

Colonial Museum and Geological Survey Department.

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CATALOGUE

OF THE

MARINE MOLLUSCA

OF

NEW ZEALAND,

WITH DIAGNOSES OF THE SPECIES.

BY

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1873.

95. *C. trailli*, *sp. nov.* Shell small, thin, oval; spire short, whorls angled; the entire shell very finely cancellated; columella with three oblique folds; outer lip slightly crenate. White. Length, 25; breadth, 17; angle of spire, 70°.

Stewart's Island.

FAMILY—TRICHOTROPIDÆ.

Shell spiral, more or less turbinated; columella smooth.

TRICHOTROPIS.

Shell turbinated, thin, whorls keeled; mouth large, columella obliquely truncated.

Northern seas.

96. *T. inornata*, *sp. nov.* Small, cancellated, spire produced, without fringes; a short anterior canal. Pale brown, or white. Length, 43; breadth, 25; angle of spire, 40°.

Stewart's Island. Chatham Islands.

FAMILY—CERITHIIDÆ.

Shell spiral, elongate, many-whorled; aperture channelled in front, and with a less distinct posterior canal. Rostrum wrinkled; tentacula lateral; eyes on the outer side of the base; foot short, broad; operculum horny, spiral.

CERITHIUM.

Shell turreted; aperture oval, oblique; anterior canal short, truncate or recurved; operculum semicircular, pauci-spiral.

World-wide.

97. *C. bicarinata*, *Gray, Dieff. N.Z.*, ii., p. 241. Whorls rather convex, obsolete spirally striated, and transversely plicated; the body whorl with two spiral ridges on the anterior end, separated by a concave groove. Blackish purple, generally with a rough brown or reddish brown coating. Length, 112; breadth, 38; angle of spire, 23°.

Common.

98. *C. alternatum*, *sp. nov.* Whorls deeply spirally grooved, with a small ridge in the bottom of each groove, and transversely plicated; outer lip expanded. Yellowish brown; interior white, with spiral bands of purplish black. Length, 95; breadth, 38; angle of spire, 23°.

Tauranga.

99. *C. subcarina*, *Sowerby; C. Australis, Gray, Dieff. N.Z.*, ii., p. 241; *ucc. Quoy, Voy. Astrolabe*, v. 3, p. 55, f. 7. Whorls nearly flat, slightly transversely plicated; body whorl with two spiral grooves at the anterior end. Brownish black, often with a brown coating; interior dark purple, with one or two lighter bands. Length, 45; breadth, 17; angle of spire, 28°.

Common. Chatham Islands.

100. *C. kirki*, *sp. nov.* Whorls flatish, smooth, polished, transversely plicated; body whorl small; mouth oval, columella smooth, straight; canal short, slightly bent to the left. Greyish black, greyish, or yellowish white, spirally banded near the mouth with purplish brown. Length, 8; breadth, 22; angle of spire, 18°.

Auckland.

101. *C. cinctum*, *sp. nov.* Whorls flat, deeply spirally grooved; aperture rounded; canal very short. Brownish white. Length, 43; breadth, 1.

Stewart's Island, 14 to 30 fathoms.

102. *C. exilis*, *sp. nov.* Whorls flat, deeply spirally grooved, and transversely plicated; sulcus deep; aperture rounded; canal moderate. Light brown. Length 21; breadth, 07.

Stewart's Island, 30 fathoms.

103. *C. (Ino) minimus*, *sp. nov.* Whorls flat, sinistral, spirally grooved and transversely plicated; aperture rounded; anterior canal short, recurved, posterior canal very short, open. Pale brown. Length, 25; breadth, 7.

Stewart's Island, 30 fathoms. Bay of Islands.

FAMILY—LITTORINIDÆ.

Shell spiral, turbinated or depressed, never pearly; aperture rounded; peristome entire; operculum horny, pauci-spiral; tentacula far apart on the side of the head.

LITTORINA.

Shell thick, pointed, few-whorled, aperture rounded, outer lip acute; columella rather flattened; imperforate.

World-wide.

104. *L. cincta*, *Quoy, l.c.*, ii., p. 481. Ovato-conical, spire acute; body whorl spirally striated; aperture oval; columella flattened. Bluish black, with fine spiral bluish white lines; generally covered with a brown epidermis; interior deep violet; columella dark chestnut brown. Length, 85; breadth, 5; angle of spire, 46°.

105. *L. diemenensis*, *Quoy, l.c.*, ii., p. 479. Ovato-conical, spire acute, body whorl lightly spirally striated, sub-carinated in large specimens; columella flattened. Bluish white, with a broad spiral band of blackish blue on the body whorl; interior violet with a white band round the mouth. Length, 45; breadth, 26; angle of spire, 43°.

Abundant on rocks near high watermark. Chatham Islands. Australia. Tasmania.

* 106. *L. vilis*, *Menke*. Shell pyramidally conical, sharp, imperforated, transversely elevately striated; greenish grey; whorls flatly slanting round the upper part, encircled round the middle with two rows of white nodules; aperture purple brown.—(*Reeve*.)

* 107. *L. pyramidalis*, *Deshayes, l.c.*, ix., p. 210. Shell pyramidally ovate, imperforated, spire turreted; whorls concavely slanting