bisitunicus Esmaeili-Rineh, Sari & Fiser, 2015 (*Niphargus*) Niphargidae
boeckoides Hughes, 2016 *(Linguimaera*) Maeridae
bohaiensis Ren, 2012 (*Hippomedon*) Tryphosinae
boninensis Morino & Miyamoto, 2015 (*Pyatakovestia*) Talitridae
borisi Esmaeili-Rineh, Sari & Fiser, 2015 (*Niphargus*) Niphargidae
bramblensis Hughes, 2016 (*Maeraceterus*) Maeridae
breviarticulata Ren, 2012 (*Melita*) Melitidae
brownorum Hughes, 2015 (*Quadrimaera*) Maeridae
bruneiensis Hossain & Hughes, 2016 (*Victoriopisa*) Eriopisidae
budentatus Ren, 2012 (*Birubius*) Phoxocephalidae
cavipalmata Ren, 2012 (*Socarnella*) Lysianassinae
chevreuxi Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
chilensis Pérez-Schultheiss & Vásquez, 2015 (*Podocerus*) Podoceridae
clavetta Krapp-Schickel, 2015 (*Stenothoe*) Stenothoidae
conlanae Souza-Filho, Guedes-Silva & Senna, 2016 (*Peramphithoe*) Ampithoidae
cornutus Ren, 2012 (*Podocerus*) Podoceridae
coxacallus Hughes, 2015 (*Elasmopus*) Maeridae
crasspalmata Ren, 2012 (*Liljeborgia*) Liljeborgiidae
crenulata Chevreux, 1908 (*Stenothoe*) revived Stenothoidae
cresti Nunez & Chigbu, 2016 (*Apolochus*) Amphilochidae
cyrenensis Hughes, 2016 (*Podocerus*) Podoceridae
czetkovi Kenderov & Andreev, 2015 (*Niphargus)* Niphargidae
danai Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
dancaui Brad, Fiser, Flot & Sarbu, 2015 (N*iphargus*) Niphargidae
darvishi Esmaeili-Rineh, Sari & Fiser, 2015 (*Niphargus*) Niphargidae
darvishi Momtazi & Maghsoudlou, 2016 (*Parhyale*) Hyalidae
daveyi Hughes, 2016 (*Linguimaera*) Maeridae
davilae Ortiz & Winfield, 2016 (*Melita*) Melitidae
debroyeri Schiaparelli, Alvaro, Kilgallen, Scinto & Lörz, 2015 (*Lepidepecreella*) Lepidepecreellidae
donghaiensis Ren, 2012 (*Anonyx*) Uristidae
donghaiensis Ren, 2012 (*Melita*) Melitidae
donghaiensis Ren, 2012 (*Perioculodes*) Oedicerotidae
donghaiensis Ren, 2012 (*Sinoandaniopsis*) Stegocephalidae
eltoni Thomas, 2015 (*Leucothoe*) Leucothoidae
evax Lowry & Hughes, 2015 (*Ensayara)* Endevouridae
everardensis Hughes, 2016 (*Linguimaera*) Maeridae
floridanus Holsinger & Sawicki, 2016 (*Stygobromus*) Crangonyctidae
gonensis Özbek, 2016 (*Gammarus)* Gammaridae
gorea Krapp-Schickel, 2015 (*Parametopa*) Stenothoidae
gregoryi Hughes, 2015 (*Quadrimaera*) Maeridae
guerragarciai Mauro & Serejo, 2015 (*Liropus*) Caprellidae
gurjanovae Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
gurui Guerra-Garcia, Chatterjee & Schizas, 2015 (*Liropus*) Caprellidae
hainanensis Ren, 2012 (*Kulgaphoxus*) Phoxocephalidae
hainanensis Ren, 2012 (*Leucothoe*) Leucothoidae
hainanensis Ren & Andres, in Ren 2012 (*Melita*) Melitidae

