

## AMPHIPOD NEWSLETTER 32

This is the last amphipod newsletter that I prepare, before I officially retire from my curatorship and professorate at the University of Tromsø per 1 January 2008. I shall continue to work on amphipods, but it will become still more complicated to keep à jour with the extensive amphipod literature, and if colleagues deem that it is still useful to have an Amphipod Newsletter, somebody soon has to take over the responsibility, although I shall contribute as much as I can as long as I can.

Also this time I have had much help with the bibliography; as usual Egor Vinogradov (Moskva) and Franz Krapp (Bonn) regularly sent in references, and Drs Ariyama and Tomikawa helped out with Chinese and Japanese literature. Martin Thiel sent me the abstracts of the Coquimbo conference. The **In Memoriam** to Dr Valery Kudrjaschov was written by Dr Ludmila Budnikova and Natalia Demchenko, Vladivostok.

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### Bibliography

ABDO, D. A. 2007. Endofauna differences between two temperate marine sponges (Demospongia; Haplosclerida; Chalinidae) from southwest Australia. ---- *Marine Biology* 152, 845-854. (Two *Haliclona* spp, with i.a. *Paraleucothoe* sp. as associate)

AMWEG, E. L., D. P. WESTON, C. S. JOHNSON, J. YOU & M. J. LYDY 2006. Effect of piperonyl butoxide on permethrin toxicity in the amphipod *Hyaella azteca*. ---- *Environmental Toxicology and Chemistry* 25, 1817-1825.

ANONYMUS 2007. *Illinois cave amphipod (Gammarus acherondytes) recovery plan*. ----US Fish and Wildlife Service, Great Lakes-Big Rivers Region, Fort Snelling, Minnesota. 70 pp

ARAVIND, N. P., P. SHEEBA, K. K. C. NAIR & C. T. ACHUTANKUTTY 2007. Life history and population dynamics of an estuarine amphipod, *Eriopisa chilensis* Chilton (Gammaridae). ---- *Estuarine, Coastal & Shelf Science* 74, 87-95.

ARBACIAUSKAS, K. & S. GUMULIAUSKAITE 2007. *Invasion of the Baltic Sea basin by the Ponto-Caspian amphipod Pontogammarus robustoides and its ecological impact*. ---- Chapter 25, Pp 463-477 in F. Gherardi (ed.) *Biological invaders in inland waters: Profiles, distribution and threats*. Springer Netherlands.

- ARIYAMA, H. 2007. Species of the genus *Kamaka* (Crustacea: Amphipoda: Kamakidae) from Japan, *Kamaka biwae* and *K. morinoi* sp. nov. . ---- *Species Diversity* 12, 141-160. (The new species *K. morinoi* has as type locality lake Hinuma, Ibaraki Pref., Japan. It occurs in brackish as well as fresh water.)
- ARNDT, C. E. & K. M. SWADLING 2006. Crustacea in Arctic and Antarctic sea ice: distribution, diet and life history strategies. ---- *Advances in Marine Biology* 51, 197-315. (All you want to know on the subject!)
- ASHTON, G. V., K. J. WILLIS, E. J. COOK & M. BURROWS 2007. Distribution of the introduced amphipod, *Caprella mutica* Schurin, 1935 (Amphipoda: Caprellida: Caprellidae) on the west coast of Scotland and a review of its global distribution. ---- *Hydrobiologia* 590, 31-41.
- BAEZA, J. A. & M. THIEL 2007. *The mating system of symbiotic crustaceans. A conceptual model based on optimality and ecological constraints.* ---- Pp 249-267 in J. E. Duffy & M. Thiel (eds). *Evolutionary ecology of social and sexual systems. Crustaceans as model organisms.* Oxford University Press, 502 pp
- BAILEY, D. M., N. J. KING & I. G. PRIEDE 2007. Cameras and carcasses: historical and current methods for using artificial food falls to study deep-water animals. ---- *Marine Ecology Progress Series* 350, 179-191.
- BALDAUF, S. A., T. THÜNKEN, J. G. FROMMEN, Th. C. M. BAKKER, O. HEUPEL & H. KULLMAN 2007. Infection with an acanthocephalan manipulates an amphipod's reaction to a fish predator's odours. ---- *International Journal for Parasitology* 37, 61-65. (The amphipod is *Gammarus pulex*, the parasite *Pomphorhynchus laevis*.)
- BARBA, E. & A. J. SANCHEZ 2007. A new record of *Hyaella azteca* Saussure, 1858 (Amphipoda, Hyaellidae) from the Lerma-Chapala basin, Mexican Pacific coast. ---- *Crustaceana* 80, 625-630.
- BATES, C. R. & R. E. DeWREEDE 2007. Do changes in seaweed biodiversity influence associated invertebrate epifauna? ---- *Journal of Experimental Marine Biology and Ecology* 344, 206-214. (In most cases, very few effects were noted)
- BEDEK, J., S. GOTTSTEIN MATOCEC, B. JALZIC, R. OZIMEC & V. STAMOL 2006. Catalogue of cave type localities of Croatian fauna. ---- *Natura Croatia* 15 (Suppl. 1), 1-154. (Not seen)
- BEISEL, J.-N. & S. DEVIN 2007. *Biomonotony: definition and assessment for macroinvertebrates in European running waters.* ---- Chapter 19, pp 369-379 in F. Gherardi (ed.). *Biological invaders in inland waters: Profiles, distribution and threats.* Springer Netherlands
- BEQIRAJ, S., M. PINNA, A. BASSET, E. NIKLEKA, B. FETAHU, E. DOKA, M. ISMAILAJ, E. BARBONE, F. SANGIORGIO & M. FEDELE 2007. Preliminary data on the macrozoobenthos of the Albanian coastal lagoons (lagoons of Patok, Karavasta, Narta). ---- *Transitional Waters Bulletin* 3, 37-43. (Amphipods mentioned, but not identified)

BEREZINA, N. A. 2007. Expansion of the North American amphipod *Gammarus tigrinus* Sexton, 1939 to the Neva estuary (easternmost Baltic Sea). ---- *Oceanologia* 49, 129-135.

BEREZINA, N. 2007. *Changes in the aquatic systems of north-eastern Europa after invasion by Gmelinoides fasciatus*. ---- Chapter 26, pp 479-493 in F. Gherardi (ed.). Biological invaders in inland waters: Profiles, distribution and threats. Springer Netherlands.

BEREZINA, N. A. 2007. Invasions of alien amphipods (Amphipoda: Gammaridea) in aquatic ecosystems of North-Western Russia: pathways and consequences. ---- *Hydrobiologia* 590, 15-29. (Deals with *Chaetogammarus ischnus*, *C. warpachowskyi*, *Chelicorophium curvispinum*, *Dikerogammarus haemobaphes*, *Obesogammarus crassus*, *Pontogammarus robustoides*, *Gmelinoides fasciatus* and *Gammarus tigrinus*.)

BERGE, J., W. VADER & J. R. JOHNSEN 2007. Studies on the genus *Onisimus* Boeck, 1871 (Crustacea, Amphipoda, Uristidae). II. The *barentsi* and *edwardsii* groups. ---- *Zootaxa* 1410, 55-68. (Deals with *O. barentsi* (with *O. krassini* as junior synonym), *O. plautus*, *O. sibiricus* (very close to *O. plautus*), *O. simus* and *O. edwardsii*.)

BICKFORD, D., D. J. LOHMAN, N. S. SODHI, P. K. L. NG, R. MEIER, K. WINKER, K. K. INGRAM & I. DAS 2006. Cryptic species as a window on diversity and conservation. ---- *Trends in Ecology and Evolution* 22, 148-155.

BITSCH, C. & J. BITSCH 2006. *Evolution of eye structure and arthropod phylogeny*. Pp 185-214 in S. Koenemann & R.A. Jenner (eds). Crustacea and arthropod relationships. CRC Press, Taylor & Francis, New York.

BOERSMA, P. D., S. H. REICHARD, & A. N. VAN BUREN (eds)., 2006. *Invasive species in the Pacific Northwest*. ---- Univ. of Washington Press, Seattle and London, 285 pp (Not seen)

BOLLACHE, L., N. KALDONSKI, J.-P. TROUSSARD, C. LAGRUE & T. RIGAUD 2006. Spines and behaviour as defences against fish predators in an invasive freshwater amphipod. - --- *Animal Behaviour* 72, 627-633. (Not seen. On *Gammarus roeselii*)

BORGMANN, U., D. T. BENNIE, A. L. BALL & V. PALABRICA 2007. Effect of a mixture of seven pharmaceuticals on *Hyaella azteca* over multiple generations. ---- *Chemosphere* 66, 1276-1283.

BORGMANN, U., Y. COUILLARD & L. P. GRAPENTINE 2007. Relative contribution of food and water to 27 metals and metalloids accumulated by caged *Hyaella azteca* in two rivers affected by metal mining. ---- *Environmental Pollution* 145, 753-765.

BRANDON-JONES, D., J. W. DUCKWORTH, P. D. JENKINS, A. B. RYLANDS & E. E. SARMIENTO 2007. The genitive of species-group scientific names formed from personal names. ---- *Zootaxa* 1541, 41-48. (Not seen)

BRANDT, A. & J. BERGE 2007. Peracarid composition, diversity and species richness in the area of the Northeast Water polynya, East Greenland (Crustacea, Malacostraca). ---- *Polar Biology* 31, 15-22. (94 spp of amphipods, not listed here)

BRANDT, A., C. DE BROYER, I. DE MESEL, K. E. ELLINGSEN, A. J. GOODAY, B. HILBIG, K. LINSE, M. R. A. THOMSON & P. A. TYLER 2007. The biodiversity of the deep Southern Ocean benthos. ---- *Philosophical Transactions of the Royal Society B* 362, 39-66. (Amphipods are much more common in the Antarctic deep sea than in other deep oceans)

BRANDT, A., A. J. GOODAY, S. N. BRANDÃO, S. BRIX, W. BRÖKELAND, T. CEDHAGEN, M. CHOUDBURY, N. CORNELIUS, B. DANIS, I. DE MESEL, R. J. DIAZ, D. C. GILLAN, B. EBBE, J. A. HOWE, D. JANUSSEN, S. KAISER, K. LINSE, M. MALYUTINA, J. PAWLOWSKI, M. RAUPACH & A. VANREUSEL 2007. First insights into the biodiversity and biogeography of the Southern Ocean deep sea. ---- *Nature, London* 447, 307-311.

BRIGGS, J. C. 2007. Marine longitudinal biodiversity: causes and conservation. ---- *Diversity and Distributions* 13, 544-555.

BRÖKELAND, W., M. CHOUDHURY & A. BRANDT 2007. Composition, abundance and distribution of Peracarida from the Southern Ocean deep sea. ---- *Deep-Sea Research II* 54, 1752-1759. (The Amphipoda were the most abundant taxon in the samples, with 43% of all peracarid individuals.)

CALOSI, P., D. MORRITT, G. CHELAZZI & A. UGOLINI 2007. Physiological capacity and environmental tolerance in two sandhopper species with contrasting geographical ranges: *Talitrus saltator* and *Talorchestia ugolinii*. ---- *Marine Biology, Berlin* 151, 1647-1655.

CARLETON, J. H. & W. M. HAMNER 2007. The hyperbenthic plankton community: composition, distribution, and abundance in a coral reef lagoon. ---- *Marine Ecology Progress Series* 336, 77-88. (Amph. on Table 1, p.79. Interestingly a *Moolapheonoides* species was the most numerous amphipod in the Great Barrier Reef study.)

CARLSEN, B. P., G. JOHNSEN, J. BERGE & P. KUKLINSKI 2007. Biodiversity patterns of macro-epifauna on different lamina parts of *Laminaria digitata* and *Saccharina latissima* collected during spring and summer 2004 in Kongsfjorden, Svalbard. ---- *Polar Biology* 30, 939-943. (No amphipods).

CASADO-MARTINEZ, M. C., J. M. FORJA & T. A. DELVALLS 2007. Direct comparison of amphipod sensitivities to dredged sediments from Spanish ports. ---- *Chemosphere* 68, 677-685. (Tests with *Ampelisca brevicornis* and *Corophium volutator*.)

CASELLATO, S., A. VISENTIN & G. LA PLANA 2007. *The predatory impact of Dikerogammarus villosus on fish*. ---- Pp 495-506 in F. Gherardi (ed.). Biological invaders in inland waters. Profiles, distribution and threats. Volume 2 in Series Invading nature. Springer Netherlands.

CASTIGLIONI, D. da SILVA & G. BOUND-BUCKUP 2007. Reproductive strategies of two sympatric species of *Hyaella* Smith (Amphipoda, Dogielinotidae) in laboratory conditions. *Journal of Natural History* 41, 1571-1584. (*H. pleoacuta* and *H. castroi*)

CÉZILLY, F., & M.-J. PERROT-MINNOT 2005. Studying adaptive changes in the behaviour of infected hosts: a long and winding road. ---- *Behavioural Processes* 68, 223-228.

CHAINHO, P., J. L. COSTA, M. L. CHAVES, M. F. LANE, D. M. DAUER & M. J. COSTA 2006. Seasonal and spatial patterns of distribution of subtidal benthic invertebrate communities in the Mondega River, Portugal, a poikilohaline estuary . ---- *Hydrobiologia* 555, 59-74.

CHAINHO, P., M. F. LANE, M. L. CHAVES, L. L. COSTA, M. J. COSTA & D. M. DAUER 2007. Taxonomic sufficiency as a useful tool for typology in a poikilohaline estuary. ---- *Hydrobiologia* 587, 63-78.

CHERTOPRUD, M. V. 2006. (The amphipod fauna of Moscow). ---- *Biologiya Vnutrennikh Vod* 2006-4, 17-21. (In Russian, not seen. Apparently deals with *Gammarus lacustris*, *Stygobromus meschtschericus*, *Dikerogammarus haemobaphes* and *Gmelinoides fasciatus*.)

COLEMAN, C. O. 2007. *Census of Antarctic Marine Life. Synopsis of the Amphipoda of the Southern Ocean. Volume 2: Acanthonotozomellidae, Amathillopsidae, Dikwidae, Epimeriidae, Iphimediidae, Ochlesidae and Vicmusiidae*. ----Institut Royal des Sciences Naturelles de Belgique, Bruxelles, 134 pp, 4 Plates. (A great monograph, with clear illustrated keys to genera and species, and beautiful illustrations of all species. The four colour plates show some of the striking colours of many species in this spectacular group of amphipods, which are so characteristic of Antarctic waters.)

COLEMAN, M. A., E. VYTOPIL, P. J. GOODSSELL, B. M. GILLANDERS & S. A. CONNELL 2007. Diversity and depth-related patterns of mobile invertebrates associated with kelp forests. ---- *Marine and Freshwater Research* 58, 589-595. (Not seen).

CONRAN, J. G. & J. H. BRADBURY 2007. Aspidistras , amphipods and Oz: Niche opportunism between strangers in a strange land. ---- *Plant Species Biology* 22, 41-48. (The Asian invader *Aspidistra* is in S.Australia pollinated by collembolans and the exotic talitrid amphipod *Arcitalitrus sylvaticus*! A riveting story!)

COOK, E. J., K. J. WILLIS & M. LOZANO-FERNANDEZ 2007. Survivorship, growth and reproduction of the non-native *Caprella mutica* Schurin, 1935 (Crustacea: Amphipoda). ---- *Hydrobiologia* 590, 55-64.

COOPER, S. J. B., J. H. BRADBURY, K. M. SAINT, R. LEYS, A. A. AUSTIN & W. F. HUMPHREYS 2007. Subterranean archipelago in the Australian arid zone. Mitochondrial DNA phylogeography of amphipods from central Western Australia. ---- *Molecular Ecology* 16, 1533-1544. (There are large numbers of long isolated 'subterranean islands' in this area (old drainage systems), and they seem to contain clearly genetically differentiated taxa of both water beetles and amphipods. The water beetles are also morphologically distinct, the –not yet described—amphipod taxa are morphologically very similar.)

