

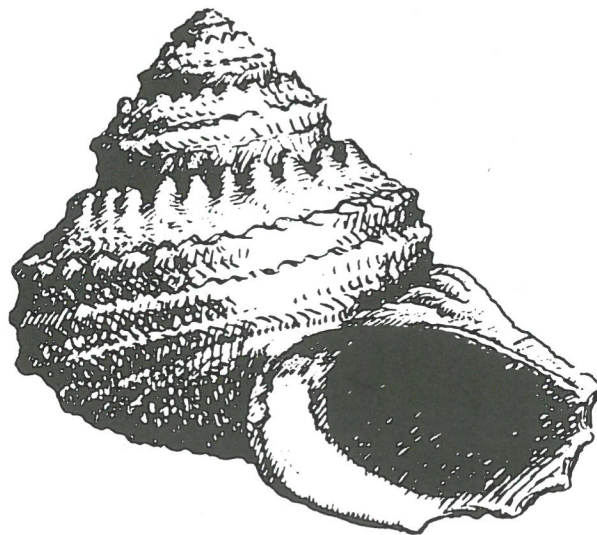
AN

ANNOTATED CHECK-LIST

OF THE MARINE MOLLUSCA

OF THE MALTESE ISLANDS

by C.CACHIA, C.MIFSUD & P.M.SAMMUT



Sonderheft

Rankweil, Dec. 1993

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ERSTE VORARLBERGER MALAKOLOGISCHE GESELLSCHAFT (EVMG)

c/o Ing. Andreas Kapp, Sulzerweg 2, A-6830 Rankweil, Austria

Layout: C.M. Brandstetter, Bürs, Austria

Printed in Austria by the EVMG, Rankweil



Price: ATS 120,- (For members of EVMG: ATS 80,-)
(Preis: ÖS 120,- (Für Mitglieder der EVMG ÖS 80,-))

PREFACE

Seashells are widely collected because of their beauty, rarity or scientific interest, for handicraft and souvenir industries.

The Maltese Islands lie in the central Mediterranean connecting both - Africa and Europe. Thus the malacofauna shows a high diversity.

Although shell collecting has a long tradition, this paper fills a gap of the most recent time. Many taxa are reported for the first time especially micro-molluscs.

This annotated checklist is the result of many malacologists since the early 19th century and deals with the taxa of Polyplacophora, Gastropoda, Scaphopoda, Bivalvia and Cephalopoda.

With this list the ERSTE VORARLBERGER MALAKOLOGISCHE GESELLSCHAFT hopes to give all interested naturalists, both amateur and professional, useful information.

Peter L. Reischütz

INTRODUCTION

A checklist of our marine molluscan species is certainly nothing new. In fact as far back as 1850 we come across several lists drawn up by past local and foreign authors. Certainly quite a good number of species have been recorded, but as will become apparent in the present paper, quite a substantial number, especially among the micromollusca have never to date been mentioned, to our knowledge, as inhabiting our islands.

The species recorded in the present checklist have been checked and re-checked, even in some cases after recourse to foreign specialists. However, by its very nature, a checklist remains something subjective, and a few errors might be expected.

All past bibliographical records for the Maltese Islands have been included. In some instances we were unable to confirm the occurrence of certain taxa recorded previously in literature. In the List, these species are denoted by a (Z) followed by a number. These numbers refer to the appendix. Though we cannot reject straightaway their presence in our waters, we feel nevertheless sceptical about some of them actually living around our islands. A typical example of this type is *Pedicularia sicula* Swainson. Others which have likewise been recorded by past authors are considered doubtfully to occur round Malta, though their shells have been found by us. A typical example of this category is *Crepidula fornicata* (Linnaeus). These species are denoted by a (Y). The species marked with an (X) represent new additions to the molluscan fauna of Malta.

In some cases there is a marked divergence of opinion between us and past authors regarding certain species. For instance, *Clausinella fasciata* (da Costa) has been recorded, but we feel that our population is *Clausinella brogniartii* (Payr.)

In a very few instances we were unable to ascertain the true identity of certain taxa as for instance *Pecten vigolenensis* Simonelli (Micallef & Evans, 1968) and certain taxa

described by Mamo (1867) of which no type material has as yet come to light.

In this list we have also included the species *Melanoides tuberculatus* (Muller), which although not strictly a marine species, locally it is found, or used to be found living at the sea littoral in a highly marine environment.

Although the vast majority of the species listed have been recorded from live material around our shores in a variety of substrates and depths, however we feel that the few species which have been recorded on the basis of shell only do in fact inhabit our shores. We base this assertion on (i) the numerous specimens recorded, (ii) the freshness of the material and (iii) the fact that single specimens were found in more than one locality.

For nomenclatorial purposes we follow Sabelli *et alii* (1990). However we have also included changes recently instituted by Waren (1991), by Gofas (1992) as regards the revision of the genus *Granulina*, as well as by van Aartsen J.J. & Giannuzzi- Savelli R., (1991).

In a few instances we could not arrive at definite identification.

- (1) for taxa listed as "Genus cf. species", the major problems were
 - (a). lack of fresh material
 - (b). only single or subadult specimens available
 - (c). or because of nomenclatorial problems due mostly to the lack of a serious, recent revision of the particular genus.
- (2) for taxa listed as "Genus sp.", we feel that these constitute (at least a good percentage of them) new taxa and are still under study.

Nevertheless both (1) and (2) above are new records of species for our Islands.

ACKNOWLEDGEMENTS:

We are greatly indebted to all the specialists for their help with identification, suggestions or provided literature; to Raymond Vella for checking the manuscript, to Ms. Elaine Tabone for providing the Italian translation and lastly but definitely not the least to Peter L. Reischütz for writing the preface and his sincerely interest in seeing this work to the printers.

THE MALTESE ISLANDS.

The Maltese Islands are made up of two main islands Malta and Gozo, respectively 27 km and 14.5 km and Comino, which is only 2.5 km across and lies between the two larger islands. Filfla lies off the south-western coast of Malta. The total area of the Maltese Islands is 316 square km. Malta lies close to a shallow submarine shelf joining Sicily to North Africa. The shelf is mostly less than 50 fathoms but 15 km south-west of Malta it reaches depths in excess of 600 fathoms. The Tunisian coast lies 300 km west of the islands. Tripoli lies 350 km to the south- south-west while the Ragusa peninsula of Sicily is only 95 Km north across the Malta Channel.

Geologically the islands are almost wholly composed of mid-Tertiary (Oligo-Miocene) sedimentary rocks which are predominantly carbonates with some clay and marl horizons. Superficial Quaternary deposits (Pleistocene) occur at isolated places. The south-west coasts of Malta form a coastline of emergence characterized by sheer cliffs of Lower Coralline Limestone in contrast with the coastline of submergence on the north-eastern coasts where the bedrock, Upper Coralline Limestone and Globigerina, merges gently under the sea. The clays outcrop on the west side of the island at the beach line.

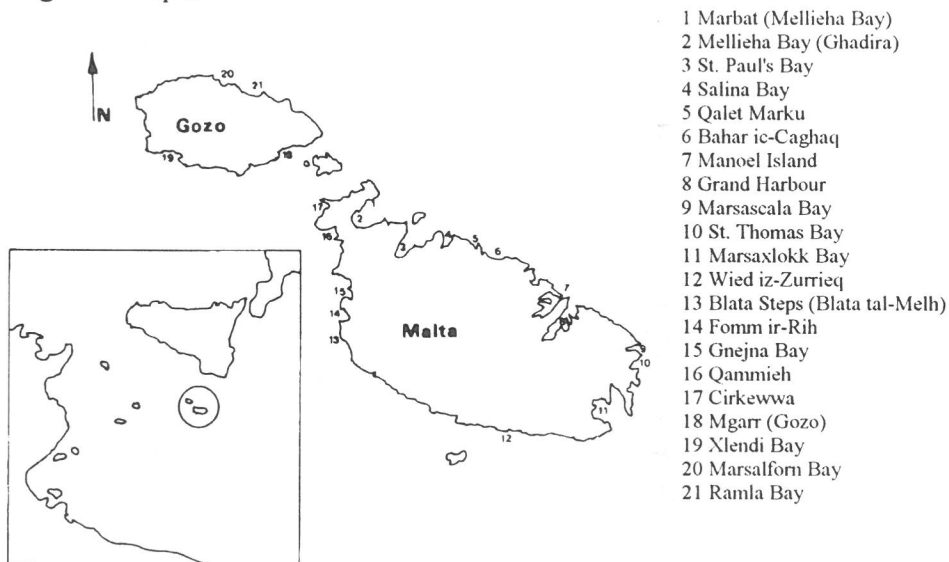
The highest point on the Maltese Islands is Dingli Cliffs lying on the southwest coast. It is about 253 metres above sea level.

The climate is subtropical with mild winters and hot summers. There are no cold winds, nor are there fog, snow or frost. The temperature is, on average 14 degrees in winter and 30 degrees in summer. In August temperatures may go as high as 35 degrees with an occasional 40. The annual amount of rainfall is about 500 mm. There are no rivers, lakes or mountains and permanent freshwater springs are scarce.

The surface sea temperature around Malta varies from about 14 degrees in late February and March to about 26 degrees C in late August and early September. Salinity is about 37.5 parts per thousand.

Considering their small size and scarcity of freshwater habitats, the Maltese Islands are rich in both fauna and flora. The number of indigenous plants is about 1000. This is relatively high considering that, the British Isles, with an area a thousand times as big, host the same number. Moreover, several endemic animals and plants are known.

The Maltese littoral exhibits several small bays along the west, north, east and south-east sides, with sheer cliffs occurring to the south-west and south of Malta and west of Gozo. Rocky shores predominate and sandy beaches are few, the longest (Mellieha Bay) being only 1.5 kilometres. The coastline is only just less than 200 kilometres. Land topography is generally continued under water; thus where cliffs border the shore the sea-bottom shows sheer drop-offs; gentle inclined sandy and rocky shores continue underwater in a gentle slope.



INTRODUZIONE

Un catalogo delle nostre specie di molluschi marini non e' certamente una novita'. Infatti fin dal 1850 siamo di fronte a diverse liste, oggetto di lavori di autori locali e stranieri. Certamente, una gran parte dalle nostre specie e' stata gia' ricordata in passato, ma, come dimostriamo nel presente lavoro, un numero sostanziale di specie, soprattutto fra i micromollusco, non era mai stato ricordato come specie vivente intorno alle nostre isole, secondo la nostra conoscenza.

Le specie ricordate nel presente catalogo sono state controllate piu' volte, anche in certi casi, dopo ricorso a specialisti stranieri. Purtroppo un catalogo di specie rimane sempre qualcosa di soggettivo, e non sara' dunque escluso qualche errore.

Tutti i riferimenti bibliografici del passato per le isole maltesi sono stati inclusi. In certi casi, non abbiamo potuto confermare con certezza l'esistenza di certe taxa ricordati nella letteratura del passato. In questo lavoro, queste specie sono contrassegnate con una (Z), seguite da un numero. Questi numeri si riferiscono alle note in appendice. Benche' non possiamo negare addirittura la loro presenza nelle nostre acque, cio' nonostante siamo un po' scettici sul fatto che certe specie possano attualmente vivere intorno alle nostre isole. Un tipico esempio di questo genere e' la ben nota *Pedicularia sicula* Swainson. Altre specie ricordate da autori passati sono considerate di dubbia presenza vivente intorno a Malta, benche' le loro conchiglie sono state trovate da noi. Un esempio di questo gruppo e' la *Crepidula fornicata* (Linnaeus). Queste specie sono state contrassegnate con una (Y). Finalmente, le specie segnate con una (X) rappresentano nuove aggiunte alla lista dei molluschi maltesi.

In certi casi c'e' una divergenza di opinione tra noi e gli autori del passato a proposito di certe specie. Ad esempio la *Clausinella fasciata* (da Costa) e' stata ricordata, ma secondo noi la nostra popolazione appartiene alla *Clausinella brognartii* (Payr).

In pochi casi, non siamo riusciti ad accertare l'identita' di certi taxa, come ad esempio il *Pecten vigolenensis* Simonelli (Micallef & Evans, 1968) e certi taxa descritti da Mamo (1867) dai quali nessun materiale tipo e' stato fin'oggi trovato.

Nella presente lista abbiamo anche incluso la specie *Melanooides tuberculatus* (Muller). Questa non e' strettamente una specie marina ma localmente si trova o si trovava, vivente sul litorale marino, in un ambiente di alta salinita'.

Benche' la stragrande maggioranza di specie incluse in questa lista sono state trovate viventi in profondita' e substrati diversi, pensiamo che le specie che sono state ricordate a base solo della loro conchiglia, vivono attualmente intorno alle nostre coste. Questa asserzione e' bastata (i) sul alto numero di esemplari trovati, (ii) la freschezza delle nicchie e (iii) sul fatto che singoli esemplari sono stati trovati in localita' diverse.

Ai fini nomenclaturali, noi seguiamo Sabelli et alii (1990). Pero' abbiamo anche incluso i recenti cambiamenti istituiti da Waren (1991), da Gofas (1992) a proposito della revisione del genere *Granulina*, ed anche finalmente da van Aartsen J.J. & Giannuzzi-Savelli (1991).

In pochi esempi non siamo riusciti ad arrivare ad una identificazione certa.

