

grounds for separating the genus *Aora* from *Microdeuteropus*. We have seen that the females of [the] two are almost undistinguishable; and if *Aora* be divided from *Microdeuteropus* because the tooth-like projection proceeds from the meros [third joint] and not the carpus [wrist], *M. Websterii* must in justice have a similar distinction conferred upon it, because in that species the tooth-like projection does not spring from either meros or carpus, but from the hand." Mr. Chilton in 1885 definitely unites the genera *Aora* and *Microdeuteropus*, and would, it may be presumed, make *Autonoe* also a synonym of *Aora*. Boeck adopted the other alternative suggested by Mr. Norman, and allowed *Gammarus longipes* to have the distinction of a separate generic name on account of the hand of the first gnathopods; his definition is as follows:—

"*First Gnathopods* larger than the *Second*; the fifth joint in both sexes forming the hand, which is stronger in the male than in the female.

"The *Third Uropods* with the outer ramus longer than the inner.

"In other points almost as in the genus *Microdeuteropus*."

Practically the generic character must be reduced to the description of the first gnathopods, since in the description which Boeck gives alike of *Autonoe longipes*, Liljeborg, and of his own *Autonoe plumosa*, it is clear that the difference in length between the two rami of the third uropods is insignificant. None the less I am much more doubtful than I formerly was of the expedience of combining the three genera *Aora*, *Microdeuteropus*, and *Autonoe*, since the character of the first gnathopods in the male of *Aora* is so peculiar, that, as more and more species in the group become known, there will be a continual tendency, I imagine, to draw the *Aora*-form apart from the other two, and then the severance also of those two becomes, as Norman points out, a logical consequence.

The definition of *Microdeuteropus*, to which Boeck refers in defining both *Aora* and *Autonoe*, is as follows:—

"*Upper Antennæ* longer than the *Lower*; the third joint of the peduncle short.

"*First Gnathopods* larger than the *Second*; the wrist of the male very dilated, produced at the lower hinder angle; the fifth joint or hand narrower than the wrist and together with the finger forming a two-jointed thumb (una cum ungue pollicem 2articulatum formanti); the fifth joint in the female very dilated and forming the hand.

"The *First* and *Second Peræopods* with the finger shorter than the fifth joint.

"The *Third Uropods* with the inner and outer ramus almost equal in length."

*Autonoe philacantha*, n. sp. (Pl. CX.).

*Rostrum* scarcely perceptible, lateral lobes of the head small, acute, lower angles still more acute; the postero-lateral angles of the first three pleon-segments rounded, especially those of the third segment.