

AMPHIPOD NEWSLETTER 24

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This newsletter contains the usual bibliography and index to new taxa. In addition I have , with the permission of the author, included a modern classification of Lake Baikal amphipods, extracted from the recent (2001) catalogue by Prof. Ravil Kamaltynov (see bibliography).

The university library of Tromsø University unfortunately has the same economic problems as many other academic institutions these days, and this means also that it is increasingly difficult to keep this bibliography somewhat complete. If you find this compilation of value, please help out by sending me references , or better still, reprints , of your amphipod papers. Many thanks in advance!! In return I have over the years helped out many colleagues with copies of papers they could them procure themselves.

Wim Vader

AMPHIPOD NEWSLETTER 24. BIBLIOGRAPHY

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AFLI, A. & M. GLÉMAREC 2000. Fluctuation à long terme des peuplements macrobenthiques dans le Golfe de Morbihan (Bretagne, France). ---- *Cahiers de Biologie Marine* 41, 67-89.

AIKINS, S. & E. KIKUCHI 2001. Studies on habitat selection by amphipods using artificial substrates within an estuarine environment. ---- *Hydrobiologia* 457, 77-86. (Four amphipod spp in a brackish lagoon in Japan. Not seen)

ALIBERT, P., L. BOLLACHE, D. CORBERANT, V. GUESDON & F. CÉZILLY 2002. Parasitic infection and developmental stability: fluctuating

asymmetry in *Gammarus pulex* infected with two acanthocephalan species. ---- *Journal of Parasitology* 88, 47-54.

ALJETLAWI, A.A. & Kj. LEONARDSSON 2002. Size-dependent competitive ability in a deposit-feeding amphipod, *Monoporeia affinis*. ---- *Oikos* 97, 31-44.

ALVAREZ, F., I. WINFIELD & S. CHAZARO 2000. Population study of the landhopper *Talitroides topitotum* (Crustacea: Amphipoda: Talitridae) in central Mexico. ---- *Journal of Natural History* 34, 1619-1624.

AMSLER, C.D., K.B. IKEN, J.B. McCLINTOCK, F. B. FURROW & B.J. BAKER 2001. The beginnings of Antarctic macroalgal chemical ecology: Defenses against herbivores in a nitrogen replete, carbon limited ocean. ---- *Journal of Phycology* 37, 5-?.

AMSLER, C.D., J.B. McCLINTOCK & B.J. BAKER 2001. Secondary metabolites as mediators of trophic interactions among Antarctic marine organisms. ---- *American Zoologist* 41, 17-26.

APPADOO, Ch., A.A. MYERS & I. FAGOONEE 2002. The genera *Quadrimeaera* and *Maera* (Amphipoda: Gammaridea: Melitidae) from Mauritius. ---- *Journal of Natural History* 36, 641-673. (Deals with *Quadrimeaera micheli* n.sp., *Q. mirandella* n.sp., *Q. cf pacifica*, *Q. serrata*, *Maera serratipalma*, *M. mooreana*, *M. hamigera*, and *M. octodens*, all from shallow water algal biotopes on Mauritius.)

APPADOO, Ch., A.A. MYERS & I. FAGOONEE 2002. The genus *Mallacoota* (Crustacea, Amphipoda, Melitidae) from Mauritius, with description of a new species. ---- *Journal of Natural History* 36, 767-796. (Deals with *Mallacoota caerulea* n.sp., *M. schellenbergi*, *M. latibrachium*, *M. insignis*, and *M. spec.*, all from shallow water algal biotopes on Mauritius.)

ARIANI, A.P., M.M. CAMASSE & K.J. WITTMANN 2000. The dolinas of Torre Castiglione (Gulf of Tarent, Italy): Environmental and faunistic aspects of a semi-hypogean water system. ---- *Mémoires de Biospéologie* 27, 1-14.

ARIYAMA, H. 2002. *Paragrandidierella minima*, a new genus and species of Aoridae (Crustacea: Amphipoda) from Osaka Bay, Central Japan. ---- *Species Diversity* 7, 155-163.

ARNDT, C.E. 2002. Feeding ecology of the Arctic ice-amphipod *Gammarus wilkitzkii*. Physiological, morphological and ecological studies. ---- *Berichte zur Polar- und Meeresforschung* 405, 1-74.

AUEL, H., M. HARJES, R. da ROCHA, D. STÜBING & W. HAGEN, 2002. Lipid biomarkers indicate different ecological niches and trophic relationships of the Arctic hyperiid amphipods *Themisto abyssorum* and *Th. libellula*. ---- *Polar Biology*, on line.

BALDANOVA, D.R. & N.M.PRONIN 2001. (*Gammarids as intermediate hosts of acanthocephalans.*) ---- Pp 50-54 in V.V.Takhteev (ed.). (Researches of the water fauna of east Siberia basins.) Irkutsk State University, Irkutsk. 166 pp (In Russian. Four species of Acanthocephala found in L.Baikal amphipods.)

BALDINGER, A. & M.J.GABLE 2002. The genus *Podocerus* (Crustacea: Amphipoda: Podoceridae) from Guana Island, British Virgin Islands. ---- *Postilla* 226, 1-21. (Deals with *P. jareckii* n.sp. and *P. fissipes*, recently described from Brazil and new to the Caribbean.)

BARROS, F., A.J.UNDERWOOD & M. LINDEGARTH 2002. A preliminary analysis of the structure of benthic assemblages of surf zones on two morphodynamic types of beach. ---- *Journal of the Marine Biological Association UK* 82, 353-357. (near Sydney, Australia)

BELAN, T.A. 1999. A preliminary study of the benthic macrofauna ecology in the area between Tumangong (Tumen) river mouth and Furugelm Island in 1996. ---- *Ocean Research* 21, 1-11. (Not seen).

BERGE, J., C. DE BROYER & W. VADER 2000. Revision of the Antarctic and sub-antarctic species of the family Stegocephalidae (Crustacea: Amphipoda) with description of two new species. ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie* 70, 217-233. (Deals with *Andaniexis ollii* n.sp. (61°19'S, 57°02'W), *Euandania nonhiata*, *Phippsiella kergueleni* and *Phippsiella watlingi* n.sp.(74°28'S, 29°42'W, 1150m). A table listing the distribution of all described Stegocephalidae is provided, and all 19 spp occurring in the regio are reported in more detail)

BEUCHEL, F. & O.J.LØNNE 2002. Population dynamics of the sympagic amphipods *Gammarus wilkitzkii* and *Apherusa glacialis* in sea ice north of Svalbard. ---- *Polar Biology* 25, 241-250.

BORGÅ, K., G.W.GABRIELEN & J.U.SKAARE 2001. Biomagnification of organochlorines along a Barents sea food-chain. ---- *Environmental Pollution* 113, 187-198. (i.a. *Parathemisto libellula*)

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BORGÅ, K., B. GULLIKSEN, G.W.GABRIELEN & J.U.SKAARE 2002. Size-related bioaccumulation and between-year-variation of organochlorines in ice-associated amphipods from the Arctic Ocean. ---- *Chemosphere* 46, 1383-1392.

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BOZZANO, A. & F. SARDA 2002. Fishery discard consumption rate and scavenging activity in the northwestern Mediterranean Sea. ---- *ICES Journal of Science* 59, 15-28. (Not seen, alas)

BRADBURY, J.H. 2002. Melitid amphipods of Barrow Island, Western Australia. Part II—Recent discoveries. ---- *Records of the West Australian Museum* 21, 83-103. (Deals with *Nedsia chevronia* n.sp., *N. stefania* n.sp., and *N. halleti* n.sp., all part of the remarkably diverse freshwater fauna of this dry island.)

BRUYS, M.C.M., B. KELLEHER, G.v.d.VELDE & A.bij de VAATE 2001. Oxygen consumption, temperature and salinity tolerance of the invasive amphipod *Dikerogammarus villosus*: Indicator, of further dispersal, via ballast water transport. ---- *Archiv für Hydrobiologie* 152, 633-646.

BUHLMANN, K.A. 2001. A biological inventory of eight caves in northwestern Georgia with conservation implications. ---- *Journal of Cave and Karst Studies* 63, 91-98.