(i) Per i taxa segnalati come "genus cf. species", i problemi maggiori sono stati:

[a] la mancanza di materiale fresco

[b] disponibilita' di singoli esemplari, o di esemplari subadulti

[c] o in fine causa di problemi nomenclaturali, frutto di una mancanza di una revisione recente di un genere particolare.

(ii) Per i taxa segnalati come "genus sp." siamo certi che costituiscono (almeno buona parte fra di loro), nuovi taxa che sono ancora in fase di studio.

Tuttavia sia il gruppo (i) e (ii) sono certamente nuove aggiunte alla nostra fauna.

LE ISOLE MALTESI

Le isole maltesi sono composte dalle due isole maggiori, Malta, con una lunghezza di 27 chilometri, Gozo con 14.5 chilometri e entrambi le due Comino una piccola isoletta soltanto 2.5 chilometri in lunghezza. Con l'aggiunta di Filfla, un piccolo scoglio al largo della costa sud-ovest di Malta, la superficie totale dell'arcipelago e' 316 chilometri quadrati. Queste isole sono situate sulla piattaforma sottomarina che riunisce la Sicilia e l'Africa del nord. La profondita' marina di tale piattaforma e' di circa 100 metri entro Malta e Sicilia, ma con una profondita' di circa 1200 metri a sud-ovest di Malta. La costa siciliana si trova a 95 chilometri al nord di Malta, la Tunisia 300 chilometri ad ovest, e la costa libica 350 chilometri al sud-sud-ovest.

La geologia delle isole e' composta di rocce di origine Oligo-mioceniche con predominanza di carbonati e aggiunte di argilla. In poche localita' isolate si trovano anche depositi del Quaternario alla superficie. La costa sud-ovest di Malta e' composta da precipizi di coralligeno superiore *Upper Corraline Limestone*. Questo e' in contrasto con la costa sommersa del nord, dove i bassi fondali marini consistono di *Globigerina* e rocce. La costa ad ovest di Malta e' caratterizzata da affioramenti di argilla al livello marino.

Il punto piu' alto delle isole maltesi si trova a Dingli Cliffs sulla parte sud-ovest di Malta, con un massimo di 253 metri sopra il livello del mare.

Il clima e' subtropicale cioe' inverno poco freddo e un estate caldissimo. Non ci sono venti freddi, neppure neve o gelo. Le temperature medie sono circa 14 gradi in inverno e 30 gradi in estate. Durante agosto le temperature possono risalire a 35-40 gradi. La pioggia e' circa 500 mm all'anno. Non ci sono fiumi, laghi o montagne e i sorgenti di acque dolci sono scarissimi.

La temperatura superficiale intorno alle isole varia da 14 gradi nel tardo febbraio e marzo a 26 gradi durante l'ultima settimana di agosto e i primi giorni di settembre. La salinita' dell'acqua marina e' di circa 37.5 parte per mille.

Tenendo presente il fatto della loro piccola superficie e scarsita' di ambienti di acqua dolce, le isole maltesi sono ricche nella loro fauna e flora. Il numero di piante indigene

e' di circa 1000 specie. Questa e' una cifra relativamente alta, considerando il fatto che, ad esempio, le isole britanniche, con una superficie mille volte quella delle isole maltesi, hanno lo stesso numero di piante. Di piu' si conoscono a Malta diverse piante e animali endemici, come ad esempio fra i molluschi terrestri.

Il littorale maltese mostra diverse spiagge lungo la parte ovest, nord-est e sud-est, con precipizi al sud-ovest e sud di Malta, e ad ovest di Gozo. Predominano le spiagge rocciose, mentre quelle sabbiose sono poche. La piu' lunga, quella di Mellieha e soltanto 1.5 chilometri in lunghezza. La costa totale e' di un po' meno di 200 chilometri. La topografia terrestre si continua generalmente sotto acqua. Dove ci sono precipizi, il fondo marino mostra profondita' verticali, mentre una inclinazione graduale continua sott'acqua in bassi fonadali.

POLYPLACOPHORA

LEPIDOPLEURIDA

NEOLEPIDOPLEUROIDEA

LEPTOCHITONIDAE

LEPTOCHITONINAE

LEPIDOPLEURUS Risso, 1826 ex Leach ms.

- Lepidopleurus cajetanus* (Poli, 1791)
Lepidopleurus algiresiensis (Capellini, 1859) (Z) (1)
Lepidopleurus boettgeri Sulc, 1934
Lepidopleurus cancellatus (Sowerby G.B.II, 1840) (Z) (2)
Lepidopleurus geronensis (Kaas & Van Belle, 1985)
Lepidopleurus scabridus (Jeffreys, 1880)
Lepidopleurus africanus Nierstrasz, 1906

HANLEYIDAE

HANLEYA Gray J.E., 1857

- Hanleya hanleyi* (Bean in Thorpe, 1844)

ISCHNOCHITONIDAE

ISCHNOCHITONINAE

ISCHNOCHITON Gray J.E., 1847

- Ischnochiton rissoi* (Payraudeau, 1826)
Ischnochiton vanbellei Kaas, 1985 (Z) (3)

CALLOCHITONINAE

CALLOCHITON Gray J.E., 1847

- Callochiton septemvalvis euplaeae* (Costa O.G., 1829)

LEPIDOCHITONINAE

LEPIDOCHITONA Gray J.E., 1821

- Lepidochitona cinerea* (Linnaeus, 1767)
Lepidochitona corrugata (Reeve, 1848)
Lepidochitona furtiva (Monterosato, 1879)

CHITONIDAE

CHITONINAE

CHITON Linnaeus, 1758

Chiton corallinus (Risso, 1826)

Chiton olivaceus Spengler, 1797

Chiton phaseolinus Monterosato, 1879

ACANTHOCHITONIDAE

ACANTHOCHITONINAE

ACANTHOCHITONA Gray J.E., 1821

Acanthochitona crinita (Pennant, 1777)

Acanthochitona fascicularis (Linnaeus, 1767)

GASTROPODA

PROSOBRANCHIA

ARCHAEOGASTROPODA

DOCOGLOSSA

PATELLOIDEA

PATELLIDAE

PATELLA Linnaeus, 1758

Patella caerulea Linnaeus, 1758

Patella ferruginea Gmelin, 1791 (Z) (4)

Patella rustica Linnaeus, 1758

Patella ulyssiponensis Gmelin, 1791

PATINA Leach, 1847

Patina pellucida (Linnaeus, 1758) (Z) (5)

ACMAEOIDEA

ACMAEIDAE

ACMAEA Eschscholtz, 1833

Acmaea virginea (Muller O.F., 1776)

COCCULINIFORMIA

LEPETELLOIDEA

LEPETELLIDAE

LEPETELLA Verrill, 1880

Lepetella labronica (Bogi, 1984)

Lepetella laterocompressa (De Rayneval & Ponzi, 1854)

ADDISONIIDAE

ADDISONIA Dall, 1882

Addisonia lateralis (Requien, 1848)

PSEUDOCOCULINIDAE

CAYMANABYSSINAE

COPULABYSSIA Haszprunar, 1988

Copulabyssia corrugata (Jeffreys, 1883)

NERITOPSINA

NERITOIDEA

NERITIDAE

SMARAGDIINAE

SMARAGDIA Issel, 1869

Smaragdia viridis (Linnaeus, 1758)

VETIGASTROPODA

FISSURELLOIDEA

FISSURELLIDAE

FISSURELLINAE

FISSURELLA Bruguiere, 1789

Fissurella nubecula (Linnaeus, 1758)

DIODORINAE

DIODORA Gray, 1821

Diodora gibberula (Lamarck, 1822)

Diodora graeca (Linnaeus, 1758)

Diodora italica (Defrance, 1820)

EMARGINULINAE

EMARGINULA Lamarck, 1801

Emarginula adriatica Costa O. G., 1829

Emarginula fissura (Linnaeus, 1758)

Emarginula octaviana Coen, 1939

Emarginula punctulum Piani 1980 ex Monterosato ms. (X)

Emarginula rosea Bell T., 1824

Emarginula sicula Gray, 1825

Emarginula solidula Costa O.G., 1829

Emarginula tenera Locard, 1892

EMARGINELLA Pilsbry in Tryon & Pilsbry, 1891

Emarginella huzardii (Payraudeau, 1826)

SCISSURELLOIDEA

SCISSURELLIDAE

SCISSURELLA D'Orbigny, 1824

Scissurella costata D'Orbigny, 1824

ANATOMA Woodward, 1859

Anatoma crispata Fleming, 1828

SINEZONA Finlay, 1927

Sinezona cingulata (Costa O.G., 1861)

HALIOTOIDEA

HALIOTIDAE

HALIOTIS Linnaeus, 1758

Haliotis tuberculata lamellosa Lamarck, 1822

TROCHOIDEA

TROCHIDAE

TROCHINAE

CLANCULUS Montfort, 1810

- Clanculus corallinus* (Gmelin, 1791)
- Clanculus cruciatus* (Linnaeus, 1758)
- Clanculus jussieui* (Payraudeau, 1826)

CALLIOSTOMATINAE

CALLIOSTOMA Swainson, 1840

- Calliostoma comulus* (Linnaeus, 1758)
- Calliostoma laugierii* (Payraudeau, 1826)
- Calliostoma dubium* (Philippi, 1844)
- Calliostoma zizyphinum* (Linnaeus, 1758)
- Calliostoma granulatum* (Von Born, 1778)

GIBBULINAE

GIBBULA Risso, 1826 ex Leach ms.

- Gibbula ardens* (Von Salis, 1793)
- Gibbula magus* (Linnaeus, 1758)
- Gibbula adansonii* (Payraudeau, 1826)
- Gibbula adriatica* (Philippi, 1844) (Z) (6)
- Gibbula nivosa* Adams A., 1851
- Gibbula racketti* (Payraudeau, 1826)
- Gibbula spratti* (Forbes, 1844) (Z) (7)
- Gibbula turbinoides* (Deshayes, 1835)
- Gibbula famulum* (Gmelin, 1791)
- Gibbula guttadauri* (Philippi, 1836)
- Gibbula leucophaea* (Philippi, 1836) (X)
- Gibbula philberti* (Recluz, 1843)
- Gibbula richardi* (Payraudeau, 1826)
- Gibbula varia* (Linnaeus, 1758)
- Gibbula cineraria* (Linnaeus, 1758) (Z) (8)
- Gibbula divaricata* (Linnaeus, 1758)
- Gibbula rarilineata* (Michaud, 1829)
- Gibbula umbilicaris* (Linnaeus, 1758)

MARGARITINAE

DANILIA Brusina, 1865

- Danilia otaviana* (Cantraine, 1835)

MONODONTINAE

MONODONTA Lamarck, 1799

- Monodonta articulata* Lamarck, 1822
Monodonta mutabilis (Philippi, 1846)
Monodonta turbinata (Von Born, 1778)

CLELANDELLA Winckworth, 1932

- Clelandella miliaris* (Brocchi, 1814)

JUJUBINUS Monterosato, 1884

- Jujubinus exasperatus* (Pennant, 1777)
Jujubinus gravinae (Dautzenberg, 1881)
Jujubinus montagui (Wood W., 1828)
Jujubinus striatus (Linnaeus, 1758)
Jujubinus tumidulus (Aradas, 1846)

UMBONIINAE

UMBONIUM Link, 1807

- Umbonium vestiarium* (Link, 1807) (Y)

COLLONIIDAE

HOMALOPOMA Carpenter, 1864

- Homalopoma sanguineum* (Linnaeus, 1758)

SKENEIDAE

LODDERENA Iredale, 1924

- Lodderena catenoides* (Monterosato, 1877)

SKENOIDES Waren, 1991

- Skenoides exilissima* (Philippi, 1844) (X)

SKENEA Fleming, 1825

- Skenea pelagia* Nofroni & Valenti, 1987 (X)
Skenea serpuloides (Montagu, 1808)

LISSOTESTA Iredale, 1915

- Lissotesta gittenbergeri* Van Aartsen & Bogi, 1988 (X)
Lissotesta turrita (Gaglioli, 1987) (X)

LISSOMPHALIA Waren, 1991

Lissomphalia bithynoides (Monterosato, 1880) (X)

DIKOLEPS Hoisaeter, 1968

Dikoleps cutleriana (Clark, 1848)

Dikoleps nitens (Philippi, 1844)

Dikoleps pusilla (Jeffreys, 1847)

PARVITURBO Pilsbry & McGinty, 1945

Parviturbo fenestratus (Chaster, 1896) (X)

PSEUDORBIS Monterosato, 1884

Pseudorbis granulum (Brugnone, 1873) (X)

THARSIELLA Bush, 1897

Tharsiella depressa (Granata-Grillo, 1877)

CIRSONELLA Angas, 1877

Cirsonella romettensis (Granata, 1877)

TRICOLIIDAE

TRICOLIA Risso, 1826

Tricolia miniata (Monterosato, 1884) (Z) (9)

Tricolia pullus (Linnaeus, 1758)

Tricolia speciosa (Von Muehlfeldt, 1824)

Tricolia tenuis (Michaud, 1829)

TURBINIDAE

ASTRAEINAE

BOLMA Risso, 1826

Bolma rugosa (Linnaeus, 1767)

NEOTAENIOGLOSSA

CERITHIOIDEA

CERITHIIDAE

CERITHIUM Bruguiere, 1789

- Cerithium alucaster* (Brocchi, 1814) (X)
Cerithium lividulum Risso, 1826
Cerithium protractum Bivona Ant. in Bivona And., 1838 (X)
Cerithium rupestre Risso, 1826
Cerithium vulgatum Bruguiere, 1792

BITTIUM Gray, 1847 ex Leach ms.

