

6. A further List of Additional Species of Marine Mollusca to be included in the Fauna of Port Jackson and the adjacent Coasts of New South Wales. By GEORGE FRENCH ANGAS, F.L.S., F.R.G.S., C.M.Z.S., &c.

[Received February 19, 1877.]

In the year 1867 I published in these 'Proceedings' a list of the Marine Mollusks of Port Jackson and the coast of New South Wales, amounting in all to 408 species¹. In 1871 I gave an additional list, comprising 109 more species². I am now enabled, through the indefatigable researches of Mr. Brazier, and from other sources, to add a further list of 140 univalves, and 36 bivalves; thus bringing up the number of species of Marine Mollusca at present known to inhabit the coast of New South Wales to a grand total of 693.

Class CEPHALOPODA.

Fam. NAUTILIDÆ.

1. NAUTILUS POMPILIUS, Linn.
Cast ashore at Coff's Harbour, north of the Bellinger River.
2. NAUTILUS MACROMPHALUS, Sow.
Same locality as *N. pompilius*.

Class PTEROPODA.

Fam. CAVOLINIDÆ.

3. CAVOLINA GIBBOSA, Rang.
Found washed up on exposed beaches all along the coast.
4. CAVOLINA FLAVA, D'Orb.
Obtained in the dredge at night, in Port Jackson.
5. CAVOLINA QUADRIDENTATA, Lesueur.
On exposed beaches.
6. CAVOLINA LONGIROSTRIS, Lesueur.
Obtained in the dredge with *C. flava*, in Port Jackson.
7. CAVOLINA LIMBATA, D'Orb.
On exposed beaches.
8. CAVOLINA INFLEXA, Lesueur.
On exposed beaches.
9. DIACRIA MUCRONATA, Quoy & Gaim.
Port Stephens.
10. STYLIOLA SUBULATA, Quoy & Gaim.
On exposed beaches.

¹ See P. Z. S. 1867, pp. 185, 908, 912.

² See P. Z. S. 1871, p. 87.

Fam. TRIPTERIDÆ.

11. TRIPTERA COLUMNELLA, Rang.
On exposed beaches.

Class GASTEROPODA.

PROBOSCIDIFERA.

Fam. MURICIDÆ.

12. MUREX BRAZIERI, Angas, P. Z. S. 1877, p. 171, pl. xxvi. fig. 3.
A minute, imbricately sculptured species, having the two central transverse liræ double.
Dredged outside Port-Jackson Heads in 20 fathoms (*Brazier*).
13. MUREX (CHICOREUS) CERVICORNIS, Lam.; Reeve, Conch. Icon. *Murex*, pl. 16.
Brought up in the dredge, 25 miles off Montagu Island, coast of New South Wales, from a very great depth, in company with *Cypreovula umbilicata*, *Voluta papillosa*, and a large species of *Limopsis* ('Challenger' Expedition, *teste Brazier*).

Subfamily FUSINÆ.

14. FUSUS LATICOSTATUS, Desh.
Beaches near Redbank River, New South Wales (*Brazier*).
15. FUSUS NOVÆ-HOLLANDIÆ, Reeve.
Cape Solander, Botany Bay (*Brazier*).

Fam. FASCIOLARIIDÆ.

16. PERISTERIA BRAZIERI, Angas, P. Z. S. 1877, p. 171, pl. xxvi. fig. 4.
Redbank River, New South Wales (*Brazier*).
Although in this species the fold on the columella is wanting, its general characters partake more of those of *Peristernia* than of *Fusus*.

Fam. TRITONIIDÆ.

17. TRITONIUM (SIMPULUM) GEMMATUM, Reeve.
Cape Banks, Botany Bay (*Brazier*).
18. TRITONIUM (GUTTURNIUM) CAUDATUM, Gmel.
Triton canaliferus, Lam.; Reeve, Conch. Icon. pl. iii. fig. 8.
Port Stephens and near mouth of Macleay River.
19. TRITONIUM (EPIDROMUS) COXI, Brazier, P. Z. S. 1872, pl. iv. fig. 9.
Near Bellenger River (*Brazier*).
20. BURSA (LAMPAS) HIANIS, Schum.
Murex lampas, Linn.
Triton lampas, Reeve, Conch. Icon. pl. ix. f. 30.
Near mouth of Macleay River (*Brazier*).

Fam. STYLIFERIDÆ.

67. APICALIA GUENTHERI, Angas, P. Z. S. 1877, pl. v. fig. 6.
New South Wales (*Mus. Brit.*).

68. STYLIFER BRAZIERI, Angas, P. Z. S. 1877, p. 173, pl. xxvi.
fig. 12.

"Sow and Pigs," parasitic on a Starfish (*Brazier*).