BULNHEIM, H.-P. 2002. Verweiblichende Wirkung von Mikrosporidien. ---- *Naturwissenschaftliche Rundschau* 55, 43-44. (*Nosema granularis* in *Gammarus duebeni*.)

BUND, W.J. v.d., W. GOEDKOOP & R.K.JOHNSON 1994. Effects of deposit-feeder activity on bacterial production and abundance in profundal lake-sediment. ---- *Journal of the North-American Benthological Society* 13, 532-539 (i.a. *Monoporeia affinis*)

BURD, B.J. 2002. Evaluation of mine tailings effects on a benthic marine infaunal community over 29 years. ---- *Marine Environmental Research* 53, 481-519. (“Amphipods were particularly affected by tailings.”)

CAPARIS, M.E. & P.S.RAINBOW 1994. Accumulation of cadmium associated with sewage sludge by a marine amphipod crustacean. ---- *The Science of the Total Environment* 156, 191-198.

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CHEREL, Y., P. BOCHER, C.DE BROYER & K.A.HOBSON 2002. Food and feeding ecology of the sympatric Thin-billed *Pachyptila belcheri* and Antarctic *P. desolata* Prions at Iles Kerguelen, Southern Indian Ocean. ---- *Marine Ecology Progress Series* 228, 263-281. (*Themisto gaudichaudii* dominant prey for both these seabirds.)

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COLEMAN, C.O. & A. LEISTIKOW 2001. Supralittoral talitrid Amphipoda and oniscid isopods (Crustacea) from the southwest African coast. ---- *Organismic Diversity & Evolution* 1, *Electronic Supplement* 3, 1-32. (Deals with *Talorchestia skoogi*, *T. quadrispinosa*, *T. tricornuta*, *T. capensis*, and various isopods. Full redescriptions and illustrations.)

COLOMBINI, I., A. ALOIA, M.F.BOUSLAMA, M. ELGTARI, M. FALLACI, L. RONCONI, F. SCAPINI & L. CHELAZZI 2002. Small-scale spatial and seasonal differences in the distribution of beach arthropods on the northwestern

Tunisian coast. Are species evenly distributed along the shore? ---- *Marine Biology, Berlin* 140, 1000-1012. (The answer, not surprisingly, is No.)

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DellVALLS, T.A., J.M.FORJA & A. GOMEZ-PARRA 2002. Seasonality of contamination, toxicity, and quality values in sediments from littoral

ecosystems in the Gulf of Cadiz (SW Spain). ---- *Chemosphere* 46, 1033-1043. (*Microdeutopus gryllotalpa* as test animal).

DERMOTT, R. 2001. Sudden disappearance of the amphipod *Diporeia* from eastern Lake Ontario, 1993-1995. ---- *Journal of Great Lakes Research* 27, 423-433.

DIAZ-YUSBELLY, J. & A. MARTIN 2001. New records of amphipods (Crustacea: Amphipoda) from shallow waters of the Caribbean coast of Venezuela. ---- *Revista de Biología Tropical* 49, 1271-1276. (Not seen)

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DUNHAM, J.S. & D.A.DUFFUS 2002. Diet of Gray Whales (*Eschrichtius robustus*) in Clayoquot Sound, British Columbia, Canada. ---- *Marine Mammal Science* 18, 419-437. (*Ampelisca* spp very important in diet.)

EIANE, K. & M. DAASE 2002. Observations of mass mortality of *Themisto libellula* (Amphipoda, Hyperiidae). ---- *Polar Biology* 25, 396-398.

ESCOBAR-BRIONES, E., I. WINFIELD, M. ORTIZ, R. GASCA & E. SUAREZ 2002. *Amphipoda*. ---- Pp 341-371 in J. Ll. Bousquets & J.J. Morrón (eds). Biodiversidad, taxonomía y biogeografía de artrópodos de México.

Hacia una síntesis de su conocimiento. Vol. III. Mexico 2002. (An important paper with much information about a little-known area.)

FADIL, F. & M. DAKKI 2001. Remarques sur la présence du genre *Gammarus* (Crustacés, Amphipodes) au Maroc, avec description d'une nouvelle espèce. ---- *Beaufortia* 51 (9), 153-161. (*G. maroccanus* n.sp. from freshwater in central Morocco. Also distribution maps for *G. gauthieri*, *G. alcalceolatus*, *G. rouxi* and *G. microps*.)

FAIRY, R., E.R.LONG, C.A.ROBERTS, B.S.ANDERSON, B.M.PHILLIPS, J.W.HUNT, H.R.PUCKETT & C.J. WILSON 2001. An evaluation of methods for calculating mean sediment quality guideline quotients as indicators of contamination and acute toxicity to amphipods by chemical mixtures. ---- *Environmental Toxicology & Chemistry* 20, 2276-2286.

FAY, J.A. et al. 2001. *Guide to the freshwater invertebrates of Southern Africa. Volume 4: Crustacea III. Bathynellacea, Amphipoda, Isopoda, Spelaeogriphacea, Tanaidacea, and Decapoda.* ---- C.of P., S.Africa (Not seen. Can anybody get me the complete reference?)

FJELLHEIM, A., A. TYSSE & V. BJERKNES 2001. Reappearance of highly acid-sensitive invertebrates after liming of an alpine lake ecosystem. ---- *Water, Air and Soil Pollution* 131, 1391-1396. (i.a. *Gammarus lacustris*)

FRELON-RAIMOND, M., V.B.MEYER-ROCHOW, A. UGOLINI & G. MARTIN 2002. Intracerebral ocelli in an amphipod: Extraretinal photoreceptors of the sandhopper *Talitrus saltator* (Crustacea: Amphipoda). ---- *Invertebrate Biology* 121, 73-78

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basins.) Irkutsk State University, Irkutsk. 166 pp. (In Russian. (Data on 12 spp of Amphipoda, phenol compounds and heavy metals.)

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GOEDKOOP, W., L. SONESTEN, G. AHLGREN & M. BOBERG 2000. Fatty acids in profundal benthic invertebrates and their major food resources in Lake Erken, Sweden: seasonal variation and trophic indications. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 57, 2267-2279.

GONZALEZ, E.R. & L. WATLING 2001. Three new species of *Hyaella* from Chile. ---- *Hydrobiologia* 464, 175-199. (The three new species are *H. chiloensis* n.sp (Chiloe island), *H. costera* n.sp. (Antofagasta, lowland S. Chile) and *H. kochi* n.sp. (Bofedal de Arabillo, highland N.Chile). Also *H. lassamancinii* is reported from Chile.)

GONZALEZ, E.R.. & L. WATLING 2002. Redescription of *Hyaella azteca* from its type locality, Vera Cruz, Mexico (Amphipoda: Hyaellidae). ---- *Journal of Crustacean Biology* 22, 173-183.

GOVORUKHINA, E.B. 2001. (*Structure of populations of some mass species of Baikalian amphipods in the night migratory complex.*) ---- Pp 109-115 in V.V.Takhteev (ed.). (Researches on the water fauna of East Siberia basins.) Irkutsk State University, Irkutsk. 166 pp.(In Russian.)

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impacts? ---- *Marine Environmental Research* 53, 95-116. (Mainly the hydrocarbons! *Corophium volutator* used as test animal.)

GREENWOOD, K.S., J.H.THORP, R.B.SUMMERS & D.L.GUELDA 2001. Effects of an exotic bivalve mollusc on benthic invertebrates and food quality in the Ohio river. ---- *Hydrobiologia* 462, 169-172. (*Dreissena* increase led to increased biomass of *Gammarus fasciatus*.)

GRIGOROVICH, I.A., H. MacISAAC, N.V.SHADRIN & E.L.MILLS 2002. Patterns and mechanisms of aquatic invertebrate introductions in the Ponto-Caspian region. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 59, 1189-1208.

GUERRA-GARCIA, J.M. 2001. The Caprellidea (Crustacea: Amphipoda) collected by the expedition "Grigore Antipa" National Museum of Natural History from Tanzania, with the description of a new genus and two new species. ---- *Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa"* 43, 23-45. (Deals with *Pseudocaprella pambanensis*, *Fallotritella biscayensis*, *Hemiaeginina minuta*, *Paracaprella tenuis*, *Paradeutella tanzaniensis* n.sp. (Mbudy island, Tanzania), *Protella similis*, *Tanzacaprella bacescui* n.gen., n.sp. ('St. 91', Tanzania), and *Tripotella amica*. A key to all species is provided.)

