

ance are omitted (even the sex of the specimens not being mentioned), that there is still uncertainty as to the correctness of the identification.

I therefore add details, which are not given by the original describer, but which will show whether or not the two forms are identical.

*The Suckers* (figs. 2, 3) of the sessile arms are nearly hemispherical, with numerous meridional grooves which pass obliquely towards their distal side; the *horny ring* is smooth, and the *papillary area* unusually wide.

*The Suckers* of the tentacular club are in about ten rows, hemispherical in form, and mounted on long peduncles (fig. 4); the *horny ring* bears in its distal semicircumference from fifteen to twenty rather irregular conical teeth (fig. 6), and is surrounded by a *papillary area* with three rows of little spines and two of irregular plates (figs. 5, 7).

*The Shell* (figs. 8, 9, 10) is elliptical in *outline*, except that the posterior extremity is somewhat expanded; the *dorsal surface* has fine rugosities disposed in curves parallel to the anterior margin, and a raised ridge passes along its middle; the *chitinous margin* appears along the edges, and extends some distance beyond them: it is curved downwards and inwards laterally, while posteriorly it expands into the hemielliptical plate characteristic of the genus; the *ventral surface* is elevated so that the shell is thick, the *striated area* is not hollowed but has several slight grooves passing along it from back to front; the *last loculus* has an index of 33, and is bounded posteriorly by a somewhat irregularly waved line. The *inner cone* is represented only by a small fillet of calcareous matter from which the limbs pass forwards as thin tapering strips, which extend forwards along only one-third of the striated area.

*The Colour* is pale yellowish below, and of a dark slate tint above, with no trace of the remarkable patch over the posterior sac, which is seen in d'Orbigny's figures.<sup>1</sup>

#### *Dimensions.*

End of body to mantle-margin, . . . . .	125	mm.	
End of body to eye, . . . . .	122	,,	
Breadth of body, . . . . .	48	,,	
Breadth of head, . . . . .	42	,,	
Eye to edge of umbrella, . . . . .	28	,,	
Breadth of fin, average, . . . . .	10	,,	
	<b>Right.</b>	<b>Left.</b>	
Length of first arm, . . . . .	43	mm.	42
Length of second arm, . . . . .	35	,,	36
Length of third arm, . . . . .	40	,,	40
Length of fourth arm, . . . . .	45	,,	35
Length of tentacle, . . . . .	70	,,	...

<sup>1</sup> Céph. acét., Seiches, pl. xx. fig. 1, pl. xxii. fig. 1.