

"Sectio B. *Pedum primum et secundum par longitudine æqualia*," with "Spec. 5. *Talitrus platycheles* Guérin."

"Sectio C. *Pedes primi paris secundi paris pedibus breviores. (Subg. Talitrorchestia nob.)*," with "Spec. 6. *Talitrus Cloquetii* (Audouin) Savigny."

In further remarks on this last species, of the correct figuring of which he is with some reason rather suspicious, he considers that his proposed new genus or subgenus agrees with *Orchestia fem.* by the structure of the first gnathopods, but by the relations of the second gnathopods not entirely either with *Orchestia* or with *Talitrus*, except that in "*T. Cloquetii*" the first gnathopod appears shorter than the second (as in *Orchestia mas.*); a circumstance, he says, which led Guérin to make it the type of his Section C.

The genus *Orchestia* is arranged by Brandt as follows:—

"Sectio I. *Antennæ superiores pedunculo inferiorum breviores. Subgen. Orchestia nob.)*

"A. *Pedum sextum et septimum par longitudine fere æquales vel septimum paullo longius.*

"a) *Marium septimi pedum paris tertius et quartus articulus plus minusve dilatati et incrassati Gen. Orchestia Leach Mss.?*

"a) *Fortiter dilatati.*" "Spec. 1. *Orchestia littorea* M. Edw.;" "Spec. 2. *Orchestia Montagu* Audouin," expressly including "*O. littorea* Rathke."

"β) *Satis dilatati.*" "Spec. 3. *Orchestia Euchore* F. Müller;" "Spec. 4. *Orchestia platensis* Kröyer."

"γ) *parum dilatati. (Gen. Scamballa Leach. Mss. e. p.)*" "Spec. 5. *Orchestia chilensis* M. Edw.;" "Spec. 6. *Orchestia gryllus* M. Edw.," the *Talitrus gryllus* of Bosc.

"b) *Marium septimi pedum paris tertius et quartus articulus nec in maribus, nec etiam in feminis dilatati. (Gen. Scamballa Leach Mss. List of the Crust. in the Brit. Mus. p. 86.)*

"a) *Chelæ marium inferior margo edentatus.*" "Spec. 7. *Orchestia ochotensis* n. sp."

"β) *Chelæ marium inferior margo plus minusve dentatus.*" "Spec. 8. *Orchestia Bottæ* M. Edw.," which he thus defines, on the supposition of the name belonging to a form brought by Nordmann from the Black Sea, "*O. Bottæ* (maris nigri). *Antennæ inferiores corporis tertia parte longiores flagello 20-articulato instructæ. Manus secundi pedum paris marium in marginis inferioris dimidio inferiore eminentiis tribus munita, uncoque terminali intus denticulato instructa;*" "Spec. 9. *Orchestia Deshayesii* Audouin . . . . . *Scamballa Kuhlana* Leach. Mss. teste List of Crust. of the Brit. Mus. p. 86;" "Spec. 10. *Orchestia Gryphus* F. Müller;" "Spec. 11. *Orchestia Quoyana* M. Edw."

"B. *Pedum sextum par septimo longius et latius.*" "Spec. 12. *Orchestia Fischeri* M. Edw."

"Sectio II. *Antennæ superiores pedunculo inferiorum longiores. (Subgen. Allorchestina nob.)*" "Spec. 13. *Orchestia nidrosiensis* Kröyer;" "Spec. 14. *Orchestia Pereiri* Lucas."

"Die als Subgenus *Allorchestina* aufgestellte Gruppe sind *Orchestien*, welche in dem ansehnlichen Längenverhältnisse der obern Fühler zu den untern sich der Gattung *Allorchestes* anreihen und sich nur durch den Mangel der spitzen Kralle an den Maxillarfüssen davon unterscheiden. Dass *O. nidrosiensis* kein *Allorchestes* sei, geht aus Kröyer's Mittheilung hervor, denn er bezeichnet darin den '*ultimus pedum maxillarium articulus*' bloß als '*conicus*.' Von *O. Pereiri* ist die Gestalt der Maxillarfüsse leider weder beschrieben, noch abgebildet, so dass sie möglicherweise ein echter *Allorchestes* sein könnte. Uebrigens nähert sich *O. nidrosiensis* wegen des *ultimus articulus pedum maxillarium conicus* auch mehr der Gattung *Allorchestes*, als die in der *Sectio I.* angeführten *Orchestien*."

"*Orchestiarum species non satis vel nonnullum descriptæ.*" "Spec. 15. *Orchestia Tristensis* (Scamballa *Tristensis* Leach. Mss.); "Spec. 16. *Orchestia megalophthalmos* (Scamballa *megalophthalmos* Leach. Mss.)" These two might come, he thinks, into his *Sect. I. a, γ* after *Orchestia gryllus* or into *Sect. I. b.* He considers "*Oniscus gammarellus* Pall. Spicil. Zool. fasc. IX. p. 57, Pl. IV. fig. 8," and "*Oniscus Stroemianus* O. Fabric. Faun. groenl. p. 261," also as doubtful species.