GUERRA-GARCIA, J.M. 2002. Redescription of five rare caprellids (Crustacea: Amphipoda: Caprellidea) collected from Tanzanian coasts. ---- *Helgoland Marine Research* 55, 221-231. (Deals with *Pseudocaprellina pambanensis*, *Fallotritella biscayensis*, *Paracaprella tenuis*, *Protella similis* and *Tripotella amica*.)

GUERRA-GARCIA, J.M. 2002. Revision of the genus *Deutella* (Crustacea: Amphipoda: Caprellidea) with description of a new species, redescription of *Deutella venenosa* Mayer, 1890, and a key to the species of *Deutella*. ---- *Journal of Natural History* ??, ???-??? (Deals with *D aspiducha*, *D. californica*, *D. incerta*, *D margaritae* n.sp. (Isla Margarita, Venezuela), *D. mayeri*, *D. schiecke*, *D. vema* (transferred from *Luconacia*, here considered a junior synonym of *Deutella*), and *D. venenosa*. A key is provided.)

GUERRA-GARCIA, J.M. & C.O.COLEMAN 2002. Antarctic caprellids (Crustacea: Amphipoda) collected during the "Polarstern" cruise 42 ANT XIV/2. ---- *Organismic Diversity & Evolution* 1, *Electronic Supplement* 7, 1-17. (Complete redescriptions of *Aeginoides gaussi*, *Caprellinoides mayeri*, *C. tristanensis*, *Paraproto condylata* and *Pseudododecas bowmani*.)

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- GUERRA-GARCIA, J.M. & J.C. GARCIA-GOMEZ 2001. The spatial distribution of Caprellidea (Crustacea: Amphipoda): A stress bioindicator in Ceuta (North Africa, Gibraltar area). ----*PSZN Marine Ecology* 22, 357-367.
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- GUERRA-GARCIA, J.M., J.E.SANCHEZ-MOYANO & J.C.GARCIA-GOMEZ 2001. Two new species of *Caprella* (Crustacea: Amphipoda: Caprellidea) collected from sandy bottoms in the Strait of Gibraltar. ---- *Hydrobiologia* 448, 181-192. (*C. pseudorapax* n.sp and *C. sabulensis* n.sp.)
- GUERRA-GARCIA, J.M., J.E.SANCHEZ-MOYANO & J.C.GARCIA-GOMEZ 2002. *Caprella caulerpensis* (Crustacea: Amphipoda), a new species associated with *Caulerpa prolifera* from the Strait of Gibraltar. ---- *Journal of the Marine Biological Association UK* 82, 843-846.
- GUERRA-GARCIA, J.M. & I. TAKEUCHI 2001. The Caprellidea (Crustacea: Amphipoda) from Ceuta, North Africa, with the description of three species of *Caprella*, a key to the species of *Caprella*, and biogeographical discussion. ---- *Journal of Natural History* 36, 675-714. (With descriptions of *C. ceutae* n.sp., *C. danilevskii*, *C. erethizon*, *C. liparotensis*, *C. santosrosai*, *C. penantis*, and *C. tuberculata*, and a key to all 13 *Caprella* of the area.)
- GUERRA-GARCIA, J.M. & M. THIEL 2001. (The caprellid fauna (Crustacea: Amphipoda: Caprellidea) from the coast of Coquimbo, northern-central Chile, with a taxonomic key to species identification.) ---- *Revista Chilena de Historia Natural* 74, 873-888. (In Spanish. Descriptions of, and key to, 6 caprellid species, of which *Paracaprella pusilla* is new to Pacific S.America, and *Deutella venenosa* is reported only for the second time.)
- HAYWARD, B.W., A.B.STEPHENSON, M.S.MORLEY, W.M.BLOM, H.R.GRENFELL, F.J.BROOK, J.L.RILEY, F. THOMPSON &

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HENRY, K.S., W.H.WIELAND, D.E.POWELL & J.P.GIESY 2001. Laboratory analyses of the potential toxicity of sediment-associated polydimethylsiloxane to benthic macroinvertebrates. ---- *Environmental Toxicology & Chemistry* 20, 2611-2616. (i.a. *Hyalella azteca*)

HO, K.T., R.M.BURGESS, M.C.PELLETIER, J.R.SERBST, S.A.RYBA, H.G.CANTWELL, A. KUHN & P. RACZELOWSKI 2002. An overview of toxicant identification in sediments and dredged materials. ---- *Marine Pollution Bulletin* 44, 286-293.

HOLMES, J.M., N.M.WHITELY, J.L.MAGMAY & A.J.EL HAJ 2002. Comparison of the variable long regions of myosin heavy chain genes from Antarctic and temperate isopods. ---- *Comparative Biochemistry & Physiology* 131B, 349-359. (In spite of its title, this paper also contains data on the amphipod *Eulimnogammarus verrucosus*.)

HOLSINGER, J.R. 2000. *Ecological derivation, colonization, and speciation*. - - - Pp 399-415 in H.Wilkens, D.C.Culver & W.F.Humphreys (eds). *Ecosystems of the world.30. Subterranean Ecosystems*. Elsevier.

HOLSINGER, J.R. & S. RUFFO 2002. *Indoweckelia superstes* n.gen. n. sp. from the subterranean waters of Socotra Island: the first weckeliid amphipod crustacean (Hadziidae) found in the Indo-West Pacific region. ---- *Bolletino del Museo Civico di Storie Naturale de Verona* 26, 27-36. (From a well on Socotra Island.)

HOP, H., T. PEARSON, E. NØST HEGSETH, K.M.KOVACS, C. WIENCKE, S. KWASNIEWSKI, K. EIANE, F. MEHLUM, B. GULLIKSEN, M. WLODARSKA-KOWALCZUK, C. LYDERSEN, J.M.WESLAWSKI, S. COCHRANE, G. W. GABRIELSEN, R.J.S.LEAKEY, O.J.LØNNE, M. ZAJACZKOWSKI, S. FALK PETERSEN, M. KENDALL, S.A.WÄNGBERG, K. BISCHOF, A.Y.VORONKOV, N.A.KOVALTCHOUK, J. WIKTOR, M. POLTERMANN, G. di PRISCO, C. PAPUCCI & S. GERLAND 2002. The marine ecosystem of Kongsfjorden, Svalbard. ---- *Polar Research* 21, 167-208.

HOSONO, T. & H. MUNEHARA 2001. (Caprellids (Crustacea, Amphipoda, Caprellidea) from Usujiri, Pacific coast of southern Hokkaido.) ---- *Bulletin of Fisheries Sciences, Hokkaido University* 52, 11-37. (In Japanese, not seen. Nine *Caprella* spp are described, and keys provided. *C. carinata* and *C. cristibrachium* are new for Hokkaido.)

HOU, Zh-e & S-q LI 2002. A new cave amphipod of the genus *Sinogammarus* from China. ---- *Crustaceana* 75, 815-825. (*S. chuanhui* n.sp. from a cave in Chongqing city, Sichuan, China.)

IKEN, K., C.D.AMSLER, J.M.HUBBARD, J.B. McCLINTOCK & B.J.BAKER 2001. Preliminary results on secondary metabolites from Antarctic brown algae and their ecological relevance. ---- *Journal of Phycology* 37, 26-?.

JANSEN, T. 2002. A taxonomic revision of *Westwoodilla* Bate, 1862 (Crustacea: Amphipoda), including descriptions of two new species. ---- *Steenstrupia* 27, 83-136. (This beautiful monograph deals with *W. caecula*, (*W. abyssalis*), (*W. asinuata*), *W. brevicar* (revived), *W. helle* n.sp. (N.Iceland), *W. longimana*, *W. manta*, *W. megalops* (revived), (*W. oxyrhyncha*), (*W. rectangulata*), *W. rectirostris*, and *W. tone* n.sp. (Victoria, B.Col., Canada). No material was available for the taxa in parentheses.)

