

Length 48 mm., height 52, diameter 8.

Habitat.—Station 33, off Bermudas, in 435 fathoms; coral mud.

This fine species is dedicated to Mr. W. H. Dall as a mark of high esteem on account of his many and valuable papers on malacology.

Amussium watsoni, n. sp. (Pl. XXII. figs. 8–8c).

Testa tenuissima, subdiaphana, albida, paulo inæquivalvis, subcircularis, sericatonitens, utrinque conspicue hians. Valvæ compressæ, diverse sculptæ. Valva dextra profundior, pallidissime fuscescens, liris confertis concentricis prope marginem angustissime lamellatis ornata, sinistra similiter lirata, sed etiam liris gracilibus radiantibus umbones versus præcipue cancellata. Auriculæ parvæ, incrementi lineis aliisque radiantibus instructæ. Pagina interna nitida, marginem versus leviter iridescens, liris albis radiantibus 10–12 haud ad marginem extensis munita.

This charming species is almost circular, very thin and fragile, considerably gaping on both sides above the middle, a little inequivalve, the one valve which I regard as the right being a trifle more swollen than the other. It is also a trifle thinner and of a very light brownish tint. The left valve is of a milky white colour, and consequently rather less transparent. The exterior of the valves is beautifully glossy and has a silky appearance. Both are very finely, concentrically lirated, the liræ towards the outer margin in the right valve being very narrowly lamellated. In addition to this ornamentation the left valve exhibits numerous fine radiating liræ, which are decidedly elevated for a short distance around the umbones, and then gradually, further out, take the form of faint substriations. The ears are of moderate size, about equal on each side, and sculptured with elevated lines of growth and others diverging from the beaks, the former sometimes forming a sort of serrate dorsal edge. The umbones are moderately acute, with an angle of divergence of about 125 degrees. The interior is glossy, somewhat iridescent around the margin, and strengthened with from five to six pairs of white riblets of different lengths, the longest becoming obsolete at some distance from the circumference.

Length 50 mm., height 52, diameter $9\frac{1}{2}$.

Habitat.—Station 218, north-east of New Guinea, at a depth of 1070 fathoms.

This lovely species, one of the prizes of the Expedition, I feel much pleasure in naming after my friend the Rev. R. Boog Watson.

Amussium caducum, n. sp. (Pl. XXIII. figs. 1–1c).

Testa tenuissima, pellucida, rotundata, compressa, superne angustata, producta, paulo inæquivalvis (valva dextra sinistra leviter convexiore) utrinque conspicue hians. Valva