

*The Body* is of medium breadth, widest one-third back, curving evenly to a pointed posterior extremity. The *fin* is nearly one-third the breadth of the body, extending from the anterior margin of the mantle to within 4 mm. of its fellow at the posterior extremity. The *mantle-margin* projects to a considerable extent over the head dorsally, and is slightly emarginate ventrally. The *siphon* is long, reaching up to the interspace between the ventral arms.

*The Head* is of medium breadth and the *eyes* prominent.

*The Arms* are subequal, their order of length being 4, 3, 2, 1; they are a little more than half as long as the body; the dorsal are the smallest and subconical, the ventral wide and with a narrow web on the outer aspect; they all taper gradually to fine points. The *suckers* (figs. 6, 7) are in four series throughout, pedunculate, oblique, notched proximally and distally, and with meridional grooves on the margin; the *horny ring* has about twenty blunt triangular teeth on the distal semi-circumference, and is surrounded by a broad papillary area (fig. 7). The *hectocotylus* was not observed, all the specimens being females. The *umbrella* is but slightly developed, reaching in its greatest extent (between the third and fourth arms) only to the fourth row of suckers. The *buccal membrane* has the usual seven points, but there is no *spermatid pad*. The *outer lip* is moderately thick and longitudinally ribbed; the *inner* is provided with many rows of elevated rounded papillæ.

*The Tentacles* are about as long as the mantle, and have stout three-sided *stems*; the *club* occupies about one-fourth of the whole length, and extends fully half round the stem (fig. 3); a protective membrane is found at either side of the suckers and a web along the dorso-median aspect of the club (fig. 4). The *suckers* are very numerous, minute, and closely packed; the *horny ring* has about eight or ten stout distant teeth on the distal margin (fig. 8).

*The Surface* is for the most part smooth, but there are about five elongated elevations down each side of the body near the origin of the fin, and a few minute papillæ on the dorsal surface.

*The Colour* is a dull purplish-grey above, pale ochre below.

*The Shell* is roughly elliptical in *outline* (figs. 10, 11, 12); the anterior extremity is bounded by two nearly straight lines forming a blunt rounded angle; the sides curve evenly outwards (the greatest breadth being a little anterior to the middle) and form a bluntish point behind. The *chitinous margin* is narrow and vanishes in the median ventral line behind. The *dorsal surface* is rough, with granules arranged in rows parallel to the anterior margin; three slightly elevated tracts diverge from the spine to the three anterior angles (fig. 12). The *ventral surface* is little elevated; the *last loculus* has an index of 29.5, and is emarginate behind, being bounded by a more or less evenly curved line; the *striated area* is excavated, so that the whole shell is thin; the *inner cone* is well developed, with a thickened rounded margin, and encloses a deep