JARAMILLO, E., H. CONTRERAS, C. DUARTE & P. QUIJON 2001. Relationships between community structure of the intertidal macrofauna and sandy beach characteristics along the Chilean coast. ---- *PSZN Marine Ecology* 22, 323-342.

JARAMILLO, E., C. DUARTE & H. CONTRERAS 2000. Sandy beach macroinfauna from the coast of Ancud, Isla de Chiloe, southern Chile. ---- *Revista Chilena de Historia Natural* 73, 771-786. (Not seen)

JAUME, D. & K. CHRISTENSEN 2001. Amphi-Atlantic distribution of the subterranean amphipod family Metacrangonyctidae (Crustacea, Gammaridea). - --- *Contributions to Zoology* 70, 99-125. (Two new *Metacrangonyx* spp are described from Hispaniola, *M. dominicanus* n.sp from the southern Dominican Republic and *M. samanensis* n.sp. from the northern part of this country. These are the first W-Atlantic/Caribbean members of the family.)

JAZDZEWSKI, K., C. DE BROYER, M. PUDLARZ & D. ZIELINSKI 2001. Seasonal fluctuations of vagile benthos in the uppermost sublittoral of a maritime Antarctic fjord. ---- *Polar Biology* 24, 910-917.

JUST, J. 2002. Review of *Pseudopleonexes* Conlan, 1982, with a new species from Australia (Crustacea: Amphipoda : Ampithoidae).---- *Records of the Australian Museum* 54, 31-40. (*P. sheardi* n.sp from S.Australia)

KAMALTYNOV, R. 2001. (*Amphipods (Amphipoda: Gammaroidea)*.) ---- Pp 572-831 in (Index of animal species inhabiting Lake Baikal and its catchment area. Vol. I Lake Baikal. Book 1.) Nauka, Novosibirsk. (In Russian. At last an up-to date catalogue of all amphipods in the so wonderfully diverse lake Baikal in Siberia! The catalogue is in Russian, but short descriptions of all new taxa are provided in English on pp 765-818. I have here given a first survey of the new taxa. In addition a number of former ssp have been raised to specific rank. If the author gives his permission, I shall try to give a further survey of his classification on the amphipod website, that way making it more widely accessible.

The following new taxa are described: In the Acanthogammaridae:

Acanthogammarus (Ancyracanthus n. subgenus) (type *Gammarus godlewskii* var. *victorii*; +3(i.e. with three other spp)); *Diplacanthus* n.gen. (type *Acanthogammarus godlewskii* var. *brevispinus* ; monotypic), *Cornugammarus* n.gen. (type *Polyacanthus maximus*; monotypic), *Oxyacanthus* n.gen. (type *Polyacanthus flavus*; +5), *Carinurus karamani* n.sp., *Dorogostaiskia* n. gen. (type *Spinacanthus insularis*; +2), *Dedyuola* n. gen. (type *Gammarus armatus*; +2), and *Hyaellopsis linevitschae* n.sp.. In the subfamily Carinogammarinae new taxa are *Aspretus* n.gen. (type *Asprogammarus puer*; +1), and *Eremogammarus* n.gen. (type *Gammarus puella*; monotypic). No new taxa in the Parapallaseinae. In the Plesiogammarinae new taxa are *Plesiogammarus (Caecogammarus* n. subgen.) (type *Plesiogammarus gerstaeckeri brevis*; +3), *Sentogammarus* n. gen. (type *Gammarus zienkoviczii*; monotypic), and *Supernogammarus* n.gen. (type *Plesiogammarus longicornis*; monotypic). In the Poekilogammarinae the taxon *Inobsequentus* Takhteev is raised to generic rank, and a new taxon is *Nyctoporea* n.gen. (type *Poekilogammarus sukaczewi*; monotypic). In the Abyssogammarinae new taxa are *Laxmannia* n.gen. (type *Abyssogammarus swartschewskii*; monotypic), *Sluginella* n.gen. (type *Eulimnogammarus pachycerus*; +2), *Sluginella (Lamogammarus* n. subgen.) (type *Eulimnogammarus macrophthalmus*; +3), and *Barguzinia* n.gen. (type *Abyssogammarus calceolatus*; monotypic). In the Eulimnogammarinae there are no new taxa. In the Odontogammarinae new taxa are *Berchinia* n.gen.(type *Poekilogammarus curvimanus*; monotypic), *Ommatogammarus (Pretiositus* n.

subgen.) (type *Ommatogammarus carneolus melanophthalmus*; +2), *Profundalia* n. gen. (type *Eulimnogammarus tenuis*; monotypic), and *Tengisia* n.gen. (type *Gammarus capellus*; +3). The family Baikalogammaridae is new (type genus *Baikalogammarus*; monotypic). The Macrohectopidae are unchanged. In the Micruropodidae, there are new subfamilies, i.e. the Crypturopodinae (*Crypturopus* +1) n. subfam. , the Gmelinoidinae (*Gmelinoides* ; monotypic), and the Micruropodinae (*Micruropus* +1), with the new genus *Linevichella* (type *Gammarus vortex*; +1), and the new spp *Micruropus stelleri* n.sp and *M. tomilovi* n.sp.. The Pachyschesidae remain unchanged, having been recently monographed. In the Pallaseidae the new taxa are *Pallaseopsis* Kamaltynov & Väinölä in Kamaltynov, n.gen.(type *Gammarus grubii*; + 2), and *Babr* Kamaltynov & Väinölä in Kamaltynov, n.gen. (type *Gammarus lovenii* Dybowsky,(a junior homonym of *G. lovenii* Bruzelius)= *Pallasea baikali*; +2). Finally new families are erected for the Pontocaspian Behningiellidae (*Behningiella*, *Zernovia* and ?*Cardiophilus*), and the monotypic Iphigenellidae (*Iphigenella*.)

KATAGAN, T., A. KACATAS & M. SEZGIN 2001. Amphipod biodiversity of shallow water *Posidonia oceanica* (L.) Delile, 1813 meadows on the Aegean coast of Turkey. ---- *Acta Adriatica* 42 (2), 25-34. (Not seen)

KELAHER, B.P. & J.K.LOWRY 2002. A new species of *Elasmopus* and its variation in density with respect to physical architecture of coralline algal turf. - --- *Journal of Crustacean Biology* 22, 861-873. (*E. warra* n.sp. from NSW shores)

KOBAYASHI, T., S. WADA & H. MUKAI 2002. Extended maternal care observed in *Parallorchestes ochotensis* (Amphipoda, Gammaridea, Talitroidea, Hyalidae). ---- *Journal of Crustacean Biology* 22, 135-142.

KOLBE, K. & H. MICHAELIS 2001. Long-term changes of intertidal benthic assemblages in the mesohalinity of the Weser estuary. ---- *Senckenbergiana Maritima* 31, 197-204.

KONOPACKA, A. & K. JAZDZEWSKI, K. 2002. *Obesogammarus crassus* (G.O.Sars, 1894)—one more Ponto-Caspian gammarid species in Polish waters. ---- *Fragmenta Faunistica* 45, 19-26.

KONOPACKA, A., K. JAZDZEWSKI & W. JEDRYCZOWSKI 2001. (*Malacostracans (Malacostraca) from the Bieszczady Mountains*). ---- Pp 35-47 in J.Pawlowski (ed.). Monografie Bieszczadzkie 7 (2000). (In Polish, 27 amphipod spp).

KRAPP-SCHICKEL, T. & J. KULLA 2002. Where is the true *Apherusa bispinosa* (Bate, 1857) in the 'haystack' of citations? ---- *Bolletino del Museo Civico de Storie Naturale di Verona* 26, 81-103. (Deals with *A. bispinosa*, *A. ?bispinosa*, *A. macrocephala* (M.Sars, 1858) (revived), and *A. henneguyi*.)

KRAPP-SCHICKEL, T. & W. VADER 2002. Redescription and generic position of *Cheirocratella thori* Stephensen, 1940 (Amphipoda, Gammaroidea). ---- *Sarsia* 87, 9-18.

KUHN, A., W.R.MUNNS, J. SERBST, Ph. EDWARDS, M.G.CANTWELL, T. GLEASON, M. PELLETIER & W. BERRY 2001. Evaluating the ecological significance of laboratory response data to predict population-level effects for the estuarine amphipod *Ampelisca abdita*. ---- *Environmental Toxicology and Chemistry* 21, 865-874.

