

**On South African Marine Mollusca, with
Descriptions of New Species.**

By

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Plates VII, VIII.

IN the 'Proc. Malac. Soc.,' 1903, vol. v, pp. 354-402, I gave a list of species from South Africa not recorded in Mr. Sowerby's work entitled 'Marine Shells of South Africa.' In the present paper I propose to bring the catalogue of known species up to date, and also to make corrections of a few errors which, unfortunately, occur in the list referred to, and to supply some omissions. These errors and omissions have mostly been very kindly pointed out to me by my friend Mr. H. C. Burnup.

I now also quote in full, giving references, the species mentioned and described by Mr. Sowerby in the 'Marine Investigation in South Africa,' vol. ii, pp. 213-232, which were merely listed in the above-mentioned paper.

By consulting, therefore, the present paper, that in the 'Proc. Malac. Soc.,' and Mr. Sowerby's work, a complete list of the known South African species can be extracted.

Those not in Mr. Sowerby's book or my former paper are marked with an asterisk in the following pages.

The principal papers dealing with the South African fauna published since 1903 are the following:

- (1) "Mollusca of South Africa. Pelecypoda." In 'Marine

Investigations in South Africa,' vol. iv, pp. 1-19, Pls. VI, VII. By G. B. Sowerby.

(2) "On a Collection of Marine Shells from Port Alfred, Cape Colony." In the 'Journal of Malacology,' vol. xi, pp. 21-44, Pls. II, III. By Edgar A. Smith.

(3) "Die beschaltten Gastropoden der deutschen Tiefsee-Expedition, 1898-1899," in Chun's 'Wissenschaftliche Ergebnisse der deutschen Tiefsee-Expedition auf dem Dampfer,' "Valdivia," 1898-1899, vol. vii, pp. 26-60, Pls. II-V. By E. von Martens.

Cephalopoda.

* *Sepia burnupi* Hoyle.

Sepia burnupi Hoyle, 'J. of Conch.,' vol. xi, p. 27, Pl. I.
Hab.—Umkomaas, Natal, and Port Elizabeth, Cape Colony.

Gastropoda.

* *Oncidium peronii* Cuvier.

Oncidium peronii Cuvier: Krauss, 'Südafrik. Moll.,' p. 72.

Hab.—Natal coast (Krauss).

* *Oncidium burnupi* Collinge.

Oncidium burnupi Collinge, 'J. of Malac.,' vol. ix, p. 17, figs. 1, 2.

Hab.—Umlaas Lagoon, Natal.

* *Ampullarina africana* Smith.

Ampullarina africana Smith, 'J. of Malac.,' vol. xi, p. 38, Pl. III, fig. 14.

Hab.—Port Alfred, Cape Colony.

Retusa truncatula (*Bruguière*).

Retusa truncatula (*Bruguière*): Smith, 'J. of Malac.,' vol. xi, p. 38.

Hab.—Port Alfred, Cape Colony.

Scaphander punctostriatus *Mighels*.

Scaphander punctostriatus *Mighels*: Pilsbry, 'Man. Conch.,' vol. xv, p. 246, Pl. XXXI, fig. 16; Sowerby, 'Marine Invest.,' vol. ii, p. 233.

Hab.—Off Cape Colony, 154 and 166 fathoms.

* *Dolabella scapula* (*Martyn*).

Dolabella scapula *Martyn*: Pilsbry, 'Man. Conch.,' vol. xvi, p. 152, Pl. XXVI, figs. 26–28, Pl. XXVII, figs. 29, 30.

Hab.—Natal.

Martyn's *scapula* has priority over *D. rumphii*, under which name this species has been quoted by Krauss and Sowerby.

* *Terebra suspensa* *Smith*.

Terebra suspensa *Smith*, 'J. of Malac.,' vol. xi, p. 30, Pl. II, fig. 12.

Hab.—Port Alfred, Cape Colony.

* *Conus geographus* *Linn.*

Conus geographus *Linn.*: Reeve, 'Conch. Icon.,' vol. i, fig. 130.

Hab.—Bluff, Durban (G. W. Westcott).

* *Conus punctatus* *Gmelin*.

Conus punctatus *Gmelin*, 'Syst. Nat.,' p. 3389.

Conus augur, *Hwass*: Reeve, 'Conch. Icon.,' vol. i, fig. 7; Kiener, 'Coq. viv.,' Pl. XVIII, fig. 3.

Hab.—Durban (Burnup), Ceylon, etc.

