

A PRELIMINARY INDEX OF THE MOLLUSCA OF WESTERN AUSTRALIA.

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Zoological investigation has progressed more rapidly in the Eastern States of Australia than in the West. The former have longer enjoyed the advantages offered by large and wealthy cities, of endowment of research, of Universities, of Museums, and of scientific societies. So the fauna of the south and east of the continent thus came to be studied and catalogued at an earlier date. But with the increase of population, the advance of education, and especially the founding of a University and expansion of the Museum, Zoology in Western Australia will take her part in the general advance.

Among the various branches of Zoology, few are more attractive to the general student than Conchology. In every State, except this and the Northern Territory, a catalogue has been provided of the molluscan fauna. To supply this deficiency, and at the request of naturalists in Western Australia, a catalogue of the mollusca of the province has now been prepared as a foundation for future work. Since what is now known is but a fraction of what will be found eventually, it is offered as a "preliminary" index. Probably most of the common and conspicuous shells, those which first attract attention, are here represented. But this number will be increased perhaps fourfold when small species and those from deep water are collected.

Hitherto students in Western Australia and those abroad engaged in the study of the fauna of that State, have not had any consecutive account of the mollusca. Even advanced students had difficulty in finding what information was published and when or where. The present endeavour is to abstract literature so that those who have access to libraries may readily identify West Australian shells, and that those not so fortunately situated may make the best use of fewer books, and learn in what direction to seek information. The plan followed, is to give first the original description on which the species is based, then a reference to an approved or accessible figure, finally the reference to occurrence in Western Australia. Besides this analysis of literature, there are noted additional species identified from Western Australia in the Natural History Museum, in London, and the Australian Museum in Sydney, but not hitherto

recorded in literature. Mistaken references are also noted for expulsion.

Two elements, which have little in common, an inter-tropical and an extra-tropical, are included in the marine fauna. The latter, for which I have proposed the name of Adelaidean, extends from Melbourne past South Australia, the Bight and the Leeuwin, and fades away at the commencement of the coral belt. To it succeeds a fauna which I have called the Dampierian, and which extends to Torres Strait. Owing to climatic conditions, the fresh water fauna is extremely restricted. But the land-snail fauna develops a variety surprising in so arid a region, with peculiarities indicating a high antiquity and relation to lost land south and west.

If the early voyagers of the seventeenth and eighteenth centuries gathered any shells in West Australia, no account has come down to us. Thomas Martyn, in 1784, published figures of several shells from King George's Sound, quoted by subsequent writers as Australian; but the King George's Sound of Martyn was Canadian, and is now called Nootka Sound of Vancouver Island.

The earliest conchological work was due to French enterprise. At the opening of the last century (1801 and 1803) Baudin's expedition surveyed a good deal of the coast in the ships "Geographe" and "Naturaliste." The collections obtained by this party provided Lamarek, Montfort, Blainville, Kiener, Chenu, and others with material for research. But owing probably to political disturbances no official report of the scientific work as a whole was produced. Indeed unpublished material from this expedition is said to be still preserved in the Havre Museum.* In 1817-1820, another French expedition in the "Uranie" and "Physicienne," visited this coast and continued the work of their predecessor. About the same time (1818-1822) Capt. P. P. King, an ardent naturalist, was exploring the coast on behalf of the British navy. A selection of the shells he obtained were described by Dr. J. E. Gray, of the British Museum. A well organised expedition, under Admiral Dumont D'Urville (1826-1829) visited this territory. Their results were elaborately presented in the Zoology of the "Astrolabe." A collection formed by a German scientific traveller, Dr. J. A. L. Preiss, in 1838 to 1842, were studied by Dr. T. Menke and published under the title of *Specimen Molluscorum Novae Hollandiae*. Unfortunately several foreign shells had been introduced into this collection and misled the author, who gave numerous corrections in the following year (1844). Several of Menke's shells were illustrated by Philippi and others by Reeve. A German government vessel, the "Gazelle," called at a few places in 1875, dredging and collecting. A collection of shells made in Cambridge Gulf was recorded by W. S. Kent in Proc. Roy. Soc. Qland. VI. During the surveying

* Hedley, Proc. Roy. Soc., Tasm., 1914, p. 81.

cruise of H.M.S. "Penguin," Mr. J. J. Walker, then (1890-1891) Chief Engineer, collected vigorously. Some of his gatherings were dealt with by Mr. E. A. Smith. On behalf of the Hamburg Museum, Drs. Michaelsen and Hartmeyer travelled through the State in 1905. Part of their mollusca has been published, but most of it is still unfinished. In 1910-11 Dr. J. C. Verco made important explorations in conchology in the south of the State. No previous excursion added so much to our knowledge. Mr. T. H. Haynes and Mr. P. D. Montague, who were interested in the Monte Bello Islands, recently provided Messrs. H. B. Preston, G. C. Robson, and T. Iredale with material for various papers.

SUB-KINGDOM—MOLLUSCA.

CLASS—PELECYPODA.

ORDER—PRIONODESMACEA.

Family—Nuculida.

NUCULA M'ANDREWII, Hanley, Proc. Zool. Soc., 1860, p. 441 ; Sowerby, Conch. Icon., XVIII., 1870, Pl. 4, f. 28 ; Von Martens, Forsch. Gazelle, 1889, p. 185. 45-60 fath. Dirk Hartog.

NUCULA MICANS, Angas, Proc. Zool. Soc., 1878, p. 864, Pl. 54, f. 16 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

Family—Arcidæ.

ARCA FUSCA, Bruguiere, Enc. Meth., Vers. I., 1789, p. 192 , Reeve, Conch. Icon., II., 1844, pl. 12, f. 82 ; Brazier, P.L.S., N.S.W.. IX., 1884, p. 802. Cossack ; Iredale, Proc. Zool. Soc. 1914, p. 666; Monte Bello Is.

ARCA DOMINGENSIS, Lamarck, An. s. vert., VI., 1819, p. 40 ; *A. divaricata*, Reeve, Conch. Icon., II., 1844, pl. 16, f. 108 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205 ; Geraldton.

ARCA IMBRICATA, Bruguiere, Ency. Meth., Vers. I., 1792, p. 98 ; Reeve, Conch. Icon., II., 1844, pl. 11, f. 73 ; *A. tetragona* and *A. umbonata*, Menke, Moll. Nov. Holl., 1843, p. 37. N.W. Australia.

ARCA INDICA, Gmelin. Syst. Nat., XIII., 1790, p. 3312 ; Reeve, Conch. Icon., II., 1844, pl. 9, f. 56 ; Menke, Moll. Nov. Holl., 1843, p. 37. N.W. Australia.

ARCA NAVICULARIS, Bruguiere, Ency. Meth., Vers., I., 1792. p. 99 ; Reeve, Conch. Icon., II., 1844, pl. 11, f. 70 ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton.

ARCA TORTUOSA, Linne, Syst. Nat., X., 1758, p. 693 ; Reeve, Conch. Icon., II., 1844, pl. 13, f. 86 ; Von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Strait.

GLYCYMERIS RADIANS, Lamarck,—*Pectunculus radiano* , Lamarck, An. s. vert., VI., 1819, p. 54 ; Reeve, Conch. Icon., I., 1843, pl. 9, f. 50 ; Menke, Moll. Nov. Holl., 1843, p. 37. Woodman's Point ; Von Martens, Forsch. Gazelle, III., 1888, p. 186. Dirk Hartog ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton.

GLYCYMERIS REEVEI, Mayer, *Pectunculus reevei*, Mayer, Cat. foss. tert., Mus. Zurich, III., 1868, p. 5; *Pectunculus angulatus*, Reeve, Conch. Icon., I., 1843, pl. 6, f. 30. Swan River—Jukes (Brit. Museum).

GLYCYMERIS SORDIDUS, Tate.—*Pectunculus sordidus*, Tate, Trans. Roy. Soc. S.A., XIV., 1891, p. 264, pl. 11, f. 8. Geographe Bay; *G. insignis*, Pilsbry, Proc. Acad. Nat. Sci. Philad., LVIII., 1906, p. 213, text fig.

GLYCYMERIS STRIATULARIS, Lamarek.—*Pectunculus striatularis* Lamarek, An. s. vert., VI., 1819, p. 52. King George Sound; *P. obliquus*, Reeve, Conch. Icon., I., 1843, pl. 6, f. 33. Swan River.

Family—Pinnidæ.

PINNA VIRGATA, Menke, Moll., Nov. Holl., 1843, p. 36. W. Australia; Reeve, Conch. Icon., XI., 1858., pl. 24, f. 45.

Family—Pernidæ.

ISOGNOMON AUSTRALICA, Reeve.—*Perna australica*, Reeve, Conch. Icon., XI., 1858, pl. 3, f. 12; Brazier, P.L.S.N.S.W., IX., 1884, p. 802. Cossack.

ISOGNOMON EPHIPIUM, Linne.—*Ostrea ephippium*, Linne, Syst. Nat., X., 1758, p. 700; Chemnitz, Conch. Cab., VII., 1784, p. 245, pl. 58, f. 576; Von Martens, Forsch. Gazelle, III., 1889, p. 196. Mermaid Strait.

CRENATULA BICOSTALIS, Lamarek, An. s. vert., VI., 1819, p. 137. King George's Sound.

CRENATULA VIRIDIS, Lamarek, An. s. vert., VI., 1819, p. 137; Reeve, Conch. Icon., XI., 1858, pl. 1, f. 2; Brazier, P.L.S.N.S.W. IX., 1884, p. 802. Cossack.

Family—Pteridæ.

PTERIA MACROPTERA, Lamarek.—*Avicula macroptera*, Lamarek, An. s. vert., VI., 1819, p. 147; Reeve, Conch. Icon., X., 1857, pl. 2, f. 2. Bedoubt Is. (Austr. Museum).

PINCTADA CARCHARIARUM, Jameson.—*Margaritifera carchariarum*, Jameson, Proc. Zool. Soc., 1901, p. 381, f. 92. Sharks Bay, Derby, and Kimberley.

PINCTADA MARGARITIFERA, Linne.—*Mytilus margaritifera*, Linne, Syst. Nat., X., 1758, p. 704; Chemnitz, Conch. Cab., VIII., 1785, p. 132, pl. 80, f. 718; Jameson, Proc. Zool. Soc., 1901, p. 373; Von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Strait.

PINCTADA MAXIMA, Jameson.—*Margaritifera maxima*, Jameson, Proc. Zool. Soc., 1901, p. 377. W.A., as far South as 25° S. Lat.; *Mcleagrina maxima*, Kent, Great Barrier Reef, 1893, pl. 38.

PINCTADA PAPILIONACEA, Lamarek.—*Avicula papilionacea*, Lamarek, An. s. vert., VI., 1819, p. 149; Menke, Moll. Nov. Holl., 1843, p. 36. Carnac Island; *A. georgiana*, Quoy and Gaim., Zool. Astrolabo, III., 1835, p. 457, pl. 77, f. 10-11. King George's Sound.

PINCTADA PHYSOIDES, Lamarck.—*Avicula physoides*, Lamarck, An. s. vert., VI., 1819, p. 149; Menke, Moll. Nov. Holl., 1843, p. 36. Carnac Is.; Dunker, Conch. Cab., VII., 1872, p. 25, pl. 8, f. 2-3.

PINCTADA SUGILLATA, Reeve.—*Avicula sugillata*, Reeve, Conch. Icon., X., 1857, pl. 9, f. 27, and *A. fimbriata*, f. 25. North-West Australia.

PINCTADA VIRENS, Lamarck.—*Avicula virens*, Lamarck, An. s. vert., VI., 1819, p. 150. "Terre d'Endracht"; Chemnitz, Conch. Cab., VIII., 1785, p. 136, pl. 80, f. 721.

PINCTADA VULGARIS, Schumacher.—*Perlamater vulgaris*, Schumacher, Nouv. Syst. ver. test., 1817, p. 108, pl. 20, f. 8; Jameson, Proc. Zool. Soc., 1901, p. 385. Sharks Bay.

PINCTADA ZEBRA, Reeve.—*Avicula zebra*, Reeve, Conch., Icon., X., 1857, pl. 11, f. 36; Von Martens, Forsch. Gazelle, III., 1889, p. 185, 45-60 fath. Dirk Hartog.

MALLEUS MALLEUS, Linne.—*Ostrea malleus*, Linne, Syst. Nat. X., 1758, p. 699; Chemnitz, Conch. Cab., VIII., 1785, p. 8, pl. 70, f. 655; *M. vulgaris*, Menke, Moll. Nov. Holl., 1843, p. 36. W.A.; Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Is.

MALLEUS REGULUS, Forskal.—*Ostrea regulus*, Forskal, Deser. Anim., 1775, p. 124; *M. vulsellatus*, Brazier, P.L.S.N.S.W., IX., 1884, p. 803. Cossack.

Family—Vulsellidæ.

VULSELLA VULSELLA, Linne.—*Mya vulsella*, Linne, Syst. Nat., X., 1758, p. 671; *V. rudis*, Reeve, Conch. Icon., XI., 1858, pl. 2 f. 12. Swan River; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton.

Family—Ostreidæ.

OSTREA CUCULLATA, Born, Test. Mus., Caes. Vindob., 1780, pl. 6, f. 11-12; *O. australis*, Lamarck, An. s. vert., VI., 1819, p. 280. King George's Sound; Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Is.

OSTREA ANGASI, Sowerby, Conch. Icon. XVIII., 1871, pl. 13, f. 27; *O. hippopus*, Menke, Moll. Nov. Holl., 1843, p. 35. King George's Sound.

OSTREA TRAPEZINA, Lamarck, An. s. vert., VI., 1819, p. 208. Sharks Bay.

Family—Unionidæ.

DIPLODON AMBIGUUS, Philippi.—*Unio ambiguus*, Philippi, Abbild. Besch., III., 1847, p. 47, pl. 3, f. 2. Canning River (W.A. Museum).

Family—Trigoniidæ.

NEOTRIGONIA MARGARITACEA, Lamarck.—*Trigonia margaritacea* Lamarck, Anal. Mus., IV., 1804, p. 355, pl. 67, f. 2. Onslow (A. U. Hemm).

Family—Pectinidæ.

PECTEN ASPERRIMUS, Lamarck, An. s. vert., VI., 1819, p. 174 ; Delessert, Rec., 1841, pl. 15, f. 1 ; *P. rubidus*, Menke, Moll. Nov. Holl., 1843, p. 36, *vide* Menke, Zeit. malak., 1844, p. 90 ; *P. australis*, Sowerby, Thes. Conch., I., 1842, p. 76, pl. 19, f. 210-220. Swan River ; Von. Martens, Forsch. Gazelle, III., 1889, p. 186. Dirk Hartog ; Bavay, Bull. Mus. hist. nat., 1904, p. 365. Exmouth Gulf.

PECTEN HEXACTES, Lamarck, An. s. vert., VI., 1819, p. 178. King George's Sound.

PECTEN INFLEXUS, Poli.—This Mediterranean species has been erroneously ascribed to W. Australia by Menke, Moll. Nov. Holl., 1843, p. 36.

PECTEN LIVIDUS, Lamarck, An. s. vert., VI., 1819, p. 178. King George's Sound ; *P. foliaceus*, Quoy & Gaim., Zool. Astrolabe, III., 1835, p. 445, pl. 76, f. 4-6.

PECTEN MEDIUS, Lamarck, An. s. vert., VI., 1819, p. 163 . *P. bifidus*, Menke, Moll. Nov. Holl., 1843, p. 35, and Philippi, Abbild; Besch., I., 1844, p. 202, pl. 2, f. 6. W.A.

PECTEN RADULA, Linne.—*Ostrea radula*, Linne, Syst. Nat., X., 1758, p. 697 ; *Pecten radula*, Reeve, Conch. Icon., VIII., 1853. pl. 21, f. 83. Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Is.

PECTEN UNDULATUS, Sowerby, Thes. Conch., I., 1842, p. 60, pl. 19, f. 206, 207. Cottesloe (A. U. Henn).

PECTEN SQUAMOSUS, Gmelin.—*Ostrea sq.*, Syst. Nat. XIII., 1791, p. 3319 ; Thes. Conch. I., 1842, p. 69., pl. XIII., f. 48-50 ; Iredale, Proc. Zool. Soc. 1914., p. 666. Monte Bello Is.

PECTEN CRUENTATUS, Reeve, var., LENTIGINOSUS, Reeve, Conch. Icon., VIII., 1853, pl. XX., fig. 76 ; Iredale, Proc. Zool. Soc., 1914, p. 666, Monte Bello Is.

Family—Spondylidæ.

SPONDYLUS AMERICANUS, Hermann.—This American species has been erroneously ascribed to W. Australia by Menke, Moll. Nov. Holl., 1843, p. 35.

SPONDYLUS CASTUS, Reeve, Conch. Icon., IX., 1856, pl. 13, f. 47 ; Brazier, P.L.S., N.S.W., IX., 1884, p. 803. Cossack.

SPONDYLUS COSTATUS, Lamarck, An. s. vert., VI., 1819, p. 189 ; Chemnitz, Conch. Cab., VII., 1784, p. 74, pl. 44, f. 460-462 ; Menke, Moll. Nov. Holl., 1843, p. 35. W. Australia.

SPONDYLUS CROCEUS, Lamarck, An. s. vert., VI., 1819, p. 192 ; Encyclop. Meth. p. 980, pl. 191, f. 4, 20-50 fath., Holothuria Bank. J. J. Walker (Brit. Museum).

SPONDYLUS EECVEI, Fulton, Conch. Icon., XI., 1856, pl. 12, f. 43 ; Von Martens, Forsch. Gazelle, III., 1889, p. 191. Merinaid Strait. Fulton. Journ. of Conch. XIV., 1915, p. 332.

SPONDYLUS DUCALIS Bolten, var., LAMARCKII, Chenu, Illust., Conch., 1843. *Spondylus*, p. 6, pl. 9, f. 4 ; Brazier, P.L.S., N.S.W., IX., 1884, p. 803, Cossack.

SPONDYLUS HYSTRIX, Bolten, var. OCELLATUS, Reeve, Conch. Icon., XI., 1856, pl. 12, f. 43 ; Brazier, P.L.S., N.S.W., IX., 1884, p. 803. Cossack. Fulton. Journ. of Couch. XIV., 1915, p. 334.

SPONDYLUS WRIGHTIANUS Crosse, Journ. de Conch., XXI., 1872, p. 253, pl. 9, f. 1. Nicol Bay.

SPONDYLUS VIOLASCENS, Lamareck, An. s. vert., VI., 1819, p. 193. King George's Sound.

PLICATULA IMBRICATA, Menke, Moll. Nov. Holl., 1843, p. 35. W. Australia ; Sowerby, Conch. Icon., XIX., 1873, pl. 1, f. 4.

Family—Limidae.

LIMA LINGUATULA, Lamareck, An. s. vert., 1819, VI., p. 157 ; Quoy & Gaim., Zool. Astrolabe, III., 1835, p. 453, pl. 76, f. 11-12. King George's Sound.

LIMA MULTICOSTATA, Sowerby, Thes. Conch., I., 1843, p. 85, pl. 22, f. 38 ; Von Martens, Forsch. Gazelle, III., 1889, p. 186. Dirk Hartog.

LIMA PAUCICOSTATA, Sowerby, Thes. Conch., I., 1843, p. 85, pl. 21, f. 14. Nicol Bay. (Austr. Mus.)

LIMA SOWERBYI, Deshayes, Cat. Moll. Reunion, 1863, p. 30 for *L. squamosa*, var., Sowerby, Thes. Conch., I., 1843, p. 84, pl. 21, f. 18 ; Menke, Moll. Nov. Holl., 1843, p. 36. Swan River ; Von Martens, Forsch. Gazelle, III., 1889, p. 186. Dirk Hartog.

LIMA LIMA, Linne.—*Ostrea lima*, Linne, Syst. Nat. X., 1758, p. 699 ; Sowerby, Thes. Conch. I., 1843. Lima pl. I., fig. 1 : Iredale, Proc. Zool. Soc. 1914, p. 666. Monte Bello Is.

LIMA FRAGILIS, Chemnitz.—*Pecten fragilis*, Conch. Cab. VII., pl. 68, fig. 650 : Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Is.

Family—Anomiidae.

PATRO ELYROS, Gray.—*Anomia elyros*, Gray, Proc. Zool. Soc., 1849 (1850), p. 118, pl. 4, f. 1-2. Depuch Is.

PLACUNA EPHIPIUM, Retzius.—*Placenta ephippium*, Retzius, Diss. Sist. nova test genera, 1788, p. 16 ; *Placuna sella*, Gray, Cat. Placentadæ British Mus., 1850, p. 2. N.W. Australia : Sowerby, Conch. Icon., XVIII., 1871, pl. 1, f. 1.

PLACUNA PLACENTA, Linne.—*Anomia placenta*, Linne, Syst. Nat., X., 1758, p. 703 ; Sowerby, Conch. Icon., XVIII., 1871, pl. 3, f. 3. N.W. Australia.

Family—Mytilidae.

BRACHYDONTES ROSUS, Lamareck.—*Mytilus crosus*, Lamareck, An. s. vert., VI., 1819, p. 120 ; *M. magellanicus*, Menke, Moll. Nov. Holl., 1843, p. 37. Rottneest, Carnac, and Garden Islands ; *M. menkeanus*, Philippi, Zeit. f. Malak., IV., 1847, p. 118 ; Reeve, Conch. Icon., X., 1857, pl. 7, f. 26 ; Tate, Trans. Phil. Soc. Ade-

laide, II., 1879, p. 138. King George's Sound; Verco. Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

BRACHYDONTES ROSTRATUS, Dunker.—*Mytilus rostratus*, Dunker, Proc. Zool. Soc., 1856, p. 358; Reeve, Conch. Icon. X., 1857, pl. 5, f. 15. Abrolhos (Aust. Museum).

MYTILUS NITENS, Menke, Zeit. f. Malak., V., 1848, p. 4. W. Australia.

MYTILUS PLANULATUS, Lamarek, An. s. vert., VI., 1819, p. 125. King George's Sound.

MODIOLA ALBICOSTA, Lamarek, An. s. vert., VI., 1819, p. 111; Delessort, Rocueil, 1841, pl. 13, f. 8; Menke, Moll. Nov. Holl., 1843, p. 38. Carnac Is.

MODIOLA ELEGANS, Gray, Spicil. Zool., 1828, p. 7, pl. 6, f. 14; Reeve, Conch. Icon., X., 1857, pl. 5, f. 19; Garden Island. (G. Clifton in Brit. Museum.)

MODIOLA FLAVIDA, Dunker.—*Volsella flavida*, Dunker, Proc. Zool. Soc., 1856, p. 364; Reeve, Conch. Icon., X., 1858, pl. 10, f. 77; Tate, Trans. Phil. Soc. Adelaide, II., 1879, p. 138. King George's Sound.

MODIOLA INCONSTANS, Dunker, Proc. Zool. Soc., 1856 (1857), p. 363; *M. semivestita*, Tate, Trans. Roy. Soc., S.A., IX., 1887, p. 106, pl. 5, f. 16; *M. inconstans*, op. cit., XXI., 1897, p. 49. King George's Sound.

MODIOLA PULEX, Lamarek, An. s. vert., VI., 1819, p. 112. King George's Sound; Hedley, P.L.S., N.S.W., XXXVIII., 1913, p. 265, op. cit., XXXIX., 1914, pl. 79, f. 24.

MODIOLA PHILIPPIANA, Menke, Zeit. f. malak., V., 1848, p. 4; *M. sulcata*, Menke, Moll. Nov. Holl., 1843, p. 38. Carnac Is.

MODIOLA PHILIPPINARUM, Hanley, Proc. Zool. Soc., 1844, p. 15; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Is.

LITHOPHAGA CINNAMOMEA, Lamarek.—*Modiola cinnamomea*, Lamarek, An. s. vert., VI., 1819, p. 114; Reeve, Conch. Icon., X., 1858, pl. 1, f. 5; Brazier, P.L.S., N.S.W., IX., 1884, p. 802. Cossack.

LITHOPHAGA DACTYLUS, Sowerby.—Menke's record, Moll. Nov. Holl., 1843, p. 38, of this from W. Australia was apparently an error of identification.

LITHOPHAGA GRACILIS, Philippi.—*Modiola gracilis*, Philippi, Zeit. f. malak., 1847, p. 117, and Abbild. Besch., III., 1847, p. 19, pl. 2, f. 1; Brazier, P.L.S., N.S.W., IX., 1884, p. 802. Cossack.

MUSCULUS PAULUCCÆ, Crosse.—*Crenella pauluccie*, Crosse, Journ. de Conch., XI., 1863, p. 89, pl. 1, f. 8; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

MUSCULUS CUMINGIANA, Reeve.—*Modiola cumingiana*, Reeve, Conch. Icon., X., 1857, pl. 9, f. 63; Smith, Chall. Exped., Zool. XIII., 1885, p. 278. Swan River.

SEPTIFER BILOCULARIS, Linne.—*Mytilus bilocularis*, Linne, Syst. Nat., X., 1758, p. 705; Reeve, Conch. Icon., X., 1857, pl. 9, f. 42; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

ORDER—ANOMALODESMACEA.

Family—Anatinidæ.

LATERNULA ANATINUS, Linne.—*Solen anatinus*, Linne, Syst. Nat., X., 1758, p. 673; *Anatina subrostrata*, Reeve, Conch. Icon., XIV., 1863, pl. 1, f. 6; Menke, Zeit. f. malak., I., 1844, p. 64. W.A.

LATERNULA IMPERFECTA, Lamarck, An. s. vert., V., 1818, p. 464. Shark Bay.

Family—Thraciida.

THRACIA ALCIOPE, Angas, Proc. Zool. Soc., 1872, p. 611, pl. 42, f. 6. Sharks Bay.

Family—Clavagellidæ.

BRECHITES AUSTRALIS, Chenu.—*Aspergillum australis*, Chenu, Conch. Illustr., 1842, pl. 3, f. 4; *Warnea australis*, Gray, Proc. Zool. Soc., 1858, p. 316. Swan River.

BRECHITES AGGLUTINANS, Lamarck.—*Aspergillum agglutinans*, Lamarck, An. s. vert. V., 1818, p. 430; Chenu, Conch. Illustr., 1842, pl. 3, f. 2; *Foegia agglutinans*, Gray, Proc. Zool. Soc., 1858, p. 313. Swan River.

ORDER—TELEODESMACEA.

Family—Pleurophoridæ.

TRAPEZIUM ANGULATUM, Lamarck.—*Cypriocardia angulata*, Lamarck, An. s. vert., VI., 1819, p. 28. Sharks Bay; Deshayes, Trait. elem. Conchyl., II., p. 18, pl. 24, f. 10-11.

Family—Crassatellitidæ.

CRASSATELLITES KINGICOLA, Lamarck.—*Crassatella kingicola*, Lamarck, Ann. du Mus., V., 1804, p. 408; Delessert, Recueil, 1841, pl. 9, f. 1; Menke, Moll. Nov. Holl., 1843, p. 39. Woodman's Point; *C. decipiens*, Brazier, P.L.S., N.S.W., IX., 1884, p. 802. Cossack.

Family—Sphæridæ.

PISIDIUM SEMEN, Menke, Moll. Nov. Holl., 1843, p. 40. Swan River; Menke, Zeit. f. malak., I., 1844, p. 63.

Family—Carditidæ.

CARDITA AVICULINA, Lamarck, An. s. vert., VI., 1819, p. 26. Sharks Bay; Delessert, Recueil, 1841, pl. 11, f. 10.

CARDITA CRASSICOSTA, Lamarck, An. s. vert., VI., 1819, p. 24; Reeve, Conch. Icon., I., 1843, pl. 2, f. 7; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

CARDITA INCRASSATA, Sowerby, App. Tankerville Cat., 1825, p.v.; *C. preissei*, Reeve, Conch. Icon., I., 1843, pl. 8, f. 39; Verco, Trans. Roy. Soc. S.A., 1912, p. 205. Geraldton; Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Is.

CARDITA NODULOSA, Lamarck, An. s. vert., VI., 1819, p. 25, Sharks Bay ; Delessert, Recueil, 1841, pl. 11, f. 8.

CARDITA SEMIORBICULATA, Linne.—*Chama semiorbiculata*, Linne, syst. Nat., X., 1758, p. 691 ; Reeve, Conch. Icon., I., 1843, pl. III., f. 10 ; Lamarck, An. s. vert., VI., 1819, p. 24. Nouvelle Hollande.

CARDITA SOWERBYI, Deshayes, Proc. Zool. Soc., 1852 (1854), p. 103. Swan River.

Family—Chamidae.

CHAMA AERUGINOSA, Lamarck, An. s. vert., VI., 1819, p. 95, Sharks Bay ; Von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Strait.

CHAMA ASPERELLA, Lamarck.—Lamarck (An. s. vert., VI., 1819, p. 95) described this as from Sharks Bay, but Deshayes (op. cit., 2nd ed., VI., 1835, p. 584) notes that it is really from the Mediterranean.

CHAMA FIMBRIATA, Reeve, Conch. Icon., IV., 1847, pl. 8, f. 41, Point Cunningham ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

CHAMA LIMBULA, Lamarck, An. s. vert., VI., 1819, p. 95 ; Menke, Moll. Nov. Holl., 1843, p. 39. N.W. Australia.

CHAMA SPINOSA, Broderip, Trans. Zool. Soc., I., 1835, p. 306, pl. 38, f. 8-9 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

CHAMA SPONDYLODES, Menke, Moll. Nov. Holl., 1843, p. 39. N.W. Australia.

Family—Lucinidae.

CODAKIA INTERRUPTA, Lamarck.—*Cytherea interrupta*, Lamarck, An. s. vert., V., 1818, p. 574 ; *Lucina interrupta*, Reeve, Conch. Icon. VI., 1850, pl. 2, f. 5 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

DIVARICELLA ANGULIFERA, von Martens, Fauna Mauritius 1880, p. 321, pl. 22, f. 14. Cottesloe (A. U. Hemm).

LORIPES TATEI, Angas.—*Lucina tatei*, Angas., Proc. Zool. Soc., 1878, p. 863, pl. 54, f. 15 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

LORIPES ICTERICA, Reeve.—*Lucina icterica*, Reeve, Conch. Icon., VI., 1850, pl. 10, f. 60 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

LORIPES LACTEOLA, Tate.—*Lucina lacteola*, Tate, Trans. Roy. Soc., S.A., XXI., 1897, p. 48 ; *L. lactea*, A. Adams (not Lamarck), Proc. Zool. Soc., 1855 (1856), p. 225, Swan River ; *L. concentrica*, Adams and Angas (not Lamarck), Proc. Zool. Soc., 1863, p. 426, pl. 37, f. 19.

