

Catal. by Spence Bate, except that to the generic account is added the fact that the upper antennæ are without accessory flagellum, and from the specific account is omitted the statement that the peræopods are subequal.

- In the fourth subfam. Phoxinæ, Sp. B., is given "*Phoxus erythrophthalmus* Catta. A. Ph. Holböllii differt oculo perfecto in utroque latere. (Descriptio plenior nondum exstat.) Habit.: Marseille, Montredon (Catta)"; to *Pontocrates*, Boeck, is attached the synonym "*Kroyeria* Sp. B.," which should be *Kroyera*. *Acanthonotus*, Owen, is retained in preference to *Epimeria*, Costa, which, however, rightly supersedes *Acanthonotus*, preoccupied long before Owen used it. Here also Carus places "*Lilljeborgia* Sp. B." and *Guerinia*, Hope.
- In the fifth subfam. Gammarinæ (Dana), Cls., the habitat of "*Mæra Blanchardi* Sp. B.," is given as "Capo S. Viti, Sicilia (Milne-Edwards)," but the Brit. Mus. Catal., p. 190, gives for this species "*Hab.* Cape of Santo Viti, Sicily (*M. Emile Blanchard*)," and ascribes to M. Blanchard "the description as well as the figure." To *Mæra erythrophthalma*, Heller, "*Eurystheus erythrophthalmus* Sp. B." is assigned as a synonym, although the latter species has the telson tubular, while Heller's species has "telson in partes duas triangulares, invicem imbricatas divisum." *Ceralocus*, A. Costa, is given as a synonym for *Melita*, Leach, as well as for *Mæra*, Leach, *Ceralocus orchestiipes*, A. Costa, being assigned under the latter as a synonym to *Mæra orchestiipes*, Heller. *Melita oxyura*, Catta, is thus described:—"Stipitis antennarum I. articulus 1. in extremitate spina forti armatus; segmenta caudalia margine postero-inferiore fortiter denticulato; stili caudales posteriores graciles breves. Habit.: Marseille, Ratonneau, 10-13 org. prof. (Catta)." To *Protomedeia*, Kr., the synonyms "*Leptocheirus* Zadd., *Ptilochirus* Stimps.," are assigned. Zaddach's genus *Leptocheirus* has, however, been shown by Boeck to be distinct from *Protomedeia*. Some rearrangement therefore is necessary of the species assigned to this genus, viz. 1. *Protomedeia hirsutimana*, Sp. B. ♀. "Habit.: Marseille (var. *massiliensis*) Catta," which should be *Leptocheirus hirsutimanus*; "2. *Pr. pilosa* Sp. B. (*Leptocheirus pilosus* Zadd.)," which should be *Leptocheirus pilosus*, Zaddach; "3. *Pr. guttata* Gr. ♀," "4. *Pr. fasciata* A. Costa." The name *Protomedeia fasciata*, was used by Krøyer for the briefly described type species of his genus. Stimpson's genus is not *Ptilochirus*, but *Ptilocheirus*.
- In the sixth subfam. Lysianassinæ, Dana, for the eighth species, *Lysianassa ciliata*, Grube, the synonym "? *L. Audouiniana* Sp. B." is suggested, but whereas in *Lysianassa audouiniana*, "the central tail-piece is simple, squamiform, concave above, and rounded at the apex," which agrees with the definition of *Lysianassa* here given (*telson simplex squamiforme*), *Lysianassa ciliata*, Grube, on the contrary, has the telson "usque ultra medium fissum." *Egidia*, A. Costa, has been identified by Boeck with *Urothoë*, Dana, 1852. *Ichnopus calceolatus*, Heller, 1867, is identified by Boeck with his own *Ichnopus spinicornis*, 1860. "*Callisoma Barthelemyi* Hope," entered as "non descripta," has been both described and figured. See Note on Costa, 1853.
- In the third tribe Hyperina, M.-Edw., in the first fam. Vibiliidæ (Dana) Cls., to "*Vibilia Jeangerardi* Luc., are suggested as synonyms, "? *V. speciosa* A. Costa, ? *V. mediterranea* Cls." In the second fam. Hyperidæ (M.-Edw.), Sp. B., for *Lestrigonus mediterraneus*, A. Costa, is substituted *Hyperia mediterranea*, V. Crs. In the fourth fam. Platyscelidæ, Cls., and its first subfam. Typhidæ, Cls., the name *Eutyphis*, Cls., is adopted with the synonymy "*Typhis* Risso, *Thyropus* Dana ♂, *Dithyrus* Dana et *Platyscelus* Sp. B. ♀," of which, however, *Dithyrus*, Dana, has the claim of priority over *Eutyphis*. In the third subfam. Lycæidæ, Cls., to *Lycæa robusta*, Cls., a synonym is suggested in "? *L. puler*, Marion. In the fourth subfam. Oxycephalidæ, Cls., *Oxycephalus*, M.-Edw., has the synonymy "*Natalius* A. Costa, ? *Ornithorhamphus* De Nat.," and the species *Oxycephalus similis*, Claus, is accompanied by the synonym, "? *Natalius candidissimus* A. Costa." In