

Dimensions.

Length, total,	1155 mm.	
End of body to mantle-margin,	163 "	
End of body to eye,	175 "	
Breadth of body,	125 "	
Breadth of head,	about 100 "	
Eye to root of fin,	126 "	
Length of fin,	76 "	
Breadth of fin (extreme),	513 "	
Breadth of intermediate web,	180 "	
Diameter of largest sucker,	8 "	
Length of longest cirri,	80 "	
Breadth of dorsal cartilage,	100 "	
Length (greatest antero-posterior),	50 "	
,, (median),	20 "	
Thickness (dorso-ventral),	20 "	
		Right. Left.
Length of first arm,	875 mm.	875 mm.
Length of second arm,	870 "	875 "
Length of third arm,	870 "	890 "
Length of fourth arm,	838 "	915 "
Length of free tip of arms,	about 30 "	30 "
Suckers on first arm,	103 "	80 "
Suckers on second arm,	83 "	88 "
Suckers on third arm,	103 "	102 "
Suckers on fourth arm,	84 "	85 "

The species just described is based upon only two specimens; the smaller is in a very fragmentary condition, but the larger is of special interest as being, so far as I am aware, by far the largest of the genus hitherto known; the fine series of *Cirroteuthis mülleri* in the Copenhagen Museum contains none more than 40 cm. in extreme length.

Still larger dimensions must, however, be sometimes attained by the genus, as is proved by the suckers which were removed from a dead specimen floating on the surface, and which measured nearly twice as much in diameter as those of the present individual (see p. 66).

The arrangement of the web needs perhaps a little further description. Commencing with the portion between the two dorsal arms, it extends almost up to their extremities, only a very slender tapering portion projecting beyond it (Pl. XII. fig. 2, and woodcut 2). The arms themselves appear to be thickenings of the margin of the web for the reception of the suckers, rather than independent structures; they are about 25 mm. wide, thickened at the free margin where the suckers are inserted, and becoming gradually thinner as they pass into the web. A curved line (*i, i*, woodcut 2) may be seen passing along the membrane on either side from near the mouth to a point about two-thirds up the arm; this line is the attachment of the web extending between the dorsal and dorso-