

To receive this genus Dana instituted the family Dulichiidæ, in 1849. *Stegocephalus inflatus*, Krøyer, is next described in detail. This is now known as *Stegocephalus ampulla*, Phipps, 1774.

*Pontoporeia femorata*, Krøyer, is here next described in detail, but without any reference to the curious dorsal process which is represented in the Voy. en Scand. pl. 23, figs. 2a, 2y., on the observation of which Bruzelius established a new species, *Pontoporeia furcigera*, which, according to G. O. Sars, is not distinct from *Pontoporeia femorata*.

Descriptions are next given of *Leucothoe glacialis*, Krøyer, Tab. vi. fig. 2, a-f, *Leucothoe clypeata*, Krøyer, Tab. vi. fig. 3, a-g, "*Phoxus Holbølli* Kr." and *Phoxus plumosus*, Kr., now known respectively as *Metopa glacialis*, *Metopa clypeata*, *Phoxus holbølli* and *Harpinia plumosa*. Krøyer himself was inclined to regard the two latter as generically distinct. Of both species he notes that he has never found the maxillipeds united to the head, but always to the first peræon-segment.

Pages 578-637 are devoted to the genus *Anonyx*. Krøyer first discusses and describes at great length what he calls "*Anonyx Ampulla*, Phipps," combining with it "*Cancer nugax*, Phipps?," his own "*Anonyx Lagena* (Hunnen)," *Anonyx appendiculosus* (Hannen), and other synonyms. The species which he here describes, which he figures in the Voy. en Scand., pl. 13, fig. 2, a-z, and which does in fact include the species of *Anonyx* just mentioned, is now known as *Anonyx nugax*, Phipps, while the *Cancer ampulla* of Phipps, figured here pl. vii. fig. 3, a-g, and in the Voy. en Scand., pl. 20, fig. 2, a-t., as *Stegocephalus inflatus*, Kr., is now known as *Stegocephalus ampulla*, Phipps.

A full description is next given of "*Anonyx Vahlî* Kr." which Milne-Edwards had transferred to *Lysianassa*, and which Boeck calls *Socarnes vahli*.

*Anonyx gulosus*, n. s., is described, with a note that "Fabricius's *Oniscus Cicada* seems in many, if not in all, respects to come very near to it, and is obviously in any case an *Anonyx*."

*Anonyx litoralis*, n. s., is next described. This was made by Boeck type of a new genus *Onesimus*, which he thinks possibly a synonym of Milne-Edwards' *Alibrotus*, to which Spence Bate had previously referred the *Anonyx litoralis* of Krøyer.

A species, to the young and sexes of which Captain Holbøll had given three separate manuscript names, *velatus*, *ornatus*, and *brevipes*, is next described as *Anonyx plautus*, n. s. This also is placed by Boeck in his genus *Onesimus*. Figures of the various species above mentioned are given in the Voy. en Scand.

#### 1845. MILNE-EDWARDS, and LUCAS.

D'Orbigny, Alcide, Voyage dans l'Amerique méridionale exécuté dans le cours des années 1826, 1827, 1828, 1829, 1830, 1831, 1832, et 1833. Vol. VI. Animaux articulés. Crustacés par MM. Milne-Edwards et H. Lucas.

No Amphipoda are mentioned in this report, so far as I can perceive. It was perhaps included in Boeck's list under some misapprehension.

#### 1846. DANA, JAMES DWIGHT, born February 12, 1813 (S. I. Smith).

Notice of some Genera of Cyclopæa. Silliman's American Journal. March, 1846. Also Annals of Natural History. Vol. XVIII. 1846. pp. 181-185.

This article is prefaced by the following classification of Crustacea:—