- Bittium jadertinum* (Brusina, 1865) (X)
Bittium lacteum (Philippi, 1836)
Bittium latreillii (Payraudeau, 1826)
Bittium reticulatum (Da Costa, 1778)
Bittium scabrum (Olivi, 1792) (X)

CERITHIDIUM Monterosato, 1884

- Cerithidium submamillatum* (De Rayneval & Ponzi, 1854)

FOSSARIDAE

FOSSARUS Philippi, 1841

- Fossarus ambiguus* (Linnaeus, 1758)

POTAMIDIDAE

PIRENELLA Gray, 1847

- Pirenella conica* (Blainville, 1826)

THIARIDAE

MELANOIDES Olivier, 1804

- Melanoides tuberculatus* (Muller, 1774)

SILICUARIIDAE

TENAGODUS Guettard, 1770

- Tenagodus obtusus* (Schumacher, 1817)

TURRITELLIDAE

TURRITELLINAE

TURRITELLA Lamarck, 1799

Turritella communis Risso, 1826

Turritella turbona Monterosato, 1877

LITTORINOIDEA

LITTORINIDAE

LITTORININAE

LITTORINA Ferussac, 1822

Littorina neritoides (Linnaeus, 1758)

Littorina punctata (Gmelin, 1791)

SKENEOPSIDAE

SKENEOPSIS Iredale, 1915

Skeneopsis pellucida (Monterosato, 1874) (X)

CINGULOPSOIDEA

CINGULOPSIDAE

EATONINA Thiele, 1912

Eatonina ochroleuca (Brusina, 1869) (X)

Eatonina cossurae (Calcara, 1841)

Eatonina fulgida (Adams J., 1797) (X)

TUBBREVA Ponder, 1965

Tubbreva micrometrica (Aradas & Benoit, 1876 ex Seguenza G.ms)

RISSEOIDEA

RISSOIDAE

RISSOINAE

RISSOA Freminville in Desmarest, 1814

Rissoa auriscalpium (Linnaeus, 1758)

Rissoa guerinii Recluz, 1843 (X)

Rissoa labiosa (Montagu, 1803)

Rissoa lia (Monterosato, 1884 ex Benoit ms.) (X)

Rissoa monodonta Philippi, 1836

Rissoa paradoxa (Monterosato, 1884)

Rissoa scurra (Monterosato, 1917) (X)
Rissoa similis Scacchi, 1836
Rissoa variabilis (Von Muehlfeldt, 1824)
Rissoa ventricosa Desmarest, 1814
Rissoa violacea Desmarest, 1814

ALVANIA Risso, 1826

Alvania beani (Hanley in Thorpe, 1844) (X)
Alvania beniamina (Monterosato, 1884) (X)
Alvania cancellata (Da Costa, 1778)
Alvania carinata (Da Costa, 1778)
Alvania cimicoides (Forbes, 1844)
Alvania discors (Allan, 1818)
Alvania geryonia (Nardo, 1847 ex Chiereghini ms.) (X)
Alvania hispidula (Monterosato, 1884) (X)
Alvania lactea (Michaud, 1832)
Alvania lanciae (Calcara, 1841)
Alvania lineata Risso, 1826
Alvania litoralis (Nordsieck F., 1972) (X)
Alvania mamillata Risso, 1826
Alvania paupercula (Jeffreys, 1867) (X)
Alvania punctura (Montagu, 1803) (X)
Alvania pseudocingulata (Nordsieck F., 1972) (X)
Alvania scabra (Philippi, 1844) (Z) (10)
Alvania subcrenulata (B.D.D., 1884) (X)
Alvania subsoluta (Aradas, 1847)
Alvania tenera (Philippi, 1844)
Alvania tessellata Weinkauff, 1868 ex Schwartz ms. (X)
Alvania testae (Aradas & Maggiore, 1844) (X)
Alvania semistriata (Montagu, 1808) (X)

MANZONIA Brusina, 1870

Manzonia crassa (Kanmacher, 1798)
Manzonia fischeri (Jeffreys, 1884) (X)
Manzonia subareolata (Monterosato, 1869) (X)
Manzonia weinkauffi jacobusi Oliverio, Amati & Nofroni, 1986
Manzonia zetlandica (Montagu, 1815) (X)

OBTUSELLA Cossmann, 1921 ex Monterosato ms.

Obtusella intersecta (Wood S.W., 1857) (X)
Obtusella macilenta (Monterosato, 1880) (X)

PERINGIELLA Monterosato, 1878

Peringiella elegans (Locard, 1892) (X)
Peringiella epidaurica (Brusina, 1866) (X)

PUSILLINA Monterosato, 1884

- Pusillina diversa* (Nordsieck F., 1972) (X)
Pusillina inconspicua (Alder, 1844) (X)
Pusillina interrupta (Adams J., 1800) (Z) (11)
Pusillina marginata (Michaud, 1832) (X)
Pusillina munda (Monterosato, 1884) (X)
Pusillina parva (Da Costa, 1778) (Z) (12)
Pusillina philippi (Aradas & Maggiore, 1844)
Pusillina radiata (Philippi, 1836)

SETIA Adams H. & A., 1854

- Setia ambigua* (Brugnone, 1873) (X)
Setia fusca (Philippi, 1841)
Setia maculata (Monterosato, 1869) (X)
Setia turriculata Monterosato, 1884 (X)

RISSOININAE

RISSOINA D'Orbigny, 1840

- Rissoina bruguieri* (Payraudeau, 1826)

ANABATHRIDAE

NODULUS Monterosato, 1878

- Nodulus contortus* (Jeffreys, 1856) (X)

PISINNA Monterosato, 1878

- Pisinna glabrata* (Von Muehlfeldt, 1824) (X)

ASSIMINEIDAE

OMPHALOTROPIDINAE

PALUDINELLA Pfeiffer, 1841

- Paludinella littorina* (Delle Chiaje, 1828)

BARLEEIDAE

BARLEEIA Clark W., 1853

- Barleeia unifasciata* (Montagu, 1803)
Barleeia carrozzai van Aartsen & Gianuzzi-Savelli, 1991 (X)

CAECIDAE

CAECINAE

CAECUM Gray M.E., 1850

Caecum auriculatum De Folin, 1868 (X)

Caecum clarkii Carpenter, 1858 (X)

Caecum subannulatum De Folin, 1870

Caecum trachea (Montagu, 1803)

HYDROBIIDAE

HYDROBIA Hartmann, 1821

Hydrobia acuta (Draparnaud, 1805) (X)

Hydrobia ulvae (Pennant, 1777) (Z) (13)

VENTROSIA Radoman, 1977

Ventrosia ventrosa (Montagu, 1803)

HELEOBIA Stimpson, 1865

Heleobia stagnorum (Gmelin, 1791) (X)

IRAVADIIDAE

CERATIA Adams H. & A., 1852

Ceratia proxima (Forbes & Hanley, 1850 ex Alder ms.) (X)

HYALA Adams H. & A., 1852

Hyala vitrea (Montagu, 1803) (X)

TORNIDAE

TORNUS Turton & Kingston, 1830

Tornus subcarinatus (Montagu, 1803)

TRUNCATELLIDAE

TRUNCATELLA Risso, 1826

Truncatella subcylindrica (Linnaeus, 1767)

APORRHAIIDAE

APORRHAIIS Da Costa, 1778

Aporrhais pespelecani (Linnaeus, 1758)

Aporrhais serresianus (Michaud, 1828)

VANIKOROIDEA

VANIKORIDAE

MEGALOMPHALUS Brusina, 1875

Megalomphalus azonus (Brusina, 1865)

TALASSIA Waren & Bouchet, 1988

Talassia dagueneti (De Folin, 1873) (X)

CALYPTRAEOIDEA

CALYPTRAEIDAE

CALYPTRAEA Lamarck, 1799

Calyptraea chinensis (Linnaeus, 1758)

CREPIDULA Lamarck, 1799

Crepidula fornicata (Linnaeus, 1758) (Y)

Crepidula gibbosa DeFrance, 1818

Crepidula unguiformis Lamarck, 1822

CAPULIDAE

CAPULUS Montfort, 1810

Capulus ungaricus (Linnaeus, 1758)

XENOPHOROIDEA

XENOPHORIDAE

XENOPHORA Fischer von Waldheim, 1807

Xenophora crista (Koenig, 1825)

VERMETOIDEA

VERMETIDAE

VERMETUS Cuvier, 1800

- Vermetus cristatus* Biondi, 1857 (Z) (14)
Vermetus rugulosus Monterosato, 1878 (X)
Vermetus triquetrus Bivona Ant., 1832
Vermetus granulatus (Gravenhorst, 1831)
Vermetus semisurrectus Bivona Ant., 1832

DENDROPOMA Moerch, 1862

- Dendropoma petraeum* (Monterosato, 1884)

PETALOCONCHUS Lea, 1843

- Petalconchus glomeratus* (Linnaeus, 1758)

SERPULORBIS Sassi, 1827

- Serpulorbis arenaria* (Linnaeus, 1767)

CYPRAEOIDEA

CYPRAEIDAE

EROSARIA Troschel, 1863

- Erosaria spurca* (Linnaeus, 1758)

LURIA Jousseaume, 1884

- Luria lurida* (Linnaeus, 1758)

SCHILDERIA Tomlin, 1930

- Schilderia achatidea* (Gray in Sowerby G.B.II, 1837)

ZONARIA Jousseaume, 1884

- Zonaria pyrum* (Gmelin, 1791)

OVULIDAE

OVULINAE

NEOSIMNIA Fischer P., 1884

Neosimnia spelta (Linnaeus, 1758) (Z) (15)

PSEUDOSIMNIA Schilder, 1927

Pseudosimnia carnea (Poiret, 1789)

PEDICULARIINAE

PEDICULARIA Swainson, 1840

Pedicularia sicula Swainson, 1840 (Z) (16)

LAMELLARIOIDEA

LAMELLARIIDAE

LAMELLARIINAE

LAMELLARIA Montagu, 1815

Lamellaria perspicua (Linnaeus, 1758)

TRIVIIDAE

TRIVIINAE

TRIVIA Gray, 1837

Trivia arctica (Pulteney, 1789)

Trivia monacha (Da Costa, 1778)

Trivia multilirata (Sowerby G.B.II, 1870) (X)

Trivia pulex (Solander in Gray, 1828)

PUSULA Jousseume, 1884

Pusula candidula (Gaskoin, 1836) (Z) (17)

ERATOINAE

ERATO Risso, 1826

Erato voluta (Montagu, 1803)

NATICOIDEA

NATICIDAE

NATICINAE

NATICA Scopoli, 1777

- Natica dillwynii* Payraudeau, 1826
Natica gualteriana Recluz, 1844 (X) (Y)
Natica hebraea (Martyn, 1784)
Natica stercusmuscarum (Gmelin, 1791)
Natica filosa Philippi, 1845 (X)

POLINICINAE

EUSPIRA Agassiz, 1838

- Euspira fusca* (Blainville, 1825)
Euspira guillemini (Payraudeau, 1826)
Euspira macilenta (Philippi, 1844)
Euspira nitida (Donovan, 1804) (X)

NEVERITA Risso, 1826

- Neverita josephinia* Risso, 1826 (Y)

PAYRAUDEAUTIA B.D.D., 1883

- Payraudeautia intricata* (Donovan, 1804)

TONNOIDEA

TONNIDAE

TONNA Brunnich, 1771

- Tonna galea* (Linnaeus, 1758)

CASSIDAE

GALEODEA Link, 1807

- Galeodea echinophora* (Linnaeus, 1758)

PHALIUM Link, 1807

- Phalium granulatum* (Born, 1778)
Phalium saburon (Bruguiere, 1792)

RANELLIDAE

RANELLINAE

RANELLA Gray J.E., 1854

Ranella olearia (Linnaeus, 1758)

CYMATIINAE

CYMATIUM Roeding, 1798

Cymatium corrugatum (Lamarck, 1816)

Cymatium parthenopeum (Von Salis, 1793)

CABESTANA Roeding, 1798

Cabestana cutacea (Linnaeus, 1758)

CHARONIA Gistel, 1848

Charonia lampas (Linnaeus, 1758)

Charonia tritonis variegata (Lamarck, 1816)

BURSIDAE

BURSA Roeding, 1798

Bursa scrobilator (Linnaeus, 1758)

CARINARIOIDEA

CARINARIIDAE

CARINARIA Lamarck, 1801

Carinaria mediterranea Blainville, 1825

ATLANTIDAE

ATLANTA Lesueur, 1817

Atlanta fusca Souleyet, 1852

Atlanta peronii Lesueur, 1817

OXYGYRUS Benson, 1835

Oxygyrus keraudrenii (Lesueur, 1817) (X)

PROTATLANTA Tesch, 1908

Protatlanta souleyeti (Smith E. A., 1888) (X)

FIROLIDAE

FIROLOIDA Lesueur, 1817

Firoloida desmarestia Lesueur, 1817

PTEROTRACHEA Forskal, 1775

Pterotrachea coronata Niebuhr, 1775 ex Forskal ms. (Z) (18)

TRIPHOROIDEA

TRIPHORIDAE

TRIPHORINAE

CHEIRODONTA Marshall, 1983

Cheirodonta pallescens (Jeffreys, 1867) (X)

COSMOTRIPHORA Olsson & Harbison, 1953

Cosmotriphora pseudocanarica Bouchet, 1985 (X)

MARSHALLORA Bouchet, 1984

Marshallora adversa (Montagu, 1803) (X)

MONOPHORUS Granata Grillo, 1877

Monophorus perversus (Linnaeus, 1758)

Monophorus erythrosoma (Bouchet & Guillemot, 1978) (X)

Monophorus thiriotae Bouchet, 1984 (X)

OBESULA Jousseume, 1897

Obesula marinostri Bouchet, 1985 (X)

SIMILIPHORA Bouchet, 1984

Similiphora similior (Bouchet & Guillemot, 1978) (X)

METAXIINAE

METAXIA Monterosato, 1884

Metaxia metaxa (Delle Chiaje, 1828)

CERITHIOPSIDAE

CERITHIOPSIS Forbes & Hanley, 1851

Cerithiopsis atalaya Watson, 1874

Cerithiopsis barleei Jeffreys, 1887. (X)

Cerithiopsis diadema Monterosato, 1874 ex Watson ms. (X)

Cerithiopsis fayalensis Watson, 1886 (X)

Cerithiopsis jeffreysi Watson, 1885 (X)

Cerithiopsis minima (Brusina, 1865) (X)

Cerithiopsis nana Jeffreys, 1867 (X)

Cerithiopsis tiara Monterosato, 1874 ex Watson ms. (X)

Cerithiopsis tubercularis (Montagu, 1803)

Cerithiopsis urioi Hallgass, 1985 (X)

DIZONIOPSIS Sacco in Bellardi Sacco, 1895

Dizoniopsis bilineata (Hoernes, 1848) (X)

Dizoniopsis clarkii (Forbes in Hanley, 1851) (X)

JANTHINOIDEA

JANTHINIDAE

JANTHINA Roeding, 1798

Janthina janthina (Linnaeus, 1758)

Janthina nitens Menke, 1828

Janthina pallida Thompson, 1840 ex Harvey ms.