LAFFERTY, K.D., F. THOMAS & R. POULIN 2000. *Evolution of host phenotype by parasites and its consequences*. ---- Pp117-127 in R.Poulin, S. Morand & A. Skorping (eds). *Evolutionary biology of host-parasite relationships: theory meets reality*. Elsevier, Amsterdam.

LeCROY, S.E. 2002. *An illustrated identification guide to the nearshore marine and estuarine gammaridean Amphipoda of Florida. Vol. 2. Families Ampeliscidae, Amphilochidae, Ampithoidae, Aoridae, Argissidae and Haustoriidae*. ---- Florida Dept of Environmental Protection, Tallahassee, pp 197-410. (Volume 2 in this very well executed and extremely useful series of papers, that will allow any ecologist inside and any visitor to Florida to identify the local amphipods with the minimum of problems. It is much to be hoped that funds can be found enabling the author to continue this major service to colleagues.)

LEGEZYNSKA, J. 2001. Distribution patterns and feeding strategies of lysianassid amphipods in shallow waters of an Arctic fjord. ---- *Polish Polar Research* 22, 173-186.

LEPPÄKOSKI, E., S. GOLLASCH, P. GRZUSZKA, H. OJAVEER, S. OLONIN & V. PANOV 2002. The Baltic—a sea of invaders. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 59, 1175-1188.

LOTUFO, G.R. & P.F. LANDRUM 2002. The influence of sediment and feeding on the elimination of polycyclic aromatic hydrocarbons in the freshwater amphipod, *Diporeia sp.* . ---- *Aquatic Toxicology* 58, 137-149.

LOWRY, J.K. & H.E. STODDART 2002. The Amaryllidae of Australia (Crustacea: Amphipoda: Lysianassoidea). ---- *Records of the Australian Museum* 54, 129-214. (A monographic treatment, with keys to and complete descriptions of the Amaryllidinae n. subfam., with *Amaryllis brevicornis*, *A. carrascoi* n.sp. (Flinders isl., S.Austr.), *A. croca* n.sp. (ibidem), *A. diana* n.sp. (W.Austr.), *A. kamata* n.sp. (NSW), *A. keablei* n.sp. (Bass Str., Tasm.), *A. macrophthalma*, *A. migo* n.sp. (W.Austr.), *A. moona* n.sp. (Jervis Bay, NSW), *A. olinda* n.sp. (P.Arthur, Tasm.), *A. philatelica* n.sp. (NSW; NB shown on a 1984 postage stamp!), *A. quokka* n.sp. (Rottneest Isl., W.Austr.), and *A. spencerensis* n.sp. (?????). The genus *Bamarooka* n.gen. has *Amaryllis bathycephala* as type, and further spp are *B. anomala* n.sp. (W.Austr.), *B. dinjerra* n.sp. (W.Austr.), *B. endata* n.sp. (Bass Str.), *B. kimbla* n.sp. (Capricorn isl., Qld), and *B. tropicalis* n.sp. (W.Austr.). The monotypic S.American *Erikus dahli* also belongs here, as does *Wonga* n.gen, also monotypic, and erected for *W. wonga* n.sp. (Bass Str.). The new subfamily Vijayiinae n. subfam. (Why not Vijayinae?) contains *Bathyamaryllis*, with 5 spp, of which *B. kapala* n.sp. (NSW) is new, *Devo* n. gen. (type *D. grahami*), with *D. dubuc* n.sp. (Tasm.), *D. grahami* n.sp. (NSW), and *D. conocephala* (transf. from *Amaryllis*). *Pseudamaryllis* has two spp, and *Vijaya* is monotypic for *V. tenuipes*. The taxon *Paravijaya epiculata* Ren is a junior synonym of *Pseudamaryllis andresi*.)

LOWRY, J.K. & H.E. STODDART 2002. The lysianassoid amphipod genera *Lepidepecreoides* and *Lepidepecreum* in southern waters (Crustacea; Lysianassidae: Tryphosinae). ---- *Records of the Australian Museum* 54, 335-364. (Deals with *Lepidepecreoides bassi* n.sp. (Victoria), *L. chincui* n.sp. (Cincui Bay, S.Chile), *L. nubifer*, *L. talboti* n.sp. (= *L. nubifer* s. Griffiths 1977) (W. of Cape Point, S.Africa), *L. torresi* n.sp. (E of Cape York, Qld), *L. xenopus*, *Lepidepecreum baudini* n.sp. (Victoria), *L. dampieri* n.sp. (W.Austr.), *L. flindersi* n.sp. (Flinders Island, Bass Strait), *L. foraminiferum*, *L. freycineti* n.sp. (Tasmania), *L. infissum* (new to Antarctic), *L. tourville* n.sp. (Tasmania) and *L. urometacarinatum*.)

MacISAAC, H., I.A. GRIGOROVICH & A. RICCIARDI 2002. Re-assessment of species invasions concepts: The Great Lakes as a model. ---- *Biological Invasions* 3 (2001), 405-416.

MACNEIL, C., R.W.ELWOOD & J.F.A.DICK 2001. Persistence times of four amphipod species in the stomachs of brown trout. ---- *Journal of Fish Biology* 59, 1401-1404.

MALTBY, L., S.A.CLAYTON, R.M.WOOD & N.McLOUGHLIN 2002. Evaluation of the *Gammarus pulex in situ* feeding assay as a biomonitor of water quality: Robustness. ---- *Environmental Toxicology & Chemistry* 21, 361-368.

MARSDEN, I.D. 2002. Life-history traits of a tube-dwelling corophioid amphipod, *Paracorophium excavatum*, exposed to sediment copper. ---- *Journal of Experimental Marine Biology & Ecology* 270, 57-72.

MARSDEN, I.D. & C.H.T.WONG 2001. Effects of sediment copper on a tube-dwelling estuarine amphipod, *Paracorophium excavatum*. ---- *Marine and Freshwater Research* 52, 1007-1014.

MAYER, C.M., L.G.RUDSTAM, E.L.MILLS, S.G.CARDIFF & C.A.BLOOM 2001. Zebra mussels (*Dreissena polymorpha*), habitat alteration, and Yellow Perch (*Perca flavescens*) foraging: System-wide effects and behavioural mechanisms. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 58, 2459-2467. (*Gammarus fasciatus*)

MEEKAN, M.G., S.G.WILSON, A. HALFORD & A. RETZEL 2001. A comparison of catches of fishes and invertebrates by two light trap designs, in tropical NW Australia. ---- *Marine Biology, Berlin* 139, 373-381.

MEKHANIKOVA, I.V. 2001. (*Composition and seasonal dynamics of the food of Brandtia parasitica (Dyb.) (Crustacea, Amphipoda) from lake Baikal.*) ---- Pp 62-70 in V.V.Takhteev (ed.). (Researches of the water fauna of east Siberia basins). Irkutsk State University, Irkutsk. 166 pp. (In Russian. This species is not a parasite, but an omnivore.)

MEKHANIKOVA, I.V., G. CHAPELLE & C. DE BROYER 2001. *Echiuropus bekmanae* n.sp. (Crustacea, Amphipoda, Carinogammaridae) from Lake Baikal, retrieved by a new deep-water sampling device. ---- *Hydrobiologia* 462, 241-251. (This deep-water species belongs to the subgenus *Asprogammarus*.)

MEKHANIKOVA, I.V. & V.V.TAKHTEEV 2001. (*Individual variability of mucrocuticular structures in some species of Lake Baikal amphipods.*) ---- Pp 71-87 in V.V.Takhteev (ed.). (Researches of the water fauna of east Siberia

basins.) Irkutsk State University, Irkutsk. 166 pp (In Russian. Many SEM-micrographs of a large number of species.)

MEKHANIKOVA, I.V. & V.V.TAKHTEEV 2001. (*Daily vertical migration of Lake Baikal amphipods: probable causes and ecological importance.*) ---- Pp 88-108 in V.V.Takhteev (ed.). (Researches of the water fauna of east Siberia basins.) Irkutsk State University, Irkutsk. 166 pp. (In Russian)

MEYER-ROCHOW, V.B. & H.L.NILSSON 1999. *Compound eyes in polar regions, caves, and the deep-sea.* ---- Pp 125-142 in E.Eguchi & Y. Tominaga (eds). Atlas of arthropod sensory receptors. Dynamic morphology in relation to function. Springer Verlag, Tokyo.

