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CHAPTER 12

MARINE MOLLUSCS OF THE COCOS (KEELING) ISLANDS

BY

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INTRODUCTION

Compared to other localities in the eastern Indian Ocean, the molluscs of the Cocos (Keeling) Islands were relatively well known prior to the Western Australian Museum survey in February 1989. Two short papers on the molluscs of the atolls were presented by Marratt (1879) and Rees (1950). A much more extensive list was prepared by Abbott (1950). Mrs. R.E.M. Ostheimer and Mrs. V.O. Maes spent the first two months of 1963 on Cocos collecting for the Academy of Natural Sciences of Philadelphia, as part of the International Indian Ocean Expedition. Maes (1967) presented a complete list of the species collected, and included records of species recorded by Marratt (1879) or Abbott (1950) that she did not collect on the islands. A total of 504 species were recorded, 379 of which were identified to species.

With their longer time on the atoll Maes and Ostheimer naturally collected more species than the Western Australian Museum expedition, but their collections were primarily restricted to relatively shallow water as they did not scuba-dive. They did however do some dredging in the lagoon. The Museum team collected in many of the same localities as Maes and Ostheimer, but also dived in a number of areas. Because of this many of the species which live in deeper water that were recorded by only a few specimens by Maes (1967) were shown to in fact be common.

The following list shows all of the mollusc species known from Cocos (Keeling). Station numbers are those of the Western Australian Museum expedition (see Chapter 2). Indications of abundance are given in four categories: abundant, common, uncommon and rare. These are subjective and not quantitative. The abundance categories are based partly on the number of stations at which a species was collected, but also on the number of specimens collected and whether or not the specimens were collected alive or as a broken dead shell. Thus it is possible for a bivalve species collected at two stations as single dead valves to be rare while another species collected at one station may be listed as common because several live animals were collected. Despite these limitations use of the four categories can provide an idea of the relative abundances of the different species. In a number of cases species recorded by previous papers were not collected by the Western Australian Museum team; these are included in the species list and are annotated. In some cases Maes (1967) recorded a species whose name has subsequently been changed or provided a photograph that we consider represents a different species. To avoid confusion by people not familiar with molluscs in comparing the two species lists I have annotated our identification of the species with the name used by Maes. Several pelagic molluscs recorded by Maes have been deleted as they occur in the water column and not on the bottom. Maes recorded species in a number of families that were identified only to generic level. To avoid the possibility of duplication, these have been excluded from the list where the Western Australian Museum team found species recorded in the family that were not

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found by Maes. In a survey such as this where molluscs of all groups have been collected species identifications should be regarded with caution. The list however does provide a good basic knowledge of the molluscs which live on the Cocos (Keeling) Islands.

The following list shows that 610 species of molluscs are known from the Cocos (Keeling) Islands. There are 496 gastropods, 109 bivalves, 1 chiton, and 4 cephalopods. No monoplacophorans, aplacophorans or scaphopods are known from the islands. The fauna is diverse, and compares favourably with the total number of species known from nearby areas that have been studied: 543 from the Maldives (Robertson, unpublished list cited by Maes), 490 from Christmas Island (Wells and Slack-Smith, 1987), and 581 from atolls off the coast of northwestern Australia (Wells, 1987).

Maes (1967) was intrigued by the zoogeographical relationships of the 379 mollusc species she was able to identify to species: 82% were widespread Indo-Pacific forms, 15% were Pacific species and only 3% had Indian Ocean affinities. She thus concluded that while Cocos (Keeling) is in the Indian Ocean, the islands have a greater faunal affinity with the western Pacific than with the remainder of the Indian Ocean. However since her paper was published the Western Australian Museum has had a number of expeditions to the coral atolls off the northwest coast of Western Australia and also to Christmas Island, some 900 km northeast of Cocos (Keeling), the molluscs of which are reported in a series of papers and reports (Wells 1986; 1987; Wells and Slack-Smith 1987). Comparison of these recent data with Cocos (Keeling) will provide a better idea of the zoogeographic relationships of the atoll.

Many of the species at Cocos and in the other areas are either not identified to species or are identified only provisionally. For these reasons Wells (1986) selected 20 families of prosobranch gastropods for a detailed examination of the zoogeographic relationships of the molluscs of the atolls off northwestern Australia. The families were selected because the individual species are generally large and well known taxonomically, and they are well represented in museum collections. The same 20 families are examined here. For the Cocos material 248 species of the total of 584, or 42%, of all species collected belong to the 20 families. Thus they can be considered as representative of molluscs as a whole. An index of overlap (Krebs 1978) was calculated for all combinations of Cocos (Keeling), Christmas Islands and atolls off the northwestern Australian coast. The index varies from 0 where there is no overlap to 1 where the overlap is total. Values obtained were:

Cocos-Christmas	0.52
Cocos-Northwestern Australian atolls	0.57
Christmas-Northwestern Australia	0.52

All three overlaps are relatively low, probably due to our rather limited knowledge of the fauna of the three areas. However the overlaps are similar among the three areas. Most of the species recorded were found at two or three of the areas. Maes (1967) commented upon several species as not occurring in Western Australia; all were found on the surveys of offshore coral reefs. Based on the increased data now available it appears that the molluscs of Cocos (Keeling) have very close faunal affinities with those of Christmas Island and the offshore areas of Western Australia. Many of the species that Maes considered to be western Pacific are in fact found throughout the three areas of the eastern Indian Ocean and should be considered to be Indo-Pacific species. Perhaps if there is a specific Indian Ocean mollusc fauna it occurs primarily in the western Indian Ocean

and only a few species reach as far east as Cocos (Keeling), or in the case of species such as *Drupa lobata* even as far as the west coast of Western Australia.

Neither Maes (1967) nor the Western Australian Museum survey recorded the largest of the giant clam species, *Tridacna gigas*, as living on Cocos (Keeling). However large numbers of long dead shells line the shoreline of Home Island. This suggests that *T. gigas* occurred on the atoll when it was first inhabited but became locally extinct as it was collected by Cocos Malays for food.

The spider shell *Lambis lambis* occurs in large numbers in shallow water in the southern part of the lagoon at Cocos. It is easily collected and is regarded as a delicacy by the Cocos Malays. The same species is also collected for food in many other areas of the Indo-Pacific but a thorough literature search failed to find a single study of the fishery biology of any species of *Lambis*. Being a relatively large species that occurs in shallow water *L. lambis* could be easily fished out, and become locally extinct as did *T. gigas*. If there is to be effective management of the marine environment of the Cocos (Keeling) Islands a study of the population biology of *Lambis lambis* is urgently needed.

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LIST OF MOLLUSCS

CLASS POLYPLACOPHORA

ACANTHOCHITONIDAE

Acanthochitona sp.

Maes

CLASS GASTROPODA

SCISSURELLIDAE

sp.

Maes

FISSURELLIDAE

Emarginula sp.

Maes

TROCHIDAE

Ethalia striolata (A. Adams, 1853)

Maes

Euchelus foveolatus (A. Adams, 1851)

Maes

Euchelus cf. *instrictus* (Gould, 1851)

Maes

Monilea cf. *nucleus* (Philippi, 1849)

9, 13, 23, Rare

Trochus maculatus Linnaeus, 17581, 2, 6, 9, 10, 12, 14, 15,
16, 17, 23, 25, 26, 27, 29,
36, Abundant.

