

*Octopus pictus*, Brock, var. *fasciata*, nov. (Pl. VIII. fig. 3).

*Habitat*.—Port Jackson, Australia, April 23, 1874; 6 to 15 fathoms.

The variety differs from the typical form (1) in the somewhat elongated not spheroidal shape of the body, (2) in the inequality in the shape of the arms, (3) in the prominence of the suckers; none of which are points of great importance, being possibly due to varying states of contraction.

On the other hand, it agrees in the type of colouring, but here the dark pigment is arranged in continuous bands, which are not broken up into rounded patches as is the case in all the specimens I have seen; the spots of the type are, however, arranged in rows disposed similarly to the bands. Furthermore, each band contains an opaque-looking median streak like the centre of the spots, and the number of transverse stripes on the arms corresponds roughly in both forms.

*Octopus bermudensis*, Hoyle (Pl. II. fig. 5).

1885. *Octopus bermudensis*, Hoyle, Diagnoses I., p. 228.

1885. „ „ Hoyle, Prelim. Rep. I., p. 103.

*Habitat*.—Bermuda. One young specimen, ♀.

*The Body* is spheroidal, acuminate behind, and with a median groove ventrally. The *mantle-opening* extends rather less than half round the circumference of the body, and terminates some distance behind and a little below the eye. The *siphon* is long and smooth, and attached by nearly all its length to the head; it extends fully halfway to the umbrella-margin.

*The Head* is much narrower, and more depressed than the body; the *eyes* are scarcely at all prominent.

*The Arms* are unequal, in the order 1, 2, 3, 4; about six times as long as the body; they are very long and slender, tapering but slightly. The *umbrella* is small. The *suckers* are small, prominent, and closely set, and the first four stand in a slightly zigzag line. The only specimen being a female, no *hectocotylised arm* was observed.

*The Surface* is smooth for the most part, but the skin is wrinkled over the posterior acuminate extremity, owing to the action of the spirit; there is one very small wart over each eye.

*The Colour* is yellow ochre, with a pale sienna patch on the back and one on the head.