

AN ANNOTATED CHECK-LIST OF MARINE MOLLUSCS OF THE NORWEGIAN COAST AND ADJACENT WATERS

TORE HØISÆTER

SARSIA



HØISÆTER, TORE 1986 07 30. An annotated check-list of marine molluscs of the Norwegian coast and adjacent waters. – *Sarsia* 71:73–145. Bergen. ISSN 0036–4827.

This check-list is a compilation of the marine molluscs recorded from Norway and the abyssal depths of the Norwegian Sea. Molluscs not recorded from the Norwegian fauna but found on the North Sea plateau, the British North Sea coast, the Swedish west coast, and in Danish waters are also included. Distributional data are provided for each species. Most commonly used synonyms are listed, together with type species for each accepted generic name. Systematical code numbers are included for easy retrieval of information. An alphabetical index of all generic names mentioned concludes the check-list. Recent taxonomic alterations and all distributional records are documented by literature references.

Tore Høisæter, Institute of Marine Biology, University of Bergen, N-5065 Blomsterdalen, Norway.

INTRODUCTION

This check-list is a compilation of the marine (including brackish-water) molluscs recorded from Norwegian and adjacent waters. Geographically, it is limited to Norwegian continental waters, the abyssal depths of the Norwegian Sea, the North Sea plateau, the British North Sea coast, the Swedish west coast, and Danish waters. To the north, species found in the fairly shallow-water areas of the Barents Sea are included, but not species exclusively recorded from more arctic waters (e.g. Jan Mayen and Spitsbergen).

The compilation was undertaken in order to satisfy the following objectives. To provide:

- 1 – An up-to-date systematical survey of marine molluscs, relevant to our Norwegian fauna.
- 2 – A systematically arranged catalogue of correctly spelled latin names to be used for the included species, as recommended in the latest authoritative revision of each group.
- 3 – Type-species (with type-locality) of the currently accepted genera, so that the validity of the names more properly may be assessed.
- 4 – A system of code-numbers for systematical groups down to family level, to facilitate reference and searching.
- 5 – Distributional data for each species, with code for distributional 'category'.
- 6 – Literature references for most recent alterations of taxonomic or nomenclatural nature, and for all included distributional data.

The only previous attempt to prepare a comprehensive check-list for the marine molluscs found in Norwegian waters is included in the seminal work of G.O. Sars from 1878. Later generations of Norwegian zoologists have either been compelled to base their work on this, still indispensable list, or to adapt check-lists made for other geographic regions (Winckworth's list (1932; 1951) for the British area, has proved particularly popular), or faunas made for larger areas (like the various volumes in 'Tierwelt der Nord- und Ost-see'). Both alternatives are unsatisfactory, because of the insufficient coverage and an outdated nomenclature. The present compilation is a first attempt, for the Norwegian malacological fauna, to take into account the faunistic work and taxonomic revisions undertaken in the more than 100 years since the work of G.O. Sars. A particular endeavor has been made to coordinate the present list with the one of Sars, with all names used by him listed as synonyms.

One of the main objectives of this check-list has been to prepare a comparatively up-to-date and noncontroversial catalogue of latin names, to contribute to a uniform name-use by ecologists and other nonspecialists. The Mollusca have been loaded down with more than its share of synonyms, with scores of dubious names buried in the older literature. From time to time some of these names are reinstated by authors concerned that the principle of priority should be strictly applied. Such initiatives are but rarely appreciated by the majority of the malacological research community, and occasionally attempts are made to stabilise the nomenclature

within certain groups, through proposals placed before the International Commission of Zoological Nomenclature (ICZN). Acceptance of such proposals is a slow process, however, and chances are slim for a final stabilisation of the nomenclature through this channel, within a reasonable period of time. It is hoped that a check-list of the present scope may accelerate the process, by highlighting the remaining problems, and collecting most of the information concerning this particular geographical area, in one place. For this reason, both author and year of introduction, together with type species of all the genera adopted, are listed. Thus, any large genus with a type species from the Indo West-Pacific may justifiably be suspected of being too broad for its own good. The same may be said for genera with ancient fossils as type species. Accordingly, an attempt has also been made to list the relevant names conserved (or suppressed) by a decision under the plenary powers of the ICZN. A particular attempt has been made to verify that the spelling adopted corresponds to the original spelling, whenever different versions have been encountered. According to the latest revision of the International Code of Zoological Nomenclature (RIDE & al. 1985), species-group names formed from modern personal names should no longer be corrected if originally spelled with a double 'i' (Article 31a and 32 of the Code), and as far as possible I have tried to restore the original spelling of these names.

In later decades there has been a trend towards global taxonomic revisions. This necessitates the consideration of a much larger pool of generic names whenever the proper name for a genus-group has to be settled. Thus, inevitably, many names traditionally used in a certain region, will have to be replaced by more unfamiliar ones, even though the 'old' ones are nomenclaturally acceptable. Thus a number of names used in the present compilation may seem rather exotic to workers familiar only with the boreal, north-European fauna.

Unfortunately, no absolute consensus exists among different taxonomists working on the same group. When several opinions have been voiced, I have as a rule cited the most recent, published work. In a few cases this source, or other recent information, may indicate that this opinion will probably not be standing unopposed for long. In these cases I have tried to warn the reader that the chosen option is not unanimously accepted. A case in point is the introduction of the name *Roya* (by BERTSCH 1980) for *Tylodinella duebenii* (see p. 104). This generic name has more recently been placed in the synonymy of the siphonariid, *Williamia*, from the western Pacific (MARSHALL 1981), but as no other name has

been proposed for the species formerly known as *Tylodinella duebenii*, and the matter is far from settled, I found it wise to keep the name *Roya* for the time being. Other examples of a related nature, are the systematic relationship of *Anekes* (see p. 84), and the controversial proposal to place *Altenaeum* in the family Condylacardiidae (see p. 121). Some larger groups are notoriously hard to split up into phylogenetically homogeneous subgroups, and no two authorities seem able to agree on a common subdivision. Thus the superfamily Galeommatacea has been the subject of much heated controversy over the years, and a final settlement appears elusive. Like BOSS (1982), I follow PONDER's (1971) arrangement, although more recent, unpublished work might indicate that another way of arranging the families might be more appropriate. The apparent consensus and stability occasionally observed, more often than not reflect only that the group in question has not been revised in a long time, or that the group for long has been the exclusive domain of a single specialist. Examples of the latter kind are some of the smaller classes, like the Caudofoveata, the Solenogastres and the Scaphopoda. Other groups have experienced an explosion of interest recently after having lied taxonomically dormant for decades. An example is the Nudibranchia, where abundant new material of living specimens have resulted in a reappraisal of older opinions as to the scope of the various species and higher groups. For the Nudibranchia, this has led to a marked reduction in the number of genera and families, while the number of species have been somewhat increased. Further examples are the Rissoacea, where several generic revisions have appeared in the last 20 years (in this work I follow PONDER 1983 to 1985); and the 'Heterogastropod' groups, for which, however, no consensus has been reached so far, and radical alterations of the traditionally accepted relationships may be expected in the near future. In other groups, long-familiar friends have been split into a number of sibling species (like in the genus, *Littorina*). A number of groups are still basically in the same situation as at the end of the last century, however, with scores of remaining unresolved taxonomic problems.

The present compilation is an expansion of part of a computerised list of marine organisms (mainly confined to generic names so far) found in Norwegian waters. The five-digit systematical code is thus part of a more comprehensive system. In the present context the code has been consistently confined to the following levels: First digit, Phylum; second digit, Class; third digit, Order; fourth digit, Superfamily; and fifth digit, Family. A single exception has

been made, as the two major subclasses of the gastropods are so diverse that the second digit in this case was reserved for subclasses. No code numbers have been employed for genera and species. For particularly large and unwieldy groups, intermediate categories, like subfamily and/or subgenera, have been employed. However, no claim is made to consistency in this area.

The systematical arrangement adopted has been influenced by the phylogenetic views of SALVINI-PLAWEN (1980), and further follows BOSS 1982 almost to the point. An exception is the adoption of FRETTER & GRAHAM's (1976–1982) arrangement for the Prosobranchia as far as it goes (the Neogastropoda not yet treated), which seems well reasoned. The by now fairly traditional placement of the pyramidelids at the base of the Opisthobranchia has also been retained. Finally, MORTON's (1981) subdivision of Anomalodesmata has been followed. A synopsis of the systematical arrangement adopted is presented, to assist the interpretation of the systematical code, and to more compactly present the system down to the level of family. In this synopsis, some intermediate categories at a higher level, like subphylum, superorder, suborder etc., are included. No systematical code numbers have been introduced for these categories, however. In the main list a systematical order has been followed down to the family level, while all lower taxa have been listed alphabetically within their next higher group. In line with common usage, author names and year of introduction are listed only for the species, genera and families.

The coastline of Norway is indeed long, and a simple statement that a species is present somewhere in the region is rather unsatisfactory for students working in a particular area. Information on the distribution of the marine molluscan species along our coasts is today scattered among scores of more or less obscure publications. The need for a collected presentation of these data should be obvious. The biogeographical importance of the long Norwegian coastline is furthermore practically unparalleled in Europe, and the many specialists working on the colonisation history of our European marine fauna have often felt this lack of an integrated work as a serious impediment.

The distributional data are included to answer to these needs. To facilitate subdivision into biogeographical categories, a number of standard abbreviations have been placed before the specific entry:

C) – Along whole coastline, from Oslofjord to East Finnmark.

- S) – Southern distribution, from Oslofjord northwards.
- N) – Northern distribution, from Russian border southwards.
- W) – Western distribution, with both a southern and a northern limit along the coast.
- T) – Known distribution limited to Trondheimsfjord.

In addition to these distributional categories, a number of extra-limital records have been included, provided these are contiguous with the Norwegian areas covered, or the species may be expected to turn up in Norwegian waters. These have been marked with an asterisk, and yet another set of standard abbreviations:

- *Ar) – Arctic distribution, found in the Barents Sea.
- *Ab) – Abyssal distribution, found on the lower continental slope and in the deep basin of the Norwegian Sea.
- *No) – Found in the North Sea, primarily in the central and northern part, and along the Scottish North Sea Coast.
- *Sw) – Found along the West coast of Sweden.
- *Da) – Found in Danish waters.

To avoid cluttering up the list with long rows of such abbreviations when the species are known from several of these extra-limital regions, only one, indicating the record closest to Norwegian shores has been used (e.g. *Sw, when the species is known from both Swedish and Danish waters). No attempts have been made to include information on the extra-regional distribution when reliable Norwegian records exist. The abbreviations are furthermore purely indicative of the Norwegian distribution of the species in question, and do not aspire to a biogeographical 'label' for the species. All distributional data are presented as uniformly as possible, with distributional limits given to the nearest half degree of northern latitude. Exceptions are mainly the species found only east of the North Cape (recorded as occurring in East Finnmark), species confined to southern shores east of Lindesnes (recorded as occurring on Southeastern coast), and records from some of the major fjords, like the Oslofjord and the Trondheimsfjord. In those cases when the discontinuity of a distribution seemed plausible, two or more stretches of the coast have been recorded, (e.g. as: Oslofj., and 60–64 degr.). Inevitably in a compilation of this scope, some species owe their inclusion to a misidentification, or to a find of empty shells of dubious age and/or

origin. An attempt has been made to clearly mark off these records by a query (?) in front of the record, followed by a short explanation for why the record is considered dubious.

I gratefully appreciate the permission to include some unpublished records of C.r. C. Clausen, Zool. Lab. Univ. of Bergen and C.r. Brage Rygg of Norwegian Institute of Water Research (NIVA). C.r. Per Bie Wikander of NIVA has contributed to the completion of the task by his unstinted enthusiasm and verbal support during critical stages in its inception. I have had at my disposal a compilation of literature data for bivalves found in the Bergen area, prepared by Dr. A. Warén of the University of Gothenburgh, and an unpublished list of North European bivalves compiled by Dr. T. Soot-Ryen, formerly of the University of Oslo. Also a similar, but more complete list compiled by Dr. K.W. Ockelmann of the Marine biological Lab. in Helsingör has been of some assistance. Some of the final touches to the compilation have been motivated by valuable comments offered by: C.m. K. Jensen and Dr. J. Knudsen in Copenhagen, Dr. K.W. Ockelmann in Helsingör, and C.r. J.A. Sneli in Trondheim. However, all the information has been sifted and weighed against alternative views, and the decision to accept a certain name or record is mine alone. Material permitting some distributional limits to be extended, has been collected during a series of cruises along the northern and western coast, from 1967 to 1972, partly financed by L. Meltzer's Høyskolefond.

It is my hope that this check-list may serve as a base-line from which future workers can expand the knowledge of Norwegian marine Mollusca, and an impetus for further studies into the taxonomy, evolution, biogeography and ecology of these interesting animals.

SYNOPSIS OF THE SYSTEMATICAL ARRANGEMENT

5	Phylum	MOLLUSCA	
-	Subphylum	SCUTOPODA	
50	Class	CAUDOFOVEATA	
500	Order	CHAETODERMATIDA	
50000	Family	Limifossoridae	79
50001	Family	Chaetodermatidae	79
-	Subphylum	ADENOPODA	
-	Superclass	HETEROTECTA	

51	Class	SOLENOGASTRES	
-	Superorder	APLOTEGMENTARIA	
510	Order	PHOLIDOSKEPIA	
51000	Family	Dondersiidae	79
51001	Family	Gymnomeniidae	79
511	Order	NEOMENIAMORPHA	
51100	Family	Neomeniidae	79
-	Superorder	PACHYTEGMENTARIA	
512	Order	CAVIBELONIA	
51200	Family	Amphimeniidae	79
51201	Family	Simrothiellidae	80
51202	Family	Strophomeniidae	80
51203	Family	Proneomeniidae	80
51204	Family	Drepanomeniidae	80
52	Class	POLYPLACOPHORA	
-	Subclass	NEOLORICATA	
520	Order	LEPIDOPLEURIDA	
52000	Family	Lepidopleuridae	80
52001	Family	Hanleyidae	80
521	Order	ISCHNOCHITONIDA	
52100	Family	Lepidochitonidae	80
52101	Family	Ischnochitonidae	81
52102	Family	Callochitonidae	81
522	Order	ACANTHOCHITONIDA	
52200	Family	Acanthochitonidae	81
-	Superclass	CONCHIFERA	
-	Class	GASTROPODA	
53	Subclass	PROSOBRANCHIA	
530	Order	ARCHAEOGASTROPODA	
5300	Superfamily	PLEUROTOMARIACEA	
53000	Family	Scissurellidae	81
5301	Superfamily	FISSURELLACEA	
53010	Family	Fissurellidae	81
5302	Superfamily	PATELLACEA	
53020	Family	Acmaeidae	82
53021	Family	Patellidae	82
53022	Family	Lepetidae	82
5303	Superfamily	COCCULINACEA	
53030	Family	Lepetellidae	83
5304	Superfamily	TROCHACEA	
53040	Family	Trochidae	83
53041	Family	Skeneidae	84
53042	Family	Turbinidae	84
531	Order	MESOGASTROPODA	
5310	Superfamily	LITTORINACEA	
53100	Family	Lacunidae	84
53101	Family	Littorinidae	85
5311	Superfamily	RISSEOACEA	
53110	Family	Hydrobiidae	85
53111	Family	Iravadiidae	85
53112	Family	Rissoidae	85
53113	Family	Barleeidae	87
53114	Family	Rissoellidae	87
53115	Family	Omalogyridae	87
53116	Family	Skeneopsidae	87
53117	Family	Tornidae	87
53118	Family	Trachysmatidae	88
53119	Family	Caccidae	88
5312	Superfamily	CERTITHIACEA	
53120	Family	Turritellidae	88
53121	Family	Cerithiidae	88