haraktis Piscart, Merzoug & Hafid, 2013 (*Echinogammarus*) Gammaridae
heike Tomikawa, Tanaka & Nakano, 2016 (*Priscomilitaris*) Priscomilitaridae
hendrycksi Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
himyara Krapp-Schickel, 2015 (*Stenothoe*) Stenothoidae
holocaudatus Jung & Yoon, 2015 (*Parvipalpus*) Nuuanuidae
hongkongensis Ren, 2012 (*Hyale*) Hyalidae
huanghaiensis Ren, 2012 (*Melita*) Melitidae
huanghaiensis Ren, 2012 (*Urothoe*) Urothoidae
huonensis Hughes, 2016 (*Huonella*) Maeridae
hurleyi Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
idioxenos Horton & Thurston, 2015 (*Paracallisoma*) Scopelocheiridae
ikiensis Tomikawa, 2015 (*Jesogammarus*) Anisogammaridae
incisa Liu, Zhang & Ren, in Ren 2012 (*Eriopisa)* Melitidae
incomptus Hughes, 2015 (*Elasmopus*) Maeridae
inopinata Krapp-Schickel, 2015 (*Sudanea*) Stenothoidae
inusitata Lowry & Hughes, 2015 (*Endevoura*) Endevouridae
irregularis Myers & Nithyanandan, 2016 (*Maera*) Maeridae
spp **issatisi** Semsar-Kazerroni, Zamanpore & Sadeghi, 2016 (*Gammarus pseudosyriacus*) Gammaridae
iwasai Morino & Miyamoto, 2015 (*Pyatakovestia*) Talitridae
josephensis Foster & Thoma, 2016 (Polycheria) Dexaminidae
karkabounasi Ntakis, Anastasiadou, Zaksek & Fiser, 2015 (Niphargus) Niphargidae
kawesqari Esquete & Aldea, 2015 (*Leucothoe*) Leucothoidae
kermanshahi Esmaeili-Rineh, Heidari, Fiser & Akmali, 2016 (*Niphargus*) Niphargidae
koukourasi Ntakis, Anastasiadou, Zaksek & Fiser, 2015 (Niphargus) Niphargidae
laetum Lowry & Hughes, 2015 (*Ensayara*) Endevouridae
latiflagella Ren & Andres, in Ren 2012 (*Melita*) Melitidae
latilobata Ren, 2012 (*Halicoides*) Pardaliscidae
leeae Hong, Heo & Kim, 2015 (*Monoliropus*) Caprellidae
lemarete Horton & Thurston, 2015 (*Haptocallisoma*) Scopelocheiridae
liuzhangi Ren, in Ren & Sha, 2016 (*Eriopisa*) Eriopisidae
longidactyla Ren, 2012 (*Liljeborgia*) Liljeborgiidae
longidactylus Ren, 2012 (*Perioculodes*) Oedicerotidae
longipalmata Ren, 2012 (*Listriella*) Liljeborgiidae
makie Ariyama, 2016 (*Metacyproidea*) Cyproideidae
mamlahensis Myers & Nithyanandan, 2016 (*Podocerus*) Podoceridae
margaretae Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
mccaini Takeuchi, 2015 (*Paraproto*) Phtisicidae
mere Hughes, 2016 (*Linguimaera*) Maeridae
meridionalis Lowry & Baldanzi, 2016 (*Afriorchestia*) Talitridae
micromanus Ren, 2012 (*Parhyale*) Hyalidae
misool Hughes, 2016 (*Mallacoota*) Maeridae
mirocensis Petkovic, Delic, Lucic & Fiser, 2015 (*Niphargus*) Niphargidae
mistakensis Hughes, 2015 (*Leeuwinella*) Maeridae
nanhaiensis Ren, 2012 (*Ceradocus*) Maeridae
nanhaiensis Ren, 2012 (*Ichnopus*) Uristidae
nanshaensis Ren, 2012 (*Iphimedia*) Iphimediidae

