

1853. BURGERSDIJK, L. A. J.

Land- en Zoetwater schaaldieren. (In Bouwstoffen v. e. Fauna v. Nederl. I. bl. 164.) 1853.

This work is included in Maitland's list of authorities, 1875. He refers to it only for one of the localities of *Gammarus pulex*.

1853. COSTA, ACHILLE.

Fauna del Regno di Napoli.

The genus *Guerinia*, Hope, is described, with the type species *Guerinia nicænsis*, which is figured.

Phronima, Latreille, is described, and the type species *Phr. sedentaria*, Forskål, to which *Pisitoe levifrons*, Rafinesque, is united as a synonym, while *Phronima custos*, Risso, though not included in the synonymy, is declared in the "observations" to be also identical with Forskål's species. The genus *Phrosine*, Risso, is described, and of Risso's two species, *Phrosine semilunata* is fully described and figured, while *Phrosine macrophthalma*, which Costa had not himself seen, is briefly alluded to. Costa would have preferred to name the two respectively *cornuta* and *inermis*. He considers *Pisitoe bispinosa*, Rafinesque, though inaccurately described, probably the same species as *Phrosine semilunata*.

1853. COSTA, ACHILLE.

Descrizione di tre nuovi crostacei del Mediterraneo scoperti dal Rev. G. F. Hope. Estratta dal fascicolo 83° della Fauna del Regno di Napoli. 10 pages. 3 plates.

This work is obviously due to the pen of Achille Costa, although the new genus, and two out of the three species, are attributed to Hope.

The new genus *Guerinia* is thus described:—"Generis characteres essentielles. Pedes primi paris validissimi, prehensiles, manu magna valide uncinata; secundi graciles, haud prehensiles, ungue destituti. Antennæ superiores bisetæ; seta primaria articulo primo maximo. Oculi magni, reticulati, dorso fere contigui.

"Characteres naturales. Corpus crassum, parum compressum, dorso rotundatum. Caput antice horizontaliter rotundato-productum. Oculi maximi, dorso sub-contigui, totam fere capitis superficiem occupantes, distincte reticulati. Antennæ superiores bisetæ; seta primaria articulo primo valde elongato, valido: inferiores infra et inter superiores insertæ, basi contiguæ. Pedes primi paris manu magna crassa, ungue valde arcuato armata: secundi longi, graciles, articulo ultimo ciliis fimbriato, ungue nullo; reliqui simplices. Abdomen lamina horizontali terminatum."

In the observations that follow, this Crustacean is regarded as a sort of link between the Amphipoda and the parasitic Isopods, such as *Anilocra*. By Spence Bate, in the Brit. Mus. Catalogue, it is placed between *Lafystius* and *Lepidactylis*. The type species is named *Guerinia nicænsis*, and is beyond doubt generically, perhaps also specifically, identical with the later "*Trischizostoma Raschii*," Esmark and Boeck, 1860. Boeck, who had obviously not met with Costa's paper, fully describes the mouth-organs, and points out that the relations of the genus are with the Hyperidæ, Orchestidæ and Lysianassinæ. He places it by itself