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


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


APPADOO, Ch., A.A. MYERS & I. FAGOONEE 2002. The genera *Quadrimaera* and *Maera* (Amphipoda: Gammaridea: Melitidae) from Mauritius. ---- *Journal of Natural History* 36, 641-673. (Deals with *Quadrimaera 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.)


BALDANOVA, D.R. & N.M.PRONIN 2001. (*Gammarids as intermediate hosts of acanthocephalans.*) ---- Pp 50-54 in V.V.Takhteev (ed.). (Researeches 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.)


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)


BORGA, K., G.W. GABRIELSEN & J.U.SKAARE 2002. Differences in contamination between pelagic and sympagic invertebrates in the Arctic marginal ice zone: Influence of habitat, diet and geography. ---- *Marine Ecology Progress Series* ?, ?-?. (only seen as part of PhD thesis)


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.)


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.”)


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.)

COLEMAN, C.O. 2002. The transverse apodeme bridge from the cephalothorax of Amphipoda (Crustacea) and its significance for systematics. ---- *Journal of Natural History* 36, 37-49. (Not seen)


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


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


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


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


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 Hyalella 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. lassamancinitii is reported from Chile.)


GRADINGER, R.R. 2001. Adaptation of Arctic and Antarctic ice Metazoa to their habitat. ---- Zoology, Jena 104, 339-345. (Not seen)


GRANT, A. & A.D.BRIGGS 2002. Toxicity of sediments from around a North Sea oil platform: Are metals or hydrocarbons responsible for ecological
impacts? ---- Marine Environmental Research 53, 95-116. (Mainly the hydrocarbons! Corophium volutator used as test animal.)

GREENWOOD, K.S., J.H.THRP, 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.)


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 bacesci n.gen., n.sp. (‘St. 91’, Tanzania), and Triprotella amica. A key to all species is provided.)


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. & 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 &


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. & 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.)

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 Chonqing city, Sichuan, China.)


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. brevicalcar (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., 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.)


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 (Ancyrracanthus 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 Hyalellopsis linevitschae n.sp.. In the subfamily Carinogammarinae new taxa are Aspretus n.gen. (type Asprogammarus puer; +1), and Ereomagamarus 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 zienkowiczi; 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 swartschewski; monotypic), Sluginella n.gen. (type Eulimnogammarus pachyceirus; +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 Macrohectopodidae 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 Dybowski,( 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).)

of shallow water Posidonia oceanica (L.) Delile, 1813 meadows on the Aegean
coast of Turkey. ---- Acta Adriatica 42 (2), 25-34. (Not seen)

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)

observed in Parallorchesestes ochotensis (Amphipoda, Gammaridea, Talitroidea,

assemblages in the mesohalimic of the Weser estuary. ---- Senckenbergiana
Maritima 31, 197-204.

(G.O.Sars, 1894)–one more Ponto-Caspian gammarid species in Polish waters.
---- Fragmenta Faunistica 45, 19-26.

(Malacostracans (Malacostraca) from the Bieszczady Mountains). ---- Pp 35-47
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*.)


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.)


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. dianae* n.sp. (W.Austr.), *A. kamata* n.sp. (NSW), *A. keablei* n.sp.(Bass Str., Tasm.), *A. macropthalma*, *A. migo* n.sp. (W.Austr.), *A. moona* n.sp.(Jervis Bay, NSW), *A. olinda* n.sp.(P.Arthur, Tasm.), *A. philatela* n.sp.(NSW; NB shown on a 1984 postage stamp!), *A. quokka* n.sp. (Rottnest 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. freynecinet* n.sp. (Tasmania), *L. infissum* (new to Antarctic), *L. tourville* n.sp. (Tasmania) and *L. urometacarinatum*.)


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 macrocuticular 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.)

MEKHANI KOVA, 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)


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.

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.)


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. (*Paracaparella tenuis* common.)


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*.)

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


SCAPINI, F. (ED.) 2002. *Baseline research for the integrated sustainable management of mediterranean sensitive coastal ecosystems.* --- Istituto Agronomico per l’Oltremare, Firenze, 223 pp. (This beautifully produced booklet shows, that it is possible after all to obtain EU-support also for projects in which amphipods play an important role.)


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 Pachycheesiidae(correct spelling?) has as type *Microgammarus simplex*. In the Pallaseidae *Pallasea kessleri* 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* nssp, *P. lagowskii* (with *P. meyeri* as a junior synonym), *P. p. puzyllii*, and *P. p. nigra* (including
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. sidelljowa* 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. inquiline* n.sp., *P. punctiommatus* 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!


