

- antennæ is not noticed, this is clearly *Gammarus locusta*, Linn., and as Montagu professedly mentions it only to clear it from confusion with other species, it is singular that he should place in the synonymy *Oniscus gammarellus*, Pallas, which is an *Orchestia*. He describes the eyes as "lunated, fixed," with an explanatory note, "Not pedunculated, or moveable, but fixed under the shell of the thorax; a circumstance common, I believe, to all this family." The epithet in "hands sub-cheleferous" he also explains in a note, as "A term adopted for a single fang capable of closing upon the hand, answering the purpose of a fixed claw, in contradistinction to cheleferous, or such as are formed with double claws."
- On page 93 he gives "CANCER GAMMARUS PULEX. Tab. iv. fig. 2. Cancer Pulex. *Gmel. Syst.* p. 1055. *Turt. Linn.* iii. p. 760. *Brit. Zool.* iv. p. 21. No. 33." This, he remarks, "is as incapable of living in salt water as the *C. Locusta* is in fresh, although we have the authority of Linnæus and many of his disciples to the contrary. It is also incapable of leaping, and very soon dies when taken out of water."
- On page 94 is "CANCER GAMMARUS SALTATOR. Tab. iv. fig. 3. Cancer Locusta. *Brit. Zool.* iv. p. 21. No. 34. *Oniscus Locusta. Pallas Spic. Zool.* 9. t. 4. f. 7. *Misc. Zool.* t. 14. f. 15." Of this Montagu says, "The *C. Saltator* is without doubt the animal referred to by Pallas, and this confirms the opinion that Gmelin has confounded it with his *Cancer Locusta*, having quoted both the *Oniscus Gammarellus* and *O. Locusta* of that author for it. That it is Pennant's *C. Locusta* there can be little doubt, as he particularly mentions the quality of leaping, a power denied to the other species." Montagu's figure very clearly depicts what is now known as *Talitrus locusta*, Pallas. As he makes no reference to Klein's *Squilla saltatrix*, 1743, the specific name *saltator* was probably not borrowed from that source.
- On page 96 he gives "CANCER GAMMARUS LITTOREUS. Tab. iv. fig. 4. Pulex marinus. *Baster Op. Subs.* ii. p. 31. t. 3. f. 7. 8." "The *C. littoreus*," he says, "is doubtless the species figured by Baster as above referred to, and which Gmelin has erroneously quoted for the Linnean *Cancer Pulex*." This is pretty clearly the *Oniscus Gammarellus* of Pallas, which Montagu himself has erroneously quoted for the Linnean *Cancer locusta*. Its name, therefore, should be, as Boeck gives it, *Orchestia gammarellus*, Pallas.
- On page 97 he gives "CANCER GAMMARUS GROSSIMANUS. Tab. iv. fig. 5." This is a new species. It is now called *Mæra grossimana* (? better, *grossimanus*).
- On page 98, "CANCER GAMMARUS TALPA. Tab. iv. fig. 6.," now called *Apsuedes talpa*, belongs to the Tanaidæ.
- On page 99, "CANCER GAMMARUS RUBRICATUS. Tab. v. fig. 1." is a new species, which was referred by Leach to his genus *Amphithoë*. It includes, I believe, *Amphithoë littorina*, Sp. Bate, and three or four other synonyms from species founded chiefly on immaterial distinctions in colouring.
- On page 100 is given the new species "CANCER GAMMARUS FALCATUS. Tab. v. fig. 2." This Leach considered to belong to the genus *Jassa*, which he instituted with the species *Jassa pulchella* and *Jassa pelagica*, establishing at the same time the genus *Podocerus* with the species *Podocerus variegatus*. Milne-Edwards gave *Cancer falcatus* and *Jassa pelagica* to *Cerapus pelagicus*, to *Podocerus variegatus* he left its name, and changed *Jassa pulchella* into *Podocerus pulchellus*. Spence Bate gave the four as separate species of *Podocerus*, to which more recently all four have been assigned as a single species. Boeck united the names *pelagicus* and *pulchellus* as synonyms to Montagu's *falcatus*, no doubt correctly, but it seems curiously perverse that he should assign Leach's three species of *Jassa* to *Podocerus* and Leach's species of *Podocerus* to *Janassa*, altered without due reason from *Jassa*. *Janassa* may well fall to *Podocerus* as being too near for generic distinction, but, if not, the species in question would have to be named *Jassa falcata*, Montagu, and *Podocerus variegatus*, Leach. It is rather singular that Montagu should finish his account with the words "This curious and rare species inhabits the deep, amongst *Sertularia*, and *Algæ*, and has