STOMATIIDAE

Broderipia rosea (Broderip, 1834)

Maes

Stomatella impertussa (Burrow, 1815)

Maes

Stomatia phymotis Helbling, 1779

Maes

Stomatia cf. *rubra* (Lamarck, 1822)

Maes

Synaptocochlea sp.

Maes

TURBINIDAE

Astraliium calcar (Linnaeus, 1758)

32, Uncommon

Astraea helicina (Gmelin, 1791)

6, 9, 10, 12, 15, Uncommon

Leptothyra solida Preston, 1908

Maes

Parviturbo parvissima (Hedley, 1899)

Maes

Turbo lajonkairii Deshayes, 18391, 5, 7, 10, 11, 12, 14, 15,
23, 27, 30, 32, Abundant*Turbo petholatus* Linnaeus, 1758

2, 16, 17, 23, Uncommon

PHASIANELLIDAE

Hiloa variabilis (Pease, 1860)

Maes

NERITIDAE

Nerita albicilla Linnaeus, 17582, 6, 10, 12, 27, 30,
Common*Nerita costata* Gmelin, 1791

Maes

Nerita maxima Gmelin, 1791

Maes

Nerita plicata Linnaeus, 17581, 2, 6, 10, 12, 21, 30,
Abundant

<i>Nerita polita</i> Linnaeus, 1758	27, Common
<i>Nerita undata</i> Linnaeus, 1758	2, Common
<i>Nerita</i> sp.	2, Uncommon
<i>Smaragdia rangiana</i> (Recluz, 1841)	Maes
<i>Smaragdia souverbiana</i> (Montrouier, 1865)	Maes
PHENACOLEPIDAE	
<i>Phenacolepas</i> cf. <i>senta</i> Hedley, 1899	Maes
<i>Phenacolepas</i> sp.	Maes
NERITOPSIDAE	
<i>Neritopsis radula</i> (Linnaeus, 1758)	13, 23, Rare
LITTORINIDAE	
<i>Littoraria coccinea</i> (Gmelin, 1791)	Abbott
<i>Littoraria glabrata</i> (Philippi, 1846)	Maes
<i>Littoraria scabra</i> (Linnaeus, 1758)	2, Uncommon
<i>Littoraria undulata</i> (Gray, 1839)	2, 12, 21, Common
<i>Nodilittorina pyramidalis</i> (Quoy and Gaimard, 1833)	Maes
<i>Tectarius granularis</i> (Gray, 1839)	Maes
VITRINELLIDAE	
<i>Teinostoma</i> sp.	Maes
<i>Vitrinella</i> sp.	Maes
TRUNCATELLIDAE	
<i>Truncatella guerinii</i> A. and J. Villa, 1841	Maes
RISSOIDAE	
<i>Haurakia isolata</i> Laseron, 1956	Maes
<i>Pyramidelloides</i> cf. <i>miranda</i> (A. Adams, 1861)	Maes
<i>Rissoina ambigua</i> Gould, 1851	Maes
<i>Rissoina balteata</i> Pease, 1870	Maes
<i>Rissoina ephamilla</i> Watson, 1886	Maes
<i>Rissoina exasperata</i> Souverbie, 1866	Maes
<i>Rissoina polytropa</i> Hedley, 1899	Maes
<i>Rissoina</i> cf. <i>tenuistriata</i> Pease, 1867	Maes
<i>Rissoina triticea</i> Pease, 1862	Maes
<i>Rissoina turricula</i> Pease, 1860	Maes
<i>Rissoina</i> sp.	Maes
<i>Zebina semiplicata</i> (Pease, 1862)	Maes
<i>Zebina tridentata</i> Michaud, 1860	Maes
ASSIMINEIDAE	
<i>Assiminea</i> sp.	Maes
OMALOGYRIDAE	
<i>Omalogyra</i> sp.	Maes
RISSOELLIDAE	
3 undetermined species	Maes

ARCHITECTONICIDAE

Heliacus sp.

13, 23, Rare

Philippia radiata (Röding, 1798)

22, Rare

VERMETIDAE

Dendropoma maxima (Sowerby, 1825)5, 6, 7, 10, 12, 19, 36
Abundant

CAECIDAE

Caecum sp.

Maes

PLANAXIDAE

Planaxis lineatus (DaCosta, 1776)

Maes

MODULIDAE

Modulus tectum (Gmelin, 1791)

Maes

CERITHIIDAE

Bittum sp.

9, 16, 23, 29, Common

Cerithium atromarginatum Dautzenberg and Bouge, 1933

10, 12, 13, 27, Uncommon

Cerithium columna Sowerby, 18311, 6, 7, 13, 23, 27, 32,
Abundant*Cerithium echinatum* Lamarck, 18225, 7, 9, 13, 15, 19, 22, 23,
25, 32, Abundant*Cerithium egenum* Gould, 1849

13, 27, Rare

Cerithium cf. *ianthinum* Gould, 1851

13, Rare

Cerithium nesioticum Pilsbry and Vanetta, 1905

13, 19, 22, 32, Common

Cerithium nodulosum (Bruguère, 1792)1, 2, 5, 9, 11, 12, 17, 29,
35, Common*Cerithium piperitum* Sowerby, 1855

Maes

Cerithium purpurascens Sowerby, 1855

Maes

Cerithium rarimaculatum Sowerby, 1855

7, 13, 22, 25, 32, Common

Cerithium rostratum Sowerby, 1855

9, 13, 23, Uncommon

Cerithium trailli (Sowerby, 1855)

16, 26, 29, Uncommon

Diala albugo (Watson, 1886)

Maes

Gourmya gourmyii (Crosse, 1861)

19, Rare

Obtortio diplax (Watson, 1886)

Maes

Rhinoclavis asper (Linnaeus, 1758)

12, 22, Uncommon

Rhinoclavis diadema Houbriek, 19785, 6, 7, 9, 12, 13, 15, 19,
22, 23, Abundant*Rhinoclavis fasciatus* (Bruguère, 1792)9, 14, 15, 17, 19, 22, 32,
Abundant(referred to *R. procera* (Kiener, 1841) by Maes)*Rhinoclavis sinensis* (Gmelin, 1791)

1, 5, 6, 9, 10, 27, Common

Rhinoclavis vertagus (Linnaeus, 1767)

2, 9, 12, 17, 27, 29 36

Common

Clypeomorus bifasciata (Sowerby, 1855)2, 7, 21, 27, 35, 36,
Abundant

CERITHIOPSISIDAE

Cerithiopsis four unidentified species

Maes

TRIPHORIDAE

<i>Triphora alveolata</i> Adams and Reeve, 1850	Maes
<i>Triphora concors</i> Hinds, 1843	Maes
<i>Triphora rubra</i> Hinds, 1843	Maes
<i>Triphora ustulata</i> Hervier, 1897	Maes
<i>Triphora verrucosa</i> Adams and Reeve, 1850	Maes
<i>Triphora violacea</i> Quoy and Gaimard, 1834	Maes
<i>Triphora</i> sp.	Maes
<i>Viriola cancellata</i> (Hinds, 1843)	Maes
<i>Viriola intergranosa</i> (Hervier, 1897)	Maes
<i>Viriola interfilata</i> (Gould, 1861)	Maes