5313	Superfamily	STROMBACEA		54403	Family	Alderiidae	103
53130	Family	Aporrhaidae	88	545	Order	ANASPIDEA	
5314	Superfamily	HIPPONICACEA		5450	Superfamily	APLYSIACEA	
53140	Family	Trichotropidae	88	54500	Family	Aplysiidae	103
53141	Family	Capulidae	89	54501	Family	Akeridae	103
5315	Superfamily	CALYPTRAEACEA		546	Order	THECOSOMATA	
53150	Family	Calyptraeidae	89	5460	Superfamily	SPIRATELLACEA	
5316	Superfamily	LAMELLARIACEA		54600	Family	Spiratellidae	103
53160	Family	Lamellariidae	89	54601	Family	Cavoliniidae	103
53161	Family	Eratoidea	90	547	Order	GYMNOSOMATA	
5317	Superfamily	NATICACEA		54700	Family	Pneumodermatidae	103
53170	Family	Naticidae	90	54701	Family	Clionidae	103
532	Order	HETEROGASTROPODA		548	Order	NOTASPIDEA	
5320	Superfamily	CERITHIOPSACEA		5480	Superfamily	UMBRACULACEA	
53200	Family	Cerithiopsidae	90	54800	Family	Tyloidiidae	104
53201	Family	Cerithiellidae	91	5481	Superfamily	PLEUROBRANCHACEA	
5321	Superfamily	TRIPHORACEA		54810	Family	Pleurobranchia	104
53210	Family	Triphoridae	91	549	Order	NUDIBRANCHIA	
5322	Superfamily	EPITONIACEA		-	Suborder	DORIDOIDEA	
53220	Family	Epitoniidae	91	5490	Superfamily	EUDORIDACEA	
53221	Family	Aclididae	91	54900	Family	Dorididae	104
5323	Superfamily	EULIMACEA		54901	Family	Archidorididae	104
53230	Family	Eulimidae	92	54902	Family	Chromodorididae	104
53231	Family	Entoconchidae	93	54903	Family	Aldisidae	104
533	Order	NEOGASTROPODA		54904	Family	Kentrodorididae	104
5330	Superfamily	MURICACEA		54905	Family	Discodorididae	105
53300	Family	Muricidae	93	54906	Family	Rostangidae	105
53301	Family	Columbellidae	93	5491	Superfamily	ANADORIDACEA	
53302	Family	Buccinidae	93	54910	Family	Goniodorididae	105
53303	Family	Nassariidae	95	54911	Family	Onchidorididae	106
53304	Family	Fasciolaridae	95	54912	Family	Aegiretidae	106
53305	Family	Vasidae	95	54913	Family	Polyceridae	106
53306	Family	Volutomitridae	96	-	Suborder	DENDRONOTOIDEA	
5331	Superfamily	CANCELLARIACEA		5492	Superfamily	DENDRONOTACEA	
53310	Family	Cancellariidae	96	54920	Family	Tritoniidae	107
5332	Superfamily	CONACEA		54921	Family	Lomanotidae	107
53320	Family	Turridae	96	54922	Family	Dendronotidae	107
				54923	Family	Scyllaeidae	107
				54924	Family	Dotidae	107
				-	Suborder	ARMINOIDEA	
54	Subclass	OPISTHOBRANCHIA		5493	Superfamily	EUARMINIACEA	
540	Order	PYRAMIDELLOMORPHA		54930	Family	Arminidae	108
5400	Superfamily	PYRAMIDELLACEA		5494	Superfamily	PACHYGNATHA	
54000	Family	Pyramidellidae	98	54940	Family	Zephyrinidae	108
541	Order	CÉPHALASPIDEA		5495	Superfamily	LEPTOGNATHA	
5410	Superfamily	ACTEONACEA		54950	Family	Goniaeolididae	108
54100	Family	Acteonidae	99	54951	Family	Heroidae	108
5411	Superfamily	DIAPHANACEA		-	Suborder	AEOLIDOIDEA	
54110	Family	Diaphanidae	100	5496	Superfamily	PLEUROPROCTA	
5412	Superfamily	BULLACEA		54960	Family	Flabellinidae	108
54120	Family	Atyidae	100	5497	Superfamily	ACLEIOPROCTA	
54121	Family	Retusidae	100	54970	Family	Eubrachidae	109
5413	Superfamily	PHILINACEA		54971	Family	Tergipedidae	109
54130	Family	Philinidae	101	54972	Family	Embletoniidae	110
54131	Family	Scaphandridae	101	54973	Family	Calmidae	110
542	Order	RUNCINOIDEA		5498	Superfamily	CLEIOPROCTA	
54200	Family	Runcinidae	102	54980	Family	Facelinidae	110
543	Order	ACOCHLIDIOIDEA		54981	Family	Favorinidae	110
5430	Superfamily	EUACOCHLIDIACEA		54982	Family	Aeolidiidae	111
54300	Family	Hedylopsidae	102				
54301	Family	Microhedyliidae	102				
5431	Superfamily	PHILINOGLOSSACEA		55	Subclass	PULMONATA	
54310	Family	Philinoglossidae	102	550	Order	ARCHAEOPULMONATA	
544	Order	SACOGLOSSA		5500	Superfamily	ELLOBIACEA	
5440	Superfamily	ELYSIACEA		55000	Family	Ellobiidae	111
54400	Family	Elysiidae	102	551	Order	SYSTELOMMATOPHORA	
54401	Family	Hermaeidae	102	5510	Suborder	RHODOPIDA	
54402	Family	Stiligeridae	102	55100	Family	Rhodopidae	111

- CAUDOFOVEATA (Cf. Salvini-Plawen 1975)
- 500 CHAETODERMATIDA
- 50000 LIMFOSSORIDAE Salvini-Plawen, 1968
- Scutopus* Salvini-Plawen, 1968
(Type: *Scutopus ventrolineatus* Salvini-Plawen; western Norway)
- S) *S. robustus* Salvini-Plawen, 1970 (N to 65 degr., Salvini-Plawen 1975)
- S) *S. ventrolineatus* Salvini-Plawen, 1968 (N to 70 degr., Salvini-Plawen 1975)
- 50001 CHAETODERMATIDAE Ihering, 1876
- Chaetoderma* Lovén, 1845
(Opinion 764 of ICZN; cf. also Salvini-Plawen 1975)
- (Type: *Chaetoderma nitidulum* Lovén; western Sweden)
- (= *Crystallophrisson* Möbius, 1875)
- N) *C. intermedium* Knipowitsch, 1896 (S to 69.5 degr., Salvini-Plawen 1975)
- C) *C. nitidulum* Lovén, 1845 (Whole coast, Salvini-Plawen 1975)
- Crystallophrisson* Möbius, 1875 (See *Chaetoderma*)
- Crystallophrisson* -2- (See *Falcidens*)
- Falcidens* Salvini-Plawen, 1968
(Type: *Falcidens crossotus* Salvini-Plawen; western Norway)
- S) *F. crossotus* Salvini-Plawen, 1968 (N to 68 degr., Salvini-Plawen 1975)
- S) *F. sagittiferus* Salvini-Plawen, 1968 (N to 68 degr., Salvini-Plawen 1975)
- S) *F. sterreri* (Salvini-Plawen, 1967) (N to 65 degr., Salvini-Plawen 1975)
- (= *Crystallophrisson sterreri* Salvini-Plawen)
- 51 SOLENOGASTRES (Cf. Salvini-Plawen 1978)
- 510 PHOLIDOSKEPIA
- 51000 DONDERSIIDAE Simroth, 1893
- Micromenia* Leloup, 1948
(Type: *Micromenia simplex* Leloup, 1948; Arctic)
- *Sw) *M. fodiens* (Schwabl, 1955) (Bohuslän, Muus 1959)
- (= *Rupertomenia fodiens* Schwabl, 1955)
- Nematomenia* Simroth, 1893
(Type: *Dondersia flavens* Pruvot, 1890; Mediterranean)
- T) *N. banyulensis* (Pruvot, 1890) (Inner Trondheimsfj., Odhner 1921)
- (= *N. banyulensis* var. *norvegica* Odhner, 1921)
- Rupertomenia* Schwabl, 1955 (See *Micromenia*)
- 51001 GYMNOHENIIDAE Odhner, 1921
- Genitoconia* Salvini-Plawen, 1967
(Type: *Genitoconia rosea* Salvini-Plawen; western Norway)
- W) *G. atriolonga* Salvini-Plawen, 1967 (60 degr., Salvini-Plawen 1968)
- W) *G. rosea* Salvini-Plawen, 1967 (60 degr., Salvini-Plawen 1968)
- Gymnomenia* Odhner, 1921
(Type: *Gymnomenia pellucida* Odhner; western Norway)
- W) *G. pellucida* Odhner, 1921 (Hardangerfj., Muus 1959)
- Wirenia* Odhner, 1921
(Type: *Wirenia argentea* Odhner; western Norway)
- W) *W. argentea* Odhner, 1921 (Hardangerfj., Muus 1959)
- 511 NEOMENIAMORPHA
- 51100 NEOMENIIDAE Ihering, 1877
- Neomenia* Tullberg, 1875
(Type: *Neomenia carinata* Tullberg; western Sweden)
- S) *N. carinata* Tullberg, 1875 (N to 68 degr., G.O. Sars 1878)
- (= *Solenopus nitidulus* Koren & Danielssen, 1877) (G.O. Sars 1878)
- N) *N. dalyelli* (Koren & Danielssen, 1877) (S to 60 degr., Muus 1959)
- (= *Solenopus dalyelli* Koren & Danielssen) (G.O. Sars 1878)
- Solenopus* M. Sars, 1868 nom. nud.; Koren & Danielssen, 1877
(See *Neomenia*)
- 512 CAVIBELONIA
- 51200 AMPHIMENIIDAE Salvini-Plawen, 1972
- Alexandromenia* Heath, 1911
(Type: *Alexandromenia agassizi* Heath, 1911; southern California)
- W) *A. crassa* Odhner, 1921 (60.5 degr., Muus 1959)

- 51201 SIMROTHIELLIDAE Salvini-Plawen, 1978
Kruppomenia Nierstrasz, 1903 (See *Simrothiella*)
- Simrothiella* Pilsbry, 1898 (Opinion 1185 of ICZN)
 (Type: *Solenopus margaritaceus* Koren & Danielssen; western Norway)
 (= *Kruppomenia* Nierstrasz, 1903)
- S) *S. borealis* (Odhner, 1921) (N to 68 degr., Muus 1959)
 W) *S. margaritacea* (Koren & Danielssen, 1877) (59–62 degr., Muus 1959)
 (= *Solenopus margaritaceus* Koren & Danielssen) (G.O. Sars 1878)
- Solenopus* -2-
 STROPHOMENIIDAE Salvini-Plawen, 1978
- 51202 *Anamenia* Nierstrasz, 1908
 (Type: *Proneomenia ambainensis* Thiele, 1902; Japan)
- N) *A. borealis* (Koren & Danielssen, 1877) (S to 63.5 degr., Odhner 1921)
 (= *Solenopus borealis* Koren & Danielssen) (G.O. Sars 1878)
- Solenopus* -3-
 PRONEOMENIIDAE Simroth, 1893
- 51203 *Dorymenia* Heath, 1911
 (Type: *Dorymenia acuta* Heath, 1911; southern California)
- S) *D. sarsii* (Koren & Danielssen, 1877) (N to 70 degr., Muus 1959)
 (= *Solenopus sarsii* Koren & Danielssen) (G.O. Sars 1878)
- Proneomenia* Hubrecht, 1880
 (Type: *Proneomenia sluiteri* Hubrecht; Arctic)
- *Ar) *P. sluiteri* Hubrecht, 1880 (Barents Sea, Odhner 1921)
Solenopus -4- (See *Dorymenia*)
- 51204 DREPANOMENIIDAE Salvini-Plawen, 1978
- Drepanomenia* Heath, 1911
 (Type: *Drepanomenia vampyrella* Heath 1911; Sandwich Islands)
- N) *D. incrustata* (Koren & Danielssen, 1877) (70.5 degr., Odhner 1921)
 (= *Solenopus incrustatus* Koren & Danielssen) (G.O. Sars 1878)
- Solenopus* -5- (See *Drepanomenia*)
- 52 POLYPLACOPHORA (= PLACOPHORA)
 (= LORICATA)
- 520 LEPIDOPLEURIDA
- 52000 LEPIDOPLEURIDAE Pilsbry, 1892
- Lepidopleurus* Risso, 1826 (See *Leptochiton*)
- Leptochiton* J.E. Gray, 1847 (Cf. Kaas 1981)
 (Type: *Chiton cinereus* Montagu; Britain)
 (= *Lepidopleurus* Risso, 1826 (in part))
- C) *L. alveolus* (Lovén, 1846 ex M. Sars MS) (Whole coast, Kaas 1981)
 C) *L. asellus* (Gmelin, 1791) (Whole coast, Kaas 1981; see also Dons 1934)
 (= *Lepidopleurus cinereus* (Montagu, 1803) not (Linné, 1767)) (G.O. Sars 1878)
- N) *L. arcticus* (G.O. Sars, 1878) (S to 64.5 degr., Kaas 1981)
 S) *L. sarsi* (Kaas, 1981) (N to 70.5 degr., G.O. Sars 1878)
 (= *Lepidopleurus cancellatus* (G.O. Sars, 1878) not (G.B. Sowerby II, 1840))
- 52001 HANLEYIDAE Bergenhayn, 1955
- Chiton* Linné, 1758 (See *Hanleya*)
- Hanleya* J.E. Gray, 1857
 (Type: *Hanleya debilis* J.E. Gray; Britain)
 (= *Chiton* Linné, 1758 (in part))
- S) *H. abyssorum* (G.O. Sars, 1878 ex M. Sars MS) (G.O. Sars 1878)
 (N to 67.5 degr., Dons 1933a)
 (Cf. Kaas & van Belle 1980)
 (Whole coast, G.O. Sars 1878)
- C) *H. hanleyi* (Bean, 1844)
 (= *H. debilis* J.E. Gray, 1857) (N to 70.5 degr., Dons 1933a)
- S) *H. nagelfar* (Lovén, 1846)
- 521 ISCHNOCHITONIDA
- 52100 LEPIDOCHITONIDAE Iredale, 1914
 (Cf. Ferreira 1982)
- Boreochiton* G.O. Sars, 1878 (See *Tonicella*)
Craspedochilus G.O. Sars, 1878 (See *Lepidochitona*)
Lepidochiton Thiele, 1929 (See *Lepidochitona*)

- Lepidochitona** J.E. Gray, 1821
(Type: *Chiton marginatus* Pennant, Britain)
(= *Lepidochiton* Thiele, 1929 not Carpenter, 1857)
(= *Craspedochilus* G.O. Sars, 1878)
- C) ***L. cinerea*** (Linné, 1767)
(= *Craspedochilus marginatus* (Pennant, 1777))
(= *Trachydermon marginatus* (Pennant))
- Tonicella** Carpenter, 1873
(Type: *Chiton marmoreus* Fabricius, Greenland)
- C) ***T. marmorea*** (Fabricius, 1780)
(= *Chiton laevigatus* Fleming, 1815)
(= *Boreochiton marmoreus* (Fabricius))
- C) ***T. rubra*** (Linné, 1767)
(= *Trachydermon ruber* (Linné))
(= *Boreochiton ruber* (Lowe))
(= *Chiton laevis* Pennant, 1777)
- Trachydermon* Carpenter, 1864
Trachydermon -2-
- 52101 ISCHNOCHITONIDAE Dail, 1889
(Cf. Ferreira 1982)
- Chondroleura* Thiele, 1906
- Ischnochiton* J.E. Gray, 1847
- Lophyrus* G.O. Sars, 1878
- Stenosemus** Middendorf, 1848 (Cf. Ferreira 1981)
(Type: *Chiton albus* Linné; ?)
(= *Lophyrus* G.O. Sars, 1878)
- C) ***S. albus*** (Linné, 1767)
(= *Ischnochiton albus* (Linné))
- W) ***S. exaratus*** (G.O. Sars, 1878) (61.5-68 degr., Friele & Grieg 1901, and Dons 1934)
(= *Chondroleura exarata* (G.O. Sars))
- 52102 CALLOCHITONIDAE Plate, 1899
(Cf. Ferreira 1982)
- Callochiton** J.E. Gray, 1847
(Type: *Chiton laevis* Montagu, Britain)
- S) ***C. septemvalvis*** (Montagu, 1803) (N to 67 degr., Dons 1934)
(= *C. uchatinus* (Brown, 1823))
(= *C. laevis* (Montagu, 1803) not (Pennant, 1777)) (G.O. Sars 1878)
- 522 ACANTHOCHITONIDA
52200 ACANTHOCHITONIDAE Hedley, 1916
- Acanthochites* Risso, 1826 (See *Acanthochitona*)
- Acanthochiton* Herrmannsen, 1846 (See *Acanthochitona*)
- Acanthochitona*** J.E. Gray, 1821
(Type: *Chiton fascicularis* Linné, Europe?)
(= *Acanthochiton* Herrmannsen, 1846)
- *No) ***A. communis*** (Risso, 1826) (Scottish North Sea Coast, McKay & Smith 1979)
- S) ***A. crinitus*** (Pennant, 1777) (N to 67.5 degr., Vader 1968)
(= *A. fascicularis* (Linné, 1767) nom. inquir.)
(= *Acanthochites fascicularis* (Linné)) (G.O. Sars 1878)
- 53 GASTROPODA PROSOBRANCHIA
- 530 ARCHAEOGASTROPODA (= DIOTOCARDIA)
- 5300 PLEUROTOMARIACEA
- 53000 SCISSURELLIDAE J.E. Gray, 1847
- Anatoma*** Woodward, 1859 (Cf. McLean 1984)
(Type: *Scissurella crispata* Fleming, North Sea)
- C) ***A. crispata*** (Fleming, 1832) (Whole coast, Bouchet & Warén 1979)
(= *Scissurella crispata* Fleming) (G.O. Sars 1878)
(= *Scissurella angulata* Lovén, 1846) (Cf. Odhner 1960)
Scissurella Orbigny, 1824 (See *Anatoma*)
- 5301 FISSURELLACEA
- 53010 FISSURELLIDAE Fleming, 1822
- Diodora*** J.E. Gray, 1821
(Type: *Patella apertura* Montagu, Britain)