LORIPES PEROBLIQUA, Tate.—*Lucina perobliqua*, Tate, Trans. Roy. Soc., S.A., XV., 1892, p. 128, pl. 1, f. 10. Irwin River (Austr. Mus.).

THYASIRA GLOBOSA, Forskal.—*Venus globosa*, Forskal, Descrip. Anim., 1775, p. 122 ; Chemnitz, Conch. Cab., VII., 1784, p. 36, pl. 40, f. 431–6 ; Lynge, Lamell. Danish Exped., Siam., 1909, p. 175 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205, Geraldton.

Family—Corbidae.

CORBIS SOWERBII, Reeve, Proc. Zool. Soc., 1841 (1842), p. 85, and Conch. Icon., XVIII., 1872, pl. 1, f. 2 ; Brazier, P.L.S.N.S.W., IX., 1884, p. 801. Cossack.

Family—Cryptodontidae.

CRYPTODON GLOBULARIS, Lamarek.—*Lucina globularis*, Lamarek, An. s. vert., V., 1818, p. 544, King George's Sound ; Hanloy, Cat. Recent Shells, 1843, p. 77, pl. 14, f. 16.

LASAEA AUSTRALIS, Lamarek.—*Cyclas australis*, Lamarek, An. s. vert., V., 1818, p. 560 ; Lamy, Bull. Mus. Hist. Nat., 1913, p. 466 ; *L. scalaris*, Philippi, Zeit. f. Malak., IV., 1847, p. 72 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205, Geraldton ; *L. rubra*, Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 138, King George's Sound.

ROCHEFORTIA DONACIFORMIS, Angas.—*Mysella donaciformis*, Angas, Proc. Zool. Soc., 1878, p. 863, pl. 54, f. 13 ; Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 138, King George's Sound ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205, Geraldton.

KELLYA SUBORBICULARIS, Montagu.—*Mya suborbicularis*, Montagu, Test. Brit., 1804, p. 39, pl. 26, f. 6 ; *Amphidesma physoides*, Lamarek, An. s. vert., V., 1818, p. 493. King George's Sound.

MYLITTA DESHAYESI, D'Orbigny & Recluz, Journ. de Conch., I., 1850, p. 292, pl. 11, f. 12–14 ; Brazier, P.L.S.N.S.W., (2), VIII., 1894, p. 434. Cape Riche, King George's Sound.

Family—Cardiidae.

CARDIUM CYGNORUM, Deshayes, Proc. Zool. Soc., 1854 (1855), p. 331. Swan River.

CARDIUM ELONGATUM, Bruguiere, Eney. Meth., Vers., I., 1789, p. 228 ; Reeve, Conch. Icon., II., 1844, pl. 9, f. 46 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

CARDIUM ERUGATUM, Tate, Trans. Roy. Soc., S.A., XI., 1889, p. 62, pl. 11, f. 6 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

CARDIUM EXASPERATUM, Sowerby, Proc. Zool. Soc., 1840 (1841), p. 106 ; Conch. Illust., f. 37. Swan River.

CARDIUM FLAVUM, Linne, Syst. Nat., X., 1758, p. 680 ; *C. angulatum*, Monke, Moll. Nov. Holl., 1843, p. 40, W.A. ; *C. vertebratum*, Jonas, Zeit. f. Malak., I., 1844, p. 33, W.A. ; *C. dupuchense*, Reeve, Conch. Icon., II., 1845, pl. 14, f. 67, Depueh Isl. ; Iredale, Proc. Zool. Soc., 1914, p. 666, Monte Bello Isl.

CARDIUM FOVEOLATUM, Sowerby, Proc. Zool. Soc., 1840 (1841), p. 111; Conch. Illust., f. 65. Swan River.

CARDIUM IMBRICATUM, Sowerby, Proc. Zool. Soc., 1840 (1841), p. 110; Conch. Illust., f. 48. Swan River.

CARDIUM MINUTUM, Lamarck, An. s. vert., VI., 1819, p. 14. King George's Sound.

CARDIUM RUCATUM, Reeve, Conch. Icon., II., 1844, pl. 12, f. 63. Monte Bello Islands; T. H. Haynes (Brit. Mus.).

CARDIUM TENUICOSTATUM, Lamarck, An. s. vert., VI., 1819, p. 5; Delessert, Recueil, 1841, pl. 11, f. 6; Menke, Moll. Nov. Holl., 1843, p. 39. W. Australia.

CARDIUM TUMORIFERUM, Lamarck, An. s. vert., VI., 1819, p. 15, Sharks Bay; Delessert, Recueil, 1841, pl. 11, f. 7.

CARDIUM UNEDO, Linne, Syst. Nat., X., 1758, p. 680; Menke, Moll. Nov. Holl., 1843, p. 40, W. Australia; Reeve, Conch. Icon., II., 1844, pl. 2, f. 13; Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Is.

Family—Tridacnidae.

TRIDACNA ELONGATA, Lamarck, An. s. vert., VI., 1819, p. 106; Menke, Moll. Nov. Holl., 1843, p. 39; Reeve, Conch. Icon., XIV., 1862, pl. 2, f. 2; Iredale, Proc. Zool. Soc., 1914, p. 666, Monte Bello Is.

HIPPOPUS HIPPOPUS, Linne.—*Chama hippopus*, Linne, Syst. Nat., X., 1758, p. 691; *H. maculatus*, Menke, Moll. Nov. Holl., 1843, p. 39, N.W. Australia; Reeve, Conch. Icon., XIV., 1862, pl. 1.

Family—Veneridae.

DOSINIA BRUGUIERI, Gray, Analyst, VIII., 1838, p. 309; *Artemis prostrata*, Reeve, Conch. Icon., VI., 1850, pl. 4., f. 23. Swan River.

DOSINIA CONTUSA, Reeve.—*Artemis contusa*, Reeve, Conch. Icon., VI., 1850, pl. 7, f. 38, Point Cunningham; Brazier, P.L.S.N.S.W., IX., 1884, p. 801, Cossack.

DOSINIA LUCINALIS, Lamarck.—*Cytherea lucinalis*, Lamarck, An. s. vert, V., 1818, p. 572; Delessert, Recueil, 1841, pl. 9, f. 2; Jukes Browne, Proc. Malac. Soc., X., 1912, p. 214, Monte Bello Islands.

DOSINIA SCALARIS, Menke.—*Cytherea scalaris*, Menke, Moll. Nov. Holl., 1843, p. 42, N.W. Australia; *Artemis scalaris*, Reeve, Conch. Icon., VI., 1850, pl. 2, f. 11, Swan River; Brazier, P.L.S.N.S.W., IX., 1884, p. 801. Cossack.

SUNETTA EXCAVATA, Hanley.—*Cytherea excavata*, Hanley, Proc. Zool. Soc., 1842, p. 123; *C. vaginalis*, Menke, Moll. Nov. Holl., 1843, p. 42. W. Australia; Philippi, Abbild. Besch., II., 1846, p. 96, pl. 3, f. 2.

CAFRARIUM ANGASI, Smith.—*Circe angasi*, Smith, Chall. Zool. XIII., 1885, p. 184, pl. 2, f. 4; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

GAFRARIUM AUSTRALE, Sowerby.—*Circe australis*, Sowerby—Thes. Conch., II., 1851, p. 651, pl. 137, f. 16–17; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

GAFRARIUM CUNEATUM, Lamarck.—*Cytherca cuneata*, Lamarck—An. s. vert., V., 1818, p. 578, King George's Sound; Romer's Mon. Venus, 1869, p. 180, pl. 48, f. 3.

GAFRARIUM ELEGANS, Philippi.—*Cytherea elegans*, Philippi—Abbild. Besch., I., 1844, p. 150, pl. 1, f. 4. Swan River.

GAFRARIUM GIBBIUM, Lamarck.—*Cytherca gibbia*, Lamarck—An. s. vert., V., 1818, p. 577; Encycl. Meth., Vers, pl. 271, f. 4. Menke, Moll. Nov. Holl., 1843, p. 42. W. Australia.

GAFRARIUM GIBBIUM, var. RANELLA, Lamarck.—*Cytherea ranella*, Lamarck, An. s. vert., V., 1818, p. 578; Encycl. Meth. Vers, pl. 271, f. 5; Menke, Moll. Nov. Holl., 1843, p. 42. W. Australia.

GAFRARIUM IMPAR, Lamarck.—*Cytherea impar*, Lamarck, An. s. vert., V., 1818, p. 565; Deshayes, Cat. Conchif. Brit. Mus., 1853, p. 55. Swan River; *Dione impar*, Reeve, Conch. Icon., XIV., 1863, pl. 2, f. 6 and 8; Brazier, P.L.S., N.S.W., IX., 1884, p. 800. Cossack.

GAFRARIUM NUMMULINA, Lamarck.—*Cytherea nummulina*, Lamarck, An. s. vert., V., 1818, p. 576. King George's Sound; *Circe nummulina*, Reeve, Conch. Icon., XIV., 1863, pl. 6, f. 25.

GAFRARIUM RIVULARE, Born.—*Venus rivularis*, Born, Index Mus. Caes., 1778, p. 59, and Test. Mus. Caes., 1780, p. 72, pl. 5, f. 7; *Cytherea rivularis*, Menke, Moll. Nov. Holl., 1843, p. 42. W. Australia.

GAFRARIUM UNDATINUM, Lamarck.—*Cytherea undatina*, Lamarck, An. s. vert., V., 1818, p. 575; Menke, Moll. Nov. Holl., 1843, p. 42. W. Australia; *Circe undatina*, Sowerby, Thes. Conch., II., 1851, p. 651, pl. 138, f. 22–26.

LIOCONCHA CASTRENSIS, Linne.—*Venus castrensis*, Linne, Syst. Nat., X., 1758, p. 687; Sowerby, Thes. Conch., II., 1851, p. 642, pl. 134, f. 151–4; von Martens, Forsch. Gazelle, III., 1889, p. 185, 40–50 fth. Dirk Hartog Is.

MARCIA PERONII, Lamarck.—*Venus peronii*, Lamarck, An. s. vert., V., 1818, p. 606; Menke, Moll. Nov. Holl., 1843, p. 44. W. Australia; Pfeiffer, Conch. Cab., XI., 1869, p. 213, pl. 34, f. 11–18.

MACROCALLISTA PLANATELLA, Lamarck.—*Cytherca planatella*, Lamarck, An. s. vert., V., 1818, p. 565; *C. costata*, Roemer, Mon. Venus, 1869, pl. 18, f. 3. W. Australia; Hedley, P.L.S., N.S.W., 1913, XXXVIII., p. 270.

PAPHIA ALBA, Deshayes.—*Tapes alba*, Deshayes, Proc. Zool. Soc., 1853 (1854), p. 9. Swan River; Reeve, Conch. Icon., XIV., 1864, pl. 4, f. 14.

PAPHIA CRASSISULCA, Lamarck.—*Venus crassisulca*, Lamarck, An. s. vert., V., 1818, p. 594. Sharks Bay.

PAPHIA GALACTITES, Lamarek.—*Venus galactites*, Lamarek, An. s. vert., V., 1818, p. 599. King George's Sound; *Tapes galactites*, Sowerby, Thes. Conch., II., 1852, p. 695, pl. 151, f. 132.

PAPHIA LITERATA, Linne.—*Venus literata*, Syst. Nat., X., 1758, p. 689; *Tapes lineata*, Romer, Monog. Venus, 1870, p. 38, pl. 12, f. 1. Iredale, Proc. Zool. Soc. 1914, p. 666. Monte Bello Is.

PAPHIA ROTUNDATA, Linne.—*Venus rotundata*, Linne, Syst. Nat., X., 1758, p. 690; *Venus papilionacea*, Menke, Moll. Nov. Holl., 1843, p. 44. W. Australia; *Tapes rotundata*, Reeve, Conch. Icon., XIV., 1864, pl. 2, f. 7.

PAPHIA TEXTILE, Gmelin.—*Venus textile*, Gmelin, Syst. Nat., XIII., 1791, p. 3280; Menke, Moll. Nov. Holl., 1843, p. 44. W. Australia; Sowerby, Thes. Conch., II., 1852, p. 681, pl. 148, f. 26-28.

PAPHIA TURGIDA, Lamarek.—*Venus turgida*, Lamarek, An. s. vert., V., 1818, p. 595, and *V. ovulacea*, op. cit., p. 601. King George's Sound; Sowerby, Thes. Conch., II., 1852, p. 684, pl. 147, f. 53-54.

ANTIGONA CHEMNITZII, Hanley.—*Venus chemnitzii*, Hanley, Proc. Zool. Soc., 1844, p. 160; Reeve, Conch. Icon., XIV., 1863, pl. 10, f. 32. N.W. Australia (Austr. Museum).

ANTIGONA GRAVESCENS, Menke.—*Venus gravescens*, Menke, Moll. Nov. Holl., 1843, p. 43. W. Australia; Philippi, Abbild. Besch., II., 1846, p. 107, pl. 5, f. 2.

ANTIGONA LAMELLARIS, Schumacher.—*Alamellaris*, Schumacher, Essai, 1817, p. 155, pl. 14, f. 1; Brazier, P.L.S., N.S.W., IX., 1884, p. 799. Cossack.

ANTIGONA LAQUEATA, Sowerby.—*Venus laqueata*, Sowerby, Thes., Conch., II., 1853, p. 706, pl. 153, f. 15. Swan River; Von Martens, Forsch. Gazelle, III., 1889, p. 186. Dirk Hartog.

ANTIGONA TIARA, Dillwyn. *Venus tiara*, Dillwyn, Descrip. Cat., I., 1817, p. 162; Reeve, Conch. Icon., XIV., 1863, pl. 23, f. 109; Brazier, P.L.S.N.W.W., IX., 1884, p. 799. Cossack; Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Is.

ANTIGONA TOREUMA, Gould.—*Venus toreuma*, Gould, Proc. Bost. Soc. Nat. Hist. Soc., III., 1850, p. 277, and Wilkes Am. Expl. Exped., p. 419, pl. 37, f. 537; von Martens, Forsch. Gazelle, III., 1889, p. 186, 50 fath. Mermaid Strait.

CHIONE GALLINULA, Lamarek.—*Venus gallinula*, Lamarek, An. s. vert., V., 1818, p. 592; *Venus coelata*, Menke, Moll. Nov. Holl., 1843, p. 43. W. Australia; Philippi, Abbild. Beschr., II., 1846, p. 108, pl. V., f. 3.

CHIONE LAGOPUS, Lamarek.—*Venus lagopus*, Lamarek, An. s. vert., V., 1818, p. 591. King George's Sound; *V. australis*, Sowerby, Thes. Conch. II., 1853, p. 719, pl. 157, f. 111-112. Swan River.

CHIONE MARICA, Linne. *Venus marica*, Linne, Syst. Nat., X., 1758, p. 685; Reeve, Conch. Icon., XIV., 1863, pl. 22, f. 104; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton.

CHIONE MITIS, Deshayes, Cat. Conchif. Brit. Mus., 1853, p. 143. Swan River; Reeve, Conch. Icon., XIV., 1864, pl. 25, f. 127.

CHIONE STRIATISSIMA, Sowerby.—*Erycina cardioides*, Lamarck, An. s. vert., V., 1818, p. 486. King George's Sound; *Venus striatissima*, Sowerby, Thes. Conch. II., 1853, p. 718, pl. 157, f. 103-5.

SALACIA PAUCILAMELLATA, Dunker.—*Mercenaria paucilamellata*, Dunker, Novit. Conch., 1858, p. 52, pl. 76, f. 10-12; *Venus alatus*, Reeve, Conch. Icon., XIV., 1863, pl. 18, f. 83. Swan River.

GOMPHINA UNDULOSA, Lamarck.—*Venus undulosa*, Lamarck, An. s. vert., V., 1818, p. 606. Shark Bay and King George's Sound; Reeve, Conch. Icon., XIV., 1864, pl. 25, f. 126. Swan River; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205, Geraldton.

VENUS ZEALANDICA, Quoy & Gaimard.—This is erroneously reported from King George's Sound by Q. & G., Zool. Astrolabe, III., 1835, p. 522, pl. 84, f. 5-6.

VENUS ANOMALA, Lamarck.—This is erroneously reported from Shark Bay by Lamarck, An. s. vert., V., 1818, p. 599.

PITARIA CITRINA, Lamarck.—*Cytherca citrina*, Lamarck, An. s. vert., V., 1818, p. 567; *Dione ustulata*, Reeve, Conch. Icon., XIV., 1863, pl. XI., f. 49, Swan River.

VENERUPIS CARDITOIDES, Lamarck, An. s. vert., V., 1818, p. 508; Delessert, Recueil, 1841, pl. 5, f. 3. Swan River (Capt. Mangles in Brit. Mus.).

VENERUPIS INTERJECTA, Deshayes, Brit. Mus. Cat. Conchif., 1853, p. 196. Swan River; Sowerby, Thes. Conch., II., 1854, p. 767, pl. 164, f. 14.

VENERUPIS PLANICOSTA, Deshayes, Proc. Zool. Soc., 1853 (1854), p. 4. Swan River; Hedley, P.L.S.N.S.W., XXXVIII., 1913, p. 271, pl. 16, f. 25-6.

VENERUPIS RUGOSA, Sowerby, Thes. Conch., II., 1854, p. 768, pl. 165, f. 25. Swan River.

PETRICOLA LAPICIDA, Gmelin.—*Venus lapicida*, Gmelin, Syst., Nat., XIII., 1791, p. 3260; Sowerby, Conch. Thes., II., 1854, p. 776, pl. 166, f. 26; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton; *Petricola lucinalis*, Lamarck, An. s. vert., V., 1818, p. 504. King George's Sound.

Family—Tellinidae.

TELLINA ALBINELLA, Lamarck, An. s. vert., V., 1818, p. 254; Roemer, Monog. Tellina., 1872, p. 112, pl. 27, f. 1-4; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton.

TELLINA CHLOROLEUCA, Lamarck, An. s. vert., V., 1818, p. 524; Menke, Moll. Nov. Holl., 1843, p. 41. W. Australia; Sowerby, Conch. Icon., XVII., 1866, pl. 12, f. 54.

TELLINA JUBAR, Hanley, Thes. Conch., I., 1846, p. 229, pl. 63, f. 214; Bertin, Nouv. Arch. Mus., (2), I., 1878, p. 232. Sharks Bay.

TELLINA MARGARITINA, Lamarck, An. s. vert., V., 1818, p. 525. King George's Sound ; Delessert, Recueil, 1841, pl. 6, f. 4.

TELLINA PERNA, Spengler, Skrift. nat. Selsk. Kiob., IV., 1798, p. 79 ; Hanley, Thes. Conch., I., 1846, p. 236, pl. 63, f. 202, 217, 219 ; Bertin, Nouv. Arch. Mus., (2), I., 1878, p. 232. Shark's Bay ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton ; Monte Bello Isl. (T. Haynes in Brit. Mus.).

TELLINA SOWERBII, Hanley, Proc. Zool. Soc., 1844, p. 62 ; Sowerby, Conch. Icon., XVII., 1867, pl. 40, f. 228. Swan River (Capt. Mangles in Brit. Museum).

TELLINA VIRGATA, Linne, Syst. Nat., X., 1758, p. 674 ; Hanley, Thes. Conch., I., 1846, p. 228, pl. 63, f. 212. Swan River (Brit. Museum).

ARCOPAGIA REMIES, Linne.—*Tellina remies*, Linne, Syst. Nat., X., 1758, p. 678 ; Hanley, Thes. Conch., I., 1846, p. 258, pl. 64, f. 226 ; *T. sulcata*, Lamarck, An. s. vert., V., 1818, p. 528. Sharks Bay.

ARCOPAGIA LINGUAFELIS, Linne.—*Tellina linguafelis*, Linne, Syst. Nat., X., 1758, p. 674 ; Menke, Moll. Nov. Holl., 1843, p. 41. W. Australia ; Hanley, Thes. Conch., I., 1846, p. 266, pl. 64, f. 236.

ARCOPAGIA VICTORIÆ Gatliff and Gabriel, Viet., Nat., XXXI., 1914, p. 83 ; *Tellina decussata* Bertin, Nouv. Arch. Mus. (2), I., 1878, p. 265, King George Sound ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205, Geraldton.

Family—Psammobiidae.

GARI ALBA, Lamarck, An. s. vert., V. 1818, p. 514, King George's Sound ; Dautsenberg and Fiseher, Journ. of Conch. LXI., 1914, p. 218, pl. VI., fig. 8, 9, 10, 11. *Soletellina hedleyi*, Sowerby Proc. Malac. Soc. VII., 1907, p. 302, pl. XXV. fig. 12.

GARI BIRADIATA, Wood.—*Solen biradiata*, Wood, Gen. Conch., 1815, p. 135, pl. 33, f. 1 ; *P. flavicans* Lamarck, An. s. vert., V., 1818, p. 514. King George's Sound.

GARI ECOLORATA, Preston, Proc. Malac. Soc. XI., 1914, p. 18, text fig. Monte Bello Is.

GARI FRAGILIS, Lamarck, An. s. vert., V., 1818, p. 515. Sharks Bay ; Delessert, Recueil, 1841, pl. 5, f. 8.

SOLETELLINA HAYNESI, Preston, Proc. Malac. Soc., XI., 1914, p. 18, text fig. Monte Bello Is.

Family Donacidae.

DONAX AUSTRALIS, Lamarck, An. s. vert., V., 1818, p. 548 ; Bertin, Nouv. Archiv., (2), IV., 1881, p. 114. King George's Sound ; *D. bicolor*, Sowerby, Thes. Conch., III., 1866, p. 311, pl. 283, f. 102-103.

DONAX BRAZIERI, Smith, Proc. Zool. Soc., 1891, p. 491, pl. 40, f. 10 ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton.

DONAX COLUMBELLA, Lamarck, An. s. vert., V., 1818, p. 547. King George's Sound; Delessert, Recueil, 1841, pl. 6, f. 11; *D. sulcarius*, Menke, Moll. Nov. Holl. 1843, p. 40. W. Australia; *D. splendens*, Dunker, Novit. Conch., 1865, p. 79, pl. 27, f. 5-7. Swan River; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 205. Geraldton.

DONAX DELTOIDES, Lamarck, An. s. vert., V., 1818, p. 547; Sowerby, Thes. Conch., II., 1866, p. 310, pl. 283, f. 100-101; Bertin, Nouv. Arch. Mus., (2), IV., 1881, p. 115. Swan River; *D. epidemia*, Tate, Trans. Roy. Soc. S.A., IX., 1887, p. 86. King George's Sound.

DONAX ELONGATUS, Lamarck, An. s. vert., V., 1818, p. 550; Bertin, Nouv. Arch. Mus. (2), IV., 1881, p. 84. King George's Sound.

DONAX FABA, Gmelin, Syst. Nat., XIII., 1791, p. 3264; Sowerby, Thes. Conch., III., 1866, p. 312, pl. 283, f. 108-109. Swan River (Brit. Museum).

DONAX LINEOLATUS, Bory St. Vincent, Encycl. Meth., 1824, pl. 262, f. 8; Menke, Moll. Nov. Holl., 1843, p. 40. W. Australia.

DONAX RINGENS, Lamarck.—This record by Menke, Moll. Nov. Holl., 1843, p. 40, from W. Australia of an African Shell is considered an error by Von Martens. Jahr. deut. Malak. Gessell., I., 1874, p. 143.

DONAX TRIQUETER, Lamarck, An. s. vert., V., 1818, p. 549. King George's Sound; Deshayes, An. s. vert., (2), VI., 1835, p. 243 footnote—considered this to be a young *Cytherea corbicula*.

Family—Solenidae.

SOLEN TIMORENSIS, Reeve, Conch. Icon., XIX., 1874, pl. 6, f. 27; Brazier, P.L.S.N.S.W., IX., 1884, p. 798. Cossack.

Family—Mactridæ.

MACTRA ABBREVIATA, Lamarck, An. s. vert., V., 1818, p. 477; Menke, Moll. Nov. Holl., 1843, p. 45. W. Australia; Smith, Proc. Malac. Soc. XI., 1914, p. 137.

、 *MACTRA AUSTRALIS*, Lamarck, An. s. vert., V., 1818, p. 475. King George's Sound; *M. polita*, Reeve, Conch. Icon., VIII., 1854, pl. 10, f. 39. Swan River.

、 *MACTRA CUMINGI*, Reeve, Conch. Icon., VIII., April, 1854, pl. 6, f. 24; *M. cuvieri*, Deshayes, Proc. Zool. Soc., 1853 (July, 1854), p. 17. Swan River (Brit. Museum).

MACTRA DECUSSATA, Menke, Moll. Nov. Holl., 1843, p. 46. W. Australia.

MACTRA EXPLANATA, Reeve, Conch. Icon., VIII., 1854, pl. 14, f. 70. Swan River.

MACTRA INCARNATA, Reeve, Conch. Icon., VIII., 1854, pl. 13, f. 61. Swan River.

MACTRA RUFESCENS, Lamarck, An. s. vert., V., 1818, p. 476. Sharks Bay; *M. rugifera*, Dunker, Novit. Conch., 1862, p. 41, pl. 13, f. 1-3. Swan River.

MACTRA TRIGONELLA, Lamarck, An. s. vert., V., 1818, p. 479, and Encycl. Meth., pl. 259, f. 2. Sharks Bay.

MACTRA PURA, Reeve, Conch. Icon., VIII., 1854, pl. XII., f. 53; Smith, Proc. Malac. Soc. XI., 1914, p. 147. Swan River, Eucla.

MACTRA HELVACEA, Chemnitz, Menke-Moll. Nov. Holl., 1843, p. 45—erroneously ascribes this European species to W. Australia.

LUTRARIA RHYNCHAENA, Jonas, Zeit, f. malak., I., 1844, p. 34; Reeve, Conch. Icon., VIII., 1854, pl. 3, f. 10. Swan River.

Family—Mesodesmatidæ.

AMPHIDESMA CORNEA, Lamarck.—*Amphidesma corneum*, Lamarck An. s. vert., V., 1818, p. 491; Delessert, Recueil, 1841, pl. 4, f. 5; Menke, Moll. Nov. Holl., 1843, p. 45. W. Australia.

AMPHIDESMA HETERODON, Reeve, Mesodesma heterodon, Conch. Icon., VIII., 1854, pl. 2, f. 13. N.W. Australia.

AMPHIDESMA LANCEOLATA, Reeve, Mesodesma lanceolata, Conch. Icon., VIII., 1854, pl. 4, f. 25. N.W. Australia.

AMPHIDESMA NITIDA, Reeve, Mesodesma nitida, Conch. Icon., VIII., 1854, pl. 1, f. 6. Swan River.

AMPHIDESMA PRÆCISA, Reeve, Mesodesma præcisa, Conch. Icon., VIII., 1854, pl. 4, f. 31; Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 138. King George's Sound.

Family—Corbulidæ.

CORBULA CRASSA, Hinds, Proc. Zool. Soc., 1843, p. 55; Hinds, Zool. Sulphur Moll., 1845, p. 67, pl. 20, f. 13; Brazier, P.L.S.N.S.W., IX., 1884, p. 799. Cossack.

CORBULA SEMEN, Lamarck, An. s. vert., V., 1818, p. 497. King George's Sound.

CORBULA THECOIDA, Jonas, Zeit, f. malak., 1844, p. 185. W. Australia.

Family—Saxicavidæ.

SAXICAVA AUSTRALIS, Lamarck.—*Corbula australis*, Lamarck, An. s. vert., V., 1818, p. 495; Blainville, Malac., pl. 78, f. 3; Brazier, P.L.S.N.S.W., IX., 1884, p. 799. Cossack.

Family—Pholadidæ.

MARTESIA AUSTRALIS, Gray, Ann. Mag. Nat. Hist., (2), VIII., 1851, p. 384. N.W. Australia.

MARTESIA MULTISTRIATA, Sowerby.—*Pholas multistriata*, Sowerby, Thes. Conch., II., 1849, p. 494, pl. 104, f. 35–36. Turtle Island.

MARTESIA OBTECTA, Sowerby.—*Pholas obsecta*, Sowerby, Thes. Conch., II., 1849, p. 496, pl. 108, f. 80–81. Turtle Island.

PHOLAS AUSTRALASIE, Sowerby, Thes. Conch. II., 1849, p. 488, pl. 106, f. 73; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 205. Geraldton.

Family—Percidinidæ.

NAUSITORIA SAULII, Wright.—*Calobates saulii*, Wright, Trans. Linn. Soc., XXV., 1865, p. 567, pl. 65, f. 9–15; Hedley, Proc. Linn. Soc., N.S. Wales, XXIII., 1898, p. 94, f. 7–9. Fremantle (Prof. Dakin).

NAUSITORIA THORACITES, Gould.—*Calobates thoracites*, Gould, Proc. Bost. Soc. Nat. Hist. VII., 1856, p. 15; *C. australis*, Wright, Trans. Linn. Soc., XXV., 1866, p. 564, pl. 64, f. 1–5. Fremantle.

CLASS—CEPHALOPODA.

ORDER—TETRABRANCHIATA.

Family—Nautilidæ.

NAUTILUS POMPILIUS, Linne, Syst. Nat., X., 1758, p. 708; Woodward's Manual, 1866, Frontispiece. Menke, Moll. Nov. Holl. 1843, p. 5. Port Loschenault.

ORDER—DIBRANCHIATA.

Family—Spirulidæ.

SPIRULA SPIRULA, Linne.—*Nautilus spirula*, Linne, Syst. Nat. XII., 1767, p. 1163; Woodward's Manual, 1866, pl. 1, f. 9; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202, Geraldton.

Family Sepiidæ.

SEPIADARIUM AURITUM, Robson, Proc. Zool. Soc., 1914, p. 678, text fig. 1. Monte Bello Is.

SEPIA BRAGGI, Verco, Trans. Roy. Soc., S.A., XXXI., 1907, p. 213, pl. 27, f. 6; S. sp. Meyer, Faun. Sudwest. Austr. II., 1909, p. 335, f. 11. Cockburn Sound.

SEPIA CALEI, Meyer, Faun. Sudwest. Austr. II., 1909, p. 332, f. 4, 5, 6. Sharks Bay, Dirk Hartog.

SEPIA IRVINGI, Meyer, Faun. Sudwest. Austr., II., 1909, p. 333, f. 7–10. Cockburn Sound.

SEPIA INDICA, D'Orbigny, Ceph. Acet., 1839, p. 288, pl. 21; Brazier, Cat. Austr. Ceph., 1892, p. 12. W. Australia.

SEPIA LATIMANUS, Quoy and Gaim., Zool. Astrolabo, II., 1832, p. 68, pl. 2, f. 2; Meyer Faun. Sudwest. Austr., II., 1909, p. 331. Sharks Bay.