Conus punctatus of *Hwass*, also occurring in Natal, is

a different species, and now bears the name of *C. piperatus*, Dillwyn.

* *Conus bandanus* *Hwass.*

Conus bandanus *Hwass*: Reeve, 'Conch. Icon.,' vol. i, fig. 43.

Hab.—Bluff, Durban (G. W. Westcott).

Conus eucoronatus *Sowerby.*

Conus eucoronatus *Sowerby*, 'Marine Invest.,' vol. ii, p. 217, Pl. III, fig. 9.

Hab.—Off Cape St. Blaize, Cape Colony, 27 fathoms.

Conus gilchristi *Sowerby.*

Conus gilchristi *Sowerby*, 'Marine Invest.,' vol. ii, p. 217, Pl. III, fig. 8.

Hab.—Off Natal, 50 fathoms.

Conus patens *Sowerby.*

Conus patens *Sowerby*, 'Marine Invest.,' vol. ii, p. 218, Pl. III, fig. 7.

Hab.—Off S. Africa, 85 fathoms.

* *Conus queketti* n. sp. Pl. VII, fig. 1.

Testa parva, elongato-turbinata, supra depressa, coronata, sordide flavescens lineis albis transversis inæqualibus numerosis fusco punctatis ornata, transversim tenuiter sulcata, sulcis confertim et minute punctatis, subæquidistantibus, lineisque incrementi tenuibus striata; spira perpaulum elata, ad apicem mucronata; anfractus 8-9, lente accrescentes, supremi duo (protoconcha) convexi, cæteri angusti, fere plani vel leviter concavi, coronati, striis spiralibus paucis et lineis incrementi curvatis sculpti, ultimus antice oblique sulcatus et fusco tinctus; apertura angusta, alba. Longit. 26 mm., diam. 12.5.

Hab.—Isezela, Natal.

This is a very distinct species and not comparable with any of the known forms. Of the transverse white lines dotted with brown about a dozen are conspicuous to the naked eye, but the narrower intervening ones are hardly visible except with the aid of a lens. The spire, which is very little raised, is whitish, streaked and spotted irregularly with brown. The apex is peculiar, consisting of two convex convoluted whorls which rise as a sort of mamilla above the rest.

* *Clionella confusa* n. sp. Pl. VII, fig. 2.

Testa *C. rosariæ* similis, sed major, anfractibus plerumque minus convexis, striis spiralibus vix conspicuis, cingulo infra suturam majori, colore diversa. Longit. 45 mm., diam. 14. Aperture 12 longa, 6 lata.

Hab.—Port Elizabeth, Algoa Bay.

Shell elongate, of an uniform bright red or yellowish colour; whorls 10? (apex broken away), rather flat, constricted at the upper part, leaving a rounded girdle beneath the suture, with about 14 slightly oblique costæ below the constriction, by which they are interrupted, so that they are only faintly indicated upon the cingulum above; ribs upon the body-whorl attenuated anteriorly, but disappearing upon the snout; suture a little oblique and wavy; aperture more or less rosaceous within; columella curved, covered with a thin whitish callus; outer lip distinctly but not deeply notched at the constriction.

This species has been confounded with *C. rosaria*, Reeve, because of its bright red colour. Reeve's species, however, appears invariably to have the cingulum at the upper part of the whorls whitish, and more or less spotted with brown. The whorls of that species are more convex, and are distinctly transversely striated. It appears to be smaller also, the largest specimen examined being only 25 mm. in length. It is more variable in colour, sometimes bright red with a white girdle, sometimes brown, mottled with white, or yellowish, flecked with white dots.

* *Poromya striata* Sowerby.

Poromya striata Sowerby, 'Marine Invest.,' vol. iv, p. 16,
Pl. VII, fig. 11.

Hab.—Off False Bay, 166 fathoms.

