

ART. XII.—*On Some New Species of Victorian Marine Mollusca.*

BY J. H. GATLIFF AND C. J. GABRIEL.

(With Plate XXI.).

[Read 9th July, 1908].

The present paper describes four new species, figures of which are also given.

Marginella victoriae, sp. nov.

(Pl. XXI., Fig. 5)

Shell rather small, white, semi-translucent, solid, shining. Ovately biconical. Whorls about four, suture barely discernible. Outer lip much thickened, sinuated at its junction with the body-whorl, finely denticulated on its inner edge. Columella quadriplicate. Aperture long, rather narrow, widening towards the base. Dorsum, faintly plicately noded at the shoulder of the body-whorl.

Dimensions of Type.—Length, 3.6 ; breadth, 2.mm.

Locality.—Dredged Western Port. In shell sand Portsea, Port Phillip.

Obs.—In Tasmania this shell has been wrongly identified as *M. rufula*, Gask., a banded species found at the Cape of Good Hope.

Type in Mr. Gatliff's collection.

Daphnella bastowi, sp. nov.

(Pl. XXI., Figs. 1-4).

Shell small, greyish white, whorls five and a-half, convex, somewhat angled below the suture, which is impressed. The apex is dome-shaped, consisting of two whorls, the first being very small ; they have numerous spiral striae, crossed at right

angles by others of about double strength, but the spirals are more numerous, the other whorls are ribbed longitudinally, the ribs having a slight spiral trend; these ribs terminate a little below the suture, the intervening space carrying rather closely set angularly bent threads. Under the microscope these are thickened at the base and sharp at the edge, resembling a propeller-blade, their contour following the outline of the sinus. Between the ribs the area is concave and cancellated, the spirals are somewhat stronger and appear on the ribs. Outer lip thin, crenate, sinus rather deep, not broad. Inner lip somewhat concave; channel short, slightly everted.

Dimensions of Type.—Length, 4.; breadth 1.75 mm.

Locality.—Dredged between Phillip and French Islands, and off Stony Point, Western Port.

Obs.—Named after Mr. R. A. Bastow, to whom we are indebted for the skilled drawings of this and the other species figured in this paper.

Type in Mr. Gatliff's collection.

Phasianella nepeanensis, sp. nov.

(Pl. XXI., Figs. 9, 10).

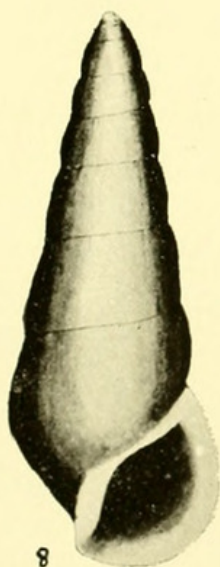
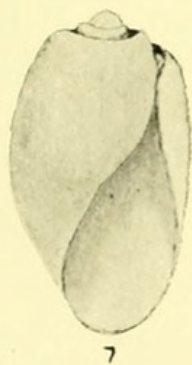
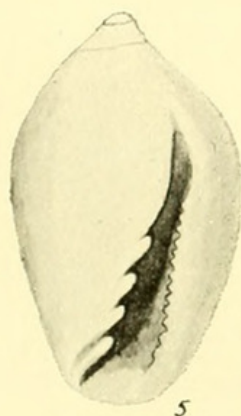
Shell small, smooth, globose, fragile; spire scarcely exsert. Whorls, five, rapidly increasing, aperture semi-circular, outer lip sharp, inner lip curved, rimate. Colour, pink with white markings, which vary a good deal, but usually include a band of rounded white spots on the shoulder of the body-whorl, and another similar one just below the periphery.

Size of Type.—Height, 1.7; width, 1.8mm.

Locality.—Flinders, Western Port; Ocean Beach, near Point Nepean.

Obs.—The shape of this shell is so different to our other species of the genus that it was with some hesitation we placed it here; but a comparison with a similar South African form, *P. neritina*, Dunker, decided us to do so. Colour is not of much use in determining species in this genus, as the markings vary so greatly in the same species, but in the present instance they appear to be fairly constant.

Type in Mr. Gatliff's collection.





Gatliff, J H and Gabriel, Charles John. 1908. "On some new species of Victorian marine mollusca." *Proceedings of the Royal Society of Victoria* 21(1), 365–367.

View This Item Online: <https://www.biodiversitylibrary.org/item/34797>

Permalink: <https://www.biodiversitylibrary.org/partpdf/301821>

Holding Institution

MBLWHOI Library

Sponsored by

MBLWHOI Library

Copyright & Reuse

Copyright Status: NOT_IN_COPYRIGHT

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.