SEPIA ROSTRATA, D'Orbigny, Acot, 1826, p. 284, pl. 8, f. 6; Brazier Cat. Australian Cephalopoda, 1892, p. 12. W. Australia.

SEPIOTEUTHIS AUSTRALIS, Quoy and Gaim., Zool. Astrolabe, II., 1832, p. 77, pl. 4, f. 1; von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Straits.

SEPIOTEUTHIS MAURITIANA, Quoy and Gaim., Zool. Astrolabe, II., 1832, p. 76, pl. 4, f. 2-6; Meyer, Faun. Sudwest. Australia, II., 1909, p. 329, f. 1-2. Albany.

SYMPLECTOTEUTHIS OUALANIENSIS, Lesson.—*Loligo oualaniensis*, Lesson, Voy. Coquille, Zool. 1830, p. 240, pl. 1, f. 2; Brazier, Cat. Australian Cephalopoda, 1892, p. 17. Nicol Bay.

LOLIGO UNCINATA, Quoy and Gaim., Voy. Uranie and Physicienne, 1825, p. 410, pl. 66, f. 7. Off Endracht's Land.

SEPIOLOIDEA LINEOLATA, Quoy and Gaim, Zool. Astrolabe, II., 1832, p. 82, pl. 5, f. 8; Meyer Faun. Sudwest. Austr., II., 1909, p. 330, f. 3. W. Australia.

Family—Polypidae.

POLYPUS BOSCHII, Lesueur.—*Sepia boschii*, Lesueur, Journ. Acad. Nat. Sci. Philad., II., 1821, p. 101; Brazier, Cat. Australian Cephalopoda, 1892, p. 3. W. Australia.

CLASS—AMPHINEURA.

ORDER—APLACOPHORA.

Family—Proneomeniidae.

EPIMENIA AUSTRALIS, Thiele, Zeitsch. f. Wiss. Zool. LXXII., 1902, p. 255; Nierstrasz, Nat. Antarct. Exped., Zool., IV., 1909, Solenogastres, p. 11. N.W. Australia.

ORDER—POLYPLACOPHORA.

Family—Lepidopleuridae.

LEPIDOPLEURUS NIGER, Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 105, pl. 25, f. 5. Hopetoun.

Family—Ischnochitonidae.

CALLOCHITON PLATESSA, Gould,—*Chiton platessa*, Gould, Proc. Bost. Soc. Nat. Hist., II., 1846, p. 143; Pilsbry, Man. Conch., XIV., 1892, p. 49, pl. 10, f. 1-5; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 95. Albany, Rottneest Is., Ellensbrook.

CALLOCHITON RUFUS, Ashby, Trans. Roy. Soc., S.A., XXIV., 1900, p. 87, pl. 1., f. 2; Thiele, Faun. Sudwest Austr. III., 1911, p. 402. Sharks Bay.

CHÆTOPLEURA BIARMATA, Roehbrune, Bull. Soc. Philom, 1882, p. 195, King George's Sound; Thiele, Revision II., 1910, p. 73, pl. 7, f. 19, 26.

ISCHNOCHITON ALBINUS, Thiele, Faun. Sudwest Austr., III., 1911, p. 400, pl. 6, f. 4. Sharks Bay.

ISCHNOCHITON CARIOSUS, Pilsbry, Man. Conch., XIV., 1892, p. 65, pl. 24, f. 20-23; Thiele, Faun. Sudwest Austr., III., 1911, p. 400, Bunbury; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 96. Rottneest Is., Albany, Hopetoun, Yallingup, and Ellensbrook.

ISCHNOCHITON CONTRACTUS, Reeve.—*Chiton contractus*, Reeve, Conch. Icon., IV., 1847, pl. 15, f. 78, Swan River; Torr, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 97. Albany, Hopetoun.

ISCHNOCHITON CRISPUS, Reeve.—*Chiton crispus*, Reeve, Conch. Icon., IV., 1847, pl. 19, f. 120. Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 96. Esperance, Hopetoun.

ISCHNOCHITON DECUSSATUS, Reeve.—*Chiton decussatus*, Reeve, Conch. Icon., IV., 1847, pl. 18, f. 107. Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 97. Fremantle.

ISCHNOCHITON INDIFFERENS, Thiele, Fauna Sudwest Austr., III., 1911, p. 401, pl. 6, f. 5-6. Sharks Bay.

ISCHNOCHITON JULOIDES, Adams & Angas.—*Stenochiton juloides*, Adams & Angas, Proc. Zool. Soc., 1864, p. 193; Pilsbry, Man. Conch., XIV., 1892, p. 55, pl. 16, f. 6-8; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 96. Albany, Rottneest Is., Hopetoun, Yallingup, and Ellensbrook.

ISCHNOCHITON PSYCHIUS, Pilsbry, Nautilus, VIII., 1894, p. 53; Bednall, P. Malac. Soc., II., 1897, p. 147; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 97. Fremantle.

ISCHNOCHITON RESPLENDENS, Bednall & Matthews, Proc. Mal. Soc., VII., 1906, p. 91, pl. 9, f. 4; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 97. Albany, Yallingup, and Ellensbrook.

ISCHNOCHITON SULCATUS, Quoy & Gaim.—*Chiton sulcatus*, Quoy & Gaim., Zool. Astrolabe, III., 1835, p. 385, pl. 75, f. 31-36. King George's Sound.

CALLISTOCHITON ANTIQUUS, Reeve.—*Chiton antiquus*, Reeve, Conch. Icon., IV., 1847, pl. 25, f. 169; Torr, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 150. Albany, Ellensbrook, and Yallingup.

CALLISTOCHITON RECENS, Thiele, Faun. Sudwest Austr., III., 1911, p. 402. Sharks Bay.

Family—*Plaxiphoridae*.

PLAXIPHORA COSTATA, Blainville.—*Chiton costata*, Blainville, Dict. Sci. Nat., XXXVI., 1825, p. 548; *Chiton glauca*, Quoy and Gaim., Zool. Astrolabe, III., 1834, p. 376, pl. 74, f. 7-11; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 99. King George's Sound, Albany, Rottneest Is., Bunbury, Ellensbrook, and Yallingup.

PLAXIPHORA HEDLEYI, Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 103, pl. 24, f. 2. Albany.

PLAXIPHORA PUSTULOSA, Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 107, pl. 25, f. 7. Albany.

PLAXIPHORA ZEBRA, Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 106, pl. 25, f. 6. Port Esperance.

Family—Acanthochitonidae.

ACANTHOCHITONA BEDNALLI, Pilsbry, Proc. Acad. Nat. Sci., Philad., 1894, p. 81, pl. 2, f. 7-11; Thiele, Faun. Sudwest Austr., III., 1911, p. 403, Albany, Dirk Hartog, and Sharks Bay.

ACANTHOCHITONA BREVISPINOSUS, Sowerby.—*Chiton brevispinosus*, Menke, Moll. Nov. Holl., 1843, p. 34, Arthur's Head; Pilsbry, Man. Conch., XIV., 1892, p. 231, pl. 47, f. 18-21.

ACANTHOCHITONA DELICIOSUS, Thiele, Faun. Sudwest. Austr., III., 1911, p. 403, pl. 6, f. 5-10. Bunbury.

ACANTHOCHITONA SPECIOSUS, H. Adams.—*Cryptoplax speciosa*, H. Adams, Proc. Zool. Soc., 1861, p. 385; Pilsbry, Proc. Nat. Sci. Philad., 1894, p. 83, pl. 4, f. 31-3; Torr, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 159. Albany.

ACANTHOCHITONA SUBVIRIDIS, Torr., Trans. Roy. Soc., S.A., XXXV., 1911, p. 104, pl. 25, f. 3. Albany.

ACANTHOCHITONA VERCONIS, Torr and Ashby, Trans. Roy. Soc., S.A., XXII., 1898, p. 217, pl. 6, f. 4; Torr. op. cit., XXXV., 1911, p. 99. Geographie Bay.

ACANTHOCHITONA SUERII, Blainville.—*Chiton suerii*, Blainville, Dict. Sci. Nat., XXXVI., 1825, p. 553, King George's Sound; *Chiton asbestoides*, Smith, Zool. Alert, 1884, p. 83, pl. 6, f. G.; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 99. Albany.

Family—Cryptoconchidae.

CRYPTOCONCHUS GUNNII, Reeve.—*Chitonellus gunnii*, Reeve, Conch. Icon., IX., 1847, pl. 1, f. 5; Thiele, Faun. Sudwest Austr. III., 1911, p. 405. Fremantle.

CRYPTOCONCHUS HARTMEYERI, Thiele, Faun. Sudwest Austr. III., 1911, p. 405. pl. 6, f. 18-26. Sharks Bay.

CRYPTOCONCHUS MICHAELSENI, Thiele, Faun. Sudwest Austr., III., 1911, p. 404, pl. 6, f. 11-17. Sharks Bay.

Family—Chitonidae.

RHYSSOPLAX BEDNALLI, Pilsbry.—*Chiton bednalli*, Pilsbry, Nautilus IX., 1895, p. 90; Bednall, Proc. Malac. Soc., II., 1897, p. 153, pl. 12, f. 8; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 98. Geographie Bay.

CHITON COCCUS, Menke, Zeit. f. malak., I., 1844, p. 62. N.W. Australia.

RHYSSOPLAX EXOPTANDUS, Bednall.—*Chiton exoptandus*, Bednall, Proc. Mal. Soc., II., 1897, p. 152, pl. 12, f. 7; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 98. Geographie Bay.

RHYSSOPLAX TORRIANUS, Hedley and Hull.—*Chiton torri*, Hedley and Hull, Rec. Austr. Mus. VII., 1909, p. 262, pl. 73, f. 6-11. *C. torrianus*, Hedley and Hull, op. cit., p. XI., 1910; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 98. Esperance, Albany, Yallingup, Ellensbrook, Rottnest Is.

RHYSSOPLAX TRICOSTALIS, Pilsbry.—*Chiton tricostalis*, Pilsbry, Nautilus, VIII., 1894, p. 54; Torr, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 151. Ellensbrook.

TONICIA HULLIANUS, Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 104, pl. 25, f. 4. Ellensbrook.

ACANTHOPLEURA SPINOSA, Bruguiere, *Chiton spinosa*, Nat. Hist., I., 1792, p. 25; Iredale, Proc. Zool. Soc., 1914, p. 668. Monte Bello Is.

ACANTHOPLEURA GEORGIANA, Quoy and Gaim.—*Chiton georgiana*, Quoy & Giam., Zool. Astrolabe III., 1835, p. 379, pl. 75, f. 25–30, King George's Sound; Menke, Moll. Nov. Holl., 1843, p. 34, Arthur's Head; Thiele, Faun. Sudwest Austr., III., 1911, p. 399, pl. 6, f. 3. Albany, Geraldton.

ACANTHOPLEURA GEMMATA, Blainville. Dict. Sci. Nat. XXXVI., 1825, p. 544. *Chiton spiniger*, Sowerby, Mag. Nat. Hist., 1840, p. 287, suppl., pl. 16, f. 2; Thiele Faun. Sudwest Austr., III., 1911, p. 398, Bernier, Turtle Is. and Cossack; Iredale, Proc. Zool. Soc. 1914., p. 668. Monte Bello Is.

LORICA VOLVOX, Reeve.—*Chiton volvox*, Reeve, Conch. Icon., II., 1847, pl. 6, f. 31; Torr, Trans. Roy. Soc., S.A., XXXV., 1911, p. 98. Rottnest Is., Ellensbrook.

ONITHOCHITON SCHOLVIENI, Thiele, Zool. 1910, p. 99, pl. 10, f. 60, 61, and Faun. Sudwest Austral., III., 1911, p. 397. Fremantle, Bunbury, Rottnest Is.

LUCILINA DILECTA, Thiele, Faun. Sudwest Austr., III., 1911, p. 397, pl. 6, f. 1, 2. Sharks Bay.

CHITON EXIGUUS, Sowerby.—It is improbable that Menke, Moll. Nov. Holl. 1843, p. 34, correctly identified this from N.W. Australia.

CLASS—GASTEROPODA.

ORDER—DIOTOCARDIA.

Family—Pleurotomariidæ.

SCHISMOPE ATKINSONI, Ten. Woods.—*Scissurella atkinsoni*, T. Woods, Proc. Roy. Soc. Tasm., 1876 (1877), p. 149; *Schismope carinata*, Watson (not Adams, 1862), Chall. Zool., XV., 1886, p. 119, pl. 8, f. 6; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 201. Bunbury.

SCHISMOPE PULCHRA, Petterd, Journ. of Conch., IV., 1884, p. 139; Hedley, P.L.S.N.S.W., XXV., 1901, p. 726, f. 25; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 201. King George's Sound, Hopetoun.

Family—Fissurellidæ.

SCUFUS ANATINUS, Donovan.—*Patella anatinus*, Donovan, Rees. Encycl., 1820, Conchology, pl. 16; *Parmophorus australis*,

Lamarck, An. s. vert., VI., 1822, p. 5; Quoy & Gaim., Zool. Astrolabe, III., 1834, p. 321, pl. 69, f. 1-4. King George's Sound; Menke, Moll. Nov. Holl., 1843, p. 33. Torbay.

HEMITOMA SUBEMARGINATA, Blainville.—*Emarginula subemarginata*, Dict. Sci., Nat., XIV., 1819, p. 382; *Emarginula australis*, Quoy & Gaim., Zool. Astrolabe, III., 1834, p. 328, pl. 68, f. 11, 12. King George's Sound.

HEMITOMA RUGOSA, Quoy & Gaim.—*Emarginula rugosa*, Quoy & Gaim., Zool. Astrolabe, III., 1834, p. 331, pl. 68, f. 17, 18. King George's Sound.

EMARGINULA DILECTA, A. Adams, Proc. Zool. Soc., 1851 (1852), p. 85. King George's Sound; Sowerby, Thes. Conch., III., 1863 p. 211, pl. 245, f. 5.

TUGALIA CICATRICOSA, A. Ad. Thes. Conch., III., 1863, p. 222, pl. 249, f. 14. Geographe Bay (Austral. Museum).

LUCAPINELLA OBLONGA, Menke.—*Fissurella oblonga*, Menke, Moll. Nov. Holl., 1843, p. 33, W. Australia; *L. pritchardi*, Hedley, Proc. Roy. Soc., Vict., VII., 1895, p. 198, pl. 11, f. 3-7. Geraldton. (A. U. Henn.)

MEGATEBENNUS JAVANICENSIS, Lamarck.—*Fissurella javanicensis*, Lamarck, An. s. vert., VI., 1822, p. 14; Delessert, Recueil, 1841, pl. 24, f. 8. King George's Sound and Geographe Bay (Austral. Museum).

MEGATEBENNUS OMICRON, Crosse & Fischer.—*Fissurella omieron*, Crosse & Fischer, Journ. de Conch., 1864, p. 348; l.c., 1865, p. 41, pl. 3, f. 4-6; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

MACROSCHISMA TASMANIÆ, Sowerby, Thes. Conch., III., 1862, p. 206, pl. 244, f. 223; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

Family—*Haliotidæ*.

HALIOTIS ALBICANS, Quoy & Gaim., Zool. Astrolabe, III., 1834, p. 311, pl. 68, f. 1, 2. King George's Sound.

HALIOTIS AUSTRALIS, Gmelin, Syst. Nat., XIII., 1791, p. 3689; Chemnitz Conch. Cab., X., 1788, p. 311, pl. 166, f. 1603, 1604; Menke, Moll. Nov. Holl., 1843, p. 32. W. Australia.

HALIOTIS CONICOPORA, Peron, Voy. Terr. Austr., II., 1816, p. 80; *H. naevosa*, Phil. (not Martyn), Abbild. Besch., I., 1844, p. 147, pl. 2, 3; *H. cunninghami*, Gray, Append. King's Intertrop. Austr., II., 1826, p. 493; Reeve, Conch. Icon., III., 1846, pl. 1 f. 3; *H. gigantea*, Menke, Moll. Nov. Holl., 1843, p. 31. Mistaken Island; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 200. Esperance, King George's Sound, Ellensbrook, Rottneest Island.

HALIOTIS ELEGANS, Philippi, Abbild. Beschr., I., 1844, p. 119, pl. 1, f. 1, 2; Hedley, P.L.S.N.S.W., XXI., 1896, p. 817. Dongara; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 200. Rottneest Island, Sharks Bay (Henn).

HALIOTIS FUNEBRIS, Reeve, Conch. Icon., III., 1846, pl. 12 f. 38; Hedley, P.L.S.N.S.W., XXXVIII., 1913, p. 277. Swan River.

HALIOTIS PULCHERRIMA, Martyn.—This Polynesian species was in error originally (Martyn, Univ. Conch., II., 1784, f. 62), reported from King George's Sound.

HALIOTIS ROEI, Gray, Append. King Intertrop, Austr., II., 1826, pp. 157, 493; Reeve, Conch. Icon., III., 1846, pl. 4, f. 10; *H. scabricosta*, Menke, Moll. Nov. Holl., 1843, p. 31. Mistaken Island; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 200. Esperance, King George's Sound, Ellensbrook, Bunbury, and Rottneest Island.

HALIOTIS SCALARIS, Leach.—*Padollus scalaris*, Leach, Zool. Miscell., I., 1814, p. 66, pl. 28; *P. rubicundus*, Gray, Append. King Intertrop. Austr., II., 1826, p. 32; *H. tricostalis*, Menke, Moll. Nov. Holl., 1843, p. 32. W. Australia; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 200. Esperance, Albany, Ellensbrook, Bunbury, and Rottneest Island.

HALIOTIS SEMPLICATA, Menke, Moll. Nov. Holl., 1843, p. 32. W. Australia; *H. lauta*, Reeve, Conch. Icon., III., 1846, pl. 17, f. 68; Hedley, P.L.S.N.S.W., XXVI., 1902, p. 702, Cottesloe.

HALIOTIS SQUAMATA, Reeve, Conch. Icon., III., 1846, pl. 12, f. 35. N.W. Australia. Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Island.

HALIOTIS STRIATA, Linne, Menke erroneously records—Moll. Nov. Holl., 1843, p. 32—this species from W. Australia.

HALIOTIS VARIA, Linne, Syst. Nat., X., 1758, p. 780; Menke, Moll. Nov. Holl., 1843, p. 32. W. Australia; Sowerby, Thes. Conch., V., 1882, p. 28, pl. 428, f. 5-7, 11, 12, 61. Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Island.

Family—*Stomatiidae*.

GENA AURICULA, Lamarek.—*Stomatella auricula*, Lamarek, An. s. vert., VI., 1822, p. 210; Quoy & Gaim., Zool. Astrolabe, III., 1834, p. 309, pl. 66, bis. f. 17-19. King George's Sound.

GENA NIGRA, Quoy & Gaim.—*Stomatella nigra*, Quoy & Gaim. Zool. Astrolabe III., 1834, p. 307, pl. 66, f. 10-12; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202, Geraldton.

GENA STRIATULA, A. Adams, Proc. Zool. Soc., 1850, p. 37; Thes. Conch., II., 1854, p. 829, pl. 173, f. 9, 10. Swan River.

STOMATIA SCULPTURATA, Preston, Proc. Malac. Soc., XI., 1914, p. 17, fig. Monte Bello Island.

STOMATELLA BACONI, A. Adams, Thes. Conch., II., 1854, p. 38, pl. 174, f. 25, 26. Swan River, Exmouth Gulf, and Monte Bello Island (T. H. Haynes, in Brit. Museum).

STOMATELLA CLATHRATULA, A. Adams, Proc. Zool. Soc., 1854 (1855), p. 133; Sowerby, Conch. Icon., XIX., 1874, pl. 5, f. 31. N.W. Australia (Brit. Museum).

STOMATELLA DUPLICATA, Sowerby, Thes. Conch., II., 1854, p. 841, pl. 175, f. 61-63. Monte Bello Island (Brit. Museum).

STOMATELLA IMBRICATA, Lamarek, An. s. vert., VI., 1822, p. 209; Menke, Moll. Nov. Holl., 1843, p. 33. W. Australia; Sowerby, Thes. Conch., II., 1854, p. 833, pl. 174, f. 1.

STOMATIA PHYMOTIS, Helbling, Beitrage, 1779, p. 124, pl. 2, f. 34, 35. Monte Bello Island (British Museum).

Family—Trochidæ.

TROCHUS ARCHITECTONICUS, A. Adams.—*Pyramis architectonicus*, A. Ad., Proc. Zool. Soc., 1851 (1853), p. 152. Signet (? Cygnet) Bay; Reeve, Conch. Icon., XIII., 1861, pl. 4, f. 22.

TROCHUS CÆRULESCENS, Lamarek, An. s. vert., VII., 1822, p. 18; King, Intertrop. Australia, II., 1826, p. 204. Dirk Hartog, Point Cunningham; *T. prasinus*, Menke, Moll. Nov. Holl., 1843, p. 16. W. Australia; Philippi, Abbild. Besch., II., 1845, p. 35 pl. 7, f. 10.

TROCHUS CARINIFERUS, Reeve, Syst. Conch., II., 1842, pl. 118, f. 8; A. Adams, Proc. Zool. Soc., 1851 (1853), p. 152. Signet (? Cygnet) Bay; *T. baccatus*, Sowerby, Journ. Linn. Soc., XX., 1889, p. 397, pl. 25, f. 8, 9.

TROCHUS FENESTRATUS, Gmelin, Syst. Nat., XIII., 1791, p. 3582; Reeve, Conch. Icon., XIII., 1861, pl. 4, f. 18. Swan River (Brit. Museum).

TROCHUS HANLEYANUS, Reeve, Proc. Zool. Soc., 1842, p. 184, and Conch. Icon., XIII., 1862, pl. 1, f. 2; A. Adams, Proc. Zool. Soc., 1851 (1853), p. 154. Swan Point.

TROCHUS MONTEBELLOENSIS, Preston, Malac. Soc., XI., 1914, p. 16, fig. Monte Bello Island.

TROCHUS MACULATUS, Linne.—Syst. Nat., X., 1758, p. 756; Menke, Moll. Nov. Holl. 1843, p. 16., N.W. Australia; Reeve, Conch. Icon., XIII., 1862, pl. 1, f. 4, pl. 12, f. 4.

TROCHUS OBELISCUS, Gmelin.—Syst. Nat., XIII., 1791, p. 3579; Pilsbry Man. Conch., XI., 1889, p. 19, pl. 2, f. 13, 14; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

TROCHUS PULLIGO, Martyn.—This Californian species was originally reported—Martyn, Universal Conchologist, 1784, pl. 76—from King George's Sound, as von Martens has noted, Mal. Blatt., XIX., 1872, p. 42.

TROCHUS COSTATUS, Martyn.—Like the foregoing, this American species was originally introduced as from King George's Sound. Martyn, Univ. Conch., 1784, f. 34.

CLANCULUS ANUS, Philippi.—*Trochus anus*, Philippi, Zeit. f. malak., 1848, p. 101; Fischer Coq. Viv., 1878, p. 324, pl. 101, f. 3. King George's Sound.

CLANCULUS DENTICULATUS, Gray.—*Monodonta denticulatus*, Gray, Append. King intertrop. Austr. II., 1826, p. 479; Menke, Zeit. f. malak., 1844, p. 58. W. Australia; *Trochus lupinus*, Philippi, Conch. Cab., II., 1846, p. 237, pl. 36, f. 3.

CLANCULUS DUNKERI, Philippi.—*Trochus dunkeri*, Philippi, *Abbild. Besch.*, I., 1843, p. 67, pl. 2, f. 5; Brazier, *Proc. Roy. Soc. Tasm.*, 1886, p. 202. Cape Riche; *C. rubens*, Tate, *Trans. Phil. Soc. Adelaide*, II., 1879, p. 137. King George's Sound.

CLANCULUS CONSORBRINUS, Tate, *Trans. Roy. Soc., S.A.*, XVII., 1893, p. 193, pl. 1, f. 1. Bunbury and Geraldton (Henn).

CLANCULUS LEUCOMPHALUS, Verco, *Trans. Roy. Soc., S.A.*, XXIX., 1905, p. 168, pl. 31, f. 9–11; 1 c., XXXVI., 1912, p. 207. 72 fath. Western Bight.

CLANCULUS MAXILLATUS, Menke.—*Monodonta maxillatus*, Menke, *Moll. Nov. Holl.*, 1843, p. 14. W. Australia; *Trochus maxillatus*, Philippi, *Conch. Cab.*, II., 1846, p. 236, pl. 36, f. 2.

CLANCULUS PLEBEIUS, Philippi.—*Trochus plebeius*, Philippi, *Zeit. f. mal.*, 1851, p. 41, and *Conch. Cab.*, p. 326, pl. 46, f. 10; Verco, *Trans. Roy. Soc., S.A.*, XXXVI., 1912, p. 202. Geraldton.

CLANCULUS RINGENS, Menke.—*Monodonta ringens*, Menke, *Moll. Nov. Holl.*, 1843, p. 14. W. Australia. Fischer, *Coq. Viv.*, 1877, p. 213, pl. 71, f. 1.

TROCHUS IMPERVIUS, Menke.—This African species, as von Martens points out—*Jahrb. deut. Malak. Gessel.*, I., 1874, p. 143, footnote—was wrongly ascribed to W. Australia by Menke—*Moll. Nov. Holl.* 1843, p. 18.

MONODONTA ADELAIDÆ, Philippi.—*Trochus adelaidæ*, Philippi, *Conch. Cab.*, II., 1849, p. 140, pl. 24, f. 1; Brazier, *Proc. Roy. Soc. Tasm.*, 1886 (1887), p. 199. Cape Riche.

MONODONTA CARBONARIA, Philippi, *Zeit. f. Malak.*, V., 1848, p. 103, and *Conch. Cab.*, II., 1849, p. 276, pl. 40, f. 9. King George's Sound.

MONODONTA CONSTRICTA, Lamarek, *An. s. vert.*, VII., 1822, p. 36; Delessert *Recueil*, 1841, pl. 36, f. 11; Menke, *Moll. Nov. Holl.*, 1843, p. 13. W. Australia.

MONODONTA LABIO, Linne.—*Trochus labio*, Linn, *Syst. Nat.* X., 1758, p. 750; Fischer, *Coq. Viv.*, 1877, p. 223, pl. 73, f. 1, pl. 74, f. 4; Hedley, *Proc. Roy. Soc. Queensland*, VI., 1890, p. 242. Cambridge Gulf; Swan River (Brit. Museum).

MONODONTA RUDIS, Gray in *Append. King. Intertrop. Austr.* ii., 1826, p. 480; *Monodonta melanotoma*, Menke, *Moll. Nov. Holl.*, 1843, p. 14; Philippi, *Abbild. Besch.*, I., 1845., p. 188, pl. 5, f. 2; Verco, *Trans. Roy. Soc., S.A.*, XXXVI., 1912, p. 202. Geraldton.

MONODONTA ZEUS, Fischer, *Coq. Viv.*, 1878, p. 334, pl. 104, f. 1; Hedley, *P.L.S., N.S.W.*, XXI., 1896, p. 817. Dongara; Verco, *Trans. Roy. Soc., S.A.*, XXXVI., 1912, p. 202. Geraldton.

CANTHARIDUS APICINUS, Menke.—*Monodonta apicinus*, Menke, *Moll. Nov. Holl.*, 1843, p. 15. W. Australia; Philippi, *Conch. Cab.*, II., 1846, p. 133, pl. 23, f. 5.

CANTHARIDUS CHLORITES, Philippi.—*Trochus chlorites*, Philippi, *Conch. Cab.*, II., 1846, p. 60, pl. 13, f. 2. W. Australia.

CANTHARIDUS CHLOROSTOMUS, Menke.—*Trochus chlorostomus*, Menke, *Moll. Nov. Holl.*, 1843, p. 17; Philippi, *Abbild., Beschr.*,

I., 1843, p. 68, pl. 2, f. 8 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

CANTHARIDUS CONICUS, Gray.—*Monodonta conicus*, Gray, in King Intertrop. Austr., II., 1826, p. 479 ; *Thalotia woodsiana*, Angas, Proc. Zool. Soc., 1872, p. 611, pl. 42, f. 4,5 ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton.

CANTHARIDUS BAUDINI, Fischer.—*Trochus baudini*, Coq. Viv., 1879, p. 356, pl. 110, f. 5. Sharks Bay.

CANTHARIDUS FLINDERSI, Fischer.—*Trochus flindersi*, Fischer, Journ. de Conch., XXVI., 1878, p. 65 ; Coq. Viv., 1879, p. 354, pl. 110, f. 3. King George's Sound.

CANTHARIDUS INDISTINCTUS, Wood.—*Trochus indistinctus*, Wood, Test. Index suppl., pl. 6, f. 41 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

CANTHARIDUS IRISODONTES, Quoy and Gaim. — *Trochus irisodontes*, Quoy and Gaim, Zool. Astrolabe, III., 1834, p. 246, pl. 63, f. 12 ; King George's Sound ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

CANTHARIDUS LEHMANI, Menke.—*Trochus lehmani*, Menke, Moll. Nov. Holl., 1843, p. 18 ; Philippi, Abbild., Besch., II., 1845, p. 37, pl. 7, f. 2 ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 202. Geraldton.

CANTHARIDUS LEPIDUS, Philippi.—*Trochus lepidus*, Philippi, Conch. Cab., II., 1846, p. 84, pl. 15, f. 4. Swan River ; *C. punctulosus*, A. Ad., Proc. Zool. Soc., 1851 (1853), p. 169 ; Hedley, P.L.S., N.S.W., XXXVIII., 1913, p. 280, pl. 17, f. 47. Monte Bello Islands (T. H. Haynes in Brit. Museum).

CANTHARIDUS NEGLECTUS, Tate.—*Thalotia neglectus*, Tate, Trans. Roy. Soc., S.A., XVII., 1893, p. 194, pl. 1, f. 6, and Verco, op. cit., XXXVI., 1912, p. 203. Geraldton.

CANTHARIDUS OCTONA, Tate.—*Lciopyrga octona*, Tate, Trans. Roy. Soc., S.A., XIV., 1891, p. 260, pl. 11, f. 5. King George's Sound ; Verco, op. cit., XXVIII., 1904, p. 140, pl. 26, f. 15-18 ; and XXXVI., 1912, p. 203. Geraldton.

CANTHARIDUS PULCHERRIMUS, Wood.—*Trochus pulcherrimus*, Wood, Ind. Test., suppl. 1828, p. 18, pl. 6, f. 45. *Trochus preissii*, Menke, Moll. Nov. Holl., 1843, p. 17 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912 p. 203. Geraldton.

CANTHARIDUS PYRGOS, Philippi.—*Trochus pyrgos*, Philippi, Zeit. f. Malak., VI., 1849, p. 189, and Conch. Cab., II., 1846, pl. 43, f. 14 ; *C. moniliger*, A. Adams, Proc. Zool. Soc., 1851 (1853), p. 169. Swan River.