ACLIDIDAE

ACLIS Loven, 1846

Aclis ascaris (Turton, 1819) (X)

Aclis attenuans Jeffreys, 1883 (X)

Aclis gulsonae (Clark W., 1850) (X)

Aclis minor (Brown, 1827) (X)

CIMA Chaster, 1898

Cima cylindrica (Jeffreys, 1856) (X)

Cima minima (Jeffreys, 1858) (X)

GRAPHIS Jeffreys, 1867

Graphis albida (Kanmacher, 1798) (X)

Graphis gracilis (Monterosato, 1874 ex Jeffreys ms.) (X)
Graphis striata (Jeffreys, 1884)

EPITONIIDAE

EPITONIINAE

EPITONIUM Roeding, 1798

Epitonium aculeatum (Allan, 1818) (X)
Epitonium algerianum (Weinkauff, 1866) (X)

Epitonium commune (Lamarck, 1822)
Epitonium clathratulum (Kanmacher, 1798) (X)
Epitonium hispidulum (Monterosato, 1874) (X)
Epitonium linctum (De Boury & Monterosato, 1890) (X)
Epitonium pseudonamum Bouchet & Waren, 1986 (X)
Epitonium pulchellum (Bivona Ant., 1832)
Epitonium tiberii (De Boury, 1890) (X)
Epitonium turtoni (Turton, 1819)

ACIRSA Moersch, 1857

Acirsa subdecussata (Cantraine, 1835) (X)

CIRSOTREMA Morch, 1852

Cirsotrema cochlea (Sowerby G.B.II, 1844) (X)

GYROSCALA De Boury, 1887

Gyroscala lamellosa (Lamarck, 1822)

OPALIA Adams H. & A., 1853

Opalia crenata (Linnaeus, 1758)
Opalia hellenica (Forbes, 1844)

NYSTIELLINAE

NARRIMANIA Taviani, 1984

Narrimania concinna (Sykes, 1925) (X)

OPALIOPSIS Thiele, 1928

Opaliopsis atlantis (Clench & Turner, 1952) (X)

EULIMOIDEA

EULIMIDAE

EULIMA Risso, 1826

Eulima bilineata Alder, 1848 (X)

Eulima glabra (Da Costa, 1778)

CRINOPHTHEIROS Bouchet & Waren, 1986

Crinophtheiros comatulicola (Graff, 1875) (X)

ENTOCONCHA Mueller, 1852

Entoconcha mirabilis Mueller, 1852 (X)

ERSILIA Monterosato, 1872

Ersilia mediterranea (Monterosato, 1869)

HALIELLA Monterosato, 1878

Haliella stenostoma (Jeffreys, 1858) (Z) 18a

MELANELLA Bowdich, 1822

Melanella boscii (Payraudeau, 1827)

Melanella compactilis (Monterosato, 1884)

Melanella monterosatoi (Monterosato, 1890 ex De Boury ms.) (X)

Melanella polita (Linnaeus, 1758)

PARVIORIS Waren, 1981

Parvioris anderswareni van Aartsen & Giannuzzi-Savelli, 1991 (X)

NANOBALCIS Waren & Mifsud, 1990

Nanobalcis nana (Monterosato, 1878)

PELSENEERIA Koehler & Vaney, 1908

Pelseneeria minor Koehler & Vaney, 1908 (X)

SABINELLA Monterosato, 1890

Sabinella bonifaciae Nordsieck, 1974

STICTEULIMA Laseron, 1955

Sticteulima jeffreysiana (Brusina, 1869) (X)

VITREOLINA Monterosato, 1884

- Vitreolina antiflexa* Monterosato, 1884 (X)
Vitreolina curva (Monterosato, 1874 ex Jeffreys ms.) (X)
Vitreolina incurva (B.D.D., 1883) (Z) (19)
Vitreolina philippi (Rayneval, Ponzi & van der Heck, 1854) (Z) 19a.
Vitreolina devians (Monterosato, 1875)

NEOGASTROPODA

MURICOIDEA

MURICIDAE

MURICINAE

BOLINUS Pusch, 1837

- Bolinus brandaris* (Linnaeus, 1758)

DERMOMUREX Monterosato, 1890

- Dermomurex scalaroides* (Blainville, 1829)

HADRIANIA B.D.D., 1882

- Hadriania oretea* (De Gregorio, 1885) (Z) (20)

HEXAPLEX Perry, 1811

- Hexaplex trunculus* (Linnaeus, 1758)

MUREXSUL Iredale, 1915

- Murexsul aradasii* (Poirier, 1883 ex Monterosato ms.)

MURICOPSIS B.D.D., 1882

- Muricopsis cristata* (Brocchi, 1814)

OCENEBRA Gray, J.E., 1847

- Ocenebra erinaceus* (Linnaeus, 1758)

OCINEBRINA Jousseau. 1880

- Ocinebrina aciculata* (Lamarck, 1822)

Ocinebrina edwardsii (Payraudeau, 1826)
Ocinebrina hybrida (Aradas & Benoit, 1876) (X)

TROPHON Montfort, 1810

Trophon echinatus (Kiener, 1840) (X)
Trophon muricatus (Montagu, 1803)

TYPHINELLUS Jousseume, 1880

Typhinellus sowerbyi (Broderip, 1833)

BUCCININAE

BUCCINULUM Deshayes, 1830

Buccinulum corneum (Linnaeus, 1758)

CHAUVETIA Monterosato, 1884

Chauvetia brunnea (Donovan, 1804)
Chauvetia candidissima (Philippi, 1836)
Chauvetia lefebvrei (Maravigna, 1840) (X)
Chauvetia lineolata (Tiberi, 1868) (X)
Chauvetia submamillata (B.D.D., 1882) (X)
Chauvetia turritellata (Deshayes, 1835) (X)

COLUBRARIA Schumacher, 1817

Colubraria reticulata (Blainville, 1826)

ENGINA Gray J.E., 1839

Engina leucozona (Philippi, 1843)

PISANIA Bivona Ant., 1832

Pisania striata (Gmelin, 1791)

POLLIA Gray J.E. in Sowerby G.B.II, 1834

Pollia dorbignyi (Payraudeau, 1826)
Pollia scabra Locard, 1886 (X)
Pollia scacchiana (Philippi, 1844) (Z) (21)

CORALLIOPHILINAE

CORALLIOPHILA Chenu, 1859

Coralliophila brevis (Blainville, 1832)

Coralliophila meyendorffii (Calcara, 1845)
Coralliophila panormitana (Monterosato, 1869) (X)
Coralliophila squamosa (Bivona, 1838)

LATIAXIS Swainson, 1840

Latiaxis amaliae (Kobelt, 1907)
Latiaxis babelis (Requien, 1848)

FASCIOLARIINAE

FASCIOLARIA Lamarck, 1799

Fasciolaria lignaria (Linnaeus, 1758)

FUSINUS Rafinesque, 1815

Fusinus pulchellus (Philippi, 1844)
Fusinus rostratus (Olivi, 1792)
Fusinus rudis (Philippi, 1844)
Fusinus syracusanus (Linnaeus, 1758)

NASSARIINAE

NASSARIUS Dumeril, 1806

Nassarius corniculus (Olivi, 1792)
Nassarius incrassatus (Stroem, 1768)
Nassarius pygmaeus (Lamarck, 1822) (X)
Nassarius reticulatus (Linnaeus, 1758)
Nassarius gramum (Lamarck, 1822) (Z) (22)
Nassarius gibbosulus (Linnaeus, 1758) (Z) (23)
Nassarius mutabilis (Linnaeus, 1758)
Nassarius costulatus cuvierii (Payraudeau, 1826)
Nassarius lima (Dillwyn, 1817)

CYCLOPE Risso, 1826

Cyclope neritea (Linnaeus, 1758)
Cyclope pellucida Risso, 1826

THAIDINAE

STRAMONITA Schumacher, 1817

Stramonita haemastoma (Linnaeus, 1766)

OLIVIIDAE

OLIVELLA Swainson, 1831

Olivella floralia (Duclos, 1853) (Y)

COLUMBELLIDAE

COLUMBELLA Lamarck, 1799

Columbella rustica (Linnaeus, 1758)

MITRELLA Risso, 1826

Mitrella cf. bruggeni V. Aartsen, Menkh., & Gittenb., 1984 (X)

Mitrella decollata (Brusina, 1865) (Z) (24)

Mitrella gervillii (Payraudeau, 1826)

Mitrella minor (Scacchi, 1836)

Mitrella scripta (Linnaeus, 1758)

Mitrella sp. (X)

COSTELLARIIDAE

VEXILLUM Roeding, 1798

Vexillum ebenus (Lamarck, 1811)

Vexillum savignyi (Payraudeau, 1826)

Vexillum tricolor (Gmelin, 1790)

MARGINELLIDAE

MARGINELLINAE

GIBBERULA Swainson, 1840

Gibberula miliaria (Linnaeus, 1758)

Gibberula philippii (Monterosato, 1878)

VOLVARINA Hinds, 1844

Volvarina mitrella (Risso, 1826)

CYSTISCINAE

GRANULINA Jousseume, 1888

Granulina marginata (Bivona, 1832)

Granulina occulta (Monterosato, 1869) (X)

Granulina boucheti Gofas, 1992 (X)

Granulina minusculina (Locard, 1897) (X)

MITRIDAE

MITRINAE

MITRA Lamarck, 1798

Mitra cornicula (Linnaeus, 1758)

Mitra nigra (Gmelin, 1791)

Mitra zonata Marryat, 1818

CANCELLARIOIDEA

CANCELLARIIDAE

CANCELLARIINAE

CANCELLARIA Lamarck, 1799

Cancellaria cancellata (Linnaeus, 1767)

Cancellaria coronata Scacchi, 1835

CONOIDEA

CONIDAE

CONUS Linnaeus, 1758

Conus mediterraneus Hwass in Bruguiere, 1792

TURRIDAE

TURRINAE

FUSITURRIS Thiele, 1929

Fusiturris similis (Bivona And., 1838)

BELINAE

BELA Leach in Gray J.E., 1847

Bela brachystoma (Philippi, 1844)

Bela laevigata (Philippi, 1836)

Bela menkhorsti Van Aartsen, 1988

Bela nebula (Montagu, 1803)

CLATHROMANGELIA Monterosato, 1884

Clathromangelia quadrillum (Dujardin, 1837)

FEHRIA van Aartsen, 1988

Fehria zenetouae van Aartsen, 1988 (X)

GYMNOBELA Verrill, 1884

Gymnobela abyssorum (Locard, 1897) (X)

MANGELIA Risso, 1826

Mangelia attenuata (Montagu, 1803)

Mangelia costata (Donovan, 1804) (X)

Mangelia nuperrima (Tiberi, 1855) (X)

Mangelia paciniana (Calcara, 1839) (X)

Mangelia serga (Dall, 1881) (X)

Mangelia smithii (Forbes, 1840)

Mangelia stossiciana Brusina, 1869 (X)

Mangelia unifasciata (Deshayes, 1835)

Mangelia vauquelini (Payraudeau, 1826)

MANGILIELLA B.D.D., 1883

Mangiliella caerulans (Philippi, 1844)

Mangiliella fieldeni van Aartsen & Fehr de Wal, 1978 ex Monterosato ms.

Mangiliella multilineolata (Deshayes, 1835)

Mangiliella sicula (Reeve, 1846)

Mangiliella taeniata (Deshayes, 1835)

TARANIS Jeffreys, 1870

Taranis moerchi (Malm, 1863) (X)

BRACHYTOMINAE

DRILLIOLA Locard, 1897 ex Monterosato ms.