TOFT, J.D., J.R.CORDELL & W.C.FIELDS 2002. New records of crustaceans (Amphipoda, Isopoda) in the Sacramento/San Joaquin Delta, California, and application of criteria for introduced species. ---- *Journal of Crustacean Biology* 22, 190-200. (*Crangonyx floridanus* is a new, probably introduced amphipod in the area.)


UZUNOVA, S. 1999. On the biodiversity of the Ponto-Caspian Amphipoda (Crustacea) from the Bulgarian Black Sea coast. ---- *Proceedings Institute of Fisheries, Varna* 25, 175-186. (Deals with 13 spp, of which 2 occur in the open sea.)


VÄINÖLÄ, R., J.K.VAINIO & J.U.PALO 2001. Phylogeography of ‘glacial relict’ *Gammaracanthus* (Crustacea, Amphipoda) from boreal lakes and the Caspian and White Seas. ---- *Canadian Journal of Fisheries and Aquatic Sciences* 58, 2247-2257. (These data do not support the postulated relationship of *Gammaracanthus* to the Eusiridae, nor Bousfield’s splitting of the group into several genera.)


YAKHNENKO, V.M., S.G.SHUBENKOV & N.G.MELNIK 2001. *(Genetic-biochemical differentiation of Macrohectopus branickii (Dyb.) (Crustacea, Amphipoda) ---- Pp 43-49 in V.V.Takhteev (ed.). (Researches of the water fauna of East Siberia basins.) Irkutsk State University, Irkutsk. 166 pp. (In Russian. The genetic variation is considerable, but the differentiation is low. )


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 Kamaltynov, 2001
Micruropodinae Kamaltynov, 1999
Micruropodidae
Pallaseidae Tachteew, 2000
Vijayiinae (recte Vijayinae) Lowry & Stoddart, 2002 Amaryllidae

**New genera and subgenera**

*Ancyrcanthus* (Acanthogammarus) Kamaltynov, 2001 Acanthogammarinae

*Aspretus* Kamaltynov, 2001 Carinogammarinae

*Babr* Kamaltynov & Väinölä, in Kamaltynov, 2001 Pallaseidae

*Bamarooka* Lowry & Stoddart, 2002 Amaryllidae

*Barguzinia* Kamaltynov, 2001 Abyssogammarinae

*Bazikalovia* Tachteew, 2000 Pachyschesidae

*Berchinia* Kamaltynov, 2001 Odontogammarinae

*Burchania* Tachteew, 2000 Pallaseidae

*Caecogammarus* (Plesiogammarus) Kamaltynov, 2001 Plesiogammarinae

*Cornugammarus* Kamaltynov, 2001 Acanthogammarinae

*Dedyuola* Kamaltynov, 2001 Acanthogammarinae

*Devo* Lowry & Stoddart, 2002 Amaryllidae Vijayinae

*Diplacanthus* Kamaltynov, 2001 Acanthogammarinae

*Dorogostaikia* Kamaltynov, 2001 Acanthogammarinae

*Eremogammarus* Kamaltynov, 2001 Carinogammarinae

*Indoweckelia* Holsinger & Ruffo, 2002 ‘Weckeliids’

