

on the characters of the families and subfamilies, which Boeck describes at great length. Occasionally there are discrepancies between the one set of characters and the other, which is excusable in so comprehensive a work. For instance, the character of *Platycyamus* does not suit the words "segmento trunci lmo cum capite coalito" included in the definition of the family Caprellidæ. Several of the subfamilies have been by some accident wrongly numbered in the original.

1870. BRADY, GEORGE STEWARDSON.

On the Crustacean Fauna of the Salt-marshes of Northumberland and Durham. Nat. Hist. Trans. of Northumberland and Durham, Vol. III., pp. 120-136. Pl. IV. V. London, 1870.

Mr. Brady says, "The higher orders of Crustacea are almost always represented in salt-marsh pools by *Carcinus mænas*, *Palæmon varians*, *Crangon vulgaris*, *Mysis vulgaris*, *Gammarus locusta*, *Corophium longicorne*, and *Sphæroma rugicauda*; in Hylton Dene I met also with *Orchestia littorea*, and at Seaton Sluice with *Oniscus asellus*." In the "debateable ground" between fresh and brackish water at Hylton Dene he found *Corophium longicorne* along with *Palæmon varians* and *Mysis vulgaris*.

1870. DOHRN, ANTON.

Die Ueberreste des Zœa-Stadiums in der ontogenetischen Entwicklung der verschiedenen Crustaceen-Familien. Jenaische Zeitschrift für Medicin und Naturwissenschaften. Bd. V. pp. 471-491.

"He regards the dorsal spine as a very essential character of *Zœa*, and thinks that the dorsal accumulations of cells in the embryos of some Isopods and Amphipods, the so-called micropyle-apparatus in the Amphipods, the dorsal sucker of the larvæ of *Limnadia* and the *Cladocera*, the frontal fixing apparatus of *Caligus* and *Chalimus*, and the peduncle of the Cirripeds are to be regarded as transformations of the dorsal spine of *Zœa*" (Dr. von Martens in Zoological Record for 1870).

1870. IARZYNSKY, TH.

Praemissus catalogus Crustaceorum amphipodum, inventorum in mari albo et in mari glaciali ad litus murmanicum anno 1869 et 1870. S. Petersburg, L. Universität. Zool. Museum. Tome i. Pt. ii. pp. 315-316. St. Petersburg, 1870.

In all, fifty-two species are named in this catalogue, but, as usual in such lists, some deduction must be made from the total, on the score of synonyms entered as separate species. Notice is given, without any description, of *Montagua variegata*, n. sp., "*Lysianassa Göesi*," n. sp., "*Ampelisca Koreni*," n. sp., "*Oediceros Brandtii*," n. sp., *Uruios*, n. gen., *Uruios viridis*, n. sp., with the remarks "similis *Gammaro longicaudæ* Brandt (mari Ochotico). Hab. mari glaciali ad litus murmanicum (ad insulas Gavrilienses)," and "*Dulichia Malmgreni*," n. sp.

It is not easy to see what object is served by publishing names of undescribed species and genera, which neither convey any information of importance, nor can reasonably establish any claim to priority of discovery.