Drilliola emendata (Monterosato, 1872)

MICRODRILLIA Casey, 1903

Microdrillia loprestiana (Calcara, 1841) (X)

CRASSISPIRINAE

HAEDROPLEURA B.D.D., 1883 ex Monterosato ms.

Haedropleura septangularis (Montagu, 1803)

DAPHNELLINAE

PLEUROTOMELLA Verrill, 1872

- Pleurotomella eurybrocha* (Dautzenberg & Fischer P., 1896) (X)
Pleurotomella gibbera Bouchet & Waren, 1980 ex Jeffreys ms. (X)

DRILLINAE

CRASSOPLEURA Monterosato, 1884

- Crassopleura incrassata* (Dujardin, 1837)

MITROMORPHINAE

MITROLUMNA B.D.D., 1883

- Mitrolumna olivoidea* (Cantraine, 1835)
Mitrolumna melitensis Mifsud, 1993 (X)

RAPHITOMINAE

RAPHITOMA Bellardi, 1848

- Raphitoma concinna* (Scacchi, 1836)
Raphitoma echinata (Brocchi, 1814)
Raphitoma laviae (Philippi, 1844)
Raphitoma leufroyi (Michaud, 1828)
Raphitoma linearis (Montagu, 1803)
Raphitoma purpurea (Montagu, 1803)

COMARMONDIA Monterosato, 1884

- Comarmondia gracilis* (Montagu, 1803)

PHILBERTIA Monterosato, 1884

- Philbertia alternans* Monterosato, 1884 (Z) (25)
Philbertia bofilliana Sullioti, 1889 (X)
Philbertia cordieri (Payraudeau, 1826)
Philbertia densa Monterosato, 1884
Philbertia horrida Monterosato, 1884 (Z) (26)
Philbertia nivea (Marshall in Sykes, 1906) (X)
Philbertia philberti (Michaud, 1829)
Philbertia pseudohystrix (Sykes, 1906)

TERETIA Norman, 1888

- Teretia teres* (Reeve, 1844) (X)

HETEROBRANCHIA

HETEROSTROPHA

ARCHITECTONICOIDEA

ARCHITECTONICIDAE

BASISULCATA Melone & Taviani, 1984

Basisulcata lepida (Bayer, 1942) (X)

DISCOTECTONICA Marwick, 1931

Discotectonica discus (Philippi, 1844) (X)

HELIACUS D'Orbigny, 1842

Heliacus subvariegatus (D'Orbigny, 1852) (X)

Heliacus alleryi (Seguenza G., 1876) (X)

PHILIPPIA Gray J.E., 1847

Philippia hybrida (Linnaeus, 1758) (X)

PSEUDOMALAXIS Fischer P., 1885

Pseudomalaxis zancleus (Philippi, 1844) (X)

PSEUDOTORINIA Sacco, 1892

Pseudotorinia architae (Costa O.G., 1841) (X)

MATHILDIDAE

MATHILDA Semper, 1865

Mathilda cochlaeformis Brugnone, 1873

Mathilda coronata Monterosato, 1875 (X)

Mathilda gemmulata Semper, 1865 (X)

Mathilda retusa Brugnone, 1873 (X)

RISSEOELLOIDEA

RISSEOELLIDAE

RISSEOELLA Gray J.E., 1847

Rissoella diaphana (Alder, 1848) (X)

Rissoella inflata Locard, 1892 (X)

Rissoella opalina (Jeffreys, 1848)

ORBITESTELLIDAE

ORBITESTELLA Iredale, 1917

Orbitestella dariae (Liucci & Zucchi Stolfi, 1979) (X)

OMALOGYROIDEA

XYLODISCULIDAE

Xylodiscula boucheti Waren, Carozza & Rocchini, 1991 (X)

Xylodiscula lens Waren, 1991 (X)

OMALOGYRIDAE

OMALOGYRA Jeffreys, 1860

Omalogyra atomus (Philippi, 1841) (X)

Omalogyra simplex (Costa O.G., 1861) (X)

AMMONICERA Vayssiere, 1893

Ammonicera fischeriana (Monterosato, 1869) (X)

Ammonicera rota (Forbes & Hanley, 1850)

RETROTORTINA Chaster, 1896

Retrotortina fuscata Chaster, 1896 (X)

PYRAMIDELLOIDEA

PYRAMIDELLIDAE

PYRAMIDELLINAE

PYRAMIDELLA Lamarck, 1799

Pyramidella minuscula Monterosato, 1880 (X)

CHRYSALLIDINAE

CHRYSALLIDA Carpenter, 1857

Chrysallida brusinai (Cossmann, 1921) (X)

Chrysallida clathrata (Jeffreys, 1848) (X)

Chrysallida decussata (Montagu, 1803) (X)

Chrysallida dollfusi (Kobelt, 1903) (X)

Chrysallida doliolium (Philippi, 1844)

Chrysallida emaciata (Brusina, 1866)

Chrysallida farolita Nordsieck F., 1972 (X)

Chrysallida flexuosa (Monterosato, 1874 ex Jeffreys ms.) (X)
Chrysallida indistincta (Montagu, 1808) (Z) (27)
Chrysallida intermixta (Monterosato, 1884)
Chrysallida jeffreysiana (Monterosato, 1884 ex Seguenza G. ms)
Chrysallida juliae (Folin, 1871) (X)
Chrysallida nanodea (Monterosato, 1878)
Chrysallida obtusa (T. Brown, 1827) (X)
Chrysallida palazzii Micali, 1984 (X)
Chrysallida simulans Chaster, 1850 (X)
Chrysallida stefanisi (Jeffreys, 1869) (X)
Chrysallida suturalis (Philippi, 1844) (X)
Chrysallida terebellum (Philippi, 1844)

CLATHRELLA Recluz, 1864

Clathrella clathrata (Philippi, 1844)

EUPARTHENIA Thiele, 1929

Euparthenia bulinea (Lowe, 1841) (X)
Euparthenia humboldti (Risso, 1826)

FOLINELLA Dall & Bartsch, 1904

Folinella excavata (Philippi, 1836)
Folinella ghisottii Van Aartsen, 1984 (X)

MONOTYGMA Gray J.E., 1847

Monotygmata modesta (De Folin, 1870) (X)

TRAGULA Monterosato, 1884

Tragula fenestrata (Jeffreys, 1848) (X)

EULIMELLINAE

EULIMELLA Gray, 1847

Eulimella acicula (Philippi, 1836)
Eulimella scillae (Scacchi, 1835)
Eulimella turris (Forbes, 1844) (X)
Eulimella ventricosa (Forbes, 1844) (X)

ANISOCYCLA Monterosato, 1880

Anisocycla folini (Fischer P. in De Folin, 1869) (X)
Anisocycla nitidissima (Montagu, 1803) (X)
Anisocycla pointeli (De Folin, 1867) (X)
Anisocycla trigonostoma (De Folin, 1869) (X)

SYRNOLA Adams A., 1860

- Syrnola minuta* Adams H., 1869 (X)
Syrnola unifasciata (Forbes, 1844) (X)

ODOSTOMIINAE

ODOSTOMIA Fleming, 1813

- Odostomia acuta* Jeffreys, 1848 (X)
Odostomia angusta Jeffreys, 1867 (X)
Odostomia carrozzai van Aartsen, 1987 (X)
Odostomia conoidea (Brocchi, 1814)
Odostomia conspicua Alder, 1850 (X)
Odostomia eulimoides Hanley, 1844
Odostomia fusulus Monterosato, 1878 (X)
Odostomia kromi van Aartsen, Menkhorst & Gittenberger, 1984 (X)
Odostomia lorellae Micali, 1987 (X)
Odostomia lukisii Jeffreys, 1859 (X)
Odostomia nitens (Jeffreys, 1870)
Odostomia plicata (Montagu, 1803)
Odostomia scalaris MacGillivray, 1843 (X)
Odostomia striolata Forbes & Hanley, 1850 (X)
Odostomia turriculata Monterosato, 1869 (X)
Odostomia turrata Hanley, 1844 (X)
Odostomia unidentata (Montagu, 1803) (X)
Odostomia verduini van Aartsen, 1987 (Z) (28)

LIOSTOMIA O.G.Sars, 1878

- Liostomia clavula* (Loven, 1846) (X)
Liostomia afzeli Waren, 1991 (X)
Liostomia mamoi Mifsud, 1993 (X)

ONDINA De Folin, 1870

- Ondina diaphana dilucida* (Monterosato, 1884) (X)
Ondina obliqua (Alder, 1844) (X)
Ondina vitrea (Brusina, 1866)
Ondina warreni scandens (Monterosato, 1884) (X)
Ondina sp.1. (X)
Ondina sp.2. (X)

TURBONILLINAE

TURBONILLA Risso, 1826

- Turbonilla acuta* (Donovan, 1804) (X)
Turbonilla compressa (Jeffreys, 1884) (X)
Turbonilla delicata Monterosato, 1874 (X)

- Turbonilla gradata* B.D.D., 1883 (X)
Turbonilla jeffreysii (Jeffreys, 1848) (X)
Turbonilla lactea (Linnaeus, 1758)
Turbonilla micans (Monterosato, 1875) (X)
Turbonilla multilirata (Monterosato, 1875) (X)
Turbonilla paucistriata (Jeffreys, 1884) (X)
Turbonilla postacuticostata Sacco, 1892 (X)
Turbonilla pseudogradata Nordsieck F., 1972 (X)
Turbonilla pumila Seguenza G., 1876 (X)
Turbonilla pusilla (Philippi, 1844) (X)
Turbonilla rufa (Philippi, 1836)
Turbonilla sinuosa (Jeffreys, 1884) (X)
Turbonilla striatula (Linnaeus, 1758)
Turbonilla sp. (X)

CYCLOSTREMELLIDAE

TJAERNOEIA Waren & Bouchet, 1988

- Tjaernoeia exquisita* (Jeffreys, 1883) (X)

CEPHALASPIDEA

ACTEONOIDEA

ACTEONIDAE

ACTEON Montfort, 1810

- Acteon tornatilis* (Linnaeus, 1758)
Acteon monterosatoi Dautzenberg, 1889 (X)

CRENILABIUM Cossmann, 1889

- Crenilabium exile* (Jeffreys, 1870 ex Forbes ms.) (X)

LIOCARENUS Harris & Burrows, 1891

- Liocarenus globulinus* (Forbes, 1844) (X)

JAPONACTEON Taki, 1956

- Japonacteon pusillus* (McGillivray, 1843) (X)

DIAPHANOIDEA

DIAPHANIDAE

DIAPHANA Brown, 1827

Diaphana cf. minuta Brown, 1827 (X)

RETUSOIDEA

RETUSIDAE

RETUSA Brown, 1827

Retusa mammillata (Philippi, 1836)

Retusa obtusa (Montagu, 1803) (X)

Retusa semisulcata (Philippi, 1836)

Retusa truncatula (Bruguiere, 1792)

CYLICHNINA Monterosato, 1884

Cylichnina laevisculpta (Granata, 1877) (Z) (28a)

Cylichnina multiquadrata (Oberling, 1970) (X)

Cylichnina umbilicata (Montagu, 1803)

PYRUNCULUS Pilsbry, 1895

Pyrunculus minutissimus (Monterosato, 1878 ex Martin ms.) (X)

VOLVULELLA Newton, 1891

Volvulella acuminata (Bruguiere, 1792)

RINGICULOIDEA

RINGICULIDAE

RINGICULA Deshayes, 1838

Ringicula auriculata (Menard de la Groye, 1811)

Ringicula conformis (Monterosato, 1877) (X)

Ringicula leptocheila Brugnone, 1873 (X)

BULLOIDEA

BULLIDAE

BULLA Linnaeus, 1758

Bulla striata Bruguiere, 1792

HAMINOIDEA

HAMINOEIDAE

HAMINOEA Turton & Kingston, 1830

Haminoea hydatis (Linnaeus, 1758)
Haminoea navicula (Da Costa, 1778)

ATYS Montfort, 1810

Atys jeffreysi (Weinkauff, 1868)

WEINKAUFFIA Monterosato, 1884 ex Adams A.ms.

Weinkauffia turgidula (Forbes, 1844) (X)

PHILINOIDEA

PHILINIDAE

PHILINE Ascanius, 1772

Philene angulata Jeffreys, 1867 (X)
Philine aperta (Linnaeus, 1767)
Philine catena (Montagu, 1803)
Philene denticulata (Adams J., 1800) (X)
Philine intricata Monterosato, 1875 (X)
Philine lima (Brown, 1827) (X)
Philine monterosatoi Monterosato, 1874 ex Jeffreys ms. (X)
Philine punctata (Adams J., 1800) (Z) (29)
Philine quadrata (Wood S., 1839) (X)
Philine scabra (Mueller, 1784) (X)

JOHANIA Monterosato, 1884

Johania retifera (Forbes, 1844) (X)

LAONA Adams A., 1865

Laona flexuosa Sars M., 1870 (X)
Laona pruinosa (Clark, 1827) (X)

AKERIDAE

AKERA Mueller, 1776

Akera bullata Mueller O.F., 1776 (X)

CYLICHNIDAE

CYLICHNA Loven, 1846

Cylichna cylindracea (Pennant, 1777) (X)

Cylichna hoernesii (Weinkauff, 1866) (X)

ROXANIA Leach in Gray J.E., 1847

Roxania utriculus (Brocchi, 1814)

SCAPHANDER Montfort, 1810

Scaphander lignarius (Linnaeus, 1758)

GASTROPTERIDAE

GASTROPTERON Meckel in Kosse, 1813

Gastropteron meckeli Kosse, 1813 (X)

THECOSOMATA

CAVOLINIDAE

CAVOLININAE

CAVOLINIA Abildgaard, 1791

Cavolinia gibbosa (D'Orbigny, 1835 ex Rang ms.)