*Lamogammarus* (Sluginella) Kamaltynov, 2001 Abyssogammarinae

*Laxmannia* Kamaltynov, 2001 Abyssogammarinae

*Linevichella* Kamaltynov, 2001 Micruropodinae

*Oxyacanthus* Kamaltynov, 2001 Acanthogammarinae

*Nyctopore* Kamaltynov, 2001 Poekilogammarinae

*Pallaseopsis* Kamaltynov & Väinölä, in Kamaltynov, 2001 Pallaseidae

*Paragrandidierella* Aruyama, 2002 Aoridae

*Pretiositus* (Ommatogammarus) Kamaltynov, 2001 Odontogammarinae

*Profundalia* Kamaltynov, 2001 Odontogammarinae

*Sentogammarus* Kamaltynov, 2001 Plesiogammarinae

*Sluginella* Kamaltynov, 2001 Abyssogammarinae

*Supernogammarus* Kamaltynov, 2001 Plesiogammarinae

*Tanzacaprella* Guerra-Garcia, 2001 Caprellidae

*Tengisia* Kamaltynov, 2001 Odontogammarinae
**New species and subspecies**

*acanthogammarii* (Pachyschesis) Tachteew, 2000 Pachyschesidae

*anomala* (Bamarooka) Lowry & Stoddart, 2001 Amaryllidae

*bacescui* (Tanzacaprella) Guerra-Garcia, 2001 Caprellidae

*bassi* (Lepidepecreoides) Lowry & Stoddart, 2002 Tryphosinae

*baudini* (Lepidepecreum) Lowry & Stoddart, 2002 Tryphosinae

*bekmanae* (Echiuropus) Mekhankova, Chapelle & De Broyer, 2001 Carinogammarinae

*brevicalcar* (rev.) (Westwoodilla) (Jansen, 2002) Oedicerotidae

*bumammaus* (Pachyschesis) Tachteew, 2000 Pachyschesidae

*caerulea* (Mallacoota) Appadoo, Myers & Fagonne, 2002 Melitidae

*carrascoli* (Amaryllis) Lowry & Stoddart, 2002 Amaryllidae

*caulerpensis* (Caprella) Guerra-Garcia, Sanchez-Moyano & Garcia-Gomez, 2002 Caprellidea

*ceutae* (Caprella) Guerra-Garcia & Takeuchi, 2001 Caprellidea

*chevronia* (Nedsia) Bradbury, 2002 ‘melitids’

