

and taper gradually to blunt points; their section shows a triangle projecting inwards, and a rounded surface looking outwards; the former much more prominent than the latter. The *umbrella* is wide, extending one-third up the arms, a little further dorsally than ventrally. The *suckers* are comparatively small, closely set, and deeply cupped. No *hectocotylus* was found on either specimen, hence they are considered to be females, a supposition subsequently verified in the case of the one whose body was preserved.

The *Surface* is perfectly smooth.

The *Colour* is dull purple, palest on the body, and deepest on the inner surface of the umbrella.

The *Jaws* are shown on Pl. VIII. figs. 5, 6.

*Dimensions.*

Length, total, . . . . .	165 mm.	
End of body to mantle-margin, . . . . .	45 "	
End of body to eye, . . . . .	55 "	
Breadth of body, . . . . .	45 "	
Breadth of head, . . . . .	35 "	
Eye to edge of umbrella, . . . . .	50 "	
Diameter of largest sucker, . . . . .	3 "	
	Right.	Left.
Length of first arm, <sup>1</sup> . . . . .	100 mm.	105 mm.
Length of second arm, . . . . .	105 "	100 "
Length of third arm, . . . . .	110 "	100 "
Length of fourth arm, . . . . .	110 "	105 "

The better preserved of these two specimens is of interest as having come from the Southern Ocean, of the fauna of which we have but scanty reports; the mangled remains of another from the South Pacific, which have been referred with some doubt to the same species, indicate that it may perhaps have a wide range in deep water, for both examples appear to be from a depth of about 2000 fathoms.

*Eledone brevis*, Hoyle (Pl. VIII. fig. 7).

1885. *Eledone brevis*, Hoyle, Diagnoses I., p. 230.

1885. " " Hoyle, Prelim. Rep. I., p. 106.

*Habitat*.—Station 320, off Monte Video, February 14, 1876; lat. 37° 17' S., long. 53° 52' W.; 600 fathoms; green sand. Three specimens, ♀.

The *Body* is short, rounded, and depressed; blunt behind, and deeply grooved below. The *mantle-opening* extends one-third round the animal, and terminates immediately below the eyes. The *siphon* is short, acutely pointed, and extends less than halfway to the umbrella margin.

<sup>1</sup> The lengths of the arms are measured from the eye.