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With 10 Plates and 15 Text-Figures.

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NOTES ON THE GENUS PELECORHYNCHUS.

By G. H. HARDY.

(Received 14th September. Read 11th October Issued separately 16th November, 1915.)

During December, 1914, and January, 1915, I procured three species of this interesting and rare genus *Pelecorhynchus*. Two of them are already recorded from Tasmania; the third is new to Tasmania.

P. ERISTALOIDES Walk.

1 male specimen from Geeveston, 24 Dec., '14.

I took this specimen, evidently newly emerged, crawling lazily on rocky ground.

P. NIGRIPENNIS Ricardo.

1 male specimen from Ranelagh, 24 Jan., '15.

Sent to me by Mrs. Lucas, of Ranelagh, and captured in the same manner as *eristaloides*.*P. FUSCONIGER* Walk.

1 female, and 2 male specimens, from Wynyard, 21 Jan., '15.

Moderately plentiful in this locality, but hard to catch; visits flowers. I did not see it elsewhere on the North-West Coast.

The specimens seem to agree in every respect with Miss Ricardo's description of the species, with the exception of a few minor details, upon the strength of which it would be unsafe to establish a new species. Possibly a comparison with specimens from the mainland would show this to be distinct.

LIST OF THE TENISON WOODS TYPES OF RECENT MOLLUSCA IN THE TASMANIAN MUSEUM.

By G. H. HARDY.

(Received 28th August. Read 13th September. Issued separately, 25th November, 1915.)

Until recently all types of the Tenison Woods Marine Mollusca were included in the general collections of Tasmanian shells in the Museum, and in consequence some were lost and others broken.

The fresh-water shells were in a drawer in the Curator's office, mixed with much miscellaneous material, and in a very dilapidated condition.

Very few specimens were marked type in Tenison Woods' handwriting (specimens so marked are recorded as such), the majority being marked by a committee of Conchologists formed for the purpose, particulars of which are given in the paper by Mr. W. L. May, Proc. Roy. Soc. Tasm. 1902. Unless otherwise stated, specimens in this list are marked "type."

Since the revision of the types in 1902, some of the specimens have been either lost or broken. Lost specimens are not included in the list. Broken specimens are recorded as such.

The Tenison Woods' fresh-water shells have mostly, if not all, sunk into synonymy, and there is room for considerable investigation on the Tasmanian fresh-water shells, as nothing apparently has been done since Tenison Woods' time.

One fact brought to light may be worth recording: *Turritella atkinsoni*, Tate and May, is taken from a manuscript specimen of Tenison Woods. When describing this the authors did not have Tenison Woods' specimen to consult, so they described it from another specimen, intending the Tenison Woods specimen in the Museum collection to be the type. Apparently no special care was taken of the specimen actually described.

The type of *Natica polita* is amongst the fossil shells, and apparently no recent shell was included in the Tenison Woods collection.

Cerithiopsis albosutura is represented by two specimens in the general collection, neither of which conforms in size to the Tenison Woods description, but they may have belonged to the original Tenison Woods collection.

Siphonaria denticulata var tasmanica was changed later to *S. zonata*.

Three shells in the general collection are named *Natica (Mamilla) globosa*, T.-W.; these may have belonged to the Tenison Woods collection, but they do not conform to the size given for *Ruma globosa* in the description.

Clathurella sculpturior; a reference is given under the name *Mangelia delicatura*.

Thirty-six other species and five varieties are still missing.

Species that bear manuscript names that were not used for description are also included in the list.

I am greatly indebted to Mr. W. L. May for help in settling many difficulties that I met with while gathering together the Tenison Woods type shells, and also in revising this list.

acuta	Turritella (T.M. 5421) 3 specimens slightly broken.
××× acuticostata	<u>Terebra</u> (T.M. 5356) 2 specimens, M.S. name.
agnewi	Drillia (T.M. 5361) label marked type by Tenison Woods, with the generic name <i>Pleurotoma</i> . 1 specimen.
"	Rissoa (T.M. 5486c) 1 specimen.
alba	Acmaea (T.M. 5594) 2 specimens type?
albolirata	Cominella (T.M. 5254) 1 specimen marked type by Ten.-Woods.
allporti	Marginella (T.M. 5328) 3 specimens.
"	Zizyphinus (T.M. 5535) 1 specimen.
aloysii	Clanculus (T.M. 5560) 2 specimens.
alternata	Mangelia (C. 347) 2 specimens, probably type but not so marked.
angasi	Turbonilla (T.M. 5434) 2 specimens.
angeli	Clanculus (T.M. 5564) 1 specimen.
"	Rissoa (T.M. 5478) 4 specimens on card, of inferior condition.
annulata	Liotia (T.M. 5506) specimen lost, card marked type by Ten.-Woods.
apheles	Eulima (C. 348) 1 specimen marked type by Ten.-Woods.

assisi	Trophon (T.M. 5244) 1 specimen remounted.
atkinsoni	Cardita (T.M. 5712) 3 specimens. No Ten.-Woods mount or label with this.
"	Cylichna (T.M. 5615) 2 specimens.
"	Drillia (T.M. 5367) 1 specimen. Generic name <i>Pleurotoma</i> in Census.
"	Kellia (T.M. 5717) 3 specimens.
"	Mangelia (T.M. 5350) 5 specimens.
"	Rissoa (<i>Cingula</i>) (T.M. 5483) 6 specimens.
"	Scissurella (T.M. 5571) 3 specimens, one of which is crushed. Generic name <i>Schismope</i> in Census.
"	Turritella (T.M. 5420) M.S. name, subsequently used by Tate and May (T.R. S.S. Austr. 1900, pg. 95), for this species, but described from another specimen. 2 specimens. This species is further labelled, not by Ten.-Woods, as <i>T. tasmaniensis</i> .
aurea	Gibbula (T.M. 5531) 5 specimens remounted. No Ten.-Woods label or mount with it, and not marked type.
australis	Cingulina (T.M. 5447) 2 specimens, one slightly broken.
"	Diloma (T.M. 5547) missing from box. Generic name <i>Trochus</i> in Census. Ten.-Woods label but no mount. Not marked type.
"	Trophon (T.M. 5245) 1 specimen.
"	Tugalia. This species is missing, and Mr. May sent me the following note:—"See Census, pg. 44, there is some curious muddle about this, Ten.-Woods gives it first as of Sow. and then proceeds to say he proposes the same name." (I think this is intended to convey the meaning that he proposes to change the name of the wrongly identified <i>T. ossea</i> Gould to <i>T. australis</i> Sow. In this way sense can be made of the whole passage and also no Ten.-Woods type would be expected in his collection.)