*chiloensis* (Hyalella) Gonzalez & Watling, 2001 Hyalellidae

*chincui* (Lepidepecreoides) Lowry & Stoddart, 2002 Tryphosinae

*chanhui* (Sinogammamus) Hou & Li, 2002 Gammaridae

*costera* (Hyalella) Gonzalez & Watling, 2001 Hyalellidae

*croca* (Amaryllis) Lowry & Stoddart, 2002 Amaryllidae

*cucuschonok* (Pachyschesis) Tachteew, 2000 Pachyschesidae

*dianae* (Amaryllis) Lowry & Stoddart, 2002 Amaryllidae

*dominicanus* (Metacrangonyx) Jaume & Christensen, 2001 Amaryllidae

*dubuc* (Devo) Lowry & Stoddart, 2002 Amaryllidae Vijayinae

*endota* (Bamarooka) Lowry & Stoddart, 2002 Amaryllidae

*flindersi* (Lepidepecreum) Lowry & Stoddart, 2002 Tryphosinae

*freycineti* (Lepidepecreum) Lowry & Stoddart, 2002 Tryphosinae

*gracilispinus* (Acanthogammarus godlewskkii) Kamaltynov, 2001 Acanthogammarinae

*grahami* (Devo) Lowry & Stoddart, 2002 Amaryllidae Vijayinae

*halleti* (Nedsia) Bradbury, 2002 Melitids

*helle* (Westwoodilla) Jansen, 2002 Oedicerotidae

*indiscretus* (Pachyschesis) Tachteew, 2000 Pachyschesidae

*inquilinus* (Pachyschesis) Tachteew, 2000 Pachyschesidae

*jareckii* (Podocerus) Baldinger & Gable, 2002 Podoceridae
kamata (Amaryllis) Lowry & Stoddart, 2002  Amaryllidae
kapala (Bathyamaryllis) Lowry & Stoddart, 2002  Amaryllidae Vijayinae
karabanovi (Pachysches) Tachteew, 2000  Pachyschesidae
karamani (Carinurus) Kamaltynov, 2001  Acanthogammarinae
keablei (Amaryllis) Lowry & Stoddart, 2002  Amaryllidae
kimbla (Bamarooka) Lowry & Stoddart, 2002  Amaryllidae
kochi (Hyalella) Gonzalez & Watling, 2001  Hyalellidae
lamakini (Pachysches) Tachteew, 2000  Pachyschesidae
lappaceus (Acanthogammarus) Tachteew, 2000  Acanthogammarinae
linevitschae (Hyalellopsis) Kamaltynov, 2001  Hyalellopsisae
longispinus (Acanthogammarus lappaceus) Tachteew, 2000  Acanthogammarinae
macrocephala (rev.) (Apherusa) Krapp-Schickel & Kulla, 2002  Calliopiidae
maligna (Pallasea) Tachteew, 2000  Pallaseidae
margaritae (Deutella) Guerra-Garcia, 2002  Caprellidea
maroccanus (Gammarus) Fadil & Dakki, 2001  Gammaridae
megalops (rev.) (Westwoodilla) Jansen, 2002  Oedicerotidae
micchieli (Quadrimaera) Appadoo, Myers & Fagonee, 2002  Melitidae
migo (Amaryllis) Lowry & Stoddart, 2002  Amaryllidae
minima (Paragrandidierella) Ariyama, 2002  Aoridae
mirandella (Quadrimaera) Appadoo, Myers & Fagonee, 2002  Melitidae
moona (Amaryllis) Lowry & Stoddart, 2002  Amaryllidae
morrocoyensis (Tiburonella) Ortiz, Martin & Atienza, 2000  Platyschonopidae
olindas (Amaryllis) Lowry & Stoddart, 2002  Amaryllidae
ollii (Andaniexis) Berge, De Broyer & Vater, 2000  Stegocephalidae
onubensis (Parvicalpus)Guerra-Garcia, Garcia-Asencio & Sanchez-Moyano, 2001  Caprellidea
philatelica (Amaryllis) Lowry & Stoddart, 2002  Amaryllidae
pinguiulus (Pachysches) Tachteew, 2000  Pachyschesidae
pseudorapax (Caprella) Guerra-Garcia, Sanchez-Moyano & Garcia-Gomez, 2001  Caprellidea
quokka (Amaryllis) Lowry & Stoddart, 2002  Amaryllidae
rarus (Pachysches) Tachteew, 2000  Pachyschesidae
sabulensis (Caprella) Guerra-Garcia, Sanchez-Moyano & Garcia-Gomez, 2001 Caprellidea
samanensis (Metacranatoryx) Jaume & Christensen, 2001
sheardi (Pseudopleonexes) Just, 2002  Ampithoidae
sideljowae (Pachyschesis) Tachteew, 2000 Pachyschesidae
sitnikovae (Parapallasea borowski) Tachteew, 2000 Parapallaseinae
spencerensis (Amaryllis) Lowry & Stoddart, 2002 Amaryllidae
stefania (Nedsia) Bradbury, 2002 melits
stelleri (Micruropus) Kamaltynov, 2001 Micruropodinae
superstes (Indoweckelia) Holsinger & Ruffo, 2002 weckeliids
talboti (Lepidepecreoides) Lowry & Stoddart, 2002 Tryphosinae
tanzaniensis (Paradeutella) Guerra-Garcia, 2001 Caprellidea
tomilovi (Micruropus) Kamaltynov, 2001 Micruropodinae
tone (Westwoodilla) Jansen, 2002 Oedicerotidae
torresi (Lepidepecreoides) Lowry & Stoddart, 2002 Tryphosinae
tourville (Lepidepecreum) Lowry & Stoddart, 2002 Tryphosinae
tropicalis (Bamarooka) Lowry & Stoddart, 2002 Amaryllidae
vorax (Pachyschesis) Tachteew, 2000 Pachyschesidae
warra (Elasmopus) Kelaher & Lowry, 2001 Melitidae
wallingi (Phippsiella) Berge, De Broyer & Vader, 2000 Stegocephalidae
wonga (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
GARJAJEWIINAЕ
Hyalellopsis LINEVITSCHAE
NYCTOPOREA
OXYACANTHUS
Parapallasea borowskii SITNAKOVAE
SENTOGAMMARUS
SUPERNOGAMMARUS

Ampithoidae
Pseudopleonexes SHEARDI

Aoridae
PARAGRANDIDIERELLA 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
   Bathymaryllis KAPALA
   BAMAROOKA ANOMALA, DINJERRA, ENDOTA, KIMBLA,
      TROPICALIS
   DEVO DUBUC, GRAHAMI
   VIJAYINAEN
   WONGA WONGA

Tryphosinae
   Lepidepecreoides BASSI, CHINCUI, TALBOTI, TORRESI
   Lepidepecreum BAUDINI, FLINDERSI, FREYCINETI, TOURVILLE

Melitidae
   Elasmopus WARRA
   Mallacoota CAERULEA
   Quadrimaera MICHELI, MIRANDELLA

Micruropodidae
   CRYPTOPODINAE
   GMELINOIDINAE
   LINEVICHELLA
   MICRUROPODINAE
   Micruropus STELLERI, TOMILOVI

Oedicerotidae
   Westwoodilla BREVICALCAR, HELLE, MAGALOPS, TONE

Pachyschesidae
   BAZIKALOVIA
Pachyschesis ACANTHOGAMMARII, BUMAMMUS, CUCUSCHONOK, INDISCRETUS, INQUILINUS, KARABANOVII, 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