

*spinosus nec cultriformibus, interdum nudis.*" G. 3. *Platophium*, Dana.—"Corpus superne visum subellipticum, abdomine bene inflexo. Antennæ flagello brevi sæpe instructæ, inferiores longiores, superiores appendiculatæ. Pedes 1mi 2dique subchelati, 2dis validioribus. Pedes 10 postici mediocres." G. 4. *Cyrtophium*, Dana. "*Platophio* similis. Antennæ superiores non appendiculatæ." 3. *Styli caudales 3tii parvuli, biramei, ramo externo non uncinato, 2di 1mi que ramis extus non præcipue spinosis nec cultriformibus.*" G. 5. *Unciola*, Say. "4. *Styli caudales 3tii paulo elongati, biramei, ramo externo uncinato.*" G. 6. *Podocerus*, Leach.—"Pedes 1mi 2dique subchelati, 2dis validioribus. Antennæ superiores breviores, non appendiculatæ. [An maris digitus 2dus interdum 2-articulatus Kröyero teste.]" In a note he observes, "*Jassa* of Leach may without inconvenience be united to *Podocerus*, as there is no essential generic difference between them." The same remark has been applied by later writers to the next genus, G. 7. *Cratophium*, Dana, "Pedes 1mi 2dique subchelati, 2dis validioribus. Antennæ superiores breviores, appendiculatæ." "B. Digitus 2dus 2-articulatus." G. 8. *Cerapus*, Say. "Antennæ pediformes, subæquæ, flagellis carentes. Pedes 1mi 2dique prehensiles, 1mis parvulis, 2dis manu bene confectis. Styli caudales 3tii biramei, ramis subæquis, longiusculis. [Tubum membranaceum inhabitat.]" in which definition the account of the third uropods is rather to be remarked than accepted; G. 9. "*Cerapodina*, Edw. (*Cerapus*, Templeton);" G. 10. *Erichthonius*, Edw.

Subfam. 3. *Iciliinæ*. "Antennæ non pediformes nec subpediformes, flagellis sat longis basi que sat brevi instructæ. Styli caudales ac in *Corophiniis*." G. 1. *Icilius*, Dana. Pedes toti unguiculati et tenues, 4 antici longi, non prehensiles, ciliati, 10 postici fere similes. Antennæ superiores breviores non appendiculatæ." G. 2. *Pterygocera*, Latr.

Fam. IV. *Orchestidæ*, is introduced with the note:—"The author gives a different arrangement of the species of *Orchestidæ* from that published in this Journal, [2], viii, 135 and ix, 295, and rejects the genus *Talitronus*, there instituted. He follows Fr. Müller (*Archiv f. Nat.*, 1848, 53) in considering the *Talitri* and *Orchestiæ* as forming a single genus, his recent investigations confirming this view. The *Gammaridæ* also are rearranged." He then gives

"G. 1. *Orchestia*.—Maxillipedes non unguiculati. Antennæ 1mæ basi 2darum breviores. Epimeræ 5tæ 4tis parce breviores.

"Subgen. 1. *Talitrus*.—Pedes 1mi maris feminæve manu non instructi.

"Subgen. 2. *Talorchestia*, D.—Pedes 1mi maris ac in *Talitro*, feminæ manu parvulâ instructi.

"Subgen. 3. *Orchestia*.—Pedes 1mi maris feminæque manu plus minusve instructi.

"G. 2. *Allorchestes*, Dana.—Maxillipedes unguiculati. Antennæ 1mæ minores, basi 2darum longiores. Epimeræ 5tæ 4tis sæpius multo breviores." On the three subgenera see the following note. In the proposed arrangement the older name *Talitrus* should have been assigned to the genus, rather than *Orchestia*.

Fam. V. *Gammaridæ*, contains—

Subfam. 1. *Stegocephalinæ*. G. 1. *Stegocephalus*, Kröyer.

Subfam. 2. *Lysianassinæ*. G. 1. *Lysianassa*, Edw.; G. 2. *Phlias*, Guérin; G. 3. *Opis*, Kröyer; G. 4. *Uristes*, Dana, with a reference to "*Amer. J. Sc.* [2], viii, 135. The genus *Stenia* is rejected;" G. 5. *Anonyx*, Kröyer; G. 6. *Urothoe*, Dana, "Epimeræ permagnæ, 5tis parvis. Antennæ 1mæ breviores, appendiculatæ, basi sat elongato. Styli caudales postici longi, biramei, ramis foliaceis, ciliatis. Mandibulæ palpo 3-articulato."

Subfam. 3. *Leucothoinæ*.—"Antennæ superiores basi plus minusve graciles. Maxillipedes elongati, angusti, articulo longo unguiformi confecti, lamellis internis perbrevis. Mandibulæ sive palpigeræ sive non palpigeræ, processu molari carentes. [An semper?] Epimeræ magnæ." G. 1. *Stenothoe*, Dana, "Epimeræ permagnæ, 4tæ maximæ, 5tæ parvulæ. Pedes 4 antici subchelati, 2dis validioribus. Antennæ superiores longiores, non appendiculatæ. Mandibulæ non palpigeræ, processu molari carentes. Styli caudales 1mi