COPPELOTTI KRUPA, O., V. TONIELLO & I. GUIDOLIN 2004. *Niphargus* and *Gammarus* from karst waters. First data on heavy metal (Cd, Cu, Zn) exposure in a biospeleology laboratory. ---- *Subterranean Biology* 2, 33-42 (Not seen)

COSTA, F. O., J. R. de WAARD, J. BOUTILLIER, S. RATNASINGHAM, R. T. DOOH, M. HAJIBABAEI & P. D. N. HEBERT 2007. Biological identifications through DNA barcodes:

- the case of the Crustacea. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 64, 272-295. (Barcoding shows great promise as a tool in crustacean research)
- CRAWLEY, K. R. 2007. The role of different types of detached macrophytes in the food and habitat choice of a surf-inhabiting amphipod. ---- *Marine Biology, Berlin* 151, 1433-1443. (The amphipod in this Australian study is *Allorchestes compressa*)
- CRAWLEY, K. R. & G. A. HYNDES 2007. The role of different types of detached macrophytes in the food and habitat choice of a surf-zone inhabiting amphipod. ---- *Marine Biology, Berlin* 151, 1433-1443. (A study on *Allorchestes compressa* in SW Australia)
- CRAWLEY, K. R. , G. A. HYNDES & M. A. VANDERKLIFT 2007. Variation among diets in discrimination of  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  in the amphipod *Allorchestes compressa*. ---- *Journal of Experimental Marine Biology and Ecology* 349, 370-377.
- CRISTESCU, M. E. & P. D. N. HEBERT 2005. The ‘Crustacean seas’, an evolutionary perspective on the Ponto-Caspian peracarids. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 62, 505-517. (Not seen, unfortunately)
- CURREY, R. J. C. & R. POULIN 2007. Do parasites affect burrowing activity and emergence of sand hoppers, *Talorchestia quoyana* (Amphipoda: Talitridae)? ---- *Canadian Journal of Zoology* 85, 344-351. (No, they don't, in the case of the mermithid nematode *Thaumamermis zealandica*, which invariably kills its host in the end.)
- DAUNYS, D. & M. L. ZETTLER 2006. Invasion of the North American amphipod (*Gammarus tigrinus* Sexton, 1939) into the Curonian Lagoon, south-eastern Baltic Sea. ---- *Acta Zoologica Lituanica* 16, 20-26.
- DAUVIN, J.-C. 2007. Paradox of estuarine quality: benthic indicators and indices, consensus or debate for the future. ---- *Marine Pollution Bulletin* 55, 271-281.
- DAUVIN, J.-C. & N. DESROY 2005. The food web in the lower part of the Seine estuary: a synthesis synopsis of existing knowledge. ---- *Hydrobiologia* 540, 13-27. (Not seen)
- DAUVIN, J. C. & T. RUELLET 2007. Polychaete/ amphipod ratio revisited. ---- *Marine Pollution Bulletin* 55, 215-224. (The authors advocate the use of BOPA, a Benthic Opportunistic Polychaete versus Amphipod index, to evaluate the grade of pollution of soft sediments.)
- DAUVIN, J.-C. & C. VALLET 2006. The near-bottom layer as an ecological boundary in marine ecosystems: diversity, taxonomic composition and community definitions.---- *Hydrobiologia* 555, 49-58. (Not seen)
- DE BROYER, C., J. K. LOWRY, K. JAZDZEWSKI & H. ROBERT 2007. *Census of Antarctic marine Life. Synopsis of the Amphipoda of the Southern Ocean. Volume 1: Part 1. Catalogue of the Gammaridean and Corophiidean Amphipoda (Crustacea) of the Southern Ocean with distribution and ecological data.* ---- Institut Royal des Sciences Naturelles de Belgique, Bruxelles., 325 pp. (This is the long awaited first part of the Handbook of Antarctic Amphipoda, the great project led by Claude De Broyer in Brussels. This first part gives us all the background data, the distribution reports and the literature references for all Antarctic

amphipods. It will be combined with a CD-ROM presenting an interactive key to all families and subfamilies, but this was delayed and will come out separately.)

DEFEO, O. & J. GOMEZ 2005. Morphodynamics and habitat safety in sandy beaches: life-history adaptations in a supralittoral amphipod. ---- *Marine Ecology Progress Series* 295, 1-20. (Not seen)

DEMCHENKO, N. I. 2006. *Size-structure dynamics of the Pontoporeia affinis (Amphipoda: Pontoporeiidae) from the Piltun pasturing region of the Gray Whales (the Sea of Okhotsk)*. --- - Pp 30-31 in (Fundamental investigations of marine biota (biology, chemistry and biotechnology), materials of conference of students, postgraduate students and young scientists of REC FENU). Izd-vo Dal'nevost, Vladivostok.

DEMCHENKO, N. I. 2007. Amphipods (Amphipoda: Gammaridea) from the Piltun Gray Whale pasturing region, Northeastern Sakhalin Island (Sea of Okhotsk). ---- Selected Papers of the Nagisa World Congress 2006, 67-72. (Amph. listed on p. 70.)

DEROUS, S., T. AGARDY, H. HILLEWAERT, K. HOSTENS, G. JAMIESON, L. LIEBERKNECHT, J. MEES, I. MOULAERT, S. OLENIN, D. PAELINCK, M. RABAUT, E. RACHOR, J. ROFF, E. W. M. STIENEN, J. T. van der WAL, V. van LANCKER, E. VERFAILLIE, M. VINX, J. M. WESLAWSKI & S. DEGRAER 2007. A concept for biological variation in the marine environment. ---- *Oceanologia* 49, 99-128

DEVIN, S. & J.-N. BEISEL 2007. Biological and ecological characteristics of invasive species: a gammarid study. ---- *Biological Invasions* 9, 13-24.

DROLET, D. & M. A. BARBEAU 2006. Immersion in neutral red solution as a mass-marking technique to study the movement of the amphipod *Corophium volutator*. ---- *Journal of Crustacean Biology* 26, 540-542.

DUBOIS, A. 2007. Phylogeny, taxonomy and nomenclature. The problem of taxonomic categories and nomenclatural ranks. ---- *Zootaxa* 1519, 27-68. (not see, unfortunately)

DUBOIS, A. 2007. Genitives of species and subspecies nomina derived from personalø names should not be emended. ---- *Zootaxa* 1550, 49-68. (Not seen)

DUBOIS, A. & A. NEMÉSIO 2007. Does nomenclatural availability of nomina of new species or subspecies require the deposition of vouchers in collections? ---- *Zootaxa* 1409, 1-22 (Not seen.)

DUCLOS, L. M., B. J. DANNER & B. B. NICKOL 2006. Virulence of *Corynosoma constrictum* (Acanthocephala: Polymorphidae) in *Hyalella azteca* (Amphipoda) throughout parasite ontogeny. ---- *Journal of Parasitology* 92, 749-755.

DUFFY, J. E. & M. THIEL 2007. *Sexual and social behaviour of Crustacea. A way forward*. ---- Pp 461-473 in J. E. Duffy & M. Thiel (eds). Evolutionary ecology of social and sexual systems. Crustaceans as model organisms. Oxford University Press, 502 pp

DUNN, A. M. 2005. Parasitic manipulation of host history and sexual behaviour. ---- *Behavioural Processes* 68, 255-258.

- DUTRA, B. K., D. S. CASTIGLIONI, R. B. SANTOS, G. BOND-BUCKUP & G. T. OLIVEIRA 2007. Seasonal variations in the energy metabolism of two sympatric species of *Hyalella* (Amphipoda, Dogielinotidae) in the southern Brazilian highlands. ---- *Comparative Biochemistry and Physiology A* 148, Suppl.1, 93. (*H. pleoacuta* and *H. castroi*.)
- DYSON, K. E., M. T. BULLING, M. SOLAN, G. HERNANDEZ-MILIAN, D. G. RAFFAELLI, P. C. L. WHITE & D. M. PATERSON 2007. Influence of macrofaunal assemblages and environmental heterogeneity on microphytobenthic production in experimental systems. ---- *Proceedings of the Royal Society B* 274, 2547-2554. (Studies on i.a. *Corophium volutator* on an *Enteromorpha* mudflat)
- ECKERT, C. 2007. Die 'zweite Entdeckung' des Baikalsees durch die Brüder Dybowski. ---- *Natur und Museum* 137, 261-273.
- EILERTSEN, M. 2007. *Does the composition of amphipods associated to epiphytes on kelp (Laminaria hyperborea) change with depth?* ---- M Sc Thesis, Univ. of Bergen, 78 pp. (Correlations were found with the complexity of structure of red algae, rather than with depth per se.)
- FANTINI, L., G. M. MARCHETTI, F. SCAPINI & O. DEFEO 2007. Abundance and orientation responses of the sandhopper *Talitrus saltator* to beach nourishment and groynes building at San Rossore natural park, Tuscany, Italy. ---- *Marine Biology, Berlin* 152, 1169-1179.
- FINSTON, T. L., M. S. JOHNSON, W. F. HUMPHRIES, M. EBERHARD & S. A. HALSE 2007. Cryptic speciation in two widespread subterranean amphipod genera reflects historical drainage patterns in an ancient landscape. ---- *Molecular Ecology* 16, 355-365. (Molecular genetic studies on the genera *Pilbarus* and *Chydaekata*)
- FISER, C., P. TRONTELJ & B. SKET 2006. Phylogenetic analysis of the *Niphargus orcinus* species aggregate (Crustacea: Amphipoda: Niphargidae) with description of new taxa. ---- *Journal of Natural History* 40, 2265-2315. (An important revision, with a cladistic analysis of the so-called 'Orniphargus'-group. The taxa *N. orcinus redenseki* and *N. croaticus pachytelson* are raised to specific rank, and the following new species described: *N. dolichopus* n. sp. (Suvaja pecina cave, Bosnia), *N. dabarensis* n. sp. (Dabarska pecina cave, Bosnia), *N. lourensis* n. sp. ( Spring of Louros river, Ionannina, Greece), and *N. polymorphus* n. sp. (Bileca, Bosnia).)
- FORD, A. T., T. F. FERNANDES, C. D. ROBINSON, I. M. DAVIES & P. A. READ 2006. Can industrial pollution cause intersexuality in the amphipod, *Echinogammarus marinus*? ---- *Marine Pollution Bulletin* 53, 100-106. (On sites with industrial pollution more amphipods are infested by feminizing microsporidians. But parasitism is not the only cause of intersex.)
- FORD, A. T., I. MARTINS & T. F. FERNANDES 2007. Population level effects of intersexuality in the marine environment. ---- *Science of the Total Environment* 374, 102-111. (A modelling study).
- FORD, A. T., P. A. READ, T. L. JONES, F. MICHINO, Y. PANG & T. F. FERNANDES 2007. An investigation into intersex amphipods and a possible association with aquaculture. -



--- *Science of the Total Environment* xxx, xxx-xxx. (In sea lochs with aquaculture there are more amphipods (*Echinogammarus marinus*) intersex females and/or infested with microsporidians than in reference areas)

FORD, A. T., T. P. RODGERS-GRAY, I. M. DAVIES, A. M. DUNN, P. A. READ, C. D. ROBINSON, J. E. SMITH & T. F. FERNANDES 2005. Abnormal gonadal morphology in intersex, *Echinogammarus marinus* (Amphipoda). A possible cause of reduced fecundity? ---- *Marine Biology* 147, 913-918.

FORWARD, R. B., L. WYATT, D. CLIFFORD & A. BARBOUR 2007. Endogenous rhythm in activity of an estuarine amphipod, *Talorchestia longicornis*. ---- *Marine and Freshwater Behaviour and Physiology* 40, 133-140.

FOULQUIER, A., F. MALARD, T. LEFÉBURE, C. J. DOUADY & J. GIBERT 2007. The imprint of Quaternary glaciers on the present-day distribution of the obligate groundwater amphipod *Niphargus virei* (Niphargidae). ---- *Journal of Biogeography* ??, 1-13.

FRANCESCHI, N., T. RIGAUD, Y. MORET, F. HERVANT & L. BOLLACHE 2007. Behavioural and physiological effects of the tropically transmitted cestode parasite, *Cyathocephalus truncatus*, on its intermediate host, *Gammarus pulex*. ---- *Parasitology* xx, xx-xx.

GALE, S. A. , C. K. KING & R. V. HYNE 2007. Chronic sublethal sediment toxicity testing using the estuarine amphipod, *Melita plumulosa* (Zeidler): evaluation using metal-spiked and field-contaminated sediments. ---- *Environmental Toxicology and Chemistry* 25, 1887-1898.

GAMFELDT, L. & B. KÄLLSTRÖM 2007. Increasing intraspecific diversity increases predictability in population survival in the face of perturbations. ---- *Oikos* 116, 700-705. (A study on *Gammarus duebeni* from Baltic rockpools)

GAPPA, J. LOPEZ. & M. CRUZ SUEIRO 2007. The subtidal macrobenthic assemblages of Bahia San Sebastian (Tierra del Fuego, Argentina). ---- *Polar Biology* 30, 679-687.

GASCA, R., E. SUAREZ-MORALES & S. H. D. HADDOCK 2007. Symbiotic associations between crustaceans and gelatinous zooplankton in deep and surface waters off California. --- *Marine Biology* 151, 233-242. (Hyperiid amphipods found during this survey are listed in Table 2, pp 238-239.)

GASCON, S., D. BOIX, J. SALA & X. D. QUINTANA 2007. Changes on macrobenthic fauna of a Mediterranean salt marsh (Emporda wetlands, NE Iberian peninsula) after a severe drought, with special emphasis on the *Corophium orientale* population. ---- *Vie et Milieu* 57, 3-12. (The *Corophium* suffered greatly).

GEFFARD, A., H. QUÉAU, O. DEDOURGE, S. BIAGANTI-RISBOUG & O. GEFFARD 2007. Influence of biotic and abiotic factors on metallothionein level in *Gammarus pulex*. ---- *Comparative Biochemistry & Physiology C* 145, 632-640.

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- GIRIBET, G., S. RICHTER, G. D. EDGEcombe & W. C. WHEELER 2005. *The position of crustaceans within Arthropoda—Evidence from nine loci and morphology*. ---- Pp 307-352 in S. Koenemann & R. A. Jenner (eds). *Crustacea and arthropod relationships*. CRC Press, Taylor & Francis, New York.
- GLASBY, T. M., S. D. CONNELL, M. G. HOLLOWAY & C. L. HEWITT 2007. Nonindigenous biota on artificial structures: could habitat creation facilitate biological invasions? ---- *Marine Biology, Berlin 151*, 887-895. (The authors think it certainly could and does!)
- GOLLASCH, S. & S. NEHRING 2006. National checklist for aquatic alien species in Germany. ---- *Aquatic Invasions 1*, 245-269. (15 amphipod species listed on pp 265-267.)
- GLENNER, H., P. F. THOMSEN, M. B. HEBSSGAARD, M. V. SØRENSEN & E. WILLERSLEV 2006. The origin of insects. ---- *Science 314*, 1883-1884. (Insects may have developed from Silurian Branchiopods in fresh water!)
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- GRABOWSKI, M., K. BACELA & A. KONOPACKA 2007. How to be an invasive gammarid (Amphipoda: Gammaroidea)—a comparison of life history traits. ---- *Hydrobiologia 590*, 75-84
- GRABOWSKI, M., K. JAZDZEWSKI & A. KONOPACKA 2005. Alien Crustacea in Polish waters—Introduction and Decapoda. ---- *Oceanological and Hydrobiological Studies 34, Suppl. 1*, 43-61.
- GRAENING, G. O., J. R. HOLSINGER, D. B. FENOLIO, E. A. BERGEY & C. C. VAUGHN 2006. Annotated checklist of the amphipod crustaceans of Oklahoma, with emphasis on groundwater habitats. ---- *Proceedings of the Oklahoma Academy of Sciences 86*, 65-74. (Fourteen species in four families.)
- GROSSO, L. E., M. A. PERALTA & S. RUFFO 2006. Description of *Pseudoingolfiella morimotoi*, sp. nov. (Crustacea, Amphipoda) from New Zealand and transantarctic distribution of the genus. ---- *Subterranean Biology 4*, 67-77. (The type locality is Poerua River, Westland, South Island, NZ. After a cladistic analysis the authors tentatively assign the genus to the family Paracrangonyctidae. NB. The correct name of the genus is *Pseudingolfiella*.)
- GRUDULE, N., E. PARELE & K. ARBACIAUSKAS 2007. Distribution of Ponto-Caspian amphipod *Pontogammarus robustoides* in Latvian waters. ---- *Acta Zoologica Lituanica 17*, 28-32.
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- HARZSCH, S. 2006. Neurophylogeny: architecture of the nervous system and a fresh view on arthropod phylogeny. ---- *Integrated Comparative Biology* 46, 162-194.
- HARZSCH, S. & G. HAFNER, 2006. Evolution of eye development in arthropods. Phylogenetic implications. ---- *Arthropod Structure and Development* 35, 319-340 (Not seen).
- HAVERMANS, C., C. DE BROYER, J. MALLEFET & V. ZINTZEN 2007. Dispersal mechanisms in amphipods: a case study of *Jassa herdmani* (Crustacea, Amphipoda) in the North Sea. ---- *Marine Biology* 153, 83-89.
- HENDRYCKS, E. A. 2007. A new species of *Valettiopsis* Holmes, 1908 (Crustacea: Gammaridea, Lysianassoidea) from abyssal waters off California. ---- *Zootaxa* 1501, 45-56. (*V. concava* n. sp., from off central California, 4100m. A key to the species is provided. *V. ruffoi* does not belong to this genus, and will be treated in a later paper by this author.)
- HERBERHOLZ, J. 2007. *The neural basis of communication in crustaceans*. ---- Pp 72-89 in J. E. Duffy & M. Thiel (eds). Evolutionary ecology of social and sexual systems. Crustaceans as model organisms. Oxford University Press, 502 pp
- HOLSINGER, J. R., Y. RANGA REDDY & M. MESSOULI 2006. *Bogidiella indica*, a new species of subterranean amphipod crustacean (Bogidiellidae) from wells in southeastern India, with remarks on the biogeographic importance of recently discovered Bogidiellids on the Indian subcontinent. ---- *Subterranean Biology* 4, 45-54. (from a well in Andhra Pradesh, India)
- HOSONO, T. & Y. SAKURAI 2006. (Life history of *Caprella acanthogaster* (Amphipoda, Crustacea), a fouling organism on kelp.) ---- *Suisan Zoshoku* 54, 107-114. (In Japanese, not seen).
- HOU, Z., J. FU & S. LI 2007. A molecular phylogeny of the genus *Gammarus* (Crustacea, Amphipoda) based on mitochondrial and nuclear gene sequences. ---- *Molecular Phylogenetics and Evolution* 45, 596-611. (An important study. 53 *Gammarus* spp, and one *Sinogammarus* were tested. 'The hypothesis supports monophyly of the genus *Gammarus*, paraphyly of the European-North American *Gammarus*, and monophyly of the Asian *Gammarus*, which again are split into a a southeastern and a northwestern group.' The genus *Sinogammarus* is submerged into *Gammarus*.)
- HUANG, Y. M., M. O. AMSLER, J. B. McCLINTOCK, C. D. AMSLER & B. J. BAKER 2007. Patterns of gammaridean abundance and species composition associated with dominant subtidal macroalgae from the western Antarctic Peninsula. ---- *Polar Biology* 30, 1417-1430.

