

"*Amathilla sabini* Leach," is considered to include as a variety, *Gammarus angulosus*, Rathke, and *Amathia carino-spinosa*, Sp. Bate. Zaddach's *Leptocheirus* is (not rightfully) made a synonym of the later *Ptilocheirus*, Stimpson. To the species *Leptocheirus pilosus*, "?*Protomedeia hirsutimanus* Sp. Bate," is given as a synonym. *Eiscladus longicaudatus*, Sp. Bate and Westwood, is retained as a separate species under the name *Photis longicaudata*. To *Protomedeia fasciata*, Krøyer, are assigned as synonyms *Autonoë macronyx*, Lilljeborg, and "*Microdeutopus Websteri*," Sp. Bate.

Under *Gammaropsis erythrophthalmus*, Lilljeborg, he mentions that a specimen from Nyborg was labelled "*Autonoë Karmoensis* Boeck." "Without doubt," he says, "hereby a new species is designated, which, however, I have not found described by Boeck. I found no difficulty in determining it as above."

Of "*Podoceropsis Sophiæ*," Boeck, he mentions finding a specimen labelled, "*Harplia typica* Bk." In this genus he gives *Podoceropsis excavata*, Sp. Bate, and *Podoceropsis rimapalmata*, Sp. Bate, both transferred from Sp. Bate's genus *Nænia*.

With "*Siphonæcetus Colletti*, Boeck," he found one of Boeck's labels bearing the name "*Corophium Steenstrupii*," and with "*Glaucanome Steenstrupii*," Boeck, he found a label, "*Harmophia Krøyeri*, B."

The localities and synonyms of various other species are given in this work, but without descriptions, as indeed is the case with most of those above-mentioned.

1877. MIERS, E. J.

List of the species of Crustacea collected by the Rev. A. E. Eaton at Spitzbergen in the summer of 1873, with their localities and notes. *Annals and Magazine of Natural History* for February 1877. pp. 131-140. Vol. XIX. Fourth Series. London, 1877.

No new species are here recorded, but for *Lysianassa (Anonyx) lagena*, Krøyer, is substituted the name *Anonyx nugax*, Phipps, with the remark, "Phipps's figure of this common Arctic species is quite recognizable; and his name must therefore be adopted for it." *Lysianassa bidenticulata*, Sp. Bate, 1858, which its author had in 1862 transferred to *Cancer (Lysianassa) nugax*, Phipps, and which Boeck identified with *Gammarus nugax*, Owen, under the name *Socarnes vahli*, Krøyer, is here re-established as *Anonyx bidenticulatus*, Spence Bate, being "distinguished by the form of the third segment of the pleon, which has a second tooth on its posterior margin above that of the postero-lateral angle," instead of being "valde rotundatus" as in *Socarnes vahli*. Sars, in 1885, calls it *Socarnes bidenticulatus*, Sp. Bate. *Acanthozone (Acanthosoma) hystrix*, Owen, is re-established, with the observation, "This species has been referred by Boeck to the *Oniscus cuspidatus* of Lepechin (*Acta Acad. Sci. Petrop.* p. 249, pl. viii. fig. 3, 1780); but the species figured by that author differs in having vertically projecting spines upon only the first four segments of the pereion. The species figured by Buchholz (*Zweite deutsche Nordpolarf. Zool. Crust.* p. 362, pl. xi.) as *Acanthozone hystrix* differs from that figured by Owen in the more numerous and closely placed spines upon the posterior margins of the basa of the pereiopoda, and in the form of the rostrum, and is, I think, distinct."