

*Maxillipeds*.—The outer plate has a smooth inner margin, the spine-teeth being set back at a little distance, although distally projecting beyond it; the palp's short finger has several setules on the inner margin near the base of the very acute nail, which is nearly as long as the basal part of the joint. In general these organs agree well with the description given by Boeck.

*Gnathopods*.—To the figures of these given by Goës Schneider objects that the lower hinder angle of the third joint is represented as rounded, "whereas in reality it is very sharply right-angled," but in the Challenger specimen, though this angle is scarcely to be called rounded, neither is it to be called sharply right-angled. One of the second pair of gnathopods in this specimen has the hand and finger so abnormal that had the other member of the pair been wanting this accident might have led to the institution of a new species.

*Pleopods*.—The cleft spines are very strong; the series numbers seven in the first pair, six in the second, five in the third.

*The Telson* is rather deeply concave or boat-shaped above, apically a little emarginate as well as serrate.

*Length*.—The larger specimen measured, from the front of the head to the end of the third pleon-segment, half an inch, and from the end of the third pleon-segment to the extremity of the uropods, a quarter of an inch, this part of the pleon being bent at right angles to the rest of the body in the specimen measured.

*Locality*.—Station 49, south of Halifax, Nova Scotia, May 20, 1873; lat. 43° 3' N., long. 63° 39' W.; depth, 85 fathoms; bottom, gravel, stones; bottom temperature, 35°. Two specimens, females.

*Halirages huxleyanus* (Sp. Bate) (Pl. LXXIII.).

1862. *Atylus Huxleyanus*, Spence Bate, Brit. Mus. Catal. Amph. Crust., p. 135, pl. xxv. fig. 4.

1870. ,, ? *Batei*?, Cunningham, Trans. Linn. Soc. Lond., vol. xxvii. p. 498.

1870. ,, *Huxleyanus*, Cunningham, Trans. Linn. Soc. Lond., vol. xxvii. p. 498.

A short acute rostrum; head and peræon as far as the sixth segment dorsally rounded; back of peræon with an imbricated appearance, postero-lateral angles of the three last segments acutely produced backwards; the sixth and seventh segments of the peræon and first three of the pleon produced backwards dorsally in large pointed processes, that on the second pleon-segment being the longest; the three first segments of the pleon dorsally carinate, with their postero-lateral angles produced in short sharp points. There are markings on the integument, described by Mr. Spence Bate as "somewhat resembling the representation of a flying bird."

*Eyes* round, of moderate size, dark coloured in the specimen preserved in spirits, the numerous ocelli long, so as to present a broad outer ring, uncoloured.