- HUFF, T. M. & J. K. JARETT 2007. Sand addition alters the invertebrate community of intertidal coralline turf. ---- *Marine Ecology Progress Series* 348, 75-82.
- IANNILLI, V. & S. RUFFO 2007. A new genus and species of Phreatogammaridae (*Caledonietta maryae* n. gen. n. sp.) from New Caledonia (Crustacea, Amphipoda). ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 31, 23-29. (Deals with *Caledonietta maryae* n. gen, n. spec. (Phreatogammaridae) from Confiance, N.Caledonia. The genus is close to *Phreatogammarus*)
- IDE, K., K. TAKAHASHI & M. OMORI 2007. Direct observation of swimming behaviour in a shallow-water scavenging amphipod *Scopelocheirus onagawae* in relation to chemoreceptive foraging. ---- *Journal of Experimental Marine Biology & Ecology* 340, 70-79. (Finally, the long awaited direct observations!)
- INGOLFSSON, A. 2006. The intertidal seashore of Iceland and its animal communities. ---- *Zoology of Iceland I* 7, 1-85. (Not seen).
- INGOLFSSON, A., O. P. OLAFSSON & D. MORRITT 2007. Reproduction and life-cycle of the beach-flea (*Orchestia gammarellus* (Pallas) (Crustacea, Amphipoda) at thermal and non-thermal sites in the intertidal of Iceland: how important is temperature? ---- *Marine Biology, Berlin* 150, 1333-1343.
- ISSARTEL, J., F. HERVANT, Y. VOITURON, D. RENAULT & P. VERNON 2005. Behavioural, ventilatory and respiratory responses of epigeal and hypogean crustaceans to different temperatures. ---- *Comparative Biochemistry and Physiology A* 141, 1-7. (*Gammarus fossarum*, *Niphargus rhenorhodanensis* and *N. virei*.)
- ISSARTEL, J., D. RENAULT, Y. VOITURON, A. BOUCHEREAU, P. VERNON & F. HERVANT 2005. Metabolic responses to cold in subterranean crustaceans. ---- *Journal of Experimental Biology* 208, 2923-2929. (Same three species)
- JACOBUCCI, G. B. & F. P. P. LEITE 2006. (Population biology of Ampithoidae species (Crustacea, Amphipoda) associated with *Sargassum filipendula* (Phaeophyta, Fucales), at Fortaleza beach, Ubatuba, São Paulo, Brazil.) ---- *Revista Brasileira de Zoologia* 23 (4), 11 pp. (in Portuguese)
- JARMAN, S. N., K. S. REDD & N. J. GALES 2006. Group-specific primers for amplifying DNA sequences that identify Amphipoda, Cephalopoda, Echinodermata, Gastropoda, Isopoda, Ostracoda and Thoracica. ---- *Molecular Ecology Notes* 6, 268-271.
- JAUME, D. & A. BOX 2006. A new species of *Nuuanu* (Amphipoda, Gammaridea, Melitidae) from shallow sandy bottoms of the Balearic Islands (W. Mediterranean). ---- *Scientia Marina* 70, 735-747. (*N. beatricis* n. sp. from Calvia, Mallorca)
- JEONG, S. J., O. H. YU & H. L. SUH 2007. Life history and reproduction of *Jassa slatteryi* (Amphipoda, Ischyroceridae) on a seagrass bed (*Zostera marina* L.) in South Korea. ---- *Journal of Crustacean Biology* 27, 65-70.
- KARATAYEV, A. Y., S. E. MASTITSKY, L. E. BURLAKOVA & S. OLENIN 2007. Past, current, and future of the central European corridor for aquatic invasions in Belarus. ----

*Biological Invasions* ??, ?-?. (I have unfortunately not the references to this paper. Five species of alien amphipods are discussed.)

KARLSON, K, S. HUTH & R. ROSENBERG 2007. Density of *Monoporeia affinis* and biogeochemistry in Baltic Sea sediments. ---- *Journal of Experimental Marine Biology & Ecology* 344, 123-135.

KEENEY, D. B., J. M. WATERS & R. POULIN 2007. Diversity of trematode genetic clones within amphipods and the timing of same-clone infections. ---- *International Journal for Parasitology* 37, 351-357. (A study on *Maritrema novaezealandensis* within *Paracalliope novizealandiae* in, you guessed it, New Zealand)

KEENEY, D. B., J. M. WATERS & R. POULIN 2007. Clonal diversity of the marine trematode *Maritrema novaezealandensis* within intermediate hosts: the molecular ecology of parasite life cycles. ---- *Molecular Ecology* 16, 431-439. (The intermediate hosts here are a snail and a crab)

KIMM, M. A. & N. M. PRPIC 2005. Formation of the arthropod labrum by fusion of paired and rotated limb-bud-like primordia. ---- *Zoomorphology* 125, 147-155. (Not seen)

KINSEY, J., T. J. COONEY & K. S. SIMON 2007. A comparison of the leaf-shredding ability and influence on microbial films of surface and cave forms of *Gammarus minus* Say. -- *Hydrobiologia* 589, 199-205. (Both forms are effective leaf shredders.)

KNOPF, F., S. KOENEMANN, F. SCHRAM & C. WOLFF 2006. The urosome of the Pan- and Peracarida. ---- *Contributions to Zoology* 75, 1-21. (Not seen)

KOBAK, J. & J. ZYTKOWICZ 2007. Preferences of invasive Ponto-Caspian and native European gammarids for zebra mussel (*Dreissena polymorpha*, Bivalvia) shell habitat. ---- *Hydrobiologia* 589, 43-54. (*Dikerogammarus haemobaphes* was strongly attracted to living mussels)

KOBAYASHI, T & S. ISHIMARU 2005. A new species of *Moolapheonoides* (Crustacea: Amphipoda) from Sagami Bay, Japan. ---- *Publications of the Seto Marine Biological Laboratory* 40, 171-177. (*M. acutofalcatus* n.sp.)

KOLANOWSKI, W., A. STOLYHWO & M. GRABOWSKI 2007. Fatty acid composition of selected fresh water gammarids (Amphipoda, Crustacea). A potentially innovative source of Omega-3 LC PUFA. ---- *Journal of the American Oil and Chemical Society* 84, 827-833.

KRAUFVELIN, P. 2007. Responses to nutrient enrichment, wave action and disturbance in rocky shore communities. ---- *Aquatic Botany* 87, 262-274. (Studies in the Solbergstrand mesocosm, Oslofjord, Norway.)

KRAUFVELIN, P., S. SALOVIUS, H. CHRISTIE, F. E. MOY, R. KAREZ & M. F. PEDERSEN 2006. Eutrophication-induced changes in benthic algae affect the behaviour and fitness of the marine amphipod *Gammarus locusta*. ---- *Aquatic Botany* 84, 199-209.

KRISTJANSSON, B. & J. SVAVARSSON 2007. Subglacial refugia in Iceland enabled groundwater amphipods to survive glaciations. ---- *The American Naturalist* 170, 292-296.

- KROHLING, W., D. S. BROTTTO & I. R. ZALMON 2007. Functional role of fouling community in an artificial reef at the northern coast of Rio de Janeiro state, Brazil. ---- *Brazilian Journal of Oceanography* 54 (2006), 193.
- KUMARI, M., K. KANGUR & M. HALDINA 2007. Variation of macrozoobenthos communities in the reed *Phragmites australis* belt of two large shallow lakes. ---- *Proceedings of the Estonian Academy of Sciences, Biology and Ecology* 56, 141-153. (In one of these Estonian lakes, L.Peipsi, the alien amphipod *Gmelinoides fasciatus* is now dominant)
- LAGRUE, C. & L. BOLLACHE 2006. Effects of temperature on persistence times of native and invasive gammarid species in the stomachs of *Cottus gobio*. ---- *Journal of Fish Biology* 68, 318-322.
- LAGRUE, C. & R. POULIN 2007. Life cycle abbreviation in the trematode *Coitocaecum parvum*: can parasites adjust to variable conditions? ---- *The Authors* 20, 1189-1195 (a parasite of i.a *Paracalliope fluviatilis*.)
- LANG, C., T. KRAPP & R. R. MELZER 2007. Postembryonal development in Caprellidae. SEM description and comparison of ready-to-hatch juveniles and adults of two Mediterranean skeleton shrimps (Crustacea: Amphipoda). ---- *Zootaxa* 1605, 1-32. (The species are *Caprella cavediniae* and *C. equilibra*.)
- LARSEN, K. 2007. Amphipoda (Crustacea: Peracarida) from the hydrothermal vent system of the Juan de Fuca ridge, Escabana trough and Gorda Ridge, Northeast Pacific. Part I. Lysianassidae and Sebidae. ---- *Zootaxa* 1445, 1-26. (Deals with *Paronesimus voightae* n.sp. (Juan de Fuca ridge), *Schisturella hansgeorgi* n. sp. (Juan de Fuca ridge), and *Seba bathybi* n.sp. (also Juan de Fuca ridge). Keys to *Paronesimus* and *Schisturella* species are provided.)
- LARSEN, K. & T. KRAPP-SCHICKEL 2007. Amphipoda (Crustacea: Peracarida) from chemically reduced habitats; the hydrothermal vent system of the north-east Pacific. Part II. Melitidae and Eusiridae. ---- *Journal of the Marine Biological Association UK* 87, 1207-1217. (Deals with *Bathyceradocus wuzzae* n.sp. and *Leptamphopus fragilis* n. sp., both from the Juan de Fuca ridge.
- LAUDIEN, J., M. HERRMANN & W. E. ARNTZ 2007. Soft bottom species richness and diversity as a function of depth and iceberg scour in Arctic glacial Kongsfjorden (Svalbard). -- *Polar Biology* 30, 1035-1046..
- LEBLANC, G. A. 2007. Crustacean endocrine toxicology: a review. ---- *Ecotoxicology* 16, 61-81.
- LEFÉBURE, T., C. J. DOUADY, M. GOUY & J. GIBERT 2006. Relationship between morphological taxonomy and molecular divergence within Crustacea. Proposal of a molecular threshold to help delimit species delimitation. ---- *Molecular Phylogenetics and Evolution* 40, 435-447.
- LEFÉBURE, T., C. J. DOUADY, M. GOUY, P. TRONTELJ, J. BRIOLAY & J. GIBERT 2006. Phylogeography of a subterranean amphipod reveals cryptic diversity and dynamic evolution in extreme environments, ---- *Molecular Ecology* 15, 1797-1806. (The material of

*Niphargus virei* fell into three well-defined and geographically isolated groups, possibly of specific value.)

LEFÉBURE, T., C. J. DOUADY, F. MALARD & J. GIBERT 2006. Testing dispersal and cryptic diversity in a widely distributed groundwater amphipod (*Niphargus rhenorhodanensis*). ---- *Molecular Phylogenetics and Evolution* 42, 676-686.

LEUNG, T. L. F. & R. POULIN 2006. Effects of the trematode *Maritrema novaezealandensis* on the behaviour of its amphipod host: adaptive or not? ---- *Journal of Helminthology* 80, 271-275. (A parasite of *Paracalliope novizealandiae*.)

LINSE, K., T. COPE, A.-N. LÖRZ & C. SANDS 2007. Is the Scotia Sea a centre of Antarctic marine diversification? Some evidence of cryptic speciation in the circum-Antarctic bivalve *Lissarca notorcadensis* (Arcoidea: Philobryidae). ---- *Polar Biology* 30, 1059-1068.

LOESEL, R. 2005. The arthropod brain; retracing six hundred million years of evolution. ---- *Arthropod Structure & Development* 34, 207-209.

LÖRZ, A.-N., E. W. MAAS, K. LINSE & G. D. FENWICK 2007. *Epimeria schiaparelli* sp. nov., an amphipod crustacean (family Epimeriidae) from the Ross Sea, Antarctica, with molecular characterisation of the species complex. ---- *Zootaxa* 1402, 23-37. (*E. schiaparelli* n.sp. from 71°37'S, 170°55'E; the species resembles *E. similis* and *E. macrodonta*. A lectotype is chosen for *E. macrodonta*, as the type series contains several species.)

LOWRY, J. K. & R. T. SPRINGTHORPE 2007. A revision of the tropical/temperate amphipod genus *Dulichchiella* Stout, 1912, and the description of a new Atlantic genus *Verdeia* gen. nov. (Crustacea: Amphipoda: Melitidae). ---- *Zootaxa* 1424, 1-62. (This important revision deals with *Dulichchiella anisochir*, *D. appendiculata*, *D. australis*, *D. cotesi* (transferred from *Melita*), *D. cuvettensis*, *D. fresneli*, *D. guinea* n.sp. (Kaloum peninsula, Guinée), *D. lecroyae* n.sp. (Tarpon Springs, Florida), *D. oahu* n. sp. (Oahu, Hawaiian Isl.), *D. pacifica*, *D. spinosa*, *D. terminus* n. sp. (Campeche bay, Mexico), *D. tomioka* n.sp. (Amakusa, Kyushu, Japan), and *D. tular* n. sp. (Tuléar, Madagascar). The new genus *Verdeia* contains *V. grandimana* (Chevreux) and *V. subchelata* (Schellenberg), both transferred from *Melita*, the latter is the type species of *Verdeia*.)

LUQUE, J. L., L. M. BANNOCK, C. LAGRUE & R. POULIN 2007. Larval *Hysterothylacium* sp. (Nematoda, Anisakidae) and trematode metacercariae from the amphipod *Paracorophium excavatum* (Corophiidae) in New Zealand. ---- *Acta Parasitologica* 52, 146-150.

MACEDO, I. M., B. P. MASI & I. R. ZALMON 2006. Comparison of rocky intertidal community sampling methods at the northern coast of Rio de Janeiro state. ---- *Brazilian Journal of Oceanography* 54, 147-154.

MACEDO-SOUSA, J. M., J. L. T. PESTANA, A. GERHARDT, A. J. A. NOGUEIRA & A. M. V. M. SOARES 2007. Behavioural and feeding responses of *Echinogammarus meridionalis* (Crustacea, Amphipoda) to acid mine drainage. ---- *Chemosphere* 67, 1663-1670.