nesoi Hughes & Lowry, 2015 (*Cyphocaris*) Cyphocarididae
norfolkensis Hughes, 2015 (*Elasmopus*) Maeridae
norna Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
okinawensis Ariyama, 2016 (*Cyproidea*) Cyproideidae
oligoseta Ren, 2012 (*Pontogeneia*) Pontogeneiidae
orientalis Ren, 2012 (*Coboldus*) Iphimediidae
oweni Lörz, 2015 (*Rhachotropis*) Eusiridae
paracyclodactyla Jung & Yoon, 2015 (*Nuuanu*) Nuuanuidae
pilosus Sidorov, Gontcharov & Sharina, 2015 (*Adaugammarus*) Typhlogammaridae
podocristata Ren, 2012 (*Liljeborgia*) Liljeborgiidae
posidonia Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
prodigium Lowry & Hughes, 2015 (*Endevoura*) Endevouridae
projecta Ariyama, 2016 (*Dulzura*) Hadziidae
pseudojassa Myers & Nithyanandan, 2016 (*Latigammaropsis*) Photidae
pugilla Krapp-Schickel & Vader, 2015 (*Stenula*) Stenothoidae
rebecae Zeidler & Brown, 2015 (*Glossocephalus*) Oxycephalidae
revazi Birstein & Levuschkin, 1970 revived by Sidorov, Gontcharov & Sharina, 2015 (*Zenkevitchia*) Typhlogammaridae
robustoflagellata Ren, 2012 (*Listriella*) Liljeborgiidae
rodondo Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
rogeri Lörz & Schnabel, 2015 (*Nicippe*) Pardaliscidae
rotundactyla Ren, 2012 (*Melita*) Melitidae
sanctus Bastos-Pereira & Ferreira, 2015 (*Spelaeogammarus*) Artesiidae
sandroruffoi Sidorov, Gontcharov & Sharina, 2015 (*Zenkevitchia*) Typhlogammaridae
senegalensis Krapp-Schickel, 2015 (*Stenothoe*) Stenothoidae
sharifi Esmaeili-Rineh, Sari & Fiser, 2015 (*Niphargus*) Niphargidae
shiosai Ariyama, 2016 (*Paraniphargus*) Melitidae
sinensis Ren, 2012 (*Leipsuropus*) Podoceridae
sinensis Ren, 2012 (*Sinoecetes*) Ischyroceridae
sinica Ren, 2012 (*Endevoura*) Endevouridae
sittropiae Mauro & Serejo, 2015 (*Mayerella*) Caprellidae
smithi Takeuchi & Lowry, 2016 (*Notoprotomima*) Phtisicidae
spinicauda Soucek & Lazo-Wasem, 2015 (In Soucek et al. 2015) (*Hyalella*) Hyalellidae
spinimana Ren, 2012 (*Maera*) Maeridae
spinimanus Ren, 2012 (*Hippomedon*) Tryphosinae
spinosa Guerra-Garcia, Chatterjee & Schizas, 2015 (*Borikenella*) Caprellidae
stebbingi Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
styx Takeuchi, Tomikawa & Lindsay, 2016 (*Abyssododecas*) Phtisicidae
suapensis Correia, Guedes-Silva & Souza-Filho, 2016 (*Ampithoe*) Ampithoidae
taaroa Hughes, 2016 (*Maeraceterus*) Maeridae
tartaros Hughes & Lowry, 2015 (*Cyphocaris*) Cyphocarididae
thijsseni Hughes, 2016 (*Hamimaera*) Maeridae
thirroui Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
tiomanensis Shin, Azman & Kim, 2015 (*Phoxocephalus*) Phoxocephalidae
towamba Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae
trigonum Kilgallen & Lowry, 2015 (*Cheirimedon*) Tryphosinae

truncatus Kilgallen & Lowry, 2015 (*Cheirimedon*)	Tryphosinae
tuberpalmata Ren, 2012 (*Liljeborgia*)	Liljeborgiidae
unidentata Ren, 2012 (*Liljeborgia*)	Liljeborgiidae
vallaris Hughes, 2015 (*Quadrimaera*)	Maeridae
walkerae Hughes, 2015 (*Pseudelasmopus*)	Maeridae
wellborni Soucek & Lazo-Wasem, 2015 (In Soucek et al. 2015) (*Hyalella*)	Hyalellidae
zagorae Svara, Delic, Rada & Fiser, 2015 (*Niphargus*)	Niphargidae

Systematic overview of new taxa

Amphilochidae
- Apolochus **cresti**

Ampithoidae
- Ampithoe **suapensis**
- Peramphithoe **conlanae**
- **Pleonexes** (rev.)

