

and to "*Pulex marinus*, Klein. *Pisc. Miss.* 5. p. 9. Tab. 4. fig. A. B. C.," with the concluding remark, "Habitat in mari Septentrionali & stagnis aquæ subsalsæ. Color cinerascens. Magnitudine et forma convenit cum præcedenti." Number 991, the corresponding notice in his larger work, has, as will be seen, a very different concluding observation.

Of 457 a figure is given on Tab. V. The full description is as follows:—"Corpus oblongum teres, compressiusculum, dorso curvato, carinato. Caput oblongum, obtusum. Antennæ 4 (b. c.) prælongæ, pediformes, antico pari maximo, secundo piloso. Oculi duo minimi, in lateribus capitis, non cylindracei ut in Cancris, Astacisque. Pedes quatuordecim seu septem utrinque. Horum primum par tenerrimum, capiti insidens, unguatum (d). Secundum par (e) omnium robustissimum cheliferum. Chela monodactyla, compressa, ovata, margine interiore denticulato. Digitus incurvatus, validus, deorsum versus carpum mobilis, subacutus, edentulus. Tertium et Quartum Paria (f. g.) vesiculas oviformes a Cl. Bastero dicta, sunt pedes natatorii, ovatæ formæ, omnium minimi: inter hosce pedes gravidæ. Ova gerunt: Reliqua tria pedum paria (h. i. k.) sunt subulata, longa, tenera, unguata, ultimo pari longissimo. Hisce obvia arripit, ex illis dependet, et corpus quaquaversum movet. Caudam nullam detegere potui, licet ea a Cl. Bastero subulata depingatur. Natans dorso incumbit, capite præeunte. Maxima in copia ad littora Ziricæensia inter corallinas. Color subrubescens. Magnitudo dimidio minor quam in icone."

457.



Fig. 9.

pedes gravidæ. Ova gerunt: Reliqua tria pedum paria (h. i. k.) sunt subulata, longa, tenera, unguata, ultimo pari longissimo. Hisce obvia arripit, ex illis dependet, et corpus quaquaversum movet. Caudam nullam detegere potui, licet ea a Cl. Bastero subulata depingatur. Natans dorso incumbit, capite præeunte. Maxima in copia ad littora Ziricæensia inter corallinas. Color subrubescens. Magnitudo dimidio minor quam in icone."

1762. STRØM, HANS, born 1726, died 1797 (Hagen).

Physiske og Oeconomiske Beskrivelse over Fogderiet Søndmør, I. Deel, 1762.

He records a *Pulex cancriformis* or *Cancer macrourus rufescens*, which is found under stones on the beach or in the stomachs of fish. Further, he gives in plate i. figs. 12-13, a very recognisable drawing of *Hyperia medusarum* under the name of *Pulex cancriformis*, *antennis brevissimis, corpore latiore*, and states that it is found on large Medusæ (Boeck).

1763. SCOPOLI, JOHANN ANTON, born 1723, died 1788 (Biographie Universelle).

Entomologia Carniolica exhibens Insecta Carniolicæ indigena et distributa in ordines, genera, species, varietates. Methodo Linnæana. Vindobonæ, MDCCLXIII.

Scopoli changes the Linnæan name Aptera into Pedestria for his seventh order. He defines *Cancer* thus: "Palpi (2) chelati. Oculi (2). Cauda inermis," and names the species numbered from 1123-1137, *Mænas*, *Depurator*, *Pagurus*, *Maia*, *Gammarus*, *Astacus*, *Squilla*, *Bernhardus*, *Diogenes*, *Istrianus*, *Nutrix*, *Cruentatus*, *Mantis*, *Locusta*, *Pulex*. The last two are described as follows:—

"1136. CANCER *Locusta*?

"LINN. Syst. Nat., p. 634.

"Faun. Svec. 2. 2042.

"Diagn. Corpus oblongum, gibbum, nitens, lateraliter compressum. Palpi antennis triplo longiores: articulis (20). Corpus sese incurvando & explicando saltans, *Poduræ* adinstar.

"Habitat abunde, circa littora Maris, sub saxis, prope *Tergestum*.

"Statura fere *Poduræ Aquoticæ*. Habitus *Cancris pulicis*. Corpus pellucens, ferrugineum, suturis (11), & denuo septem aliis utrinque ad bases femorum. Antennæ attenuatæ, articulis