- MACNAUGHTON, M. O., J. THORMAR & J. BERGE 2007. Sympagic amphipods in the Arctic pack ice: redescrptions of *Eusirus holmii* Hansen, 1887 and *Pleusymtes karstensi* (Barnard, 1959). ---- *Polar Biology* 30, 1013-1025.
- MALLATT, J. M. & G. GIRIBET 2006. Further use of nearly complete 28S and 18S rRNA genes to classify Ecdyozoa: 37 more arthropods and a kinorhynch. ---- *Molecular Phylogenetics and Evolution* 40, 772-794.
- MARTIN, J. W. & G. E. DAVIS 2006. Historical trends in crustacean systematics.. ---- *Crustaceana* 79, 1347-1368.
- MARTIN, O. Y. & M. J. G. GAGE 2007. Evolutionary conflicts: rapid suppression of a male-killer. ---- *Current Biology* 17, 849-851. (About *Wolbachia* bacteria, that also infest amphipods)
- MASCIOPINTO, C., F. SEMERARO, R. LA MARTIA, S. INGUSCIO & E. ROSSI 2006. Stygofauna abundance and distribution in the fissures and caves of the Nardò (Southern Italy) fractured aquifer subject to reclaimed water injections. ---- *Geomicrobiology Journal* 23, 267-278.
- MATAFONOV, D. V. 2007. (Ecology of *Gammarus lacustris* Sars (Crustacea: Amphipoda) in Transbaikalian water bodies). ---- *Biology Bulletin* 34, 148-155. (In Russian, not seen.)
- MATIAS, M. G., A. J. UNDERWOOD & R. A. COLEMAN 2007. Interactions of components of habitats alter composition and variability of assemblages. ---- *Journal of Animal Ecology* 76, 986-994.
- MAUTNER, S. I., K. A. COOK, M. R. FORBES, D. G. McCURDY & A. M. DUNN 2007. Evidence for sex ratio distortion by a new microsporidian parasite of a Corophiid amphipod. ---- *Parasitology* 134, 1567-1573. (*Corophium volutator* in the Bay of Fundy, Canada)
- McGRATH, K. E., E. T. H. M. PEETERS, J. A. J. BEIJER & M. SCHEFFER 2007. Habitat-mediated cannibalism and microhabitat restriction in the stream invertebrate *Gammarus pulex*. ---- *Hydrobiologia* 589, 155-164.
- McLACHLAN, A & A. DORVLO 2007. Species-area relationships for sandy beach macrobenthos in the context of intertidal width. ---- *Oceanologia* 49, 91-98.
- MEDOC, V., L. BOLLACHE & J.-N. BEISEL 2006. Host manipulation of a freshwater crustacean (*Gammarus roeseli*) by an acanthocephalan parasite (*Polymorphus minutus*) in a biological invasion context. ---- *International Journal for Parasitology* 36, 1351-1358.
- MELO, S. L. R. & M. NIPPER 2007. Sediment toxicity tests using the burrowing amphipod *Tiburonella viscana* (Amphipoda: Platyischnopidae). ---- *Ecotoxicology and Environmental Safety* 66, 412-420.
- MENDONCA, V. M., D. G. RAFFAELLI & P. R. BOYLE 2007. Interactions between shorebirds and benthic invertebrates at Culbin Sands lagoon, NE Scotland. Effects of avian predation on their prey community density and structure. ---- *Scientia Marina* 71, 579-591.



- MESHER, C. 2007. Acute versus medium-term exposure to changing salinity in the amphipod *Corophium volutator*. ---- *Comparative Biochemistry and Physiology A* 146, 180-181.
- MESSOULI, M. 2006. The first African member of the family Crangonyctidae, *Crangonyx africanus*, sp. nov. (Crustacea, Amphipoda) in the groundwaters of Western Morocco: systematics and biogeographical implications. ---- *Subterranean Biology* 4, 55-66. (Not seen)
- MESSOULI, M., J. R. HOLSINGER & Y. RANGA REDDY 2007. Kotumsaridae, a new family of subterranean amphipod crustaceans from India, with description of *Kotumsaria bastarensis*, new genus, new species. ---- *Zootaxa* 1589, 33-4 . (*Kotumsaria bastarensis* n.gen, n.sp. was found in Kotumsar Cave, Chhattisgarh, India; it belongs in the vicinity of other southern Crangonyctoidea, but its precise affinities remain unclear.)
- MESSOULI, M., G. MESSANA & M. YACOUBI-KHEBIZA 2006. Three new species of *Pseudoniphargus* (Amphipoda), from the groundwater of three Mediterranean islands. ---- *Subterranean Biology* 4, 79-101. (Not seen. The new species are: *P. duplus* (Portopalo, Sicilia), *P. planasiae* (Pianosa Island, Tuscany, Italia) and *P. obritus* (Baie de Caspio, Corsica).)
- MICHEL, K., S. NAUWELAERTS & E. STAMHUIS 2007. Is the Japanese skeleton shrimp *Caprella mutica* a filter feeder? I. Head morphology and kinematics. ---- *Comparative Biochemistry and Physiology A* 146, 125. (Abstract only. Technically possible, acc. to the authors. Is there a part 2? WV)
- MILLS, C. L., D. H. SHUKLA & G. J. COMPTON 2006. Development of a new low cost sensitivity system for behavioural ecotoxicity testing. ---- *Aquatic Toxicology* 77, 197-201. (Using *Gammarus pulex*)
- MØLLER, A. P. 2006. A review of developmental instability, parasitism and disease. ---- *Infection, Genetics and Evolution*. 6, 133-140.
- MOORE, M. T., R. E. LIZOTTE Jr & S. SMITH Jr 2007. Responses of *Hyaella azteca* to a pyrethroid mixture in a constructed wetland. ---- *Bulletin of Environmental Contamination and Toxicology* 78, 245-248.
- MORET, Y., L. BOLLACHE, R. WATTIER & T. RIGAUD 2007. Is the host or the parasite the most locally adapted in an amphipod-acanthocephalan relationship? A case study in a biological context. ---- *International Journal for Parasitology* 37, 637-644. (*Pomphorhynchus laevis* in *Gammarus roeselii*.)
- MOTOYAMA, K., Y. HAMADA, Y. NAGASHIMA & K. SHIOMI 2007. Allergenicity and allergens of amphipods found in nori (dried laver). ---- *Food Additives and Contaminants* 24, 917-922. (Nori is dried *Porphyra*; amphipods may be present in the produce and cause allergic reactions.)
- MUNGUÍA, P. 2007. Spatial structure of communities on dead pen shells (*Atrina rigida*) in sea grass beds. ---- *Marine Biology, Berlin* 152, 149-156. (i.a. *Ampithoe longimana* and *Dulichella appendiculata*.)

MUNGUIA, P., C. MACKIE & D. R. LEVITAN 2007. The influence of stage-dependent dispersal on the population dynamics of three amphipod species. ---- *Oecologia* 153, 533-541. (The amphipod species are *Bemlos unicornis*, *Melita nitida* and *Neomegamphopus hiatus*, all living on the shell of *Atrina rigida* in the gulf of Mexico.)

MUSKO, I. B., C. BALOGH, A. P. TOTH, E. VARGA & G. LAKATOS 2007. Differential response of invasive malacostracan species to lake level fluctuations. ---- *Hydrobiologia* 590, 65-74. (A study from lake Balaton, Hungary)

NEIGEL, J. & B. MAHON 2007. *Molecular approaches in crustacean evolutionary ecology*. ---- Pp 48-69 in J. E. Duffy & M. Thiel (eds). *Evolutionary ecology of social and sexual systems. Crustaceans as model organisms*. Oxford University Press, 502 pp

NEVES, F. M. & C. E. BENVENUTI 2006. Spatial distribution of macrobenthic fauna on three sandy beaches from northern Rio Grande do Sul, southern Brazil. ---- *Brazilian Journal of Oceanography* 54, 135-145.

NORDERHAUG, K. M., H. CHRISTIE & S. FREDRIKSEN 2007. Is habitat size an important factor for faunal abundances on kelp (*Laminaria hyperborea*)? ---- *Journal of Sea Research* 58, 120-124. (For macrofauna yes, for meiofauna probably not)

NORMANT, M., M. FEIKE, A. SZANIAWSKA & G. GRAF 2007. Adaptation of *Gammarus tigrinus* Sexton, 1939 to new environments---Some metabolic investigations. ---- *Thermochimica Acta* 458, 107-111.

NORMANT, M., J. KORTHALS & A. SZANIAWSKA 2007. Epibiota associated with setae on Chinese Mitten Crab claws (*Eriocheir sinensis* H. Milne-Edwards, 1853). A first record. -- *Oceanologia* 49, 137-143. (Juvenile amphipods were found)

NORWOOD, W. P., U. BORGMANN & D. G. DIXON 2007. Interactive effects of metals in mixtures on bioaccumulation in the amphipod *Hyaella azteca*. ---- *Aquatic Toxicology* 84, 255-267.

NUNOMURA, N. 2005. Terrestrial isopod and amphipod crustaceans from the Akasaka Imperial gardens, Tokyo, Japan. ---- *Memoirs of the National Science Museum* 39, 491-494. (In Japanese, not seen)

NYGÅRD, H., J. BERGE, B. GULLIKSEN & L. CAMUS 2007. The occurrence of *Eualus gaimardii gibba* Krøyer 1841 (Crustacea, Decapoda) in the sympagic habitat: an example of benthos-sympagic coupling. ---- *Polar Biology* 30, 1351-1354. (With data on ice amphipods)

ØKLAND, K. A. & J. ØKLAND 2007. (The common freshwater amphipod *Gammarus lacustris* in Norway—a review of its distribution and ecology.) ---- *Fauna, Oslo* 60, 10-19. (In Norwegian)

ØKLAND, K. A. & J. ØKLAND 2007. Occurrence of the common freshwater amphipod *Gammarus lacustris* in a lowland county in Norway. ---- *Fauna, Oslo* 60, 20-26. (In Norwegian)

OLSEN, G. H. 2007. *Effects of petroleum-related compounds on Arctic and temperate species at multiple levels of biological organization*. ---- Ph.D. Thesis, Univ. of Tromsø, Nov. 2007. (work on i.a. *Gammarus setosus*, *G. wilkitzkii* and *Onisimus littoralis*.)

OLSEN, G. H. , M. L. CARROLL, P. E. RENAUD, W. G. AMBROSE Jr, R. OLSSØN & J. CARROLL 2007. Benthic community response to petroleum-associated components in Arctic versus temperate marine sediments. ---- *Marine Biology* 151, 2167-2176.

OLSEN, G. H., E. SVA, J. CARROLL, L. CAMUS, W. DE COEN, R. SMOLDERS, H. ØVERAAS & K. HYLLAND 2007. Alterations in energy budget of Arctic benthic species exposed to oil-related compounds. ---- *Aquatic Toxicology* 83, 85-92.

ORTIZ, M., R. JIMENEZ & I. WINFIELD 2007. (New species of *Westwoodilla* (Peracarida. Amphipoda: Oedicerotidae), and first report for the genus in the South-American Pacific.) ---- *Revista Mexicana de Biodiversidad* 78, 319-323. (In Spanish. *Westwoodilla cayapa* n.sp. from Guyayaquil province, Ecuador.)

ORTIZ, M., R. LALANA & C. VARELA 2007. (A new genus and a new species of sponge-living amphipod (Gammaridea: Eusiridae) from deep water off S. Cuba.) ---- *Solenodon* 6, 8-14. (In Spanish. *Pleusiroides alcoladoi* n.gen., n. sp. from the sponge *Lefroyella* at Cayo Matias, 580m deep. The new genus is close to *Eusiroides*.)

ORTIZ, M., R. LALANA & C. VARELA 2007. (*Tantena*, a new genus and species of marine amphipod (Lysianassidae) and first record of the family Ochlesidae and the genus *Curidia*, with the description of a new species from Cuba (Amphipoda, Gammaridea). ---- *Solenodon* 6, 20-32. (In Spanish. *Tantena zladarskii* n.gen, n. sp. from Playa Baracoa, La Habana, Cuba; *Curidia monicae* n.sp. from the same locality.)

ORTIZ, M., R. LALANA & C. VARELA 2007. (First record of the genus *Aristias* (Amphipoda: Aristiidae) in the Caribbean, with the description of a new species). ---- *Solenodon* 6, 33-40. (In Spanish. *A. bicornuta* n.sp. from the sponge *Lefroyella*, Archipelago de Los Cabarreos, Cuba)

ORTIZ, M., A. MARTIN & Y. J. DIAZ 2007. (Checklist and references of the Amphipod Crustaceans (Gammaridea) from tropical waters). ---- *Revista de Biología Tropical* 55, 479-498. (In Spanish. This very useful checklist concerns the amphipods of the tropical W.Atlantic.)

OTHMAN, B. H. R. & B. A. R. AZMAN 2007. A new species of Talitridae (Amphipoda: Gammaridea) from Tioman Island, Malaysia. ---- *Zootaxa* 1454, 59-68. (*Talorchestia morinoi* n.sp. from Tionam Island, Malaysia)

OTHMAN, B. H. R. & H. MORINO 2007. *Listriella longipalma* sp. nov., a new amphipod species (Crustacea, Liljeborgiidae) from the Straits of Melaka, Malaysia. ---- *Zootaxa* 1305, 21-32. (Not seen)

ÖZBEK, M. & E. T. TOPKARA 2007. Supplementary data on morphology, distribution, and ecology of *Gammarus dorsosetosus* Mateus & Mateus, 1990 (Amphipoda, Gammaridae). ---- *Crustaceana* 80, 641-653.

- ÖZBEK, M. & M. R. USTAOGU 2006. Checklist of Malacostraca (Crustacea) species of Turkish inland waters. ---- *Ege University Journal of Fisheries & Aquatic Sciences* 23, 229-234. (Amph. pp 230-231.)
- ÖZBEK, M. & M. R. USTAOGU 2007. *Echinogammarus baliki* sp. nov., a new species of amphipod from Turkey (Amphipoda, Gammaridae). ---- *Crustaceana* 80, 1043-1055. (Found in lake Akgöl, Izmir vilayet)
- PANOV, V. E., Y. YU. DGEBUADZE, T. A. SHIGANOVA, AQ. A. FILIPPOV & D. MINCHIN 2007. *A risk assessment of biological invasions in the inland waterways of Europe: the Northern Invasion Corridor case study*. ---- Chapter 35, pp 639-656 in F. Gherardi (ed.) *Biological invaders in inland waters: Profiles, distribution and threats*. Springer Netherlands.
- PAVESI, L., V. IANNILLI, P. ZARATTINI & E. DE MATTHAEIS 2007. Temporal and spatial distribution of three supralittoral amphipod species on a sandy beach of central Italy. -- *Marine Biology, Berlin* 151, 1585-1595. (*Talitrus saltator*, *Orchestia gammarellus* (the authors write *gammarella*) and *Platorchestia platensis*).
- PEART, R. A. 2006. A revision of *Pseudopleonexes* Conlan, 1982 (Crustacea: Amphipoda: Ampithoidae) from Australia with description of three new species from Australia. ---- *Zootaxa* 1344, 1-22. (Not seen, The three new spp are *P. burney*, *P. just* and *P. nexis*.)
- PEART, R. A., 2007. A review of Australian *Cymadusa* (Crustacea: Amphipoda: Ampithoidae) with descriptions of eight new species. ---- *Zootaxa* 1540, 1-53. (Deals with *Cymadusa chuawe* n.sp. (W.Austr.), *C. elegantis* n.sp. (Bruny Island, Tas), *C. heronensis* n. sp. (Heron Island, Qld), *C. imbroglia*, *C. jügurru* n. sp. (Lizard Island, Qld), *C. munnu*, *C. pemptos* n. sp. (Spencer Gulf, S.Austr.), *C. setosa*, *C. tattersalli*, *C. thagaay* n.sp. (Lizard Island, Qld), *C. tishana* n.sp. (Dampier Archipelago, W.Austr.), and *C. wistari* n.sp. (Heron island, Qld). A key to adult males is provided.)
- PEART, R. A. 2007. A review of the Australian species of *Ampithoe* Leach, 1814 (Crustacea: Amphipoda: Ampithoidae) with descriptions of seventeen new species. ---- *Zootaxa* 1566, 1-95. (Another great monographic revision, daling with the following species: *Ampithoe boiana* n. sp. (Bay of Islands, Vic), *A. caddi*, *A. cookana* n.sp. (Cook Island, NSW), *A. eremitis* n. sp. (Coffs Harbour, NSW), *A. geographe* n. sp. (Yallingup, W.Austr.), *A. hiana* n. sp. (Heron Island, Qld), *A. hyalos* n.sp. (Port Jackson, NSW), *A. katae* n. sp. (Lizard Island, Qld), *A. kava*, *A. meganae* n. sp. (Lizard Island, Qld), *A. merimbula* n. sp. (Merimbula, NSW), *A. ngana*, *A. ningaloo* n. sp. (Ningaloo Reef, W.Austr.), *A. parakava* n. sp. ((Dampier Archipelago, W.Austr.), *A. peronana* n. sp. (Cape Peron, W.Austr.), *A. pseudongana* n. sp. (Cape Naturaliste, W.Austr.), *A. roly* n. sp. (Dampier Archipelago, W.Austr.), *A. rosema* n. sp. (Dampier Archipelago, W.Austr.), *A. rotunda* n. sp. (Heron Island, Qld), and *A. ulladulla* n. sp. (Ulladulla, NSW). A key to adult males is provided)
- PÉREZ, V., M. A. MARQUIEGUI & M. J. BELZUNCE 2007. Life history and production of *Corophium urdaibaiense* (Crustacea: Amphipoda) in the Urdaibai estuary (NE Spain). ---- *Marine Biology* 151, 1163-1174.
- PERROT-MINOT, M.-J., N. KALONSKI & F. CÉZILLY 2007. Increased susceptibility to predation and altered anti-predator behaviour in an acanthocephalan-infected amphipod. ----

*International Journal for Parasitology* 37, 645-651. (*Pomphorhynchus tereticollis* in *Gammarus pulex*.)