Anisogammaridae
- Jesogammarus (Jesogammarus) **ikiensis**

Aoridae
- Bemlos **acuticoxa**

Artesiidae
- Spelaeogammarus **sanctus**

Caprellidae
- **Borikenella spinosa**
- Liropus **guerragarciai, gurui**
- Mayerella **sittropiae**
- Monoliropus **leeae**

Corophiidae
- Laticorophium **bifurcatum**

Crangonyctidae
- Stygobromus **floridanus**

Cyphocarididae
- Cyphocaris **ananke, nesoi, tartaros**

Cyproideidae
- Cyproidea **okinawensis**
- **Metacyproidea makie**

Dexaminidae
- Polycheira **acercauda**, **josephensis**

Endevouridae
- Endevoura **inusitata, prodigium, sinica**
- Ensayara **evax, laetum**

Eriopisidae
- Eriopisa **incisa, liuzhangi**

Victoriopisa **bruneiensis**
Eusiridae
Rhachotropis **oweni**
Gammaridae
Echinogammarus **haraktis**
Gammarus **gonensis,** pseudosyriacus **issatisi**
Marinogammarus (rev.)
Parhomoeogammarus (rev.)
Relictogammarus
Trichogammarus
Hadziidae
Dulzura **projecta**
Hyalellidae
Hyalella **spinicauda, wellborni**
Hyalidae
Hyale **hongkongensis**
Parhyale **darvishi, micromanus**
Protohyale **arabica**
Iphimediidae
Coboldus **orientalis**
Iphimedia **nanshaensis**
Ischyroceridae
Sinoecetes sinensis
Lepidepecreellidae
Lepidepecreella **debroyeri**
Leucothoidae
Leucothoe **eltoni, hainanensis, kawesqari**
Liljeborgiidae
Liljeborgia **crasspalmata, longidactyla, podocristata, tuberpalmata, unidentata**
Listriella **longipalmata, robustoflagellata**
Lysianassinae
Socarnella **cavipalmata**
Waldeckia **bamberi**
Maeridae
Ceradocus **adangensis, alama, baudini, nanhaiensis**
Elasmopus **coxacallus, incomptus, norfolkensis**
Hamimaera **thijsseni**
Huonella huonensis
Leeuwinella mistakensis
Linguimaera **boeckoides, daveyi, everardensis, mere**
Maera **irregularis, spinimana**
Maeraceterus bramblensis, taaroa
Mallacoota **misool**
Pseudelasmopus **walkerae**
Quadrimaera **brownorum, gregoryi, vallaris**
Melitidae
Melita **breviarticulata, davilae, donghaiensis, hainanensis, huanghaiensis, latiflagella, rotundactyla**
Paraniphargus **shiosai**

Niphargidae
- Niphargus **aitolosi, bisitunicus, borisi, cvetkovi, dancaui, darvishi, karkabounasi, kermanshahi, koukourasi, mirocensis, sharifi, zagorae**

Nuuanuidae
- Nuuanu **paracyclodactyla**
- **Parvipalpus holocaudatus**

Oedicerotidae
- Perioculodes **donghaiensis, longidactylus**

Oxycephalidae
- Glossocephalus **rebecae**

Pardaliscidae
- Halicoides **latilobata**
- Nicippe **rogeri**

Photidae
- Latigammaropsis **pseudojassa**

Phoxocephalidae
- Birubius **budentatus**
- Kulgaphoxus **hainanensis**
- Phoxocephalus **tiomanensis**

Phtisicidae
- **Abyssododecas styx**
- **Notoprotomima smithi**
- Paraproto **mccaini**

Podoceridae
- Leipsuropus **sinensis**
- Podocerus **chilensis, cornutus, cyrenensis, mamlahensis**

