

"Ordo *Amphipoda*.—Familia *Gammari*.

"Oculi nulli. Antennæ superiores inferioribus longiores, flagello appendiculari minuto, biarticulato. Pedes ultimi paris stylo interiori brevissimo, exteriori valde elongato, biarticulato. *Níφapγos*."

The type species he names *Niphargus stygius*, which is figured on Pl. III. In the course of a full description, he thus distinguishes the sexes, "*lamina basalis ultimi pedum paris duplo longior segmento. Stylus ejus interior in m a r e sextam decimam in f e m i n a vero septimam styli exterioris partem æquans longitudine, apice spinulis præditus duabus setaque pennata singula. Stylus exterior cylindricus; articulus primus laminam basalem in f e m i n a duplo, in m a r e autem triplo superans longitudine, fasciculis ornatus utrinque spinularum brevium, in mari obsoletioribus; fasciculis lateris exterioris e binis compositis spinulis setaque pennata singula; articulus secundus in f e m i n a dimidiam articuli primi partem complens fere longitudine, lateribus apiceque fasciculis præditis setularum; in m a r e longitudine fere articuli primi, glaber, lævissimus, apice solo fasciculato.*"

He concludes with the statements:—"Commoratur in locis depressioribus specus Adelsbergensis et Lueg, aqua repletis stillicidio abundante sedimentoque tectis fundi chrySTALLINO. Agillime salit, captu difficilis; territus latebras fundi velocissime petit."

Schiødte next describes with great fulness, and figures, Koch's *Pherusa alba*. As *Pherusa* was more than once preoccupied, he gives a new generic name, *Titanethes*, in "*Ordo Isopoda.—Familia Onisci.—Tribus Oniscini*," the species becoming *Titanethes albus*. It is perhaps owing to Koch's use of the name *Pherusa*, earlier employed among Amphipods, that Schiødte's *Titanethes* has itself been spoken of as an Amphipod genus.

1850. BATE, CHARLES SPENCE, born March 16, 1819 (C. S. B.).

Notes on the boring of Marine Animals. In Notices and Abstracts of Communications to the British Association for the Advancement of Science, at the Birmingham Meeting, September 1849. pp. 73-75. London, 1850.

This paper, though mentioned in Boeck's list, does not refer to Amphipoda. Of Crustacea only *Pagurus* is mentioned.

The "Notes on Crustacea, Ann. Nat. Hist. VI. 1850, pp. 109-111. VII. 1851, pp. 297-300," also mentioned in Boeck's list, have no reference to Amphipoda.

Another paper by Spence Bate, in which no Amphipoda are mentioned, is likewise included in Boeck's list, "On some Crustacea dredged by Mr. Barlee in Shetland, Ann. Nat. Hist. X. 1852. pp. 356-357."

1850. DANA, JAMES D.

Zoology. *A new genus of Orchestidæ*. The American Journal of Science and Arts. Second Series. Vol. IX.—May, 1850. New Haven. Number XXVI. p. 295.

Dana here says:—"In a synopsis of the genera of Gammaracea, in this Journal, volume viii. p. 135, three genera of Orchestidæ are mentioned, Talitrus, Orchestia and Allorchestes. We here add a fourth; and for the purpose of giving a fuller comparative view of the four, and correcting a misprinted word, we insert the generic characters for the group.