Cavolinia inflexa (Lesueur, 1813)

Cavolinia tridentata (Niebuhr, 1775 ex Forskal ms.)

Cavolinia uncinata (Rang, 1829) (Z) (30)

DIACRIA Gray, 1840

Diacria trispinosa (Lesueur, 1821) (X)

CLIONIINAE

CLIO Linnaeus, 1767

Clio cuspidata (Bosc, 1802)

Clio pyramidata Linnaeus, 1767

CRESEIS Rang, 1828

Creseis acicula Rang, 1828

Creseis virgula Rang, 1828 (X)

HYALOCYLIS De Folin, 1875

Hyalocylis striata (Rang, 1828)

STYLIOLA Gray, 1850

Styliola subula (Quoy & Gaimard, 1827)

LIMACINIDAE

LIMACINA Bosc, 1817

Limacina retroversa (Fleming, 1823) (X)

Limacina bulimoides (D'Orbigny, 1836) (X)

Limacina trochiformis (D'Orbigny, 1836)

Limacina inflata (D'Orbigny, 1836)

CYMBULIIDAE

GLEBINAE

GLEBA Niebuhr, 1776 ex Forskal ms.

Gleba cordata Niebuhr, 1776 ex Forskal ms.

Gleba chrysosticta (Troschel, 1854 ex Krohn ms.) (X)

PERACLIDAE

PERACLE Forbes, 1844

Peracle apicifulva Meisenheimer, 1906 (X)

SACCOGLOSSA

OXYNOIDEA

OXYNOIDAE

OXYNOE Rafinesque, 1814

Oxynoe olivacea Rafinesque, 1814

LOBIGER Krohn, 1847

Lobiger serradifalci (Calcara, 1840)

VOLVATELLIDAE

ASCOBULLA Marcus Ev., 1972

Ascobulla fragilis (Jeffreys, 1856) (X)

ELYSIOIDEA

ELYSIIDAE

THURIDILLA Bergh, 1872

Thuridilla hopei (Verany, 1853)

BOSELLIDAE

BOSELLIA Trinchese, 1891

Bosellia mimetica Trinchese, 1891

POLYBRANCHIOIDEA

POLYBRANCHIIDAE

POLYBRANCHIINAE

CYERCE Bergh, 1871

Cyerce cristallina (Trinchese, 1881) (X)

NOTASPIDEA

UMBRACULOIDEA

UMBRACULIDAE

UMBRACULUM Schumacher, 1817

Umbraculum umbraculum (Roeding, 1798)

TYLODINIDAE

TYLODINA Rafinesque, 1819

Tylodina perversa (Gmelin, 1791)

PLEUROBRANCHOIDEA

PLEUROBRANCHIDAE

PLEUROBRANCHINAE

BERTHELLA Blainville, 1824

Berthella aurantiaca (Risso, 1818)

Berthella plumula (Montagu, 1803)

BERTHELLINA Gardiner, 1936

Berthellina citrina (Rueppel & Leuckart, 1830) (X)

PLEUROBRANCHAEINAE

PLEUROBRANCHAEA Meckel in Leue, 1813

Pleurobranchaea meckeli Meckel in Leue, 1813 (Z) (31)

ANASPIDEA

APLYSIIDAE

APLYSIA Linnaeus, 1767

Aplysia depilans Gmelin, 1791

Aplysia parvula Guilding in Moerch, 1863

Aplysia punctata (Cuvier, 1803)

Aplysia fasciata Poiret, 1789

BURSATELLA Blainville, 1817

Bursatella leachi Blainville, 1817

DOLABRIFERIDAE

NOTARCHUS Cuvier, 1817

Notarchus punctatus Philippi, 1836

PETALIFERA Gray, 1847

Petalifera petalifera (Rang, 1828) (X)

NUDIBRANCHIA

ANADORIDOIDEA

ONCHIDORIDIDAE

ACANTHODORIS Gray M.E., 1850

Acanthodoris pilosa (Abildgaard in Mueller, 1789)

DIAPHORODORIS Iredale & O'Donoghue, 1923

Diaphorodoris luteocincta (Sars M., 1870) (X)

EUDORIDOIDEA

DORIDIDAE

DORIS Linnaeus, 1758

Doris verrucosa Linnaeus, 1758 (Z) (32)

CHROMODORIDIDAE

CHROMODORIS Alder & Hancock, 1855

Chromodoris britoi Ortea & Perez, 1983

Chromodoris elegantula elegantula (Philippi, 1844)

Chromodoris elegantula polychroma Perrone, 1993

Chromodoris krohmi (Verony, 1846)

Chromodoris purpurea (Risso in Guerin, 1831)

HYPSELODORIS Stimpson, 1855

Hypselodoris villafranca (Risso, 1818) (Z) (33)

Hypselodoris webbi (D'Orbigny, 1839) (X)

DISCODORIDIDAE

DISCODORIS Bergh, 1877

Discodoris atromaculata (Bergh, 1880)

KENTRODORIDIDAE

JORUNNA Bergh, 1876

Jorunna tomentosa (Cuvier, 1804) (X)

PLATYDORIDIDAE

PLATYDORIS Bergh, 1877

Platydoris argo (Linnaeus, 1767) (Z) (34)

PORODORIDOIDEA

DENDRODORIDIDAE

DENDRODORIS Ehrenberg, 1831

Dendrodoris grandiflora (Rapp, 1827)

Dendrodoris limbata (Cuvier, 1804)

DORIOPSIS Bergh, 1880

Doriopsis rarispinosa Pruvot-Fol, 1951 (X)

DENDRONOTOIDEA

DENDRONOTIDAE

DENDRONOTUS Alder & Hancock, 1845

Dendronotus frondosa (Ascanius, 1774) (Z) (35)

TETHYIDAE

TETHYS Linnaeus, 1767

Tethys fimbria Linnaeus, 1767

EUAEOLIDOIDEA

AEOLIDIIDAE

AEOLIS Cuvier, 1798

Aeolis cf. coronata Forbes (Z) (36)

Aeolis cf. fasciculata Lamarck (Z) (37)

AEOLIDIELLA Bergh, 1867

Aeolidiella alderi (Cocks, 1852) (X)

SPURILLA Bergh, 1864

Spurilla neapolitana (Delle Chiaje, 1841)

CALMIDAE

CALMA Alder & Hancock, 1855

Calma glaucoides (Alder & Hancock, 1854)

FIONIDAE

FIONA Alder & Hancock in Forbes & Hanley, 1851

Fiona pinnata (Eschscholtz, 1831) (X)

FLABELLINIDAE

FLABELLINA Voigt, 1834

Flabellina affinis (Gmelin, 1791)

SIPHONARIOIDEA

SIPHONARIIDAE

WILLIAMIA Monterosato, 1884

Williamia gussonii (Costa O.G., 1829)

TRIMUSCULIDAE

TRIMUSCULUS Schmidt, 1818

Trimusculus mammillaris (Linnaeus, 1758)

BASOMMATOPHORA

ELLOBIOIDEA

ELLOBIIDAE

PYTHIINAE

AURICULINELLA Tausch, 1886

Auriculinella erosa (Jeffreys, 1830)

OVATELLA Bivona Ant., 1832

Ovatella firminii (Payraudeau, 1826)

Ovatella myosotis (Draparnaud, 1801)

BIVALVIA

SOLEMYOIDA

SOLEMYOIDEA

SOLEMYIDAE

SOLEMYA Lamarck, 1818

Solemya togata (Poli, 1795)

NUCULOIDA

NUCULOIDEA

NUCULIDAE

NUCULA Lamarck, 1799

Nucula hanleyi Winckworth, 1931 (Z) (38)

Nucula nitidosa Winckworth, 1930

Nucula nucleus (Linnaeus, 1758)

Nucula sulcata Bronn, 1831

NUCULOMA Cossmann, 1907

Nuculoma cf. temuis (Montagu, 1808) (X)

NUCULANOIDEA

NUCULANIDAE

NUCULANINAE

NUCULANA Link, 1807

Nuculana pella (Linnaeus, 1767)

Nuculana commutata (Philippi, 1844)

LAMETILIDAE

PHASEOLUS Monterosato, 1875 ex Jeffreys ms.

Phaseolus pusillus (Jeffreys, 1879) (X)

Phaseolus tumidulus (Monterosato, 1881) (X)

YOLDIIDAE

YOLDIELLINAE

YOLDIELLA Verrill & Bush, 1897

Yoldiella messanensis (Jeffreys, 1870 ex Seguenza G., ms) (X)

Yoldiella philippiana (Nyst, 1845) (X)

ARCOIDA

ARCOIDEA

ARCIDAE

ARCINAE

ARCA Linnaeus, 1758

Arca noae Linnaeus, 1758

Arca tetragona Poli, 1795

BARBATIA Gray J.E., 1842

Barbatia barbata (Linnaeus, 1758)

Barbatia clathrata (Defrance, 1816)

ANADARINAE

ANADARA Gray J.E., 1847

Anadara diluvii (Lamarck, 1805)

BATHYARCA Kobelt, 1891

Bathyarca grenophia (Risso, 1824) (X)

Bathyarca philippiana (Nyst, 1848) (X)

NOETIDAE

STRIARCINAE

STRIARCA Conrad, 1862

Striarca lactea (Linnaeus, 1758)

LIMOPSOIDEA

GLYCYMERIDIDAE

GLYCYMERIDINAE

GLYCYMERIS Da Costa, 1778

Glycymeris bimaculata (Poli, 1795)

Glycymeris glycymeris (Linnaeus, 1758)

Glycymeris insubrica (Brocchi, 1814)

MYTILOIDA

MYTILOIDEA

MYTILIDAE

MYTILINAE

MYTILUS Rafinesque, 1815

Mytilus galloprovincialis Lamarck, 1819

BRACHIDONTES Swainson, 1840

Brachidontes pharaonis (Fischer P., 1870)

MYTILASTER Monterosato, 1883

Mytilaster lineatus (Gmelin, 1791)

Mytilaster minimus (Poli, 1795)

PERNA Philippson, 1788

Perna picta (Von Born, 1778)

CRENELLINAE

CRENELLA Brown, 1827

Crenella arenaria Monterosato, 1875 ex Martin H. ms. (X)

Crenella pellucida (Jeffreys, 1850) (X)

GREGARIELLA Monterosato, 1883

Gregariella petagnae (Scacchi, 1832) (Z) (39)

Gregariella subclavata (Libassi, 1859) (X)

MODIOLARCA Gray J.E., 1842

Modiolarca subpicta (Cantraine, 1835)

MUSCULUS Roeding, 1798

Musculus costulatus (Risso, 1826)

RHOMBOIDELLA Monterosato, 1884

Rhomboidella prideaux (Leach, 1815) (X)

LITHOPHAGINAE

LITHOPHAGA Roeding, 1798

Lithophaga lithophaga (Linnaeus, 1758)

MYOFORCEPS Fischer P., 1886

Myoforceps aristata (Dillwyn, 1817 ex Solander ms.)

MODIOLINAE

MODIOLUS Lamarck, 1799

Modiolus barbatus (Linnaeus, 1758)

Modiolus adriaticus (Lamarck, 1819)

AMYGDALUM Von Muehlfeldt, 1811

Amygdalum agglutinans (Cantraine, 1835) (Z) (40)

DACRYDIUM Torell, 1859

Dacrydium hyalinum Monterosato, 1875 (X)

MODIOLULA Sacco in Bellardi & Sacco, 1898

Modiolula phaseolina (Philippi, 1844) (X)

PINNOIDEA

PINNIDAE

PINNA Linnaeus, 1758

Pinna nobilis Linnaeus, 1758

Pinna rudis Linnaeus, 1758

ATRINA Gray J.E., 1842

Atrina pectinata (Linnaeus, 1767)

PTERIOIDA

PTERIODEA

PTERIIDAE

PTERIA Scopoli, 1777

Pteria hirundo (Linnaeus, 1758)

PINCTADA Roeding, 1798

Pinctada radiata (Leach, 1814)

PECTINOIDEA

PECTINIDAE

PECTININAE

PECTEN Mueller O.F., 1776

Pecten jacobus (Linnaeus, 1758)

AEQUIPECTEN Fischer P., 1886

Aequipecten opercularis (Linnaeus, 1758)

Aequipecten commutatus (Monterosato, 1875)

AMUSINAE

PROPEAMUSSIUM De Gregorio, 1884

Propeamussium fenestratum (Forbes, 1844) (X)

CAMPTONECTINAE

PSEUDAMUSSIUM Moersch, 1853

Pseudamussium clavatum (Poli, 1795)

HYALOPECTEN Verrill, 1897

Hyalopecten similis (Laskey, 1811)

LISSOPECTEN Verrill, 1897

Lissopecten hyalinus (Poli, 1795)

PALLIOLUM Monterosato, 1884

Palliolum incomparabile (Risso, 1826)

CHLAMYDINAE

CHLAMYIS Roeding, 1798

Chlamys multistriata (Poli, 1795)

Chlamys varia (Linnaeus, 1758)

Chlamys flexuosa (Poli, 1795)

Chlamys bruei (Payraudeau, 1826) (Z) (41)