This appears to be a true *Stylifer*: it has a more elongated spire than the typical species; and the sutures are finely callously margined.

Fam. CERITHIOPSIDÆ.

69. CERITHIOPSIS PURPUREA, Angas, P. Z. S. 1877, pl. v. fig. 7.
Dredged off Shark Island, Port Jackson (*Brazier*).

70. TRIFORIS MACULOSUS, A. Ad.
Port Jackson (*Brazier*).

Fam. ARCHITECTONICIDÆ.

71. ARCHITECTONICA PERSPECTIVA, Linn.
Near the mouth of the Macleay river (*Brazier*).

72. TORINIA INFUNDIBULIFORMIS, Chemn.

On the beach near Newcastle, New South Wales (*Brazier*).

This species differs from *T. straminea*, Lam., in the form and character of the umbilicus.

TOXIFERA.

Fam. CONIDÆ.

73. CONUS (CORONAXIS) MINIMUS, Linn.
Near Bellenger and Redbank rivers (*Brazier*).

74. CONUS METCALFI, Angas, P. Z. S. 1877, p. 174, pl. xxvi.
fig. 13.

"Sow and Pigs" bank, 4 fathoms (*Brazier*).

A very elegantly painted cone, of which one living specimen only has yet been obtained.

75. CONUS SMITHI, Angas, P. Z. S. 1877, p. 36, pl. v. fig. 8.
Cape Solander, Botany Bay.

Fam. TURRIDÆ.

76. DRILLIA ÆMULA, Angas, P. Z. S. 1877, p. 36, pl. v. fig. 9.
Coast of New South Wales; also New Zealand.

77. CLATHURELLA BRECHLEYI, Angas, P. Z. S. 1877, pl. v. fig. 12.
Port Stephens (*Brazier*).

78. CLATHURELLA RUFOZONATA, Angas, P. Z. S. 1877, pl. v. fig. 13.
Port Jackson.

79. CLATHURELLA PUSTULATA, P. Z. S. 1877, p. 38, pl. v. fig. 14.
Port Jackson (*Brazier*).

80. CLATHURELLA MODESTA, Angas, P. Z. S. 1877, p. 38, pl. v.
fig. 15.
Port Jackson (*Brazier*).

81. MANGELIA JACKSONENSIS, Angas, P. Z. S. 1877, pl. v. fig. 10.
Dredged off Port-Jackson Heads in 25 fathoms (*Brazier*).

82. MANGELIA FLAVESCENS, Angas, P. Z. S. 1877, pl. v. fig. 11.
Port Jackson (*Brazier*).

83. MANGELIA LALLEMANTIANA.
Pleurotoma lallemantiana, Crosse, Journ. de Conch. 1865.
North and Middle Harbours, Port Jackson (*Brazier*).

84. MANGELIA VINCENTINA.
Pleurotoma vincentina, Crosse, Journ. de Conch. 1865.
Dredged off Port-Jackson Heads; Cabbage-Tree Bay (*Brazier*).
The figure given in the French Journal of this species is so bad, no one could recognize it. The shell is white, with a row of brown spots between the ribs a little below the sutures, and sometimes with a central band on the last whorl. Crosse figures it of a uniform brown colour.

Fam. TEREBRIDÆ.

85. TEREBRA GUNNI, Reeve.
In 45 fathoms, due east of Port Jackson, and in 20 fathoms,
Jervis Bay (*Brazier*).
ANGAS ?? - PORT JACKSON

86. TEREBRA MARMORATA, Desh. P. Z. S. 1859, p. 279.
Near Redbank River (*Brazier*).
ANGAS ?? - PORT JACKSON

87. ACUS (HASTULA) SPECTABILIS, Hinds.
Near Redbank River (*Brazier*).
ANGAS ?? - PORT JACKSON

88. ACUS (EURYTA) BRAZIERI, Angas, P. Z. S. 1875, pl. xlv. f. 5.
Dredged off Port-Jackson Heads in 25 fathoms (*Brazier*).

ROSTRIFERA.

Fam. STROMBIDÆ.

89. STROMBUS (CANARIUM) PLICATUS, Lam.
Near the Nambuccra river (*Brazier*).

90. STROMBUS (CANARIUM) ELEGANS, Sow.
"Sow and Pigs" reef, Port Jackson (*Brazier*).

91. STROMBUS (GALLINULA) CAMPBELLI, Gray.
Port Stephens (*Brazier*).