CANTHARIDUS STRICATUS, A. Adams.—*Thalotia strigata*, A. Adams, Proc. Zool. Soc. 1851 (1853), p. 172. Swan Point. Hedley, P.L.S., N.S.W., XXXIII., 1908, p. 482, pl. 7, f. 3

GIBBULA COXI, Angas, Proc. Zool. Soc. 1867, p. 115; pl. 13, fig. 26. Cottesloe (Henn).

GIBBULA LEHMANI, Menke.—*Turbo lehmani*, Menke, Moll, Nov. Holl., 1843, p. 13, Leschenault Harbour. *Trochus lehmani*, Philippi, Conch. Cab., II., 1846, p. 185, pl. 28, f. 15.

GIBBULA PREISSIANA, Philippi.—*Trochus preissiana*, Philippi, Conch. Cab., II., 1846, p. 177, pl. 28, f. 3. West Australia.

MONILEA LENTIGINOSA, A. Adams, Proc. Zool. Soc., 1851 (1853), p. 188; Fischer, Coq., Viv., 1878, p. 317, pl. 100, f. 1. Swan River and Sharks Bay.

MONILEA SOLANDRI, Philippi.—*Trochus solandri*, Philippi, Conch. Cab., II., 1846, p. 180, pl. 28, f. 8. W. Australia.

MONILEA SIMULANS, Smith.—Erroneously reported from W. Australia by a clerical error. Zool. Rec., 1899, p. 80.

MONILEA VITILIGINEA, Menke.—*Trochus vitiligineus*, Menke, Moll. Nov. Holl., 1843, p. 18. W.A. Philippi, Conch. Cab., II., 1846, p. 167, pl. 28, f. 2.

CALLIOSTOMA BRODERIPI, Philippi.—*Trochus broderipi*, Philippi, Conch., Cab., II., 1846, p. 257, pl. 38, f. 5.—Garden Island.

CALLIOSTOMA CILIARIS, Menke.—*Trochus ciliaris*, Menke, Moll. Nov. Holl., 1843, p. 17. N.W. Australia; Philippi, Abbild. Beschr., II., 1845, p. 36, pl. 7, f. II. Swan River; *Ziziphinus castra*, Reeve, Conch. Icon., XIV., 1863, pl. 2, f. 14.

CALLIOSTOMA DECEPTUM, Smith.—Proc. Malac. Soc., III., 1899, p. 312, f. 5. Holothuria Bank and Baleine Bank; *C. deceptum*, Hedley, P.L.S., N.S.W., XXXII., 1907, p. 490, pl. 16, f. 3.

CALLIOSTOMA HEDLEYI, Pritchard and Gatliff, Proc. Roy. Soc. Vict., 1901 (1902), XIV., p. 182, pl. 9, f. 4; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 207, 80 fath. Western Bight.

CALLIOSTOMA JUJUBINUM, Gmelin.—Erroneously reported by Reeve, Conch. Icon., XLV., 1863, *Ziziphinus*, pl. 2, f. 12, from Swan River, but is really West Indian.

CALLIOSTOMA NOBILIS, Philippi.—*Trochus nobilis*, Philippi, Conch. Cab., II., 1846, p. 86, and 255, pl. 15, f. 6, and pl. 38, f. 1. W. Australia.

ASTELE STENOMPHALA, Smith, Proc. Malac. Soc., III., 1899, p. 209, f. 3. Holothuria Banks.

TALORBIS AMPULLUS, Tate.—*Euchelus ampullus*, Tate, Trans. Roy. Soc. S.A., XVII., 1893, p. 197, pl. 1, f. 5. Cambridge Gulf; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton.

EUCHELUS ANNECTANS, Tate, Trans. Roy. Soc., S.A., XVII., 1893, p. 196. W.A.

EUCHELUS ATRATUS, Gmelin.—*Turbo atratus*, Gmelin, Syst. Nat., XIII., 1791, p. 3601; *Monodonta canaliculata*, Delessert-Recueil, 1841, pl. 37, f. 1; *M. sulcifera*, A. Adams, Proc. Zool. Soc., 1851, (1853), p. 175, Roebuck Bay; Iredale, Proc. Zool. Soc., 1914, p. 666. Monto Bello Island.

EUCHELUS BACCATUS, Menke.—*Monodonta baccatus*, Menke, Moll. Nov. Holl., 1843, p. 14, Phillipi, Conch. Cab., II., 1846, p. 173, pl. 27, f. 13; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

EUCHELUS FENESTRATUS, Tate, Trans. Roy. Soc., S.A., XVII., 1893, p. 195, pl. 1, f. 2. W. Australia.

EUCHELUS VIXUMBILICATUS, Tate, Trans. Roy. Soc., S.A., XVII., 1893, p. 196, pl. 1, f. 4. W. Australia.

ANGARIA DELPHINUS, Linn, var. *INCISA*, Reeve.—*Delphinula incisa*. Reeve, Conch. Syst., II., 1842, pl. 212, f. 11. Turtle Island (Dring, in Brit. Museum).

Var. *TYRIA*, Reeve, Conch. Syst. II., 1842, pl. 211, f. 1-6. Rottneest Island.

Var. *LACINATA*, Lamarck, Gray, King Intertrop. Austr., II., 1827, p. 482, and 56. Prince Regents River ; Brazier, P.L.S.N.S.W., IX., 1884, p. 798. Cossack.

Family—Turbinidae.

PHASIANELLA AUSTRALIS, Gmelin.—*Buccinum australis*, Gmelin, Syst. Nat., XIII., 1791, p. 3490 ; *P. bulimoides*, Quoy & Gaim, Zool. Astrolabe III., 1834, p. 235, pl. 59, f. 1-7. King George's Sound ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, pp. 202, 206. Geraldton, 100 fath., Western Bight.

PHASIANELLA MONTEBELLOENSIS, Preston, Proc. Malac. Soc., XI., 1914, p. 14, fig. Monte Bello Islands.

PHASIANELLA ROSEA, Angas.—*Eutropia rosca*, Angas, Proc. Zool. Soc., 1867, p. 144, pl. 13, f. 24 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

PHASIANELLA VARIEGATA, Lamarck, An. s. vert., VII., 1822, p. 53 ; Delessert, Recueil, 1841, pl. 37, f. 10 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton ; *P. lentiginosa*, Reeve, Conch. Icon., XIII., 1862, pl. 4, f. 10. Swan River.

PHASIANELLA PERDIX, Wood, Ind. Test. Suppl., 1828, pl. 6, fig. 46. King George's Sound ; *P. ventricosa*, Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton ; *P. reticulata*, Reeve, Conch. Icon., XIII., 1862, pl. 3, f. 7. Swan River.

TURBO GRUNERI, Philippi, Zeit. f. malak., III., 1846, p. 89 ; *T. circularis*, Sowerby, Thes. Conch., V., 1886, p. 203, pl. 496, f. 37. Swan River.

TURBO INTERCOSTALIS, Philippi, Zeit. f. malak., 1846, p. 98 ; and Conch. Cab., II., 1847, p. 42, 68, pl. 16, f. 4, 5. W. Australia.

TURBO JOURDANI, Kiener, Rev. Zool. Soc. Cuvier, 1839, p. 324 ; Verco, Trans. Roy. Soc., S.A., XXXII., 1908, p. 338, pl. 18, XXXV., 1911, p. 213 ; XXXVI., 1912, p. 202, Geographic Bay, Esperance, Rottneest Island, Geraldton.

TURBO PETHOLATUS, Linne, Syst. Nat., X., 1758, p. 762 ; Reeve, Conch. Icon., IV., 1848, pl. 3, f. 12 ; Hedley, Proc. Roy. Soc., Q'land., VI., 1890, p. 242. Cambridge Gulf.

TURBO PORPHYRITES, Martyn, var. *PORCATUS*, Reeve.—*T. porcatus*, Reeve, Conch. Icon., IV., 1848, pl. 11, f. 52. Point Swan.

TURBO PULCHER, Reeve, Proc. Zool. Soc. 1842 (1843), p. 185, and Conch. Icon., IV., 1848, pl. 3, f. 9. Turtle Island ; Sowerby Proc. Malac. Soc., V., 1902, p. 12. Fremantle ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

TURBO SQUAMOSUS, Gray, Voy. Fly., II., 1847, p. 359, pl. 2, f. 8; Iredale, Proc. Zool. Soc., 1914, p. 669. Monte Bello Islands.

Vars. SCABROSUS, HAYNESI, AND TURRIFORMIS, Preston, Proc. Malac. Soc., XI., 1914, p. 15, figs. Monte Bello Islands.

TURBO STAMINEUS, Martyn, var. LAMELLOSUS, Broderip, Zool. Journ., V., 1831, p. 331, suppl. pl. 49, f. 2. Garden Island; *T. torquatus*, Quoy & Gaim., Zool. Astrolabe, III., 1834, p. 222, pl. 60, f. 15, 18. King George's Sound; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

TURBO TICAONICUS, Reeve, Conch. Icon., IV., 1848, pl. 5, f. 23; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

TURBO UNDULATUS, Martyn.—*Limax undulatus*, Martyn, Univ. Conch., I., 1784, f. 29; Fischer, Coq. Viv., 1875, p. 30, pl. 14, f. 2. Swan River.

ASTRÆA AUREA, Jonas.—*Trochus aurea*, Jonas, Zeit. f. malak., 1844, p. 168; *Calcar aurea*, Fischer, Coq. Viv., 1875, p. 43, pl. 104, f. 3. King George's Sound.

ASTRÆA CALCAR, Linne.—*Turbo calcar*, Linne, Syst. Nat., X., 1758, p. 762; A. c., Pilsbry, Man. Conch., X., 1888, p. 231, pl. 52, f. 27, 29, 30, pl. 56, f. 74. Swan River (in Brit. Museum.)

ASTRÆA CHEMNITZI, Valenciennes.—*Trochus chemnitzii* Val., Voy. Venus, 1846, pl. 2 bis, f. 1; *T. asteriscus*, Reeve, 1861, not T. a., Reeve, 1842. Monte Bello Islands (in Brit. Museum).

ASTRÆA FIMBRIATA, Lamarck.—*Trochus fimbriatus* Lamarck, An. s. vert., VII., 1822, p. 12; Turbo f., Quoy & Gaim., Zool. Astrolabe, III., 1834, pl. 61, f. 8–12. King George's Sound; Brazier, P.L.S.N.S.W., IX., 1884, p. 797. Cossack; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

ASTRÆA ROTULARIA, Lamarck.—*Trochus rotularius*, Lamarck, An. s. vert., VII., 1822, p. 12; Delessert Recueil, 1841, pl. 34, f. 9; *Imperator nobilis*, Gray, Append. Voy. Fly, II., 1847, p. 358, pl. 2, f. 7. Swan River (in Brit. Museum).

ASTRÆA STELLARIS, Gmelin.—*Turbo stellaris*, Gmelin, Syst. Nat., XIII., 1791, p. 3600; von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Strait; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

ASTRÆA TENTORIFORMIS, Jonas.—*Trochus tentoriformis* Jonas, Zeit. f. malak., 1845, p. 66; Fischer, Coq. Viv., 1875, p. 44, pl. 31, f. 2, pl. 79, f. 3. King George's Sound.

CYCLOSTREMA TATEI, Angas, Proc. Zool. Soc., 1878, p. 862, pl. 54, f. 10; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 202. Geraldton.

LIOTINA AUSTRALIS, Kiener.—*Delphinula australis*, Coq. Viv. X., 1839, p. 8, pl. IV., f. 7. Dongara. (Austr. Mus.)

LIOTINA PERONII, Kiener.—*Delphinula peronii*, Coq. Viv., X., 1839, p. 9, pl. III., fig. 5; Adams, Proc. Zool. Soc., 1850, p. 50, pl. VIII., fig. 18–20. Abrolhos (Henn).

LIOTINA DEVEXA, Hedley, P.L.S.N.S.W., XXVI., 1901, p. 18, pl. 2, f. 4-6; *L. walkeri*, Sowerby, Proc. Malac. Soc., VIII., 1908, p. 16, pl. 1, f. 2. Baudin Island.

LIOTINA REEVIANA, Hinds.—*Delphinula reeviana*, Hinds, Zool. Sulphur, 1845, p. 52, pl. 16, f. 17-15-30 fath., Holothuria Banks (J. J. Walker in Brit. Museum).

CHARISMA ROSEA, Tenison Woods.—*Monilea rosea* Ten. Woods, Proc. Roy. Soc., Tasm., 1876, p. 154; *Collonia roseopunctata*, Angas, Proc. Zool. Soc., 1880 p. 417, pl. 40, f. 8. Geraldton (Henn).

Family—Neritidæ.

NERITA ALBICILLA, Linne, Syst. Nat., X., 1758, p. 778; v. Martens, Conch. Cab., II., 1889, p. 25, 101, pl. 8, f. 1, 2. Sharks Bay, Fremantle; Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Islands.

NERITA COSTATA, Gmelin, Syst. Nat., XIII., 1791, p. 3684; v. Martens, Conch. Cab., II., 1889, pp. 62, 112, pl. 1, f. 11, 12, pl. 4, f. 8-11. N.W. Australia.

NERITA INSCULPTA, Recluz, Rev. Zool., 1841, p. 152; v. Martens Conch. Cab., II., 1889, p. 88, pl. 11, f. 1-4. King George's Sound.

NERITA LINEATA, Gmelin, Syst. Nat., XIII., 1791, p. 3684; v. Martens, Conch. Cab., II., 1889, p. 15, pl. 1, f. 3, 4, pl. 4, f. 12-15; Hedley, Proc. Roy. Soc., Q'land., VI., 1890, p. 242. Cambridge Gulf.

NERITA MELANOTRAGUS, Smith, Zool. Coll. Alert, 1884, p. 69; v. Martens, Conch. Cab., II., 1889, p. 100, pl. 13, f. 5-10. King George's Sound.

NERITA PLANOSPIRA, Anton, Verzeichn. Conch., 1839, p. 30; v. Martens, Conch. Cab. II., 1889, p. 23, 110, pl. 4, f. 4-7. King George's Sound.

NERITA PLICATA, Linne, Syst. Nat., X., 1758, p. 779; v. Martens, Conch. Cab., II., 1889, p. 63, pl. 10, f. 6-10. Dana Island; and Forsch. Gazelle, III., 1889, p. 191. Mermaid Straits.

NERITA POLITA, Linne, Syst. Nat., X., 1758, p. 778; v. Martens, Conch. Cab., II., 1889, p. 72, pl. 3, f. 10-26, King George's Sound; var. *antiquata*, Recluz, Hedley, Proc. Roy. Soc., Q'land, VI., 1890, p. 242, Cambridge Gulf, Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

NERITA RETICULATA, Karsten, Mus. Lesk, 1789, p. 296, pl. 2, f. 8; v. Martens, Conch. Cab., II., 1889, p. 22, pl. 5, f. 1-4, King George's Sound; Hedley, Proc. Roy. Soc., Q'land., VI., 1890, p. 242. Cambridge Gulf.

NERITA SEMIRUGOSA, Recluz, Rev. Zool. 1841, p. 102; v. Martens, Conch. Cab., II., 1889, p. 31, pl. 1, f. 5-6, pl. 5, f. 6-9. King George's Sound.

NERITA UNDATA, Linne, Syst. Nat., X., 1758, p. 779; Tryon, Man. Conch.; X., 1888, p. 28, pl. 5, f. 86-95; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

THEODOXIS BACONI, Reeve.—*Neritina baconi*, Reeve, Conch. Icon., IX., 1856, pl. 28, f. 127. Swan River.

THEODOXIS CREPIDULARIA, Lamarek.—*Neritina crepidularia*, Lamarek, An. s. vert., VI., 1822, p. 186; von Martens, Conch. Cab., II., 1879, p. 37, pl. 7, f. 1-4; Smith, Journ. Linn. Soc. Zool., XVI., 1881, p. 297. Swan River.

THEOXODIS DRINGI, Recluz.—*Neritina dringi*, Recluz, Proc. Zool. Soc., 1845, p. 121; Sowerby, Thes. Conch., II., 1849, p. 521, pl. 115, f. 197, 198. Hanover Bay.

NAVICELLA ENTRECASTEAUII, Recluz, Rev. Zool. 1841, p. 380; Reeve, Conch. Icon., IX., 1856, pl. 8, f. 32; Gray, Proc. Zool. Soc., 1867, p. 999. King George's Sound (loc. doubtful).

Family—Helicinidae.

HELICINA WALKERI, Smith, Proc. Malac. Soc., I., 1894, p. 99, pl. 7, f. 26, Queen's, Baudin and Parry Islands; *Aphanoconia baudinensis*, Wagner, Conch. Cab., I., 1909, p. 217, pl. 43, f. 11-13.

Family—Acmaeidae.

PATELLOIDA ALTICOSTATA, Angas.—*Patella alticostata*, Angas, Proc. Zool. Soc., 1865, p. 56, pl. 2, f. 11; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 197. Esperance Bay, King George's Sound, Ellensbrook, Yallingup, Bunbury, Rottnest.

PATELLOIDA CALAMUS, Crosse and Fischer.—*Patella calamus*, Crosse and Fischer, Journ. de Conch. 1864, p. 348 and 1865, pl. 3, f. 7, 8; var *polyactina*, Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 199. King George's Sound, Yallingup, Bunbury, Geographe Bay, Cottesloe, Rottnest Island, and Geraldton.

PATELLOIDA CONOIDEA, Quoy and Gaimard, Zool. Astrolabe, III., 1834, p. 355, pl. 71, f. 5-7, King George's Sound. Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 198, Ellensbrook, Rottnest Island.

PATELLOIDA ELONGATA, Quoy and Gaimard, Zool. Astrolabe, III., 1834, p. 358, pl. 71, f. 12-14. King George's Sound.

PATELLOIDA MIXTA, Reeve.—*Patelloida flammea*, Quoy and Gaimard, Zool. Astrolabe, III., 1834, p. 354, pl. 71, f. 15, 16; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 198, King George's Sound, Ellensbrook, Yallingup, Bunbury, and Rottnest Islands; *P. mixta*, Reeve, Conch. Icon., VIII., 1855, pl. XXXIX., fig. 129; Hedley P.L.S. N.S.W., XXXIX., 1914, p. 713.

PATELLOIDA PATELLAVECTA, Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 195, pl. 15, f. 5-7. Cape Naturaliste, King George's Sound, Ellensbrook and Yallingup.

PATELLOIDA PUNCTATA, Quoy and Gaimard, Zool. Astrolabe, III., 1834, p. 365, pl. 71, f. 40-42; Verco, Trans. Roy. Soc., S.A., XXX., 1906, p. 214. King George's Sound.

PATELLOIDA SEPTIFORMIS, Quoy and Gaimard, Zool. Astrolabe, III., 1834, p. 362, pl. 71, f. 43-44. King George's Sound;

Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 199, Ellensbrook, Yallingup.

PATELLOIDA SACCHARINA, Linne.—*Patella s*, Syst. Nat., X., 1758, p. 751 ; Iredale, Proc. Zool. Soc., 1914, p. 670. Monte Bello Islands.

PATELLOIDA SUBUNDULATA, Angas, Proc. Zool. Soc., 1865, p. 155 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 199. Esperance Bay.

Family—*Patellidæ*.

PATELLA ACULEATA, Reeve, Conch. Icon., VII., 1855, pl. 32, f. 90 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 194. King George's Sound, Yallingup, Ellensbrook.

PATELLA AXIAERATA, Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 193, pl. 15, f. 3, 4. King George's Sound, Rottnest Island.

PATELLA COMPRESSA, Lamarck.—This African species is erroneously recorded by Quoy and Gaimard, Zool. Astrolabe, III., 1834, p. 338, from King George's Sound.

PATELLA CUPREA, Reeve.—This Hawaiian species is erroneously recorded by Reeve, Conch. Icon., VIII., 1854, p. 8, f. 15, from Swan River.

PATELLA HEPATICA, Pritchard and Gatliff, Proc. Roy. Soc., Vict., XV., 1903, p. 194 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 194. Esperance Bay, Albany, Yallingup, Bunbury.

PATELLA INSIGNIS, Menke, Moll. Nov. Holl., 1843, p. 34. W. Australia.

PATELLA GRANATINA, Linne.—Dr. von Martens, Jahrb. Malak. Gesell., I., 1874, p. 143, footnote, notes that Menke, Moll. Nov. Holl., 1843, p. 33, 34, erred in recording three African species, this, *P. granularis*, Linn, and *P. pectinata*, Linn, as W. Australian.

PATELLA NEGLECTA, Gray, King's Intertrop. Austr. II., 1826, pp. 156, 182, 492, King George's Sound ; *P. zebra*, Reeve, Conch. Icon., VIII., 1854, pl. 4, f. 7, Swan River ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 192, Esperance, Hopetoun, King George's Sound, Ellensbrook, Yallingup, Rottnest Island.

PATELLA ONYCHITIS, Menke, Moll. Nov. Holl., 1843, p. 34. W. Australia.

PATELLA PERONII, Blainville, Dict. Sc. Nat., XXXVIII., 1825 p. III. King George's Sound.

PATELLA STELLÆFORMIS, Reeve, Conch. Syst., II., 1842, p. 15, pl. 136, f. 3 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 194. Esperance Bay, Albany, Ellensbrook, Rottnest Island.

PATELLA USTULATA, Reeve, Conch. Icon., VIII., 1855, pl. 31, f. 88 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 193. Esperance Bay, King George's Sound, Ellensbrook, Yallingup, Bunbury.

CELLANA ILLABRATA, Verco, Trans. Roy. Soc., S.A., XXX., 1906, p. 205, pl. 10, f. 6-14, XXXVI., 1912, p. 192. King

George's Sound, Ellensbrook, Yallingup, Bunbury, Rottnest Island.

CELLANA LIMBATA, Philippi.—*Patella limbatus*, Philippi, *Abbild. Besch.*, III., 1849, p. 71, pl. 3, f. 2; Reeve, *Conch. Icon.*, VIII., 1854, pl. 13, f. 29. Signet (?Cygnet) Bay.

NACELLA CREBRISTRIATA, Verco, *Trans. Roy. Soc., S.A.*, XXVIII., 1904, p. 144, pl. 26, f. 20, 21; XXXVI., 1912, p. 195, King George's Sound, Yallingup, Rottnest; var. *roseoradiata*, Verco, *Trans. Roy. Soc., S.A.*, XXXVI., 1912, p. 195. Ellensbrook, Yallingup.

NACELLA STOWAE, Verco, *Trans. Roy. Soc., S.A.*, XXX., 1906, p. 209, pl. 10, f. 4, 5. King George's Sound, Bunbury, Rottnest.

PHENACOLEPAS ALBORADIATA, Verco, *Scutellina alboradiata*, Verco, *Trans. Roy. Soc., S.A.*, XXX., 1906, p. 217; XXXVI., 1912, p. 200. King George's Sound.

PHENACOLEPAS CALVA, Verco.—*Scutellina calva*, Verco, *Trans. Roy. Soc., S.A.*, XXX., 1906, p. 217, pl. 8, f. 9, 10; XXXVI., 1912, p., 199. King George's Sound.

ORDER—MONOTOCARDIA.

SUB-ORDER—TÆNIOGLOSSA.

Family—Paludinidæ.

VIVIPARA AMPULLARIOIDES, Reeve. *Paludina ampullarioides*, *Conch. Icon.*, XIV., 1863, pl. 6, f. 30; Smith, *Zool. Erebus and Terror*, 1874, p. 3, pl. 4, f. 19. Fitzroy River.

Family—Cyclophoridæ.

CYCLOPHORUS LIRICINCTUS, Benson.—*Cyclostoma liricinctus*, Benson, *Ann. Mag. Nat. Hist.*, XI., 1853, p. 106; Reeve, *Conch. Icon.*, XIII., 1861, pl. 20, f. 100. Swan River.

CYCLOPHORUS ORBICULATUS, Benson.—*Cyclostoma orbiculatus*, Benson, *Ann. Mag. Nat. Hist.*, XI., 1853, p. 106; Reeve, *Conch. Icon.*, XIII., 1861, pl. 20, f. 101. Swan River. It is probable that both these Cyclophori are exotic and erroneously referred to Australia.

Family—Littorinidæ.

MELARAPHE UNIFASCIATA, Gray, *Littorina unifasciata*, Gray, *Append. King's Intertrop. Austr.*, II., 1826 p. 483; *Littorina mauritiana*, Reeve, *Conch. Icon.*, X., 1857, pl. 17, f. 100; Verco, *Trans. Roy. Soc., S.A.*, XXXVI., 1912, p. 203. Geraldton.

MELARAPHE SCABRA, Linne.—*Helix scabra*, Linne, *Syst. Nat.*, X., 1758, p. 770; *Littorina articulata*, Philippi, *Abbild. Besch.* II., 1847, p. 223, pl. 5, f. 8-11. Swan Point.

MELARAPHE SULCULOSA, Philippi.—*Littorina sulculosa*, Philippi, Proc. Zool. Soc., 1845 (1846), p. 142 ; Abbild., Besch. III., 1847, p. 18, pl. 6, f. 10, Mangrove Island ; von Martens, Forsch. Gazelle, III., 1889, p. 193. Mermaid Strait.

MELARAPHE UNDULATA, Gray.—*Littorina undulata*, Gray, Zool. Beecheys Voy., 1839, p. 140 ; Reeve, Conch. Icon., X., 1857, pl. 13, f. 67 ; Angas, Proc. Zool. Soc., 1865, p. 172. King George's Sound.

TECTARIUS RUGOSUS, Menke.—*Littorina rugosa*., Menke, Moll. Nov. Holl., 1843, p. 9. Arthur's Head ; Reeve, Conch. Icon., X., 1857, pl. 7, f. 32 ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton.

PAGODUS BULLATUS, Martyn.—*Trochus bullatus*, Martyn, Univ., Conch., 1784, f. 38 ; *Littorina papillosa*, Lam., Phillipi, Abbild. Beschr., II., 1846, p. 140, pl. 2, f. 2-7. Point Swan. Queen's Islet (J. J. Walker in Brit. Mus).

BEMBICIUM MELANOSTOMA, Gmelin.—*Trochus melanostoma*, Gmelin, Syst. Nat., XIII., 1791, p. 3581 ; *Risella lutea*, Fischer, Coq. Viv. 1879, p. 463, pl. 38, f. 2. King George's Sound ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton.

Family—Planaxidae.

HINEA BRASILIANA, Lamarek.—*Buccinum brasilianum*, Lamarek, An. s. vert., VII., 1822, p. 272 ; Kiener, Coq. Viv., 1834, p. 70, pl. 18, f. 59 ; *Planaxis fulva*, A. Adams, Proc. Zool. Soc., 1851 (1853), p. 271. Swan River.

PLANAXIS SULCATUS, Born.—*Buccinum sulcatus*, Born, Test. Mus. Caes. Vindob., 1780, p. 256, pl. 10, f. 5, 6 ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton ; Swan Point (in Brit. Mus).

Family—Rissoidea.

RISSOINA CRASSA, Angas, Proc. Zool. Soc., 1871, p. 17, pl. 1, f. 16 ; Tate, Trans. Roy. Soc. S.A., XXIII., 1899, p. 243. King George's Sound.

RISSOINA FLEXUOSA, Gould, Proc. Bost. Soc. Nat. Hist., VII., 1861, p. 386 ; Sowerby, Conch. Icon., XX., 1878, pl. 11, f. 97 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

RISSOINA NIVEA, A. Adams, Proc. Zool. Soc., 1851 (1853), p. 265 ; Schwartz, Rissoiden, I., 1860, p. 47, pl. 2, f. 10 ; Tate, Trans. Roy. Soc., S.A., XXIII., 1899, p. 239. King George's Sound.

RISSOINA TOXOPLEURA, Tate.—*Rissoina lirata*, Angas, Proc. Zool. Soc., 1880, p. 417, pl. 40, f. 11 ; *Rissoina toxopleura*, Tate, Trans. Roy. Soc., S.A., XVII., 1893, p. 200. King George's Sound.

RISSOINA WALKERI, Smith, Conchologist, II., 1893, p. 98, text fig. Baudin Island.

ALVANIA NITENS, Frauenfeld. — *Setia nitens*. Frauenfeld, Novara Exped. Moll., 1867, p. 13, pl. 2, f. 22; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

ALVANIA NOVARIENSIS, Frauenfeld, Novara Moll., 1867, p. 11, pl. II., f. 16. Cottesloe (Henn).

AMPHITHALAMUS PETTERDI, Brazier.—*Rissoa petterdi*, Brazier, P.L.S., N.S.W., IX., 1895, p. 697; Tate & May, op. cit., XXVI., 1901, pl. 26, f. 73; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

EPIGRUS ISCHNUS, Tate, Trans. Roy. Soc., S.A., XXIII., 1899, p. 233; Hedley, Mem. Austr. Mus., IV., 1903, p. 356, f. 78. Cottesloe (Henn).

DIALA IMBRICATA, A. Adams.—*Alaba imbricata*, A. Adams, Ann. Mag. Nat. Hist., (3), X., 1862, p. 397; Hedley, P.L.S., N.S.W., XXXVIII., 1913, p. 287, pl. 18, f. 61; Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 137. King George's Sound.

DIALA LAUTA, A. Adams, Ann. Mag. Nat. Hist. (3), X., 1862, p. 298; Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 137. King George's Sound; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203, Geraldton; Hedley, P.L.S.N.S.W., XXXVIII., 1913, p. 286, pl. 18, f. 58.

DIALA MONILE, A. Adams.—*Alaba monile*, A. Adams, Ann. Mag. Nat. Hist., (3), X., 1862, p. 296; Hedley, P.L.S., N.S.W., XXX., 1906, p. 523, pl. 33, f. 36; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

DIALA PAGODULA, A. Adams.—*Alaba pagodula*, A. Adams, Ann. Mag. Nat. Hist., (3), X., 1862, p. 297; Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 137; Hedley, P.L.S., N.S.W., XXXVIII., 1913, p. 287, pl. 18, f. 60. King George's Sound.

ALABA VIBEX, A. Adams, Ann. Mag. Nat. Hist., (3), X., 1862, p. 296; Hedley, P.L.S., N.S.W., XXXVIII., 1913, p. 288, pl. 18, f. 62. Sharks Bay.

Family—Hydrobiidae.

ASSEMANIA (?) GRANUM, Menke.—*Paludina granum*, Menke, Moll. Nov. Holl., 1843, p. 8, Swan River; Philippi, Abbild. Besch., I., 1844, p. 118; *Paludina*, pl. 1, f. 16.

