

verification of the synonymes, and in arranging them into generic groups, in accordance with the present state of the science." Since, then, the work is due to Mr. Adam White, it is difficult to appreciate the fairness of omitting his name from the title-page. He divides the Malacostraca Edriophthalmata into two orders, Amphipoda and Læmodipoda, the former containing the two families, the Gammaridæ and Hyperiadæ; the latter the two families, the Caprellidæ and Cyamidæ. In the Gammaridæ, after *Talitrus locusta* and *Orchestia littorea*, come the following entries.

- "*Orchestia Montagu*, *Audouin, Expl. Pl. Egypte* t. 11, f. 7. *Edwards, Crust.* iii, 17. *Orch. littorea*, *Rathke, Faun. Crim.* t. 5, f. 1-6 (not *Montagu*). *Orch. trigonocheirus*, *Leach, MSS.* a. Sicily. b. Malta.
- "*Orchestia longicornis*, *Edw. Ann. Sc. Nat.* xx. 361. *Crust.* iii. 18. *Talitrus long.*, *Say, Journ. Acad. Sc. Phil.* i. 384. *Scamballa long.*, each [*Leach*], *MSS.* a-c. U. States (New Jersey). Presented by Thomas Say, Esq.
- "*Orchestia Deshayesii*, *Audouin, Ex. Pl. Egypte*, t. 11, f. 8. *Edw. Crust.* iii. 18. *Scamballa Kuhlana*, each [*Leach*], *MSS.* a. British Coast.
- "*Orchestia gryllus*. *Talitrus gryll.*, *Bosc. Crust.* ii. t. 15, f. 1-2. *Say, Journ. Acad. Sc. Phil.* i. 386. *Scamballa Sayana*, each [*Leach*], *MSS.* a-d. U. States (sandy beaches). Presented by Thomas Say, Esq.
- "*Orchestia Tristensis*. *Scamballa Trist.*, *Leach, MSS.* a-d. I. of Tristan d'Acunha. Presented by Capt. Carmichael."
- "*Orchestia megalophthalmus*. *Scamballa meg.*, *Leach, MSS.* a, b—?"
- "*Orchestia Quoyana*, *Edw. Crust.* iii. 19. *Cuv. R. A. (Coch.)* t. 59, f. 4. a, b. Male and female. New Zealand. Presented by W. W. Saunders, Esq."

In the *Brit. Mus. Catal.*, 1862, *Orchestia trigonocheirus*, *Leach MS. B.M.*, is figured and described as a new species; *Orchestia tristensis* is identified with *Orchestia platensis*, Krøyer, 1845, from Monte Video; *Orchestia megalophthalma* is figured and described; and *Orchestia quoyana* is transferred, in agreement with Dana, to *Talorchestia*.

The list continues with *Lysianassa Costæ*; *Dexamine spinosa*; "*Dexamine? carino-spinosa*. *Cancer carino-spin.*, *Turton, Mont. Linn. Trans.* xi. 4. ? a. Isle of Wight," for which see Note on Turton, 1802. Seven species are assigned to *Amphithoe*, namely *A. rubricata*; *A. fucicola*, with *Pherusa fucic.*, *Leach*, for a synonym; *A. obtusata*, *Melita obtusata*, *Leach*; "*Amphithoe viridis*. *Elamis viridis*, *Leach, MSS.* a. Sicily." "*Amphithoe punctata*, *Say, Journ. Acad. Sc. Phil.* i. 383. a. U. States, (Great Egg Harbour). Presented by Thomas Say, Esq.;" "*Amphithoe truncatipes*, *Spinola. a-e*. Italy. Presented by M. Spinola," afterwards figured and described by Spence Bate in the *Brit. Mus. Catal.* as *Mura truncatipes*, with the remark, "this species may be *Gammarus crassimanus* of Viviani, 'Phosphor. Maris,' etc. p. 10. t. 2. figs. 7 and 8; but not having seen that work I hesitate to do more than suggest the possibility;" and lastly, *Amphithoe Edwardsii*, *Ross*, Sabine's *Talitrus Edwardsii*, from Spitzbergen, for which see Note on *Oniscus aculeatus*, Lepechin, 1780.

To *Gammarus* White's list refers 1. *G. locusta*, *Fabr.*; 2. "*Gammarus fluviatilis*, *Edw. Crust.* iii. 45. *Astacus fluvi.*, *Ræsel. Ins. Bel.* iii. t. 52. *Geoffr. Hist. Ins.* t. 21, f. 6. *Squilla pulex*, *De Geer, Mem.* vii. t. 33. *Gamm. Ræselii*, *Gervais, Ann. Sc. Nat. 2nd series*, iv. 128. *Gamm. aquaticus*, *Leach, Enc. Brit. Suppl.* i. 425. a-g. Duddingston. From the collection of Dr. Leach;" 3. *G. fasciatus*, *Say*, presented by Say; 4. "*Gammarus minimus*, *Say, Journ. Acad. Sc. Phil.* i. 376. *Gam. fasciatus?* *Edw. Crust.* iii. 46. a-f. United States. Presented by Thomas Say, Esq.;" in naming which White followed Milne-Edwards in tacitly assuming that *minimus* was the form which Say intended for the specific designation, not the incorrect *minus* which in fact he printed, and which Spence Bate restores in the *Brit. Mus. Catal.* p. 221; 5. *G. marinus*, *Leach*; 6. *G. campylops*, *Leach*; 7. "*Gammarus pulex*,