

THE NEW SOUTH WALES CANCELLARIIDAE*

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(Figures 1-13.)

INTRODUCTION.

Hedley in his Check List in 1918 recorded six species of this family as occurring in New South Wales. Since that time considerable revision in nomenclature has taken place, and some further material has come to hand. As descriptions and references to the family are very scattered in literature, the opportunity is now taken to bring them together, and to illustrate not only species new to science, but also all those which have already been described. It is felt that such papers are of great convenience to conchologists and form a base on which future work can be undertaken. The complete check list of species from the Peronian zoogeographical province will now read as follows:

Sydaphera renovata Iredale
 „ *obnixa* Iredale
 „ *anxifer* Iredale
 „ *delicosa* Laseron
 „ *scobina* Hedley
Trigonaphera vinnula Iredale
 „ *interlaevis* Laseron.
Arizelostoma laseroni Iredale
Pepta stricta Iredale
Microsveltia recessa Iredale
Pallidonia simplex Laseron.

All types, as well as specimens illustrated, are being presented to the Australian Museum, Sydney.

DESCRIPTION OF SPECIES.

Genus **Sydaphera** Iredale, 1929.

Genotype, *Sydaphera renovata* Iredale.

Beyond designating the genotype Iredale gives no generic description. The separation of this group from the European *Cancellaria* is justified, however, inasmuch as *Cancellaria* proper has a narrow umbilicus while *Sydaphera* is imperforate, and in *Cancellaria* the spiral sculpture is much stronger, producing a cancellate surface. The general form of the shell is similar.

Sydaphera renovata Iredale.

(Figs. 1, 1a, 2.)

Australian Zoologist, v, 1929, p. 341.

This is the common Sydney Harbour shell listed as *Cancellaria australis* Sowerby, No. 802 in Hedley's Check List. In the synonymy of this species, May in 1923 considered that *C. undulata* Sowerby should replace *australis*, and other conchologists have since concurred in this nomenclature. Iredale, when proposing his genus *Sydaphera*, also separated the New South Wales species from *undulata*, the type of which came from Tasmania, remarking that the Sydney shell was larger, narrower, and with fewer and broader transverse ribs. More important differences than this, however, lie in the protoconch and sculpture. The protoconch of *undulata*

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