- Jujubinus* Monterosato, 1884 (Cf. McKay & Smith 1979, p. 6)
(Type: *Trochus matoni* Payraudeau, 1827; Mediterranean)
(= *Cantharidus* auct., not Montfort, 1810)
S gen.: *Jujubinus* s. str.
- *No) *J. montagai* (W. Wood, 1828) (Scottish North Sea Coast, McKay & Smith 1979; central North Sea, Fretter & Graham 1977, p. 70)
- S gen.: *Clelandella* Winckworth, 1932
(Type: *Trochus clelandi* W. Wood; Britain)
- S) *J. clelandi* (W. Wood, 1828) (N to 69 degr., Odhner 1912, and Høisæter unpublished)
(= *Cantharidus clelandi* (W. Wood))
(= *Calliostoma miliare* auct., not (Brocchi, 1814))
(= *Clelandella millegrana* (Philippi, 1836))
(= *Conulus millegranus* (Philippi))
- S.fam.: UMBONINAE H. & A. Adams, 1854
- Dikoleps* Høisæter, 1968
(Type: *Margarita pusilla* Jeffreys; Britain)
- W) *D. nitens* (Philippi, 1844) (60–65 degr., Høisæter 1968a and unpublished)
(= *Margarita pusilla* Jeffreys, 1847)
(= *Skenea nitens* (Philippi))
(= *Cyclostrema nitens* (Philippi))
- Cyclostrema* -2-
Margarita -2-
Skenea -2-
(See *Dikoleps*)
(See *Dikoleps*)
(See *Dikoleps*)
- 53041 SKENEIDAE Clarke, 1851
- Anekes* Bouchet & Warén, 1979
(Type: *Anekes undulisculpta* Bouchet & Warén; Norwegian Sea)
- *Ab) *A. undulisculpta* Bouchet & Warén, 1979
(Norwegian Sea basin, Bouchet & Warén 1979)
(Probably not a Skeneid, cf. Bouchet & Warén 1979)
- Cyclostrema* Marryat, 1818
Delphinoides Brown, 1827
Lissospira Bush, 1897
- Skenea* Fleming, 1825 (Cf. Høisæter 1968b)
(Type: *Helix serpuloides* Montagu, 1808; Britain)
(= *Cyclostrema* Jeffreys, 1865 not Marryat, 1818) (G.O. Sars 1878)
(= *Delphinoides* Brown, 1827)
- S gen.: *Skenea* s. str.
- W) *S. areolata* (G.O. Sars, 1878)
(64–69 degr., Høisæter 1968b and unpublished)
- N) *S. laevigata* (Friele, 1876)
(S to 60 degr., Høisæter 1968b)
- N) *S. millipunctata* (Friele, 1886)
(70 degr., Høisæter 1968b)
- N) *S. williei* (Friele, 1886)
(69 & 70 degr., Høisæter 1968b)
- S gen.: *Lissospira* Bush, 1897
(Type: *Cyclostrema proxima* Tryon; western Atlantic)
- S) *S. basistriata* (Jeffreys, 1877)
(= *Cyclostrema affine* Verrill, 1884)
(= *Cyclostrema proxima* Tryon, 1888)
(N to 68 degr., Høisæter 1968b)
- C) *S. peterseni* (Friele, 1877)
(= *Cyclostrema trochoide* (Jeffreys) auct)
(Whole coast, Høisæter 1968b)
(= *Cyclostrema trochoide* (Jeffreys) auct) (G.O. Sars 1878)
- *Ab) *S. profunda* (Friele, 1879) (Norwegian Sea basin, Bouchet & Warén 1979)
(N to 68 degr., Høisæter 1968b)
- S) *S. rugulosa* (G.O. Sars, 1878)
(Norwegian Sea basin, Bouchet & Warén 1979)
- *Ab) *S. turgida* (Odhner, 1912) (Norwegian Sea basin, Bouchet & Warén 1979)
- 53042 TURBINIDAE Rafinesque, 1815
- Moelleria* Jeffreys, 1865 (Cf. Baxter & McLean 1984)
(Type: *Margarita costulata* Møller; Greenland)
- N) *M. costulata* (Møller, 1842) (S to 67.5 degr., Bohuslän, Odhner 1912, and Friele & Grieg 1901)
- 531 MESOGASTROPODA (= TAENIOGLOSSA)
- 5310 LITTORINACEA
- 53100 LACUNIDAE Gill, 1871
- Lacuna* Turton, 1827
(Type: *Helix lacuna* Montagu; Britain)
- *No) *L. crassior* (Montagu, 1803) (Scottish North Sea Coast, McKay & Smith 1979; see also Fretter & Graham 1980, p. 248)
(= *L. glacialis* Møller, 1842)
- C) *L. pallidula* (da Costa, 1778) (Whole coast, G.O. Sars 1878; see also Sparre Schneider 1893)

- S) *L. parva* (da Costa, 1778) (Cf. Ockelmann & Nielsen 1981)
(N to 63 degr., Snelli 1974 and G.O. Sars 1878)
(G.O. Sars 1878)
- (= *L. puteculus* (Turton, 1819))
(= *L. lacuna* (Montagu, 1803))
- C) *L. vineta* (Montagu, 1803) (Whole coast, G.O. Sars 1878; see also Sparre
Schneider 1893)
(= *L. divaricata* (Fabricius, 1780) not (Linné, 1767)) (G.O. Sars 1878)
- 53101 LITTORINIDAE J.E. Gray, 1840
- Littorina* Férussac, 1822 (Opinion 1159 of ICZN)
(Type: *Turbo littoreus* Linné; Europe?)
- S) *L. arcana* Hanaford Ellis, 1978 (Oslofj. and Trondheimsfj., Snelli & Marion 1979)
(= *L. saxatilis* auct., not (Olivé) in part)
- C) *L. littorea* (Linné, 1758)
(Whole coast, G.O. Sars 1878)
- S) *L. mariae* Sacchi & Rastelli, 1966
(N to 70 degr., Snelli & Marion 1979)
(Cf. Smith 1982)
- (= *L. fabalis* Turton, 1825)
(= *L. obtusata* (Linné) in part)
- S) *L. neglecta* Bean, 1844
(Oslofj. and Trondheimsfj., Snelli & Marion 1979)
(= *L. saxatilis* auct., not (Olivé) in part)
- S) *L. neritoides* (Linné, 1758) (N to 61 degr., Lewis & Tambs-Lyche 1962 and
Nielsen 1980)
(= *L. basteronii* Payraudeau, 1826)
(= *Melaraphe neritoides* (Linné))
- C) *L. obusata* (Linné, 1758) (Whole coast, Sparre Schneider 1886 and 1893)
(= *L. littoralis* (Linné, 1758))
- N) *L. palliata* (Say, 1822)
(= *L. obusata* (Linné) in part)
- C) *L. saxatilis* (Olivé, 1792)
(= *L. ridis* (Maton, 1797))
(Whole coast, Sparre Schneider 1886)
(Cf. Fretter 1980)
- (= *L. groenlandica* Menke, 1830) (Cf. Dautzenberg & Fischer 1912)
(Possibly a distinct species, J. Knudsen pers. comm.)
(= *L. tenebrosa* (Montagu, 1803))
(Cf. Janson & Ward 1985)
- Melaraphe* Menke, 1828
(See *Littorina*)
- 5311 RISSOACEA
- 53110 HYDROBIIDAE Troschel, 1857
- Hydrobia* Hartmann, 1821 (Cf. Bishop 1976)
(Type: *Cyclostoma acutum* Draparnaud, 1805; Mediterranean?)
- C) *H. neglecta* Muus, 1963
(= *H. minima* auct., not (Totten, 1834))
(Whole coast, G.O. Sars 1878)
(G.O. Sars 1878)
- S) *H. ulvae* (Pennant, 1777)
(N to 69.5 degr., Friele & Grieg 1901)
- S) *H. ventrosa* (Montagu, 1803)
(= *H. totteni* Morrison, 19547)
(= *H. minuta* (Totten, 1834) not (Brown, 1818)?) (Cf. Bishop 1976)
(= *H. acuta* (Draparnaud, 1805))
- Potamopyrgus* Stimpson, 1865
(Type: *Melania corolla* Gould, 1847; New Zealand)
(Southeastern coast, Snelli pers. comm.)
- S) *P. jenkinsi* (E.A. Smith, 1889)
- 53111 IRAVADIIDAE Thiele, 1928 (Cf. Ponder 1984)
- Hyalia* H. & A. Adams, 1852 (Cf. Hubendick & Warén 1976)
(Type: *Turbo vitreus* Montagu; Britain)
- S) *H. vitrea* (Montagu, 1803) (N to 60 degr.?, G.O. Sars 1878; see also Hubendick
& Warén 1976, and Nordgård 1915)
(= *Onoba vitrea* (Montagu)) (G.O. Sars 1878)
- Onoba* -2-
(See *Hyalia*)
- 53112 RISSOIDAE J.E. Gray, 1847 (Cf. Ponder 1985)
- Alvania* Risso, 1826
(Type: *Alvania europea* Risso, 1826; Mediterranean)
- S gen.: *Alvania* s. str.
(= *Turbona* J.E. Gray, 1847 ex Leach MS)
- S) *A. abyssicola* (Forbes, 1850) (N to Trondheimsfj., Warén 1973)
- S) *A. beanii* (Thorpe, 1844 ex Hanley MS) (Oslofj., Jeffreys 1870; 60-62 degr.?,
G.O. Sars 1878)
- (= *A. reticulata* (Montagu, 1807) not (J. Adams, 1797)) (G.O. Sars 1878)
- (= *A. calathus* (Forbes & Hanley, 1850)) (G.O. Sars 1878)
(Cf. Fretter & Graham 1978, p. 173)
- S) *A. cimicoides* (Forbes, 1844)
(N to 70 degr., G.O. Sars 1878)
- C) *A. jeffreysi* (Waller, 1864)
(Whole coast, G.O. Sars 1878)
- *Ar) *A. moerchi* (Collin, 1886)
(Barents Sea, Warén 1973)
- (Generic placement uncertain, may be an *Onoba* sensu Ponder 1985)
Warén 1973; see also Ponder 1985)
- *Ab) *A. pseudosynogenes* (Warén, 1973)
(Slope and Norwegian Sea basin,
- S) *A. punctura* (Montagu, 1803)
(N to 70 degr., G.O. Sars 1878)
- *Ar) *A. scrobiculata* (Møller, 1842)
(Barents Sea, Warén 1973)

- S) *A. subsoluta* (Aradas, 1847) (N to 71 degr., Warén 1973; see also Norman 1893) (= *A. abyssicola* auct., not (Forbes, 1850)) (G.O. Sars 1878)
- *Ab) *A. verrilli* (Friele, 1886) (Slope and Norwegian Sea basin, 69.5 degr., Warén 1973)
- S. gen.: *Crisilla* Monterosato, 1917
(Type: *Turbo semistriatus* Montagu; Britain)
- S) *A. semistriata* (Montagu, 1808)
G.O. Sars 1878 and Norman 1879
(= *Cingula semistriata* (Montagu))
- S. gen.: *Punctulum* Jeffreys, 1884
(Type: *Rissoa wyvillethomsoni* Friele; North Atlantic, deep water)
- N) *A. wyvillethomsoni* (Friele, 1877 ex Jeffreys MS) (Slope, S to 63 degr., Warén 1973)
(Cf. Ponder 1985)
- Alvania* -2-
(See *Frigidoalvania*)
- Alvania* -3-
(See *Manzonina*)
- Alvania* -4-
(See *Onoba*)
- Alvinia* Monterosato, 1884
(See *Manzonina*)
- Boreocingula* Golikov & Kussakin, 1974
(Type: *Cingula maryni* Dall, 1886; northern Pacific)
- S) *B. globuloides* (Warén, 1972) (60 degr., empty shell, Warén 1972d)
(= *Cingula globuloides* Warén)
- Cingula* Fleming, 1818 (Cf. Ponder 1985)
(Type: *Turbo cingillus* Montagu; Britain)
- S) *C. trifasciata* (J. Adams, 1800) (58.5-60.5 degr., G.O. Sars 1878, and Norman 1879)
(= *C. cingillus* (Montagu, 1803)) (G.O. Sars 1878)
(= *Barleeia rubra* Adams (Friele 1874)) (Cf. Norman 1879)
- Cingula* -2-
(See *Alvania*)
- Cingula* -3-
(See *Boreocingula*)
- Cingula* -4-
(See *Frigidoalvania*)
- Cingula* -5-
(See *Obtusella*)
- Cingula* -6-
(See *Onoba*)
- Cingula* -7-
(See *Setia*)
- Crisilla* Monterosato, 1917
(See *Alvania*)
- Flemellia* Nordsieck, 1972
(See *Manzonina*)
- Flemingia* Jeffreys, 1884
(See *Manzonina*)
- Frigidoalvania* Warén, 1974
(Type: *Rissoa janmayeni* Friele; Norwegian Sea)
- N) *F. janmayeni* (Friele, 1878)
(= *Alvania janmayeni* (Friele)) (East Finnmark, Warén 1974)
- Manzonina* Brusina, 1870
(Type: *Turbo costatus* J. Adams; Britain)
- S. gen.: *Manzonina* s. str.
- *Sw) *M. crassa* (Kammacher, 1798)
(Bohuslän, empty shells, Hubendick & Warén 1976)
(= *Alvania crassa* (Kammacher))
- (= *Onoba costata* (J. Adams, 1797) not (Gmelin 1791)) (G.O. Sars 1878)
- S. gen.: *Alvinia* Monterosato, 1884
(Type: *Alvania weinkauffi* Weinkauff, 1868 ex Mohrenstern MS; Mediterranean)
(N to 69.5 degr., G.O. Sars 1878; Friele & Grieg 1901; Warén 1973; and Høisæter unpublished)
- (= *Flemingia zelandica* (Montagu))
- (= *Flemellia zelandica* (Montagu))
- Obtusella* Cossmann, 1921
(Type: *Rissoa obtusa* Cantraine, 1842; Mediterranean)
- S) *O. alderi* (Jeffreys, 1858) (Oslofj., Brøgger 1872, 60-60.5 degr., Friele 1874, and Norman 1879)
(= *Cingula soluta* auct., not (Philippi, 1844)) (G.O. Sars 1878)
(= *Rissoa intersecta* S. Wood, 1856?) (Cf. Ponder 1985)
- N) *O. tumidula* (G.O. Sars, 1878) (East Finnmark, G.O. Sars 1878; see also Warén 1974)
(= *Cingula tumidula* G.O. Sars)
(Generic placement uncertain, not mentioned in Ponder (1985)) (G.O. Sars 1878)
- Onoba* H. & A. Adams, 1854
(Type: *Turbo striatus* Montagu; Britain)
- (= *Cingula* Fleming, 1828, in part)
- C) *O. aculeus* (Gould, 1841)
(= *O. proxima* auct., not (Forbes & Hanley, 1850)) (Whole coast, G.O. Sars 1878)
(= *O. semicostata* (Montagu, 1803)) (G.O. Sars 1878)
- S) *O. semicostata* (Montagu, 1803) (N to 70.5 degr., G.O. Sars 1878)
- (= *O. striata* (Montagu, 1803, not (da Costa, 1778)) (G.O. Sars 1878)
- N) *O. nighelsi* (Stimpson, 1851) (East Finnmark, Warén 1973)
(= *Alvania nighelsi* (Stimpson, 1851)) (Cf. Ponder 1985)
- (= *Cingula castanea* auct., not (Møller, 1842)) (G.O. Sars 1878)