Pontogeneiidae
- Pontogeneia **oligoseta**

Priscomilitaridae
- Priscomilitaris **heike**

Scopelocheiridae
- **Haptocallisoma lemarete**
- Paracallisoma **idioxenos**
- **Pseudocallisoma**

Sinurothoidae
- Sinurothoe **armatus**

Stegocephalidae
- **Sinoandaniopsis donghaiensis**

Stenothoidae
- Parametopa **gorea**
- Stenothoe **andamanensis, bartholomea, clavetta, crenulata** (rev.), **himyara, senegalensis**
- Stenula **pugilla**
- **Sudanea inopinata**

Talitridae
- Afriorchestia **meridionalis**
- **Capeorchestia**
- **Ditmorchestia**
- **Ezotinorchestia**

Kokuborchestia
Pyatakovestia boninensis, iwasai

Tryphosinae
Cheirimedon **chevreuxi, danai, gurjanovae, hendrycksi, hurleyi, margaretae, norna, posidonia, rodondo, stebbingi, thirroui, towamba,**
trigonum, truncatus
Hippomedon **bohaiensis, spinimanus**

Typhlogammaridae
Adaugammarus pilosus
Zenkevitchia **revazi** (rev.), **sandroruffoi**

Uristidae
Anonyx **donghaiensis**
Ichnopus **nanhaiensis**

Urothoidae
Urothoe **huanghaiensis**

SYNTHESYS
Synthesis of systematic resources

SYNTHESYS Project funding is available to provide scientists based in European Member and Associated States to undertake short visits to utilize the collections, staff expertise and analytical facilities at one of the 18 partner institutions for the purposes of their research.

SYNTHESYS is pleased to announce Access Call 4 is now open for applications. This is the fourth and final Access call under SYNTHESYS3. The deadline is 17:00 UK time Thursday 13th October, 2016

www.synthesys.info/access

XVI ICA in Aveiro

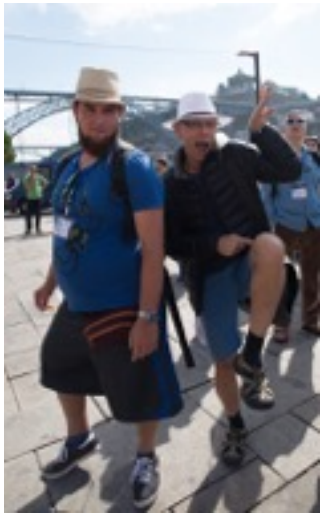
Portugal was the hosting country for the 16th International Colloquium on Amphipoda (16th ICA) taking place at Universidade de Aveiro, Aveiro, Portugal, from 7 to 11 September 2015 (http://16ica.web.ua.pt/). Following a trend for increasing numbers of participants over the last editions, this edition 100 researchers interested in amphipod biology from 30 different countries attended this exciting meeting.

There were 104 oral and poster contributions, including 3 keynotes, distributed by the following themes: Biodiversity and biogeography, Phylogenetics and phylogeography. Morphology, Physiology, Ecology, Anthropogenic disturbance and climate change. Denis Copilaş-Ciocianu was granted with the award for the best student contribution.

The social programme included an icebreaker in Aveiro's "Ciência Viva" museum, the conference dinner in a "Espumante" cellar, and a farewell gathering at the city centre. The conference excursion consisted on a full day visit to the city of Porto, including a boat trip, Port wine tasting and visit to the cellars, and a tuk-tuk ride in Gaia and across the bridge to Porto.

Felipe Costa

Presentations in Aveiro:



KEYNOTE PRESENATIONS:

Beermann, J., Dick, J.T.A., Thiel, M. Many observations but few specific studies - An overview on social recognition in amphipod crustaceans

Coleman, C.O. Taxonomy in times of the “Taxonomy Impediment” - a pessimistic provocation

Guerra-García, J.M., Tierno de Figueroa, J.M., Navarro-Barranco, C., Ros, M. A new method to study the diet of amphipods

ORAL PRESENTATIONS:

Almeida, M., Companu, J.B., Lampadariou, N., Cunha, M.R. Suprabenthic amphipods along an oligotrophic gradient in the bathyal Mediterranean Sea

