

palp, the plates of the first maxillæ, the small inner plates of the maxillipeds, but on the other hand the palp of the first maxillæ is one-jointed, and the outer plates of the maxillipeds, though small, are not rudimentary. The telson is undivided as in *Leucothoë*, but the third uropods are uniramous as in the *Stenothoinæ*. In the gnathopods of *Seba* it is not the wrist, as in *Leucothoë*, but the hand which sends out the chela-forming process. In the British Museum Catalogue, Spence Bate places *Pardalisca* immediately before *Seba*, and *Leucothoë* before *Pardalisca*. Thomson and Chilton in their New Zealand Catalogue place *Seba* immediately after *Leucothoë*. Gerstaecker, with a note of interrogation prefixed, makes *Seba* a synonym of *Leucothoë*, but in the definition of the latter genus he describes the wrist of the gnathopods as "stark fingerförmig ausgezogen," both this character and the account given of the uropods precluding the union of the two genera which he suggests. Boeck's definition of the *Leucothoinæ* would require to be considerably modified for the inclusion of *Seba*, which for the present I am content to place rather on the confines of the family *Leucothoidæ* (Sars) than within it.

*Seba saundersii*, Stebbing, 1875 (Pl. XLIX.).

1875. *Seba Saundersii*, Stebbing, Ann. and Mag. Nat. Hist., ser. 4, vol. xv. p. 2, pl. xv. figs. 2, 2a-2c.

1884. *Teraticum typicum*, Chilton, Trans. New Zealand Inst., vol. xvi. p. 257, pl. xviii. figs. 1, 1a-1f.

? 1885. *Seba typica*, Chilton, New Zealand Journ. Sci., vol. ii. p. 320.

1886. " " Thomson and Chilton, Trans. New Zealand Inst., vol. xviii. p. 148.

The lateral lobes of the head narrow, not very prominent, the first two segments of the pleon postero-laterally almost right-angled, the hind margin of the second segment faintly serrate upwards, the third segment with the postero-lateral angles somewhat produced, rounded.

*Eyes* not observed.

*Upper Antennæ*.—The first joint shorter but broader than the second, the third scarcely half the length of the second, the flagellum of five joints, together equal to the second joint of the peduncle, the first equal to the third joint of the peduncle, the first four armed with cylinders; the accessory flagellum not quite so long as the first joint of the primary, its first joint narrow and tapering, its second rudimentary, cylindrical, tipped with two setules.

*Lower Antennæ* rather shorter than the upper. The first joint a little dilated, the second as long as the third, with the gland-cone inconspicuous; the fourth joint longer than the three preceding joints united; the fifth shorter and narrower than the fourth, tapering slightly; the flagellum of three joints tipped with setules, the first joint longer than the second, and the second than the third, the three together shorter than the fifth joint of the peduncle.