

say whether the second uropods are biramous or uniramous. *Erichthonius bidens*, A. Costa, is named *Cerapus bidens*, V. Crs. (nec Czern.). Of *Pyctilus macrodactylus*, Dana, and *Pyctilus pugnax*, Dana, referred to *Cerapus* by Czerniawski, Carus remarks, "Hæ species duæ maris orientalis (insulæ Sulu) a Czerniawski in Ponto Euxino repertæ forsan etiam in Mediterraneo occurrunt." *Elasmopus rapax*, A. Costa, is here named *Podocerus rapax*, V. Crs. *Grubia*, Czern., is placed between *Podocerus* and *Amphithoe*. "*Amphithoe Salenskii*," V. Crs., is thus described:—"Caput rotundatum, sine rostro; antennæ I. inferioribus duplo longiores, stipite biarticulato et flagello 16-articulato, antennæ II. stipite triarticulato, flagello 5-6-articulato; dorsum leviter rotundatum, absque spinis; oculi fere orbiculares; pedes I. secundis multo robustiores, ungue magno terminati; pedes VII. omnium longissimi; pedum caudalium paria tria anteriora multo longiora; telson triangulare. Habit.: Napoli (Salensky)." By the biarticulate stipes of the upper antennæ it is presumably meant that the third joint of the peduncle is indistinguishable in size from the succeeding joints of the flagellum. The first gnathopods stouter than the second, and the elongate fifth peræopods seem to point in the direction rather of *Microdeutopus* than of *Amphithoe*, but nothing is said of a secondary flagellum.

- In the family Orchestidæ, Dana, *Allorchestes*, Dana, is given, with *Hyale*, Rathke, for a synonym, and thus defined, "*Antennæ I. æque longæ ac stipes inferiorum, articulis basalibus imperfecte cum fronte connatis; spina olfactoria rudimentaris; mandibulæ palpo carentes; maxillipedes uncino terminali acuminato; pedes I. et II. subcheliformes.*" The tenth species assigned to this genus is ? *Allorchestes punctatus*, Sp. B. (*Euone punctata*, Risso). Risso's definition of his genus is quoted. The name should be *Euone*, not *Euone*. This is followed by "*Nicea Nicolet (Hyale Rathke., Amphithoe M.-Edw. p., Allorchestes Dana p.) Antennæ I. et II. subæquales, vix capite longiores; telson profunde divisum (aut duplex?); pedes paris I. et II. subchelati; reliquæ notæ uti in Allorcheste.*" Thirteen species are assigned to *Nicea*, ending with "*N. pontica Catta (Hyale pontica Rathke.)*"
- In the family Gammaridæ (M.-Edw.), Sp. B., "subfam. Atylinæ Cls.," to *Pherusa*, Leach, is given the synonymy, "*Amphithoe M.-Edw., Titanethes Schiödte, Paramphithoe Bruz. p.*" *Titanethes*, Schiödte, however, is the name of an Isopod, given in place of *Pherusa*, Koch, preoccupied. *Probolium*, A. Costa, is retained, with five species, but as the definition given of it includes "mandibulæ sine palpo," this suffices to show that the species in question, *polyprion*, Costa, *marina*, Sp. Bate, *longimana*, Sp. Bate, *megacheles*, Heller, *tergestina*, Nebeski, belong to *Stenothoe*, Dana, if in each case the character of the mandibles has been ascertained. The third of these species is entered as "*Pr. longimanum V. Crs. (Montagua longimana Sp. B.)*" *Amphitonotus*, Costa, is given, with *Tritropis*, Boeck, for a synonym. Among the species is included "*A. Bobretzkii Catta. Nondum descripta. (Corpus omnino inerme.) Habit.: Marseille, Calangue de Podesta (Catta.)*"
- In the second subfam. Ampeliscinæ, Lilljeb. (Sp. B.), "*A. Gaimardi Kr.*" has the synonyms, "*Tetromatus typicus Sp. B., Araneops diadema Costa, Byblis Gaimardi Boeck.*" "*A. brevicornis Marion*," has the synonyms "*Araneops brevicornis A. Costa, A. Belliana Sp. B., A. lævigata Lilljeb.*"
- In the third subfam. Leucothoinæ, Dana, under *Leucothoe*, Leach, is given as the second species, "*L. Richiardi Lessona. A L. furina differt pari ultimo pedum spuriorum projiciente uti in L. furina, sed in chelam bidigitalem terminato. Thorax, antennæ et par pedum chelatum rubra, abdomen maculis rubris. Habit.: Genova, sinus (Lessona.)*" It is not said whether the peculiarity has been observed in more than one individual, and the description is the more puzzling, as the words "projiciente uti in *L. furina*" seem to contradict what is said in the account given of that species, "par ultimum pedum caudalium extremitatem præcedentium non superans." The account given of "*Seba A. Costa*" and of its species, "*S. innominata A. Costa*," agrees exactly with that given in the Brit. Mus.