- Onoba* -3- (See *Alvania*)
- Pseudosetia* Monterosato, 1884 (See *Setia*)
- Punctulum* Jeffreys, 1884 (See *Alvania*)
- Pusillina*** Monterosato, 1884
(Type: *Rissoa pusilla* Philippi, 1836; Mediterranean)
- S) *P. inconspicua* (Alder, 1844)
(= *Rissoa inconspicua* Alder)
(N to 70.5 degr., G.O. Sars 1878)
- S) *P. sarsii* (Lovén, 1846) (N to 67.5 degr., G.O. Sars 1878, Norman 1893, and Warén 1973)
(= *Rissoa sarsii* Lovén)
(= *Rissoa albella* Lovén, 1846, not Alder, 1844) (Cf. Ponder 1985)
- Rissoa*** Desmarest, 1814
(Type: *Rissoa ventricosa* Desmarest, 1814; Mediterranean)
- S) *R. membranacea* (J. Adams, 1800) (Oslofj. and 60-62 degr.?, G.O. Sars 1878; see also Friele & Grieg 1901)
(= *Rissostomia membranacea* (J. Adams))
(= *Rissostomia octona* (Nilsson, 1822) not (Linné, 1758))
(G.O. Sars 1878)
- C) *R. parva* (da Costa, 1779)
(= *R. interrupta* (J. Adams, 1800))
(Whole coast, G.O. Sars 1878)
- S) *R. porifera* Lovén, 1846
(= *R. violacea* Desmarest, 1814 in part)
(N to 68 degr., G.O. Sars 1878)
- S) *R. rufilabrum* Alder, 1844 (N to 62 degr.?, G.O. Sars 1878; see also Smith 1970)
(= *R. violacea* Desmarest, 1814 in part)
(G.O. Sars 1878)
(Cf. Smith 1970, and Fretter & Graham 1978, p. 207)
- Rissoa* -2- (See *Obusella*)
- Rissoa* -3- (See *Pusillina*)
- Rissoa* -4- (See *Setia*)
- Rissostomia* G.O. Sars, 1878 (See *Rissoa*)
- Setia*** H. & A. Adams, 1854
(Type: *Rissoa pulcherrima* Jeffreys, 1848; Channel Islands)
- *Ab) *S. semipellucida* (Friele, 1879) (Norwegian Sea basin, Bouchet & Warén 1979)
(= *Pseudosetia semipellucida* (Friele))
- S) *S. turgida* (Jeffreys, 1870)
(= *Cingula turgida* (Jeffreys))
(N to 71 degr., G.O. Sars 1878)
- (= *Pseudosetia turgida* (Jeffreys))
(= *Rissoa turgida* (Jeffreys))
(G.O. Sars 1878)
- Turbona* J.E. Gray, 1847 ex Leach MS (See *Alvania*)
- 53113 ***Barleeia*** Clark, 1855
(Type: *Turbo ruber* J. Adams; Britain)
- *No) *B. unifasciata* (Montagu, 1803) (Scottish North Sea Coast, McKay & Smith 1979; Shetland, Smith 1975; a record by Friele from 60.5 degr., due to a mistake, Norman 1879)
(= *B. rubra* (J. Adams, 1797) not (Salis, 1793))
- 53114 ***Rissoellidae*** M.E. Gray, 1850
(See *Rissoella*)
- Jeffreysia* Alder, 1850
- Rissoella*** M.E. Gray, 1850 (Cf. Robertson 1962)
- (Type: *Rissoa glaber* Alder; Britain)
- (= *Jeffreysia* Alder in Forbes & Hanley, 1850)
(G.O. Sars 1878)
- W) *R. diaphana* (Alder, 1848)
(= *R. glaber* (Alder, 1844) not (Brown, 1827))
(N to 69.5 degr., G.O. Sars 1878, Friele & Grieg 1901, Hubendick & Warén 1976, and Sneli 1979)
- S) *R. globularis* (Jeffreys, 1852)
(60.5-61.5 degr., Friele 1874)
- W) *R. opalina* (Jeffreys, 1848)
- 53115 ***Omalogyridae*** G.O. Sars, 1878
- Ammonicera*** Vayssière, 1893
(Type: *Homalogyra fischeriana* Monterosato, 1869; Mediterranean)
- S) *A. rota* (Forbes & Hanley, 1850)
(= *Omalogyra rota* (Forbes & Hanley))
(60-60.5 degr., Høisæter 1968a)
- Homalogyra* Jeffreys, 1867 (See *Omalogyra*)
- Omalogyra*** Jeffreys, 1860
(Type: *Truncatella atomus* Philippi; Mediterranean)
- (= *Homalogyra* Jeffreys, 1867)
(G.O. Sars 1878)
- C) *O. atomus* (Philippi, 1841)
(Whole coast, G.O. Sars 1878)
- Omalogyra* -2- (See *Ammonicera*)
- 53116 ***Skeneopsidae*** Iredale, 1915
(See *Skeneopsis*)
- Skenea* -3-

- Skeneopsis* Iredale, 1915
(Type: *Turbo planorbis* Fabricius; Greenland)
C) *S. planorbis* (Fabricius, 1780)
(= *Skeneu planorbis* (Fabricius))
- 53117 TORNIDAE Sacco, 1896
Adeorbis S. Wood, 1842
- Omulaxis* Deshayes, 1832
(Type: *Solarium disjunctum* Lamarck, 1804; Eocene fossil)
(Type: *fide* G.O. Sars 1878: *Bifrontia zancloae* Philippi)
W) *O. supranitida* (S. Wood, 1848)
(68 degr., empty shell, G.O. Sars 1878)
- Tornus* Turton & Kingston, 1830
(Type: *Helix subcarinata* Montagu, 1803; Britain)
(= *Adeorbis* S. Wood, 1842)
W) *T. fragilis* (G.O. Sars, 1878) (60 and 68 degr., G.O. Sars 1878; slope, 70 & 71 degr., Friele & Grieg 1901)
*No) *T. subcarinatus* (Montagu, 1803) (Scottish North Sea Coast, McKay & Smith 1979)
- 53118 TRACHYSMATIDAE Thiele, 1925
(Cf. Boss 1982, and Nordsieck 1972)
- Trachysma* G.O. Sars, 1878 ex Jeffreys MS
(Type: *Cyclostoma delicatum* Philippi; Tertiary fossil)
(Cf. Bush 1897, but see Warén 1980a)
W) *T. expansa* G.O. Sars, 1878 (68–69 degr., G.O. Sars 1878, and Høisæter unpublished)
(= *T. delicatum* (Philippi, 1844))
(= *T. sarsianum* Thiele, 1912) (Cf. Warén 1980a) (G.O. Sars 1878)
- 53119 CAECIDAE J.E. Gray, 1850
- Caecum* Fleming, 1813
(Type: *Denitium trachea* Montagu; Britain)
S) *C. glabrum* (Montagu, 1803)
(Oslofj. and 60.5 degr., G.O. Sars 1878)
(= *Coecum glabrum* (Montagu))
*No) *C. imperforatum* (Kammacher, 1798) (Scottish North Sea Coast, McKay & Smith 1979)
(= *C. trachea* (Montagu, 1803))
(*Coecum* Friele, 1874)
- (See *Caecum*)
- 5312 CERITHIACEA
- 53120 TURRITELLIDAE Woodward, 1851
- Turritella* Lamarck, 1799
(Type: *Turbo terebra* Linné; Indo-Pacific)
S) *T. communis* Risso, 1826
(= *T. terebra* (Pennant, 1777), not (Linné, 1758)) (N to 68 degr., G.O. Sars 1878)
(G.O. Sars 1878)
- Turritellopsis* G.O. Sars, 1878
(Type: *Turritella acicula* Stimpson; New England)
N) *T. acicula* (Stimpson, 1851)
(East Finnmark, G.O. Sars 1878)
- 53121 CERITHIIDAE Fleming, 1822
- Bittium* J.E. Gray, 1847 ex Leach MS
(Type: *Murex reticulatus* Montagu, 1803; Britain) (Cf. Houbbrick 1977)
S) *B. reticulatum* (da Costa, 1778) (N to 65 degr., G.O. Sars 1878, Norman 1893, and Høisæter unpublished)
- 5313 STROMBACEA
- 53130 APORRHAIIDAE J.E. Gray, 1850
- Aporrhais* da Costa, 1778
(Type: *Aporrhais quadrifidus* da Costa; Britain)
S) *A. pespelecani* (Linné, 1758) (N to 70 degr., G.O. Sars 1878; see also Sparre Schneider 1895, and Sneli 1968)
(= *A. quadrifidus* da Costa, 1778)
S) *A. serresianus* (Michaud, 1828)
(= *A. macandreae* Jeffreys, 1867) (N to 68 degr., Sneli 1968)
- 5314 HIPPONICACEA
- 53140 TRICHOTROPIDAE J.E. Gray, 1850
- Torellia* Jeffreys, 1867 ex Lovén MS
(Type: *Torellia vestita* Jeffreys; Shetland)
W) *T. vestita* Jeffreys, 1867
(= *T. vestita* var. *abyssicola* Friele, 1903)
(= *T. fimbriata* Verrill & Smith in Verrill, 1882) (Cf. Bouchet & Warén 1979; see also Friele & Grieg 1901, p. 115)
(= *T. fimbriata* var. *tiarella* Verrill & Smith in Verrill, 1882)

- Trichotropis* Broderip & G.B. Sowerby I, 1829
(Type: *Turbo bicarinatus* G.B. Sowerby I, 1825; Arctic)
- C) *T. borealis* Broderip & G.B. Sowerby I, 1829
(Whole coast, G.O. Sars 1878)
(S to 69 degr., Friele & Grieg 1901)
- N) *T. conica* Møller, 1842
CAPULIDAE Fleming, 1822
- 53141
- Capulus* Montfort, 1810
(Type: *Patella ungarica* Linné; Europe?)
- S) *C. ungarcus* (Linné, 1758)
(= *C. hungaricus* (Linné, 1758))
(N to 70.5 degr., G.O. Sars 1878)
(G.O. Sars 1878)
- 5315
- CALYPTRAEACEA
- 53150
- CALYPTRAEIDAE Blainville, 1824
- Crepidula* Lamarck, 1799
(Type: *Patella fornicata* Linné; eastern North America?)
- S) *C. fornicata* (Linné, 1758) (Southeastern coast, Bergan 1969; see also Dom-
masnes & Schram 1973 and Bergstad 1974)
- 5316
- LAMELLARIACEA
- 53160
- LAMELLARIIDAE Orbigny, 1841
- Capulacmaea* M. Sars, 1859 (Cf. Thiele 1928)
(Type: *Capulus radiatus* M. Sars; northern Norway)
(= *Pilidium* Middendorf, 1849)
(= *Piliscus* Lovén, 1859)
(S to 68 degr., slope, Friele & Grieg 1901)
- N) *C. radiata* (M. Sars, 1851)
- Lamellaria* Montagu, 1815
(Type: *Lamellaria tentaculata* Montagu; Britain)
(= *Marsenia* Leach, 1820)
- W) *L. latens* (Müller, 1776) (59.5–71 degr., G.O. Sars 1878, and Odhner 1913)
(= *L. tentaculata* Montagu, 1811)
- S) *L. perspicua* (Linné, 1758)
by Lovén from Finnmark are cited by Odhner 1913, also one find from
Trondheimsfj., Odhner 1926)
- T) *L. pellucida* Verrill & Smith in Verrill, 1882
(= *L. pellucida* var. *farrani* Odhner, 1926)
(Trondheimsfj., Odhner 1926)
- Marsenia* Leach, 1820
(See *Lamellaria*)
- Marseniella* Bergh, 1886
(Type: *Marseniella borealis* Bergh; western Norway)
- W) *M. borealis* Bergh, 1886
(60–62 degr., Odhner 1913)
- Marsenina* J.E. Gray, 1850 (Cf. Odhner 1913, p. 51 ff.)
(Type: *Lamellaria prodita* Lovén; northern Norway) (Cf. Nordstreck 1968)
- N) *M. glabra* (Couthouy, 1839) (S to 68 degr., G.O. Sars 1878;
Trondheimsfj., Odhner 1926)
(= *M. micromphala* Bergh, 1853)
(= *M. prodita* (Lovén, 1846))
(= *M. groenlandica* (Møller, 1842))
Morvillia J.E. Gray, 1857
(See *Velutina*)
- Onchidiopsis* Bergh, 1853
(Type: *Onchidiopsis groenlandica* Bergh; Greenland)
- N) *O. glacialis* (M. Sars, 1851)
(S to 69.5 degr., Odhner 1913)
- Pilidium* Middendorf, 1849
(See *Capulacmaea*)
- Piliscus* Lovén, 1859
(See *Capulacmaea*)
- Velutella* J.E. Gray, 1847
(See *Velutina*)
- Velutina* Fleming, 1821
(Type: *Bulla velutina* Muller; Norway?)
- S gen.: *Velutina* s. str.
- N) *V. lanigera* Møller, 1842
(S to 68 degr., Odhner 1913)
- N) *V. schneideri* Friele, 1886 (S to 69.5 degr., Friele & Grieg 1901, and Odhner 1913)
(= *V. velutina* var. *schneideri* Friele)
- N) *V. undata* Brown, 1838
(= *Morvillia undata* (Brown, 1838))
(= *V. zonata* Gould, 1841)
- C) *V. velutina* (Müller, 1776)
(= *V. laevigata* (Pennant, 1777))
(Whole coast, G.O. Sars 1878)
(G.O. Sars 1878)
- S gen.: *Velutella* J.E. Gray, 1847
(Type: *Bulla flexilis* Montagu; Britain)
- C) *V. plicatilis* (Müller, 1776)
(= *V. flexilis* (Montagu, 1808))
(= *V. cryptospira* (Middendorf, 1851))
(Whole coast, Odhner 1913)
(G.O. Sars 1878)
(G.O. Sars 1878)

- 53161 ERATOIDAE Gill, 1871
Erato Risso, 1826
 (Type: *Erato cypraea* (Brocchi, 1814); ?) (Cf. Abbott 1974)
 S) *E. voluta* (Montagu, 1803) (Southeastern coast, Hubendick & Warén 1976, append)
 (= *E. laevis* (Donovan, 1804))
Trivia Broderip, 1837
 (Type: *Cypraea europaea* Montagu; Britain)
 S) *T. arcica* (Pulteney, 1799)
 (Soot-Ryen 1951) (N to 68 degr., G.O. Sars 1878; see also (G.O. Sars 1878))
 (= *T. europaea* (Montagu, 1803) in part) (G.O. Sars 1878)
 *No) *T. monacha* (da Costa, 1778) (Scottish North Sea Coast, McKay & Smith 1979) (= *T. europaea* (Montagu) in part)
 5317 NATICACEA
 53170 NATICIDAE J.E. Gray, 1840
Acrybia H. & A. Adams, 1853 (See *Bulbus*)
Amauropis Mørch, 1857
 (Type: *Nerita islandica* Gmelin; Iceland)
 N) *A. islandica* (Gmelin, 1791) (S to 59.5 degr., Odhner 1913; see also Grieg 1933b)
Ampullina Lamarck (G.O. Sars, 1878) (See *Bulbus*)
Bulbus Brown, 1839
 (Type: *Bulbus smithii* Brown; Fossil?) (Cf. Abbott 1974, p. 156)
 N) *B. smithii* (Brown, 1839) (S to 68 degr., Odhner 1913)
 (= *Acrybia flava* (Gould, 1840)) (G.O. Sars 1878)
 (= *Ampullina smithii* (Brown, 1839))
Lunatia J.E. Gray, 1847
 (Type: *Natica ampullaria* Lamarck; Europe)
 (= *Natica* Scopoli, 1777 (in part)) (Cf. Winckworth 1932)
 (= *Polinices* Montfort, 1810)
 S) *L. alderi* (Forbes, 1838) (N to 68 degr., G.O. Sars 1868)
 (= *L. intermedia* (Philippi, 1836)) (G.O. Sars 1878)
 (= *L. nitida* auct., not (Donovan 1800))
 *No) *L. catena* (da Costa, 1778) (Scottish North Sea Coast, McKay & Smith 1979; northern North Sea, NW Kattegat and Skagerrak, Fretter & Graham 1981) (= *L. ampullaria* (Lamarck, 1822)) (Cf. Dautzenberg & Fischer 1912)
 *No) *L. fusca* (Blainville, 1825) (Scottish North Sea Coast, McKay & Smith 1979; some records from the northern parts of the North Sea, Fretter & Graham 1981)
 (= *L. sordida* (Philippi, 1836))
 C) *L. montagui* (Forbes, 1838) (Whole coast, Odhner 1913; see also Sparre Schneider 1893, p. 16) (East Finnmark, Odhner 1913)
 N) *L. nana* (Møller, 1842) (Whole coast, Odhner 1913)
 C) *L. pallida* (Broderip & G.B. Sowerby I, 1829) (Whole coast, Odhner 1913) (= *L. groenlandica* (Møller, 1842)) (G.O. Sars 1878)
Natica Scopoli, 1777
 (Type: *Nerita viellus* Linné, 1758; Indo-Pacific) (Cf. Abbott 1974)
 *Ab) *N. balhybii* Friele, 1879 (Norwegian Sea basin, Bouchet & Warén 1979)
 C) *N. elausa* Broderip & G.B. Sowerby I, 1829 (Whole coast, Odhner 1913) (= *N. affinis* (Gmelin, 1791)) (G.O. Sars 1878)
Natica -2- (See *Lunatia*)
Polinices Montfort, 1810 (See *Lunatia*)
 532 HETEROGASTROPODA (Cf. Fretter & Graham 1982)
 5320 CERITHIOPSACEA
 53200 CERITHIOPSIDAE H. & A. Adams, 1853
Cerithiopsis Forbes & Hanley, 1851
 (Type: *Murex tubercularis* Montagu; Britain)
 W) *C. barleei* Jeffreys, 1867 (60 degr., Høisæter unpublished; see also Hubendick & Warén 1976)
 S) *C. tubercularis* (Montagu, 1803) (N to 60.5 degr., G.O. Sars 1878 and Høisæter unpublished)
Cerithiopsis -2- (See *Eumetula*)
Cerithium Bruguière, 1789 (See *Chasteria*)
Chasteria Iredale, 1915
 (Type: *Cerithium danielsenii* (sic!) Friele; Norwegian Sea)
 N) *C. danielsseni* Friele, 1877 (Slope, S to 62.5 degr., Friele & Grieg 1901) (= *Cerithium procerum* Jeffreys, 1877 not Kiener, 1842) (Cf. Warén 1980a)
Eumetula Thiele, 1912
 (Type: *Cerithiopsisilla* (*Eumetula*) *dilecta* Thiele, 1912; Antarctic)