EPITONIIDAE

<i>Epitonium alata</i> (Sowerby, 1844)	Maes
<i>Epitonium martinii</i> (Wood, 1828)	Maes
<i>Epitonium "muricatum"</i> Risso (of Kiener, 1838-39)	Maes
<i>Epitonium</i> cf. <i>symmetrica</i> (Pease, 1867)	Maes
<i>Nodiscala? attenuata</i> (Pease, 1860)	Maes
<i>Epitonium</i> 3 unidentified species	Maes

EULIMIDAE

<i>Balcis cumingi</i> (A. Adams, 1854)	Maes, 13 Rare
<i>Balcis</i> 4 additional species	Maes
Sp. 1	10, Rare

STILIFERIDAE

? <i>Stilifer dubia</i> Sowerby, 1878	Abbott
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FOSSARIDAE

<i>Couthouyia stoliczkanus</i> Nevill, 1871	Maes
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VANIKORIDAE

<i>Vanikoro cancellata</i> (Lamarck, 1822)	25, Rare
<i>Vanikoro distans</i> (Recluz, 1843)	25, Rare

HIPPONICIDAE

<i>Sabia concia</i> (Schumacher, 1817)	12, 23, 27, Common
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CALYPTRAEIDAE

<i>Cheilea equestris</i> (Linnaeus, 1758)	12, 23, Uncommon
<i>Cheilea hipponiciformis</i> (Reeve, 1858)	Maes

STROMBIDAE

<i>Lambis chiragra</i> (Linnaeus, 1758)	1, 7, 12, Uncommon
<i>Lambis lambis</i> (Linnaeus, 1758)	9, 12, 35, 36, Adundant
<i>Lambis truncata</i> (Humphrey, 1786)	23, Rare
<i>Strombus aurisdianae</i> Linnaeus, 1758	Maes
<i>Strombus gibberulus</i> Linnaeus, 1758	5, 9, 12, 15, 27, 29, Common
<i>Strombus lentiginosus</i> Linnaeus, 1758	5, 23, Rare
<i>Strombus luhuanus</i> Linnaeus, 1758	9A, 23, Uncommon
<i>Strombus microurceus</i> (Kira, 1959)	9A, Uncommon]

<i>Strombus mutabilis</i> Swainson, 1821	1, 5, 9, 12, 27, Common
NATICIDAE	
<i>Eunaticina papilla</i> (Gmelin, 1791)	19, Rare
<i>Natica fasciata</i> (Röding, 1798)	17, Rare
<i>Natica gualtieriana</i> (Recluz, 1844)	2, 27, 35, Common
<i>Natica lemniscata</i> Philippi, 1852	Maes
<i>Natica lineozona</i> Jousseume, 1874	Maes
<i>Natica marochiensis</i> Gmelin, 1791	Maes
<i>Natica orientalis</i> Gmelin, 1791	Maes
<i>Natica robillardi</i> Sowerby, 1893	9, 29, Rare
<i>Polinices mammilla</i> (Linnaeus, 1758)	Maes
<i>Polinices melanostomus</i> (Gmelin, 1791)	7, Rare
<i>Polinices simiae</i> (Deshayes, 1838)	Maes
<i>Polinices tumidus</i> (Swainson, 1840)	5, 6, 9, 10, 12, 13, 15, 23, Adundant
LAMELLARIIDAE	
<i>Lamellaria</i> sp.	Maes
ERATOIDAE	
<i>Proterato sulcifera</i> (Gray, 1832)	Maes
<i>Trivia insecta</i> (Mighels, 1845)	Maes
<i>Trivia oryza</i> (Lamarck, 1810)	Maes
<i>Trivia pellucidula</i> (Reeve, 1846)	Maes
<i>Trivia producta</i> (Gaskoin, 1836)	Maes
OVULIDAE	
<i>Calpurneus lacteus</i> (Lamarck, 1810)	13, Rare
<i>Calpurneus verrucosus</i> (Linnaeus, 1758)	Maes
<i>Ovula ovum</i> (Linnaeus, 1753)	Maes
<i>Pseudocypraea adamsoni</i> (Gray, 1832)	Maes
CYPRAEIDAE	
<i>Cypraea annulus</i> Linnaeus, 1758	1, 6, 10, 27, Common
<i>Cypraea arabica</i> Linnaeus, 1758	12, 27, Uncommon
<i>Cypraea boivinii</i> Kiener, 1843	Maes
<i>Cypraea caputserpentis</i> Linnaeus, 1758	1, 11, 12, 27, Common
<i>Cypraea carneola</i> Linnaeus, 1758	13, Uncommon
<i>Cypraea caurica</i> Linnaeus, 1758	Maes
<i>Cypraea chinensis</i> Gmelin, 1791	Maes
<i>Cypraea coloba</i> Melvill, 1888	9A, Rare
<i>Cypraea depressa</i> Gray, 1824	1, 10, 12, 27, Common
<i>Cypraea erosa</i> Linnaeus, 1758	5, 12, 27, Uncommon
<i>Cypraea fimbriata</i> Gmelin, 1791	13, 19, Rare
<i>Cypraea globulus</i> Linnaeus, 1758	3, 13, Rare
<i>Cypraea helvola</i> Linnaeus, 1758	1, 12, 13, 23, Uncommon
<i>Cypraea hirundo</i> Linnaeus, 1758	1, 19, Uncommon
<i>Cypraea histrio</i> Gmelin, 1791	1, 6, 7, 12, 21, 23, Common
<i>Cypraea isabella</i> Linnaeus, 1758	9, 12, 13, 25, 32, Common

<i>Cypraea labrolineata</i> Gaskoin, 1849	7, 13, 15, 19, 22, 23, Common
<i>Cypraea lynx</i> Linnaeus, 1758	3, 7, Uncommon
<i>Cypraea mauritiana</i> Linnaeus, 1758	27, Rare
<i>Cypraea microdon</i> Gray, 1828	Maes
<i>Cypraea moneta</i> Linnaeus, 1758	1, 2, 5, 6, 9, 10, 12, 16, 17, 26, 27, 29, 35, 36, Adundant
<i>Cypraea nucleus</i> Linnaeus, 1758	Maes
<i>Cypraea poraria</i> Linnaeus, 1758	27, 32, Uncommon
<i>Cypraea punctata</i> Linnaeus, 1771	13, Uncommon
<i>Cypraea stolidia</i> Linnaeus, 1758	32, Uncommon
<i>Cypraea talpa</i> (Linnaeus, 1758)	13, 15, Rare
<i>Cypraea teres</i> Gmelin, 1791	13, 25, 32, Rare
<i>Cypraea testudinaria</i> Linnaeus, 1758	Maes
<i>Cypraea tigris</i> Linnaeus, 1758	12, 18, 22, 36, Rare
<i>Cypraea vitellus</i> Linnaeus, 1758	36, Uncommon
TONNIDAE	
<i>Malea pomum</i> (Linnaeus, 1758)	12, Rare
<i>Tonna canaliculata</i> (Linnaeus, 1758)	36, Rare
<i>Tonna perdix</i> (Linnaeus, 1758)	12, 27, 30, Rare
CASSIDAE	
<i>Casmaria erinaceus</i> (Linnaeus, 1758)	Maes
<i>Cypraecassis rufa</i> (Linnaeus, 1758)	Maes
CYMATIIDAE	
<i>Charonia tritonis</i> (Linnaeus, 1758)	12, 21, Rare
<i>Cymatium aquatile</i> (Reeve, 1844)	16, Rare
<i>Cymatium lotorium</i> (Linnaeus, 1758)	Maes
<i>Cymatium nicobaricum</i> (Röding, 1798)	2, 6, 9, 10, 15, 16, 17, 27, 29, 35, 36
<i>Cymatium pileare</i> (Linnaeus, 1758)	Maes
<i>Cymatium pyrum</i> (Linnaeus, 1758)	13, 23, Uncommon
<i>Cymatium rubeculum</i> (Linnaeus, 1758)	9, 32, Uncommon
<i>Cymatium vespereum</i> (Lamarck, 1822)	Maes
<i>Distorsio anus</i> Linnaeus, 1758	6, Rare
<i>Gutturnium muricinum</i> (Gmelin, 1791)	1, 9, 29, 36, Uncommon
<i>Septa gemmata</i> (Reeve, 1844)	1, 10, 17, 18, 27, 29, Common
<i>Gelagna succincta</i> (Linnaeus, 1771)	13, Rare
<i>Linatella clandestina</i> (Lamarck, 1816)	Abbott
BURSIDAE	
<i>Bursa bufonia</i> (Gmelin, 1791)	1, 10, 12, 27, Common
<i>Bursa cruentata</i> (Sowerby, 1841)	13, 23, 32, Common
<i>Bursa granularis</i> (Röding, 1798)	1, 5, 6, 9, 10, 12, 27, 32, Common
<i>Bursa lamarcki</i> (Deshayes, 1853)	19, Rare
<i>Bursa rhodostoma</i> (Sowerby, 1835)	9, 23, Uncommon
<i>Bursa tuberosissima</i> (Reeve, 1844)	25, Rare
<i>Tutufa rubeta</i> (Linnaeus, 1758)	23, Rare