PISCART, C., A. MANCH, G. H. COPP & P. MARMONIER 2007. Distribution and microhabitats of native and non-native gammarids (Amphipoda, Crustacea) in Brittany, with particular reference to the endangered sub-species *Gammarus duebeni celticus*. ---- *Journal of Biogeography* 34, 524-533. (Deals also with *Gammarus pulex*, *G. tigrinus* and *Echinogammarus berilloni*.)

PISCART, C., D. WEBB & J. N. BEISEL 2007. An acanthocephalan parasite increases the salinity tolerance of the freshwater amphipod *Gammarus roeseli* (Crustacea: Gammaridae). -- -- *Naturwissenschaften* 94, 741-747.

PLATVOET, D. 2007. *Dikerogammarus villosus* (Sowinsky, 1894), an amphipod with a bite. ---- PhD Thesis, Univ. of Amsterdam, 196 pp. (Dirk Platvoet defended this thesis in Amsterdam in October 2007. It is a wonderful book, full of new results and original ideas, and Dirk can be justly proud of what he has achieved!)

PÖCKL, M. 2007. Strategies of a successful new invader in European fresh water: fecundity and reproductive potential of the Ponto-Caspian amphipod *Dikerogammarus villosus* in the Austrian Danube, compared with the indigenous *Gammarus fossarum* and *G. roeseli*. ---- *Freshwater Biology* 52, 50-63.

PORTER, M. L. 2007. Subterranean biogeography: what have we learned from molecular techniques? ---- *Journal of Cave and Karst Studies* 69, 179-186.

PRATO, E. & F. BIANCOLINO 2006. Life history of the amphipod *Corophium insidiosum* (Crustacea: Amphipoda) from Mar Piccolo (Ionian Sea, Italy). ---- *Scientia Marina* 70, 355-362.

RAUQUE, C. A. & L. SEMENAS 2007. Infection pattern of two sympatric acanthocephalan species in the amphipod *Hyaella patagonica* (Amphipoda: Hyaellidae) from lake Mascardi (Patagonia, Argentina). ---- *Parasitological Research* 100, 1271-1276.

RÉ, A., A. M. RODRIGUES & V. QUINTINO 2007. Acute toxicity testing with the European estuarine amphipod *Corophium multisetosum*. ---- *Hydrobiologia* 587, 89-99.

REES, D. J., F. DUFRESNE, H. GLÉMET & C. BELZILE 2007. Amphipod genome sizes: first estimates for Arctic species reveal genomic giants. ---- *Genomics* 50, 151-158. (Data on 8 spp of amphipods from the Canadian Arctic. *Ampelisca macrocephala* has 64.62, by far the largest genome size of any crustacean investigated!)

REHM, P. & E. RACHOR 2007. Benthic macrofauna communities of the submersed Pleistocene Elbe valley in the southern North Sea. ---- *Helgoland Marine Research* 61, 127-134.

REHM, P., S. THATJE, U. MÜHLENHARDT-SIEGEL & A. BRANDT 2007. Composition and distribution of the peracarid crustacean fauna along a latitudinal transect off Victoria Land (Ross Sea, Antarctica) with special emphasis on the Cumacea. ---- *Polar Biology*, 30, 871-881. (This area has a much richer fauna than previously believed)

RICCIARDI, A. & J. COHEN 2007. The invasiveness of an introduced species doesn't predict its impact. ---- *Biological Invasions* 9, 309-315.

RICHARDS, V. P., J. D. THOMAS, M. J. STANHOPE & M. S. SHIVI 2007. Genetic connectivity in the Florida reef system: comparative phylogeography of commensal invertebrates with contrasting reproductive strategies.. ---- *Molecular Ecology* 16, 139-157. (i.a. *Leucothoe ashleyae* and *L. kensleyi* from sponges; both showed surprisingly high gene flow along the Florida reef system, but much less between Florida and Belize.)

RIEL, M. C. van, E. P. HEALY, G. van der VELDE & A. bij de VAATE 2007. Interference competition among native and invader amphipods. --- *Acta Oecologica* 31, 282-289. (Aquarium experiments involving *Gammarus pulex*, *G. roeseli*, *G. tigrinus* and *Dikerogammarus villosus*.)

RIISGAARD, H. U. 2007. Biomechanics and energy cost of the amphipod *Corophium volutator* filter-pump. ---- *The Biological Bulletin* 212, 104-114.

RIISGAARD, H. U., J. LASSEN, M. KORTEGAARD, L. F. MØLLER, M. FRIEDRICH, M. H. JENSEN & P. S. LARSEN 2007. Interplay between filter-feeding zoobenthos and hydrodynamics in the shallow Odense Fjord (Denmark)—Earlier and recent studies, perspectives and modelling. ---- *Estuarine, Coastal and Shelf Science* 75, 281-295.

RIISGÅRD, H. U. & P. SCHOTGE 2007. Surface deposit feeding versus filter feeding in the amphipod *Corophium volutator*. ---- *Marine Biology Research* 3, 421-427.

RINGENARY, M., A. MOLOF, J. TANACREDI, M. SCHREIBMAN & K. KOSTAREKOS 2007. Long-term bioassay of lead toxicity in two generations of the marine amphipod *Elasmopus laevis* (S. I. Smith, 1873). ---- *Environmental Toxicity and Chemistry* XX, ??-??.

RIOS, P. de los, E. HAUENSTEIN, P. AVECEDO & X. JAQUE 2007. Littoral crustaceans on mountain lakes of Huerquehue National Park (38°S, Araucania region, Chile). ---- *Crustaceana* 80, 401-410. (i.a. *Hyaella araucana*)

ROBAR, N. D. P. & D. J. HAMILTON 2007. A method for estimating habitat use by shorebirds using footprints. ---- *Waterbirds* 30, 116-120.

ROBERTS, D. A., A. G. B. POORE & E. L. JOHNSTON 2007. MBACI sampling of an episodic disturbance: Stormwater effects on algal epifauna. ---- *Marine Environmental Research* 64, 514-523. (An Australian study. MBACI stands for Multiple before-and-after Control Impact.)

ROCK, J., J. IRONSIDE, T. POTTER, N. M. WHITELEY & D. H. LUNT 2007. Phylogeography and environmental diversification of a highly adaptable marine amphipod, *Gammarus duebeni*. ---- *Heredity* 99, 102-111. (The study confirms the differences between the freshwater forms and the rest.)

ROMAN, Y. E., K. A. C. DE SCHAMPHELAERE, L. T. H. NGUYEN & C. R. JANSSEN 2007. Chronic toxicity of copper to five benthic invertebrates in laboratory-formulated

sediment: Sensitivity, comparison and preliminary risk assessment. ---- *Science of the Total Environment* 387, 128-140. ( i.a. *Gammarus pulex* and *Hyaella azteca*)

RUDOLF, V. H. W. & J. ANTONOVICS 2007. Disease transmission by cannibalism: rare event or common occurrence? ---- *Proceedings of the Royal Society B* 274, 1205-1210. (Amphipods and their microsporidians have been mentioned as one possible example)

SANCHEZ-MOYANA, J. E., I. GARCIA-ASENCIO & J. C. GARCIA-GOMEZ 2007. Effects of temporal variation of the seaweed *Caulerpa prolifera* cover on the associated crustacean community. ---- *Marine Ecology* 28, 324-337. (Not seen)

SAVOIE, L., G. MIRON & M. BIRON 2007. Fouling community of the Snow Crab *Chionoecetes opilio* in Atlantic Canada. ---- *Journal of Crustacean Biology* 27, 30-36.

SCAPINI, F. 2006. Keynote papers on sandhopper orientation and navigation. ---- *Marine and Freshwater Behaviour and Physiology* 39, 73-85. (Not seen)

SCARLETT, A., M. N. CANTY, E. L. SMITH, S. J. ROWLAND & T. S. GALLOWAY 2007. Can amphipod behaviour help to predict chronic toxicity of sediments? ---- *Human and Ecological Risk Assessment* 13, 506-518. (To a certain degree yes, according to these authors. Studies on *Corophium volutator*.)

SCHLACHER, T. A., J. DUGAN, D. S. SCHOEMAN, M. LASTRA, A. JONES, F. SCAPINI, A. McLACHLAN & O. DELEO 2007. Sandy beaches at the brink. ---- *Diversity and Distributions* 13, 556-560.

SCINTO, A., C. BENVENUTO, C. CERRANO & M. MORI 2007. Seasonal cycle of *Jassa marmorata* Holmes, 1903 (Amphipoda) in the Ligurian Sea (Mediterranean, Italy). ---- *Journal of Crustacean Biology* 27, 212-216.

SENNA, A. R. & C. S. SEREJO 2007. Two new species of *Quadrimaera* (Crustacea: Amphipoda: Melitidae) from Atol das Rocas, Brazil. ---- *Zootaxa* 1593, 55-67. (Not seen. *Q. chaelata* n. sp and *Q. rocasensis* n. sp.)

SEZGIN, M., K. BAKIR & T. KATAGAN 2007. New record of a Lessepsian amphipod from the Levantine coast of Turkey: *Elasmopus pecteniscrus* (Bate, 1862). ---- *Crustaceana* 80, 247-251.

SEZGIN, M. & T. KATAGAN 2007. An account of our knowledge of the amphipod fauna of the Black Sea. ---- *Crustaceana* 80, 1-11. (A most useful survey of our knowledge of Black Sea amphipods. 88 species are listed.)

SEZGIN, M., T. KATAGAN & L. BAT 2007. The occurrence of *Idunella nana* (Schiecke, 1973) in the eastern Mediterranean. ---- *Crustaceana* 80, 375-378.

SHEADER, M. & C. L. VAN DOVER 2007. Temporal and spatial variation in the reproductive ecology of the vent-endemic amphipod *Ventiella sulfuris* in the eastern Pacific. - --- *Marine Ecology Progress Series* 331, 181-194.

SHUHAIMI-OTHTMAN, M. & D. PASCOE 2007. Bioconcentration and depuration of copper, cadmium, and zinc mixtures by the freshwater amphipod *Hyaella azteca*. ---- *Ecotoxicology and Environmental Safety* 66, 29-35.

SHUSTER, S. M. 2007. *The evolution of crustacean mating systems*. ---- Pp 29- 47 in J. E. Duffy & M. Thiel (eds). *Evolutionary ecology of social and sexual systems. Crustaceans as model organisms*. Oxford University Press, 502 pp

SIDOROV, D. A. 2006. (A new species of the genus *Pseudocrangonyx* (Crustacea, Amphipoda, Pseudocrangonyctidae) from Primory (Russia).) ---- *Zooligichesky Zhurnal* 85, 1486-1494. (In Russian. *P. korkiskorum* n.sp.. A synoptic key to all *Pseudocrangonyx* spp is provided.)

SIDOROV, D. & J. R. HOLSINGER 2007. *Procrangonyx stygoedincus*, a new species of subterranean amphipod (Pseudocrangonyctidae) from the far east of Russia, with remarks on biogeographic relationships. ---- *Crustaceana* 80, 417-430.

SIDOROV, D. A. & J. R. HOLSINGER 2007. *Amurocrangonyx*, a new genus of subterranean amphipod (Crangonyctidae) from the Russian far east, with a redescription of the poorly known *Crangonyx arsenjevi* and comments on biogeographic relationships. ---- *Journal of Crustacean Biology* 27, 660-669. (The new genus *Amurocrangonyx* is based on *Crangonyx arsenjevi*; the genus is morphologically close to *Crangonyx*)

SIMCIC, T. & A. BRANCELJ 2007. The effect of light on oxygen consumption in two amphipod crustaceans—the hypogean *Niphargus stygius* and the epigean *Gammarus fossarum*. – *Marine and Freshwater Behaviour and Physiology* 40, 141-150.

SJØTUN, K., S. T. EGGEREIDE & T. HØISÆTER 2007. Grazer-controlled recruitment of the introduced *Sargassum muticum* (Phaeophyceae, Fucales) in northern Europe. ---- *Marine Ecology Progress Series* 342, 127-138.

SMALE, D. A., D. K. A. BARNES, K. P. P. FRASER, P. J. MANN & M. P. BROWN 2007. Scavenging in Antarctica: Intense variation between sites and seasons in shallow benthic necrophagy. ---- *Journal of Experimental Marine Biology and Ecology* 349, 404-417.

SMIT, M. G. D., B. J. KATER, R. J. JAK & M. J. v. d. HEUVEL-GREVE 2006. Translating bioassay results to field population responses using a Leslie-matrix model for the marine amphipod *Corophium volutator*. ---- *Ecological Modelling* 196, 515-526.

SON, T.C. van & M. THIEL 2007. *Anthropogenic stressors and their effects on the behaviour of aquatic crustaceans*. ---- Pp 413-441 in J. E. Duffy & M. Thiel (eds). *Evolutionary ecology of social and sexual systems. Crustaceans as model organisms*. Oxford University Press, 502 pp

SOTKA, E. E. 2007. Restricted host use by the herbivorous amphipod *Peramphithoe tea* is motivated by food quality and abiotic refuge. ---- *Marine Biology, Berlin* 151, 1831-1838.

SOTO, L. A. & A. CORONA 2007. *Gammaropsis (Podoceropsis) grasslei* (Amphipoda: Photidae) a new species of commensal amphipod of the deep-water lithodid *Neolithodes diomedea* from the Guaymas Basin, Gulf of California. ---- *Zootaxa* 1406, 33-39.



STRAUSFELD, N. J. 2005. The evolution of crustacean and insect optic lobes and the origins of chiasmata. ---- *Arthropod Structure and Development* 34, 235-256.

STREFTARIS, N. & A. ZENETOS 2006. Alien marine species in the Mediterranean—the 100 ‘worst invasives’ and their impact. ---- *Mediterranean Marine Science* 7, 87-118 (The only amphipod here is *Elasmopus pecteniscrus*)

STREFTARIS, N., A. ZENETOS & E. PAPATHANASSIOU 2005. Globalisation in marine ecosystems: the story of non-indigenous marine species across European seas. ---- *Oceanography and Marine Biology; An Annual Review* 43, 419-453.

SUONTAMA, J., Ø. KARLSEN, M. MOREN, G.-I. HEMRE, W. MELLE, E. LANGMYHR, H. MUNDHEIM, E. RINGØ & R. E. OLSEN 2007. Growth, feed conversion and chemical composition of Atlantic salmon (*Salmo salar* L.) and Atlantic Halibut (*Hippoglossus hippoglossus* L.) fed diets supplemented with krill or amphipods. ---- *Aquaculture Nutrition* 13, 241-255.

SUONTAMA, J., A. KIESSLING, W. MELLE, R. WAAGBØ & R. E. OLSEN 2007. Protein from Northern krill (*Thysanoessa inermis*), Antarctic krill (*Euphausia superba*) and the Arctic amphipod (*Themisto libellula*) can partially replace fish meal in diets to Atlantic salmon (*Salmo salar*) without affecting product quality. ---- *Aquaculture Nutrition* 13, 50-58.

SURES, B. & H. RADSZUWEIT 2007. Pollution-induced heat shock protein expression in the amphipod *Gammarus roeseli* is affected by larvae of *Polymorphus minutus* (Acanthocephala). ---- *Journal of Helminthology* 81, 191-197.

