

- As *Oniscorum cancriformium* species, he enumerates and describes, "1. *Oniscus Pulex*, *compressus pedibus quatuor anticis cheliformibus*," with references to Linnæus, Frisch and Roesel; "2. *Oniscus Locusta*, *compressus chelis nullis; pedibus secundi paris marcidis*," with references to Linnæus, Scopoli, Ray, and Dodonæus, pempt. p. 476, and figure, Tab. XIV. fig. 15, this being the Amphipod since known as *Talitrus locusta*, Pallas; "3. *Oniscus Gammarellus*, *compressus pedibus secundi paris cheliformibus maximis*," "apud auctores nusquam occurrit, meruitque ideo Tab. XIV. fig. 25. delineari," this being since known variously as *Orchestia littorea* or *Orchestia gammarellus*, the latter name having priority beyond all contradiction. The next species is thus introduced: "Adfinis est *Oniscis cancriformibus* singularis species, cui *Onisci volutatoris* nomen dedi, quia in aquæ superficie singulari modo capite cum antennis prævio volutatur.
- "4. *Oniscus volutator*, *subcompressus, antennis exterioribus maximis*. *Astacus muticus*, pede utrinque antico subulato, edentulo, longissimo Gronov. *Zoophylac. vol. II. p. 232. n. 989*. *Oniscus bicaudatus* LIN. *Faun. svec. edit. 2. n. 2062*. *Pulex marinus cornutus* RAJ. hist. p. 43.
- "*Celeber*. GRONOVIVS ad hanc speciem nomen *meum* citare dignatus est. Aliquot nempe *Oniscorum* descriptiones & icones in litteris olim communicaveram. Erant inter hos, quem supra descripsi, *O. Locusta*, & hic nunc describendus *O. volutator*. Priorem vocaveram (non *Astacum* crassipedem, sed *Oniscum* (crassicipitem) *cauda inflexu, pedibus secundi paris tenuibus muticis*. Hanc phrasin, nescio quo fato, ad *O. Volutatorem*, cui nullo modo convenit, excitavit Vir celeberrimus. Monendum hoc fuit, ne incuriæ ipse accusarer a gnaris.
- "*Oniscum volutatorem* inveni olim in fossis maritimis, prope *Harvicum* Essexiæ. *Cel.* GRONOVIVS in fossis stagnantibus prope Leydam legerat. *Tabulæ nostræ XIV. fig. 20.* a latere visum exprimit."
- The descriptions of the above species are given more fully in the *Spicilegia Zoologica*, Fasc. ix. 1772.

## 1767. LINNÆUS.

Caroli a Linné *Systema Naturæ*. Tom. I. Pars II. Editio Duodecima Reformata. Holmiæ, 1767.

The definition of *Cancer* now runs "*Pedes VIII. (10 s. 6 raro) insuper Manus 2 chelatæ. Oculi II, distantes, plerisque pedunculati; elongati, mobiles. Palpi II, cheliferi. Cauda articulata, inermis.*" The last division, with the same heading as in 1758-60, now contains twelve species. Among these, at pages 1055-1056, are the following Amphipods; No. 80, *Cancer grossipes*, thus defined, "*C. macrourus articularis, manibus adactylis longitudine corporis. Gron. zooph. 989 Astacus muticus, pede antico subulato edentulo longissimo crassissimo,*" the specific name *grossipes*, evidently based on the confusion made by Gronovius between the antennæ and gnathopods, being bound to yield to the earlier and more appropriate *volutator* of Pallas, as explained in the notes on that writer, under the dates 1766, 1772; No. 81. *Cancer pulex*, said to occur both in salt and fresh water, and to judge by the synonyms including, in Boeck's opinion, *Gammarus pulex*, *Gammarus roeselii*, and *Gammarus locusta* of later authors; No. 82, *Cancer locusta*, probably including *Gammarus locusta* and *Orchestia gammarellus*, Linnæus's remark about the uropods, "*Pediculi unius paris caudæ lateribus adstant, bidigitati,*" not being very intelligible or decisive; No. 83. *Cancer linearis*, which in Boeck's view is without doubt the same as *Caprella lobata*, Müller, notwithstanding the reference to Martens's *Caprella septentrionalis*; No. 84. *Cancer atomos* with "*pedibus undecim*" and a reference to Baster, and the observation "*habitat in Europæ aquis fluctuantibus dulcibus, nudis oculis vix visibilis, præcedenti*