

what flattened. The *club* (Pl. XXI. fig. 13) is flattened and expanded; along its outer margin is a very narrow membrane, and along the median edge, at some distance from the cupules, is a broad web, marked on the dorsal aspect with fine parallel shallow oblique grooves; along one margin it bears three or four series of small pedunculate *suckers*, whose *horny rings* bear very numerous and acute teeth.

The Surface is smooth.

The Colour is a dull purplish grey above, ochre with purple chromatophores below.

The Jaws are shown in figs. 18, 19.

The Shell (figs. 14-16) has a narrow elongated oval *outline*, somewhat pointed in front and tapering gradually backwards; the *chitinous margin* is uncovered over about one-third of the *dorsal surface*, which shows the boundary lines of the loculi clearly as brown striæ, and is very minutely roughened; the *ventral surface* is elevated, so that the shell is thick in proportion to its breadth, a narrow groove runs down the centre; the *last locus* has an index of 28.3 in the male and 30.5 in the female, and is bounded posteriorly by a shallow open curve. The *posterior extremity* is a very flattened irregular cone, to the apex of which the spine is attached; the *inner cone* is very shallow and its opening is some 4 mm. distant from the margin of the outer cone. The *spine* is long, straight, and points directly backward.

*Dimensions.*¹

Length, total,	177	mm.	
End of body to mantle-margin,	60	"	
End of body to eye,	62	"	
Breadth of body,	27	"	
Breadth of head,	19.5	"	
Eye to edge of umbrella,	9	"	
Breadth of fin,	3	"	
Diameter of largest sucker on sessile arm,	0.6	"	
Diameter of largest sucker on tentacle,	0.25	"	
Length of the shell,	60	"	
Breadth of the shell,	12.5	"	
	Right.	Left.	
Length of first arm, ²	35 mm.	25 mm.	
Length of second arm,	31 "	25 "	
Length of third arm,	28 "	28 "	
Length of fourth arm,	28 "	27 "	
Length of tentacle,	90 "	115 "	

This species resembles *Sepia andreana*, Steenstrup, from Hako Dadi, Japan, very closely in the form of the shell, which, however, is here a little thicker and broader in proportion to its length; in both, too, the ventral and third arms have a strong keel; the suckers are in four series except a varying number (two to four rows) at the

¹ Of the male specimen. In one of the females the shell is 59 mm. long and 13 mm. broad.

² The lengths of the arms are measured from the eye.