MIRONOV, A.N., A.V.GEBRUK & L.I.MOSKALEV 2002. (*Biogeography of hydrothermal vent communities and obligate hydrothermal taxa.*) ---- Pp 410-455 in A.V.Gebruk (ed.). (Biology of hydrothermal systems) KMK Press, Moskva. (In Russian, with lists of obligate hydrothermal taxa.)

MOORE, P.G. & P.S.RAINBOW 1997. Ferritin crystals in the gut caeca of a deep-sea hydrothermal vent stegocephalid (Crustacea: Amphipoda). ---- *Journal of the Marine Biological Association UK* 77, 269-272.

MOORE, P.G., P.S.RAINBOW, J.M.WEEKS & B.D.SMITH 1995. Observations on copper and zinc in an ecological series of talitroidean amphipods (Crustacea: Amphipoda) from the Azores. ---- *Açoreana*, Suppl. 1995, 93-102.

MORRIS, L. & M.J.KEOUGH 2001. Vertical migration of infaunal invertebrates in response to dosing with secondary treated sewage effluent: A microcosm experiment. ---- *Journal of Aquatic Ecosystem Stress and Recovery* 9, 43-65. (*Corophium insidiosum*)

MOUNEYRAC, C., J.C.AMIARD, C. AMIARD-TRINQUET, A. COTTIER, P.S.RAINBOW & B.D.SMITH 2002. Partitioning of accumulated trace metals in the talitrid amphipod crustacean *Orchestia gammarellus*: A cautionary tale on the use of metallothionein-like proteins as biomarkers. ---- *Aquatic Toxicology* 57, 225-242.

MÜLLER, J. 2001. Invasion history and genetic population structure of riverine macroinvertebrates. ---- *Zoology, Jena* 104, 346-355. (Not seen).

MUNNS, W.R., W.J.BERG & T.H.DEWITT 2002. Toxicity testing, risk assessment, and options for dredged material management. ---- *Marine Pollution Bulletin* 44, 294-302.

NAKAOKA, M., T. TOYOHARA & M.MATSUMASA 2001. Seasonal and between-substrate variation in mobile epifaunal community in a multispecific seagrass bed of Otsuchi Bay, Japan. ---- *PSZN Marine Ecology* 22, 379-395.

NALEPA, T.F., D.L.FANSLOW & M.MESSICK 2001. A further examination of the decline in the benthic amphipod *Diporeia* in southern Lake Michigan. --- - *44th Conference on Great-Lakes Research, June 2001, Abstr.*, 100.

NASSIRI, Y., P.S.RAINBOW, C.AMIARD-TRINQUET, F. RAINGLET & B.D.SMITH 2000. Trace metal detoxification in the ventral caeca of *Orchestia gammarellus* (Crustacea: Amphipoda). ---- *Marine Biology (Berlin)* 136, 477-484.

NEUPARTH, T., F.O.COSTA & M.H.COSTA 2002. Effects of temperature and salinity on life history of the marine amphipod *Gammarus locusta*. Implications for ecotoxicological testing. ---- *Ecotoxicology* 11, 61-73.

NIJSSEN, F., Th. BREY, G. LEPOINT, J.-M. BOUQUEGNEAU, C. DE BROYER & P. DAUBY 2002. A stable isotope approach to the eastern Weddell Sea trophic web: Focus on benthic amphipods. ---- *Polar Biology* 25, 280-287.

OHJI, M., I. TAKEUCHI, S. TAKAHASHI, S. TANAB & N. MIYAZAKI 2002. Differences in the acute toxicities of tributyltin between the Caprellidea and the Gammaridea (Crustacea. Amphipoda). ---- *Marine Pollution Bulletin* 44, 16-24. (Caprellids are more sensitive)

OLAFSSON, E. & H. LIMÉN 2002. Recovery of soft-bottoms after anoxic events: Laboratory experiments with the amphipod *Monoporeia affinis* from the Baltic Sea. ---- *Ophelia* 56, 121-134.

OLENIN, S. 2000. *Occurrence of Malacostraca glacial relicts in the eastern Gotland basin of the Baltic Sea over the period 1981-1991*. ---- Pp 31-38 in E. Stycynska-Jurewicz (ed.). *Crustacea-relict and rare species*. Crangon 4, Gdynia.

ORTIZ, M. & A. JIMENO 2001. (Pictorial guide for the identification of the families and genera of Gammaridea amphipods of the Iberian peninsula.) ---- *Graellsia* 57, 3-93. (In Spanish. An original pictorial guide, with schematic figures. No doubt very useful indeed, although I have not myself tried it out yet.)

ORTIZ, M., A. MARTIN & D. ATIENZA 2000. (A new species of amphipod of the genus *Tiburonella* (Crustacea Amphipoda Platyischnopidae) from Venezuela.) ---- *Acta Biologica Venezuelana* 20 (2), 29-36. (In Spanish. *T. morrocoyensis* n.sp. from *Thalassia* beds in Morrocoy bay, Venezuela.)

OUTREMAN, Y., L. BELLACHE, S. PLAITOW & F. CÉZILLY 2002. Patterns of intermediate host use and levels of association between two conflicting manipulative parasites. ---- *International Journal of Parasitology* 32, 15-20. (Host is *Gammarus pulex*)

PEDERSON, E.J. & M.S.PETERSON 2002. Bryozoans as ephemeral estuarine habitat and a larval transport mechanism for mobile benthos and young fishes, in the north-central Gulf of Mexico. ---- *Marine Biology, Berlin* 140, 935-947. (*Paracaprella tenuis* common.)

PERRONE, F.M., A DELL'ANNO, R. DANOVARO, N. DELLA CROCE & M.H.THURSTON 2002. Population biology of *Hirondellea* sp. nov. (Amphipoda: Gammaridea: Lysianassoidea) from the Atacama trench (south-east Pacific Ocean). ---- *Journal of the Marine Biological Association UK* 82, 419-425.

POTHOVEN, S.A., D.W.HONDORP, T.F.NALEPA & S.B.BRANDT 2001. Effect of *Diporeia* declines on Lake Michigan forage fishes. ---- *44th Conference on Great-Lakes Research, June 2001, Abstracts*, 109.

POULIN, R. 2001. Progenesis and reduced virulence as an alternative strategy in a parasitic trematode. ---- *Parasitology* 123, 623-630.

POULIN, R. & A.D.M.LATHAM 2002. Inequalities in size and intensity-dependent growth in a mermithid nematode parasite in beach hoppers. ---- *Journal of Helminthology* 76, 65-70. (Host is *Talorchestia quoyana*.)

POULIN, R. & A.D.M. LATHAM 2002. Parasitism and the burrowing depth of the beach hopper *Talorchestia quoyana* (Amphipoda: Talitridae). ---- *Animal*

Behaviour 63, 269-275. ('*Talorchestia* infected with mermithid nematodes burrow deeper.')

PREZANT, R.S., R.B.TOLL, H.B.ROLLINS & E.J.CHAPMAN 2002. Marine macroinvertebrates diversity of St. Catherine's island, Georgia. ---- *American Museum Novitates* 3367, 1-31. (Amph. pp 15-16)

PRONIN, N.M. 2001. (*The new category and new taxonomical group (Amphipoda) of hosts in nematode Philonema sibirica and specificities of its hostal-spatial distribution in L. Baikal.* ---- Pp 55-61 in V.V.Takhteev (ed.). (Researches of the water fauna of East Siberia basins.) Irkutsk State University, Irkutsk. 166 pp. (In Russian. Found in body-cavity of *Acanthogammarus victorii maculosus*, the first ever amphipod host.)