SUTHERLAND, D. L., I. D. HOGG & J. R. WAAS 2007. Is size assortative mating in *Paracalliope fluviatilis* (Crustacea: Amphipoda) explained by male-male competition or female choice? ---- *Biological Journal of the Linnean Society* 92, 173-181. (The authors found little evidence for either hypothesis.)

SVENDSEN, T. C., L. CAMUS, B. HARGRAVE, A. FISK, D. C. G. MUIR & K. BORGÅ 2007. Polyaromatic hydrocarbons, chlorinated and brominated organic contaminants as tracers of feeding ecology in polar benthic amphipods. ---- *Marine Ecology Progress Series* 337, 155-164. (*Eurythenes gryllus*, *Anonyx nugax* and *Paramphithoe hystrix*)

TAIN, L., M.-J. PERROT-MINNOT & F. CÉZILLY 2006. Altered host behaviour and brain serotonergic activity caused by acanthocephalans: evidence for specificity. ---- *Proceedings of the Royal Society B* 273, 3039-3045.

TAIN, L., M.-J. PERROT-MINNOT & F. CÉZILLY 2007. Differential influence of *Pomphorhynchus laevis* (Acanthocephala) on brain serotonergic activity in two congeneric host species. ---- *Biology Letters* 3, 68-71 (The hosts are *Gammarus pulex* and *G. roeseli*, the former is much stronger affected.)

TAKEDA, M. & M. OGINE 2005. Record of a whale louse, *Cyamus scammoni* Dall (Crustacea: Amphipoda: Cyamidae), from the Gray Whale strayed into Tokyo Bay, the Pacific coast of Japan. ---- *Bulletin of the National Science Museum A* 31, 151-156. (Not seen)

TAKEUCHI, I. & J. K. LOWRY 2007. Description of *Metaprotella haswelliana* (Mayer, 1882) (Crustacea, Amphipoda: Caprellidae) from Western Australia with designation of a neotype. ---- *Zootaxa* 1466, 11-18. (not seen)

TAKEUCHI, I. & J. K. LOWRY 2007. Redescription of *Orthoprotella mayeri* K. H. Barnard, 1916 (Crustacea: Amphipoda: Caprellidae) from Cape Province, South Africa and description of *O. berentsae* sp. nov. from New South Wales, Australia. ----- *Zootaxa* 1632, 37-48. (Not seen)

TAKHTEEW, V. V. & A. M. LEVASHKEVICH 2006. (The systematics of the genus *Garjajewia* (Crustacea, Amphipoda) from Lake Baikal with description of a new subspecies.) ---- *Zoologicheskyy Zhurnal* 85, 1422-1432. (In Russian; the new subspecies is *G. cabanisii pleshanovi* n. ssp).

THIEL, M. 2007. *Social behaviour of parent-offspring groups in crustaceans*. ---- Pp 294-318 in J. E. Duffy & M. Thiel (eds). *Evolutionary ecology of social and sexual systems. Crustaceans as model organisms*. Oxford University Press, 502 pp

THIEL, M. & J. E. DUFFY 2007. *The behavioural ecology of crustaceans. A primer in taxonomy, morphology, and biology*. ---- Pp 3-28 in J. E. Duffy & M. Thiel (eds). *Evolutionary ecology of social and sexual systems. Crustaceans as model organisms*. Oxford University Press, 502 pp

THIELEN, F., M. MÜNDEL, H. TARASCHEWSKI & B. SURES 2007. Do eel parasites reflect the local crustacean community? A case study from the Rhine river system. ---- *Journal of Helminthology* 81, 179-189. (To a certain degree, yes.)

THOMAS, F., S. ADAMO & J. MOORE 2005. Parasitic manipulation: where are we and where should we go? ---- *Behavioural Processes* 68, 185-199. (Not seen)

THOMAS, J. D. & K. N. KLEBBA 2007. New species and host associations of commensal leucothoid associations from coral reefs in Florida and Belize (Crustacea: Amphipoda). ---- *Zootaxa* 1494, 1-44. (Deals with *Leucothoe barana* n. sp. (Belize, from sponges), *L. flammosa* n.sp. (Key West; Fla, from the bivalve *Lima scabra*, also collected from *Anadara notabilis* and a few other bivalves, in Florida and Belize), *L. saron* n. sp. (Belize, from sponges), *L. ubouhu* n. sp. (Belize, from sponges), and *L. wuriti* n. sp. (Belize, from the tunicate *Phallusia nigra*.)

TIMOFEYEV, M. & Z. SHATILINA 2007. Different preference reactions of three Lake Baikal endemic amphipods to temperature and oxygen are correlated with symbiotic life. ---- *Crustaceana* 80, 129-138. (Deals with *Eulimnogammarus verrucosus*, *E. vittatus* and *Brandtia parasitica*, the latter an associate of sponges, and strongly attracted to sponge fragments.)

TOMIKAWA, K., N. KOBAYASHI, H. MORINO, Z. E. HOU & S. F. MAWATARI 2007. Phylogenetic relationships within the genus *Jesogammarus* (Crustacea, Amphipoda, Anisogammaridae) deduced from mitochondrial COI and 12S sequences. ---- *Zoological Science, Tokyo* 24, 173-180.

TOMIKAWA, K., N. KOBAYASHI, H. MORINO & S. F. MAWATARI 2007. New gammaroid family, genera and species from subterranean waters of Japan, and their phylogenetic relationships (Crustacea: Amphipoda). ---- *Zoological Journal of the Linnean Society* 149, 643-670. (This important paper deals with the Mesogammaridae, to which *Eoniphargus* is transferred, with a redescription of *E. kojimai*, and with *Octopupilla* n. gen. (Mesogammaridae) and its type species *O. felix* n.sp.. The new family Luciobliviidae is monotypic and based on *Lucioblivia kozaensis* n. gen., n. spec.; the new family is compared with the Mesogammaridae and Gammaroporeiidae. Cladistic analyses are presented, based on both morphological and molecular data; they show the Luciobliviidae to be quite close to the Gammaridae s.str, but with many autapomorphies. It should be noted that all new taxa in this paper are authored solely by Tomikawa, and thus read Tomikawa, in Tomikawa et al. 2007)

TOMIKAWA, K. & S. MAWATARI 2006. A new species of the genus *Amathillopsis* (Crustacea: Amphipoda: Amathillopsidae) from Japan. ---- *Species Diversity* 11, 199-207. (*A. takahashiae* n. sp. from off Cape Toi, Miyazaki pref., Japan. A synoptic key to the species is presented.)

TOMIKAWA, K., R. SIOW & S. F. MAWATARI 2007. A new species of the genus *Nuuanu* (Amphipoda, Melitidae) from brackish waters of the Strait of Malacca, Malaysia. ---- *Crustaceana* 80, 357-373. (*N. hanamurai* n.sp. from the mouth of the Merdok river, Kedah, Malaysia.)

TOTH, G. B. 2007. Screening for induced herbivore resistance in Swedish intertidal seaweeds. ---- *Marine Biology, Berlin* 151, 1597-1604. (Tests with the isopod *Idotea*)

TOTH, G. B., M. KARLSSON & H. PAVIA 2007. Mesoherbivores reduce net growth and induce chemical resistance in natural seaweed populations. ---- *Oecologia* 152, 245-255

TOTH, G. B. & H. PAVIA 2007. Induced herbivore resistance in seaweeds: a meta-analysis. - --- *Journal of Ecology* 95, 425-434.

TRONTELJ, P., C. J. DOUADY, C. FISER, J. GIBERT, S. GORICKI, T. LEFÉBURE, B. SKET & V. ZAKSEK 2007. A molecular test for cryptic diversity in ground water: how large are the ranges of macro-stygobionts? ---- *Freshwater Biology* ??, ?-? (The data collected suggest that very small ranges are the rule and that ranges over 200km are extremely rare!!)

TRONTELJ, P., S. GORICKI, S. POLAK, R. VEROVNIK, V. ZAKSEK & B. SKET 2007. Age estimates for some subterranean taxa and lineages in the Dinaric karst. ---- *Acta Carsologica* 36, 183-189. (2 to 5 million years for most lineages)

d'UDEKEM d'ACUZ, C. 2007. The genera *Haliragoides* and *Neohela* in the North Atlantic, with the description of two new deepwater species from Norway and Svalbard (Crustacea: Amphipoda). ---- *Cahiers de Biologie Marine* 48, 17-35. (Deals with *Haliragoides abyssis*, *H. inermis* and *H. niflheimri* n.sp. (Questrenna, N. of Svalbard, 1224m), as well as *Neohela lamia* n.sp. (Questrenna, 1192m), *N. maxima* and *N. monstrosa*. Keys to N. Atlantic species are provided for both genera)

d'UDEKEM d'ACUZ, C. 2007. Systematic, phylogenetic and biological considerations on the genera *Bathyporeia*, *Amphiporeia*, *Pontoporeia* and *Priscillina*, with redescription of the West-Atlantic *Bathyporeia* species and description of a new *Priscillina* from Svalbard

(Crustacea, Amphipoda). ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie* 76, 33-110. (This long and rich paper contains cladistic analyses of the species within *Bathyporeia*, as well as of the position of the genus. As a result, the family Bathyporeiidae is validated for *Bathyporeia* and *Amphiporeia*, while a family Priscillinidae is erected for *Priscillina*. The species *Bathyporeia parkeri* and *B. quoddyensis* are redescribed, and the paper also contains redescrptions of *Amphiporeia virginiana* and *Pontoporeia femorata*, as well as the description of *Priscillina herrmani* n.sp. from Ny-Ålesund, Svalbard. There is an interesting discussion concerning the systematics and classification of the gammaridean amphipods.)

d'UDEKEM d'ACUZ, C., W. VADER & J. LEGEZYNSKA 2007. On a new diminutive *Rhachotropis* species from the North Sea, with a key to European *Rhachotropis* (Crustacea, Amphipoda, Eusiridae). ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 31, 31-49. (Deals with *R. northriana* n.sp. (Statfjord oil field, northern North Sea) and *R. integricauda*. A key to and a synopsis of all NE Atlantic *Rhachotropis* species are provided.)

UGOLINI, A., F. BORGHINI, S. FOCARDI & G. CHELAZZI 2005. Heavy metal accumulation in two syntopic sandhopper species: *Talitrus saltator* (Montagu) and *Talorchestia ugolinii* Bellan-Santini & Ruffo. ---- *Marine Pollution Bulletin* 50, 1328-1334.

UNGERER, P. & C. WOLFF 2005. External morphology of limb development in the amphipod *Orchestia cavimana* (Crustacea: Malacostraca: Amphipoda). ---- *Zoomorphology* 124, 89-99.

UZUNOVA, S. 2005. *Shifts and dynamics of benthic crustaceans from the Bulgarian Black Sea (Varna Bay)*. ---- Pp 198-207 in V. Velikova & N. Chipev (eds). Large-scale disturbances (regime shifts) and recovery in aquatic ecosystems: Challenges from management towards sustainability. Proceedings Workshop, Varna 2005. House of Scientists 'Joliot-Curie', Varna.

VALERIO-BERARDO, M. T. 2007. Description of three new species of *Ampelisca* (Crustacea: Amphipoda. Ampeliscidae) from Southwestern Atlantic, with a key of the genus for Brazilian species. ---- *Zootaxa* 1626, 25-37. (Deals with *Ampelisca longipropoda* n.sp. (26°34'S, 47°59'W), *A. meridionalis* n. sp. (34°32'S, 53°33'W) and *A. youngi* n. sp. (23°25'S, 42°27'W). A new key to Brazilian *Ampelisca* is provided)

VALERIO-BERARDO, A. M. THIAGO DE SOUZA & C. W. RODRIGUES 2007. A new species of *Cheiriphotis* (Crustacea: Corophiidae; Protomedeiinae) from the coast of Southeastern Brazil, with a key to the species in the genus. ---- *Zootaxa* 1646, 41-49. (*Cheiriphotis neotropicalis* n.sp. from 24°03'S, 46°22'W.

VALERIO-BERARDO, M. T. & Y. WAKABARA 2006. Ampeliscidae from the Brazilian coast. Record of *Ampelisca burkey* Barnard & Thomas, 1989 and descriptions of two new species of *Ampelisca* (Crustacea, Amphipoda). ---- *Zootaxa* 1286, 1-14. (The new spp are *A. flabellicaudata* and *A. moreirai*.)

VAN DOLAH, R. F., G. H. M. RIEKERK, D. C. BERGQUIST, F. FELBER, D. A. CHESTNUT & A. F. HOLLAND 2008. Estuarine habitat quality reflects urbanization at large spatial scales in South Carolina's coastal zone. ---- *Science of the Total Environment* 390, 142-154.

VASSILENKO, S. V. 2006. (Supplement to the fauna of Caprellida (Amphipoda) of the Antarctic and Subantarctic). ---- (*Explorations of the Fauna of the Seas. Russian Academy of Sciences, Zoological Institute*) 56, 161-165. (In Russian. Deals with *Pseudoprotomima hedgpethi*, *Aeginoides gaussi*, *Dodecas elongata*, *Caprellinoides mayeri*, *C. tristanensis* and *Protella trilobata*.)

VASSILENKO, S. V. (*Caprellids*). ---- (A.V.Adrianov (ed.). Biota of the Russian waters of the Sea of Japan.) ----Dalnauka, Vladivostok, 199 pp. (In Russian and English. An important monograph. The volume contains the illustrations and descriptions of 31 species of Caprellidea, as well as a key to the *Caprella* species. *Caprella subtilis* is for the first time recorded from the area.)

VENARSKY, M. P., F. M. WILHELM & F. E. ANDERSON 2007. Conservation strategies supported by non-lethal life history sampling of the U.S. federally listed Illinois cave amphipod, *Gammarus acherondytes*. ---- *Journal of Crustacean Biology* 27, 202-211.

VERGES, A., M. A. BECERRO, T. ALCOVERRO & J. ROMERO 2007. Experimental evidence of chemical deterrence against multiple herbivores in the seagrass *Posidonia*. ---- *Marine Ecology Progress Series* 343, 107-114. (A Mediterranean study)

VIGANO, L., A. FARKAS, L. GUZZELLA, C. ROSCIOLI & C. ERRATICO 2007. The accumulation levels of PAHs, PCBs and DDTs are related in an inverse way to the size of a benthic amphipod (*Echinogammarus stammeri* Karaman) in the River Po. ---- *Science of the Total Environment* 373, 131-145.

VIITASALO, S. 2007. Effects of bioturbation by three macrozoobenthic species and predation by necto-benthic mysids on cladoceran benthic eggs. ---- *Marine Ecology Progress Series* 336, 131-140. (*Monoporeia affinis*)

VOIGHT, J. R. 2006. Stauromedusae on the East Pacific Rise. ---- *Cahiers de Biologie Marine* 47, 347-352. (*Halice hesmonectes* is principal prey.)

VONK, R. & V. NIJMAN 2006. Sex ratio and sexual selection in wormshrimps (Crustacea , Amphipoda, Ingolfiellidea). ---- *Contributions to Zoology* 75, 189-194. (With new (?)English names both for the group as a whole and the 13 species discussed in detail. Females preponderate in most species.)

VOULTSIADOU, E., M.-M. PYROUNAKI & C. CHINTIROGLOU 2007. The habitat engineering tunicate *Microcosmus sabatieri* Roule, 1885 and its associated peracarid epifauna. ---- *Estuarine, Coastal and Shelf Science* 74, 197-204. (25 spp of amphipods listed on p 199)

WATTIER, R. A., J. BEGUET, M. GAILLARD, J. C. MÜLLER, L. BOLLACHE & M.-J. PERROT-MINNOT 2006. Molecular markers for systematic identification and population genetics of the invasive Ponto-Caspian freshwater gammarid *Dikerogammarus villosus* (Crustacea: Amphipoda). ---- *Molecular Ecology Notes* 6, 487-493.

WATTIER, R. A., E. R. HAINE, J. BEGUET, G. MARTIN, L. BOLLACHE, I. B. MUSKO, D. PLATVOET & T. RIGAUD 2007. No genetic bottleneck or associated microparasite loss

in invasive populations of a freshwater amphipod. ---- *Oikos* 116, 1941-1953  
(*Dikerogammarus villosus*)

WELLBORN, G. A. & R. D. COTHRAN 2007. Niche diversity in crustacean cryptic species: complementarity in spatial distribution and predation risk. ---- *Oecologia* 154, 175-183. (A study on *Hyaella* species)

WELLBORN, G. A. & R. D. COTHRAN 2007. *Ecology and mating behaviour in freshwater amphipods*. ---- Pp 147-166 in J. E. Duffy & M. Thiel (eds). Evolutionary ecology of social and sexual systems. Crustaceans as model organisms. Oxford University Press, 502 pp (mainly on *Hyaella* spp.)