COLUBRARIIDAE

Colubraria nitidula (Sowerby, 1833)
Colubraria muricata (Lightfoot, 1786)

15, Rare
 7, 9, Uncommon

MURICIDAE

Aspella anceps (Lamarck, 1822)
Chicoreus saulii (Sowerby, 1841)

Maes
 7, 6, 9, 13, 15, 19, 21, 22,
 23,32, Abundant

(listed as *Murex torrefactus* Sowerby, 1841 by Maes)

Murex ramosus Linnaeus, 1758
Naquetia triquetra (Born, 1778)

Abbott
 23, Rare

THAIDIDAE

Cronia crassulnata (Hedley, 1915)
Drupa clathrata (Lamarck, 1816)
Drupa grossularia Röding, 1798
Drupa lobata (Blainville, 1832)
Drupa morum (Röding, 1798)

27, Rare
 Maes
 Maes
 23, Uncommon
 1, 5, 6, 10, 11, 12, 27,
 Common

Drupa pophyrostoma (Reeve, 1846)
Drupa ricinus (Linnaeus, 1758)

6, Rare
 1, 6, 12, 15, 27, 30,
 Common

Drupa rubusidaeus Röding, 1798
Drupella chaidea (Duclos, 1832)
Drupella cornus (Röding, 1798)

13, 15, 23, 32, Common
 Maes
 10, 13, 16, 29, 30, 36,
 Common

Drupella ochrostoma (Blainville, 1832)
Maculotrion digitalis (Reeve, 1844)
Maculotrion sculptilis (Reeve, 1846)
Maculotrion serriale (Deshayes, 1834)
Morulaanaxeres (Kiener, 1845)
Morula biconica (Blainville, 1832)
Morula fiscella (Gmelin, 1791)
Morula fusconigra (Dunker, 1871)
Morula granulata (Duclos, 1832)
Morula margariticola (Broderip, 1832)

Maes
 13, 27, Uncommon
 Maes
 6, 10, 13, 27, 30, Common
 6, Rare
 Maes
 27, Rare
 Maes
 6, 10, 12, 27, 30, Common
 1, 6, 12, 13, 27, 29, 32, 36,
 Common

Morula marginatra (Blainville, 1832)
Morula nodicostata (Pease, 1868)
Morula spinosa (H. and A. Adams, 1835)

Maes
 13, 30, Common
 1, 7, 13, 19, 25, 32,
 Common

Morula uva (Röding, 1798)

1, 5, 6, 9, 10, 12, 13, 19,
 22, 23, 27, 30, 32, Abundant

Nassa sarta (Bruguière, 1789)
Purpura persica (Linnaeus, 1758)
Thais aculeata (Deshayes, 1844)
Thais armigera (Link, 1807)
Thais hippocastanum (Linnaeus, 1758)

Maes
 Maes
 5, 6, 10, 19, 27, Uncommon
 1, 10, 12, 27, Uncommon
 Maes

CORALLIOPHILIDAE

Coralliophila deformis (Lamarck, 1822)

Maes

<i>Coralliophila erosa</i> (Röding, 1798)	13, 36, Uncommon
<i>Coralliophila robillardi</i> (Lienard, 1870)	13,30, Uncommon
<i>Coralliophila violacea</i> (Kiener, 1836)	5, 7, 9, 12, 13, 15, 19, 22, 23, 26, 32, Abundant
<i>Quoyula madreporarum</i> (Sowerby, 1832)	7, 10, 13, 23, 32, Common
<i>Rapa rapa</i> (Gmelin, 1791)	7, 13, 25, 32, Common

COLUMBELLIDAE

<i>Aesopus cumingi</i> (Reeve, 1859)	Maes
<i>Mitrella marquesa</i> (Gaskoin, 1851)	Maes
<i>Pyrene obtusa</i> (Sowerby, 1832)	5, 7, 13, 23, 32, Common
<i>Pyrene turturina</i> (Lamarck, 1822)	5, 7, 9, 10, 12, 13, 19, 22, 23, 29, Common
<i>Pyrene varians</i> (Sowerby, 1832)	9, 13, 32, Uncommon
<i>Zafra sinensis</i> (Sowerby, 1894)	Maes

BUCCINIDAE

<i>Cantharus cf. fragaria</i> (Reeve, 1846)	7, 13, 19, 23, Common
<i>Cantharus fumosus</i> (Dilwyn, 1817)	9, 17, Uncommon
<i>Cantharus iostomus</i> (Gray, 1834)	19, 22, 29, Uncommon
<i>Cantharus pulcher</i> (Reeve, 1846)	7, 19, 32, Uncommon
<i>Cantharus undosus</i> (Linnaeus, 1758)	1, 5, 6, 10, 27, Common
<i>Engina incarnata</i> (Deshayes in Laborde and Linant, 1834)	7, Rare
<i>Engina lauta</i> (Reeve, 1846)	Maes
<i>Engina lineata</i> (Reeve, 1846)	13, 27, Uncommon
<i>Engina melanozona</i> Tomlin, 1928	Maes
<i>Engina mendicaria</i> (Linnaeus, 1758)	27, Uncommon
<i>Engina parva</i> Pease, 1867	13, Rare
<i>Engina zonalis</i> (Lamarck, 1812)	6, 27, Uncommon
<i>Nassaria pusilla</i> (Röding, 1798)	32, Rare
<i>Pisania fasciculata</i> (Reeve, 1846)	Maes
<i>Pisania marmorata</i> (Reeve, 1846)	Maes
<i>Pisania truncata</i> (Hinds, 1844)	Maes

