

This very fine species has also been recorded from Yedo, Nagasaki, and Hakodadi, and probably does not extend to California as stated by Reeve.

*Amussium*, Klein.

*Amussium pleuronectes* (Linné).

*Ostrea pleuronectes*, Linné, Syst. Nat., ed. 12, p. 1145.

*Pecten pleuronectes*, Sowerby, Thes. Conch., vol. i. p. 55, pl. xvi. figs. 127, 128, 135, 136.

*Pecten pleuronectes*, Reeve, Conch. Icon., vol. viii. pl. xiii. fig. 48.

*Habitat.*—Station 203, Philippine Islands, in 20 fathoms; and Station 188, south of New Guinea, in 28 fathoms.

The Philippine specimens of this well-known species are like that figured in Reeve's work, but those from the North Australian region have the coloured valve curiously ornamented with angular brown markings, disposed somewhat regularly in radiating series, and towards the umbones the minute white dots which are usually noticeable are arranged in rays also.

*Amussium dalli*, n. sp. (Pl. XXII. figs. 7-7c).

Testa tenuissima, compressa, hyalino-albida, æquivalvis, elongata. Valvæ sculptura diversa ornata, altera (? dextra) conspicue nitente, incrementi lineis striisque tenuissimis sculpta, altera liris concentricis tenuibus ornata, undique minutissime cellulosa. Auriculæ parvæ, subæquales, utrinque acute angulatæ, in valva dextra lateribus paulo concavis. Pagina interna fulgens, liris undenis radiantibus albis haud ad marginem productis instructa.

This species is longer from the beaks to the lower margin than from side to side. It is almost equivalve, the smoother valve, which I regard as the right, being perhaps a trifle more swollen than the other. It is a very thin fragile shell, semitransparent and very glossy, particularly the right valve, which has a more glossy appearance than the left, the latter being of a somewhat thicker texture and of a dilute milky white colour. The valves are differently sculptured. The right merely exhibits the fine concentric lines of growth and very fine radiating substriae. The left is more beautifully ornamented, being concentrically closely and finely lirate, and throughout microscopically shagreened, the outer or surface-layer being composed of countless excessively minute closely packed crystal-like bodies having unequal sides, varying in number from four to six, and flat outer and basal surfaces. The beaks are acute, and converge to an angle of about 110 degrees. The ears are small, about equal on both sides, slightly concave laterally in the right valve. The interior is very glossy, strengthened by eleven fine radiating costellæ, which, with the exception of the two very short uppermost, only extend about half-way across the surface of the right valve, and rather further in the left, in which also they are a trifle thicker.