

THE
JOURNAL
OF THE
MICROSCOPICAL SOCIETY
OF
VICTORIA.

VOL. I-II.

51879

Melbourne.

PUBLISHED FOR THE SOCIETY BY STILLWELL AND CO.,
87 COLLINS STREET EAST.

C. species xi.—Cell oblong, elliptical. Aperture rather small and round. Vittæ very broad, extending to near aperture. Avicularia small, in a shallow excavation below the superior process. Upper process conical, thick, extending slightly outwards. Back rounded, smooth.

GROUP 3. SIMPLICES.

C. species xii.—Cell sub-globular. No appearance of fenestræ or vittæ. Avicularia obscure. Upper and lower processes immensely large in proportion to the cell. Back acutely carinate. This strongly resembles *C. carinata* in structure, though very unlike in shape.

A New Species of Polyzoa. By J. R. Y. GOLDSTEIN.

[With Plate.]

[Read 27th November, 1879.]

CATENICELLA PONDEROSA. *n. s.* Plate V. figs. 1, 2, 3.

Cells ovoid, massive, irregular in outline; front and back strengthened by clasping bands of considerable thickness; mouth arched above, sub-triangular below, with a strong denticle on each side, to which is hinged the operculum; the mouth surrounded by a portion of a band in the form of a stout collar, widened superiorly; avicularia minute; fenestræ five, large and irregular in shape; ovicell large, hooded, surmounted by, apparently, an abortive connecting tube; top of ovicell, under the hood, sparsely studded by strong papillæ, with, on each side superiorly, a dense band of short papillæ; mouth gaping, the fenestræ being lengthened so as to appear like a grating.

This species is peculiar in the thick, heavy cells. It forms dense tufts, about four inches high, and the branches are frequently altogether composed of acutely triangular, geminate cells. It has affinities with *C. plagiostoma*, and, like it, when fresh, presents a remarkable contrast of colours, the cell walls proper being of a bright orange red, while the bands are ivory white, but these colours soon disappear, and the dry specimens present the common horny appearance of other catenicellæ. It is not uncommon; I have found it pretty generally along the coast from Portland to Queenscliff, and have dredged it alive in six fathoms.

Plate V.



Fig. 2

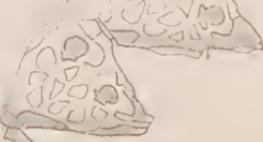


Fig. 3

Fig. 1 & 2.

Catenicella ponderosa



Fig. 4 & 5

Catenicella pulchella