NASSARIIDAE

<i>Nassarius gaudiosus</i> (Hinds, 1844)	1, 7, Rare
<i>Nassarius graniferus</i> (Kiener, 1834)	5, 7, 9, 13, 15, 19, 22, 32, Abundant
<i>Nassarius margaritiferus</i> (Dunker, 1847)	6, 12, 27, Uncommon
<i>Nassarius oneratus</i> (Deshayes, 1863)	23, Common
<i>Nassarius papillosus</i> (Linnaeus, 1758)	5, 13, Uncommon

FASCIOLARIIDAE

<i>Latirus nodatus</i> (Gmelin, 1791)	10, Rare
<i>Latirus polygonus</i> (Gmelin, 1791)	5, 10, 16, 17, 19, 26, 27, 30, 32, Common
<i>Latirus turritus</i> (Gmelin, 1790)	32, Rare
<i>Latirus</i> sp.	13, 29, 32, Common
<i>Peristernia fragaria</i> (Wood, 1828)	Maes
<i>Peristernia nassatula</i> (Lamarck, 1822)	1, 6, 7, 13, 15, 19, 23, 27, Common
<i>Peristernia ustulata</i> (Reeve, 1847)	27, Rare

OLIVIDAE

<i>Oliva annulata</i> (Gmelin, 1791)	7, 13, 15, 19, 22, 23, 32, Common
<i>Oliva caerulea</i> (Röding, 1798)	6, 13, 19, 25, Common
<i>Oliva episcopalis</i> Lamarck, 1811	Maes
<i>Oliva panniculata</i> Duclos, 1835	13, Rare

MARGINELLIDAE

<i>Marginella neville</i> Jousseume, 1875	Maes
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MITRIDAE

<i>Cancilla carnicolor</i> (Reeve, 1844)	7, Rare
<i>Cancilla filaris</i> (Linnaeus, 1771)	Maes
<i>Imbricaria conovula</i> (Quoy and Gaimard, 1833)	7, 9, 12, 13, 15, 32, Common
<i>Imbricaria olivaeformis</i> (Swainson, 1821)	15, 19, 22, Common
<i>Imbricaria punctata</i> (Swainson, 1821)	22, Rare
<i>Imbricaria vanikorensis</i> (Quoy and Gaimard, 1833)	Maes
<i>Imbricaria virgo</i> (Broderip, 1836)	Maes
<i>Mitra acuminata</i> Swainson, 1824	5, Rare
<i>Mitra ambigua</i> Swainson, 1832	Maes
<i>Mitra columbelliformis</i> Kiener, 1838	12, Rare
<i>Mitra contracta</i> Swainson, 1820	13, Rare
<i>Mitra decurtata</i> Reeve, 1844	6, 10, 27, Uncommon
<i>Mitra eremitarum</i> Röding, 1798	9, Rare
<i>Mitra fraga</i> Quoy and Gaimard, 1833	13, 29, Rare
<i>Mitra imperialis</i> Röding, 1798	Maes
<i>Mitra litterata</i> Lamarck, 1811	6, 27, Common
<i>Mitra mitra</i> (Linnaeus, 1758)	Maes
<i>Mitra paupercula</i> (Linnaeus, 1758)	6, 10, 27, Uncommon
<i>Mitra oleacea</i> (Reeve, 1844)	1, Rare
<i>Mitra rosacea</i> Reeve, 1845	19, Rare
<i>Mitra scutulata</i> (Gmelin, 1791)	27, Rare
<i>Mitra stictica</i> (Link, 1807)	1, Rare
<i>Mitra ticaonica</i> Reeve, 1844	13, Rare
<i>Mitra turgida</i> Reeve, 1845	Maes
<i>Neocancilla papilio</i> (Link, 1807)	19, Rare
<i>Pusia areolata</i> (Reeve, 1844)	Maes
<i>Pusia cancellarioides</i> (Anton, 1839)	Maes
<i>Scabricola fusca</i> (Swainson, 1824)	23, Rare
<i>Scabricola fissurata</i> (Lamarck, 1811)	5, 9, 15, 19, 22, 23, Common
<i>Scabricola granatina</i> Lamarck, 1811	Maes
<i>Scabricola scabricula</i> (Linnaeus, 1758)	Maes
<i>Subcancilla annulata</i> (Reeve, 1844)	19, Rare

COSTELLARIIDAE

<i>Vexillum armigera</i> (Reeve, 1845)	Maes
<i>Vexillum cadaverosum</i> (Reeve, 1844)	5, 9, 19, 22, Uncommon
<i>Vexillum cancellarioides</i> (Anton, 1838)	32, Rare
<i>Vexillum</i> cf. <i>corallina</i> (Reeve, 1845)	7, Rare

<i>Vexillum crocatum</i> (Lamarck, 1811)	7, Rare
<i>Vexillum mutabile</i> (Reeve, 1845)	Maes
<i>Vexillum pardalis</i> (Kuster, 1841)	13, Rare
<i>Vexillum speciosum</i> (Reeve, 1844)	15, 25, 32, Uncommon
<i>Vexillum tuberosa</i> (Reeve, 1845)	13, 22, 23, Uncommon
<i>Vexillum turrigerum</i> (Reeve, 1845)	9, 19, Uncommon
<i>Vexillum unifascialis</i> (Lamarck, 1811)	9, Rare
<i>Vexillum zelotypum</i> (Reeve, 1845)	7, 22, 23, Uncommon
VASIDAE	
<i>Vasum turbinellum</i> (Linnaeus, 1758)	1, 5, 7, 10, 11, 14, 15, 19, 22, 23, 25, 27, Abundant
HARPIDAE	
<i>Harpa amouretta</i> Röding, 1798	Maes
TURRIDAE	
<i>Carinapex</i> sp.	Maes
<i>Clavus laeta</i> (Röding, 1798)	7, 13, 15, 22, 23, Common
<i>Clavus lamberti</i> (Montrouzier, 1860)	7, 23, 32, Uncommon
<i>Clavus</i> sp.	13, Rare
<i>Crassispira</i> sp.	13, Rare
<i>Daphnella atractoides</i> Hervier, 1897	Maes
<i>Daphnella</i> cf. <i>boholensis</i> (Reeve, 1843)	Maes
<i>Daphnella delicata</i> (Reeve, 1846)	Maes
<i>Daphnella</i> sp.	13, Rare
<i>Etrema scalarina</i> (Deshayes, 1863)	Maes
<i>Eucithara souverbii</i> (Tryon, 1884)	Maes
<i>Eucithara stromboides</i> (Reeve, 1846)	Maes
<i>Hemidaphne reeveana</i> (Deshayes, 1863)	Maes
<i>Hemidaphne rissoides</i> (Reeve, 1843)	Maes
<i>Iredalea pygmaea</i> (Dunker, 1860)	Maes
<i>Iredalea</i> sp.	15, Rare
<i>Lienardia</i> sp.	Maes
<i>Macteola</i> cf. <i>thiasotes</i> (Melvill and Standen, 1897)	Maes
<i>Mitromorpha atramentosa</i> (Reeve, 1849)	5, Rare
<i>Mitromorpha lachryma</i> (Reeve, 1845)	Maes
<i>Mitromorpha stephensi</i> (Melvill and Standen, 1897)	Maes
<i>Philbertia barnardi</i> (Brazier, 1876)	Maes
<i>Philbertia pustulosa</i> (DeFolin, 1867)	Maes
<i>Philbertia granicostata</i> (Reeve, 1846)	Maes
<i>Philbertia tincta</i> (Reeve, 1846)	Maes
<i>Philbertia</i> sp.	27, Rare
<i>Turridrupa cincta</i> (Lamarck, 1822)	Maes
<i>Turridrupa</i> sp.	32, Rare
<i>Turris spectabilis</i> (Reeve, 1843)	Maes
<i>Xenoturris cingulifera</i> (Lamarck, 1822)	13, 19, 22, Uncommon
<i>Xenoturris kingae</i> Powell, 1964	15, 22, 23, Uncommon
CONIDAE	
<i>Conus arenatus</i> Hwass in Bruguière, 1792	1, 9, 19, 22, 23, Common
<i>Conus aulicus</i> Linnaeus, 1758	Maes

