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OF THE
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around the umbilicus; aperture oblique, subquadrate; outer lip simple; columella arcuate, slightly thickened and partly expanded over the umbilicus.

Diam. maj. 1 inch, min. 10 lin., alt. 6 lin.

Hab. Found 30 miles in a N.E. direction from the Burra Mines, South Australia (*F. G. Waterhouse*).



This remarkable species is very similar in the character of its sculpture to *H. silveri*, Ang.; but the corrugations are less regular, the umbilicus is larger, the shell is flattened, and the last whorl very prominently keeled.

5. Descriptions of two Genera and twenty Species of Marine Shells from New South Wales. By GEORGE FRENCH ANGAS, C.M.Z.S., F.L.S., F.R.G.S., &c.

[Received January 11, 1877.]

(Plate V.)

PURPURA (CRONIA) ANOMALA, n. sp. (Plate V. fig. 1.)

Shell ovately fusiform, rather solid, ornamented with a brownish-orange band spotted with black encircling the last whorl, and appearing again just above the sutures of the upper whorls, and with irregular undulating longitudinal chestnut lines, strongest near the base of the last whorl; whorls 5, angulated at the upper part, distantly longitudinally ribbed, the ribs stout and rounded and becoming swollen and nodulous above, transversely finely ridged throughout; spire elevated, apex sharp; aperture elongately ovate; outer lip arcuate; columella nearly straight, with a moderate callus overlapping the pillar.

Length $4\frac{1}{2}$, breadth 2 lines.

Hab. Dredged outside Port-Jackson Heads, in 25 fathoms (*Brazier*).

A curious little shell, from deep water, which I have placed provisionally in Messrs. H. and A. Adams's subgenus *Cronia*, represented by the *Purpura amygdala*, Kien.

Genus MICROVOLUTA, Angas.

Shell small, ovately fusiform, solid, smooth, shining; spire as long as the aperture, apex papillary; whorls simple; aperture narrowly ovate; columella with 4 strong transverse plaits, the anterior

one the smallest; outer lip thin, simple, slightly contracted at the base; base rounded, spout-shaped, with a flexuous bend upwards towards the columella, which is a little thickened and reflected below the plaits.

MICROVOLUTA AUSTRALIS, n. sp. (Plate V. fig. 2.)

Shell ovately fusiform, solid, smooth, shining, with very fine longitudinal lines of growth, white, or ornamented with two rows of distant irregular chestnut blotches and zigzag lines; spire elevated, apex obtuse, papillary; whorls $5\frac{1}{2}$, slightly convex; aperture narrowly ovate; outer lip simple, a little contracted below; base rounded; columella furnished with four prominent transverse plaits.

Length 5 lines, diam. $1\frac{3}{4}$ line.

Hab. Dredged in 25 fathoms water, outside Port-Jackson Heads (*Brazier*).

The deep siphonal notch, and the toothed projection of the base of the pillar, so characteristic of the volutes, are absent in this curious little genus.

COLUMBELLA (ANACHIS) SPECIOSA, n. sp. (Plate V. fig. 3.)

Shell minute, fusiform, thin, subtransparent, green, ornamented with very fine undulating chestnut lines, and encircled by two bands of irregular square or crescent-shaped opaque white spots; whorls 5, the last longitudinally plicate above, smooth below.

Long. $1\frac{1}{2}$, lat. $\frac{1}{2}$ line.

Hab. Port Jackson (*Brazier*).

A very elegantly painted, minute shell, of great beauty.

TURBONILLA FESTIVA, n. sp. (Plate V. fig. 4.)

Shell acuminate turreted, semipellucid, white, ornamented with a narrow pale brown band at the centre of the whorls, two on the last whorl; whorls 8, rather convex, finely longitudinally plicate, the interstices, under the lens, crossed with extremely minute transverse punctured lines; sutures strongly impressed; the last whorl smooth at the base; aperture oblong-ovate; outer lip simple, arcuate.

Length 2 lines, breadth $\frac{3}{4}$ line.

Hab. Port Jackson; deep water (*Brazier*).

CINGULINA BRAZIERI, n. sp. (Plate V. fig. 5.)

Shell subulately turreted, moderately thin, whitish, shining; whorls 11, very slightly convex, with three flattened spiral ribs separated by a deep, narrow groove, the lowest rib the broadest; sutures impressed; base smooth, convex; aperture subquadrate; outer lip thin, arcuate; columella straight and slightly thickened.

Length 4 lines, breadth 1 line.

Hab. Port Jackson.

APICALIA GUENTHERI, n. sp. (Plate V. fig. 6.)

Shell globosely subulate, thin, subpellucid, shining, horn-coloured,

very finely longitudinally striated, and showing, beneath the lens, minute transverse striæ on the upper whorls; whorls 7, very slightly convex, flattened immediately below the sutures, the last large, inflated, and hardly subangulate at the periphery; apical whorls of spire wanting; sutures impressed; aperture semilunar, pointed behind and rounded in front; columellar margin arcuate, thickened towards the base; outer lip thin, simple, rounded, a little flattened above.

Long. 7, diam. $4\frac{1}{2}$ lines.

Hab. New South Wales (coll. Brit. Mus.).

This curious species I have provisionally placed in Mr. Arthur Adams's genus *Apicalia* rather than among the true Stylifers. The family Styliferidæ requires revision.

CERITHIOPSIS PURPUREA, n. sp. (Plate V. fig. 7.)

Shell elongately acuminate, moderately solid, purplish brown, with the last rib on each whorl grey; whorls 11 or 12, encircled with rounded equidistant ribs, 4 to a whorl, the last smaller, an extra rib on the base of the last whorl, which is flattened and very minutely striated, the interstices finely longitudinally striated; nucleolar whorl sinistral; aperture quadrately ovate; outer lip thin; columella arcuate and produced in front.

Length $3\frac{1}{2}$ lines, breadth 1 line.

Hab. Dredged off Shark Island, Port Jackson.

This species differs from *C. crocea*, Ang., in being smaller and more cylindrical, with a narrower base, in its style of colouring, and in having the lateral outline less rectilinear. A variety occurs of a pale livid brown colour.

CONUS (STEPHANOCONUS) SMITHI, n. sp. (Plate V. fig. 8.)

Shell small, stoutly conoidal, irregularly, faintly, longitudinally striated by the lines of growth, finely transversely grooved towards the base, straw-colour clouded with pale chestnut; the upper whorls ornamented with distant dark chestnut flames, a few scattered spots of the same colour, indicating two bands, occurring on the body-whorl, which is encircled throughout with equidistant narrow fillets of a pale hue closely reticulated with chestnut spots; spire elevated; whorls turreted, concave, radiately lirate; apex papillose; aperture rather wide, the outer lip angled above at its junction with the whorl, nearly straight, and parallel to the columella.

Length 5, breadth 3 lines.

Hab. Cape Solander, Botany Bay (*Brazier*).

A very prettily painted little species, belonging to the same section as *C. rutilus*, Menke.

DRILLIA ÆMULA, n. sp. (Plate V. fig. 9.)

Shell elongately ovately fusiform, purplish brown; whorls 10, strongly carinated a little below the sutures and sharply angulated in the middle, below which descend irregular longitudinal ribs nodulous at the angle, strongly transversely ridged below the angle, and more finely above, the upper space between the angle and the