TATEA PREISSII, Philippi.—*Paludina acuta* (not *Draparnaud*), Menke, Moll. Nov. Holl., 1843, p. 8, Swan River; *P. preissii*, Philippi, Abbild. Besch., II., 1846, p. 137, pl. 2, f. 12; *Hydrobia p.*, von Martens, Arch. Naturg., XXIV., 1856, p. 185.

Family—Truncatellidae.

ACMEA MARGINATA, Kuster.—*Truncatella marginata*, Kuster, Conch. Cab., I., 1855, p. 12, pl. 2, f. 24–26; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton.

ACMEA SCALARINA, Cox.—*Truncatella scalarina*, Cox, Mon. Austr. Land Shells, 1868, p. 93, pl. 15, f. 10; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

COXIELLA STRIATULA, Menke.—*Truncatella, striatula*, Menke, Moll. Nov. Holl., 1843, p. 9; *Blanfordia pyrrhostoma*, Cox, Mon. Austr. Land Shells, 1868, p. 95, pl. 15, f. 14; Smith, Proc. Malac. Soc., III., 1898, p. 75. Esperance Bay, Sharks Bay, Cossack.

COXIELLA GILESI, Angas.—*Paludina gilesi*, Angas, Proc. Zool. Soc., 1877, p. 170, pl. 26, f. 2; var. *mamillata*, Smith, Proc. Malac. Soc., III., 1898, p. 76. Murchison.

Family—Hipponicidæ.

HIPPONIX ANTIQUATA, Linne.—*Patella antiquata*, Linne, Syst. Nat., XII., 1767, p. 1259; H. & A. Adams, Genera Rec. Moll., pl. 41, f. 3; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

HIPPONIX CONICUS, Schumacher.—*Amalthea conicus*, Schumacher, Essai, 1817, p. 81, pl. 21, f. 4; *H. australis*, Quoy & Gaim. not Lamarck, Zool. Astrolabe, III., 1835, p. 434, pl. 72, f. 25-34. King George's Sound; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

HIPPONIX BARBATUS, Sowerby, Thes. Conch., I., 1846, p. 369, pl. XIII., fig. 26, 27. Geraldton (Henn).

Family—Capulidæ.

CAPULUS CALYPTRA, Martyn.—*Patella calyptra*, Martyn, Univ. Conch., 1784, pl. 18; *Capulus subfuscus*, Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 137. King George's Sound; Hedley, "Endeavour" Results, 1911, p. 109.

CAPULUS INTORTUS, Lamarck, An. s. vert., VI., 1822, p. 18; Pease, Am. Journ. Conch., III., 1867, pl. 24, f. 2. Geraldton (Henn).

Family—Calyptræidæ.

CREPIDULA ACULEATA, Gmelin.—*Patella aculeata*, Gmelin, Syst. Nat., XIII., 1791, p. 3693; Reeve, Conch. Icon., XI., 1859, pl. 4, f. 22, 27; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

CREPIDULA CAPENSIS, Quoy & Gaimard, Zool. Astrolabe, III., 1835, p. 424, pl. 72, f. 13, 14. Sharks Bay.

CREPIDULA IMMERSA, Angas, Proc. Zool. Soc., 1865, p. 57, pl. 2, f. 12; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 207, Western Bight, 75 fath.

SIGAPATELLA CALYPTRÆFORMIS, Lamarck.—*Trochus*, An. s. vert., VII., 1822, p. 12; Quoy & Gaim., Astrolabe Zool., III., 1835, p. 419, pl. 72, f. 1-15. Cottesloc (Henn).

Family—Melaniidæ.

MELANIA AUSTRALIS, Lea, Proc. Zool. Soc., 1850, p. 185; Smith, Zool., Erebus & Terror, 1784, pl. 4, f. 3; Journ. Linn. Soc. Zool., XVI., 1881, p. 258. Swan River, Dampier's Archipelago.

Family—*Cerithiidae*.

CLAVA BITUBERCULATA, Sowerby.—*Cerithium semigranosum*, Lamarck, 1822, not *Cerithium semigranosum*, Lamarck, 1804; Kiener, Coq. Viv., 1842, p. 26, pl. 21, f. 2; *Vertagus bituberculata*. Sowerby, Conch. Icon., XV., 1865, pl. 4, f. 17; *C. cordigerum*, Bayle, Journ. de Conch., XXVIII., 1880, p. 249; Verco, Trans. Roy. Soc., S.A., XXXVI., 1812, p. 204. Geraldton, Irwin River.

CLAVA FASCIATA, Bruguiere.—*Cerithium*, Encycl. Meth. vers. (2), 1792, p. 474; Iredale, Proc. Zool. Soc., 1914, p. 666. Monte Bello Islands, Irwin River (Austr. Mus.).

CLAVA SINENSIS, Gmelin.—*Murex sinensis*, Gmelin, Syst. Nat., XIII., 1791, p. 3542; *Cerithium obeliseus*, Menke, Moll. Nov. Holl., 1843, p. 19; N.W. Australia. Sowerby, Conch. Icon, 1865, pl. 2, f. 7.

CERITHIUM ALUCO, Linne.—*Murex aluco*, Linne, Syst. Nat., X., 1758, p. 755; Sowerby, Conch. Icon., XV., 1865, pl. 1, f. 3; Menke, Moll., Nov. Holl., 1843, p. 19. N.W. Australia.

CERITHIUM CUMINGII, Sowerby, Thes. Conch., II., 1855, p. 850, pl. 176, f. 19. N.W. Australia (Austr. Museum).

CERITHIUM COLUMNA, Sowerby, Genera of Shells, II., 1834, pl. 204, f. 7; Menke, Moll. Nov. Holl., 1843, p. 19. W. Anstralia.

CERITHIUM ICARUS, Boyle, Journ. de Conch., 1880, p. 249; *Bittium variegatum*, Brazier, P.L.S.N.S.W., XIX., 1894, p. 172, pl. 14, fig. 9. Cottesloe (Henn).

CERITHIUM DORSUOSUM, Menke, Zeit. f. Malak., I., 1844, p. 60. W. Australia.

CERITHIUM NOVÆHOLLANDIÆ, Sowerby, Thes. Conch., II., 1855, p. 864, pl. 178, f. 54. West Australia (Dr. Cleland).

ATAXOCERITHIUM SEROTINUM, A. Adams, Thes. Conch., II., 1855, p. 861, p. 180, f. 102. Cottesloe (Henn).

PYRAZUS PALUSTRIS, Linne.—*Strombus palustris*, Linne, Syst. Nat., XII., 1767, p. 1213; Reeve, Conch. Icon., XV., 1865, pl. 1, f. 2; von Martens, Forsch. Gazelle, III., 1889, p. 193. Mermaid Strait.

PYRAZUS CINGULATUS, Gmelin.—*Murex cingulatus*, Gmelin, Syst. Nat. XIII., 1791, p. 3561; *Martini*, Conch. Cab., IV., pl. 157, f. 1492; von Martens, Forsch. Gazelle, III., 1889, p. 193. Mermaid Strait.

PYRAZUS SULCATUS, Born.—*Murex suleatus*, Born, Index Mus. Cæs. Vindob., 1778, p. 324; Reeve, Conch. Icon., XV., 1865, pl. 1, f. 1; von Martens, Forsch. Gazelle, III., 1889, p. 193. Mermaid Strait.

TELESCOPIUM TELESCOPIUM, Linne.—*Trochus telescopium*, Linne, Syst. Nat. X., 1758, p. 760; Reeve, Conch. Icon., XV., 1865, pl. 1; f. 1; von Martens, Forsch. Gazelle, III., 1889, p. 193. Mermaid Strait; Hedley, Proc. Roy. Soc., Queensland, VI., 1890, p. 241. Cambridge Gulf.

BITTIUM LAWLEYANUM, Crosse, Journ. de Conch., XI., 1863, p. 87, pl. 1, f. 4 ; Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 137. King George's Sound.

BITTIUM GRANARIUM, Kiener.—*Cerithium granarium*, Kiener, Coq. Viv., 1842, p. 72, pl. 19, f. 3 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

TRIPHORA AUREOVINCTA, Verco, Trans. Roy. Soc., S.A., XXXIV., 1910, p. 126. Rottneest Island (Verco).

TRIPHORA GRANIFERA, Brazier, P.L.S., N.S.W., XIX., 1894, p. 173, pl. 19, f. 10 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

PLESIOTROCHUS MONACHUS, Crosse & Fischer.—*Cerithium monachus*, Crosse & Fischer., Journ. de Conch., 1864, p. 347 ; 1865, p. 43, pl. 3, f. 17, 18 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

PLESIOTROCHUS PAGODIFORMIS, Hedley, P.L.S., N.S.W., XXXII., 1907, p. 498, pl. XVII., fig. 16. N.W. Australia (Austr. Museum).

BATILLARIA DIEMENENSE, Quoy & Gaim. — *Cerithium diemenense* Quoy & Gaim, Zool. Astrolabe, III., 1834, p. 128, pl. 55, f. 11-13 ; *C. turritella*, Menke, Moll. Nov. Holl., 1843 p. 19. N.W. Australia.

CERATOPTILUS LÆVIS, Quoy & Gaim.—*Cerithium lævie*, Quoy and Gaim., Zool. Astrolabe, III., 1834, p. 106, pl. 54, f. 1-3, King George's Sound ; Menke, Moll. Nov. Holl., 1843, p. 19. Garden Island ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton ; *C. truncatum*, Griffith & Pidgeon, Anim. Kingdom, XII., pl. 13, fig. 1. Irwin's Inlet (S. W. Jackson).

Family—Modulidae.

MODULUS TECTUS, Gmelin.—*Trochus tectus*, Gmelin, Syst. Nat., XIII., 1791, p. 3569 ; *M. candidus*, Petit, Journ. de Conch., IV., 1853, p. 136, pl. 5, f. 11 ; *M. disculus*, Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton, Monte Bello Islands (in Brit. Museum).

Family—Turritellidae.

TURRITELLA TEREBRA, Linnæ.—*Turbo terebra*, Linn, Syst. Nat., X., 1758, p. 766 ; Mawe, Conchology, 1823, pl. 28, f. 3 ; Hedley, Proc. Roy. Soc., Q'land., VI., 1890, p. 242. Cambridge Gulf.

TURRITELLA RUNCINATA, Watson, Chall. Zool. XV., 1886, p. 475, pl. XXX., f. 3 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 208. Western Bight.

Family—Vermetidae.

VERMICULARIA FLAVA, Verco, Trans. Roy. Soc., S.A., XXXI., 1907, p. 214, text fig. 1 ; XXXVI., 1912, p. 208. Western Bight 100 fath.

VERMICULARIA NOVÆHOLLANDIÆ, Rousscau.—*Vermetus, novæ-hollandiæ*, Chenu, Conch. 1843, Illusts., pl. 1, f. 4. Swan River (Brit. Museum).

SILIQUARIA ANGUINA, Linne.—*Serpula anguina*, Linne, Syst. Nat., X., 1758, p. 787; *Siliquaria anguina*, Sowerby, Conch. Icon., XX., 1878, pl. 2, f. 6; von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Straits; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912 p. 209. Western Bight, 100 fath.

SILIQUARIA PONDEROSA, Morch.—*Tenagodes ponderosa*, Morch, Proc. Zool. Soc., 1860, p. 409; Sowerby, Conch. Icon., XX., 1878, pl 2, f. 3; Hedley, Proc. Roy. Soc., Q'land, VI., 1890, p. 241. Cambridge Gulf.

SILIQUARIA WELDII, Tenison Woods.—*Tenagodes weldii*, Ten. Woods, Proc. Roy. Soc., Tasm., 1875 (1876), p. 144; Tryon, Man. Conch., VIII., 1886, p. 191, pl. 48, f. 28; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, pp. 204, 209. Geraldton and Western Bight, 100 fath.

SERPULUS SIPHO, Lamarck, An. s. vert., V., 1818, p. 367; *Vermetus arenarius*, Quoy & Gaim, Zool. Astrolabe, III., 1834, p. 289, pl. 67, f. 8-19. King George's Sound; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

Family—Ianthinidæ.

IANTHINA IANTHINA, Linne.—*Helix ianthina*, Linn. Syst. Nat., X., 1758, p. 1246; Woodward's Manual, 1866, p. 271, f. 117; *I. communis*, Menke, Moll. Nov. Holl., 1843, p. 11. Fremantle.

Family—Naricidæ.

VANIKORO EXPANSA, Sowerby, Journ. Malac., VIII., 1901, p. 102, pl. 9, f. 3. North-West Australia.

VANIKORO LIGATA, Recluz.—*Narica ligata*, Recluz, Proc. Zool. Soc., 1843 (1844), p. 138; Recluz, Mag. de Zool., 1845, p. 22, pl. 121, f. 2; Holothuria Banks, 15 fath. (Brit. Museum).

Family—Strombidæ.

STROMBUS ARATUM, Martyn.—*Alata aratum*, Martyn, Univ. Conch., 1789, f. 1; *Strombus melanostomus*, Menke, Moll. Nov. Holl., 1843, p. 26. North-West Australia.

STROMBUS AUSTRALIS, Gray, King's Intertropical Austr., II., 1826, p. 489; Sowerby, Thes. Conch., I., 1842, p. 36, pl. 9, f. 96, 97; Brazier, P.L.S.N.S.W., X., 1886, p. 87, Nicol Bay and Rowley Shoals.

STROMBUS CAMPBELLI, Griffiths & Pidgeon, Cuvier Anim. Kingdom, XII., 1834, p. 600, pl. 25, f. 6; Hedley, Proc. Roy. Soc., Qld., VI., 1890, p. 241. Cambridge Gulf.

STROMBUS DENTATUS, Linne, Syst. Nat., X., 1758, p. 745; Sowerby, Thes. Conch. I., 1842, pl. 7, f. 43, 48; Hedley, Proc. Roy. Soc. Queensland, VI., 1890, p. 241. Cambridge Gulf, Torres Island. (Brit. Museum).

STROMBUS LAMARCKII, Sowerby, Thes. Conch., I., 1842, p. 35, pl. 9, f. 88, 99; Menke, Moll. Nov. Holl., 1843, p. 26. North-West Australia.

STROMBUS LUHUANUS, Linne, Syst. Nat., X., 1758, p. 744; Sowerby, Thes. Conch., I., 1842, pl. 7, f. 54; Menke, Moll. Nov. Holl., 1843, p. 27. West Australia.

STROMBUS LENTIGINOSUS, Linne, Syst. Nat., X., 1758, p. 743; Sowerby, Thes. Conch., I., 1842, p. 37, pl. 8, f. 79; Menke, Moll. Nov. Holl., 1843, p. 26. West Australia.

STROMBUS MINIMUS, Bolten.—*Lambis minimus*, Bolten, Mus. Bolt., (2), 1798, p. 65; Chemnitz Conch. Cab., X., 1788, pl. 156, f. 1491, 1492; *S. turritus*, von Martens, Forsch. Gazelle, III., 1889, p. 194, Mermaid Straits, 4 fath.

STROMBUS URCEUS, Linne, Syst. Nat., X., 1758, p. 745; *S. floridus*, Sowerby, Thes. Conch., I., 1842, pl. 7, f. 45; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

STROMBUS VITTATUS, Linne, Syst. Nat., X., 1758, p. 745; Sowerby, Thes. Conch., I., 1842, p. 26, pl. 6, f. 27, 31; Menke, Moll. Nov. Holl., 1843, p. 27. West Australia.

PTEROCERA LAMBIS, Linne.—*Strombus lambis*, Linn., Syst. Nat., X., 1758, p. 743; Sowerby, Thes. Conch. I., 1842, p. 41, pl. 11, f. 5; Menke, Moll. Nov. Holl., 1843, p. 27. West Australia.

Family—Scalariidæ.

EPITONIUM ACULEATUM, Sowerby.—*Scalaria aculeata*, Sowerby, Thes. Conch., I., 1844, p. 86, pl. 32, f. 35-37; Verco, Trans. Roy. S.A., XXXVI., 1912, p. 203. Geraldton.

EPITONIUM ACUMINATUM, Sowerby.—*Scalaria acuminata*, Sowerby, Thes. Conch., I., 1844, p. 106, pl. 35, f. 130; Brazier, P.L.S., N.S.W., IX., 1884, p. 797. Cossack.

EPITONIUM AUSTRALE, Lamarck.—*Scalaria australis*, Lamarck, An. s. vert., VI., 1822, p. 228; Sowerby Thes. Conch., I., 1844, p. 103, pl. 35, f. 135. Swan River.

EPITONIUM CONFUSUM, Smith.—*Scalaria confusa*, Smith, Proc. Zool. Soc. 1890, p. 273. West Australia. 92 bis., pl. 33. *S. turricula partim*, Sowerby, Thes. Conch. I., 1844, p. 92, bis., pl. 33, f. 61.

EPITONIUM COSTULATUM, Kiener.—*Scalaria costulata*, Kiener, Coq. Viv., 1839, p. 5, pl. 2, f. 4; Menke, Moll. Nov. Holl., 1843, p. 18. West Australia.

EPITONIUM FRIABLE, Sowerby.—*Scalaria friabilis*, Sowerby, Thes. Conch., I., 1844, p. 95, pl. 33, f. 74. Swan River.

EPITONIUM GRANOSUM, Quoy & Gaim.—*Turritella granosa*, Quoy & Gaim., Zool. Astrolabe, III., 1834, p. 138, pl. 35, f. 29, 30. King George's Sound; *Scalaria granulosa*, Sowerby, Thes. Conch., I., 1844, p. 104, pl. 35, f. 144. Swan River.

EPITONIUM IMPERIALE, Sowerby.—*Scalaria imperialis*, Sowerby, Thes. Conch., I., 1844, p. 91, pl. 33, f. 56, 57. Swan River.

EPITONIUM JUKESIANUM, Forbes.—*Scalaria jukesiana* Forbes, Voy. "Rattlesnake," II., 1852, p. 383, pl. 3, f. 7; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton.

EPITONIUM PHILIPPINARUM, Sowerby.—*Scalaria philippinarum*, Sowerby, Thes. Conch., I., 1844, p. 86, pl. 32, f. 1-3; Brazier, P.L.S., N.S.W., IX., 1884, p. 797. Cossack.

MESALIA MELANTOIDES, Reeve, Conch. Icon. V., 1849, pl. 1., fig. 3; *Mesalia exilis*, Sowerby, Ann. Mag. Nat. Hist. XII., p. 236, pl. III., f. 9. West Australia. Smith, op. cit., XV., 1915, p. 370.

CROSSEA LABIATA, Tenison Woods, Proc. Roy. Soc., Tasm., 1875 (1876), p. 151; Hedley, P.L.S., N.S.W., XXV., 1900, p. 500, pl. 26, f. 18; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

Family—Pyramidellidae.

PYRAMIDELLA TURRITA, Adams, Thes. Conch., II., 1854, p. 807, pl. 171, f. 17. Abrolhos.

TURBONILLA FUSCA, Adams.—*Chemnitzia fusea*, Adams, Proc. Zool. Soc., 1853 (1855), p. 181; *Turbonilla erubescens*, Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 138, pl. 5, f. 10. King George's Sound.

TURBONILLA HOFMANI, Angas.—*Turbonilla nitida*, Angas (not Adams), Proc. Zool. Soc., 1867, p. 112, pl. 13, f. 9; *Turbonilla hofmani*, Angas, Proc. Zool. Soc., 1877, p. 183; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

CINGULINA SPINA, Crosse & Fischer.—*Turritella spina*, Crosse & Fischer, Jour. de Conch., XII., 1864, p. 347; XIII., 1865, p. 44, pl. 3, f. 13-14; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton.

SYRNOLA TINCTA, Angas, Proc. Zool. Soc., 1871, p. 15, pl. 1, f. 11; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

ODOSTOMIA PUPAEFORMIS, Souverbio.—*Pyramidella pupaeformis*, Souverbie, Journ. de Conch., XIII., 1865, p. 152, pl. 5, f. 4; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

ODOSTOMIA SIMPLEX, Angas, Proc. Zool. Soc. 1871, p. 15, pl. 1, f. 10; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 203. Geraldton.

ODOSTOMIA VINCENTINA, Tryon, Man. Conch., VIII., 1886, p. 362, pl. 79, f. 72; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

OSCILLA TASMANICA, Tenison Woods.—*Parthenia tasmanica*, T. Woods, Proc. Roy. Soc., Tasmania, 1876 (1877), p. 150; *Oscilla ligata*, Angas, Proc. Zool. Soc. 1877, p. 173, pl. 26, f. 11; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

Family—Strombiformidæ.

EULIMA MONTAGUEANA, Iredale, Proc. Zool. Soc., 1914, p. 672, figs. A. B. Monte Bello Islands.

STROMBIFORMIS MONTEBELLOENSIS, Iredale, Proc. Zool. Soc., 1914, p. 673, fig. C. Monte Bello Islands.

Family—Architectonicidæ.

ARCHITECTONICA PERDIX, Hinds.—*Solarium perdix*, Hinds, Proc. Zool. Soc., 1844, p. 22; Hanley, Thes. Conch., III., 1863, p. 233, pl. 251, f. 17, 18. N.W. Australia.

Family—Cymatidæ.

CHARONIA LAMPAS LINNE VAR. EUCLIA, Hedley, Zool. Results "Endeavour," II., 1914, p. 65, pl. VIII., fig. 1. Western Bight, 100 fath.

CHARONIA AUSTRALASIA, Perry.—*Biplex australasia*, Perry, Conchology, 1811, pl. 4, f. 2, 4; Quoy & Gaim., Zool. Astrolabe, II., 1833, p. 546, pl. 40, f. 3, 4. King George's Sound; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 220. Western Bight, 100 fath.

CYMATIUM AQUATILE, Reeve, Triton, Conch. Icon. II., 1844, pl. VII., f. 24; Iredale, Proc. Zool. Soc., 1844, p. 666. Monte Bello Islands.

CYMATIUM AUSTRALASIÆ, Perry, Monoplex, Conchology, 1811, pl. 3, f. 3; Hedley, P.L.S., N.S.W., XXXIX., 1914, p. 719. Western Bight.

CYMATIUM CANALIFERUM, Lamarck.—*Triton canaliferum*, Lamarck, An. s. vert., VII., 1822, p. 184; Kiener, Coq. Viv., 1842, p. 5, pl. 13, f. 2. N.W. Australia (Brit. Museum).

CYMATIUM EXARATUM, Reeve.—*Triton exaratum*, Reeve, Conch. Icon., II., 1844, pl. 13, f. 50. Exmouth Gulf (Brit. Museum).

CYMATIUM LABIOSUM, Wood.—*Triton labiosum*, Wood, Indox Test. Suppl., 1828, pl. 5, f. 18; Reeve, Conch. Icon., II., 1844, pl. 14, f. 52, West Australia; var. *rutilum*, Menke Moll. Nov. Holl. Spm. 1843, p. 25, Cottesloo (Henn).

CYMATIUM QUOYI, Reeve.—*Triton quoyi*, Reeve, Conch. Icon., II., 1844, pl. 19, f. 93. Irwin River (Australian Museum).

CYMATIUM SUBDISTORTUM, Lamarck.—*Triton subdistortum*, Lamarck, An. s. vert., VII., 1822, p. 186; Reeve, Conch. Icon., II., 1844, pl. 1, f. 2. King George's Sound.

CYMATIUM TABULATUM, Menke.—*Triton tabulatum*, Menke, Moll. Nov. Holl., 1843, p. 25. West Australia.

CYMATIUM TUBEROSUM, Lamarck.—*Triton tuberosum*, Lamarck, An. s. vert., VII., 1822, p. 185; Reeve, Conch. Icon., II., 1844, pl. 1, f. 1. Irwin River (Austr. Museum).

CYMATIUM VESPACEUM, Lamarck.—*Triton vespaceum*, Lamarck, An. s. vert., VII., 1822, p. 185; Kiener, Coq. Viv., 1842, p. 18, pl. 3, f. 2; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 218, Western Bight, 100 fath. Roebuck Bay (Brit. Museum).

CYMATIUM VERRUCOSUM, Reeve.—*Triton verrucosum*, Reeve, Conch. Icon., II., 1844, pl. 17, f. 71; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 218. Western Bight, 100 fath.

ARGOBUCCINUM TUMIDUM, Dunker.—*Ranella tumidum*, Dunker, Proc. Zool. Soc., 1862, p. 239; *Bursa tumidum*, Dunker, Nov. Conch., 1864, p. 56, pl. 18, f. 8, 9; *Ranella vexillum*, Menko, Moll. Nov. Holl., 1843, p. 24. West Australia.

BURSA GRANULARIS, Bolten.—*Tritonium granulare*, Bolten, Mus. Bolt. (2), 1798, p. 127; *Ranella granifera*, Menko, Moll. Nov. Holl., 1843, p. 24, West Australia; Reeve, Conch. Icon., II., 1844, pl. 6, f. 30, Abrolhos. (Austr. Museum).

GYRINEUM RANELLOIDES, Reeve.—*Triton ranelloides*, Reeve, Conch. Icon. I., 1844, pl. 3, f. 10; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 219. Western Bight, 100 fath.

Family—Cassidae.

CASSIDEA ADCOCKI, Sowerby.—*Cassis adcocki*, Sowerby, Proc. Malac. Soc., II., 1896, p. 14, text fig.; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 217. Western Bight, 100 fath.

CASSIDEA PAUCIRUGIS, Menke.—*Cassis paucirugis*, Menko, Moll. Nov. Holl., 1843, p. 23, West Australia; Reeve, Conch. Icon., V., 1848, pl. 8, f. 19.

CASSIDEA PYRUM, Lamarck.—*Cassis pyrum*, Lamarck, An. s. vert., VII., 1822, p. 226; Kiener, Coq. Viv., 1835, p. 39, pl. 13, f. 25; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 217. Western Bight, 100 fath.

CASSIDEA SEMIGRANOSA, Lamarck.—*Cassis semigranosa*, Lamarck, An. s. vert., VII., 1822, p. 228; Kiener, Coq. Viv., 1835, p. 36, pl. 14, f. 29; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 217. Western Bight, 100 fath.

CASSIS FIMBRIATA, Quoy & Gaimard, Zool. Astrolabe, II., 1833, p. 596, pl. 43, f. 7, 8; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 216. Western Bight, 100 fath.

Family—Tonnidæ.

TONNA KIENERI, Philippi.—*Dolium kieneri*, Philippi, Abbild. Besch., III., 1847, p. 36. Exmouth Gulf (Brit. Museum); Kiener Coq. Viv., pl. 2, f. 3.

TONNA PERDIX, Linne.—*Buccinum perlix*, Linn. Syst. Nat., X., 1758, p. 734; Quoy & Gaimard, Zool. Astrolabe, II., 1833, p. 598, pl. 41, f. 1, f. 8. Dirk Hartog.

TONNA VARIEGATA, Lamarck.—*Dolium variegata*, Lamarck, An. s. vert., VII., 1822, p. 261; Philippi, Abbild. Besch., III., 1847, p. 36, pl. 1, f. 2, Sharks Bay; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, pp. 204, 216. Geraldton, Western Bight, 100 fath.

MALEA POMUM, Linne.—*Buccinum pomum*, Linn. Syst. Nat., X., 1758, p. 735; Menke, Moll. Nov. Holl., 1843, p. 22, W. Australia; Reeve, Conch. Icon. V., 1848, pl. 4, f. 6, Abrolhos (Austr. Museum).

· **FIGUS TESSELLATUS**, Kobelt.—*Ficula tessellatus*, Kobelt, Conch. Cab., III., 1881, p. 12, pl. 2, f. 3; Smith, Journ. Malac., III., 1894, p. 69, Swan River, Dampier Archipelago; Brazier, P.L.S., N.S.W., IX., 1884, p. 796, Cossack; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 218, Western Bight, 100 fath.

Family—Naticidæ.

NATICA ALBULA, Bolten.—*Cochlis albula*, Bolten, Mus. Bolt. (2), 1798, p. 146; *Natica globosa*, Reeve, Conch. Icon., IX., 1853, pl. 11, f. 46; Brazier, P.L.S., N.S.W., IX., 1884, p. 796. Cossack.

NATICA EUZONA, Recluz Journ. de Conch., I., 1850, pl. 14, f. 3. Torres Island, N. W. Australia (Brit. Museum).

NATICA MICROSTOMA, Quoy & Gaimard, Zool. Astrolabe, II., 1832, p. 232, pl. 66, f. 9. King George's Sound. Jay. Cat. shells (4) 1850, p. 293.

NATICA COLLIEI, Recluz, Proc. Zool. Soc., 1843 (1844), p. 206, Swan River; Reeve, Conch. Icon., IX., 1855, pl. 24, f. 112; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203, Geraldton; ? *Natica sertata*, Menke, Moll. Nov. Holl., 1843, p. 10. W.A.

NATICA ROBILLARDI, Sowerby, var. *ren* Preston.—*Natica ren*, Preston, Proc. Malac. Soc., XI., 1914, p. 14, fig. *Natica robillardii*, Sowerby, Proc. Malac. Soc., I., 1894, p. 43, pl. 4, f. 12. Monte Bello Islands.

NATICA SOLIDA, Blainville, Man. Malac., 1827, pl. 36, bis., f. 8; Brazier, P.L.S., N.S.W., IX., 1884, p. 797, Cossack; Torres and Gartier Islands. (Brit. Museum).

NATICA VITELLUS, Linne, Syst. Nat. X., 1758, p. 776; Hedley, P.L.S., N.S.W., XXXVIII., 1913, p. 299; Iredale, Proc. Zool. Soc. 1914, p. 674, Monte Bello Islands.

NATICA TIGRINA, Bolten.—*Cochlis tigrina*, Bolten, Mus. Bolt. (2), 1798, p. 147; Sowerby, Thes. Conch., V., 1883, p. 81, pl. 460, f. 83. Swan River.

POLINICES CONICUS, Lamarek.—*Natica conica*, Lamarek, An. s. vert., VI., 1822, p. 198; *Natica pyramis*, Reeve, Conch. Icon., IX., 1855, pl. 21, f. 93, Swan River; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203, Geraldton.

POLINICES FILOSUS, Reeve.—*Natica filosa*, Reeve, Conch. Icon., IX., 1855, pl. 17, f. 72. West Australia (Australian Museum).

POLINICES GRUNERIANUS, Philippi. — *Natica grunerianus*, Philippi, Conch. Cab., III., 1852, p. 47, pl. 7, f. 6; Brazier, P.L.S., N.S.W., IX., 1884, p. 797. Cossack.

POLINICES INCEI, Philippi.—*Natica incei*, Philippi, Proc. Zool. Soc., 1851 (1853), p. 233; *N. baconi*, Reeve, Conch. Icon., IX., 1855, pl. 10, f. 37. Swan River.

