

unites *Gammarus krøyeri*, Rathke, to *Gammarus pæcilurus* of the same author, both of which are synonyms of *Gammarus marinus*, in Boeck's view. Under the *Gammaropsis* division he describes *Gammarus erythrophthalmus*, n. s., which Boeck accepts as type of the genus *Gammaropsis*. Spence Bate and Bruzelius did not take account of the name *Gammaropsis*, as in Liljeborg it was only provisional, but to *Eurystheus erythrophthalmus*, Spence Bate, Boeck gives the name *Gammaropsis erythrophthalmus*. G. O. Sars, however, maintains that the species which Boeck describes under this name is not Liljeborg's species, "which, among other things, has the secondary flagellum on the upper antennæ considerably longer and consisting of numerous articulations, the lateral angles of the head rounded off, and the third pleon-segment's lower hinder angles not acute. Lastly, in Boeck's species, the pigment of the eyes is not red as in the typical form but black." A point which Sars does not mention is that in Boeck's species the fourth pleon-segment has, on the middle of the hinder rim, two small teeth, whereas Liljeborg expressly says "annuli abdominis supra sine aculeis." On the other hand, Boeck says nothing of the colour of the eyes, and Liljeborg says nothing as to the other points mentioned by Sars, except that the accessory flagellum is long, six-jointed. As Boeck does not appear to have himself taken the species which he describes, he probably had no means of ascertaining the colour of the eyes, but it still remains rather remarkable that both in his species and in Liljeborg's, the hands of the second gnathopods should be tridentate in the male and bidentate in the female. To Boeck's species Sars gives the name *Gammaropsis melanops*. For the opinion that *Gammarus (Gammaropsis) erythrophthalmus*, Liljeborg, had been earlier described as *Gammarus maculatus*, see Note on Johnston, 1827-1828. The other species here described as new, *Gammarus (Gammaropsis) macronyx*, is assigned by Boeck to *Protomedeia fasciata*, Krøyer.

The subdivision or subgenus *Gammaropsis* is thus defined :—

"† Rami pedum spuriorum ultimorum depressi, lamellosi. *Gammarus*."

"†† Rami pedum spuriorum ultimorum stiliformes, conici. Appendix caudalis unica, tuberculiformis, *Gammaropsis*." a) Pedes thor. 3:tii et 4:ti paris solito modo formati. *Gammarus erythrophthalmus*, n. s. b) Pedes thor. 3:tii et 4:ti paris forma singulari, ungue longissimo, parum arcuato, articulo 5:to et 6:to una formato. *Gammarus anomalus*, H. Rathke; *Gammarus longipes*, Liljeborg; *Gammarus macronyx*, n. s.

1855. LINDSTRÖM, G., born 1829 (G. O. Sars).

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Lindström here describes the new genus *Bathyporeia* as follows :—"Antennæ superiores articulo primo pedunculi magno et tumido, flagello appendiculari perpusillo. Antennæ inferiores pedunculo gracili, fere duplo longiore pedunculo superiorum. Mandibulæ apice valde acuminato, palpo triarticulato, articulo secundo crasso. Palpus pedum maxillarium articulatus, articulo secundo lato et foliaceo, articulo tertio gracili, curvo et non ut plerumque ad apicem articuli præcedentis, sed, palpi quasi appendicularis modo, ad marginem exteriorem affixo. Pedes thoracici primi paris perbreves, debiles, articulo ultimo pyriformi, ungue valido. Pedes secundi paris præcedentibus duplo longiores, ungue carentes. Pedes tertii quartique paris inter se similes, ultimo articulo longo, gracili, curvo, ungue rudimentario. Quinti paris pedes femore magno, clypeiformi, articulo tertio lamelloso, articulo quinto sine ungue. Epimera parva, margine inferiore setis instructo. Pedes natatorii forma vulgari. Pedes spurii quarti quintique paris breves. Pedes spurii