Axenov-Gribanov, D., Vereshchangina, K., Lubyaga, J., Gurkov, A., Timofeyev, M.A. Determination of Lake Baikal endemic and Palearctic amphipods thermal optima limits by charges in its stress markers

Bącela-Spychalska, K., Rewicz, T., Wattier, R., Grabowski, M., Mamos, T., Ovcharenko, M., Rigaud, T. Phylogeography and host shift of *Cucumispora dikerogammari* - an intracellular parasite of two Ponto-Caspian gammarids

Bedulina, D.S., Evgen´ev, M.B., Gurkov, A.N., Timofeyev, M.A., Zatsepina, O.G. Proteomic thermal stress-responses of two species of Baikal amphipods (*Eulimnogammarus cyaneus* and *E. verrucosus*) with different thermotolerance

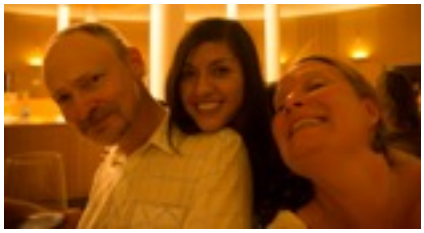
Berezina, N.A., Maximov, A.A. Distribution and ecological significance of amphipods in the eastern Gulf of Finland

Bloor, M.C. Tea for Two: The dietary preference of *Gammarus pulex* and *Asellus aquaticus* during laboratory studies

Cabezas, M.P., Santos, A.M., Branco, M., Xavier, R., Guerra-García, J.M., Sezgin, M. Hidden biodiversity and patterns of genetic differentiation in the Mediterranean-Atlantic transition zone: *Dexamine spiniventris* (Costa, 1853) and *Caprella danilevskii* Czerniavskii, 1868 as case studies

Camisa, F., Bellisario, B., Lattanzi, L., Cimmaruta, R. Exploring patterns of amphipod distribution in *Posidonia oceanica* through the metacommunity approach: a proposed framework

Conlan, K., Hendrycks, E. An ampeliscid amphipod hotspot provides a Canadian Arctic destination for the Pacific gray whale (*Eschrichtius robustus*)



Copilaş-Ciocianu, D., Petrusek, A. The south-western Carpathians as a centre of ancient diversity of freshwater gammarid amphipods: insights from the *Gammarus fossarum* species complex *[1]

[1] Recipient of Best Student Paper

Corbari, L., Sorbe, J.C. First in-situ observations on the behaviour of the deep-sea amphipod *Dulichiopsis* sp. (Senticaudata, Dulichiidae) at the vicinity of the hydrothermal vent site TAG (Mid-Atlantic Ridge)

Davolos, D., De Matthaeis, E., Latella, L., Vonk, R. A new *Cryptorchestia* species (Amphipoda, Talitridae) from the island of Rhodes (Greece) revealed by morphological and phylogenetic analysis

Desiderato, A., Vieira, P., Serejo, C.S., Krapp-Schickel, T., Abbiati, M., Costa, F.O., Queiroga, H. First insights into phylogenetic relationships among the Atlantic and Mediterranean species of the family Hyalidae

Dzierżyńska-Białończyk, A., Jermacz, Ł.M., Kobak, J.D. Preferences of the invasive killer shrimp Dikerogammarus villosus for substrata of different grain size, macrophytes and zebra mussels

Fanini, L., Hughes, L.E., Springthorpe, R., Tosetto, L., Lowry, J.K. Activity patterns of macrofauna on pocket, macrotidal beaches: a field experiment

Fernandez-Gonzalez, V., Sanchez-Jerez, P. Dispersal of fouling caprellids around floating aquaculture facilities in the Mediterranean Sea

Fišer, C., Eme, D., Galassi, D., Stoch, F., Marmornier, P., Zagmajster, M., Malard, F. From European Groundwater Crustacean Dataset to public database

Frutos, I., Sorbe, J.C. Suprabenthic amphipods from the Capbreton area (SE Bay of Biscay). Faunal recovery and a canyon turbiditic disturbance.