<i>Conus betulinus</i> Linnaeus, 1758	Maes
<i>Conus capitaneus</i> Linnaeus, 1758	9, 22, 32, Common
<i>Conus catus</i> Hwass in Bruguière, 1792	1, 12, 27, Uncommon
<i>Conus chaldeus</i> (Röding, 1798)	1, 6, 10, Common
<i>Conus coronatus</i> Gmelin, 1791	1, 6, 10, 27, Common
<i>Conus distans</i> Hwass in Bruguière, 1792	7, 10, 23, 27, Common
<i>Conus eburneus</i> Hwass in Bruguière, 1792	9, 15, Uncommon
<i>Conus ebraeus</i> Linnaeus, 1758	1, 6, 10, 12, 27 Abundant
<i>Conus flavidus</i> Lamarck, 1810	1, 7, 10, 23, Common
<i>Conus frigidus</i> Reeve, 1848	Maes
<i>Conus hevassi</i> A. Adam, 1853	Maes
<i>Conus imperialis</i> Linnaeus, 1758	1, 7, 10, 13, 14, 19, Common
<i>Conus leopardus</i> Röding, 1798	9, Uncommon
<i>Conus litoglyphus</i> Hwass in Bruguière, 1792	7, 22, Uncommon
<i>Conus litteratus</i> Linnaeus, 1758	7, 9, 23, 30, Uncommon
<i>Conus lividus</i> Hwass in Bruguière, 1792	1, 5, 6, 7, 10, 12, 13, 27, Abundant
<i>Conus marmoreus</i> Linnaeus, 1758	23, Uncommon
<i>Conus miles</i> Linnaeus, 1758	5, 9, 15, 19, 22, 23, 25, 27, 32, Abundant
<i>Conus miliaris</i> Hwass in Bruguière, 1792	1, 6, 12, 13, 15, 23, 27, 32, Abundant
<i>Conus moreleti</i> Crosse, 1858	7, 13, Uncommon
<i>Conus musicus</i> Hwass in Bruguière, 1792	5, 7, 13, 15, 19, 22, 23, 25, Uncommon
<i>Conus obscurus</i> Sowerby, 1833	5, 22, 23, 32, Common
<i>Conus pertusus</i> Hwass in Bruguière, 1792	13, Rare
<i>Conus pulicarius</i> Hwass in Bruguière, 1792	5, 7, 9, 9A, 12, 13, 15, 19, 23, 27, Abundant
<i>Conus quercinus</i> Solander, 1786	9, 12, Uncommon
<i>Conus rattus</i> Hwass in Bruguière, 1792	5, 6, 7, 13, 27, Common
<i>Conus sponsalis</i> Hwass in Bruguière, 1792	1, 6, 9, 10, 12, 15, 19, 22, 23, 30, Abundant
<i>Conus straitellus</i> Link, 1807	13, 22, Uncommon
<i>Conus striatus</i> Linnaeus, 1758	7, Rare
<i>Conus tenuistriatus</i> Sowerby, 1857	13, Rare
<i>Conus tessulatus</i> Born, 1780	19, 22, Uncommon
<i>Conus textile</i> Linnaeus, 1758	Maes
<i>Conus tulipa</i> Linnaeus, 1758	Maes
<i>Conus vexillum</i> Gmelin, 1791	9, 32, Uncommon
<i>Conus virgo</i> Linnaeus, 1758	9, Rare
<i>Conus vitulinus</i> Hwass in Bruguière, 1792	Maes
<i>Conus zonatus</i> Hwass in Bruguière, 1792	Maes
TEREBRIDAE	
<i>Hastula penicillata</i> (Hinds, 1844)	9, 13, Uncommon
<i>Terebra affinis</i> Gray, 1834	5, 7, 9, 13, 15, 22, 23, Common
<i>Terebra areolata</i> Link, 1807	Maes
<i>Terebra argus</i> Hinds, 1844	9, 13, Uncommon
<i>Terebra babylonia</i> Lamarck, 1822	13, 15, 32, Uncommon
<i>Terebra casta</i> Hinds, 1844	Maes

<i>Terebra cerithina</i> Lamarck, 1822	Maes
<i>Terebra chlorata</i> Lamarck, 1822	5, 15, Uncommon
<i>Terebra columellarisaris</i> Hinds, 1844	15, 19, Uncommon
<i>Terebra cerithina</i> Lamarck, 1822	5, Rare
<i>Terebra crenulata</i> (Linnaeus, 1758)	5, 12, 13, 23, 32, Common
<i>Terebra dimidiata</i> (Linnaeus, 1758)	5, 6, 12, 13, 19, Common
<i>Terebra felina</i> (Dillwyn, 1817)	7, 9, 12, 22, 29, Common
<i>Terebra funiculata</i> Hinds, 1844	9, 15, 32, Uncommon
<i>Terebra guttata</i> Burch, 1965	19, Rare
<i>Terebra hectica</i> (Linnaeus, 1758)	Abbott
<i>Terebra laevigata</i> Gray, 1834	Maes
<i>Terebra lanceata</i> (Linnaeus, 1767)	9, 13, 15, 19, Uncommon
<i>Terebra maculata</i> (Linnaeus, 1758)	5, 9, 12, 15, 19, 22, 32, Common
<i>Terebra nebulosa</i> (Sowerby, 1825)	7, 15, 19, 22, Uncommon
<i>Terebra pertussa</i> (Born, 1778)	15, Rare
<i>Terebra subulata</i> (Linnaeus, 1767)	9, 12, 15, 19, 23, Uncommon
<i>Terebra solida</i> (Gmelin, 1791)	19, Rare
<i>Terebra undulata</i> Gray, 1834	15, 19, Uncommon
<i>Terenolla pygmaea</i> (Hinds, 1844)	7, 13, 23, Rare
 SUBCLASS OPISTHOBRANCHIA	
 PYRAMIDELLIDAE	
<i>Odostomia peasei</i> Dautzenberg and Bouge, 1933	Maes
<i>Odostomia</i> 6 species	Maes
<i>Otopleura mitralis</i> (A. Adams, 1854)	Maes
<i>Pyramidella acus</i> (Gmelin, 1791)	12, 13, 17, 23, Common
<i>Pyramidella dolabrata</i> (Linnaeus, 1758)	9, Rare
(Listed as <i>P. terebellum</i> (Müller, 1774) by Maes)	
<i>Pyramidella sulcata</i> (A. Adams, 1854)	9, Uncommon
<i>Turbonilla</i> 2 species	Maes
 ACTEONIDAE	
<i>Pupa sulcata</i> (Gmelin, 1791)	9, 17, 23, 29, 35 Uncommon
(Listed as <i>Pupa glabra</i> (Reeve, 1842) by Maes)	
<i>Pupa nitidula</i> (Lamarck, 1816)	Maes
 BULLINIDAE	
<i>Bullina</i> sp.	Maes
 HYDATINIDAE	
<i>Hydatina amplustre</i> (Linnaeus, 1758)	Maes
<i>Hydatina physis</i> (Linnaeus, 1758)	Maes
<i>Micromelo guamensis</i> (Quoy and Gaimard, 1825)	Maes
 BULLIDAE	
<i>Bulla vernicosa</i> Gould, 1859	9, 12, 17, 19, 27, 30, Uncommon

