

This genus comes very near to the preceding one, *Phlyctenophora*, but the animal is altogether stouter in build, the limbs shorter, the setose armature of the antennæ much shorter and more robust, and the mandible provided with a branchial lamina; as regards the shell the chief distinction is in the want of angulation of the posterior extremity. The anatomy of the genus was worked out from one or two dried specimens sent to me by M. le Marquis de Folin, and, as regards the main points at any rate, the description given above may be relied upon as being accurate; but as all the Challenger specimens referable to the genus are mere empty shells, I am not able from this source to verify, or add anything to the first description, nor even to do more than guess at the genus to which these shells ought to be assigned.

1. *Aglaia* (?) *pusilla*, n. sp. (Pl. XXX. fig. 6, *a-d*).

Carapace compressed, oblong; seen from the side subreniform, rather higher in front than behind, height rather less than half the length; extremities obliquely rounded; dorsal margin very gently arched, ventral sinuated in the middle; seen from above ovate, tapering, and acuminate in front, narrowly rounded behind, width somewhat less than the height; end view subcircular. Surface of the shell perfectly smooth. Length, 1-50th of an inch (.5 mm.).

Dredged off East Moncœur Island, Bass Straits, in 38 to 40 fathoms. Sandy bottom. Station 162.

[Pl. XXX. fig. 6, *a-d*. *a* Carapace seen from left side, *b* from above, *c* from below, *d* from front. Magnified 50 diameters.]

2. *Aglaia clavata*, n. sp. (Pl. VI. fig. 4, *a-d*).

Shell elongated, reniform; seen from the side rather lower in front than behind, height greatest in the middle, and equal to less than half the length, extremities well rounded, dorsal margin gently arched, ventral slightly sinuated in the middle; seen from above, the outline is subclavate, widest behind the middle, tapering very gradually towards the front, and scarcely at all behind, anterior extremity very obtusely pointed, posterior broadly rounded; width and height nearly equal; end view circular; shell-surface perfectly smooth. Length, 1-45th of an inch (.54 mm.).

A few specimens from tow-net at trawl, Wellington Harbour, New Zealand.

[Pl. VI. fig. 4, *a-d*. *a* Shell seen from left side, *b* from above, *c* from below, *d* from front. Magnified 60 diameters.]

3. *Aglaia* (?) *meridionalis*, n. sp. (Pl. XXX. fig. 7, *a-d*).

Shell compressed, oblong; seen from the side sub-ovate, height equal to more than one-third of the length, extremities rounded and nearly equal in height, the posterior rather oblique; dorsal margin gently arched, highest in the middle, ventral straight;