

carinated, with the fourth to the sixth joints sometimes armed with spinules; dactyli slender, styliiform and nearly straight.

The species of this genus are always of small size, and occur very commonly both in the Atlantic and Indo-Pacific regions in shallow, or more rarely in deeper water. The described forms are very numerous; but it is probable that were a revision of the types and of sufficient series possible, it would necessitate the reunion of many of these recently described with the types of the earlier authors. As Professor A. Milne-Edwards, the highest authority on the Brachyura, justly remarks, "It has not yet been proved that the number of spines which cover the carapace and limbs may not vary in different examples of the same species."¹

In the arrangement of the species which follows, I have found it necessary, in the present state of our knowledge, to arrange them roughly in geographical and chronological order, without regard to their affinities. I must regard the subgeneric distinctions recently proposed by Dr. Kossmann (*tom. cit. supra*, p. 38) and which are cited, but apparently not adopted, by Milne-Edwards, as of doubtful value, and there are not a few species, which, from the descriptions at present published, could not be classed with certainty in any one of the three subgenera he has established.

European and East Atlantic Species.

- Pilumnus hirtellus*, (Linné) = *Cancer ferrugineus*, Herbst (?). European Seas (to 35 fathoms, Heller).
- Pilumnus spinifer*, Milne Edwards. Mediterranean; Black Sea; Azores, 50 to 90 fathoms (?).
- Pilumnus villosus*, Risso = *Pilumnus spinulosus*, Kepler (*fide* Heller). Mediterranean; Black Sea.
- Pilumnus affinis*, Capello. Setubal, Portugal. (Very near *Pilumnus hirtellus*.)
- Pilumnus teixeirianus*, Capello. Setubal.
- Pilumnus tridentatus*, Maitland. Holland; Black Sea. Perhaps not a true *Pilumnus*; it resembles *Pilumnoplax* and *Heteroplax* in the form of the marginal teeth (Coll. Brit. Mus.).
- Pilumnus calculosus*, Dana. Madeira (?).
- Pilumnus africanus*, A. Milne Edwards. Gorea and Angola, St. Vincent, Cape Verde Islands.

South African Species.

- Pilumnus verrucosipes*, Stimpson. South Africa; Simon's Bay (11 fathoms); Senegambia, 9 to 15 fathoms:

¹ Crust. in *Miss. Sci. au Mexique*, pt. 5, p. 280, 1880.