<p>ATYIDAE <i>Atys cylindricus</i> (Helbling, 1779) <i>Haminoea cymbalum</i> (Quoy and Gaimard, 1835) <i>Phanerophthalmus cylindricus</i> (Pease, 1861)</p>	<p>9, 17, Uncommon 7, 10, Uncommon 12, Rare</p>
<p>GASTROPTERIDAE <i>Gastropteron</i> sp.</p>	<p>13, Rare</p>
<p>SCAPHANDRIDAE <i>Cylichna</i> sp.</p>	<p>Maes</p>
<p>AGLAJIDAE <i>Philinopsis gardineri</i> (Eliot, 1903)</p>	<p>5, 23, Rare</p>
<p>APLYSIIDAE <i>Aplysia dactylomela</i> Rang, 1828 <i>Dolabella auricularia</i> (Solander, 1786) <i>Dolabrifera dolabrifera</i> (Rang, 1828)</p>	<p>Maes 1, 12, Rare 1, 3, 12, 24, Rare</p>
<p>PLEUROBRANCHIDAE <i>Bertheliina citrina</i> (Rüppell and Leuckart, 1828) <i>Pleurobranchus</i> cf. <i>forskali</i> Rüppell and Leuckart, 1828</p>	<p>12, 27, Rare</p>
<p>UMBRACULIDAE <i>Umbraculum sinicum</i> (Gmelin, 1791)</p>	<p>Maes</p>
<p>ELYSIIDAE <i>Elysia</i> sp.</p>	<p>1, 18, Common</p>
<p>PLAKOBRANCHIDAE <i>Placobranchus ocellatus</i> van Hasselt, 1824</p>	<p>1, 5, 12, 27, 35, Common</p>
<p>CYLINDROBULLIDAE <i>Ascobulla</i> sp.</p>	<p>18, Common</p>
<p>OXYNOEIDAE <i>Lobiger</i> sp. <i>Oxynoe delicatula</i> (G. and H. Nevill, 1869)</p>	<p>Maes Maes</p>
<p>VOLVATELLIDAE <i>Volvatella cincta</i> (G. and H. Nevill, 1869) <i>Volvatella</i> sp.</p>	<p>Maes Maes</p>
<p>JULIIDAE <i>Julia borbonica</i> (Deshayes, 1863)</p>	<p>Maes</p>
<p>HEXABRANCHIDAE <i>Hexabranchus sanguineus</i> (Rüppell and Leuckart, 1828)</p>	<p>5, 12, Rare</p>
<p>AEGIRIDAE <i>Notodoris minor</i> Eliot, 1904</p>	<p>1, 29, Uncommon</p>

<i>Notodoris citrina</i> Bergh, 1875	1, Rare
DORIDIDAE	
<i>Halgerda tessellata</i> (Bergh, 1880)	13, Rare
<i>Jorunna funebris</i> (Kelaart, 1858)	12, Rare
<i>Platydorid cruenta</i> (Quoy and Gaimard, 1832)	1, Uncommon
<i>Platydorid scabra</i> (Cuvier, 1804)	13, Uncommon
Dorid sp.	24, Rare
DENDRODORIDIDAE	
<i>Dendrodoris nigra</i> (Stimpson, 1855)	1, 10, Uncommon
CHROMODORIDIDAE	
<i>Chromodoris elisabethina</i> Bergh, 1877	4, 15, Rare
PHYLLIDIIDAE	
<i>Phyllidia coelistis</i> Bergh, 1905	23, Uncommon
<i>Phyllidia elegans</i> Bergh, 1869	13, Uncommon
<i>Phyllidia</i> cf. <i>pustulosa</i> Cuvier, 1804	12, Common
<i>Phyllidia</i> sp. 1	12, 15, 26, Common
<i>Phyllidia</i> sp. 2	4, 25, Uncommon
<i>Phyllidia</i> sp. 3	13, 15, Uncommon
TETHYDIDAE	
cf. <i>Melibe</i> sp.	1, Rare
SUBCLASS PULMONATA	
SIPHONARIIDAE	
<i>Siphonaria atra</i> (Quoy and Gaimard, 1833)	Maes
<i>Siphonaria</i> cf. <i>normalis</i> Gould, 1848	28, Common
ELLOBIIDAE	
<i>Auricula</i> sp.	2, Uncommon
<i>Melampus castaneus</i> (Muhlfeld, 1818)	1, 7, Common
<i>Melampus flavus</i> (Gmelin, 1791)	2, 7, 21, Common
<i>Melampus fasciatus</i> (Deshayes, 1830)	Maes
<i>Pythia</i> sp.	Maes
CLASS BIVALVIA	
LIMOPSIDAE	
<i>Cosa</i> sp.	Maes
ARCIDAE	
<i>Arca plicata</i> (Dillwyn, 1817)	7, 13, Rare
<i>Arca ventricosa</i> Lamarck, 1819	12, Uncommon
<i>Barbatia decussata</i> (Sowerby, 1833)	Maes
<i>Barbatia tenella</i> Reeve, 1844	22, Rare
<i>Barbatia velata</i> (Sowerby, 1843)	7, 12, 22, 23, Uncommon

MYTILIDAE

<i>Lithophaga nasuta</i> (Philippi, 1846)	Maes
<i>Lithophaga teres</i> (Philippi, 1846)	16, Common
<i>Modiolus phillipinarum</i> Hanley, 1843 (listed as <i>Modiolus moduloides</i> by Maes)	1, 2, 22, 27, Uncommon
<i>Modiolus</i> sp.	12, 25, 35, Uncommon

PINNIDAE

<i>Atrina vexillum</i> (Born, 1778)	Maes
<i>Pinna muricata</i> Linnaeus, 1758	12, 36, Uncommon
<i>Streptopinna saccata</i> (Linnaeus, 1758)	13, 19, 22, Uncommon

PTERIIDAE

<i>Electroma alacorvi</i> (Dillwyn, 1817)	Maes
<i>Pinctada margaritifera</i> (Linnaeus, 1758)	23, Rare
<i>Pteria penguin</i> (Röding, 1798)	Maes
<i>Pteria</i> sp.	27, Rare

ISOGNOMONIDAE

<i>Isognomon ephippium</i> (Linnaeus, 1758)	Maes
<i>Isognomon isognomum</i> (Linnaeus, 1758)	9, Rare
<i>Isognomon legumen</i> (Gmelin, 1791)	Maes
<i>Isognomon perna</i> (Linnaeus, 1767)	6, 7, 10, 13, Uncommon

PECTINIDAE

<i>Chlamys coruscans</i> (Hinds, 1844)	Maes
<i>Chlamys irregularis</i> (Sowerby, 1842)	7, 15, 22, 23, 32, Common
<i>Chlamys lentiginosus</i> (Reeve, 1853)	23, 25, Common
<i>Chlamys squamosus</i> (Gmelin, 1791)	Maes
<i>Chlamys</i> sp.	13, Rare
<i>Decatopecten radula</i> (Linnaeus, 1758)	9, 29, 36, Uncommon
<i>Pecten pyxidatus</i> Born, 1778	Maes
<i>Semipallium tigris</i> (Lamarck, 1819)	26, Rare

