

- In the second group of the Corophiidae, *Elasmopus*, Costa, is given as a synonym of *Podocerus*, Leach, but afterwards in the fifth subfamily of the Gammaridae as a synonym of *Mæra*, Leach, to which it comes in fact much nearer. It is not easy to see why *Microdeutopus*, Costa, and *Autonoë*, Bruz., should become synonyms of *Aora*, Krøyer, while *Stimpsonia*, Sp. Bate, is retained as an independent genus. *Cratippus*, Sp. Bate, is of later date than *Colomastix*, Grube. The preoccupied name *Anisopus*, Templet., should rather be assigned as a synonym to *Sunamphithoë*, Sp. Bate, than to *Amphithoë*, Leach. The same may be said of *Pleonexes*, Sp. Bate, since its type species, *Pleonexes gammaroides*, is almost undoubtedly a *Sunamphithoë*. *Leptocheirus*, Zaddach, should not be made a synonym of *Protomedeia*, Krøyer; Boeck even put the two genera in different subfamilies.
- In Fam. 4. Icilinæ, Dana, it should not be given as a generic character of *Icilius* that the second uropods are longer than the third; they are not so represented by Dana in the type species. If *Icridium*, Grube, is the same as *Pereionotus*, Bate and Westwood, as most probably is the case, the latter name has priority. In the definition of the family, the expression "die beiden vorderen Beinpaare von den folgenden nicht formell abweichend" is inaccurate, since, at least in *Icilius*, the gnathopods have the third joint *under-riding* the wrist.
- In Fam. 5. Clydoninæ, Dana, *Clydonia*, Dana, has recently been identified by Bovallius with *Tyro*, M.-Edw.
- In Fam. 6. Gammaridae, Subfam. 1. Lysianassina (et Stegocephalina), Dana, an attempt, with which most students will sympathise, is heroically made to reduce the number of genera, by grouping several that Boeck has established, under earlier names and comprehensive definitions. But it seems hardly just to set aside without argument results at which Boeck arrived by patient and laborious investigation. Moreover, rejected genera are very apt to make their reappearance, when fresh research and the discovery of new species makes the want of them felt, and then the earlier rejection has only the effect of complicating the synonymy. Many of Leach's genera were at one time thought superfluous, but are now firmly established. On the other hand, comprehensive definitions such as that of *Paramphithoë* by Bruzelius, are apt to introduce a confusion which it almost needs a General Council to disentangle. The preoccupied *Opis*, Krøyer, has been altered by Boeck into *Opisa*; the definition here given does not suit *Normania*, Boeck, which is made synonymous with it. *Egidia*, Costa, here given among the Lysianassina, is no doubt synonymous with *Urothoë*, Dana, given later on among the *Phoxina*, Sp. Bate. *Glyceria*, Haswell, being preoccupied, has been altered to *Glycerina*.
- In the second group of this subfamily, *Andania*, Boeck, is made a synonym of *Stegocephalus*, Krøyer, but I venture to think that a comparison of the mandibles shows such a combination to be impossible; on what grounds *Priscilla* and *Argissa*, Boeck, are made synonyms of *Pontoporeia*, Krøyer, I can still less understand, since the type species of these three genera are strikingly different in outward form.
- In Subfam. 2. Phoxina, Sp. Bate, the definition begins with the words, "Kopf niedrig, schnabelförmig ausgezogen, den Ursprung der oberen Fühler kappenförmig überdachend." But the first genus assigned to the subfamily is *Lepidactylis*, in which there is no such hood-like prolongation of the head, the small acute rostrum being between the antennæ. A similar remark will apply to *Urothoë*, of which indeed Gerstaecker himself says, "Kopf nur kurz schnabelförmig ausgezogen," as well as to *Cheirocratus*, Norman, which is here given as a synonym of *Lilljeborgia* [rather *Liljeborgia*] Sp. Bate, although in fact it cannot in classification be placed even beside it, if any attention be paid to the mouth-organs. *Acanthonotus*, Owen, being preoccupied, has been altered by Boeck into *Acanthonotozoma*.
- In Subfam. 5. Gammarina, *Cressa*, Boeck, which is given as a synonym of genus 37, *Stenothoë*, Dana, has been identified by G. O. Sars with *Danaia*, Sp. Bate. *Metopa*, Boeck, a genus in which there is a mandibular palp, is also given as a synonym of *Stenothoë*, in which the