

*Histiopsis*,<sup>1</sup> Hoyle.

*Body* resembling *Calliteuthis*, Verrill, in shape and in the pigment spots scattered over it. *Siphon* with a suspensory ligament and a valve.

*Head* large and broad; *eyes* very large.

*Arms* webbed to some extent between the dorsal, dorso-lateral, and lateral pairs. *Suckers* small in two series.

*Tentacles* truncated in the only known specimen.

*Gladius* resembling that of *Loligo*, but short and broad.

This genus is erected for a unique specimen which was brought up by the trawl in the middle of the South Atlantic; as will appear in the sequel it presents characters which show it to occupy a position intermediate between *Calliteuthis* and *Histioteuthis*.

*Histiopsis atlantica*, Hoyle (Pl. XXX. figs. 9-15).

1885. *Histiopsis atlantica*, Hoyle, in Narr. Chall. Exp., vol. i. p. 273 (*nomen tantum*).

1885. " " Hoyle, Diagnoses II., p. 201.

1885. " " Hoyle, Prelim. Rep. II., p. 306.

*Habitat*.—Station 333, Mid-South Atlantic, March 13, 1876; lat. 35° 36' S., long. 21° 12' W.; 2025 fathoms; Globigerina ooze. One specimen, ♂.

*The Body* is short and conical; acuminate and curving gently downwards posteriorly. The *fin* is about one-third the length of the body and considerably broader than long; each half is roughly semicircular and narrows into its insertion both in front and behind. The *mantle-margin* is in general transverse, but projects slightly as a blunt rounded angle in the dorsal median line. The *mantle-connective* consists of a groove with a narrow median fillet in the mid-dorsal line fitting into a corresponding cartilaginous surface on the back of the neck, and of a long linear ridge extending up to the margin, which fits into a shorter groove on the base of the *siphon*; this is broad, short, and conical, has a thick suspensory ligament, through the skin of which two muscles may be distinguished, and a distinct valve.

*The Head* is as large as the body, rounded at the sides, and flattened above and below. The *eyes* appear to have been enormous, one is distended and protrudes from its orbit, whilst the other is shrivelled (fig. 9). There is no auricular crest nor preocular pore, but behind each eye is a white papilla.

*The Arms* are about equal in length to the head and body together; the dorsal are

<sup>1</sup> Contracted from "*Histioteuthopsis*." There being only one species the generic diagnosis is of course merely provisional.