- S) *E. arctica* (Mørch, 1857)
(= *E. costulata* (Møller, 1842, not (Borson, 1825)))
(N to 70 degr., G. O. Sars 1878)
(Cf. Hubendick & Warén 1979; see also Iredale 1915)
(= *Laskeya arctica* (Mørch))
(= *Cerithiopsis costulata* (Møller))
(G. O. Sars 1878)
(See *Eumetula*)
Laskeya Iredale, 1918
- 53201 CERITHIELLIDAE Golikov & Starobogatov, 1975
- Cerithiella* Verrill, 1882
(Type: *Cerithium metula* Lovén; Norway)
(= *Lovenella* G. O. Sars, 1878 not Hicks, 1869)
(G. O. Sars 1878)
(Whole coast, G. O. Sars 1878)
- C) *C. metula* (Lovén, 1846)
- Laeocochlis* Dunker & Metzger, 1874
(Type: *Laeocochlis pommerianae* Dunker & Metzger, 1874; North Sea)
- N) *L. macandreae* (H. Adams, 1858)
(S to 58.5 degr., Friele & Grieg 1901)
(= *L. granosa* (S. Wood, 1848) not (Borson, 1825))
(G. O. Sars 1878)
- Laeocochlis* Dunker & Metzger, 1874
Lovenella G. O. Sars, 1878
(See *Laeocochlis*)
(See *Cerithiella*)
- 5321 TRIPHORACEA
- 53210 TRIPHORIDAE J. E. Gray, 1847
(Cf. Marshall 1980)
- Triphora* Deshayes, 1834
(See *Triphora*)
- Triphora* Blainville, 1828
(Type: *Murex perversus* Linné; Mediterranean)
- S) *T. adversa* (Montagu, 1803)
(N to Sognefj., G. O. Sars 1878, and Snelli 1979; see also Bouchet & Guillemot 1978)
- (= *T. perversa* auct., not (Linné, 1767)) (Cf. Fretter & Graham 1982, p. 380)
(= *Triforis perversa* (Linné))
(G. O. Sars 1878)
- ? *T. similior* Bouchet & Guillemot, 1978 (Western Norway, based on a radula-drawing by G. O. Sars (1878), Bouchet & Guillemot 1978)
- 5322 EPITONIACEA
- 53220 EPITONIIDAE Berry, 1910
(See *Epitonium*)
- Boreoscala* Kobelt, 1902
- Clathrus* Oken, 1815
(See *Epitonium*)
- Epitonium* Röding, 1798
(Type: *Turbo scalaris* Linné, 1758; Indo-Pacific)
(= *Clathrus* Oken, 1815)
(= *Scala* Bruguière, 1792)
(= *Scalardia* Lamarck, 1801)
(G. O. Sars 1878)
- S gen.: *Epitonium* s. str.
- S) *E. clathratulum* (Kannmacher, 1798) (60.5 degr., Hubendick & Warén 1976, empty shell(?))
- S) *E. clathrus* (Linné, 1758) (N to 60.5 degr., G. O. Sars 1878; see also Brøgger 1872, Friele 1874, and Norman 1879)
(= *E. communis* (Lamarck, 1819))
(G. O. Sars 1878)
- S) *E. turtonis* (Turton, 1819) (N to 60.5 degr., G. O. Sars 1878; see also Friele 1874)
- S) *E. trevelyanum* (Johnston, 1841 ex Leach MS) (N to 60.5 degr., G. O. Sars 1878; see also Jeffreys 1870, Brøgger 1872, Friele 1874, and Norman 1879)
- S gen.: *Boreoscala* Kobelt, 1902
(Type: *Turbo clathrus groenlandicus* Chemnitz, 1795; Greenland)
- C) *E. greenlandicum* (Perry, 1811)
(Whole coast, Friele & Grieg 1901; see also Friele 1874, Norman 1879 and 1893, Sparre Schneider 1886, and Hubendick & Warén 1976)
- Pseudacirsa* Kobelt, 1903
(Type: *Scalardia coarctata* (sic!) Jeffreys, 1884, North Norway)
- N) *P. coarctata* (Jeffreys, 1884) (East Finnmark, Sparre Schneider 1893, 1895)
(= *Scalardia obuscostata* S. Wood, 1842)
(G. O. Sars 1878)
- W) *P. sarsii* (Kobelt, 1905)
(62 degr., G. O. Sars 1878, p. 348)
(= *Scalardia varicosa* Lamarck, 1835)
(G. O. Sars 1878)
- Scala* Bruguière, 1792
(See *Epitonium*)
- Scalardia* Lamarck, 1801
(See *Epitonium*)
- Scalardia* -2-
(See *Pseudacirsa*)
- 53221 ACLIDIDAE G. O. Sars, 1878 (Cf. Boss 1982)
- Aclis* Lovén, 1846
(Type: *Alvania supranitida* S. Wood; Tertiary fossil)
- S) *A. ascaris* (Turton, 1819)
(58-60.5 degr.?, G. O. Sars 1878)
- S) *A. minor* (Brown, 1827)
(N to 60.5 degr., G. O. Sars 1878)
(= *A. supranitida* (S. Wood, 1842))
(G. O. Sars 1878)

- S) *A. sarsi* Dautzenberg & Fischer, 1912 (N to 69 degr., G.O. Sars 1878; see also Friele & Grieg 1901)
 (= *A. walleri* var. *sarsi* Dautzenberg & Fischer)
 (= *A. walleri* auct., not Jeffreys, 1867) (G.O. Sars 1878)
 W) *A. walleri* (Jeffreys, 1867) (68–69 degr., G.O. Sars 1878)
 (= *A. exigua* G.O. Sars, 1878) (G.O. Sars 1878)
- Aclis* -2- (See *Graphis*)
Aclis -3- (See *Hemiactis*)
- Cima* Chaster, 1898
 (Type: *Odosstomia minima* Jeffreys; Britain)
 W) *C. minima* (Jeffreys, 1858) (60–60.5 degr., Høisæter unpublished)
- Hemiactis* G.O. Sars, 1878
 (Type: *Aclis ventrosa* Friele; northern Norway)
 (= *Aclis* Lovén, 1846, in part)
- N) *H. glabra* G.O. Sars, 1878 (S to 60 degr., Friele & Grieg 1901)
 (See however Fretter & Graham 1982, p. 410)
- N) *H. ventrosa* (Friele, 1876 ex Jeffreys MS) (S to 60 degr., Friele & Grieg 1901; see also G.O. Sars 1878)
- Graphis* Jeffreys, 1867
 (Type: *Turbo unicus* Montagu; Britain)
 W) *G. albida* (Kannmacher, 1798)
 (= *Aclis unicus* (Montagu, 1803))
- Pherusina* Chaster, 1898
 (Type: *Chemnitzia gulsonae* Clark; Shetland)
 *No) *P. gulsonae* (Clark, 1850) (Shetland, Fretter & Graham 1982)
- 5323 EULIMACEA
- 53230 EULIMIDAE H. & A. Adams, 1853
 (Cf. Warén 1980b)
- Balcis* Leach, 1847 (See *Melanella*)
Balcis -2- (See *Polygireulima*)
Balcis -3- (See *Vitreolina*)
- Crinolamia* Bouchet & Warén, 1979
 (Type: *Crinolamia dahli* Bouchet & Warén; Norwegian Sea)
 *Ab) *C. dahli* Bouchet & Warén, 1979 (Norwegian Sea basin, Bouchet & Warén 1979)
- Eulima* Risso, 1826
 (Type: *Turbo subulatus* Donovan; Britain)
 S) *E. bilineata* Alder, 1848 (N to 70.5 degr., G.O. Sars 1878)
 (= *E. trifasciata* auct., not J. Adams, 1800)
 *No) *E. glabra* (da Costa, 1778) (Scottish North Sea Coast, McKay & Smith 1979)
 (= *E. subulata* Donovan, 1802)
- Eulima* -2- (See *Haliella*)
Eulima -3- (See *Melanella*)
Eulima -4- (See *Polygireulima*)
Eulima -5- (See *Vitreolina*)
- Haliella* Monterosato, 1878
 (Type: *Eulima stenostoma* Jeffreys; Shetland)
 N) *H. martynjordani* (Jordan, 1895) (Slope, 69.5 degr., Hubendick & Warén 1976, and Høisæter unpublished)
 S) *H. stenostoma* (Jeffreys, 1858) (N to 68 degr., G.O. Sars 1878)
 (= *Eulima stenostoma* Jeffreys, 1858) (G.O. Sars 1878)
- Melanella* Bowdich, 1822
 (Type: *Melanella dufrenoyi* Bowdich, 1822; ?)
 (= *Balcis* Leach, 1847, in part)
 W) *M. alba* (da Costa, 1778) (60–61.5 degr., Nordgård 1913; see also Friele 1874)
 (= *Eulima polita* auct., not (Linné, 1758)) (G.O. Sars 1878)
 W) *M. curta* (Warén, 1972) (60 degr. and Trondheimsfj., Warén 1972b)
 S) *M. frielei* (Jordan, 1895) (N to 62 degr., Friele & Grieg 1901)
 W) *M. lauræ* (Friele, 1886) (69.5 degr., Friele & Grieg 1901)
 S) *M. lubrica* (Monterosato, 1891) (N to 70.5 degr., G.O. Sars 1878)
 (= *Eulima intermedia* auct., not (Cantraine, 1835)) (G.O. Sars 1878)
 T) *M. platyacme* (Sykes, 1903) (Trondheimsfj., Hubendick & Warén 1976)
 (= *Eulima solida* Jeffreys, 1884)
- Pelseneria* Köhler & Vancy, 1908
 (Type: *Pelseneria profunda* Köhler & Vancy, 1908; North Atlantic)
 S) *P. stylifera* (Turton, 1826) (Oslofj. and 60 degr., G.O. Sars 1878; see also Friele 1874)
 (= *Stylifer turtoni* Broderip, 1832)
 (= *Stylifer turtoni* Broderip, 1832)
Stylifer Broderip, 1832
Stylifer Broderip, 1832
- Polygireulima* Sacco, 1892
 (Type: *Eulima intermedia* Cantraine 1835?; ?)
 (= *Eulima intermedia* Cantraine 1835?; ?)

- S) *P. macrophthalmica* (Warén, 1972) (N to 68 degr., Warén 1972a)
 S) *P. monterosatoi* (Monterosato, 1890) (N to 60 degr.?, Hubendick & Warén 1976)
 (= *Eulima gracilis* Forbes & Hanley, 1853)
 S) *P. sinuosa* (Scacchi, 1836) (N to 60 degr.?, Hubendick & Warén 1976)
- Vitreolina** Monterosato, 1884
 (Type: *Eulima incurva* Renieri, 1804; Mediterranean)
- S) *V. philippii* (Rayneval & Ponzi, 1854) (N to 68 degr., G.O. Sars 1878)
 (= *Balcis devians* (Monterosato, 1884))
 (= *Eulima distorta* auct., not (Defrance, 1824)) (G.O. Sars 1878)
 (= *Eulima incurva* auct., not (Renieri, 1804))
- 53231 ENTICONCHIDAE Fischer, 1883 (Cf. Lützen 1968)
- Enteroxenos** Bonnevie, 1902
 (Type: *Enteroxenos oestergreni* Bonnevie; Norway)
- S) *E. oestergreni* Bonnevie, 1902 (N to 70.5 degr., Lützen 1979)
- 533 NEOGASTROPODA (= STENOGLLOSSA)
 (Cf. Boss 1982)
- 5330 MURICACEA (Cf. Ponder 1973)
- 53300 MURICIDAE Rafinesque, 1815
- Boreotrophon* P. Fischer, 1884 (See *Trophonopsis*)
- Nucella** Röding, 1798
 (Type: *Nucella theobroma* Röding, 1798; ?)
- C) *N. lapillus* (Linné, 1758) (Cf. Rehder 1962)
 (= *N. theobroma* Röding?) (Whole coast, G.O. Sars 1878)
 (= *Polytropia lapillus* (Linné)) (G.O. Sars 1878)
 (= *Purpura lapillus* (Linné))
 (= *Thais lapillus* (Linné))
- Ocenebra** Leach, 1847
 (Type: *Murex erinaceus* Montagu, 1803; Britain)
- *No) *O. erinacea* (Linné, 1758) (Scottish North Sea Coast, McKay & Smith 1979; Kattgat, Ankel 1936)
- Polytropia* G.O. Sars, 1878 (See *Nucella*)
Purpura Bolten, 1798 (See *Nucella*)
- Thais* Röding, 1798 (See *Nucella*)
Trophon Montfort, 1810 (See *Trophonopsis*)
- Trophonopsis** Buequoy, Dautzenberg & Dollfus, 1882 (Cf. McKay & Smith 1979)
 (Type: *Murex muricatus* Montagu, 1803; Britain)
 (= *Trophon* Montfort, 1810, in part)
 (= *Boreotrophon* P. Fischer, 1884)
- S) *T. barvicensis* (Johnston, 1825) (N to 71 degr., Friele & Grieg 1901)
 C) *T. clathratus* (Linné, 1767) (Whole coast, G.O. Sars 1878)
 (= *T. gunneri* (Lovén, 1846))
 W) *T. clavatus* G.O. Sars, 1878 (62–68 degr.?, G.O. Sars 1878; 70 degr., and Barents Sea, Friele & Grieg 1901)
 ?N) *T. fabricii* (Møller, 1842) (A record from Finnmark by McAndrew & Barrett doubtful according to G.O. Sars 1878)
 (= *T. craticulatus* (Fabricius, 1780) nom. nud.) (G.O. Sars 1878)
 C) *T. truncatus* (Ström, 1767) (Whole coast, G.O. Sars 1878)
- 53301 COLUMBELLIDAE Swainson, 1840
- Anachis** H. & A. Adams, 1853
 (Type: *Columbella scalarina* G.B. Sowerby I, 1832; western Mexico)
- W) *A. haliaeti* (Jeffreys, 1867) (68 degr., G.O. Sars 1878; slope, 62.5–70 degr., Friele & Grieg 1901)
 (= *Pyrene haliaeti* (Jeffreys)) (G.O. Sars 1878)
 (= *Pyrene costulata* auct., not (Cantraine, 1835)) (G.O. Sars 1878)
- Asturis* Friele & Grieg, 1901 (See *Astynis*)
- Astynis** H. & A. Adams, 1853
 (Type: *Buccinum rosaceum* Gould; Massachusetts)
- N) *A. rosacea* (Gould, 1840) (S to 61 degr., G.O. Sars 1878, and Friele & Grieg 1901; Sognefj., Snell 1979)
 (= *Pyrene rosacea* (Gould, 1840)) (G.O. Sars 1878)
 (= *Asturis rosacea* (Gould))
- Pyrene* Röding, 1798 (See *Anachis*)
Pyrene –2– (See *Astynis*)
- 53302 BUCCINIDAE Rafinesque, 1815
- Anomalisipho* Dautzenberg & Fischer, 1912 (See *Colus*)