WELLBORN, G. A., R. D. COTHRAN & S. BARTHOLF 2005. Life history and allozyme diversification in regional ecomorphs of the *Hyaella azteca* (Crustacea: Amphipoda) species complex. ---- *Biological Journal of the Linnean Society* 84, 161-175.

WEISENMEIER, T., M. HAY & G. POHNERT 2007. The potential role of wound-activated volatile release in the chemical defense of the brown alga *Dictyota dichotoma*: Blend recognition by marine herbivores. ---- *Aquatic Sciences* 69, 403-412. (Studies with *Ampithoe longimana*)

WILLIAMS, D.D. 2007. Size-assortative pairing in the lotic amphipod *Gammarus zaddachi*, an examination of hypotheses and the influence of current speed. ---- *Aquatic Ecology* 41, 309-317.

WINFIELD, I., S. CHAZARO-OLVERA & F. ALVAREZ 2007. (Does sea-grass biomass control the density of peracarids (Crustacea: Peracarida) in tropical lagoons?). ---- *Revista de Biología Tropical* 55, 43-53. (In Spanish. The answer to the title question is: at least locally, it does)

WINFIELD, I. & E. ESCOBAR-BRIONES 2007. (Amphipods (Crustacea: Gammaridea) in the northern sector of the Caribbean Sea: checklist, new reports and spatial distribution). ---- *Revista Mexicana de Biodiversidad* 78, 51-61. (In Spanish. Twenty-three spp are identified from a coral reef, among which *Ampelisca vadorum*, *A. verrilli* and *Haploops* sp. are new to the region.)

WIRKNER, C. S. & S. RICHTER 2007. Comparative analysis of the circulatory system in Amphipoda (Malacostraca, Crustacea). ---- *Acta Zoologica* 88, 159-171 (Not seen)

WITT, J. D. S., D. L. THRELOFF & P. D. N. HEBERT 2006. DNA barcoding reveals extraordinary cryptic diversity in an amphipod genus: implications for desert spring conservation. ---- *Molecular Ecology* 15, 3073-3082. (The first barcoding paper on amphipods! No less than 33 provisional species are found in the *Hyaella azteca* complex in the southern Great Basin of Nevada and California.)

WOLFF, C. & G. SCHOLTZ 2006. Cell lineage analysis of the mandibular segment of the amphipod *Orchestia cavimana* reveals that the crustacean paragnaths are sternal outgrowths and not limbs. ---- *Frontiers in Zoology* 3-19, 14 pp

XUEREB, B., P. NOURY, V. FELTEN, J. GARRIC & O. GEFFARD 2007. Cholinesterase activity in *Gammarus pulex* (Crustacea Amphipoda). Characterization and effects of chlorpyrifos. ---- *Toxicology* 236, 178-189.

YU, R.-Q. & J. W. FLEEGER 2007. Effects of nutrient enrichment, depuration substrate, and size on the trophic transfer of cadmium associated with microalgae to the benthic amphipod *Leptocheirus plumulosus*. ---- *Environmental Toxicology and Chemistry* 25, 3065-3072

YUN, H. Y., J. CRUZ, M. TREITSCHKE, M. WAHL & M. MOLIS 2007. Testing for the induction of anti-herbivory defences in four Portuguese macroalgae by direct and water-borne cues of grazing amphipods. ---- *Helgoland Marine Research* 61, 203209.

ZENETOS, A., M. E. CINAR, M. A. PANCUCCI-PAPADOPOULOU, J. G. HARMELIN, G. FURNARI, F. ANDALORO, N. BELLOU, N. STREFTARIS & H. ZIBROWIUS 2005. Annotated list of marine alien species in the Mediterranean with records of the worst invasive species. ---- *Mediterranean Marine Science* 6, 63-118. (Amphipods, 5 plus 3 'casuals', on p. 76)

ZIVIC, I. & Z. MARKOVIC 2007. Distribution of the species *Gammarus balcanicus* and *Gammarus fossarum* on the territory of Serbia (Central part of the Balkan peninsula). ---- *Crustaceana* 80, 67-76.

## NEW AMPHIPOD TAXA IN AN 32

### 1. Families and subfamilies

**Bathyporeiidae** revived (d'Udekem d'Acoz, 2007)

**Kotumsaridae** Messouli, Holsinger & Ranga Reddy, 2007

**Luciobliviidae** Tomikawa, 2007, in Tomikawa et al. 2007

**Priscillinidae** d'Udekem d'Acoz, 2007

### 2. Genera and subgenera

**Amurocrangonyx** Sidorov & Holsinger, 2007

**Caledonietta** Iannilli & Ruffo, 2007

**Kotumsaria** Messouli, Holsinger & Ranga Reddy, 2007

**Lucioblivia** Tomikawa, 2007, in Tomikawa et al. 2007

**Octopupilla** Tomikawa, in Tomikawa et al. 2007

**Pleusiroides** Ortiz, Lalana & Varela, 2007

**Tantena** Ortiz, Lalana & Varela, 2007

**Verdeia** Lowry & Springthorpe, 2007

Crangonyctidae

Phreatogammaridae

Kotumsaridae

Luciobliviidae

Mesogammaridae

Eusiridae

Lysianassidae

Melitidae

### 3. Species and subspecies

acutofalcatu Kobayashi & Ishimaru, 2005 (*Moolapheonoides*)

Cyproideidae

africanus Messouli, 2006 (*Crangonyx*)

Crangonyctidae

alcoladoi Ortiz, Lalana & Varela, 2007 (*Pleusiroides*)

Eusiridae

baliki Ôzbek & Ustaoglu, 2007 (*Echinogammarus*)

Gammaridae

barana Thomas & Klebba, 2007 (*Leucothoe*)

Leucothoidae

bastarensis Messouli, Holsinger & Ranga Reddy, 2007 ( <i>Kotumsaria</i> )	Kotumsaridae
bathybii Larsen, 2007 ( <i>Seba</i> )	Sebidae
beatricis Jaume & Box, 2006 ( <i>Nuuanu</i> )	Melitidae
berentsae Takeuchi & Lowry, 2007 ( <i>Orthoprotella</i> )	Caprellidae
bicornuta Ortiz, Lalana & Varela, 2007 ( <i>Aristias</i> )	Aristiidae
boiana Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
burney Peart, 2006 ( <i>Pseudopleonexes</i> )	Ampithoidae
cayapa Ortiz, Jimenez & Winfield, 2007 ( <i>Westwoodilla</i> )	Oedicerotidae
chaelata Senna & Serejo, 2007 ( <i>Quadrimaera</i> )	Melitidae
chuawe Peart, 2007 ( <i>Cymadusa</i> )	Ampithoidae
concava Hendrycks, 2007 ( <i>Valettiopsis</i> )	Valettidae
cookana Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
dabarensis Fiser, Trontelj & Sket, 2006 ( <i>Niphargus</i> )	Niphargidae
dolichopus Fiser, Trontelj & Sket 2006 ( <i>Niphargus</i> )	Niphargidae
duplus Messouli, Messana & Yacoubi-Khebiza, 2006 ( <i>Pseudoniphargus</i> )	Pseudoniphargidae
elegantis Peart, 2007 ( <i>Cymadusa</i> )	Ampithoidae
eremitis Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
felix Tomikawa, in Tomikawa et al. 2007 ( <i>Octopupilla</i> )	Mesogammaridae
flabellicaudata Valerio-Berardi & Wakabara, 2006 ( <i>Ampelisca</i> )	Ampeliscidae
flammosa Thomas & Klebba, 2007 ( <i>Leucothoe</i> )	Leucothoidae
fragilis Larsen & Krapp-Schickel, 2007 ( <i>Leptamphopus</i> )	Calliopiidae
geographe Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
grasslei Soto & Corona, 2007 ( <i>Gammaropsis(Podoceropsis)</i> )	Photidae
guinea Lowry & Springthorpe, 2007 ( <i>Dulichella</i> )	Melitidae
hanamurai Tomikawa, Siow & Mawatari, 2007 ( <i>Nuuanu</i> )	Melitidae
hansgeorgi Larsen, 2007 ( <i>Schisturella</i> )	Uristidae
heronensis Peart, 2007 ( <i>Cymadusa</i> )	Ampithoidae
herrmani d'Udekem d'Acoz. 2007 ( <i>Priscillina</i> )	Priscillinidae
hiana Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
hyalos Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
jiigurru Peart, 2007 ( <i>Cymadusa</i> )	Ampithoidae
justi Peart, 2006 ( <i>Pseudopleonexes</i> )	Ampithoidae
katae Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
korkiskorum Sidorov, 2006 ( <i>Pseudocrangonyx</i> )	Pseudocrangonyctidae
kozaensis Tomikawa, in Tomikawa et al. 2007 ( <i>Lucioblivia</i> )	Luciobliviidae
lamia d'Udekem d'Acoz, 2007 ( <i>Neohela</i> )	Unciolidae
lecroyae Lowry & Springthorpe, 2007 ( <i>Dulichella</i> )	Melitidae
longipalma Othman & Morino, 2006 ( <i>Liljeborgia</i> )	Liljeborgiidae
longipropoda Valerio-Berardo, 2007 ( <i>Ampelisca</i> )	Ampeliscidae
lourensis Fiser, Trontelj & Sket, 2006 ( <i>Niphargus</i> )	Niphargidae
maryae Iannilli & Ruffo, 2007 ( <i>Caledonietta</i> )	Phreatogammaridae
meganae Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
meridionalis Valerio-Berardi, 2007 ( <i>Ampelisca</i> )	Ampeliscidae
merimbula Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
monicae Ortiz, Lalana & Varela, 2007 ( <i>Curidia</i> )	Ochlesidae
moreirai Valerio-Berardi & Wakabara, 2006 ( <i>Ampelisca</i> )	Ampeliscidae
morimotoi Grosso, Peralta & Ruffo, 2006 ( <i>Pseudingolfiella</i> )	?Paracrangonyctidae



morinoi Ariyama, 2007 (Kamaka)	Kamakidae
morinoi Othman & Azman, 2007 ( <i>Talorchestia</i> )	Talitridae
neotropicalis Valerio-Berardi, Thiago de Souza & Rodrigues, 2007 ( <i>Cheiriphotis</i> )	Protomedeiinae
nexis Peart, 2006 ( <i>Pseudopleonexes</i> )	Ampithoidae
niflheimri d'Udekem d'Acoz, 2007 ( <i>Haliragoides</i> )	Calliopiidae
ningaloo Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
northriana d'Udekem d'Acoz, Vader & Legezinska, 2007 ( <i>Rhachotropis</i> )	Eusiridae
oahu Lowry & Springthorpe, 2007 ( <i>Dulichella</i> )	Melitidae
obritus Messouli, Messana & Yacoubi-Khebiza, 2006 ( <i>Pseudoniphargus</i> )	Pseudoniphargidae
parakava Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
pemptos Peart, 2007 ( <i>Cymadusa</i> )	Ampithoidae
peronana Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
planasiae Messouli, Messana & Yacoubi-Khebiza, 2006 ( <i>Pseudoniphargus</i> )	Pseudoniphargidae
pleshanovi Takhteew & Levashkevich, 2006 ( <i>Garjajewia cabanisii</i> )	Plesiogammarinae
polymorphus Fiser, Trontelj & Sket, 2006 ( <i>Niphargus</i> )	Niphargidae
pseudongana Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
rocasensis Senna & Serejo, 2007 ( <i>Quadrimaera</i> )	Melitidae
roly Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
rosema Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
rotunda Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
saron Thomas & Klebba, 2007 ( <i>Leucothoe</i> )	Leucothoidae
schiaparelli Lörz, Maas, Linse & Fenwick, 2007 ( <i>Epimeria</i> )	Epimeriidae
stygoedincus Sidorov & Holsinger, 2007 ( <i>Procrangonyx</i> )	Pseudocrangonyctidae
takahashiae Tomikawa & Mawatari, 2006 ( <i>Amathillopsis</i> )	Amathillopsidae
terminos Lowry & Springthorpe, 2007 ( <i>Dulichella</i> )	Melitidae
thagaay Peart, 2007 ( <i>Cymadusa</i> )	Ampithoidae
tishana Peart, 2007 ( <i>Cymadusa</i> )	Ampithoidae
tomioaka Lowry & Springthorpe, 2007 ( <i>Dulichella</i> )	Melitidae
tulear Lowry & Springthorpe, 2007 ( <i>Dulichella</i> )	Melitidae
ulladulla Peart, 2007 ( <i>Ampithoe</i> )	Ampithoidae
voightae Larsen, 2007 ( <i>Paronesimus</i> )	Tryphosinae
wistari Peart, 2007 ( <i>Cymadusa</i> )	Ampithoidae
wuriti Thomas & Klebba, 2007 ( <i>Leucothoe</i> )	Leucothoidae
wuzzae Larsen & Krapp-Schickel, 2007 ( <i>Bathyceradocus</i> )	Melitidae
youngi Valerio-Berardi, 2007 ( <i>Ampelisca</i> )	Ampeliscidae
zladarskii Ortiz, Lalana & Varela, 2007 ( <i>Tantena</i> )	Lysianassidae

#### 4. New taxa in AN 32 ranked taxonomically after families

Amathillopsidae	Amathillopsis <b>takahashiae</b>
Ampeliscidae	Ampelisca <b>flabellicaudata, longipropoda, meridionalis, moreirai, youngi</b>
Ampithoidae	Ampithoe <b>boiana, cookana, eremitis, geographe, hiana, hyalos, katae, meganae, merimbula, ningaloo, parakava, peronana, pseudongana, roly, rosema, rotunda, ulladulla</b>

	<i>Cymadusa</i> <b>chuawe</b> , <b>elegantis</b> , <b>heronensis</b> , <b>jiigurru</b> , <b>pemptos</b> , <b>thagaay</b> , <b>tishana</b> , <b>wistari</b>
	<i>Pseudopleonexes</i> <b>burney</b> , <b>justi</b> , <b>nexis</b>
Aristiidae	<i>Aristias</i> <b>bicornuta</b>
<b>Bathyporeiidae</b>	
Bogidiellidae	<i>Bogidiella</i> <b>indica</b>
Calliopiidae	<i>Haliragoides</i> <b>niflheimri</b>
	<i>Leptamphopus</i> <b>fragilis</b>
Caprellidae	<i>Orthoprotella</i> <b>berentsae</b>
Crangonyctidae	<b>Amurocrangonyx</b>
	<i>Crangonyx</i> <b>africanus</b>
Cyproideidae	<i>Moolapheonoides</i> <b>acutofalcatus</b>
Epimeriidae	<i>Epimeria</i> <b>schiaparelli</b>
Eusiridae	<b>Pleusiroides</b> <b>alcoladoi</b>
	<i>Rhachotropis</i> <b>northriana</b>
Gammaridae	<i>Echinogammarus</i> <b>baliki</b>
Kamakidae	<i>Kamaka</i> <b>morinoi</b>
<b>Kotumsaridae</b>	<b>Kotumsaria</b> <b>bastarensis</b>
Leucothoidae	<i>Leucothoe</i> <b>barana</b> , <b>flammosa</b> , <b>saron</b> , <b>wuriti</b>
Liljeborgiidae	<i>Liljeborgia</i> <b>longipalma</b>
<b>Luciobliviidae</b>	<b>Lucioblivia</b> <b>kozaensis</b>
Lysianassidae	<b>Tantena</b> <b>zladarskii</b>
Melitidae	<i>Bathyceradocus</i> <b>wuzzae</b>
	<i>Dulichella</i> <b>guinea</b> , <b>lecroyae</b> , <b>oahu</b> , <b>terminus</b> , <b>tomioka</b> , <b>tulear</b>
	<i>Nuuanu</i> <b>beatricis</b> , <b>hanamurai</b>
	<i>Quadrimaera</i> <b>chaelata</b> , <b>rocasensis</b>
	<b>Verdeia</b>
Mesogammaridae	<b>Octopupilla</b> <b>felix</b>
Niphargidae	<i>Niphargus</i> <b>dabarensis</b> , <b>dolichopus</b> , <b>lourensis</b> , <b>polymorphus</b>
Ochlesidae	<i>Curidia</i> <b>monicae</b>
Oedicerotidae	<i>Westwoodilla</i> <b>cayapa</b>
?Paracrangonyctidae	<i>Pseudingolfiella</i> <b>morimotoi</b>
Photidae	<i>Gammaropsis</i> ( <i>Podoceropsis</i> ) <b>grasslei</b>
Phreatogammaridae	<b>Caledonietta</b> <b>maryae</b>
Plesiogammarinae	<i>Garjajewia</i> <i>cabanisii</i> <b>pleshanovi</b>
<b>Priscillinidae</b>	<i>Priscillina</i> <b>herrmani</b>
Protomedeiinae	<i>Cheiriphotis</i> <b>neotropicalis</b>
Pseudocrangonyctidae	<i>Procrangonyx</i> <b>stygoedincus</b>
	<i>Pseudocrangonyx</i> <b>korkiskoorum</b>
Pseudoniphargidae	<i>Pseudoniphargus</i> <b>duplus</b> , <b>obritus</b> , <b>planasiae</b>
Sebidae	<i>Seba</i> <b>bathybii</b>
Talitridae	<i>Talorchestia</i> <b>morinoi</b>
Tryphosinae	<i>Paronesimus</i> <b>voightae</b>
Unciolidae	<i>Neohela</i> <b>lamia</b>
Uristidae	<i>Schisturella</i> <b>hansgeorgi</b>
Valettidae	<i>Valettiopsis</i> <b>concava</b>

**13<sup>th</sup> international amphipod conference, Tihany, Hungary, 20-25 May, 2007.**

This conference, very ably organized and led by Ilona Musko and her all-women team, gathered in the luxurious surroundings of the Limnological institute on the banks of Lake Balaton in beautiful hot summer weather. As always, the conference was very pleasant indeed and took on almost the form of a family reunion; within the amphipod workers' family these years there are no feuds at all, and many many friendships! This time a lot of younger colleagues were present, often from countries that had not or scarcely been represented before (Iran, Turkey, Lithuania, Estonia) and Natalia Demchenko had come all the way from Vladivostok! Compared to the latest conferences, this time there was more input concerning freshwater amphipods, and especially invasive species.

