

The Challenger specimen is somewhat differently coloured from that figured by Reeve. The spines on the hinder part are white, set upon a rich red ground, those upon the anterior half of the upper valve being lightish brown at the tips and white at the bases. In this species the lower valve is angulated down the middle, half, or a little more, being attached and the remainder arising at an oblique angle. The umbo in this valve is considerably curved over towards the front and away from the dorsal edge, but not nearly to the same extent as in *Chama multisquamosa*, an allied form. The interior of this valve is generally whitish in front, and more or less stained with purple-rose or purple-brown upon the hinder portion or non-attached half. The upper valve has usually less colour within, generally exhibiting a more or less distinct purplish stain from the umbo down the hinder central part and some purplish spots upon the outer margin. The spines upon the exterior of the lower valve vary in colour, being either white, brown, yellow, or pinkish.

*Chama carditæformis* (?), Reeve.

*Chama carditæformis*, Reeve, Conch. Icon., vol. iv. pl. vi. fig. 33.

*Habitat*.—Station 208, Philippine Islands, in 18 fathoms; blue mud.

The type of this species in the British Museum has been very much over-cleaned, and the spines to a great extent worn down so that it is impossible to pronounce with certainty whether the pretty little specimen from the above locality be without doubt conspecific. It is of the same *Cardita*-like form, but has a peculiar colouring. The short hollow spines in the free valve, which radiate in series from the umbo, have a pinkish-red spot within at their bases, which are only seen when the shell is placed in a certain position. The apices of both valves are pink, and the interior of the upper valve exhibits a broad brown stain upon the hinder half. The figure in the *Conchologia Iconica* is far from correct, the spines down the posterior side being greatly exaggerated.

*Chama jukesii*, Reeve.

*Chama jukesii*, Reeve, Conch. Icon., vol. iv. pl. vii. fig. 39.

*Habitat*.—Station 186, off Cape York, North Australia, in 8 fathoms; coral mud.

The type of this species in Cuming's collection was collected by Mr. J. B. Jukes at Cape Upstart, also on the north coast of Australia. I cannot discover any good reasons for separating either *Chama pellis-phocæ* or *Chama fibula* (both of Reeve) from this species.