POLINICES JUKESEI, Reeve.—*Natica jukesii*, Reeve, Conch. Icon., IX., 1855, pl. 19, f. 84; Brazier, P.L.S., N.S.W., IX., 1884, p. 797. Cossack.

POLINICES, MAMMILA, Linne.—*Nerita mammila*, Linne, Syst. Nat., X., 1758, p. 776 ; *N. pyriformis*, Reeve, Conch. Icon., IX., 1855, pl. 5, f. 16. Swan River.

POLINICES MELANOSTOMA, Gmelin.—*Nerita melanostoma*, Gmelin, Syst. Nat., XIII., 1791, p. 3674 ; Reeve, Conch. Icon., IX., 1855, pl. 8, f. 30. Shark Bay (Australian Museum).

POLINICES PLUMBEA, Lamarek.—*Natica plumbea*, An. s. vert., VI., 1822, p. 198 ; Quoy & Gaimard, Zool. Astrolabe, II., 1832, p. 321, pl. 66, f. 13–15. King George's Sound.

SINUM ZONALE, Quoy & Gaimard.—*Cryptosoma zonale*, Quoy and Gaim., Zool. Astrolabe, II., 1832, p. 221, pl. 66 bis, f. 1–3. King George's Sound.

EUNATICINA PAPILLA, Gmelin.—*Nerita papilla*, Gmelin, Syst. Nat., XIII., 1791, p. 3675 ; Tryon, Man. Conch., VIII., 1886, p. 58, pl. 25, f. 78, 79, 87, 88 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 203. Geraldton.

Family—Lamellaridæ.

MARSENIOPSIS CONTUSIFORMIS, Basedow.—*Caledoniella contusiformis*, Basedow, Trans. Roy. Soc., S.A., XXIX., 1905, p. 183, pl. 27–29, f. 1 ; Verco, op. cit., XXXVI., 1912, p. 207. Western Bight, 100 fath.

Family—Cypræidæ.

CYPRÆA ANNULUS, Linne, Syst. Nat., 1758, p. 723 ; Menke, Moll. Nov. Holl., 1843, p. 30. West Australia ; Sowerby, Thes. Conch., IV., 1870, pl. 26, f. 252–3.

CYPRÆA ARABICA, Linne, Syst. Nat., X., 1758, p. 718 ; Sowerby, Thes. Conch., IV., 1870, pl. 10, f. 59–61 ; Menke, Moll. Nov. Holl., 1843, p. 29. West Australia.

CYPRÆA CAPUTSERPENTIS, Linne, Syst. Nat., X., 1758, p. 720 ; Sowerby, Thes. Conch., IV., 1870, pl. 12, f. 72, 73 ; Menke, Moll. Nov. Holl., 1843, p. 29. Garden and Carnac Islands ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton ; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Islands.

CYPRÆA CARNEOLA, Linne, Syst. Nat., X., 1758, p. 719 ; Sowerby, Thes. Conch., IV., 1870, pl. 3, f. 11 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

CYPRÆA CAURICA, Linne, Syst. Nat., X., 1758, p. 723 ; Sowerby, Thes. Conch., IV., 1870, pl. 23, f. 188–193 ; Menke, Moll. Nov. Holl., 1843, p. 30. W. Australia ; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Islands.

CYPRÆA CITRINA, Gray, Zool. Journ., I., 1824, p. 509 ; Sowerby, Thes. Conch., IV., 1870, pl. 25, f. 218–9 ; Brazier, P.L.S., N.S.W., VII., 1882, p. 322, Rowley Shoals.

CYPRÆA COXI, Brazier, Proc. Zool. Soc., 1872, p. 617, pl. 44, f. 3. Depuch Island.

CYPRÆA CYLINDRICA, Born, Index Mus. Cæs. Vind., 1778, p. 169 ; Sowerby, Thes. Conch., IV., 1870, pl. 27, f. 266–268 ; Brazier,

P.L.S., N.S.W., VII., 1882, p. 322. Rowley Shoals ; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Islands.

CYPRÆA DECIPIENS, Smith, Proc. Zool. Soc., 1880, p. 482, pl. 48, f. 8 ; 1881, p. 558. Port Walcott.

CYPRÆA EROSA, Linne, Syst. Nat., X., 1758, p. 723 ; Sowerby, Thes. Conch., IV., 1870, pl. 18, f. 110-115 ; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Islands.

CYPRÆA ERRONES, Linne, Syst. Nat., X., 1758, p. 723 ; Sowerby, Thes. Conch. IV., 1870, pl. 20, f. 156-8 ; Menke, Moll. Nov. Holl., 1843, p. 30, W. Australia ; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Islands.

CYPRÆA FALLAX, Smith, Ann. Mag. Nat. Hist., (5), VIII., 1881, p. 441. W. Australia ; Hidalgo, Monog. Cypræa, 1907, p. 324.

CYPRÆA FRIENDII, Gray, Zool. Miscell., 1831, p. 29 ; *C. scotti*, Reeve, Conch. Icon., III., 1845, pl. 4, f. 10. Swan River.

CYPRÆA HELVOLA, Linne, Syst. Nat., X., 1758, p. 724 ; Sowerby, Thes. Conch., IV., 1870, pl. 25, f. 214-7 ; Brazier, P.L.S., N.S.W., VII., 1882, p. 322. Rowley Shoals.

CYPRÆA IRVINÆ, Cox, P.L.S., N.S.W., IV., (2), 1900, p. 659, pl. 19, f. 7-9. Cape Naturaliste.

CYPRÆA ISABELLA, Linne, Syst. Nat., X., 1758, p. 722 ; Sowerby, Thes. Conch., IV., 1870, pl. 4, f. 16-18 ; Menke, Moll. Nov. Holl., 1843, p. 29. W. Australia.

CYPRÆA LUTEA, Gronovius, Zoophylac., III., 1781, p. 5, pl. 19, f. 17 ; Brazier, Proc. Zool. Soc., 1872, p. 84. Nicol Bay.

CYPRÆA LYNX, Linne, Syst. Nat., X., 1758, p. 721 ; Reeve, Conch. Icon., III., 1845, pl. 9, f. 33 ; Menke, Moll. Nov. Holl., 1843, p. 28. W. Australia.

CYPRÆA MAURITIANA, Linne, Syst. Nat., X., 1758, p. 721 ; Sowerby, Thes. Conch., IV., 1870, pl. 9, f. 51-2 ; Brazier, P.L.S., N.S.W., VII., 1882, p. 322. Rowley Shoals.

CYPRÆA MONETA, Linne, Syst. Nat. X., 1758, p. 723 ; Sowerby, Thes. Conch., IV., 1870, pl. 26, f. 244-251 ; Menke, Moll. Nov. Holl., 1843, p. 30. W. Australia ; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Islands.

CYPRÆA PIPERITA, Gray, Zool. Journ., I., 1825, p. 498 ; Reeve, Conch. Icon., III., 1846, pl. 17, f. 87 ; Menke, Moll. Nov. Holl., 1843, p. 30. W. Australia.

CYPRÆA PULICARIA, Reeve, Conch. Icon., III., 1846, pl. 17, f. 84 ; Hidalgo, Mon. Cyp., Viv., 1907, p. 480. Geographe Bay ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 210. Western Bight, 100 fath.

CYPRÆA REEVEI, Sowerby, Conch., Illustr., Cypræa, 1832, f. 52 ; Reeve, Conch. Icon., III., 1845, pl. 11, f. 41, Garden Island ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 210. King George's Sound, Western Bight, 100 fath.

CYPRÆA RETICULATA, Martyn, Univ. Conch., 1784, pl. 15 ; Brazier, P.L.S., N.S.W., VII., 1882, p. 322. Rowley Shoals.

CYPRÆA SCURRA, Gmelin, Syst. Nat., XIII., 1791, p. 3409 ; Sowerby, Thes. Conch., IV., 1870, pl. 9, f. 53-56 ; Menke, Moll. Nov. Holl., 1843, p. 29. W. Australia.

CYPRÆA SUBCYLINDRICA, Sowerby, Thes. Conch., IV., 1870, p. 21, pl. 27, f. 269, 270 ; Brazier, P.L.S., N.S.W., VII., 1882, p. 322. Rowley Shoals.

CYPRÆA SUBVIRIDIS, Reeve, Conch. Icon., III., 1845, pl. 12, f. 48. Depuch Island ; Brazier, Journ. of Conch., II., 1879, p. 321. Nicol Bay.

CYPRÆA THERSITES, Gaskoin, Proc. Zool. Soc., 1848, p. 90 ; Sowerby, Thes. Conch., IV., 1870, pl. 8, f. 49-50 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 209. Western Bight, 100 fath.

CYPRÆA TIGRIS, Linne, Syst. Nat., X., 1758, p. 721 ; Sowerby, Thes. Conch., IV., 1870, pl. 21, f. 172, 175 ; Menke, Moll. Nov. Holl., 1843, p. 28. West Australia.

CYPRÆA UMBILICATA, var. ARMENIACA, Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 211, pl. 10. Western Bight, 100 fath.

CYPRÆA VINOSA, Gmelin, Syst. Nat., XIII., 1791, p. 3421 ; *C. pantherina*, Sowerby, Thes. Conch. IV., 1870, pl. 11, f. 69-71 ; Brazier, P.L.S., N.S.W., VII., 1887, p. 322. Rowley Shoals.

CYPRÆA VITELLUS, Linne, Syst. Nat., X., 1758, p. 721 ; Sowerby, Thes. Conch., IV., 1870, pl. 6, f. 31-33 ; Menke, Moll. Nov. Holl., 1843, p. 29. W. Australia.

CYPRÆA VENUSTA, Sowerby, Ann. Mag. Nat. Hist., XIX., 1847, p. 346 ; Cox, P.L.S., N.S.W., IV., 1889, p. 187, pl. 15, f. 1, 2. Cape Naturaliste ; *C. thatcheri*, Cox, Proc. Zool. Soc., 1869, p. 358, pl. 26, f. 1. Dampier's Archipelago.

CYPRÆA WILHELMINA, Kenyon, P.L.S., N.S.W., XXII., 1897, p. 145. West Australia.

TRIVIA AUSTRALIS, Lamarck.—*Cypræa australis*, Lamarck, An. s. vert., VII., 1822, p. 404 ; Reeve, Conch. Icon., III., 1846, pl. 24, f. 138 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 215, Western Bight, 80 fath.

TRIVIA GLOBULUS, Linne.—*Cypræa globulus*, Linne, Syst. Nat., X., 1758, p. 725 ; Sowerby, Thes. Conch., IV., 1870, p. 41, pl. 322, f. 347-8. West Australia (Austr. Museum).

TRIVIA NAPOLINA, Kiener.—*Cypræa napolina*, Kiener, Coq. Viv., 1845, p. 144, pl. 53, f. 3 ; *C. obscura*, Gaskoin, Proc. Zool. Soc., 1848 (1849), p. 94. Abrolhos and Depuch Islands.

OVULUM DEPRESSUM, Sowerby, Proc. Zool. Soc., 1875, p. 128, pl. 24, f. 1. North-West Australia.

OVULUM HAYNESI, Sowerby, Journ. Linn. Soc. Zool., XX., 1889, p. 397, pl. 25, f. 1, 2. Exmouth Gulf.

OVULUM PHILIPPINARUM, Sowerby, Proc. Zool. Soc., 1848, p. 136 ; Thes. Conch., II., 1855, p. 481, pl. 100, f. 57, 58 ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 216. Western Bight, 72 fath.

SUB-ORDER—STENOGLOSSA.

Family—*Volutidæ*.

ERICUSA FULGETRUM, Sowerby.—*Voluta fulgetrum*, Sowerby, Tank. Cat., 1825, p. 81, pl. 4, 5; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 222, pl. 11, 12. Western Bight, 100 fath.

ERICUSA PAPILLOSA, Swainson.—*Voluta papillosa*, Swainson, App. Bligh Cat., 1822; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 228, pl. 14, f. 1-3. Western Bight, 100 fath.

LIVONIA ROADNIGHTÆ, McCoy.—*Voluta roadnightæ*, McCoy, Ann. Mag. Nat. Hist., 1881, 5. (VIII.), p. 89, pl. 7, f. 1, 2; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 226. Western Bight, 100 fath.

CYMBIOLA CONIFORMIS, Cox.—*Voluta coniformis*, Journ. de Conch., XIX., 1871, p. 74, pl. 4, f. 1, Nicol Bay.

CYMBIOLA IRVINÆ, Smith.—*Voluta irvinæ*, Smith, Ann. Mag. Nat. Hist., 8. (IV.), 1909, p. 97, pl. 5. Rottneest Island.

CYMBIOLA NIVOSA, Lamarck.—*Voluta nivosa*, Lamarck, Ann. du Mus., V., 1804, p. 158, pl. 12, f. 2, 3. Sharks Bay; var. *oblita*, Smith; *Voluta oblita*, Smith, Ann. Mag. Nat. Hist., 8. (IV.), 1909 p. 96. Depuch Island, Nicol Bay, Monte Bello Islands, Camden Harbour, King George's Sound.

CYMBIOLA NODIPPLICATA, Cox.—*Voluta nodiplicata* Cox, Proc. Malac. Soc., IX., 1910, p. 146, pl. 3. Rottneest Island; *S. dannevigii*, Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 225, pl. 13, f. 1, 2. Western Bight, 100 fath.

CYMBIOLA VERCONIS, Tate.—*Voluta verconis* Tate, Trans. Roy. Soc., S.A., XV., 1892, p. 125, pl. 1, f. 5; Verco, XXXVI., 1912, p. 224. Western Bight, 100 fath.

CYMBIOLA GUNTHERI, Smith.—*Voluta guntheri*, Smith, Journ. of Conch., V., 1886, p. 62. W. Australia; Sowerby, Thes. Conch., V., 1887, p. 302, pl. 516, f. 162, 163.

SCAPHELLA DAMONI, Gray.—*Amoria damoni*, Ann. Mag. Nat. Hist., 1864, p. 237. *V. reticulata*, Reeve, Conch. Icon., VI., 1849, pl. XI., fig. 25; Petterd, Journ. of Conch., II., 1879, p. 342. Ashburton River and Tien Tsin Creek; von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Strait; *Scaphella hedleyi*, Iredale, Proc. Zool. Soc., 1914, p. 674. Monte Bello Islands, Baudin Island.

SCAPHELLA MARIAEMMA, Gray.—*Scapha mariaemma*, Gray, Proc. Zool. Soc., 1859, p. 230, pl. 48, North-West Australia; *V. grayæ*, Crosse, Journ. de Conch., XIX., 1871, p. 287.

VOLUTA RUCKERI, Crosse.—Described from Nicol Bay, West Australia, by Crosse, Journ. de Conch., XVI., 1868, p. 97, pl. 1, f. 1., locality shown to be erroneous by Brazier, Proc. Zool. Soc., 1869, p. 560.

SCAPHELLA TRANSLUCIDA, Verco.—*Voluta translucida*, Verco, Trans. Roy. Soc., S.A., XX., 1896, p. 217, pl. 6, f. 4; XXXVI., 1912, p. 225. Western Bight, 100 fath.

SCAPHELLA TURNERI, Griffith & Pidgeon.—*Voluta turneri*, Griffith & Pidgeon, Cuvier Anim. Kingd. Moll., XII., 1834, p. 601, pl. 40, f. 1.

SCAPHELLA UNDULATA, Lamarck.—*Voluta undulata*, Lamarck, Ann. Mus. Hist. Nat., V., 1804, p. 157, pl. 12, f. 1; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 222. Western Bight, 100 fath.

SCAPHELLA VOLVA, Gmelin.—*Voluta volva*, Gmelin, Syst. Nat. XIII., 1791, p. 3457; *Voluta pallida*, Griffith & Pidgeon, Cuvier Anim. Kingd., V., 1834, p. 601, pl. 30, f. 4; Petterd, Journ. of Conch., II., 1879, p. 342. North-West Australia.

VAR. MACANDREWII, Sowerby, Thes. Conch., V., 1887, p. 297, pl. 513, f. 140-1; Barrow Island (Brit. Museum).

VAR. ELLIOTTI, Sowerby, Aug., 1864 (= *jamrachi*, Gray, Sept., 1864), Journ. de Conch., XIII., 1865, p. 25, pl. 3, f. 19. Nicol Bay.

VAR. CUMINGII, Gray, Ann. Mag. Nat. Hist., 1864, p. 237.

VAR. BRODERIPIL, Gray, Ann. Mag. Nat. Hist., 1864, p. 237.

SCAPHELLA PRÆTEXTA, Reeve, Conch. Icon., VI., 1849, pl. 12, f. 29, Petterd, Journ. of Conch., II., 1879, p. 343, Tien Tsin Creek, Flying Foam Passage, Dolphin Island.

SCAPHELLA ZEBRA, Leach.—*Voluta zebra*, Leach, Zool. Miscell., I., 1814, p. 31, pl. XII., f. 1.; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Island.

CYMBIUM FLAMMEUM, Bolten, Mus. Bolt. (2), 1798, p. 151; *V. aethiopica*, Blainville, Zool. Uranic & Physicienne, 1825, p. 447. Shark Bay; *V. georginæ*, Gray, Cuvier Anim. Kingd., 1834, p. 601, pl. 34, Swan River; *C. diadema*, Menke, Moll. Nov. Holl., 1843, p. 31, W. Australia; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 229. Western Bight, 95 fath.

Family—Olividae.

ANCILLA CINGULATA, Sowerby.—*Ancillaria cingulata*, Sowerby, Spec. Conch., 1830, p. 6, f. 36, 37; Bailey, P.L.S., N.S.W., IX., 1884, p. 508. Cossack.

ANCILLA COCCINEA, Hedley, Zool. Result "Endeavour," 1914, ii., p. 67, pl. 10, f. 3. Western Bight, 100 fath.

ANCILLA ELONGATA, Gray.—*Ancillaria elongata*, Gray, Append. Voy. Fly, II., 1847, p. 357, pl. 1, f. 5, Depuch Island; Bailey, P.L.S., N.S.W., IX., 1884, p. 508, Cossack; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Island.

ANCILLA LINEATA, Kiener.—*Ancillaria lineata*, Kiener, Coq. Viv., 1844, p. 16, pl. 3, f. 2; *A. monilifera*, Reeve, Conch. Icon., XV., 1864, pl. 10, f. 36. Swan River.

ANCILLA OBLONGA, Sowerby.—*Ancillaria oblonga*, Sowerby, Spec. Conch., 1830, p. 7, F. 38, 39; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 230. Western Bight, 100 fath.

OLIVA AUSTRALIS, Duclos, Monog. Oliva, 1835, sp. 54, pl. 8, f. 3, 4; Gray, Cat. Olividae, Brit. Museum, 1865, p. 15. Swan River; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

OLIVA BICINCTA, Lamarck, An. s. vert., VII., 1822, p. 429, Encyclop. pl. 364, f. 1 ; Menke, Moll. Nov. Holl., 1843, p. 28. North-West Australia.

OLIVA BRETtinghami, Bridgeman, Proc. Malac. Soc., VIII., 1909, p. 203, text fig. North-West Australia.

OLIVA CAERULEA, Bolten.—*Porphyria caerulea*, Bolten, Mus. Bolt. (2), 1798, p. 33 ; Marrat, Thes. Conch., IV., 1871, p. 8, pl. 331, f. 48–50 ; *O. episcopalis and lugubris*, Menke, Moll. Nov. Holl. 1843, p. 28. North-West Australia.

OLIVA CALDANIA, Duclos.—Mon. Oliv. 1835, pl. 6, f. 3, 4 ; Bailey, P.L.S., N.S.W., IX., 1884, p. 508. Cossack.

OLIVA SERICEA, Bolten var., MINIACEA, Bolten.—*Porphyria sericea*, Bolten, Mus. Bolt., 1798, for Conch. Cab., II., 1773, pl. 51, f. 559 ; *Porphyria miniacea*, Bolten, Mus. Bolt. (2), 1798, p. 33 ; *O. erythrostoma*, Quoy & Gaimard, Zool. Astrolabe, III., 1834, p. 8, pl. 48, f. 7–19 ; Menke, Moll. Nov. Holl., 1843, p. 27. North-West Australia.

OLIVA SERICEA, Bolten var., ORNATA, Marrat, Ann. Mag. Nat. Hist. (3), XX., 1867, p. 214. West Australia ; Marrat, Thes. Conch., IV., 1871, p. 13, pl. 334, f. 102, 103.

OLIVA SCRIPTA, Lamarck.—This West Indian species was erroneously recorded from North-West Australia by Menke, Moll., Nov. Holl., 1843, p. 28.

OLIVA VENULATA, Lamarck.—Menke recorded this, Moll. Nov. Holl., 1843, p. 28, from West Australia, but Weinkauff, Jahrb. Malak. Gesell., V., 1878, p. 116, points that out it is really from West America.

Family—*Marginellidæ*.

MARGINELLA ALBINA, Gaskoin.—This is a synonym for the Sydney shell *M. turbinata*, Sowerby, and was wrongly reported from N.W. Australia by Gaskoin, Ann. Mag. Nat. Hist., 2 (XI.), 1853, p. 358.

MARGINELLA ANGASI, Crosse, Journ. de Conch., XIX., 1871, p. 324, pl. 12, f. 3 ; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

MARGINELLA AUSTRALIS, Hinds, Proc. Zool. Soc., 1844, p. 75. North-West Australia ; Sowerby, Thes. Conch., I., 1846, p. 386, pl. 75, f. 64, 65.

MARGINELLA DEBURGHI, A. Adams, Proc. Zool. Soc., 1863, p. 509. Swan River ; Reeve, Conch. Icon., XV., 1865, pl. 15, f. 68.

MARGINELLA LAEVIGATA, Brazier, P.L.S., N.S.W., I., 1877, p. 225 ; Hedley, Rec. Aust. Mus., VIII., 1912, p. 146, pl. 42, f. 27 ; *M. baudinensis*, Smith, Proc. Malac. Soc., III., 1899, p. 209, f. 2. Baudin Islands, and Holothuria Banks.

MARGINELLA LITURATA, Menke, Moll. Nov. Holl., 1843, p. 28. West Australia. Locality doubtful.

MARGINELLA PHILIPPINARUM, Redfield, Ann. N.Y., Lye. Nat. Hist., IV., 1846, p. 492, pl. 17, f. 3. Holothuria Banks (Brit. Museum).

MARGINELLA PULCHELLA, Kiener, Coq. Viv., 1830, p. 27, pl. 9, f. 40; *M. shepstonensis*, Smith, Ann. Natal Mus., I., 1906, p. 31, pl. 7, f. 5, Cossack (Brit. Museum); *M. fulgurata*, Hedley, Endeavour Zool. Results, 1911, p. 110, pl. 19, f. 30-33.

MARGINELLA SAGITTATA, Hinds.—This Atlantic form was wrongly reported from King George's Sound by Tryon, Man. Conch. V., 1883, p. 39.

MARGINELLA WALKERI, Smith, Proc. Malac. Soc., III., 1899, p. 208, f. 1. Baudin and Holothuria Banks.

Family—*Cancellariidae*.

CANCELLARIA PALLIDA, Smith, Proc. Malac. Soc., III., 1899, p. 313, text fig. 4. Cassini Island.

CANCELLARIA REEVIANA, Crosse, Journ. de Conch., IX., 1861, p. 237; *C. elegans*, Sowerby (not Deshayes), Thes. Conch. II., 1849, p. 446, pl. 93, f. 36; Smith, Proc. Malac. Soc., III., 1899, p. 311. Roebuck Bay.

CANCELLARIA SPIRATA, Lamarek, An. s. vert., VII., 1822, p. 115; Reeve, Conch. Icon., X., 1856, pl. 12, f. 56. Garden Island.

Family—*Terebridae*.

DUPPLICARIA AUSTRALIS, Smith.—*Terebra australis*, Smith, Ann. Mag. Nat. Hist., 4 (XI.), 1873, p. 264, Swan River; Hedley, P.L.S., N.S.W., XXXIII., 1908, p. 486, pl. 7, f. 2.

DUPPLICARIA DUPLICATA, Linne.—*Buccinum duplicata*, Linne, Syst. Nat., X., 1758, p. 742; Hinds, Thes. Conch. I., 1844, p. 155, pl. 41, f. 1-4; Brazier, P.L.S., N.S.W., IX., 1884, p. 795. Cossack.

TEREBRA ALBULA, Menke, Moll. Nov. Holl. 1843, p. 30, West Australia; Hinds, Thes. Conch., I., 1844, p. 182, pl. 45, f. 126.

TEREBRA STRIGILATA, Linne.—*Buccinum strigilata*, Linne, Syst. Nat. X., 1758, p. 741; Hinds, Thes. Conch. I., 1844, p. 180, pl. 45, f. 122; Brazier, P.L.S., N.S.W., IX., 1884, p. 795. Cossack.

TEREBRA SUBLATA, Linne.—*Buccinum sublata*, Linne, Syst. Nat. X., 1767, p. 1205; Hinds, Thes. Conch. I., 1844, p. 156, pl. 41, f. 16. Swan River (Brit. Museum).

TEREBRA (?) WALKERI, Smith.—Proc. Malac. Soc., III., 1899, p. 312, text fig. 1. Holothuria Banks.

Family—*Conidae*.

CONUS ACULEIFORMIS, Reeve, Conch. Icon., I., 1844, pl. 44, f. 240b; Smith, Ann. Mag. Nat. Hist., 7 (XIII.), 1904, p. 454. Holothuria Banks.

CONUS ANEMONE, Lamarek, Ann. du Mus., XV., 1810, p. 272; *C. norackollandiae*, A. Ad., Thes. Conch., III., 1858, p. 31, pl. 199, f. 298-9, Swan River; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204, Geraldton; Iredale, Proc. Zool. Soc. 1914, p. 675. Monte Bello Islands.

CONUS AUSTRALIS, Chemnitz, Conch. Cab., XI., 1795, p. 59, pl. 183, f. 1774-5; Smith, Ann. Mag. Nat. Hist., 6 (XIV.), 1894, p. 158, pl. 3, f. 1. Swan River.

CONUS CAPITANEUS, Linne, Syst. Nat. X., 1758, p. 713; Menke, Moll. Nov. Holl., 1843, p. 27, North-West Australia; Reeve, Conch. Icon. I., 1843, pl. 11, f. 54.

CONUS COMPLANATUS, Sowerby, Thes. Conch., III., 1866, p. 330, pl. 289, f. 650-1; Brazier, P.L.S., N.S.W., IX., 1884, p. 796, Cossack.

CONUS CINEREUS, Hwass, Encycl. Meth. vers. I., p. 673, 1792; Menke, Moll. Nov. Holl., 1843, p. 27, North-West Australia; Reeve, Conch. Icon., I., 1844, pl. 41, f. 220.

CONUS CLARUS, Smith, Ann. Mag. Nat. Hist., 5 (VIII.), 1881, p. 442, West Australia; Sowerby, Thes. Conch., V., 1887, p. 270, pl. 512 bis, f. 744.

CONUS CUVIERI, Crosse, Rev. and Mag. de Zool., 1858, X., p. 123; *C. deshayesii*, Reeve, Conch. Icon., I., 1843, pl. 5, f. 28, Swan River; locality doubted by Smith, Proc. Zool. Soc., 1891, p. 402.

CONUS GLANS, Hwass, Encycl. Meth. vers. I., 1792, p. 735; Reeve, Conch. Icon., I., 1843, pl. 26, f. 145. Exmouth Gulf (Brit. Museum).

CONUS KENYONAE, Brazier, P.L.S., N.S.W., XXI., 1896, p. 346. Shark Bay.

CONUS LUTEUS, Quoy and Gaimard, Zool. Astrolabe, III., 1834, p. 103, pl. 53, f. 23, 24. King George's Sound.

CONUS MILIARIS, Hwass, Encycl. Meth., vers., I., 1792, p. 629; Reeve, Conch. Icon. I., 1843, pl. 36, f. 198; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

CONUS NODULOSUS, Sowerby, Thes. Conch., III., 1866, p. 328, pl. 288, f. 635. Swan River.

CONUS OCHROLEUCUS, Gmelin, Syst. Nat., XIII., 1791, p. 3391; *C. praefectus*, Reeve, Conch. Icon., I., 1843, pl. 25, f. 138. Swan River.

CONUS PONTIFICALIS, Lamarek, Ann. du Mus., XV., 1810, p. 34; Delessert, Recueil, 1841, pl. 40, f. 15. Monte Bello Island, Exmouth Gulf (Brit. Museum).

CONUS QUERCINUS, Hwass, Encycl. Meth. vers., 1792, p. 681, pl. 332, f. 6; Watson, Chall. Zool., XV., 1886, p. 385. Swan River.

CONUS RUTILUS, Menke, Moll. Nov. Holl. 1843, p. 27, North-West Australia; Sowerby, Thes. Conch., III., 1858, p. 5, pl. 200, f. 323. Swan River.

CONUS STILLATUS, Reeve, Conch. Icon., I., 1849, suppl. pl. 5, f. 247; Brazier, P.L.S., N.W.S., IX., 1884, p. 796. Cossack.

CONUS STRIATUS, Linne, Syst. Nat., X., 1758, p. 716; Reeve, Conch. Icon., I., 1843, pl. 32, f. 179; Menke, Moll. Nov. Holl., 1843, p. 27. North-West Australia.

CONUS TEREBRA, Born, Index, Mus. Caes. 1778, p. 145; Reeve, Conch. Icon., I., 1843, pl. 7, f. 38. Swan River (Brit. Museum).

CONUS TEXTILE, Linne, Syst. Nat., X., 1758, p. 717; Reeve, Conch. Icon., I., 1843, pl. 38, f. 209; Menke, Moll. Nov. Holl. 1843, p. 27. North-West Australia.

CONUS TURRICULATUS, Sowerby, Thes. Conch., III., 1866, p. 328, pl. 27, f. 643-4. Cassini Island (Brit. Museum).

CONUS TRIGONUS, Reeve, Conch. Icon., I., 1848, suppl. pl. 3, f. 286; Bailey, P.L.S., N.S.W., IX., 1884, p. 508. Cossack.

CONUS VARIUS, Linne, Syst. Nat., X., 1758, p. 715; *C. pulchellus*, Sowerby, Proc. Zool. Soc., 1834, p. 19, Fremantle; Reeve, Conch. Icon., I., 1843, pl. 12, f. 58.

CONUS VICTORIAE, Reeve, Conch. Icon., I., 1843, pl. 37, f. 202; Bailey, P.L.S., N.S.W., IX., 1884, p. 508. Cossack.

Family—Turridae.

CYTHARA COMPTA, Adams and Angas, Proc. Zool. Soc., 1863, p. 419, pl. 37, f. 5; Verco, Trans. Roy. Soc. S.A., XXXIII., 1909, p. 327. Rottnest Island.