- Beringius** Dall, 1886
(Type: *Chrysodomus crebricostatus* Dall, 1877; Alaska)
(= *Chrysodomus* auct.) (G.O. Sars 1878)
(= *Jumula* Friele, 1882)
(= *Ukko* Norman, 1893)
- N) ***B. ossiani*** (Friele, 1879) (Slope, S to 66 degr., Friele & Grieg 1901; see also Norman 1893)
- N) ***B. turtoni*** (Bean, 1834) (S to 60 degr., Schlesch 1926; see also Norman 1893, and Friele & Grieg 1901)
- Buccinopsis** Jeffreys, 1867
- Buccinum** Linné, 1758
(Type: *Buccinum undatum* Linné; Europe?)
- N) ***B. conoideum*** G.O. Sars, 1878
Sparre Schneider 1886, p. 41)
- N) ***B. cyaneum*** Bruguière, 1792
1886; see also Friele & Grieg 1901, and Dautzenberg & Fischer 1912)
(= *B. groenlandicum* Chemnitz, 1788)
(Cf. Hubendick & Warén 1976)
- N) ***B. finmarchianum*** Verkrüzen, 1875 (S to 69.5 degr., Sparre Schneider 1886; see also G.O. Sars 1878, and Friele & Grieg 1901)
- W) ***B. humphreysianum*** Bennett, 1824 (60–71 degr., Friele & Grieg 1901; see also G.O. Sars 1878)
- (= *B. fusiforme* Kiener, 1834 not Borson, 1822)
- N) ***B. hydrophanum*** Hancock, 1846 (East Finnmark, slope S to 62 degr. and Trondheimsfj., Nordgaard 1918)
- N) ***B. nivale*** Friele, 1882
(Slope, 68 degr., Friele & Grieg 1901)
- N) ***B. parvulum*** Verkrüzen, 1875
(East Finnmark, G.O. Sars 1878, but see Odhner 1915, p. 180)
- N) ***B. pulchellum*** G.O. Sars, 1878
(East Finnmark, G.O. Sars 1878)
- N) ***B. scalariforme*** Möller, 1842
(= *B. tenue* J.E. Gray, 1839 not Schröter, 1805)
(S to 70 degr., Odhner 1915)
- N) ***B. sulcatum*** Friele, 1882
(Slope, 69.5 degr., Friele & Grieg 1901)
- N) ***B. tumidulum*** G.O. Sars, 1878
(East Finnmark, G.O. Sars 1878)
- C) ***B. undatum*** Linné, 1758
(Whole coast, G.O. Sars 1878)
- (= *B. zetlandicum* Forbes, 1835)
(= *B. donovani* G.O. Sars, 1878, not J.E. Gray, 1839) (Cf. Sparre Schneider 1886, p. 38, and Dautzenberg & Fischer 1912)
- N) ***B. undulatum*** Möller, 1842
(East Finnmark, G.O. Sars 1878, and Friele & Grieg 1901; but see Odhner 1915, p. 180)
- (= *B. fragile* Verkrüzen, 1875) (G.O. Sars 1878)
- Chrysodomus* Swainson, 1840
- Colicryptus** Iredale, 1918 (See *Colus*)
- Colus** Röding, 1798
(Type: *Murex islandicus* Gmelin; Iceland?)
(= *Fusus* auct., not Helbling, 1779)
(= *Sipho* Bruguière, 1792) (G.O. Sars 1878)
- S gen.: *Colus* s.str.
- N) ***C. glaber*** (Kobelt, 1876 ex Verkrüzen MS) (S to 58 degr., G.O. Sars 1878 and Dautzenberg & Fischer 1912; see however Friele & Grieg 1901)
- W) ***C. gracilis*** (da Costa, 1778)
(60–63 degr., G.O. Sars 1878)
(= *Sipho propinquus* (Alder, 1848) in part)
- N) ***C. islandicus*** (Gmelin, 1791)
(S to 58 degr., Friele & Grieg 1901 and Dautzenberg & Fischer 1912)
- C) ***C. turgidulus*** (Friele, 1877 ex Jeffreys MS)
(Slope along whole coast, Friele & Grieg 1901; see also Dautzenberg & Fischer 1912)
- N) ***C. virgata*** (Friele, 1879)
(Slope, S to 65 degr., Friele & Grieg 1901)
- S gen.: *Siphonorbis* Mörch, 1869
(Type: *Fusus ebur* Mörch, Greenland)
- C) ***C. ebur*** (Mörch, 1869)
(Whole coast, Friele & Grieg 1901; and Dautzenberg & Fischer 1912)
- S) ***C. howsei*** (Marshall, 1911)
(= *Sipho propinquus* (Alder, 1848) in part)
(= *Fusus gracilis* var. *howsei* (Marshall)) (G.O. Sars 1878)
- *No) ***C. jeffreysianus*** (Fischer, 1868) (Scottish North Sea Coast, McKay & Smith 1979)
- N) ***C. sarsii*** (Jeffreys, 1869)
(S to 60 degr., G.O. Sars 1878)
- *Ar) ***C. togatus*** (Mörch, 1869)
(Barents Sea, Odhner 1915)
(= *C. curtus* (Friele 1882) not (Jeffreys, 1867))
- S gen.: *Colicryptus* Iredale, 1918
(Type: *Buccinum fusiforme* Broderip; Britain)
- N) ***C. fenestratus*** (Turton, 1834)
(S to 60 degr., Friele & Grieg 1901)
- (= *C. fusiformis* (Broderip, 1835) not (Kiener, 1834)) (G.O. Sars 1878)
- S gen.: *Plicifusus* Dall, 1902
(Type: *Fusus kroeyeri* Möller, 1842; Greenland)
- N) ***C. latericeus*** (Möller, 1842)
(S to 69.5 degr., Friele & Grieg 1901; see also G.O. Sars 1878, and Sparre Schneider 1886)
- S gen.: *Turrisipho* Dautzenberg & Fischer, 1912
(Type: *Fusus lachesis* Mörch; Greenland)

- N) *C. dalli* (Friele, 1882)
(East Finnmark, Friele & Grieg 1901;
58 degr., Dautzenberg & Fischer 1912)
- N) *C. lachesis* (Mørch, 1869)
(Slope, S to 62 degr., Friele & Grieg 1901)
- N) *C. tortuosus* (Reeve, 1855)
(S to 61 degr., Friele & Grieg 1901;
see also G.O. Sars 1878)
- (= *C. turritus* (M. Sars, 1858) nom.nud.)
- *Ar) *C. undulatus* (Friele, 1882)
(Barents Sea, Friele & Grieg 1901)
- S.gen.: *Anomalisipho* Dautzenberg & Fischer, 1912
(Type: *Sipho verkruzei* Kobelt; northern Norway)
- N) *C. verkruzei* (Kobelt, 1876)
(71 degr., Kobelt 1876)
- (= *C. dautzenbergi* (Dall, 1902))
- Fusus* Helbling, 1779
- Jumala* Friele, 1882
- Liomesus* Stimpson, 1865
(Type: *Buccinum dalei* J. Sowerby, Ireland?)
(= *Buccinopsis* Jeffreys, 1867)
- W) *L. eburneum* (G.O. Sars, 1878 ex M. Sars MS)
(62–68 degr., G.O. Sars 1878)
(G.O. Sars 1878)
- S) *L. ovum* (Turton, 1825)
(N to 62 degr.?)
- (= *L. dalei* (J. Sowerby, 1825))
- Mohnia* Friele, 1879
(Type: *Fusus mohni* Friele; Norwegian Sea)
(Cf. Bouchet & Warén 1979)
- *Ab) *M. mohni* (Friele, 1877)
(Norwegian Sea basin, Bouchet & Warén 1979)
- Neptunea* Röding, 1798
(Type: *Murex antiquus* Linné; Europe?)
- S) *N. antiqua* (Linné, 1758) (N to 60 degr., G.O. Sars 1878; see also
Hubendick & Warén 1976, and Pearce & Thorson 1967)
- N) *N. despecta* (Linné, 1758)
(S to 62 degr., Oslofj.?, G.O. Sars 1878;
Skagerrak, Hubendick & Warén 1976; see also Grieg 1933b)
- Plicifusus* Dall, 1902
- Sipho* Bruguière, 1792
- Siphonorbis* Mørch, 1869
- Tacita* Lus, 1971
(Type: *T. holosericea* Lus, 1971; Kurile-Kamchatka Trench)
- *Ab) *T. danielsseni* (Friele, 1879)
(Norwegian Sea basin, Bouchet & Warén 1979)
- (= *Neptunea* (*Siphonorbis*) *danielsseni* Friele)
- Turrisipho* Dautzenberg & Fischer, 1912
- Ukko* Norman, 1893
- Volutopsis* G.O. Sars, 1878
- Volutopsis* Mørch, 1857
(Type: *Fusus largillierii* Petit, 1851; New Foundland)
- (= *Volutopsis* G.O. Sars, 1878)
- N) *V. norwegicus* (Gmelin, 1791)
(S to 65 degr., Nordgård 1928a;
see also Dautzenberg & Fischer 1912)
- 53303 NASSARIIDAE Iredale, 1916
- Hima* Leach, 1852
- Hinia* J.E. Gray, 1847 ex Leach MS
(Type: *Buccinum reticulatum* Linné; Europe)
- (= *Hima* Leach, 1852)
- (= *Nassa* auct., not Lamarck, 1799)
- (= *Nassarius* Duméril, 1806)
- S) *H. incrassata* (Ström, 1768) (N to 70.5 degr., G.O. Sars 1878, but see Sparre
Schneider 1895)
- S) *H. pygmaea* (Lamarck, 1822)
(N to 61 degr., G.O. Sars 1878)
- S) *H. reticulata* (Linné, 1758)
(N to 61 degr., G.O. Sars 1878)
- Nassa* Lamarck, 1799
- Nassarius* Duméril, 1806
- (See *Hinia*)
- (See *Hinia*)
- 53304 FASCIOLARIIDAE J.E. Gray, 1853
- Boreofusus* G.O. Sars, 1878
(See *Troschelia*)
- Buccinofusus* Conrad, 1866
(See *Troschelia*)
- Troschelia* Mørch, 1876
(Type: *Fusus bernicensis* King; Britain)
- (= *Boreofusus* G.O. Sars, 1878)
- (= *Buccinofusus* Conrad, 1866)
- N) *T. bernicensis* (King, 1846)
(S to 60 degr., G.O. Sars 1878)
- 53305 VASIDAE H. & A. Adams, 1853
- Metzgeria* Norman, 1879
(Type: *Lairus albus* Jeffreys; North Atlantic)
- (= *Meyeria* Dunker & Metzger, 1878 not M'Coy, 1849) (G.O. Sars 1878)

- N) *M. albelia* (Dunker & Metzger, 1874) (S to 58 degr., Friele & Grieg 1901)
 (= *M. pusilla* (G.O. Sars, 1878 ex M. Sars MS))
 (= *M. alba* (Jeffreys, 1873))
 Meyeria Dunker & Metzger, 1878 (See Metzgeria)
- 53306 Volutomitridae Thiele, 1929
Volutmitra Friele & Grieg, 1901 (See *Volutomitra*)
- Volutomitra* H. & A. Adams, 1853
 (Type: *Mitra groenlandica* Møller; Greenland)
- N) *V. groenlandica* (Møller, 1842 ex Beck MS) (Slope, S to 62 degr., Friele & Grieg 1901)
 (= *Volutmitra groenlandica* (Møller))
- 5331 CANCELLARIACEA
- 53310 CANCELLARIIDAE J.E. Gray, 1853
Admete Krøyer, 1842
 (Type: *Cancellaria couchouyi* Jay, 1839, western North Atlantic)
- N) *A. contabulata* Friele, 1879 (Slope, S to 66 degr., Friele & Grieg 1901)
 N) *A. inflata* Friele, 1879 (Slope, S to 69.5 degr., Friele & Grieg 1901)
 C) *A. viridula* (Fabricius, 1780) (Whole coast, G.O. Sars 1878)
- 5332 CONACEA
- 53320 TURRIDAE H. & A. Adams, 1853
Bela J.E. Gray, 1847 (See *Oenopota*)
Bela -2- (See *Mangelia*)
Cenodagreautes E.H. Smith, 1967 (See *Philbertia*)
Clathurella Carpenter, 1857 (See *Philbertia*)
- Comarmondia* Monterosato, 1884
 (Type: *Murex gracilis* Montagu; Britain)
- *No) *C. gracilis* (Montagu, 1803) (Scottish North Sea Coast, McKay & Smith 1979)
 (= *Philbertia gracilis* (Montagu))
- Cythereella* Monterosato, 1875 (See *Mangelia*)
Drillia J.E. Gray, 1838 (See *Spirotropis*)
- Haedrolepura* Bucquoy, Dautzenberg & Dollfus, 1883
 (Type: *Murex septangulatus* Montagu; Britain)
 ?) *H. septangulatus* (Montagu, 1803) (Possibly Bergen, Ankel 1936; see also Jeffreys 1867)
- Haedrolepura* -2- (See *Oenopota*)
Lora Gistel, 1848 (See *Oenopota*)
- Mangelia* Risso, 1826
 (Type: *Mangelia striolata* Risso, 1826; Mediterranean)
 (Cf. Bouchet & Warén 1980)
- S) *M. attenuata* (Montagu, 1803) (N to 61 degr., G.O. Sars 1878)
 S) *M. brachystoma* (Philippi, 1844) (N to 61 degr., G.O. Sars 1878)
 S) *M. coarctata* (Forbes, 1840) (N to 61 degr., G.O. Sars 1878)
 (= *M. costata* (Donovan, 1803) not (Pennant, 1777)) (G.O. Sars 1878)
 (= *Cythereella coarctata* (Forbes))
- S) *M. costulata* (Risso, 1826) (N to 61 degr., G.O. Sars 1878)
 (= *M. striolata* (Scacchi, 1836)) (G.O. Sars 1878)
 (= *Cythereella smithi* (Forbes, 1840)) (Cf. McKay & Smith 1979)
- W) *M. nebula* (Montagu, 1803) (60 degr., G.O. Sars 1878; see also Norman 1879, and Hubendick & Warén 1976)
 (= *Bela nebula* (Montagu, 1803)) (Cf. McKay & Smith 1979)
- Nepotilla* Hedley, 1918
 (Type: *Daphnella bathentoma* Verco, 1909; Australia)
 (Cf. Bouchet & Warén 1980)
- N) *N. amoena* (G.O. Sars, 1878) (S to 69.5 degr., Friele & Grieg 1901)
 (= *Raphitoma amoena* G.O. Sars)
- Oenopota* Mørch, 1852
 (Cf. Bouchet & Warén 1980, and Stokland 1981)
 (Type: *Fusus pleurotomarius* Couthouy, 1838; New England)
 (= *Bela* auct., not Gray, 1847) (Cf. Bouchet & Warén 1980)
 (= *Lora* auct., not Gistel, 1848) (G.O. Sars 1878)
- S. gen.: *Oenopota* s. str.
- C) *O. cancellata* (Mighels & Adams, 1842) (Whole coast, G.O. Sars 1878)
 (= *O. cinerea* (Møller, 1842))
 (= *O. elegans* (Møller, 1842)) (Cf. Stokland 1981)
- N) *O. decussata* (Couthouy, 1839) (S to 60 degr., G.O. Sars 1878 and Bouchet & Warén 1980)
 (= *O. tenuicostata* (G.O. Sars, 1878 ex M. Sars MS) (G.O. Sars 1878)
 (Cf. Stokland 1981, and Abbott 1974)
 (= *O. conoidea* (G.O. Sars 1878))