PLICATULIDAE

<i>Plicatula chinensis</i> Mörch, 1853	Maes
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SPONDYLIDAE

<i>Spondylus lamarckii</i> Chenu, 1845	6, 9, 29, Uncommon
<i>Spondylus nicobaricus</i> Schreibers, 1793	13, 16, 17, 19, Uncommon
<i>Spondylus sanguineus</i> Dunker, 1852	13, Common

LIMIDAE

<i>Lima</i> cf. <i>annulata</i> Lamarck, 1819	6, 13, 15, 26, 29, Uncommon
<i>Lima fragilis</i> (Gmelin, 1791)	9, 12, 36, Uncommon
<i>Limaria orientalis</i> (Adams and Reeve, 1850)	7, 16, 19, 26, 30, 32, Common

OSTREIDAE

<i>Ostrea</i> sp.	16, 27, 28, 30, Common
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GRYPHAEIDAE

Hyotissa hyotis (Linnaeus, 1758)

9, Uncommon

CHAMIDAE

Chama aspersa Reeve, 1846

Maes

Chama imbricata Broderip, 1834

Maes

Chama cf. *iostoma* Conrad, 1837

6, 12, 15, 29, Uncommon

Chama lazarus Linnaeus, 1758

6, 26, 28, 29, Uncommon

Chama sp.

1, 9, 10, 16, Common

LUCINIDAE

Anodontia edentula (Linnaeus, 1758)

15, 31, Uncommon

Anodontia pila (Reeve, 1850)

21, 23, 30, Uncommon

Cavatidens sp.

Maes

Ctena sp.

36, Rare

Codakia divergens (Philippi, 1850)

Maes

Codakia punctata (Linnaeus, 1758)5, 9, 10, 12, 19, 32, 35, 36,
Common*Glycodonta* sp.

15, 19, Rare

Wallucina gordonii E. A. Smith

17, 30, Rare

ERYCINIDAE

Barrimysia incerta (Deshayes, 1863)

Maes

Erycinacea sp.

Maes

Fronsella cf. *fugitaniana* (Yokoyama, 1927)

Maes

Hitia ovalis Dall, Bartsch and Rehder, 1938

Maes

Besobornia pacifica (Hedley, 1899)

Maes

GALEOMMATIDAE

Scintillona sp.

5, Rare

CARDITIDAE

Cardita variegata (Bruguière, 1792)

5, 7, 13, 15, 16, Common

DIPLODONTIDAE

Diplodonta sp.

Maes

SPORTELLIDAE

cf. *Anisodonta* sp.

Maes

CARDIIDAE

Acrosterigma alternatum (Sowerby, 1841)

29, 36, Uncommon

Acrosterigma orbita (Broderip and Sowerby, 1833)6, 7, 13, 15, 22, 23, 25,
Common*Corculum cardissa* (Linnaeus, 1758)

Maes

Fragum fragum (Linnaeus, 1758)

2, 5, 9, 12, 35, 36

Fragum unedo (Linnaeus, 1758)

17, Rare

TRIDACNIDAE

Tridacna detersa (Röding, 1798)

Maes

Tridacna gigas (Linnaeus, 1758)

6 dead valves

<i>Tridacna maxima</i> (Röding, 1798)	1, 5, 6, 7, 10, 12, 19, 36, Common
TELLINIDAE	
<i>Arcopagia palatum</i> Iredale, 1929	Maes
<i>Cadella semitorta</i> (Sowerby, 1867)	Maes
<i>Arcopagia scobinata</i> (Linnaeus, 1758)	5, 9, 12, 13, 15, 19, 22, 23, 29, 35, Common
<i>Macoma obliquilineata</i> (Conrad, 1837)	29, Rare
<i>Quadrans gargadia</i> (Linnaeus, 1758)	15, Rare
<i>Tellina chariessa</i> Salisbury, 1934	Maes
<i>Tellina clathrata</i> (Deshayes, 1835)	9, 30, 36, Common
<i>Tellina crassiplicata</i> (Sowerby, 1869)	Maes
<i>Tellina crucigera</i> Lamarck, 1818	23, Rare
<i>Tellina dispar</i> (Conrad, 1837)	2, 9, 17, 36, Uncommon
<i>Tellina linguafelis</i> Linnaeus, 1758	26, Rare
<i>Tellina obliquaria</i> (Deshayes, 1854)	Maes
<i>Tellina palatum</i> (Iredale, 1929)	2, Common
<i>Tellina perna</i> Splenger, 1798	12, 35, Rare
<i>Tellina pinguis</i> (Hanley, 1845)	Maes
<i>Tellina pulcherrima</i> (Sowerby, 1867)	Maes
<i>Tellina robusta</i> (Hanley, 1844)	9, 13, 36, Uncommon
<i>Tellina tenuilirata</i> (Sowerby, 1867)	Maes
<i>Tellina tongana</i> (Quoy and Gaimard, 1835)	30, 32, Rare
<i>Tellina</i> sp.	17, Rare
PSAMMOBIIDAE	
<i>Asaphis violaceans</i> (Förskal, 1775)	35, Rare
<i>Gari</i> sp.	17, Rare
SEMELIDAE	
<i>Semele crenulata</i> (Sowerby, 1853)	17, 29, Rare
<i>Thyella</i> cf. <i>lamellosa</i> H. Adams, 1873	Maes
TRAPEZIIDAE	
<i>Trapezium oblongum</i> (Linnaeus, 1758)	35, Rare
VENERIDAE	
<i>Katelysia</i> cf. <i>striata</i> (Gmelin, 1791)	Maes
<i>Lioconcha castrensis</i> (Linnaeus, 1758)	29, Rare
<i>Lioconcha hebraea</i> (Lamarck, 1818)	6, 9, 17, 22, 23, 26, 36, Common
<i>Periglypta chemnitzii</i> (Hanley, 1844)	9, Rare
<i>Periglypta clathrata</i> (Deshayes, 1853)	Maes
<i>Periglypta crispata</i> (Deshayes, 1859)	29, Rare
<i>Periglypta puerpera</i> (Linnaeus, 1771)	9, Rare
<i>Pitar</i> cf. <i>affinis</i> (Gmelin, 1791)	22, Uncommon
<i>Pitar prora</i> (Conrad, 1837)	9, 17, 29, 35, Uncommon
<i>Protothaca marica</i> (Linnaeus, 1758)	Maes
<i>Tapes</i> cf. <i>literatus</i> (Linnaeus, 1758)	9, 26, 29, Rare
<i>Ventricolaria toreuma</i> (Gould, 1846)	25, Rare

CORBULIDAE

Corbula ustulata Reeve, 1844

Maes

Corbula sp.

Maes

GASTROCHAENIDAE

Gastrochaena cuneiformis (Splengler, 1783)

Maes

CLASS CEPHALOPODA

NAUTILIDAE

Nautilus pompilius Linnaeus, 1758

5, Rare

LOLIGINIDAE

Sepioteuthis lessoniana Lesson, 1830

Rees

OCTOPODIDAE

Octopus cyanea Gray, 1849

1, 12, Common

SEPIIDAE

Sepia latimanus Quoy and Gaimard, 1832

9, Rare