CYTHARA GIBBOSA, Reeve, *Mangilia gibbosa*, Reeve, Conch. Icon., III., 1846, pl. 3, f. 21; *M. novaehollandiae*, Reeve, op. cit., pl. 4, f. 27. Swan River.

CYTHARA GUENTHERI, Sowerby, Proc. Zool. Soc., 1893, p. 491, pl. 38, f. 27, 28. Holothuria Banks and Cassini Island (Brit. Museum).

CYTHARA KINGENSIS, Petterd—*Daphnella kingensis*, Petterd, Journ. of Conch., II., 1879, p. 102; *Mangilia emina*, Hedley, Rec. Aust. Museum, VI., 1905, p. 53, text fig. 20; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

CLATHURELLA RUFOZONATA, Angas, Proc. Zool. Soc., 1877, p. 38, pl. 5, f. 13; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

DAPHNELLA SOUVERBIEI, Smith, Ann. Mag. Nat. Hist., 5 (X.), 1882, p. 300, Swan River; Hedley, P.L.S., N.S.W., XXXIII., 1908, p. 488, pl. 8, f. 9.

DRILLIA HARPULARIA, Desmoulins.—*Pleurotoma harpularia*, Desmoulins, Act. Linn. Soc., Bordeaux, XII., 1842, p. 56; *P. harpula*, Kiener, not Brocchi, Coq. Viv., 1840, p. 58, pl. 18, f. 3; Tate, Trans. Phil. Soc., Adelaide, II, 1879, p. 137. King George's Sound.

DRILLIA QUOYI, Desmoulins.—*Pleurotoma quoyi*, Desm. Act. Linn. Soc. Bordeaux, XII., 1842, p. 61; *P. monile*, Kiener, Coq. Viv., 1840, p. 52, pl. 15, f. 3; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 231. Western Bight, 100 fath.

MANGELIA ANOMALA, Angas.—*Purpura anomala*, Angas, Proc. Zool. Soc. 1877, p. 34, pl. 5, f. 1. Cottesloe (Hem).

MANGELIA AUSTRALIS, Adams and Angas, Proc. Zool. Soc. 1863, p. 429; Hedley, P.L.S., N.S.W., XXXVIII., 1913, p. 310, pl. XIX., f. 76. Cottesloe (Henn).

Family—Turbinellidae.

TUDICLA SPINOSA, H. and A. Adams, Proc. Zool. Soc., 1863, p. 429; Smith, Zool. Coll. Alert, 1884, p. 54, pl. 5, f. H.; Holothuria Reef (Brit. Museum).

TUDICLA INERMIS, Angas, Proc. Zool. Soc., 1878, p. 610, text fig.; Smith, Ann. Mag. Nat. Hist., 3 (XIX.), 1887, p. 465, Exmouth Gulf and Nicol Bay.

MEGALATRACTUS ARUANUS, Linne.—*Murex aruanus*, Linne Syst. Nat., X., 1758, p. 275; Hedley, Rec. Austr. Mus., VI., 1905, p. 98, pl. 21, Exmouth Gulf, Carnac Island; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204, Geraldton.

LATIRUS PULLEINEI, Verco, Trans. Roy. Soc., S.A., XIX., 1895, p. 90, pl. 1, f. 1. Eyre's Sand Patch.

LATIRUS WALKERI, Melvill, Proc. Malac. Soc., I., 1895, p. 223, pl. 14, f. 9. Cossack.

PERISTERIA INCARNATA, Deshayes.—*Turbinella incarnata*, Deshayes, in Laborde Voy. Arabie, pl. 65, f. 20–22, 1830; Kiener, Coq. Viv., 1840, p. 45, pl. 18, f. 3. Exmouth Gulf (Brit. Museum).

ALTIVASUM TYPICUM, Hedley, *nom. mut.*—*Latirus aurantiacum*, Verco (not Montfort, 1810). Trans. Roy. Soc., S.A., XIX., 1895, p. 89, Pl. II., f. 1; Hedley, Endeavour Results, II., 1914, p. 69, pl. IX., f. 2. Western Bight.

Family—Fusidae.

FUSINUS EXILIS, Menke, Moll. Nov. Holl., 1843, p. 26. West Australia.

FUSINUS DUNKERI, Jonas.—*Fusus dunkeri*, Jonas, Abhand. Naturw. ver. Hamburg, I., 1846, p. 129; Philippi, Abbild. Besch. II., 1847, p. 191, pl. 4, f. 4; Verco, Trans. Roy. Soc., S.A., XIX., 1895, p. 105. Eyre's Sand Patch.

FUSINUS LINCOLNENSIS, Crosse & Fischer.—*Fusus lincolnensis* Crosse & Fischer, Journ. de Conch., XIII., 1865, p. 53, pl. 2, f. 4. Margaret River (Austr. Museum).

FUSINUS LONGICAUDUS, Lamarck, Encycl. Meth., 1816, pl., 423, f. 2. Exmouth Gulf (Brit. Museum).

FUSINUS MORIO, Lamarck. This Atlantic species is erroneously recorded from West Australia by Menke, Moll. Nov. Holl., 1843, p. 25.

FUSINUS MULTICARINATUS, Lamarck, An. s. vert., VII., 1822, p. 125; Kiener, Coq. Viv., 1840, p. 17, pl. 10, f. 1; Menke, Moll. Nov. Holl., 1843, p. 25. West Australia.

FUSINUS NOVAE HOLLANDIAE, Reeve, Conch. Icon., IV., 1847, pl. 18, f. 70; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 221. Western Bight, 100 fath.

FUSINUS PHILIPPI, Jonas, Abhand. natur. ver., Hamburg, I., 1846, p. 129; Philippi, Abbild. Besch. II., 1847, p. 191, pl. 4, f. 1. West Australia.

FUSINUS VENTRICOSUS, Menke, Moll. Nov. Holl., 1843, p. 26. West Australia.

FASCIOLARIA AUSTRALASIA, Perry, Conchology, 1811, pl. 54, f. 4; Vereo, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 222. Western Bight, 100 fath.

VERCONELLA OLIGOSTIRA Tate, Trans. Roy. Soc., S.A., XIV., 1891, p. 258, pl. XI., f. 6; *Siphonalia dilatata*, Vereo, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 221. Western Bight, 100 fath.

Family—Mitridæ.

MITRA CITHAROIDEA, Dohrn, Proc. Zool. Soc., 1862, p. 203; Sowerby, Thes. Conch., IV., 1874, pl. 25, f. 567. Swan River (Brit. Museum).

MITRA CLATHRATA, Reeve, Conch. Icon., II., 1844, pl. 10, f. 71; von Martens, Forsch. Gazelle, III., 1889, p. 196. Mermaid Strait.

MITRA GLABRA, Swainson, Exotie Conch., I., 1821, pl. 24; *Mitra buccinata*, Quoy & Gaim., Zool. Astrolabe, II., 1833, p. 653, pl. 45 bis, f. 14, 15. King George's Sound.

MITRA LUTESCENS, Lamarek, Menke (Moll. Nov. Holl., 1843, p. 31) erroneously reports this Mediterranean shell from West Australia.

MITRA MITRA, Linne.—*Voluta mitra episcopalis*, Linne, Syst. Nat., X., 1758, p. 732; Reeve, Conch. Icon., II., 1844, pl. 1, f. 5; Menke, Moll. Nov. Holl., 1843, p. 30. West Australia.

MITRA SOLIDA, Reeve, Conch. Icon., II., 1844, pl. 3, f. 18. Swan River (Brit. Museum).

MITRA SUBDIVISA, Bolten, var. INTERMEDIA, Kiener.—*Mitra intermedia*, Kiener, Coq. Viv., 1839, p. 73, pl. 22, f. 70; Monte Bello Islands (Brit. Museum).

MITRA SUPERBIENS, Melvill, Proc. Malac. Soc., I., 1895, p. 223, pl. 14, f. 6. West Australia.

Family—Harpidæ.

HARPA AMOURETTA, Bolten.—Mus. Bolt. (2), 1798, p. 150; *Harpa minor*, Menke, Moll. Nov. Holl., 1843, p. 23, West Australia; Reeve, Conch. Icon., I., 1843, pl. 3, f. 6.

HARPA MAJOR, Bolten, Mus. Bolt. (2), 1798, p. 149; *Harpa ventricosa*, Reeve, Conch. Icon., I., 1843, pl. 1, f. 2; Menke, Moll. Nov. Holl., 1843, p. 22. North-West Australia.

Family—Buccinidæ.

CANTHARUS ERYTHROSTOMA, Reeve.—*Buccinum erythrostoma*, Reeve, Conch. Icon., III., 1846, pl. 3, f. 14. Swan River and Exmouth Gulf (Brit. Museum).

CANTHARUS SUBRUBIGINOSUS, Smith.—*Tritonidea subrubiginosus*, Smith, Proc. Zool. Soc., 1879, p. 206, pl. 20, f. 40; *Pisania bednalli*, Sowerby, Proc. Mal. Soc., I., 1895, p. 215, pl. 13, f. 6. West Australia.

CANTHARUS TRANQUEBARICUS, Gmelin.—*Buccinum tranquebaricum*, Gmelin, Syst. Nat., XIII., 1791, p. 3491; Reeve, Conch. Icon., III., 1846, pl. 3, f. 17; von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Strait.

CANTHARUS UNDOSUS, Linne.—*Buccinum undosum*, Linne, Syst. Nat. X., 1758, p. 740; Kiener, Coq. Viv., 1834, p. 39, pl. 12, f. 41; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

PHOSPLICATUS, A. Adams, Proc. Zool. Soc., 1853 (1854), p. 175; Sowerby, Thes. Conch., III., 1859, p. 90, pl. 222, f. 23. West Australia (Austr. Museum).

COMINELLA ACUTINODOSA, Reeve.—*Buccinum acutinodosum*, Reeve, Conch. Icon., III., 1846, pl. 4, f. 21. Swan River (Brit. Museum).

COMINELLA LINEOLATA, Lamarck.—*Buccinum lineolata*, Lamarck, An. s. vert., VII., 1822, p. 269; *Buccinum plurianulatum*, Reeve, Conch. Icon., III., 1846, pl. 5, f. 38. Swan River.

COMINELLA TASMANICA, Tenison-Woods.—*Josepha tasmanica*, Ten. Woods, Proc. Roy. Soc., Tasm., 1878 (1879), p. 32; *Phos. tasmanica*, Verco, Trans. Roy. Soc., S.A., XX., 1896, p. 227, pl. 6, f. 5, Eyre's Sand-patch; *Cominella suturalis*, Angas, Proc. Zool. Soc., 1865, p. 162. King George's Sound.

CYLLENE STRIATA, A. Adams., Proc. Zool. Soc., 1850 (1851), p. 205, Abrolhos; Sowerby, Thes. Conch., III., 1859, p. 79, pl. 217, f. 26.

NASSARIA SUTURALIS, A. Adams.—*Hindsia suturalis*, A. Adams, Proc. Zool. Soc., 1853, p. 183; Sowerby, Thes. Conch., III., 1859, p. 86, pl. 220, f. 15, 16. Holothuria Banks (Brit. Museum).

NASSARIA TORRI, Verco.—*Cominella torri*, Verco, Trans. Roy. Soc., S.A., XXXIII., 1909, p. 271, pl. 21, f. 10, 11; *Nassaria torri* op. cit., XXXVI., 1912, p. 220, pl. 13, f. 3, 4. Western Bight. 100 fath.

BUCCINUM FASCICULARE, Menke, Moll. Nov. Holl., 1843, p. 21. West Australia.

BUCCINUM LIRATUM, Martyn, Universal Conchologist, 1784, pl. 43, King George's Sound; Philippi, Abbild. Beschr., III., 1850, p. 126.

BUCCINUM LIMA, Martyn, Univ. Conch., 1784, pl. 46. This as well as the preceding species, were ascribed to King George's Sound, in Canada, not Australia.

BUCCINUM PLICATUM, Martyn, Von Martens has pointed out—Malak, Blatt., XIX., 1872, p. 42—that this is really from N.W. America, though ascribed by Martyn—Univ. Conch., 1784, pl. 44—to King George's Sound.

BUCCINUM SATURUM, Martyn. This Arctic species — *Tritonium fornicatum*, O. Fabr. 1780 — *Buccinum solutum*, Hermann, 1781 — *Chrysodomus heros*, Gray, 1850, was reported by Martyn, Univ. Conch., I., 1784, pl. 17, from King George's Sound.

Family—*Arculariidae*.

ARCULARIA BICALLOSA, Smith.—*Nassa bicallosa*, Smith, Journ. Linne, Soc. Zool., XII., 1876, p. 543, pl. 30, f. 1; Brazier, P.L.S., N.S.W., IX., 1884, p. 794. Cossack, Nicol Bay, Swan River.

ARCULARIA CRASSA, Philippi.—*Buccinum crassum*, Phil., Abbild. Besch., III., 1849, p. 43, pl. 1, f. 4; A. Adams, Proc. Zool. Soc. 1851 (1852), p. 96. Swan River.

ARCULARIA DORSATA, Bolten.—*Buccinum dorsatum*, Bolten, Mus. Bolt. (2), 1798, p. 111; *Buccinum unicolorum*, Kiener, Coq. Viv., 1834, p. 60, pl. 19, f. 69; Brazier, P.L.S., N.S.W., IX., 1884, p. 793, Cossack; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204, Geraldton.

ARCULARIA VICTORIANA, Iredale.—*Alectrion victorianus*, Trans. N.Z. Inst. XLVII., 1915, p. 467; *Buccinum fasciatum*, Lamarck, An. s. vert., VII., 1822, p. 271; Quoy & Gaimard, Zool. Astrolabe, II., 1833, p. 445, pl. 32, f. 18–21; Menke, Moll. Nov. Holl., 1843, p. 21. West Australia.

ARCULARIA GLANS, Linne.—*Buccinum glans*, Linne, Syst. Nat., X., 1758, p. 737; *Nassa g.*, Reeve, Conch. Icon., 1853, VIII., 1853, pl. 1, f. 5; Verco, Trans., Roy. Soc., S.A., XXVI., 1912, p. 204. Geraldton.

ARCULARIA GLOBOSA, Quoy & Gaimard.—*Buccinum globosum*, Quoy & Gaim., Zool. Astrolabe, II., 1833, p. 448, pl. 32, f. 25–27. Swan River (Brit. Museum).

ARCULARIA HIRTA, Kiener.—*Buccinum hirta*, Kiener, Coq. Viv., 1834, p. 63, pl. 19, f. 72, Reeve, Conch. Icon., VIII., 1853, pl. 1, f. 1. Swan River.

ARCULARIA OPTIMA, Sowerby.—*Nassa optima*, Sowerby, Journ. of Malac., X., 1903, p. 73, pl. 5, f. 1, 2. N.W. Australia.

ARCULARIA PAUPERATA, Lamarck.—*Buccinum pauperatum*, Lamarck, An. s. vert., VII., 1822, p. 278; Kiener, Coq. Viv., 1834, p. 90, pl. 29, f. 118; A. Adams, Proc. Zool. Soc., 1851, (1852), p. 95, Cygnet Bay; Verco, Trans. Roy. Soc., S.A., XXVI., 1912, p. 204. Geraldton.

ARCULARIA RUFULA, Kiener.—*Buccinum rufulum*, Kiener, Coq. Viv., 1834, p. 89, pl. 24, f. 95; A. Adams, Proc. Zool. Soc., 1851 (1852), p. 104. Swan River.

ARCULARIA SPIRATA, A. Adams.—*Nassa spirata*, A. Adams, Proc. Zool. Soc., 1851 (1852), p. 106. Swan River; Reeve, Conch. Icon., 1853, VIII., 1853, pl. 2, f. 13.

ARCULARIA SUTURALIS, Lamarck.—*Buccinum suturale*, Lamarck, An. s. vert., VII., 1822, p. 269; Kiener, Coq. Viv., 1834, p. 55, pl. 24, f. 96; A. Adams, Proc. Zool. Soc., 1851

(1852), p. 104; Swan River; Iredale, Proc. Zool. Soc., 1914, p. 667. Monte Bello Islands.

ARCULARIA TÆNIA, Gmelin.—*Buccinum tænia*, Gmelin, Syst. Nat., XIII., 1791, p. 3493; *B. olivaceum*, Kiener, Coq. Viv., 1834, p. 59, pl. 15, f. 53; Menke, Moll. Nov. Holl., 1843, p. 20. North-West Australia.

Family—*Pyrenidae*.

PYRENE ACHATINA, Sowerby.—*Columbella achatina*, Sowerby, Thes. Conch., I., 1844, p. 132, pl. 39, f. 126. Swan River (?). This is perhaps based on the Mediterranean *C. gervillei*, Blainville.

PYRENE MENKEANA, Reeve.—*Columbella menkeana*, Reeve, Conch. Icon., XI., 1858, pl. XIV., f. 69. West Australia. *Buccinum acuminatum*, Menke (not Broderip, 1830). Moll. Nov. Holl., 1843, p. 20.

PYRENE AUSTRINA, Gaskoin.—*Columbella austrina*, Gaskoin, Proc. Zool. Soc., 1851 (1852), p. 9; Reeve, Conch. Icon., XI., 1858, pl. 19, f. 100; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

PYRENE AUSTRALIS, Gaskoin.—*Columbella australis*, Gaskoin, Proc. Zool. Soc., 1851 (1852), p. 5; Reeve, Conch. Icon., XI., 1858, pl. 15, f. 78, pl. 29, f. 188. Swan River (Brit. Museum).

PYRENE DUCLOSIANA, Sowerby.—*Columbella duclosiana*, Sowerby, Thes. Conch., I., 1844, p. 113, pl. 26, f. 15, 16. Swan River and N.W. Australia (Brit. Museum).

PYRENE OBSCURA, Sowerby.—*Columbella obscura*, Sowerby, Thes. Conch., I., 1844, p. 121, pl. 37, f. 70, 71. Swan River and Monte Bello Islands (Brit. Museum).

PYRENE PARDALINA, Lamarck.—*Buccinum pardalina*, Lamarck, An. s. vert., VII., 1822, p. 295; Sowerby, Thes. Conch., I., 1844, p. 124, pl. 38, f. 90. Jones Island (Brit. Museum).

PYRENE SEMICONVEXA, Lamarck.—*Buccinum semiconvexum*, Lamarck, An. s. vert., VII., 1822, p. 272; Kiener, Coq. Viv., 1834, p. 49, pl. 17, f. 60; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

PYRENE TAYLORIANA, Reeve.—*Columbella tayloriana*, Reeve, Conch. Icon., XI., 1859, pl. 35, f. 225. This New South Wales species was erroneously reported from North-West Australia.

PYRENE VARIANS, Sowerby.—*Columbella varians*, Sowerby, Proc. Zool. Soc., 1832, p. 118; Thes. Conch., I., 1857, p. 117, pl. 37, f. 47–50. Swan River (Brit. Museum).

PYRENE VERSICOLOR, Sowerby.—*Columbella versicolor*, Sowerby, Proc. Zool. Soc., 1832, p. 119; Thes. Conch., I., 1857, p. 117, pl. 37, f. 41–46; Verco, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

Var. BIDENTATA, Sowerby, Thes. Conch., I., 1844, p. 118, pl. 37, f. 53, 54. Swan River.

ZAFRA ATKINSONI, Tenison-Woods. — *Mangelia atkinsoni*, T. Woods, Proc. Roy. Soc., Tasm., 1875, p. 141; *Columbella speciosa*, Angas, Proc. Zool. Soc., 1877, p. 35, pl. 5, f. 3; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204., Geraldton; Hedley, P.L.S., N.S.W., XXXIX., 1914, p. 744, pl. 83, fig. 72.

ENGINA ALVEOLATA, Kiener. — *Purpura alveolata*, Kiener, Coq. Viv., 1836, p. 42, pl. 9, f. 23. Jones Island (Brit. Museum).

ENGINA CURTISIANA, Smith. — *Tritonidea curtisiana*, Smith, Zool. Coll. Alert., 1884, p. 47, pl. 5, f. E.; Hedley, P.L.S., N.S.W., XXXIX., 1914, p. 733. West Australia.

Family—Muricidae.

MUREX ACANTHOPTERUS, Lamarck, An. s. vert., VII., 1822, p. 165; Menke, Moll. Nov. Holl. pl. 16, f. 64, 1843, p. 24. North-West Australia; Reeve, Conch. Icon., III., 1845, pl. 16, fig. 64.

MUREX BANKSI, Sowerby, Proc. Zool. Soc., 1840, p. 141; Reeve, Conch. Icon., III., 1845, pl. 10, f. 38; Brazier, Cat. Mar. Shells Australia, 1893, p. 47. Nicol Bay.

MUREX BREVISPIA, Lamarck, An. s. vert., VII., 1822, p. 159; Reeve, Conch. Icon., III., 1845, pl. 19, f. 77; Brazier, P.L.S., N.S.W., I., 1877, p. 169. Nicol Bay.

MUREX CERVICORNIS, Lamarck, An. s. vert., VII., 1822, p. 163; Sowerby, Thes. Conch., IV., 1879, p. 11, pl. 382, f. 30. Nicol Bay.

MUREX CORNUCERVI, Bolten. — *Purpura cornucervi*, Bolten, Mus. Bolt. (2), 1798, p. 142; *M. monodon*, Reeve, Conch. Icon., III., 1845, pl. 5, f. 21. Depuch Is.; Brazier, P.L.S., N.S.W., IX., 1884, p. 793. Cossack.

MUREX HAUSTELLUM, Linne, Syst. Nat., X., 1758, p. 746; Reeve, Conch. Icon., III., 1845, pl. 23, f. 95; von Martens, Forsch. Gazelle, III., 1889, p. 186. Dirk Hartog.

MUREX MILIARIS, Gmelin, Syst. Nat., XIII., 1791, p. 3536; *M. purpura*, Reeve, Conch. Icon., III., 1845, pl. 25, f. 102; *M. vitulinus*, Menke, Moll. Nov. Holl. 1843, p. 24. North-West Australia.

MUREX MULTIPLICATUS, Sowerby, Proc. Mal. Soc., I., 1895, p. 216, pl. 13, f. 5. West Australia.

MUREX OSSEUS, Reeve. — By error of identification, Brazier records this species from Nicol Bay, Cat. Marine Shells, Australia, 1893, p. 67.

MUREX PERMÆSTUS, Hedley, P.L.S., N.S.W., XXXIX., 1915, p. 745, pl. 85, fig. 91; *M. capucinus*, Hedley, Proc. Roy. Soc. Queensland, VI., 1889, p. 240. Cambridge Gulf.

MUREX RAMOSUS, Linne, Syst. Nat., X., 1758, p. 747; Sowerby, Thes. Conch., IV., 1879, p. 11, pl. 8, f. 69; Brazier, Cat. Marine Shells, Australia, 1893, p. 51. Nicol Bay.

MUREX RARISPINA, Lamarck, An. s. vert., VII., 1822, p. 158; Reeve, Conch. Icon., III., 1845, pl. 21, f. 86; Hedley, Proc. Roy. Soc., Queensland, VI., 1889, p. 240. Cambridge Gulf.

MUREX SAULII, Sowerby, Conch. Illustr., 1840, f. 77; Brazier, Cat. Marine Shells, Australia, 1893, p. 55. Vlaming Head.

MUREX SCABER, Martyn.—*Purpura scaber*, Martyn, Univ. Conch., 1789, pl. 113; *M. adustus*, Menke, Moll. Nov. Holl., 1843, p. 24. North-West Australia.

MUREX SECUNDUS, Lamarck, An. s. vert., VII., 1822, p. 169; Reeve, Conch. Icon., III., 1845, pl. 24, f. 97; *Holothuria* Banks (Brit. Museum).

MUREX STAINFORTHII, Reeve, Conch. Icon., III., 1845, pl. 17, f. 68; Brazier, P.L.S., N.S.W., IX., 1884, p. 793. Cossack.

MUREX TRAPA, Bolten, Mus. Bolt., (2), 1798, p. 145; *M. aduncospinosus*, Reeve, Conch. Icon., III., 1845, pl. 23, f. 93; Brazier, Cat. Marine Shells, Australia, 1893, p. 47. Nicol Bay.

MUREX TRIBULUS, Linne, Syst. Nat., X., 1758, p. 746; Sowerby, Thes. Conch., IV., 1879, p. 2, pl. 1, f. 3; Menke, Moll. Nov. Holl., 1843, p. 23. North-West Australia.

MUREX TORREFACTUS, Sowerby, Conch. Illustr., 1840, f. 120; Brazier, Cat. Marine Shells, Australia, 1893, p. 55. Nicol Bay.

MUREX TRIFORMIS, Reeve, Conch. Icon., III., 1845, pl. 13, f. 53; Verco, Trans. Roy. Soc. S.A., XIX., 1895, p. 95. King George's Sound.

MUREX VARICOSUS, Sowerby, Conch. Illustr., 1834, f. 49; Brazier, Cat. Marine Shells Australia, 1893, p. 68. Nicol Bay.

TROPHON RECURVUS, Philippi.—*Fusus recurvus*, Philippi, Abbild. Beschr., II., 1846, p. 119, pl. 3, f. 6; *T. paivæ*, Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 137. King George's Sound.

CRASPEDOTRITON FIMBRIATUS, Lamarck.—*Murex fimbriatus*, Lamarck, An. s. vert., VII., 1822, p. 176. King George's Sound; *M. planiliratus*, Reeve, Conch. Icon., III., 1845, pl. 31, f. 149. Swan River.

ASPELLA ANCEPS, Lamarck.—*Ranella anceps*, Lamarck, An. s. vert., VII., 1822, p. 154; Kiener, Coq. Viv., 1842, p. 36, pl. 4, f. 2; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton, Cossack (Brit. Museum).

Family—Thaididæ.

THAIS AVELLANA, Reeve.—*Buccinum avellana*, Reeve, Conch. Icon., III., 1846, pl. 8, f. 52. Swan River and Monte Bello Islands (Brit. Museum).

THAIS ALVEOLATA, Reeve.—*Purpura alveolata*, Reeve, Conch. Icon., III., 1846, pl. 11, f. 60; Smith, Ann. Mag. Nat. Hist. 4 (XV.), 1875, p. 424. Swan River.

THAIS ECHINATA, Blainville.—*Purpura echinata*, Blainv., Nouv. Ann. Mus., I., 1832, pl. 11, f. 2. Swan River and Cossack (Brit. Museum).

THAIS GEMMULATA, Lamarck.—*Purpura gemmulata*, Lamarck, Encycl. Meth. vers., pl. 397, f. 3, 1816; *P. mancinella*, Reeve, Conch. Icon., III., 1846, pl. 1, f. 1, 2; Brazier, Journ. of Conch., II., 1879, p. 187. Nicol Bay, Dirk Hartog (W.A. Museum).

THAIS PERSICA, Linne.—*Buccinum persica*, Linne, Syst., Nat., X., 1758, p. 738 ; *Purpura persica*, Reeve, Conch. Icon., III., 1846, pl. 2, f. 8 ; Menke, Moll. Nov. Holl., 1843, p. 21. West Australia.

THAIS PICA, Blainville, Nouv. Ann. Mus. I., 1832, pl. 9, f. 9 ; Reeve, Conch. Icon., III., 1846, pl. 8, f. 36 ; Hedley, P.L.S., N.S.W., XXXIX., 1914, p. 747. Low Rocks (Brit. Museum).

THAIS TEXTILOSΑ, Lamarck.—*Purpura textilosa*, Lamarck, An. s. vert., VII., 1822, p. 242 ; Kiener, Coq. Viv., 1835, p. 104, pl. 27, f. 72 ; von Martens, Forsch. Gazelle, III., 1889, p. 191, Mermaid Strait ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204, Geraldton ; *P. ægrola*, Reeve, Conch. Icon., III., 1846, pl. 9, f. 42.

PURPURA SQUAMOSA, Lamarck.—It has been noted by von Martens, Jahrb. deut. malak. Gesell., I., 1874, p. 143, that this shell, though recorded by Menke from West Australia (Moll. Nov. Holl., 1843, p. 22), is really South African.

PURPURA CATARACTÆ, Lamarck.—Menke, Moll. Nov. Holl., 1843, p. 21, as from West Australia. This South African species can also be rejected.

PURPURA SCOBINA, Quoy & Gaimard.—Menke, Moll. Nov. Holl., 1843, p. 22, as from West Australia. This is a native of New Zealand not Australia.

PURPURA TROCHLEA, Lamarck.—Menke, Moll. Nov. Holl., 1843, p. 22. This shell belongs to South Africa not to Australia.

NASSA SERTUM, Bruguière.—*Buccinum sertum*, Bruguière, Encycl. Meth. Vers., I., 1789, p. 262 ; Reeve, Conch. Icon., III., 1846, pl. 6, f. 42. Monte Bello Islands (Brit. Museum).

DRUPA MARGARITICOLA, Broderip.—*Murex margariticola*, Brod. Proc., Zool. Soc., 1832, p. 177 ; Reeve, Conch. Icon., III., 1845, pl. 34 f. 178 ; *Sistrum undatum*, Smith, Proc. Zool. Soc., 1879, p. 213. Swan River ; Verco, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204, Geraldton ; Hedley, P.L.S., N.S.W., XXXIX., 1914, p. 750 ; *Purpura squamulosa*, Deshayes, An. s. vert. 1844, X., p. 104.

DRUPA CONCATENATA, Lamarck.—*Murex concatenata*, Lamarck, An. s. vert., VII., 1822, p. 176 ; *Ricinula concatenata*, Reeve, Conch., Icon., III., 1846, pl. 3, f. 18. Swan Point.

SUB-ORDER—PULMONATA.

Family—*Amphibolidæ*.

SALINATOR FRAGILIS, Lamarck.—*Ampullaria fragilis*, Lamarck, An. s. vert., VI., (2), 1822, p. 179 ; *Ampullacra fragilis*, Quoy & Gaim., Zool. Astrolabe, II., 1832, p. 201, pl. 15, f. 10–16. King George's Sound.

Family—*Auriculidæ*.

ELLOBIUM AURIS-JUDÆ, Linne.—*Bulla auris-judæ*, Linne, Syst. Nat., X., 1758, p. 728 ; *Auricula auris-judæ*, Sowerby, Conch. Icon.,

XX., 1878, pl. 3, f. 16; von Martens, Forsch. Gazelle, III., 1889, p. 193. Mermaid Strait.

PYTHIA ARGENVILLEI, Pfeiffer, Zeit, Malak., X., 1853, p. 191; *Scarabus argenvillei*, Reeve, Conch. Icon., XII., 1860, pl. 3, f. 24. W. Australia (Brit. Museum).