- N) *O. obliqua* (G. O. Sars, 1878) (S to 67 degr., G. O. Sars 1878)
 *Ab) *O. ovalis* (Friele, 1877) (Norwegian Sea basin, Bouchet & Warén 1979)
 N) *O. pingeli* (Møller, 1842 ex Beck MS) (S to 70.5 degr., G. O. Sars 1878)
 N) *O. pyramidalis* (Ström, 1768) (S to 68 degr., G. O. Sars 1878, and Friele & Grieg 1901)
 ?N) *O. rubescens* (Jeffreys, 1876) (East Finnmark, Leche 1878)
 (= *Pleurotoma plicifera* (S. Wood, 1848)) (Cf. Stokland 1981)
 N) *O. simplex* (Middendorff, 1849) (East Finnmark, G. O. Sars 1878)
 (= *O. gigas* (Verkrüzen, 1875))
 (= *O. gigantea* (Dautzenberg & Fischer, 1912))
 C) *O. violacea* (Mighels & Adams, 1842) (Whole coast, G. O. Sars 1878 and Friele & Grieg 1901)
 (= *O. bicarinata* (Couthouy, 1839) not (W. Wood, 1828)) (Cf. Bouchet & Warén 1980)
 S. gen.: *Propebela* Iredale, 1918
 (Type: *Murex turricula* Montagu; Britain)
 *Ab) *O. abyssicola* (Friele, 1886) (Lower slope, S to 66.5 degr., Friele & Grieg 1901)
 (= *O. scalaris* var. *abyssicola* (Friele))
 N) *O. assimilis* (G. O. Sars, 1878) (S to 68 degr., G. O. Sars 1878; 65.5 degr., Dautzenberg & Fischer 1912)
 (= *O. regulata* var. *assimilis* (G. O. Sars, 1878))
 C) *O. bergensis* (Friele, 1886) (Whole coast, G. O. Sars 1878)
 (= *O. regulata* (Troschel, 1866; sensu G. O. Sars, 1878))
 N) *O. exarata* (Møller, 1842) (S to 69.5 degr., Friele & Grieg 1901)
 N) *O. harpularia* (Couthouy, 1839) (S to 63 degr., Friele & Grieg 1901)
 (= *O. rosea* (Loven, 1846))
 N) *O. impressa* (Mørch, 1869 ex Beck MS) (S to 69.5 degr., Friele & Grieg 1901)
 (= *O. sarsi* (Verrill, 1880))
 (= *O. cancellata* (G. O. Sars, 1878) not (Mighels & Adams, 1842))
 (= *O. kobelti* (Verkrüzen, 1876))
 ?) *O. koreni* (Friele, 1886) (Doubtful cf. Stokland 1981, p. 191)
 N) *O. nobilis* (Møller, 1842) (S to 68 degr., Friele & Grieg 1901)
 (= *O. scalaris* (Møller, 1842)) (Cf. Stokland 1981)
 *No) *O. rufa* (Montagu, 1803) (Scottish North Sea Coast, McKay & Smith 1979)
 (= *Haedropleura rufa* (Montagu)) (Cf. Stokland 1981)
 N) *O. scalaroides* (G. O. Sars, 1878) (S to 70.5 degr., Friele & Grieg 1901; see also G. O. Sars 1878)
 C) *O. trevelliiana* (Turton, 1834) (Whole coast, Friele & Grieg 1901)
 (= *O. reticulata* (Brown, 1827)) (Cf. Bouchet & Warén 1980)
 ?) *O. turricula* (Montagu, 1803) (Probably not in Norwegian waters; cf. Stokland 1981)
- Philbertia** Monterosato, 1884
 (Type: *Pleurotoma philberti* Michaud, 1830; Mediterranean)
 (Cf. Powell 1966, pp. 116 and 134)
 (= *Clathurella* auct., not Carpenter, 1857) (G. O. Sars 1878)
 W) *P. asperrima* (Brown, 1827) (60–60.5 degr., G. O. Sars 1878)
 (= *P. reticulata* (Renieri, 1804)) (G. O. Sars 1878)
 S) *P. leufroyi* (Michaud, 1828) (N to 61 degr., G. O. Sars 1878)
 (= *P. leufroyi boothi* (Smith, 1839))
 (= ?*Cenodagreutes aethus* E. H. Smith, 1967) (Cf. G. O. Sars 1878, p. 348)
 S) *P. linearis* (Montagu, 1803) (N to 70.5 degr., G. O. Sars 1878)
 (= ?*Cenodagreutes coccynus* E. H. Smith, 1967) (Cf. G. O. Sars 1878, p. 348)
 W) *P. purpurea* (Montagu, 1803) (60–60.5 degr., G. O. Sars 1878)
Philbertia –2– (See *Comarmondia*)
Philbertia –3– (See *Teretia*)
Pleurotoma Lamarck, 1799 (See *Oenopota*)
- Pleurotomella** Verrill, 1872
 (Type: *P. packardii* Verrill; New England)
 *Ab) *P. packardii* Verrill, 1872 (Lower slope and Norwegian Sea basin, Bouchet & Warén 1979, and 1980)
Propebela Iredale, 1918 (See *Oenopota*)
Raphitoma Bellardi, 1847 (See *Nepotilla*)
Raphitoma –2– (See *Teretia*)
- Spirotropis** G. O. Sars, 1878
 (Type: *S. carinata* G. O. Sars, 1878 not Bivona, 1838; Norway)
 N) *S. monterosatoi* (Locard, 1897) (S to 59 degr., G. O. Sars 1878)
 (= *S. sarsi* Warén, 1975) (Cf. Bouchet & Warén 1980)
 (= *S. carinata* G. O. Sars, 1878 not (Bivona, 1838))
 (= *Drillia carinata* (G. O. Sars, 1878))
- Taranis** Jeffreys, 1870
 (Type: *Trophon moerchi* Malm; western Sweden)
 S) *T. borealis* Bouchet & Warén, 1980 (N to 61 degr., Bouchet & Warén 1980)
 (= *T. moerchi* (Malm, 1863)) (Whole coast, G. O. Sars 1878; see also Bouchet & Warén 1980)
 (= *T. cirrata* (Brugnone, 1862) not (Bellardi, 1848))

- Teretia* Norman, 1888
(Type: *Pleurotoma teres* Forbes; Aegean Sea) (Cf. Bouchet & Warén 1980)
- S) *T. teres* (Forbes in Reeve, 1844)
(= *Philbertia teres* (Forbes))
(= *T. anceps* (Eichwald, 1830))
(= *Raphitoma anceps* (Eichwald))
(Cf. Bouchet & Warén 1980)
(G.O. Sars, 1878)
- Thesbia* Jeffreys, 1867
(Type: *Tritonium nanum* Lovén; northern Norway)
- S) *T. nana* (Lovén, 1846)
and Barents Sea, Friele & Grieg 1901
(N to 70.5 degr., G.O. Sars 1878;
- Typhlomangelia* G.O. Sars, 1878
(Type: *Pleurotoma nivale* Lovén; Bergen, Norway)
- C) *T. nivalis* (Lovén, 1846)
(Whole coast, G.O. Sars 1878)
- 54 GASTROPODA OPISTHOBRANCHIA
- 540 PYRAMIDELLOMORPHA
- 5400 PYRAMIDELLACEA (= ENTOMOTAENIATA)
- 54000 PYRAMIDELLIDAE J.E. Gray, 1840
Auriculina J.E. Gray, 1847
(See *Menestho*)
Brachystomia Monterosato, 1884
(See *Odostomia*)
- Chrysallida* Carpenter, 1856
(Type: *Chemnitzia communis* C.B. Adams, 1852; Panama)
(Cf. Palmer 1958; but see Abbott 1974)
(= *Parthenia* Lowe, 1841)
(G.O. Sars 1878)
- S.gen.: *Partulida* Schaufuss, 1869
(Type: *Turbo spiralis* Montagu; Britain)
- C) *C. spiralis* (Montagu, 1803)
Finmark, Verkrüzen 1875)
(N to 70 degr., G.O. Sars 1878; East
- S.gen.: *Parthenina* Bucquoy, Dautzenberg & Dollfus, 1883
(Type: *Turbo interstinctus* Montagu; Britain)
- *No) *C. clathrata* (Jeffreys, 1848) (Scottish North Sea coast, McKay & Smith 1979)
*No) *C. decussata* (Montagu, 1803))
(Scottish North Sea coast, McKay & Smith 1979)
- C) *C. eximia* (Jeffreys, 1849) (Whole coast, G.O. Sars 1878, see also Friele & Grieg 1901)
- S) *C. indistincta* (Montagu, 1808) (60.5 degr., Friele 1874; Oslofj., M. Sars 1865, and Brøgger 1872)
(= *Turbonilla indistincta* (Montagu))
(G.O. Sars 1878)
- S) *C. obtusa* (Brown, 1827) (N to 69 degr., G.O. Sars 1878, and Høisæter unpublished)
(= *C. interstincta* (Montagu, 1803))
(G.O. Sars 1878)
- Ebala* J.E. Gray, 1847 ex Leach MS (Cf. McKay & Smith 1979)
(Type: *Turbo nitidissimus* Montagu; Britain)
- S) *E. nitidissima* (Montagu, 1803)
(N to 65 degr., Høisæter 1968a and unpublished)
(= *Eulimella nitidissima* (Montagu))
- Eulimella* Jeffreys, 1847
(Type: *Eulimella gracilis* Jeffreys; Britain)
(Cf. Winckworth 1932; but see Abbott 1974)
- W) *E. compactilis* (Jeffreys) G.O. Sars, 1878 (60–68 degr., G.O. Sars 1878, and Friele & Grieg 1901)
- (= *E. superflua* (Monterosato, 1875) sensu Nordieck, 1972)
- S) *E. gracilis* Jeffreys, 1847 (N to 71 degr., G.O. Sars 1878, and Friele & Grieg 1901)
- (= *E. ventricosa* (Forbes, 1843))
(G.O. Sars 1878)
- S) *E. laevis* (Brown, 1827) (N to 60.5 degr., G.O. Sars 1878, and Norman 1879)
(= *E. acicula* (Philippi, 1836))
(G.O. Sars 1878)
- S) *E. scillae* (Scacchi, 1835) (N to 71 degr., G.O. Sars 1878, Friele & Grieg 1901, and Norman 1879)
(= *E. macandrei* (Forbes, 1844)) (Cf. McKay & Smith 1979)
- Eulimella* –2–
(See *Ebala*)
- Evalea* A. Adams, 1860
(See *Menestho*)
- Liostomia* G.O. Sars, 1878
(See *Menestho*)
- Menestho* Möller, 1842
(Type: *Turbo albulus* Fabricius, 1780; Greenland)
- S.gen.: *Evalea* A. Adams, 1860
(Type: *Evalea elegans* A. Adams, 1860; Japan)
(= *Auriculina* J.E. Gray, 1847)
(= *Auriculina* J.E. Gray, 1847)
(70.5 degr., empty shells, G.O. Sars 1878)
- W) *M. coarctata* (G.O. Sars, 1878)
(60.5 degr., Friele 1874)
- W) *M. diaphana* (Jeffreys, 1848)
(= *Odostomia perezii* Dautzenberg & Fischer, 1925)
(Cf. Kristensen 1970, and Warén 1980a)

- S) *M. divisa* (J. Adams, 1797) (N to 70.5 degr., G.O. Sars 1878, and Friele & Grieg 1901)
 (= *M. insculpta* (Montagu, 1808)) (G.O. Sars 1878)
 *No) *M. doliiformis* (Jeffreys, 1848) (Scottish North Sea coast, McKay & Smith 1979)
- W) *M. normani* (Friele, 1886) (60.5–61.5 degr., Friele & Grieg 1901)
 (= *Toledonia normani* (Friele)) (Cf. Platts 1985)
 *No) *M. obliqua* (Alder, 1844) (Scottish North Sea coast, McKay & Smith 1979)
 S) *M. warreni* (Thompson, 1845) (Oslofj., Jeffreys 1870; A record by Friele from 60 degr., due to a mistake, Norman 1879; Shetland, Marshall 1900, p. 288)
- S gen.: *Liostomia* G.O. Sars, 1878
 (Type: *Turbonilla clavula* Lovén, 1846, western Sweden)
- S) *M. clavula* (Lovén, 1846) (N to 68 degr., G.O. Sars 1878)
 N) *M. eburnea* (Stimpson, 1851) (East Finnmark, G.O. Sars 1878)
 *No) *M. electa* (Jeffreys, 1883) (Northern North Sea, Jeffreys 1884, and Kobelt 1905)
 W) *M. nitida* (Friele, 1876 ex M. Sars MS) (60.5 degr., Friele 1876)
- Odostomia* Fleming, 1813
 (Type: *Turbo plicatus* Montagu; Britain)
- S gen.: *Odostomia* s.str.
- S) *O. acuta* Jeffreys, 1848 (N to 71 degr., G.O. Sars 1878, and Verkrüzen 1875)
 W) *O. albella* (Lovén, 1846) (60–60.5 degr., Friele 1874, and Norman 1879)
 S) *O. conoidea* (Brocchi, 1814) (N to 63.5 degr., G.O. Sars 1878, Norman 1879, and Høisæter unpublished)
- *No) *O. nivosa* (Montagu, 1803) (Scottish North Sea coast, McKay & Smith 1979)
 ?) *O. plicata* (Montagu, 1803) (A record by Friele from 60.5 degr., due to a mistake, Norman 1879; Another doubtful record from same area by M. Sars 1865; Scottish North Sea coast, McKay & Smith 1979)
- N) *O. subulstris* Friele, 1886 (Slope, S to 66 degr., Friele & Grieg 1901)
 N) *O. turgida* G.O. Sars, 1878 (S to 68 degr., empty shells, G.O. Sars 1878)
 C) *O. turrita* Hanley, 1844 (Whole coast, G.O. Sars 1878. Only empty shells found N of 68 degr.)
- ?) *O. umbilicaris* (Malm, 1863) (A record by Friele from 60.5 degr., due to a mistake, Norman 1879; Scottish North Sea coast, McKay & Smith 1979)
 C) *O. unidentata* (Montagu, 1803) (Whole coast, G.O. Sars 1878)
- S gen.: *Brachystomia* Monterosato, 1884
 (Type: *Odostomia rissoides* Hanley; Britain)
- W) *O. eulimoides* Hanley, 1844 (60–67.5 degr., G.O. Sars 1878)
 (= *O. pallida* (Montagu, 1803)) (G.O. Sars 1878)
 W) *O. lukisi* Jeffreys, 1858 (60–61.5 degr., Høisæter 1968a)
- S) *O. rissoides* Hanley, 1844 (N to Trondheimsfj., Norman 1879, and Høisæter unpublished)
 (= *O. scalaris* MacGillivray, 1843) (See *Chrysallida*)
Parthenia Lowe, 1841 (See *Chrysallida*)
Parthenina Bucquoy, Dautzenberg & Dollfus, 1883 (See *Chrysallida*)
Partulida Schaufuss, 1869 (See *Chrysallida*)
Pyrgiscus Philippi, 1841 (See *Turbonilla*)
Toledonia Dall, 1902 (See *Menesio*)
- Turbonilla* Risso, 1826
 (Type: *Turbonilla costata* Risso, 1826, Mediterranean) (Cf. Winckworth 1932)
- S gen.: *Turbonilla* s.str.
- *No) *T. elegantissima* (Montagu, 1803) (A record by Friele from 60.5 degr., due to a mistake, Norman 1879; Old, worn shells from Scottish North Sea coast, McKay & Smith 1979)
 (= *T. lactea* (Linné, 1767))
- S gen.: *Pyrgiscus* Philippi, 1841
 (Type: *Melania rufa* Philippi; Mediterranean)
- *No) *T. crenata* (Brown, 1827)) (Scottish North Sea coast, McKay & Smith 1979)
 S) *T. interrupta* (Totten, 1835) (N to 68 degr., G.O. Sars 1878)
 (= *T. fulvocincta* (Thompson, 1840)) (Cf. McKay & Smith 1979)
 (= *T. rufa* (Philippi, 1836)) (G.O. Sars 1878)
 S) *T. rufescens* (Forbes, 1846) (N to Trondheimsfj., McAndrew & Barrett 1856; see also Norman 1879)
 (= *T. scalaris* (Philippi, 1836)) (G.O. Sars 1878)
- Turbonilla* -2-
 CEPHALASPIDEA
 ACTEONACEA
 ACTEONIDAE Orbigny, 1835
 (See *Chrysallida*)
 Actaeon Oken, 1815 (See *Acteon*)
 Acteon Montfort, 1810 (Type: *Bulla tornatilis* Linné; Europe?)
 (= *Actaeon* Oken, 1815)
 S) *A. tornatilis* (Linné, 1758) (N to 70 degr., Soot-Ryen 1951)