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TAKHTEEV, V.V. 2000. (Essays on the amphipods of Lake Baikal (systematics, comparative ecology, evolution). ---- Irkutsk: Irkutsk State University Press, 356 pp. (In Russian. A most important monograph, especially for those able to read Russian. In a revision at family level, the subfamily Garjajewiinae is erected in the Acanthogammaridae, with *Garjajewia* and 3 other genera. The new family Carinogammaridae contains 4 genera, with *Carinogammarus* as type genus. The new genus *Bazikalovia*, in the Pachyschesiidae(correct spelling?) has as type *Microgammarus simplex*. In the Pallaseidae *Pallasea kesslerii* and *P. g.grubii* are redescribed, while *P. maligna* n.sp. is new. In the Acanthogammaridae the author gives a key to *Acanthogammarus* spp and describes *A. v. victorii*, *A. v. maculosus*, *A. g. godlewskii*, *A. g. gracilispinus* n.subsp., *A.l. lappaceus* n.sp., *A. lappaceus longispinus* n. ssp., *A. brevispinus*, *A. subbrevispinus*, *Propachygammarus maximus*, *Burchania* n.gen. (type *Hakonboeckia meissneri*) and *B. meissneri*. The genus *Parapallasea* is also revised, with a key and descriptions of *P.b. borowskii*, *P. b. wosnessenskii*, *P. b. sitnikovae* n.ssp, *P. lagowskii* (with *P. meyeri* as a junior synonym), *P. p. puzyllii*, and *P. p. nigra* (including

P.p.carinulata). The genus *Ommatogammarus* has 4 species (key provided), among which *O. carneolus melanophthalmus* is redescribed here. The Pachyschesiidae are completely revised, and the brood-parasite genus *Pachyschesis* now contains the following species: *P. bergi*, *P. indiscretus* n.sp., *P. branchialis*, *P. cucuschonok* n.sp., *P. crassus*, *P. bumammus* n.sp., *P. sideljowae* n.sp., *P. sp.*, *P. pinguiculus* n.sp., *P. vorax* n.sp., *P. lamakini* n.sp., *P. bazikalovae*, *P. acanthogammarii* n.sp., *P. karabanowi* n.sp., *P. inquilinus* n.sp., *P. punctiommatum* n.sp., and *P. rarus* n.sp.. Many data on the biology and host specificity of this most interesting genus are provided. Other chapters, which I unfortunately can not read, treat the evolution of Baikal amphipods, and the many parallels between Baikal and marine amphipods. Altogether a most important contribution!)

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NEW AMPHIPOD TAXA IN AMPHIPOD NEWSLETTER 24

A. ALPHABETIC LIST

New families and subfamilies

Amaryllinae Lowry & Stoddart, 2002	Amaryllidae
Baikalogammaridae Kamaltynov, 2001	
Behningiellidae Kamaltynov, 2001	
Carinogammaridae Tachteew, 2000	
Crypturopodinae Kamaltynov, 2001	Micruropodidae
Garjajewiinae Tachteew, 2000	Acanthogammaridae
Gmelinoidinae Kamaltynov, 2001	Micruropodidae

Iphigenellidae Kamal'tynov, 2001
 Micruropodinae Kamal'tynov, 1999 Micruropodidae
 Pallaseidae Tachteew, 2000
 Vijayiinae(recte Vijayinae) Lowry & Stoddart, 2002 Amaryllidae

New genera and subgenera

Ancyracanthus (Acanthogammarus) Kamal'tynov, 2001 Acanthogammarinae
Aspretus Kamal'tynov, 2001 Carinogammarinae
Babr Kamal'tynov & Väinölä,
 in Kamal'tynov, 2001 Pallaseidae
Bamarooka Lowry & Stoddart, 2002 Amaryllidae
Barguzinia Kamal'tynov, 2001 Abyssogammarinae
Bazikalovia Tachteew, 2000 Pachyschesidae
Berchinia Kamal'tynov, 2001 Odontogammarinae
Burchania Tachteew, 2000 Pallaseidae
Caecogammarus (Plesiogammarus)
 Kamal'tynov, 2001 Plesiogammarinae
Cornugammarus Kamal'tynov, 2001 Acanthogammarinae
Dedyuola Kamal'tynov, 2001 Acanthogammarinae
Devo Lowry & Stoddart, 2002 Amaryllidae Vijayinae
Diplacanthus Kamal'tynov, 2001 Acanthogammarinae
Dorogostaiskia Kamal'tynov, 2001 Acanthogammarinae
Eremogammarus Kamal'tynov, 2001 Carinogammarinae
Indoweckelia Holsinger & Ruffo, 2002 ‘Weckeliids’
Lamogammarus (Sluginella)
 Kamal'tynov, 2001 Abyssogammarinae
Laxmannia Kamal'tynov, 2001 Abyssogammarinae
Linevichella Kamal'tynov, 2001 Micruropodinae
Oxyacanthus Kamal'tynov, 2001 Acanthogammarinae
Nyctoporea Kamal'tynov, 2001 Poekilogammarinae
Pallaseopsis Kamal'tynov & Väinölä,
 In Kamal'tynov, 2001 Pallaseidae
Paragrandidierella Aruyama, 2002 Aoridae
Pretiositus (Ommatogammarus)
 Kamal'tynov, 2001 Odontogammarinae
Profundalia Kamal'tynov, 2001 Odontogammarinae
Sentogammarus Kamal'tynov, 2001 Plesiogammarinae
Sluginella Kamal'tynov, 2001 Abyssogammarinae
Supernogammarus Kamal'tynov, 2001 Plesiogammarinae
Tanzacaprella Guerra-Garcia, 2001 Caprellidae
Tengisia Kamal'tynov, 2001 Odontogammarinae

Wonga Lowry & Stoddart, 2002

Amaryllidae

New species and subspecies

<i>acanthogammarii</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>anomala</i> (Bamarooka) Lowry & Stoddart, 2001	Amaryllidae
<i>bacescui</i> (Tanzacaprella) Guerra-Garcia, 2001	Caprellidae
<i>bassi</i> (Lepidepecreoides) Lowry & Stoddart, 2002	Tryphosinae
<i>baudini</i> (Lepidepecreum) Lowry & Stoddart, 2002	Tryphosinae
<i>bekmanae</i> (Echiuropus) Mekhanikova, Chapelle & De Broyer, 2001	Carinogammarinae
<i>brevicalcar</i> (rev.) (Westwoodilla) (Jansen, 2002)	Oedicerotidae
<i>bumammus</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>caerulea</i> (Mallacoota) Appadoo, Myers & Fagonee, 2002	Melitidae
<i>carrascoi</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>caulerpensis</i> (Caprella) Guerra-Garcia, Sanchez-Moyano & Garcia-Gomez, 2002	Caprellidea
<i>ceutae</i> (Caprella) Guerra-Garcia & Takeuchi, 2001	Caprellidea
<i>chevronia</i> (Nedsia) Bradbury, 2002	'melitids'
<i>chiloensis</i> (Hyaella) Gonzalez & Watling, 2001	Hyaellidae
<i>chincui</i> (Lepidepecreoides) Lowry & Stoddart, 2002	Tryphosinae
<i>chanhui</i> (Sinogammarus) Hou & Li, 2002	Gammaridae
<i>costera</i> (Hyaella) Gonzalez & Watling, 2001	Hyaellidae
<i>croca</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>cucuschonok</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>dianae</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>dinjerra</i> (Bamarooka) Lowry & Stoddart, 2002	Amaryllidae
<i>dominicanus</i> (Metacrangonyx) Jaume & Christensen, 2001	
<i>dubuc</i> (Devo) Lowry & Stoddart, 2002	Amaryllidae Vijayinae
<i>endota</i> (Bamarooka) Lowry & Stoddart, 2002	Amaryllidae
<i>flindersi</i> (Lepidepecreum) Lowry & Stoddart, 2002	Tryphosinae
<i>freycineti</i> (Lepidepecreum) Lowry & Stoddart, 2002	Tryphosinae
<i>gracilispinus</i> (Acanthogammarus godlewskii) Kamaltynov, 2001	Acanthogammarinae
<i>grahami</i> (Devo) Lowry & Stoddart, 2002	Amaryllidae Vijayinae
<i>halleti</i> (Nedsia) Bradbury, 2002	Melitids
<i>helle</i> (Westwoodilla) Jansen, 2002	Oedicerotidae
<i>indiscretus</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>inquilinus</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>jareckii</i> (Podocerus) Baldinger & Gable, 2002	Podoceridae