Pictures of the conference are still accessible at the website of the Institute, at <http://www.blki.hu/13thICA/photos.htm>. We have not yet figured out when and where the next conference will be, and we are open for all suggestions.

Wim Vader

**The Crustacean Society mid-year meeting, Coquimbo, Chile 14-17 October 2007**

Martin Thiel (Coquimbo) kindly sent me the Abstracts of this meeting, and the following papers and posters on amphipods were read/shown during this conference. I have copies of the abstracts.

**Lectures:**

FONG, D. W. Phylogeography of the cave amphipod, *Gammarus minus*. (The cave populations may in reality be a species complex)

GLAZIER, D. S. Evolutionary ecology of *Gammarus* in spring environments. (Also a study on *Gammarus minus*.)

HOSIE, A. & S AHYONG. Thumbs out: foreign crustaceans hitchhiking to New Zealand.

MACDONALD III, K. S. Evolution of the amphipods of Lake Baikal; their placement within and the validity of the superfamily Gammaroidea. ('Preliminary results suggest that Gammaroidea is not monophyletic, consisting of two non-sister clades, the Anisogammaridae and the remainder of the Gammaroidea')

POORE, G. C. B. Crustacean taxonomy in a changing world.

SHEADER, M. Life cycle adaptations of amphipods to hydrothermal vents. (Studies on *Bouvierella curtirama*, *Halice hesmonectes* and *Ventiella sulfuris*)

WELLBORN, G. A. Role of the ecological landscape in diversification of *Hyalella* amphipods in North America.

WITT, J. D. S. Probing the pace of mitochondrial DNA sequence evolution in an amphipod genus: the case of *Hyaella*.

Posters:

ALONSO, G. M. & I. L. CHIESA. A new species of *Ventojassa* (Crustacea: Amphipoda: Ischyroceridae) from the Beagle Channel, Argentina.

AOKI, M. N., Y. TSUCHIYA, T. SATO & H. SHIMAGAWA. Three gammarid amphipods utilizing the stipe of the brown alga *Undaria pinnatifida*. (*Biancolina japonica*, *Ceinina japonica* and *Najna consiliorum*.)

CHIESA, J. L. & G. M. ALONSO. Redescription of *Fuegiphoxus uncinatus* (Chevreux, 1912) (Amphipoda: Gammaridea: Phoxocephalidae).

FIorentino, D., S. BEVILACQUA, A. DELOS, S. FRANCHETTI & A. TERLIZZI. Preliminary data on crustacean fauna in Ionian Sea (Italy), an environmental assessment on off-shore platform activity.

FLYNN, M. N. & M. T. VALERIO-BERARDI. Studies on association development of amphipod species using artificial substrates within a marine channel environment in the Brazilian coast.

FLYNN, M. N., P. A. CRISTALES, L. A. ESUMI, G. S. C. MONTEIRO, J. M. S. SOUZA & M. T. VALERIO-BERARDI. Population dynamics of *Jassa slatteryi* Conlan, 1990 from experimental panels located at the opil terminal of São Sebastião channel, São Paulo, Brazil.

MATAVELLI, C., M. UEHARA-PRADO, F. P. P. LEITE & A. V. L.

FREITAS. Population biology of *Talitroides topitotum* (Crustacea: Amphipoda: Talitridae) in an Atlantic forest in southeastern Brazil.

MAYÉN-ESTRADA, R. & M. A. ALADRO-LUBEL. Ciliated Protozoa epibionts of Mexican Crustacea. Data of their biodiversity and specificity.

NORMANY, M, M. GIBOWICZ, T. LUPICKI & A. SZANIAWSKA. Living in a critical salinity zone---some physiological studies on the Baltic Sea crustaceans.

PAVANI, L. & F. P. P. LEITE. Peracarid fauna associated to the sponge *Tedania ignis* (Duchassaing & Michelotti, 1864) from southeastern Brazil.

PINHO, G. L. I., R. SAINT-LOUIS, A. BIANCHINI & E. PELLETIER. Copper accumulation in the amphipod *Gammarus* sp.: investigation of metal binding to hydrosoluble protein.

SCHNABEL, K., A. N. LÖRZ & N. BRUCA. Crustacea at work: New Zealand crustacean research past. Present and future.

SIQUEIRA, S. L. G. & F. P. P. LEITE. Population biology and fecundity of *Leucothoe* sp. (Amphipoda, Leucothoidae) associated to *Phallusia nigra* (Chordata, Tunicata) in southeastern Brazil.

VALERIO-BERARDI, M. T. New deep sea species of Ampeliscidae (Crustacea: Amphipoda) from the Campos basin, Rio de Janeiro, Brazil. (Three new *Ampelisca* and one new *Byblis*.)

VALERIO-BERARDI, M. T., A. M. THIAGO DE SOUZA & C. W. RODRIGUES. Two new species of the genera *Cerapus* Say, 1817 and

*Notopoma* Lowry & Berents, 1996 (Amphipoda, Ischyroceridae) from Brazilian coast.

Wim Vader

## IN MEMORIAM

**Valeryi A. Kudrjaschov**

**(18.05.1939 – 04.07.2007)**



Valeryi A. Kudrjaschov died on the 4<sup>th</sup> of July 2007. He was a clever and eminent person, an excellent lecturer and talented scientist. Valeryi A. was born on the 18<sup>th</sup> of May 1939 at the village Vladimiro-Aleksandrovskoye of the Primorskyi Territory (Far East of Russia). He entered the Biological Faculty of the Far Eastern State University (FESU) as a student in 1956. He graduated from university and got his specialization of zoologist in 1961. During 1961-1964, Valeryi A. studied at the post-graduate courses under leadership of Zinaida I. Kobyakova (the famous Russian specialist on Decapods) at Leningrad State University. During this study he worked together with the most famous Russian carcinologist Evpraksia F. Gurjanova, who in fact was his second supervisor.

In 1966 Valeryi A. successfully defended a thesis on the theme "Fauna of amphipods (Amphipoda: Crustacea) from the shelf of the western part of the Kamchatka Peninsula". The thesis was devoted to taxonomy, ecology and biogeography of amphipods.

Valeryi A. organized different scientific expeditions to all Far Eastern Seas in the 1960's and 70's. He also took part himself in almost all expeditions. Valeryi A. conducted research of the littoral zone of the Shantar and Feklistov's Islands in 1966. He was in expeditions to the Kuril Islands in 1967 and to the western part of the Kamchatka Peninsula in 1968.

Valeryi A. worked at the Far Eastern State University from 1964 up to the last day of his life. He began his professional way as associate employee. Valeryi A. was assigned as assistant professor in the Chair of Hydrobiology and Ichthyology in 1967. He became a head of this Chair since 1976. He also had another position in the university as a dean of the Soil-Biological Faculty in the period of 1976-1980. At the same time (1975-1985) Valeryi A. was a chief of the Laboratory of the shelf ecosystems in the Institute of Marine Biology (Far Eastern Branch of Academy of Sciences). After that he stayed as a scientific consultant in this Laboratory.

Valeryi A. was assigned as the pro-rector for scientific work of the university in the period of 1982-1990. He was a member of the Editorial Board of the Russian Journal of Marine Biology.

Valeryi A. became a first assistant of director in 1999, when the Soil-Biological Faculty was reorganized into the Academy of Ecology, Marine Biology and Biotechnology (AEMBBT). From 2003 up to the last day of his life Valeryi was an assistant of director on scientific work and held the professor's position of the Chair of Marine biology and Aquaculture in the AEMBBT.

All the time of his working in the university Valeryi A. gave interesting lectures for students on topics such as: Methods of hydrobiological investigations, Ocean biology, Ecology, Biogeography, Biocenology, Environmental protection, and so on.

The scientific work of Valeryi A. was connected to the study of amphipods during all his life. He described a lot of new species and some new taxa of higher level for science. Examples are the famous family *Caprogammaridae* Kudrjaschov & Vassilenko, 1966 and the genus *Paracalliopiella* Tzvetkova & Kudrjaschov, 1975.

Some amphipod species were named in honor of Valeryi A.: *Corogammaropsis kudrjaschovi*, Tzvetkova, 1990; *Paracalliopiella kudrjaschovi* Bousfield & Hendrycks, 1997; *Psammonyx kudrjaschovi* Budnikova, 2005. Valeryi A. is the author of 54 scientific publications.

The death of Valeryi A. Kudrjaschov is great loss for science as well as for all of us. The memory of Valeryi A. will stay in the hearts of his colleagues, students and friends for ever.

**Ludmila L. Budnikova and Natalia L. Demchenko**

#### THE LIST OF MAIN TAXONOMIC WORKS OF VALERYI A. KUDRJASCHOV

Kudrjaschov V.A. 1965. New Gammaridea species (Amphipoda) from the east of Okhotsk Sea. Zoologicheskij Zhurnal 12, 1776-1789. (In Russian) (Deals with *Paraphoxus subuncigerus n.sp.*, *Joubinella tzvetkovae n.sp.*, *Byblis setosus n.sp.*, *Protomedeia chelata n.sp.*, *Syrrhoites serrulatus n.sp.*, *Arrhis sobolevi n.sp.*).

Kudrjaschov V.A. 1965. New Gammaridea species (Amphipoda) from the north Okhotsk Sea. Zoologicheskij Zhurnal 7, 1086-1091. (In Russian) (Deals with *Protomedeia stephensi ochotensa n.ssp.*, *Acanthonotozoma monodentatum n.sp.*).

Kudrjaschov V.A. 1965. New amphipod species of the family Lysianassidae (Amphipoda – Gammaridea) from the Okhotsk Sea. Zoologicheskij Zhurnal 4, 513-520. (In Russian) (Deals with *Rifcus n.gen.*, *Rifcus auspiciatus n.sp.*, *Pseudoanonyx n.gen.*, *Pseudoanonyx caecus n.sp.*, *Anonyx epistomicus n.sp.*, *Anonyx volkovi n.sp.*).

Kudrjaschov V.A. & Vassilenko S.V. 1966. A new family Caprogammaridae (Amphipoda, Gammaridea) found in the North-West Pacific. Crustaceana 10, 192-198. (Deals with *Caprogammaridae n.fam.*, *Caprogammarus n.gen.*, *Caprogammarus gurjanovae n.sp.*).

Kudrjaschov V.A. 1972. On a new species of Dogielinotus (Amphipoda) from the Sea of Okhotsk. Crustaceana, Suppl.3 (Studies on Peracarida), 246-250. (Deals with *Dogielinotus cimbaluki n.sp.*).

Kudrjaschov V.A. 1975. New amphipod species (Gammaridea) from the intertidal zone of the Kurile Islands. Zoologicheskij Zhurnal 3, 364-371. (In Russian) (Deals with *Cerapus comparativus n.sp.*, *Ischyrocerus gurjanovae n.sp.*, *Ischyrocerus tzvetkovae n.sp.*).

Kudrjaschov V.A. & Tzvetkova N.L. 1975. New and rare species of Amphipoda (Gammaridea) from the coastal waters of the south Sakhalin. Zoologicheskij Zhurnal 9, 1306-1315. (In Russian) (Deals with *Gammaropsis (Podoceropsis) barnardi n.sp.*; *Grandidierella japonica Stephensen, 1938*; *Melita somovae Bulytscheva, 1952*; *Synchelidium gurjanovae n.sp.*; *Synchelidium bulytschevae n.sp.*; *Pleusirus seccorus asiaticus n.ssp.*).

Tzvetkova N.L. & Kudrjaschov V.A. 1975. The new genus of the family Calliopiidae (Crustacea: Amphipoda) from the North Pacific. Biologiya morya 4, 13-23. (In Russian) (Deals with *Paracalliopiella n.gen.*, *Paracalliopiella pacifica n.sp.* Keys to species *P. pratti* (Barnard, 1954) and *P. littoralis* (Gurjanova, 1938)).

Kudrjaschov V.A. 1979. The fauna and ecology of amphipod crustaceans from intertidal zone of the northern Tatar Strait. Investigations of pelagic and bottom organisms from the far-eastern Seas: Transactions of the Institute of Marine Biology 15, 123-137. (In Russian) (Deals with the description of *Dogielinotus golikovi n.sp.*).

Tzvetkova N.L. & Kudrjaschov V.A. 1985. On fauna and ecology of gammarids (Amphipoda; Gammaridea) in the biocenoses of the upper parts of the shelf of the south Sakhalin. Explorations of the fauna of the Seas (Biocenoses and fauna of the shelf of south Sakhalin) 30(38), 292-345. (In Russian) (Deals with *Aoroides n.sp.*, *Biancolina obtusata sachalinensis n.ssp.* and *Melita mikulitschae* Gurjanova (in Tzvetkova & Kudrjaschov, 1985)).

**THE NEW TAXA DESCRIBED BY VALERYI A. KUDRJASCHOV**

In chronological order

NEW FAMILY

*Caprogammaridae* Kudrjaschov & Vassilenko, 1966

NEW GENERA

*Pseudoanonyx* Kudrjaschov, 1965

*Rifcus* Kudrjaschov, 1965

*Caprogammarus* Kudrjaschov & Vassilenko, 1966

*Paracalliopiella* Tzvetkova & Kudrjaschov, 1975

NEW SPECIES

*Anonyx volkovi* Kudrjaschov, 1965

*Paraphoxus subuncigerus* Kudrjaschov, 1965

*Joubinella tzvetkova* Kudrjaschov, 1965

*Byblis setosus* Kudrjaschov, 1965

*Protomedeia chelata* Kudrjaschov, 1965

*Syrrhoites serrulatus* Kudrjaschov, 1965

*Arrhis sobolevi* Kudrjaschov, 1965

*Acanthonotozoma monodentatum* Kudrjaschov, 1965

*Rifcus auspicatus* Kudrjaschov, 1965

*Pseudoanonyx caecus* Kudrjaschov, 1965

*Anonyx epistomicus* Kudrjaschov, 1965

*Caprogammarus gurjanovae* Kudrjaschov & Vassilenko, 1966

*Dogielinotus cimbaluki* Kudrjaschov, 1972

*Paracalliopiella pacifica* Tzvetkova & Kudrjaschov, 1975

*Gammaropsis (Podoceropsis) barnardi* Kudrjaschov & Tzvetkova, 1975

*Synchelidium gurjanovae* Kudrjaschov & Tzvetkova, 1975

*Synchelidium bulytschevae* Kudrjaschov & Tzvetkova, 1975

*Cerapus comparativus* Kudrjaschov, 1975

*Ischyrocerus gurjanovae* Kudrjaschov, 1975

*Ischyrocerus tzvetkova* Kudrjaschov, 1975

*Dogielinotus golikovi* Kudrjaschov V.A. 1979

*Aoroides* sp. Tzvetkova & Kudrjaschov, 1985

NEW SUBSPECIES

*Protomedeia stephenseni ochotensa* Kudrjaschov, 1965

*Pleusirus seccorus asiaticus* Kudrjaschov & Tzvetkova, 1975

*Biancolina obtusata sachalinensis* Tzvetkova & Kudrjaschov, 1985