EXPLANATIONS OF PLATES VII AND VIII,

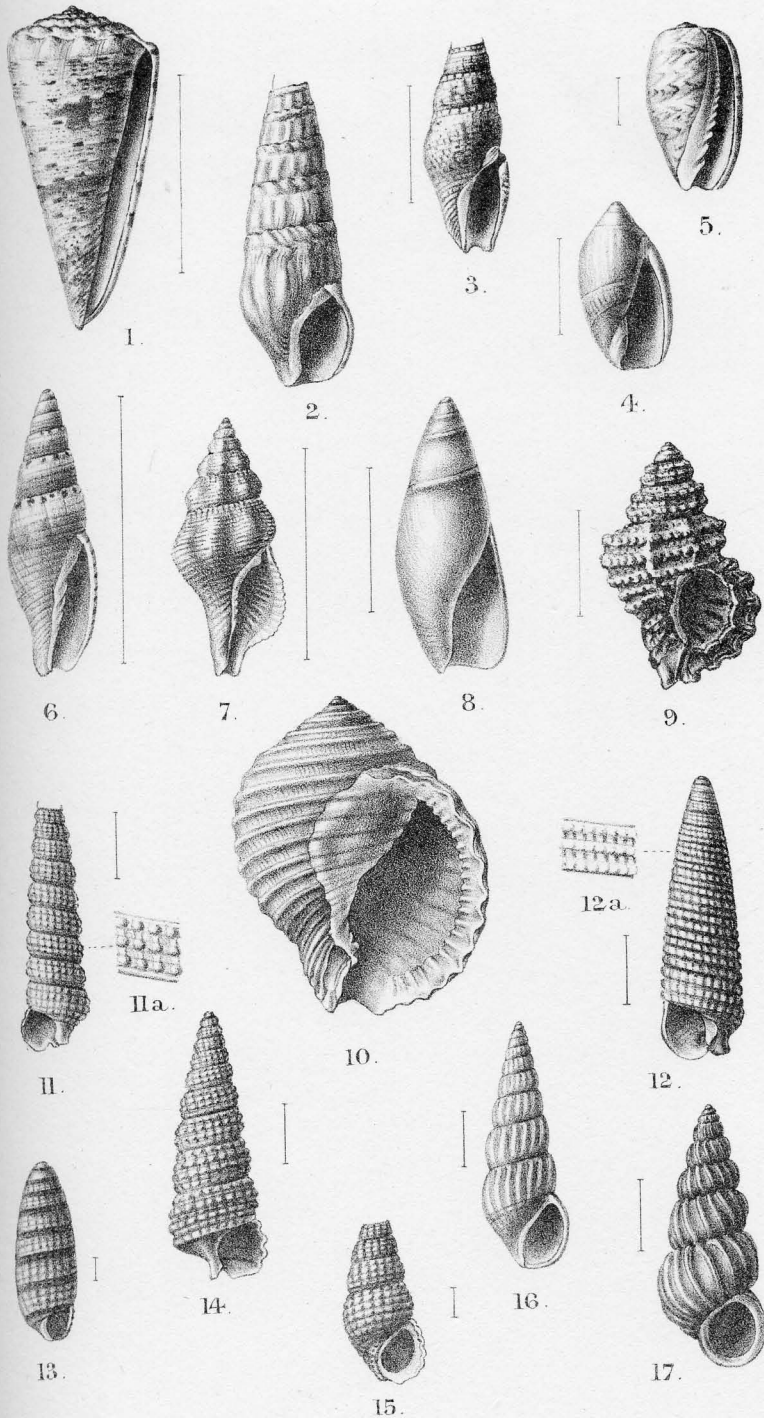
Illustrating Mr. Edgar A. Smith's paper "On South African
Marine Mollusca, with Descriptions of New Species."

PLATE VII.

- FIG. 1.—*Conus queketti* n. sp.
 FIG. 2.—*Clionella confusa* n. sp.
 FIG. 3.—*Drillia albotessellata* n. sp.
 FIG. 4.—*Ancilla ordinaria* n. sp.
 FIG. 5.—*Marginella shepstonensis* n. sp.
 FIG. 6.—*Mitra punctostriata* A. Ad.
 FIG. 7.—*Latirus burnupi* n. sp.
 FIG. 8.—*Bullia ancillæformis* n. sp.
 FIG. 9.—*Ocenebra natalensis* n. sp.
 FIG. 10.—*Dolium fimbriatum*, var. *natalensis* n. var.
 FIG. 11.—*Trifora cerea* n. sp.
 FIG. 11A.—*Trifora cerea*, sculpture magnified.
 FIG. 12.—*Trifora shepstonensis* n. sp.
 FIG. 12A.—*Trifora shepstonensis*, sculpture magnified.
 FIG. 13.—*Cerithiopsis insignis* n. sp.
 FIG. 14.—*Cerithiopsis chapmaniana* n. sp.
 FIG. 15.—*Rissoina durbanensis* n. sp.
 FIG. 16.—*Rissoina shepstonensis* n. sp.
 FIG. 17.—*Scala durbanensis* n. sp.

PLATE VIII.

- FIG. 1.—*Scala eborea* n. sp.
 FIG. 2.—*Mormula rissoina* A. Ad.



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