

- Subfam. XVI. Leptocheirinæ, new, contains *Leptocheirus pilosus*, Zaddach, and the new genus *Goësia*, for *Autonoë depressa*, Goës.
- Subfam. XVII. Photinæ, new, said by a slip, which is repeated in the larger work, to have "Pedes 7mi paris breviores quam 6ti paris," receives *Photis reinhardi*, Krøyer, "*Photis Lütkeni*," n. s., which Norman identifies with the earlier *Eiscladus longicaudatus*, Bate and Westwood, while Boeck makes *longicaudatus* a synonym of *Reinhardi*; *Microprotopus maculatus*, Norman; "*Xenoclea Batei*," a new genus and species, which is so like the earlier *Nænia rimapalma* of Spence Bate, that I do not think they should be kept distinct, although Boeck says that the apex of the telson in his species is cleft or sinuate. On the other hand the genus *Nænia*, 1862, must yield to *Podoceropsis*, 1860.
- Subfam. XVIII. Microdeutopinæ, new, contains *Microdeutopus*, Costa, 1853, for the species *Microdeutopus gryllotalpa*, Costa, and *Gammarus anomulus*, Rathke; *Aora gracilis*, Sp. Bate; *Autonoë*, Bruzelius, 1859, for *Gammarus longipes*, Lilljeborg, and *Autonoë plumosa*, n. s.; *Protomedeia fasciata*, Krøyer, and *Protomedeia longimana*, n. s.; *Gammaropsis erythrophthalmus*, Lilljeborg, the species described by Boeck being, according to G. O. Sars, *Ov. Norg. Crust.*, p. 111, quite distinct from Lilljeborg's, on which account he renames it *Gammaropsis melanops*, although it must be observed that in this work the eyes are said to be "rubri," an expression omitted from the later work, where no colour for the eyes is mentioned; *Podoceropsis sophiæ*, Boeck.
- Subfam. XIX. Amphithoinæ, new, contains *Amphithoë podoceroïdes*, Rathke, *Amphithoë grandimana*, Boeck; *Sunamphithoë hamulus*, Sp. Bate, *Sunamphithoë longicornis*, n. s.
- Subfam. XX. Podocerinæ, new, includes *Podocerus*, Leach, to receive *Ischyrocerus latipes*, Krøyer, *Podocerus megacheir*, n. s., *Ischyrocerus anguipes*, Krøyer, *Cancer (Gammarus) falcatus*, Montagu; *Janassa*, a new genus for *Podocerus variegatus*, Leach, which is probably only a form of *Podocerus falcatus*, while the name *Janassa* is preoccupied among fossil fish; *Cerapus*, Say, 1817, to receive *Cerapus abditus*, Templeton, *Cerapus difformis*, Milne-Edwards, *Cerapus longimanus*, n. s., and *Cerapus hunteri*, Sp. Bate, the last three of which S. I. Smith places in the genus *Erichthonius*, Milne-Edwards, making the species *hunteri* synonymous with *difformis*.
- Subfam. XXI. "Chelurinæ. Allman 1837," has only *Chelura terebrans*, Philippi.
- Subfam. XXII. "Corophinæ. Dana 1849," contains *Corophium*, Latreille, 1807, to receive *Cancer grossipes*, Linné, *Corophium crassicorne*, Bruzelius, 1859, with "? *Corophium acherusicum*, Costa," 1856, and "? *Corophium crassicorne (Bruzelius)*, Spence Bate and Westwood," 1863, given in the synonymy, *Corophium affine*, Bruzelius, with "? *Corophium Bonellii*, Milne-Edwards," ♀, 1830, in the synonymy, this last being, according to G. O. Sars, *Ov. Norg. Crust.*, p. 112, distinct from *Corophium crassicorne*, Bruzelius, to which Boeck in his later work doubtfully makes it a synonym, withdrawing it from *Corophium affine*; *Siphonæcetus*, afterwards corrected to *Siphonæcetes*, Krøyer, 1845, to receive *Siphonæcetes typicus*, Krøyer, "*Siphonæcetes Colletti*," n. s.; *Glaucanome*, Krøyer, 1845, a preoccupied name, which must yield, as pointed out by S. I. Smith, to *Unciola*, Say, but here used for the three species, *leucopis*, Krøyer, which Smith identifies with *Unciola irrorata*, Say, "*Krøyeri*," n. s., and "*Steenstrupi*," n. s.; and lastly *Hela (now Neohela) monstrosa*, Boeck.
- Fam. IV. "Dulichidæ. Dana 1849," comprises *Dulichia*, Krøyer, 1845, with six species, *spinosissima*, Krøyer, *falcata*, Sp. Bate, "*Nordlandica*," n. s., *tuberculata*, n. s., *curticauda*, n. s., *porrecta*, Sp. Bate; *Paradulichia typica*, new genus and species; *Lætmatophilus*, Bruzelius, 1859, with the species *tuberculatus*, Bruzelius, and *spinosissimus*, n. s.; "*Xenodice Frauenfeldti*," new genus and species.
- Fam. V. "Caprellidæ. Leach 1815," has two subfamilies:—
- Subfam. I. Caprellinæ, new, contains *Proto goodsirii*, Sp. Bate, which is now made a synonym of the following species, *Proto ventricosa*, Müller; *Cercops holbølli*, Krøyer; *Ægina*, Krøyer,