

dextra polita, concentricè exilissime striata, striisque radiantibus obsoletis sculpta; sinistra nitida, concentricè minuta lamellata, minutissimeque radiatim striata. Auriculæ minimæ, subæquales. Pagina interna nitida, liris albis tenuibus denis instructa.

This species is rather higher than long, rounded, but narrowed and produced above. It is very thin, slightly inequivalve, gaping considerably on both sides, glossy, pellucid around the outer margin, and rather thicker and more opaque towards the beaks. The right valve is the deeper, somewhat more shining than the left, exhibiting very fine lines of growth and indistinct radiating substriations. The left valve is more strongly concentrically sculptured, and the radiating striæ are more dense and stronger. The auricles are very small and almost of the same size. The beaks are acute, forming an apical angle of about 105 degrees, the converging dorsal lines being slightly concave. The interior of the valves towards the umbones, and rather more than half way across the valves, is more opaque than exteriorly, and is strengthened by ten white slender liræ of different lengths. The outer pellucid zone of the right valve is very prettily blue-prismatic within.

Length 20 mm., height 22, diameter $4\frac{1}{2}$.

Habitat.—Station 207, west of the island of Luzon, Philippines, at a depth of 700 fathoms; blue mud.

The chief characteristics of this species besides form, are its fragility, fine sculpture, glossy surface, and the ten radiating costellæ. The right valve is somewhat yellowish, and the left whiter.

Amussium jeffreysii, n. sp. (Pl. XXIII. figs. 2–2c).

Testa tenuissima, paulo inæquivalvis, oblique rotunde ovata, utrinque conspicue hians, subnitida, valvis dissimiliter sculptis, diverseque coloratis dextra superne in medioque aurantiaca, marginem versus pallida diaphana, radiatim tenuiter lirata, incrementique lineis ornata, valva sinistra superne in medioque quam dextra pallidiore, inferne pellucida, concentricè tenuiter lirata. Auriculæ parvæ, subæquales, ad latera obliquæ, postica valvæ sinistræ cæteris leviter dissimile. Pagina interna nitens, liris radiantibus inæqualibus albis abrupte terminatis circiter 15 instructa.

This very beautiful species is higher than long, compressed, gapes considerably at the sides, is slightly oblique, roundly ovate, and a little inequivalve. The valves are very thin, somewhat differently coloured, and ornamented with different sculpture. The deeper valve (regarded as the right) is more brightly coloured, having the upper and central portion tinted bright orange, and the outer border very much paler and transparent. It is sculptured with numerous fine rounded liræ which radiate from the beak and extend almost to the circumference all round. In addition it is marked with