Chlamys pesfelis (Linnaeus, 1758)

Chlamys glabra (Linnaeus, 1758)

SPONDYLIDAE

SPONDYLUS Linnaeus, 1758

Spondylus gaederopus Linnaeus, 1758

Spondylus gussonii Costa O.G., 1829 (X)

ANOMIOIDEA

ANOMIIDAE

ANOMIA Linnaeus, 1758

Anomia ephippium Linnaeus, 1758

PODODESMUS Philippi, 1837

Pododesmus patelliformis (Linnaeus, 1761)

LIMOIDEA

LIMIDAE

LIMA Bruguiere, 1797

Lima lima (Linnaeus, 1758)

Lima tuberculata (Olivi, 1792)

Lima hians (Gmelin, 1791)

LIMATULA Wood S., 1839

Limatula gwyni (Sykes, 1903) (X)

Limatula subauriculata (Montagu, 1808)

Limatula subovata (Jeffreys, 1876) (X)

LIMEA Bronn, 1831

Limea loscombi (Sowerby G.B.I, 1823) (X)

NOTOLIMEA Iredale, 1924

Notolimea crassa (Forbes, 1844) (X)

OSTREOIDA

OSTREOIDEA

OSTREIDAE

OSTREINAE

OSTREA Linnaeus, 1758

Ostrea edulis Linnaeus, 1758

CRASSOSTREINAE

CRASSOSTREA Sacco, 1897

Crassostrea gigas (Thunberg, 1793) (Y)

OSTREOLA Monterosato, 1884

Ostreola stentina (Payraudeau, 1826)

GRYPHAEIDAE

PYCNODONTEINAE

NEOPYCNODONTE Stenzel, 1971

Neopycnodonte cochlear (Poli, 1795)

VENEROIDA

LUCINOIDEA

LUCINIDAE

LUCININAE

CTENA Moerch, 1860

Ctena decussata (Costa O.G., 1829)

LORIPES Poli, 1791

Loripes lacteus (Linnaeus, 1758)

DIVARICELLINAE

LUCINELLA Monterosato, 1883

Lucinella divaricata (Linnaeus, 1758)

MILTHINAE

ANODONTIA Link, 1807

Anodontia fragilis (Philippi, 1836)

MYRTEINAE

MYRTEA Turton, 1822

Myrtea spinifera (Montagu, 1803)

THYASIRIDAE

THYASIRA Lamarck, 1818 ex Leach ms.

Thyasira flexuosa (Montagu, 1803) (X)

Thyasira succisa (Jeffreys, 1876) (X)

AXINOPSIDINAE

AXINULUS Verrill & Bush, 1898

Aximulus croulinensis (Jeffreys, 1847) (X)

LEPTAXINUS Verrill & Bush, 1898

Leptaxinus ferruginosus (Forbes, 1844) (X)

Leptaxinus incrassatus (Jeffreys, 1876) (X)

Leptaxinus subovatus (Jeffreys, 1881) (X)

UNGULINIDAE

DIPLODONTA Bronn, 1831

Diplodonta apicalis Philippi, 1836

Diplodonta brocchi (Deshayes, 1852) (X)

Diplodonta rotundata (Montagu, 1803) (Z) (42)

CHAMOIDEA

CHAMIDAE

CHAMA Linnaeus, 1758

Chama gryphoides Linnaeus, 1758

PSEUDOCHAMA Odhner, 1917

Pseudochama gryphina (Lamarck, 1819)

GALEOMMATOIDEA

GALEOMMATIDAE

GALEOMMA Turton, 1825

Galeomma turtoni Turton, 1825

Galeomma politum Deshayes, 1855 (Z) (43)

KELLIIDAE

KELLIINAE

KELLIA Turton, 1822

Kellia suborbicularis (Montagu, 1803)

BORNIINAE

BORNIA Philippi, 1836

Bornia geoffroyi (Payraudeau, 1826)

Bornia sebetia (Costa O.G., 1829)

LASAEIDAE

LASAEINAE

LASAEA Brown, 1827 ex Leach ms.

Lasaea rubra (Montagu, 1803)

ERYCININAE

HEMILEPTON Cossmann & Peyrot, 1911

Hemilepton nitidum (Turton, 1822) (X)

SCACCHIA Philippi, 1844

Scacchia oblonga (Philippi, 1836) (X)

LEPTONIDAE

LEPTON Turton, 1822

Lepton squamosum (Montagu, 1803) (X)

MONTACUTIDAE

MONTACUTINAE

MONTACUTA Turton, 1822

Montacuta substriata (Montagu, 1808)

TELLIMYA Brown, 1827

Tellimya ferruginosa (Montagu, 1808) (X)

Tellimya phascolionis (Dautzenberg & H. Fischer, 1925) (X)

MYSELLINAE

MYSELLA Angas, 1877

Mysella bidentata (Montagu, 1803) (X)

Mysella sp. (X)

CYAMIOIDEA

NEOLEPTONIDAE

NEOLEPTON Monterosato, 1875

Neolepton sulcatulum (Jeffreys, 1859) (X)

SPORTELLIDAE

SPORTELLA Deshayes, 1858

Sportella recondita (Fischer P., 1872) (X)

TURTONIIDAE

TURTONIA Alder, 1848

Turtonia minuta (Fabricius, 1789) (X)

CARDITOIDEA

CARDITIDAE

CARDITINAE

CARDITA Bruguiere, 1792

Cardita calyculata (Linnaeus, 1758)

CARDITAMERINAE

GLANS Von Muehlfeldt, 1811

Glans trapezia (Linnaeus, 1767)

Glans elegans (Requien, 1848)

MIODOMERIDINAE

PTEROMERIS Conrad, 1862

Pteromeris minuta (Scacchi, 1836)

VENERICARDIINAE

VENERICARDIA Lamarck, 1801

Venericardia antiquata (Linnaeus, 1758)

ASTARTOIDEA

ASTARTIDAE

ASTARTINAE

ASTARTE Sowerby J., 1816

Astarte fusca (Poli, 1795)

DIGITARIA Wood S., 1853

Digitaria digitaria (Linnaeus, 1758)

GONILIA Stoliczka, 1871

Gonilia calliglypta (Dall, 1903) (X)

GOODALLIA Turton, 1822

Goodallia macandrewi (Smith, 1881) (X)

Goodallia pusilla (Forbes, 1844)

Goodallia triangularis (Montagu, 1803) (X)

CARDIOIDEA

CARDIIDAE

CARDIINAE

ACANTHOCARDIA Gray J.E., 1851

Acanthocardia aculeata (Linnaeus, 1758)

Acanthocardia deshayesii (Payraudeau, 1826) (Z) (44)

Acanthocardia echinata (Linnaeus, 1758)
Acanthocardia paucicostata (Sowerby G.B.II, 1841)
Acanthocardia spinosa (Solander, 1786)
Acanthocardia tuberculata (Linnaeus, 1758)

PARVICARDIUM Monterosato, 1884

Parvicardium exiguum (Gmelin, 1791) (Z) (45)
Parvicardium minimum (Philippi, 1836)
Parvicardium scriptum (B.D.D., 1892) (X)
Parvicardium siculum (Sowerby G.B.II, 1840) (X)

PLAGIOCARDIUM Cossmann, 1887

Plagiocardium papillosum (Poli, 1795)

LAEVICARDIINAE

LAEVICARDIUM Swainson, 1840

Laevicardium crassum (Gmelin, 1791)
Laevicardium oblongum (Gmelin, 1791)

CERASTODERMA Poli, 1795

Cerastoderma edule (Linnaeus, 1758) (Z) (46)
Cerastoderma glaucum (Poiret, 1789)

MACTROIDEA

MACTRIDAE

MACTRINAE

MACTRA Linnaeus, 1767

Mactra glauca Von Born, 1778
Mactra stultorum (Linnaeus, 1758)

SPISULA Gray J.E., 1837

Spisula subtruncata (Da Costa, 1778)

LUTRARIINAE

LUTRARIA Lamarck, 1799

Lutraria lutraria (Linnaeus, 1758) (Z) (47)

MESODESMATIDAE

MESODESMATINAE

ATACTODEA Dall, 1895

Atactodea striata (Gmelin, 1791) (Y)

DONACILLA Philippi, 1836

Donacilla cornea (Poli, 1795)

DAVILINAE

MONTEROSATUS Beu, 1971

Monterosatus primus (Locard, 1899) (X)

ERVILIINAE

ERVILIA Turton, 1822

Ervilia castanea (Montagu, 1803) (X)

SOLENOIDEA

SOLENIDAE SOLENINAE

SOLEN Linnaeus, 1758

Solen marginatus Pulteney, 1799

PHARELLIDAE

PHAXAS Leach, 1852

Phaxas adriaticus (Coen, 1933) (X)

TELLINOIDEA

TELLINIDAE

TELLININAE

TELLINA Linnaeus, 1758

Tellina balaustina Linnaeus, 1758

Tellina crassa Pennant, 1777 (Z) (48)

Tellina incarnata Linnaeus, 1758

Tellina donacina Linnaeus, 1758

Tellina pygmaea Loven, 1846 (X)

Tellina planata Linnaeus, 1758

Tellina nitida Poli, 1791
Tellina serrata Brocchi, 1814
Tellina distorta Poli, 1791
Tellina pulchella Lamarck, 1818 (Z) (49)
Tellina exigua Poli, 1791 (Z) (50)

MACOMINAE

GASTRANA Schumacher, 1817

Gastrana fragilis (Linnaeus, 1758)

DONACIDAE

DONAX Linnaeus, 1758

Donax semistriatus Poli, 1795
Donax venustus Poli, 1795
Donax variegatus Gmelin, 1791
Donax trunculus Linnaeus, 1758

PSAMMOBIIDAE

PSAMMOBIINAE

PSAMMOBIA Lamarck, 1818

Psammobia fervensis (Gmelin, 1791)
Psammobia depressa (Pennant, 1777)
Psammobia costulata Turton, 1822

SEMELIDAE

ABRA Lamarck, 1818

Abra prismatica (Montagu, 1808) (X)
Abra segmentum (Recluz, 1843)
Abra alba (Wood W., 1802)
Abra longicallus (Scacchi, 1834) (X)

SOLECURTIDAE

SOLECURTINAE

SOLECURTUS Blainville, 1824

Solecurtus scopula (Turton, 1822)
Solecurtus strigilatus (Linnaeus, 1758)

AZORINUS Recluz, 1869

Azorinus chamasolen (Da Costa, 1778)

PHARUS Gray J.E., 1840

Pharus legumen (Linnaeus, 1758) (Z) (51)

ARCTICOIDEA

KELLIELLIDAE

KELLIELLA Sars M., 1870

Kelliella abyssicola (Forbes, 1844) (X)

TRAPEZIIDAE

CORALLIOPHAGA Blainville, 1824

Coralliophaga lithophagella (Lamarck, 1819)

GLOSSOIDEA

GLOSSIDAE

GLOSSUS Poli, 1795

Glossus humanus (Linnaeus, 1758)

VENEROIDEA

VENERIDAE

VENERINAE

VENUS Linnaeus, 1758

Venus verrucosa Linnaeus, 1758

Venus nux Gmelin, 1791 (X)

GLOBIVENUS Coen, 1934

Globivenus effossa (Philippi, 1836 ex Bivona ms.) (X)

CHIONINAE

CHAMELEA Moerch, 1853

Chamelea gallina (Linnaeus, 1758)

CLAUSINELLA Gray J.E., 1851

- Clausinella brogniartii* (Payraudeau, 1826) (X)
Clausinella fasciata (Da Costa, 1778) (Z) (52)

TIMOCLEA Brown, 1827

- Timoclea ovata* (Pennant, 1777)

CIRCINAE

GOULDIA Adams C.B., 1847

- Gouldia minima* (Montagu, 1803)

DOSINIINAE

DOSINIA Scopoli, 1777

- Dosinia lupinus* (Linnaeus, 1758)
Dosinia exoleta (Linnaeus, 1758)

PITARINAE

PITAR Roemer, 1857

- Pitar rudis* (Poli, 1795)

CALLISTA Poli, 1791

- Callista chione* (Linnaeus, 1758)

TAPETINAE

TAPES Von Muehlfeldt, 1811

- Tapes decussatus* (Linnaeus, 1758)

IRUS Schmidt F.C., 1818

- Irus irus* (Linnaeus, 1758)

PAPHIA Roeding, 1798

- Paphia aurea* (Gmelin, 1791)
Paphia lucens Locard, 1886

VENERUPIS Lamarck, 1818

- Venerupis senegalensis* (Gmelin, 1791)

PETRICOLIDAE

PETRICOLA Lamarck, 1801

Petricola lithophaga (Retzius, 1786)

Petricola lajonkairii (Payraudeau, 1826)

MYSIA Lamarck, 1818 ex Leach ms.

Mysia undata (Pennant, 1777)

MYOIDA

MYOIDEA

MYIDAE

SPHENIA Turton, 1822

Sphenia binghami Turton, 1822 (X)

CORBULIDAE

CORBULINAE

CORBULA Bruguiere, 1797

Corbula gibba (Olivi, 1792)

LENTIDIINAE

LENTIDIUM De Cristofori & Jan, 1832

Lentidium mediterraneum (Costa O.G., 1839)

GASTROCHAENOIDEA

GASTROCHAENIDAE

GASTROCHAENA Spengler, 1783

Gastrochaena dubia (Pennant, 1777)

HIATELLOIDEA

HIATELLIDAE

HIATELLA Bosc, 1801 ex Daudin ms.