Grabowski, M., Mamos, T., Rewicz, T., Wysocka, A., Rachalewski, M., Wattier, R. Spatial patterns of cryptic diversity within the *Gammarus fossarum* complex: adding an East/West side to the story

Horton, T., Lowry, J., DeBroyer, C., Bellan-Santini, D., Coleman, C.O., Daneliya, M., Dauvin, J.-C., Fišer, C., Grabowski, M., Gasca, R., Guerra-García, J., Hendrycks, E., Holsinger, J., Hughes, L., Jażdżewski, K., Just, J., Kamaltynov, R.M., Kim, Y.-H., King, R., Krapp-Schickel, T., LeCroy, S., Vonk, R., Senna, A.R., Serejo, C., Sket, B., Thomas, J., Thurston, M., Vader, W., Väinölä, R., White, K., Zeidler, W. The World Amphipoda Database - updating the global species database.

Jażdżewska, A.M. Kuril-Kamchatka deep sea revisited - abyssal amphipods assemblages

Jażdżewski, K., Mamos, T., Grabowski, M. Taxonomy and distribution of *Gammarus balcanicus*-group in the northern Carpathians

Jelassi, R., Bouslama, M.F., Khemaissia, H., Nasri-Ammar, K. Life history traits of three sympatric talitrid species in the supralittoral zone of Bizerte lagoon (northern Tunisia)

Jelassi, R., Khemaissia, H., Ayari, A., Nasri-Ammar, K. Locomotor behavior of *Orchestia gammarellus* over four seasons in the supralittoral zone of Ghar Melh lagoon (North-East Tunisia)

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IceAGE amphipod determination workshop

4th –8th July 2016 in Wilhelmshaven, Germany

Senckenberg am Meer is housing the huge IceAGE collection (*Icelandic marine Animals: Genetics and Ecology*) building up upon the *Benthic Invertebrates of Icelandic Waters* (BIOICE) collection housed in the Natural History Museum Kópavegur in Reykjavik (Iceland). Amphipoda from a decade of sampling awaited further identification and analyzing. The Volkswagen Stiftung kindly funded this amphipod determination workshop, bringing together the expertise of 25 international colleagues.

From about 50 stations from Icelandics deep-sea we identified **17935 individuals** on family level – belonging to 27 families, and subsampled 200 individuals for sequencing.

We highly enjoyed the enthusiasm and great spirit of our fellow amphipodologists. Thanks for turning this into a fun and most productive week.

Saskia Brix, Anne-Nina Lörz, Bente Stransky

The next workshop is coming soon! The **IceAGE workshop "project synthesis" in Spala** (University Field Station, Lodz, Poland) will take place **3rd to 7th of April 2017**! By Ania Jazdzewska and team

The “Gold Star” identifiers Inma Frutos, Jean-Claude Sorbe & Laure Corbari identified more than 6000 individuals. (Photo by Ania Jazdzewska)

XVII ICA: 2017

At the 2015 ICA conference, we decided to accept the invitation of Murat Özbek and have the 2017 conference in Izmir, Turkey.; the alternative then was Dijon, France. Because of the uncertain political situation in Turkey Murat has now felt compelled to the conclusion that the conference in 2017 cannot be held in Izmir. As preparations had already progressed quite some way, this constitutes of course a great disappointment for our Turkish colleagues.

The colleagues in Dijon felt unable to take over the organization at such short notice. But Sabrina Lo Brutto in Palermo very courageously has offered to organize the 2017 ICA conference in Trapani, Sicily, probably in September 2017. She will need all the help she can get from all colleagues, as one year is a very short time to organize and finance a quite sizeable conference. The scientific committee is already at work in providing assistance. Further information will be given via the Amphipoda group on Facebook.

Wim Vader

Consorzio Universitario della Provincia di Trapani

UNIVERSITÀ DEGLI STUDI DI PALERMO

POLO TERRITORIALE UNIVERSITARIO DELLA PROVINCIA DI TRAPANI
Lungo Mare Dante Alighieri
Erice – Trapani (Italy)
4 - 7 SEPTEMBER 2017

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