MARINULA XANTHOSTOMA, H. and A. Adams, Proc. Zool. Soc., 1854, p. 35; Hedley, P.L.S., N.S.W., XXVI., 1901, p. 704, pl. 34, fig. 18; Connolly, Ann. S. Afric. Mus., XIII., 1915, p. 116. Fremantle, Cossack.

RHODOSTOMA ANGULIFERA, Petit.—*Auricula angulifera*, Petit, Rev. Zool. 1841, p. 101; *A. subrepta*, Hombr. & Jacq., Voy. Pole Sud., Zool., IV., 1856, p. 36, pl. 9, f. 13-15; Menke, Moll. Nov. Holl., 1843, p. 8. North-West Australia.

RHODOSTOMA AURISFELIS, Bruguiere.—*Bulimus aurisfelis*, Brug., Encycl. Meth. I., Vers., 1789, p. 343, pl. 460, f. 5; Iredale, Proc. Zool. Soc. 1914, p. 667. Monte Bello Island.

PLECOTREMA BINNEYI, Crosse, Journ. de Conch, XV., 1867, p. 448, op. cit., XVII., 1869, p. 395, pl. 12, f. 5. Shark Bay.

MELAMPUS FLEXUOSUS, Crosse, Journ. de Conch, XV., 1867, p. 448, op. cit., XVII., 1869, p. 394, pl. 12, f. 4. Shark Bay.

Family—Siphonariidae.

SIPHONARIA BACONI, Reeve, Conch. Icon., IX., 1856, pl. 6, f. 30. Swan River; Verco. Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

SIPHONARIA DENTICULATA, Quoy & Gaimard, Zool. Astrolabe, II., 1833, p. 340, pl. 25, f. 19-20. King George's Sound; *Siphonaria alternicosta*. Pot. & Mich., Gal., de Moll. I., 1838, p. 55, pl. 10, f. 18-20; Menke, Moll. Nov. Holl., 1843, p. 5. West Australia.

SIPHONARIA DIEMENENSIS, Quoy & Gaimard, Zool., Astrolabe, II., 1833, p. 327, pl. 25, f. 1-12, Menke. Moll. Nov. Holl., 1843, p. 5. West Australia.

KERGUELENIA STOWÆ, Verco.—*Siphonaris stowæ*. Trans. Roy. Soc. S.A., XXX., 1906, p. 223, pl. 8, f. 3-8, XXXVI., 1912, p. 205. Geraldton.

Family—Limnæidae.

LIMNÆA EGREGIA, Preston, Proc. Malac. Soc., VII., 1906, p. 36, text fig. North-West Australia.

ISIDORA AUSTRALIS, Kuster.—*Physa australis*, Kuster, Conch. Cab., II., p. 9, pl. 1, f. 15-17; *P. elongata*, Menke (not Say), Moll. Nov. Holl., 1843, p. 8; Smith, Journ. Linne, Soc. Zool., XVI., 1881, p. 278, pl. 6, f. 7, 8. West Australia.

ISIDORA BREVICULMEN, Smith.—*Physa breviculmen*, Smith, Journ. Linne, Soc. Zool., XVI., 1881, p. 290, pl. 6, f. 26. King George's Sound.

ISIDORA DISPAR, Sowerby.—*Physa dispar* Sowerby, Conch. Icon., XIX., 1873, pl. 8, f. 66. Swan River.

ISIDORA EXARATA, Smith.—*Physa exarata*, Smith, Journ. Linne, Soc. Zool., XVI., 1881, p. 292, pl. 6, f. 28. Depuch Island.

ISIDORA GEORGIANA, Quoy & Gaimard.—*Physa georgiana*, Quoy & Gaimard, Zool. Astrolabe, II., 1833, p. 207, pl. 58, f. 23, 24. King George's Sound.

ISIDORA HAINESII, Tryon.—*Physa hainesii*, Tryon, Am. Journ. Conch., II., 1866, p. 9, pl. 2, f. 9. Depuch Island.

ISIDORA QUOYI, Smith.—*Physa quoyi*, Smith, Journ. Linne, Soc. Zool., XVI., 1881, p. 288, pl. 6, f. 24. King George's Sound.

ISIDORA TENUILIRATA, Smith.—*Physa tenuilirata*, Smith, Journ. Linne, Soc. Zool., XVI., 1881, p. 292, pl. 6, f. 27. Perth.

Family—Succineidæ.

SUCCINEA APERTA, Cox, Monog. Austr. Land Shells, 1868, p. 90, pl. 17, f. 6. King George's Sound.

SUCCINEA SCALARINA, Pfeiffer, Proc. Zool. Soc., 1861, p. 28; Smith, Proc. Malac. Soc., I., 1894, p. 97, pl. 7, f. 24. King George's Sound, E. Wallaby Island, Abrolhos; Aucey, P.L.S.N.S.W., XXII., 1898, p. 775. Lennard River.

SUCCINEA STRIGILLATA, Adams & Angas, Proc. Zool., Soc., 1864, p. 89; Cox, Mon. Austr. Land Shells, 1868, p. 89, pl. 15, f. 5, 5a. Sharks Bay.

Family—Bulimulidæ.

BOTHRIEMBRYON BACONI, Benson.—*Bulimus baconi*, Benson, Ann. Mag. Nat. Hist., 2 (XIII.), 1854, p. 99; Pilsbry, Man. Conch. XIII., 1900, p. 16, pl. 2, f. 42. Darling Range.

BOTHRIEMBRYON BULLA, Menke.—*Bulimus bulla*, Menke, Moll. Nov. Holl., 1843, p. 7; Kobelt, Conch. Cab., Lief. 467, 1901, p. 777, pl. 113, f. 15, 16. Darling Range.

BOTHRIEMBRYON DUX, Pfeiffer.—*Bulimus dux*, Pfeiffer, Proc. Zool. Soc., 1861, p. 24; Pilsbry, Man. Conch., XIII., 1900, p. 3, pl. 3, f. 62. King George's Sound, Israelite Bay, Fraser's Range.

BOTHRIEMBRYON DURUS, Kobelt, Conch. Cab., Lief. 467, 1901, p. 930, pl. 131, f. 1, 2. Hab.?

BOTHRIEMBRYON GRATWICKI, Cox.—*Bulimus gratwicki*, Cox., P.L.S., N.S.W., XXV., 1899, p. 435, f. 1-3. Fifty miles East from Israelite Bay.

BOTHRIEMBRYON INFLATUS, Lamarek.—*Bulimus inflatus*, Lamarek, An. s. vert, VI., 1822, p. 122; Pilsbry, Man. Conch., XIII., 1900, p. 3, pl. 1, f. 1-5. King George's Sound, Fremantle, Fraser Range.

BOTHRIEMBRYON INDUTUS, Menke.—*Bulimus indutus*, Menke, Moll. Nov. Holl., 1843, p. 6; Pilsbry, Man. Conch., XIII., 1900, p. 13, pl. 3, f. 58-60. Perth, Darling Range.

BOTHRIEMBRYON KINGII, Gray.—*Bulimus kingii*, Ann. of Philos., IX., 1825, p. 414; Pilsbry, Man. Conch., XIII., 1900, p. 7, pl. 2 f. 21-28. King George's Sound.

BOTHRIEMBRYON LEEUWINENSIS, Smith.—*Bulimus leeuwinensis*, Smith Proc. Malac. Soc., I., 1894, p. 94, pl. 7, f. 27. Cape Leeuwin.

BOTHRIEMBRYON MARTENSI, Kobelt, Conch. Cab. Lief. 463, 1901, p. 765, pl. 112, f. 3, 4. Hab. ?

BOTHRIEMBRYON ONSLOWI, Cox.—*Bulimus onslowi*, Cox, Ann. Mag. Nat. Hist. 3, (XIV.), 1864, p. 185. Pilsbry, Man. Conch., XIII., 1900, p. 11, pl. 3, f. 43–48. Dirk Hartog.

BOTHRIEMBRYON PHYSOIDES, Reeve.—*Bulimus physoides*, Reeve, Conch. Icon., V., 1849, pl. 70, f. 507. West Australia.

BULIMUS PONSONBII, Angas, Proc. Zool. Soc., 1877, p. 170, pl. 26, f. 1; this name, a synonym for *Hedleyella atomata*, was erroneously recorded from West Australia.

Family—Pupidae.

BIFIDARIA MOOREANA, Smith.—*Pupa mooreana*, Smith, Proc. Malac. Soc., I., 1894, p. 97, pl. 7, f. 25. Roebuck Bay.

BIFIDARIA WALLABYENSIS, Smith.—*Pupa wallabyensis*, Smith, Proc. Malac. Soc., I., 1894, p. 97. East Wallaby Island., Abrolhos.

PUPOIDES CONTRARIUS, Smith.—*Pupa contrarius*, Smith, Proc. Malac. Soc., I., 1894, p. 96; Tate, Horn Exped. Zool., 1896, p. 204, pl. 18, f. 15, pl. 19, f. 17. East Wallaby Island, Abrolhos.

PUPOIDES LEPIDULUS, Adams & Angas.—*Buliminus lepidulus*, Adams & Angas, Proc. Zool. Soc., 1864, p. 38, Sharks Bay; Cox, Monog. Austr. Land Shells, 1868, pl. XIX., f. 14.

PUPOIDES PACIFICUS, Pfeiffer.—*Bulimus pacificus* Pfeiffer, Proc. Zool. Soc., 1864, p. 31; Pilsbry, Proc. Acad. N. Sci., Philad., 1900, p. 426, f. 1; Smith, Zool. Erebus & Terror, 1874, p. 3, pl. 4, f. 6., Pidgeon Island; Smith, Proc. Malac. Soc., I., 1894, p. 96., Abrolhos, Roebuck Bay, Baudin, and Cassini Island.

VERTIGO LINCOLNENSIS, Cox.—*Pupa lincolnensis*, Cox, Mon. Austr. Land Shells, 1868, p. 80, pl. 4, f. 16; Smith, Proc. Malac. Soc., I., 1894, p. 96. Pidgeon and East Wallaby Island, Abrolhos.

Family—Helicidae.

CHLORITIS MICROMPHALA, Gude, Proc. Malac. Soc., VII., 1907, p. 231, pl. 21, f. 6. Barrier Range.

CHLORITIS MILLEPUNCTATA, Smith.—*Helix millepunctata*, Smith, Proc. Malac. Soc., I., 1894, p. 88, pl. 7, f. 11. Baudin Island.

Var. CASSINIENSIS, Smith, op. cit., pl. 7, f. 12. Cassini Island.

CHLORITIS PELODES, Pfeiffer.—*Helix pelodes* Pfeiffer, Proc. Zool. Soc., 1845, p. 126; *H. prunum*, Reeve, Conch. Icon., VII., 1852, pl. 68, f. 353; *C. pseudoprunum*, Pilsbry, Man. Conch., VIII., 1892, p. 271, pl. 55, f. 13–5; Gude, Proc. Malac. Soc., VII., 1906, p. 114. North-West Australia.

CHLORITIS PRUNUM, Ferussac.—*Helix prunum*, Ferussac & Deshayes, Hist. Nat. Moll., I., 1850, p. 255, pl. 26, f. 7-9; Fischer, Journ. de Conch., L., 1902, p. 385. N.W. Australia.

CHLORITIS RECTILABRUM, Smith.—*Helix rectilabrum*, Smith, Proc. Malac. Soc., I., 1894, p. 88, pl. 7, f. 14. Parry Harbour.

PLANISPIRA BATHURSTENSIS, Smith.—*Helix bathurstensis*, Smith, Proc. Malac. Soc., I., 1894, p. 93, pl. 7, f. 20. Heywood Island and Bathurst Island, King's Sound.

PLANISPIRA GASCOYNENSIS, Smith.—*Helix gascoynensis*, Smith, Proc. Malac. Soc., I., 1894, p. 93, pl. 7, f. 13. Gascoyne District.

PLANISPIRA FROGATTI, Ancey.—*Trachia frogatti*, Ancey, P.L.S., N.S.W., XXII., 1898, p. 774, pl. 36, f. 2. Oscar Range.

PLANISPIRA ORTHOCHEILA, Ancey.—*Trachia orthocheila*, Ancey, P.L.S., N.S.W., XXII., 1898, p. 774, pl. 36, f. 4. Oscar Range.

PLANISPIRA MONOGRAMMA, Ancey.—*Trachia monogramma*, Ancey, P.L.S., N.S.W., XXII., 1898, p. 775, pl. 36, f. 3. Oscar Range.

PLANISPIRA COLLINGII, Smith.—*Helix collingii*, Smith, Conchologist, II., 1893, p. 98, text fig. Baudin Island.

PLANISPIRA BAUDINENSIS, Smith.—*Helix baudinensis*, Smith, Conchologist, II., 1893, p. 97, text fig. Baudin Island.

RHAGADA AUSTRALIS, Menke.—*Helix australis*, Menke, Moll. Nov. Holl., 1843, p. 6, Mt. Eliza (?); Reeve, Conch. Icon., VII., 1852, pl. 131, f. 803; Benson, Ann. Mag. Nat. Hist., XI., 1853, p. 31.

RHAGADA ANGASIANA, Pfeiffer.—*Helix angasiana*, Pfeiffer, Journ. de Conch. X., 1862, p. 228, pl. 10, f. 2; Hedley, Proc. Malac. Soc., I., 1895, p. 260. Eucla.

RHAGADA BURNERENSIS, Smith.—*Helix burnerensis*, Smith, Proc. Malac. Soc., I., 1894, p. 91, pl. 7, f. 18, Barrier Range; Ancey, P.L.S., N.S.W., XXII., 1898, p. 776. Oscar Range.

RHAGADA CARCHARIAS, Pfeiffer.—*Helix carcharias*, Pfeiffer, Proc. Zool. Soc., 1863, p. 528, Sharks Bay; Cox, Monog. Austr. Land Shells, 1868, p. 45, pl. 20, f. 12.

RHAGADA CONVICTA, Cox.—*Helix convicta*, Cox, Proc. Zool. Soc., 1870, p. 171, pl. 16, f. 6; von Martens, Monat. Berl. Ak. Wiss., 1877, p. 272, pl. 1, f. 6, 7. Nicol Bay, Mermaid Strait, Cossack and Bezout Island.

RHAGADA CYRTOPLEURA, Pfeiffer.—*Helix cyrtopleura*, Pfeiffer, Journ. de Conch. X., 1862, p. 227, pl. 10, f. 1; Hedley, Proc. Malac. Soc., I., 1895, p. 260. Eucla.

RHAGADA DERBYI, Cox.—*Helix Derbyi*, Cox, P.L.S., N.S.W., XVI., 1892, p. 566, pl. 20, f. 4, 5; *H. derbyana*, Smith, Proc. Malac. Soc., I., 1894, p. 92, pl. 7, f. 19. Barrier Range.

RHAGADA FODINALIS, Tate.—*Helix fodinalis*, Tate, Trans. Roy. Soc., S.A., XVI., 1892, p. 63, pl. 1, f. 1. Between Victoria Spring and Fraser Range.

RHAGADA IMITATA, Smith.—*Helix imitata*, Smith, Proc. Malac. Soc., I., 1894, p. 92, pl. 7, f. 15. Cape Bougainville, Baudin. N. Maret and Condillac Islands.

Var. CASSINIENSIS, Smith, op. cit., pl. 7, f. 16. Cassini Island.

RHAGADA LEPTOGRAMMA, Pfeiffer — *Helix leptogramma*, Pfeiffer, Proc. Zool. Soc., 1845, p. 127; Smith, Zool. Erebus and Terror, 1874, p. 2, pl. 4, f. 18. Cygnet Bay, King Sound, Roebuck Bay.

RHAGADA MONTALIVETENSIS, Smith. — *Helix montalivetensis*, Smith, Proc. Malac. Soc., I., 1894, p. 91, pl. 7, f. 21. Montalivet Island.

RHAGADA OBLIQUERUGOSA, Smith. — *Helix obliquerugosa*, Smith, Proc. Malac. Soc., I., 1894, p. 90, pl. 7, f. 17. Parry Harbour.

RHAGADA MONTEBELLOENSIS, Preston, Rhagada, Proc. Malac. Soc., XI., 1914, p. 13, fig. Monte Bello Island.

RHAGADA PLICATA, Preston, Rhagada, Proc. Malac. Soc., XI., 1914, p. 13, fig. Monte Bello Island.

RHAGADA OSCARENSIS, Cox. — *Helix oscarensis*, Cox, P.L.S., N.S.W., XVI., 1892, p. 565, pl. 20, f. 6, 7; *Helix inconvicta*, Smith, Proc. Malac. Soc., I., 1894, p. 90, pl. 7, f. 10. Oscar Range; *Thersites woodwardi*, Fulton, Proc. Malac. Soc., V., 1902, p. 33, text fig.

RHAGADA PERINFLATA, Pfeiffer. — *Helix perinflata*, Pfeiffer, Proc. Zool. Soc., 1863, p. 528; Cox, Mon. Austr. Land Shells, p. 1868, p. 45, pl. 20, f. 2; Hedley, Proc. Malac. Soc., I., 1895, p. 259. Coolgardie, Cavanagh Range, Yilgarn.

RHAGADA PLECTILIS, Benson. — *Helix plectilis*, Benson, Ann. Mag. Nat. Hist., XI., 1853, p. 29. Sharks Bay and Swan River; Reeve, Conch. Icon., VII., 1853, pl. 172, f. 1162.

RHAGADA PRUDHOENSIS, Smith. — *Helix prudhoensis*, Smith, Proc. Malac. Soc., I., 1894, p. 91, pl. 7, f. 9. Prudhoe Island.

RHAGADA RADLEYI, Preston. — *Rhagada radleyi*, Preston, Proc. Malac. Soc., VIII., 1908, p. 120, text fig. W.A.

RHAGADA RICHARDSONII, Smith. — *Helix richardsonii*, Smith, Zool. Erebus and Terror, 1874, p. 2, pl. 4, f. 14. Depuch Island; *Helix elachystoma*, von Martens, Monat. Berl. Ak. Wiss., 1877, p. 273, pl. 1, f. 8, 9, Mermaid Strait.

RHAGADA SYKESI, Smith. — *Helix sykesi*, Smith, Proc. Malac. Soc., I., 1894, p. 92, pl. 7, f. 8. Parry Island, Admiralty Gulf.

RHAGADA TESCORUM, Benson. — *Helix tescorum*, Benson, Ann. Mag. Nat. Hist., XI., 1853, p. 30; Reeve, Conch. Icon., VII., 1853, pl. 171, f. 1154. Sharks Bay.

RHAGADA TORULUS, Ferussac. — *Helix torulus*, Ferussac, Hist. Nat. Moll., I., 1850, p. 114, pl. 27, f. 3, 4; *Helix reinga*, Reeve, Conch. Icon., VII., 1852, pl. 128, f. 772; Ancey, P.L.S., N.S.W., XXII., 1898, p. 776. Oscar Range, Barrier Range, Roebuck Bay and Dampier Archipelago.

ALBERSIA FORRESTIANA, Angas. — *Helix forrestiana*, Angas, Proc. Zool. Soc., 1875, p. 389, pl. 45, f. 3. North-West Australia. Hedley, P.L.S., N.S.W., XXXVIII., 1913, p. 260.

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HELICELLA VIRGATA, Linne.—This European species was recorded by Mr. Smith. Zool. Erebus and Terror, 1874, p. 2, from Foul Point, N.W. Australia.

Family—Rhytididæ.

RHYTIDA GEORGIANA, Quoy and Gaimard.—*Helix georgiana*, Quoy and Gaim., Zool. Astrolabe, II., 1832, p. 129, pl. 10, f. 26–30. King George's Sound.

Family—Endodontidæ.

ENDODONTA ALBANENSIS, Cox.—*Helix albanensis*, Cox, Mon. Austr. Land Shells, 1868, p. 15, pl. 4, f. 2. King George's Sound.

ENDODONTA CUPREA, Cox.—*Helix cuprea*, Cox, Monog. Austr. Land Shells, 1868, p. 22, pl. 12, f. 9; *Helix nupera*, Brazier, P.L.S., N.S.W., I., 1876, p. 18. King George's Sound.

ENDODONTA CYGNAEA, Benson.—*Helix cygnaea*., Benson, Ann. Mag. Nat. Hist., XI., 1853, p. 30; Reeve, Conch. Icon. VII., 1853, pl. 174, f. 1182. Perth.

ENDODONTA MILLESTRIATA, Smith.—*Helix millestriata*, Smith, Zool. Erebus, and Terror, 1874, p. 2, pl. 4, f. 5. Depuch Island.

ENDODONTA (?) SUBLESTA, Benson.—*Helix sublesta*, Benson, Ann. Mag. Nat. Hist., XI., 1853, p. 30; Reeve, Conch. Icon., VII., 1853, pl. 174, f. 1177. Fremantle.

PARALAOMA MORTI, Cox.—*Helix morti*, Cox, Ann. Mag. Nat. Hist., 3 (XIV.), 1864, p. 182; Monog. Austr. Land Shells, 1868, p. 21, pl. 11, f. 13. West Australia.

Family—Zonitidæ.

MICROCYSTIS LISSA, Smith.—*Lamproeystis lissa*, Smith, Proc. Malac. Soc., I., 1894, p. 86, pl. 7, f. 22, 23. Queen's Islet, Parry Island and Barrier Range.

HELICARION THOMSONI, Ancey.—Le Naturaliste, 1889, p. 260. Geographie Bay.

SUB-ORDER—OPISTHOBRANCHIA.

Family—Actæonidæ.

PUPA FLAMMEA, Gmelin.—*Voluta flammea*, Gmelin, Syst. Nat., XIII., 1791, p. 3435; *Tornatellina flammea*, Reeve, Conch. Icon., XV., 1865, pl. 1, f. 2; Brazier, P.L.S., N.S.W., IX., 1884, p. 798. Cossack.

PUPA SUTURALIS, A. Adams.—*Solidula suturalis*, A. Adams, Proc. Zool. Soc., 1854 (1855), p. 61; *Tornatella s.*, Reeve, Conch. Icon., XV., 1865, pl. 2, f. 9 c.; Brazier, P.L.S., N.S.W., IX., 1884, p. 798. Cossack.

Family—Ringiculidæ.

RINGICULA AUSTRALIS, Hinds.—Proc. Zool. Soc., 1844, p. 97; Crosse, Journ. de Conch., XIII., 1865, p. 4, pl. 2, f. 5; von Martens, Forsch. Gazelle, III., 1889, p. 191. Mermaid Strait.

Family—Scaphandridæ.

CYLICHNA ARACHIS, Quoy and Gaimard.—*Bulla arachis*, Quoy and Gaimard, Zool. Astrolabe, II., 1833, p. 361, pl. 26, f. 28–30. King George's Sound.

CYLICHNA PYGMAEA, Adams.—*Bulla pygmaea*, A. Adams, Thes. Conch., II., 1850, p. 595, pl. 125, f. 150; Tate, Trans. Phil. Soc. Adelaide, II., 1879, p. 137. King George's Sound.

RETUSA APICINA, Gould.—*Tornatina apicina*, Gould, Proc. Bost. Soc. Nat. Hist., VII., 1859, p. 129; *Urticulus avenarius*, Watson, Zool. Chall. XV., 1886, p. 658, pl. 49, f. 5; *T. fusiformis*, Vereo, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

RETUSA APICULATA, Tate. *Urticulus apiculata*, Tate, Trans. Phil. Soc., Adelaide, II., 1879, p. 138, pl. 5, f. 3. King George's Sound.

Family—Bullidæ.

BULLARIA AUSTRALIS, Gray.—*Bulla australis*, Gray, Ann. Philos. IX., 1825, p. 408; Quoy and Gaim., Zool. Astrolabe, II., 1833, p. 357, pl. 26, f. 38, 39. King George's Sound; Vereo, Trans. Roy. Soc. S.A., XXXVI., 1912, p. 204. Geraldton.

BULLARIA COLUMELLARIS, Menke, Bulla, Malak. Blatt., 1854, p. 26. Iredale, Proc. Zool. Soc. 1914, p. 667. Monte Bello Island.

BULLARIA QUOYI, Gray.—*Bulla quoyi*, Gray, Dieffenbach's, New Zealand, II., 1843, p. 243; Smith, Zool. Erebus and Terror, 1874, p. 5, pl. 1, f. 11; *B. striata*, Menke, Moll. Nov. Holl., 1843, p. 5. Woodman's Point.

BULLARIA TENUISSIMA, Sowerby.—*Bulla tenuissima*, Sowerby, Conch. Icon., XVI., 1868, pl. 2, f. 4. Swan River.

HAMINÆA BREVIS, Quoy and Gaimard.—*Bulla brevis*, Quoy and Gaimard, Zool. Astrolabe II., 1833, p. 358, pl. 26, f. 36, 37, King George's Sound.; *B. ovoidea*, Menke, Moll. Nov. Holl., 1843, p. 6. Fremantle.

HAMINÆA AMBIGUA, A. Adams.—*Bulla ambigua*, A. Adams, Thes. Conch., II., 1850, p. 582, pl. 124, f. 97. King George's Sound.

AKERA BICINCTA, Quoy and Gaimard.—*Bulla bicincta*, Quoy and Gaimard, Zool. Astrolabe, II., 1833, p. 355, pl. 26, f. 31, 32. King George's Sound.

Family—Aplustridæ.

HYDATINA PHYSIS, Linne.—*Bulla physis*, Linn, Syst. Nat. X., 1758, p. 727; Pilsbry, Man. Conch. XV., 1893, p. 387, pl. 45, f. 14–17; Vereo, Trans. Roy. Soc., S.A., XXXVI., 1912, p. 204. Geraldton.

Family—Aplysiliidæ.

TETHYS GIGANTEA, Sowerby.—*Aplysia gigantea*, Sowerby. Conch. Icon., XVII., 1869, p. 1, f. 1. Swan River.

GROUP—PTEROPODA.

Family—Cavoliniidae.

CLIO PYRAMIDATA, Linne.—Syst. Nat., XII., 1767, p. 1094 ; Souleyet, Zool. Bonite, II., 1852, p. 179, pl. 7, f. 17–25 ; Pfeiffer, Monats. Ak. Wiss. Berlin, 1879, p. 237, f. 7. N.W. Australia.

CAVOLINIA LONGIROSTRIS, Lesueur.—*Hyalaea longirostris*, Lesueur, Diet. Sci. Nat. XXII., 1821, p. 81 ; Boas, *Spolia Atlantica*, 1886, p. 102, pl. 1, f. 5 ; Pfeiffer, Monats. Ak. Wiss. Berlin, 1879, p. 235. N.W. Australia.

GROUP—NUDIBRANCHIATA.

Family—Scyllæidae.

SCYLLAEA PELAGICA, Linne.—Syst. Nat., X., 1758, p. 644 ; Cuvier, Ann. d. Mus., VI., 1, 1804, p. 424, West Australia ; Basedow and Hedley, Trans. Roy. Soc. S.A., XXIX., 1905, p. 148, pl. 9, f. 1, 2.

Family—Phylliroidea.

PHYLLIRHOA LICHTENSTEINII, Eschscholtz. *Eurydice liechtensteinii*, Eschscholtz, Isis, 1825, I., p. 737, pl. 5, f. 1 ; *Phylliroe punctulatum*, Quoy and Gaimard, Zool. Astrolabe, II., 1833, p. 407, pl. 28, f. 15–18. West Australia.

Family—Pleurophyllidiadae.

PLEUROPHYLLIDIA CYGNEA, Bergh.—Malak. Blatt., XXIII., 1876, p. 9, pl. 1, f. 1–7. Swan River ; Basedow and Hedley, Trans. Roy. Soc. S.A., XXIX., 1905, p. 149, pl. 10–12.

Family—Dorididae.

HEXABRANCHUS IMPERIALIS, Kent.—*Doris imperialis*, Kent, Naturalist in Australia, 1897, p. 151, pl. 5. Rat Island, Abrolhos.

KENTRODORIS MACULOSA, Cuvier.—*Doris maculosa*, Cuvier, Ann. du Museum, IV., 1804, p. 466 ; Quoy and Gaimard, Zool. Astrolabe, II., 1833, p. 249, pl. 16, f. 3–5. Sharks Bay.

CERATOSOMA BREVICAUDATUM, Abraham.—Ann. Mag. Nat. Hist., 4 (XVIII.), 1876, p. 142, pl. 7, f. 6. West Australia.

Family—Phylliadae.

PHYLLIDIA VARICOSA, Lamarck.—Syst. Anim. s. Vert., f. 1801, p. 66 ; Quoy and Gaimard, Zool. Astrolabe, II., 1832, p. 292, pl. 21, f. 25. Dampier Archipelago.

CLASS—SCAPHOPODA.

DENTALIUM EBURNEUM, Sowerby.—Genera of Shells, I., 1823, pl. 138, f. 6; von Martens, Forsch. Gazelle. III., 1889, p. 194, 9 fath. Mermaid Straits.

DENTALIUM FRANCISENSE, Verco.—Trans. Roy. Soc., S.A., XXXV., 1911, p. 207, pl. 26, f. 1, 15 fath. Geographe Bay, 6 f. Fremantle, Rottnest Island, Bunbury.

DENTALIUM GAZELLAE, Plate.—Valdivia Exped., IX., 1908, p. 356, pl. 30, f. 40–41. 9 fath. North-West Australia.

DENTALIUM HYPERHEMILEURON, Verco.—Trans. Roy. Soc., S.A., XXXV., 1911, p. 217, pl. 26, f. 3, 12–14 fath. King George's Sound, 15 f. Geographe Bay. 110–12 f. Fremantle.

DENTALIUM ZELANDICUM, Sowerby.—Thes. Conch., III., 1860, p. 101, pl. 223, f. 13; von Martens, Forsch. Gazelle, III., 1889, p. 196, 50 fath. Mermaid Straits.

CADULUS ANGUSTIOR, Verco.—Trans. Roy. Soc., S.A., XXXVI., 1911, p. 211, 218, pl. 26, f. 5, 35 fath. Hopetoun. 12–14 f. King George's Sound, 15 f. Geographe Bay.

CADULUS OCCIDUUS, Verco.—Trans. Roy. Soc., S.A., XXXV., 1911, p. 202, 218, pl. 26, f. 7. 15 Geographe Bay, 10–12 f. Fremantle, Geraldton.

SUB-KINGDOM—BRACHIOPODA.

ORDER—TELOTREMATA.

Family—Terebratellidæ.

TEREBRATULINA CANCELLATA, Kuster.—Conch. Cab., VII., 1843, p. 35, pl. 2b, f. 11–13. West Australia.

MAGELLANIA FLAVESCENS, Lamarck, *Terebratula flavescens* An. s. vert., IV., 1819, p. 246; Davidson, Trans. Linn. Soc. IV., 1886, p. 41. Pl. VII., figs. 6–19. Bunbury (Henn).

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