<i>kamata</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>kapala</i> (Bathymaryllis) Lowry & Stoddart, 2002	Amaryllidae Vijayinae
<i>karabanovi</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>karamani</i> (Carinurus) Kamaltynov, 2001	Acanthogammarinae
<i>keablei</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>kimbla</i> (Bamarooka) Lowry & Stoddart, 2002	Amaryllidae
<i>kochi</i> (Hyaella) Gonzalez & Watling, 2001	Hyaellidae
<i>lamakini</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>lappaceus</i> (Acanthogammarus) Tachteew, 2000	Acanthogammarinae
<i>linevitschae</i> (Hyalellopsis) Kamaltynov, 2001	Hyalellopsinae
<i>longispinus</i> (Acanthogammarus lappaceus) Tachteew, 2000	Acanthogammarinae
<i>macrocephala</i> (rev.) (Apherusa) Krapp-Schickel & Kulla, 2002	Calliopiidae
<i>maligna</i> (Pallasea) Tachteew, 2000	Pallaseidae
<i>margaritae</i> (Deutella) Guerra-Garcia, 2002	Caprellidea
<i>maroccanus</i> (Gammarus) Fadil & Dakki, 2001	Gammaridae
<i>megalops</i> (rev.) (Westwoodilla) Jansen, 2002	Oedicerotidae
<i>miceli</i> (Quadrimeaera) Appadoo, Myers & Fagonee, 2002	Melitidae
<i>migo</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>minima</i> (Paragrandidierella) Ariyama, 2002	Aoridae
<i>mirandella</i> (Quadrimeaera) Appadoo, Myers & Fagonee, 2002	Melitidae
<i>moona</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>morrocoyensis</i> (Tiburonella) Ortiz, Martin & Atienza, 2000	Platyischnopidae
<i>olinda</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>ollii</i> (Andaniexis) Berge, De Broyer & Vader, 2000	Stegocephalidae
<i>onubensis</i> (Parvipalpus) Guerra-Garcia, Garcia-Asencio & Sanchez-Moyano, 2001	Caprellidea
<i>philatelica</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>pinguiculus</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>pseudorapax</i> (Caprella) Guerra-Garcia, Sanchez-Moyano & Garcia-Gomez, 2001	Caprellidea
<i>quokka</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>rarus</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>sabulensis</i> (Caprella) Guerra-Garcia, Sanchez-Moyano & Garcia-Gomez, 2001	Caprellidea
<i>samanensis</i> (Metacrangonyx) Jaume & Christensen, 2001	
<i>sheardi</i> (Pseudopleonexes) Just, 2002	Ampithoidae

<i>sideljowae</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>sitnikovae</i> (Parapallasea borowskii) Tachteew, 2000	Parapallaseinae
<i>spencerensis</i> (Amaryllis) Lowry & Stoddart, 2002	Amaryllidae
<i>stefania</i> (Nedsia) Bradbury, 2002	melitids
<i>stelleri</i> (Micruropus) Kamaltynov, 2001	Micruropodinae
<i>superstes</i> (Indoweckelia) Holsinger & Ruffo, 2002	weckeliids
<i>talboti</i> (Lepidepecreoides) Lowry & Stoddart, 2002	Tryphosinae
<i>tanzaniensis</i> (Paradeutella) Guerra-Garcia, 2001	Caprellidea
<i>tomilovi</i> (Micruropus) Kamaltynov, 2001	Micruropodinae
<i>tone</i> (Westwoodilla) Jansen, 2002	Oedicerotidae
<i>torresi</i> (Lepidepecreoides) Lowry & Stoddart, 2002	Tryphosinae
<i>tourville</i> (Lepidepecreum) Lowry & Stoddart, 2002	Tryphosinae
<i>tropicalis</i> (Bamarooka) Lowry & Stoddart, 2002	Amaryllidae
<i>vorax</i> (Pachyschesis) Tachteew, 2000	Pachyschesidae
<i>warra</i> (Elasmopus) Kelaher & Lowry, 2001	Melitidae
<i>watlingi</i> (Phippsiella) Berge, De Broyer & Vader, 2000	Stegocephalidae
<i>wonga</i> (Wonga) Lowry & Stoddart, 2002	Amaryllidae

B. Systematic index

Here the new classification of Baikal amphipods by Kamaltynov (2001) (for extract see further down in AN 24) is followed. The Lysianassoidea are still kept together, however, awaiting their monographic treatment by Lowry & Stoddart, although the new taxa are grouped in the more restricted families in this group. ‘hadziids’ and ‘weckeliids’ are kept as informal groups also this time.

Acanthogammaridae

Acanthogammarus godlewskii GRACILISPINUS, LAPPACEUS,
lappaceus LONGISPINUS.

Acanthogammarus (ANCYRACANTHUS)

ASPRETUS

BERCHINIA

Plesiogammarus (CAECOGAMMARUS)

Carinurus KARAMANI

CORNUGAMMARUS

DEDYUOLA

DIPLACANTHUS

Echiuropus BEKMANAE

EREMOGAMMARUS
 GARJAJEWIINAE
 Hyalellopsis LINEVITSCHAE
 NYCTOPOREA
 OXYACANTHUS
 Parapallasea borowskii SITNAKOVAE
 SENTOGAMMARUS
 SUPERNOGAMMARUS

Ampithoidae

Pseudopleonexes SHEARDI

Aoridae

PARAGRANIDIERELLA MINIMA

BAIKALOGAMMARIDAE

BEHNINGIELLIDAE

Calliopiidae

Apherusa MACROCEPHALA

Caprellidea

Caprella CAULERPENSIS, CEUTAE, PEUDORAPAX, SABULENSIS
 Deutella MARGARITAE
 Paradeutella TANZANIENSIS
 Parvipalpus ONUBENSIS
 TANZACAPRELLA BACESCUI

Eulimnogammaridae

BARGUZINIA
 BERCHINIA
 Sluginella (LAMOGAMMARUS)
 LAXMANNIA
 Ommatogammarus (PRETIOSITUS)
 PROFUNDALIA
 SLUGINELLA
 TENGISIA

Gammaridae

Sinogammarus CHANHUI

'hadziids'

Metacrangonyx DOMINICANUS, SAMANENSIS

Nedsia CHEVRONIA, HALLETI, STEFANIA

Hyalellidae

Hyalella CHILOENSIS, COSTERA, KOCHI

IPHIGENELLIDAE**Lysianassoidea****Amaryllidae**

Amaryllis CARRASCOI, CROCA, DIANAE, KAMATA, KEABLEI,
MIGO, MOONA, OLINDA, PHILATELICA, QUOKKA,
SPENCERENSIS

Bathyamaryllis KAPALA

BAMAROOKA ANOMALA, DINJERRA, ENDOTA, KIMBLA,
TROPICALIS

DEVO DUBUC, GRAHAMI

VIJAYINAE

WONGA WONGA

Tryphosinae

Lepidepecreoides BASSI, CHINCUI, TALBOTI, TORRESI

Lepidepecreum BAUDINI, FLINDERSI, FREYCINETI, TOURVILLE

Melitidae

Elasmopus WARRA

Mallacoota CAERULEA

Quadrimaera MICHELI, MIRANDELLA

Micruropodidae

CRYPTUROPODINAE

GMELINOIDINAE

LINEVICHELLA

MICRUROPODINAE

Micruropus STELLERI, TOMILOVI

Oedicerotidae

Westwoodilla BREVICALCAR, HELLE, MAGALOPS, TONE

Pachyschesidae

BAZIKALOVIA

Pachyschesis ACANTHOGAMMARI, BUMAMMUS,
CUCUSCHONOK, INDISCRETUS, INQUILINUS,
KARABANOVI, LAMAKINI, LINGUICULUS, RARUS,
SIDELJOWAE, VORAX

PALLASEIDAE

BABR
BURCHANIA
Pallasea MALIGNA
PALLASEOPSIS

Platyischnopidae

Tiburonella MORROCOYENSIS

Podoceridae

Podocerus JARECKII

Stegocephalidae

Andaniexis OLLII
Phippsiella WATLINGI

weckeliids

INDOWECKELIA SUPERSTES