

quite unlike those of *Lysianassa*. Five short filiform legs are represented, followed by two very long ones, with the first joint in each dilated, the rest slender. The pleon is elongate.

"Genere LUSYTA, Nardo," follows, containing

"Sp. 48. LUSYTA ALGENSIS, Nardo; *Sinon. moderna cit. Cancer algensis*, Chier., sp. 60, fig. 76-79. *Podoceros* . . . . Leach; *Annot. aut. all'opera ms. del Chiereghin*." Nardo says that Leach wrote with his own hand at the foot of the page containing the figure given by Chiereghin, the generic name *Podoceros*, without indicating the species. Nardo himself considers it to differ from *Podoceros* and also from *Cerapus* and *Cerapodina*, though like the two last, especially from its habit of living in a case. As the genus is not separately defined, its characters must be derived from those which are said to be the essential ones of the species:—"Estremita della testa un poco prolungantesi in rostro; occhi posti lateralmente alla base di tal rostro, alquanto pedunculati; due lunghe antenne sorgono dal dissotto del rostro terminate in punta; hanno ciascuna nove articolazioni, e lungo il loro lato inferiore dei lunghi sottilissimi peli; al dissotto ne sorgono altre due più corte, di sole sei articolazioni, pelose anch' esse come le prime.

"I primi due piedi sono grossetti, eguali, di cinque articolazioni, aventi il quarto pezzo più grosso degli altri, e su di questo nasce un dito incurvato verso l'ingiù, terminante in punta ed atto a piegarsi sul lato inferiore del detto quarto pezzo.

"Seguono cinque altri piedi per ogni lato. I tre primi paja sono sottili, composti di sei pezzi, l'ultimo de'quali termina in una punta rivolta un poco verso l'ingiù. Gli altri due paja sono un poco più grossi e più lunghi coll'ultimo pezzo che è più ingrossato e parimenti terminante in punta alquanto più aguzza. Altri due paja di piedi analoghi, sono posti sotto l'ottavo pezzo. Nel quinto, sesto e settimo nascono invece che piedi delle appendici membranose e filamentose.

"La superficie del corpo è liscia e di color bianco candido."

Its dwelling is said, on Chiereghin's authority to be on the leaves of the *Zostera marina* in tubes shaped like a *Cornucopia*, formed of very fine threads agglutinated together, out of which it thrusts its upper half, when seeking food, and by rapidly waving its arms and antennæ puts the water into movement to draw small animals towards its mouth. The original Latin definition is quoted, without the improvements upon the Latinity given in 1847, thus:—"Cancer algensis, macrourus, thorace rostrato, manibus adactylis, pedibus decem, termine caudæ triphylo." The figures 7, 7b, on plate xv., show the shape of the tube, slightly curved, narrow at one end, widening gently to the mouth at the other extremity; figures 7a, 7c, portray the animal very indistinctly, but with the upper antennæ decidedly longer than the lower, which is unsuitable to *Podocerus*. The description of "i primi piedi," i.e., evidently the second gnathopods, suits the genus *Cerapus*, but in the well-ascertained species of that genus the tubes are straight, and open at both ends. J. V. Carus 1885, gives *Lusyta*, Nardo, as a synonym of *Podocerus*, Leach, but without explanation and without mention of the species *algensis*.

The "Edriottalmi lamedipodi" are described on pages 323-324. In this division Nardo gives "Sp. 49.) CAPRELLA LINEARIS, Milne Edw. *Cancer linearis*, L., Chier. sp. 61, fig. 80. — — Olivi; *Zool. Adr. Oniscus Linearis*, Latr., Martens; *Reise nach Venedig*, p. 497." He says that in 1847 he erroneously marked it as "*Caprellæ nova species?*" He finds that it differs from *Caprella monocantha* [*monacantha*], Heller, by not having the spine at the base of the second pair of feet, and some other trivial characters. Heller's species is identified by Haller and Mayer with *Caprella æquilibra*, Say; Mayer gives up Nardo's species as undecipherable. The fig. 4, on plate xv., however, will fairly suit *Caprella æquilibra*, in which the spine above-mentioned has escaped the notice even of good observers.