Hiatella arctica (Linnaeus, 1767)

PANOPEA Menard de la Groye, 1807

Panopea glycimeris (Von Born, 1778) (Z) (53)

SAXICAVELLA Fischer P., 1878

Saxicavella jeffreysi Winckworth, 1930

PHOLADINA

PHOLADOIDEA

PHOLADIDAE

PHOLADINAE

PHOLAS Linnaeus, 1758

Pholas dactylus Linnaeus, 1758

MARTESIINAE

PHOLADIDEA Turton, 1819

Pholadidea loscombiana Goodall in Turton, 1819 (X)

TEREDINIDAE

TEREDININAE

TEREDO Linnaeus, 1758

Teredo navalis Linnaeus, 1758 (X)

Teredo utriculus Gmelin, 1791

LYRODUS Binney, 1870 ex Gould ms.

Lyrodus pedicellatus (Quatrefages, 1849) (X)

PSILOTEREDO Bartsch, 1922

Psiloteredo megotara (Hanley in Forbes & Hanley, 1848) (X)

TEREDORA Bartsch, 1921

Teredora malleolus (Turton, 1822) (X)

BANKIINAE

BANKIA Gray J.E., 1840

Bankia carinata (Gray J.E., 1827)

Bankia bipennata (Turton, 1819) (X)

NOTOTEREDO Bartsch, 1923

Nototeredo norvegica (Spengler, 1792) (X)

XYLOPHAGIDAE

XYLOPHAGA Turton, 1822

Xylophaga dorsalis (Turton, 1819) (X)

PHOLADOMYOIDA

PHOLADOMYOIDEA

PHOLADOMYIDAE

PHOLADOMYA Sowerby G.B.I., 1823

Pholadomya loveni Jeffreys, 1882 (X)

THRACIOIDEA

THRACIIDAE

THRACIA Leach in Blainville, 1824

Thracia papyracea (Poli, 1791)

Thracia pubescens (Pulteney, 1799) (X)

Thracia distorta (Montagu, 1803) (X)

CLAVAGELLOIDEA

CLAVAGELLIDAE

CLAVAGELLA Blainville, 1817

Clavagella balanorum Scacchi, 1841

Clavagella melitensis Broderip, 1835 (Z) (54)

Clavagella aperta Sowerby G.B.I., 1823

PANDOROIDEA

PANDORIDAE

PANDORA Bruguiere, 1797

Pandora inaequalis (Linnaeus, 1758) (Z) (55)

Pandora pinna (Montagu, 1803)

LYONSIIDAE

LYONSIA Turton, 1822

Lyonsia norwegica (Gmelin, 1791)

POROMYOIDEA

POROMYIDAE

POROMYA Forbes, 1844

Poromya granulata (Nyst & Westendorp, 1839) (X)

VERTICORDIOIDEA

VERTICORDIIDAE

HALIRIS Dall, 1886

Haliris berenicensis (Sturany, 1896) (X)

LAEVICORDIA Seguenza G., 1876

Laevicordia gemma (Verrill, 1880) (X)

CUSPIDARIOIDEA

CUSPIDARIIDAE

CUSPIDARIA Nardo, 1840

Cuspidaria cuspidata (Olivi, 1792)

Cuspidata rostrata (Spengler, 1793) (X)

Cuspidaria abbreviata (Forbes, 1843) (X)

CARDIOMYA Adams A., 1864

Cardiomya costellata (Deshayes, 1835)

SCAPHOPODA

DENTALIIDAE

DENTALIUM Linnaeus, 1758

Dentalium dentalis Linnaeus, 1758

Dentalium inaequicostatum Dautzenberg, 1891 (X)

Dentalium panormum Chenu, 1842 (X)

Dentalium vulgare Da Costa, 1778

FUSTIARIA Stoliczka, 1868

Fustiaria filum (Sowerby G.B.II, 1860) (X)

Fustiaria rubescens (Deshayes, 1826)

SIPHANODENTALIIDAE

CADULUS Philippi, 1844

Cadulus politus (Wood S., 1842) (X)

Cadulus jeffreysi (Monterosato, 1875) (X)

ENTALINA Monterosato, 1872

Entalina tetragona (Brocchi, 1814) (X)

PULSELLUM Stoliczka, 1868

Pulsellum lofotense (Sars M., 1865) (X)

CEPHALOPODA

SEPIOIDEA

SEPIIDAE

SEPIA Linnaeus, 1758

Sepia elegans Blainville, 1827 (X)

Sepia officinalis Linnaeus, 1758

SEPIOLIDAE

SEPIOLINAE

SEPIOLA Leach, 1817

Sepiola rondeletii Leach, 1817

SPIRULIDAE

SPIRULA Lamarck, 1799

Spirula spirula (Linnaeus, 1758) (Y)

TEUTHOIDEA

LOLIGINIDAE

LOLIGO Lamarck, 1798

Loligo vulgaris Lamarck, 1798

OMMASTREPHIDAE

ILLICINAE

ILLEX Steenstrup, 1880

Illex coindetii (Verany, 1839)

TODARODINAE

TODARODES Steenstrup, 1880

Todarodes sagittatus (Lamarck, 1798)

OCTOPODA

OCTOPODIDAE

OCTOPODINAE

OCTOPUS Cuvier, 1798

Octopus vulgaris Cuvier, 1798

Octopus macropus Risso, 1826

ELEDONINAE

ELEDONE Leach, 1817

Eledone moschata (Lamarck, 1798)

ARGONAUTIDAE

ARGONAUTA Linnaeus, 1758

Argonauta argo Linnaeus, 1758

OCYTHOIDAE

OCYTHOE Rafinesque, 1814

Ocythoe tuberculata Rafinesque, 1814

APPENDIX

- (1). Only recorded by Thake & Schembri (1978:41) as common at Salina Bay and St. Paul's Bay under stones from 2 - 4 metres.
- (2). Only recorded by Thake & Schembri (1978:41) in seven specimens from 3 metres on various substrates.
- (3). Van Belle (1985) cites a number of valves dredged near Malta. Actually dredged between Capo Passero and Malta. (Palazzi in litt.)
- (4). Aradas & Benoit (1870:118) lists this species from Sicily "and all surrounding islands.:
- (5). Mentioned by Poppe & Goto (1991:72)
- (6). Caruana-Gatto & Despott (1919:17) list this species as " not frequent living with *G.adamsoni* (Payr.), found especially at Marsaxlokk and St. Thomas Bay". Later also erroneously recorded by Cachia (1975:81) from Marsaxlokk.
- (7). Indicated for Malta by Monterosato (1878:81)
- (8). Taken in two live specimens by Schembri (1976) in 3 metres at Mistra Bay. Most probably an accidental introduction; not met with since then.
- (9). Mentioned by Monterosato (1884:50)
- (10). Recorded only by Richards (1983:224)
- (11). Listed as rare for Malta by Aradas & Benoit (1870:196)
- (12). Recorded only by Caruana-Gatto & Despott (1919:18) in few imperfect specimens.
- (13). Several past records. We have never met typical specimens. However 3 specimens from Salina Bay identified as *Hydrobia strongylostoma* Brusina, 1866 might be this species though we are inclined to a different view.
- (14). Recorded in few dead examples by Caruana-Gatto & Despott (1919:19)
- (15). Only mentioned as rare by Mamo (1867:53) with a var. *rosacarnea*
- (16). Recorded by Mamo (1867:36) as "very rare attached to *Millepora truncata* under the name *Thyreus paradoxus* Phil.
- (17). Three examples were found at Marsaxlokk and one at St. Julian's Bay by Caruana-Gatto & Despott (1919:27)
- (18). Only recorded by Micallef & Evans (1968:14)
- (18a). Monterosato (1884:104) says that Spratt (fide Jeffreys) had collected this species off Malta. Spratt's findings were from a station E. of Malta, in 310 fathoms and therefore outside Maltese territorial waters.
- (19). We feel that the interpretation of this taxon by past authors is unreliable.
- (19a). According to Warren (pers.com.) the authorship of this species should be as stated here.
- (20). Only recorded by Mamo (1867:49) as *Fusus craticulatus* Brocchi.
- (21). Mamo (1867:52) recorded *Buccinum scacchianum* Phil.; possibly a reference to *Pollia scabra* Loc.
- (22). Recorded by Aradas & Benoit (1870:292) as "rare" and later by Caruana-Gatto & Despott (1919:24) from St. Thomas Bay, Marsaxlokk and Grand Harbour as "uncommon".
- (23). Only recorded by Mamo (1867:52) as *Buccinum*.

- (24). Mentioned by Biggs & Wilkinson (1966:64) from Comino Is. and from Marsaxlokk Bay. Possibly confused with *M.gervillii* (Payr.)
- (25). Mentioned as rare from the Laminarian zone by Monterosato (1884:137)
- (26). Recorded by Monterosato (1884:133)
- (27). MacAndrew (1850:297) recorded this taxon, doubtfully, from 2 examples off Malta, in 40 fathoms. Our own specimens are also doubtfully referable to this species.
- (28). Van Aartsen (1987:5) mentions a paratype from 180 metres (coll.Micali)
- (29). Caruana-Gatto & Despott (1919:27) recorded a *Philene punctata* (Clarke). This taxon is doubtfully assigned to the present species.
- (30). The only record is that of Biggs & Wilkinson (1966:61) from inside an amphora off Xlendi Bay, Gozo in 70 metres.
- (31). Recorded only by Micallef & Evans (1968:17)
- (32). Recorded by Mamo (1867:33) from Marsa. Mamo (op.cit.) also described *Aeolis capitata*, *Proctonotus delicatae*, *Doris elephantiaca* and *Doris marmorea* None of these taxa could be checked with other extant Mediterranean representatives.
- (33). Recorded by Micallef & Evans (1968:17) as *Glossodoris gracilis* (Rapp.)
- (34). Only mentioned by Mamo (1867:33) as rare.
- (35). Micallef & Evans (1968:17) recorded *Dendronotus arborescens* Muller, which taxon is synonymous with the present one (fide McMillan 1968:162)
- (36). Mentioned doubtfully by Mamo (1867:31) from St.Julian's Bay.
- (37). Mentioned doubtfully by Mamo (1867:31) from Salina Bay, on seaweed.
- (38). Recorded only in four and one-half specimens from Delimara Pt. by Wilkinson, Bevan & Balaam (1966:99)
- (39). Recorded first by Mamo (1867:24) as rare from Marsaxlokk and by Aradas & Benoit (1870:85). These last authors often followed Mamo's work.
- (40). Again recorded by Mamo (1867:24) as *Modiola vestita* Ph., as common. Mamo (op.cit) also described *M.zizyphina* which is considered synonymous. Aradas & Benoit (1870:86) also go on to say that this species "lives exclusively in the waters round Malta where it is not rare". Later Monterosato (1878:66) also quotes the record for our islands. Caruana-Gatto & Despott (1919:7) say that this species, once common had become rare.
- (41). First recorded by Mamo (1867:76) under *Pecten*. Later Jeffreys (1879:557) reported it from Malta 20 - 470 fathoms as *Pecten sulcatus* Muller. Caruana-Gatto & Despott (1919:6) gave it as rare.
- (42). Past authors (MacAndrew, Aradas & Benoit, Caruana-Gatto & Despott) mention this species which used to be allied with *Diplodonta brocchi* (Deshayes).
- (43). Mentioned for Malta by Parenzan (1974:178)
- (44). Only reference is by Aradas & Benoit (1870:73)
- (45). Recorded by Mamo (1867:21) as rare on *Ulva latissima*. Also by Wilkinson et alii (1966:99) in one dead specimen from Delimara. Later Cachia (1975:30) also recorded it from Salina Bay. All these records were probably erroneous and referred to the allied *Parvicardium siculum* (Sowerby II).

- (46). Probably all past records for this species from local waters referred to *Cerastoderma glaucum* (Poiret). We could not find any specimens referable to *C. edule*, whereas *C. glaucum* is often abundant.
- (47). Past records are by Mamo (1867:16) as *L. elliptica* Lam., as "very rare from the Grand Harbour"; and Jeffreys (1884:924).
- (48). Only mentioned by MacAndrew (1850:295) from one small valve.
- (49). Recorded by Mamo (1867:19); Caruana-Gatto & Despott (1919:12) as "rather frequent from the Grand harbour, Marsaxlokk and St. Julian's Bay"; and (erroneously) by Cachia (1975:30)
- (50). Mamo (1867:19) recorded this species as *T. tenuis* Maton & Rack as rare; Caruana-Gatto & Despott also found a few valves at Marsaxlokk and a dead example at Marsascalea.
- (51). Recorded by Mamo (1867:16) as *Solen legumen* L., and by Caruana-Gatto & Despott (1919:13) from a "very imperfect valve from Birzebbugia".
- (52). Several past authors recorded this taxon. Our own specimens belong to the allied *Clausinella brogniartii* (Payr.), formerly synonymized with *C. fasciata*.
- (53). Given by Weinkauff (1866:293) for Malta and Sicily.
- (54). Mamo (1867:15) recorded *Clavagella melitensis* Caillaud (12-50m.) from the Grand Harbour area. Also by Aradas & Benoit (1870:3) as common.
- (55). Recorded by Mamo (1867:17) as *Pandora flexuosa* Sowerby ?, as very rare. Also by Caruana-Gatto & Despott (1919:13) from "two perfect dead taken specimens" from the Grand Harbour.

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