- 5411 DIAPHANACEA
- 54110 DIAPHANIDAE Odhner, 1914
Amphisphyra Lovén, 1846
Amphisphyra -2-
Colobocephalus M. Sars, 1870
(Type: *Colobocephalus costellatus* M. Sars; Norway)
- S) *C. costellatus* M. Sars, 1870 (N to 59.5 degr., Odhner 1939)
- Colpodaspis* M. Sars, 1870
(Type: *Colpodaspis pusilla* M. Sars; Norway)
- S) *C. pusilla* M. Sars, 1870 (Oslofj., G.O. Sars 1878; I have been unable to trace the origin of a record by G.O. Sars from western Norway; according to Norman 1879, the species is one of a few occurring in Oslofj., but not in the Bergen area)
- Diaphana* Brown, 1827
(Type: *Diaphana candida* Brown; Britain)
- (= *Amphisphyra* Lovén, 1846)
- C) *D. minuta* Brown, 1827 (Whole coast, G.O. Sars 1878)
- (= *D. candida* Brown, 1827) (G.O. Sars 1878)
- (= *D. expansa* (Jeffreys, 1865)) (May be a good species, see Platts 1985)
- (= *D. globosa* (Lovén, 1846)) (G.O. Sars 1878)
- (= *D. hiemalis* (Couthouy, 1839)) (G.O. Sars 1878)
- (= *D. hyalina* Turton, 1834) (G.O. Sars 1878)
- *Ab) *D. lactea* (Jeffreys, 1877) (Norwegian Sea basin, Bouchet & Warén 1979)
- Philine* -2-
(See *Rhinodiaphana*)
- Rhinodiaphana* Lemche, 1967
(Type: *Amphisphyra ventricosa* Jeffreys; Scotland)
- W) *R. ventricosa* (Jeffreys, 1865) (60 & 68 degr., Lemche 1967; East Finnmark, Odhner 1922 (as *Philine velutinoides* G.O. Sars))
- (= *Amphisphyra ventricosa* Jeffreys, 1865)
- (= *Utriculus ventriosus* Jeffreys, 1867)
- (= *Philine velutinoides* G.O. Sars, 1878)
- Utriculus* -2-
(See *Rhinodiaphana*)
- 5412 BULLACEA
- 54120 ATYIDAE Thiele, 1926
- Cylichnium* Dall, 1908 (Cf. Boss 1982, but see Platts 1985)
(Type: *Utriculus domus* Dall, 1889; Caribbean, deep water)
- *Ab) *C. africanum* (Locard, 1897) (Southern Norwegian Sea basin, Bouchet & Warén 1979)
- 54121 RETUSIDAE Thiele, 1926
- Cylichnina* Monterosato, 1884 (See *Retusa*)
- Mamilloretusa* Nordstreck, 1972 (See *Retusa*)
- Pyrrunculus* Pilsbry, 1894
(Type: *Bulla (Ays) pyrriformis* A. Adams, 1855; China Sea)
- W) *P. ovata* (Jeffreys, 1870) (67-69 degr., Odhner 1907)
- (= *Retusa ovata* (Jeffreys)) (Cf. Bouchet 1975, and Platts 1985)
- (= *Retusa conula* (S. Wood, 1839)) (G.O. Sars 1878)
- Retusa* Brown, 1827
(Type: *Bulla obtusa* Montagu; Britain)
- (= *Utriculus* Brown, 1844 not Schumacher, 1817) (G.O. Sars 1878)
- S. gen.: *Retusa* s.str.
- C) *R. obtusa* (Montagu, 1803) (Whole coast, Odhner 1907)
- (= *R. alba* (Kannmacher, 1798)) (G.O. Sars 1878)
- (= *R. pertenuis* (Mighels, 1843)) (N to 70 degr., Odhner 1907)
- S) *R. truncatula* (Bruguière, 1792) (G.O. Sars 1878)
- (= *R. retusa* (Maton & Rackett, 1807)) (G.O. Sars 1878)
- (= *R. mamillata* (Philippi, 1836)) (Cf. Platts 1985)
- (= *Mamilloretusa mamillata* (Philippi))
- S. gen.: *Cylichnina* Monterosato, 1884
(Type: *Bulla umbilicata* Montagu; Britain)
- S) *R. umbilicata* (Montagu, 1803) (N to 70.5 degr., Odhner 1907)
- (= *R. strigella* (Lovén, 1846))
- (= *R. subcylindrica* (Brown, 1827))
- (= *R. niidula* (Lovén, 1846)) (G.O. Sars 1878)
- Retusa* -2-
(See *Pyrrunculus*)
- Rhizorius* Montfort, 1810 (See *Volvulella*)
- Utriculus* Brown, 1844 (See *Retusa*)
- Volvula* A. Adams, 1850 (See *Volvulella*)

- Volvulella* Newton, 1891 (Cf. Harry 1967)
(Type: *Bulla acuminata* Bruguière; Europe?)
(= *Volvula* A. Adams, 1850 not Gistel, 1848) (G.O. Sars 1878)
- S) *V. acuminata* (Bruguière, 1792) (N to 64 degr., Nordgård 1928b)
(= *Rhizorus acuminatus* (Bruguière))
- 5413 PHILINACEA
- 54130 PHILINIDAE J.E. Gray, 1850
- Hermania* Monterosato, 1884 (See *Philine*)
Laona A. Adams, 1865 (See *Philine*)
Ostania Monterosato, 1884 (See *Philine*)
- Philine* Ascanius, 1772 (Cf. Rudman 1972)
(Type: *Philine quadripartita* Ascanius; Sweden?)
- W) *P. angulata* Jeffreys, 1867 (62.5 degr., Odhner 1907)
(May be a synonym of *P. punctata*, see Platts 1985)
- S) *P. aperta* (Linné, 1767) (N to 67 degr., Odhner 1939)
(= *P. quadripartita* Ascanius, 1772)
- S) *P. catena* (Montagu, 1803) (N to 68 degr., Odhner 1907)
- S) *P. denticulata* (J. Adams, 1800) (N to 69.5 degr., Odhner 1907; see also Horikoshi 1967)
- (= *P. nitida* Jeffreys, 1867)
(= *P. sinuata* Stimpson, 1850)
- N) *P. finnarchica* M. Sars, 1858 (G.O. Sars 1878)
(S to 68 degr., and slope S to 62.5 degr., Odhner 1907)
(= *P. fragilis* G.O. Sars, 1878)
(= *P. cingulata* G.O. sars, 1878)
(= *P. ossiansarsi* Friele, 1877)
- S) *P. flexuosa* M. Sars, 1870 (Oslofj., Odhner 1907)
- S) *P. infortunata* Pilsbry, 1895 (Oslofj. and 68 degr., Odhner 1907)
(= *P. vitrea* (G.O. Sars, 1878 ex M. Sars MS))
- N) *P. lima* (Brown, 1827) (Oslofj., Odhner 1907)
(S to 69 degr., and slope S to 63 degr., Odhner 1907)
(N to 68 degr., Odhner 1907)
- S) *P. pruinosa* (Clark, 1827) (N to 62 degr., Odhner 1907)
(= *Laona pruinosa* (Clark))
- S) *P. punctata* (J. Adams, 1800) (N to 62 degr., Odhner 1907)
(= *P. alata* (Forbes, 1844))
(May be the same as *P. angulata* Jeffreys, see Platts 1985)
- C) *P. quadrata* (S. Wood, 1839) (Whole coast, Odhner 1939)
(= *P. quadrata scutulum* Lovén, 1846)
(= *Ossiania quadrata* (S. Wood))
- S) *P. scabra* (Müller, 1776) (N to 70.5 degr., Odhner 1907)
(= *P. loveni* Malm, 1855) (G.O. Sars 1878)
(= *Hermania scabra* (Malm))
- 54131 SCAPHANDRIDAE G.O. Sars, 1878
- Alys* Montfort, 1810 (See *Roxania*)
Bulla Linné, 1758 (See *Roxania*)
- Cylindna* Lovén, 1846 (Opinion 1030 of ICZN)
- C) *C. alba* (Brown, 1827) (Whole coast, Odhner 1907)
(= *C. alba corticata* (Møller, 1842))
- S) *C. cylindracea* (Pennant, 1777) (N to 68 degr., G.O. Sars 1878)
*Ab) *C. lemchei* Bouchet & Warén, 1979 (Norwegian Sea basin, Bouchet & Warén 1979)
(= *C. discus* Watson, 1883 sensu Friele & Grieg 1901)
- N) *C. occulta* (Mighels & Adams, 1842) (S to 69.5 degr., Odhner 1907; see also Friele & Grieg 1901)
(= *C. insculpta* auct., not (Totten, 1835))
(= *C. propinqua* M. Sars, 1858) (G.O. Sars 1878)
(= *C. reinhardtii* Holbøll in Møller, 1842)
(= *C. sculpta* (Reeve, 1855))
- Roxania* J.E. Gray, 1847 ex Leach MS
(Type: *Bulla cranchii* Fleming; Britain)
- S) *R. urticulus* (Brocchi, 1814) (N to 65.5 degr., Friele & Grieg 1901)
(= *Alys urticulus* (Brocchi)) (G.O. Sars 1878)
(= *Bulla urticulus* Brocchi)
(= *Bulla cranchii* Fleming, 1828)
- Scaphander* Montfort, 1810 (Opinion 287 of ICZN)
(Type: *Bulla lignaria* Linné; Europe?)
(= *Tricla* Retzius, 1788)
- S) *S. lignarius* (Linné, 1758) (N to 69.5 degr., Odhner 1939, but see Platts 1985)
- C) *S. punctostriatus* (Mighels & Adams, 1841) (Whole coast, Odhner 1907)
Tricla Retzius, 1788 (See *Scaphander*)
- Utriculoopsis* M. Sars, 1870 (Cf. Lemche 1948)
(Type: *Utriculoopsis vitrea* M. Sars; Norway)
- S) *U. vitrea* M. Sars, 1870 (Oslofj., M. Sars 1869; 1870; see however Platts 1985)

- 542 RUNCINOIDEA (Cf. Boss 1982)
- 54200 RUNCINIDAE H. & A. Adams, 1854
(See *Runcina*)
Pelta Quatrefages, 1844
Runcina Forbes, in Forbes & Hanley, 1851
(Type: *Runcina hancocki* Forbes; Britain)
(= *Pelta* Quatrefages, 1844)
*No) *R. coronata* (Quatrefages, 1844)
(British North Sea coast, Thompson & Brown 1976)
(= *R. hancocki* Forbes, in Forbes & Hanley, 1851)
(Cf. Thompson 1980)
- 543 ACOCHLIDIOIDEA (Cf. Boss 1982)
- 5430 EUACOCHLIDIACEA
- 54300 HEDYLOPSIDAE Odhner, 1952
- Hedylopsis* Thiele, 1931
(Type: *Hedylopsis spiculifera* Kowalevsky, 1901; Marmara Sea)
W) *H. brambelli* Swedmark, 1968
(Korsfjorden, C. Clausen unpublished)
*Sw) *H. suecica* Odhner, 1937
(Bohuslän, Odhner 1937)
- 54301 MICROHEDYLIDAE Odhner, 1937
- Microhedyle* Hertling, 1930
(Type: *Microhedyle lactea* Hertling; southern North Sea)
*Sw) *M. glandulifera* (Kowalevsky, 1901)
(= *M. lactea* Hertling, 1930)
(Bohuslän, Poizat 1981)
(Cf. Poizat 1981)
- 5431 PHILINOGLOSSACEA
(Cf. Boss 1982, but see Platts 1985)
- 54310 PHILINOGLOSSIDAE Hertling, 1932
- Philinoglossa* Hertling, 1932
(Type: *Philinoglossa helgolandica* Hertling; southern North Sea)
*No) *P. helgolandica* Hertling, 1932
(British North Sea coast, Poizat 1981)
- 544 SACOGLOSSA (= ASCOGLOSSA)
(Cf. Gascoigne 1978; see also Marcus 1982)
- 5440 ELYSIACEA
- 54400 ELYSIIDAE H. & A. Adams, 1854
- Elysia* Risso, 1818
(Type: *Notarchus timidus* Risso, 1818; Mediterranean)
S) *E. viridis* (Montagu, 1804) (N to 65.5 degr., Odhner 1939; but see G.O. Sars 1878)
(= *E. minuta* (M. Sars, 1835))
- 54401 HERMAEIDAE H. & A. Adams, 1854
- Hermæa* Lovén, 1844
(Type: *Doris bifidus* Montagu; Britain)
*No) *H. bifida* (Montagu, 1816) (Scottish North Sea coast, McKay & Smith 1979)
- 54402 STILIGERIDAE Iredale & O'Donoghue, 1923
- Acteon* Quatrefages, 1844
(See *Limaponitia*)
- Calliopæa* Orbigny, 1837
(Type: *Calliopæa bellula* Orbigny; Europe)
S) *C. bellula* Orbigny, 1837
(= *C. mariae* (Meyer & Möbius))
(= *Stiliger mariae* (Meyer & Möbius, 1865))
*Da) *C. oophaga* Lemche, 1974 (Kattegat, Lemche 1974; British North Sea coast, Gascoigne & Sigurdsson 1977)
- Ercolania* Trinchese, 1872
(See *Stiliger*)
- Hermæa* -2-
(See *Placida*)
- Limaponitia* Johnston, 1836
(Type: *Limaponitia nigra* Johnston; Britain)
C) *L. capitata* (Müller, 1774)
(= *L. nigra* Johnston, 1836)
W) *L. cocksi* (Alder & Hancock, 1855)
(= *L. senestra* (Quatrefages, 1844)
(= *Acteon* *corrugata* (Alder & Hancock, 1848))
*No) *L. depressa* Alder & Hancock, 1862
(Scottish North Sea coast, McKay & Smith 1979)
- Placida* Trinchese, 1876
(Type: *Laura viridis* Trinchese, 1873; Mediterranean) (Cf. Thompson 1976)
S) *P. dendritica* (Alder & Hancock, 1843)
(= *Hermæa dendritica* (Alder & Hancock))
(Oslofj. and 60-61 degr., Odhner 1939)
(G.O. Sars 1878)

- Stiliger** Ehrenberg, 1831
(Type: *Stiliger ornatus* Ehrenberg, 1831; Indo-Pacific)
(Cf. Marcus 1982, and Platts 1985)
(Funen Denmark, Lemche 1935)
- *Da) **S. niger** Lemche, 1935
(= *Ercolania nigra* (Lemche))
- Stiliger** -2-
- 54403 ALDERIIDAE Gascoigne, 1978
- Alderia** Allman, 1846
(Type: *Stiliger modestus* Lovén; western Sweden)
- S) **A. modesta** (Lovén, 1844) (N to 70.5 degr., Vader 1981; see also Odhner 1939)
- 545 ANASPIDEA
- 5450 APLYSIACEA
- 54500 APLYSIIDAE Swainson, 1840
(Opinion 1182 of ICZN)
- Aplysia** Linné, 1767
(Type: *Aplysia depilans* Gmelin 1791; Europe)
(Nom. conserv., Opinion 200 of ICZN)
(Cf. Eales 1960)
(= *Tethys* Linné, 1758)
- S) **A. punctata** Cuvier, 1803
(= *A. rosea* Rathke, 1799)
(N to 64 degr., Dons 1928; see also Odhner 1939)
(Suppressed in Opinion 355 of ICZN)
(Cf. Eales 1960, p. 292)
(See *Aplysia*)
- Tethys** Linné, 1758
- 54501 AKERIDAE Pilsbry, 1893 (Cf. Abbott 1974)
- Acera** Lamarck, 1812
(See *Akera*)
- Akera** Müller, 1776
(Type: *Akera bullata* Müller; Norway?)
(= *Acera* Lamarck, 1812)
- C) **A. bullata** Müller, 1776
(Whole coast, Soot-Ryén 1951)
(G.O. Sars 1878)
- 546 THECOSOMATA (Cf. Spoel 1972)
- 5460 SPIRATELLACEA
- 54600 SPIRATELLIDAE Thiele, 1926
- Limacina** Bosc, 1817
(Type: *Clio helicina* Phipps; ?)
(= *Spirialis* Eydoux & Souleyet, 1840)
(= *Spiratella* Blainville, 1817)
- N) **L. helicina** (Phipps, 1774)
(Norwegian Sea, Spoel 1972)
- C) **L. retroversa** (Fleming, 1823)
(Whole coast, Spoel 1972)
- Spirialis* Eydoux & Souleyet, 1840
(See *Limacina*)
- Spiratella* Blainville, 1817
(See *Limacina*)
- 54601 CAVOLINIIDAE Orbigny, 1842
- Clio** Linné, 1767
(Type: *Clio pyramidata* Linné; Europe?)
- N) **C. pyramidata** Linné, 1767
(Norwegian Sea and northern North Sea, Spoel 1972)
- Diacria** J.E. Gray, 1847
(Type: *Hydula trispinosa* Blainville; ?)
- N) **D. trispinosa** (Blainville, 1827)
(Norwegian Sea and northern North Sea, Spoel 1972)
- 547 GYMNOSOMATA
- 54700 PNEUMODERMATIDAE Latreille, 1825
- Pneumodermopsis** Kieferstein, 1862
(Type: *Pneumodermion ciliata* Gegenbaur, 1855; ?)
(Cf. Abbott 1974)
- *No) **P. paucidens** (Boas, 1886)
(Northern North Sea, McKay & Smith 1979)
- 54701 CLIONIDAE Oken, 1815
- Clione** Pallas, 1774
(Type: *Clione borealis* Pallas; ?)
- N) **C. limacina** (Phipps, 1774)
(= *C. borealis* Pallas, 1774)
(Whole coast, Odhner 1907)
- 548 NOTASPIDEA
- 5480 UMBRACULACEA

- 54800 TYLODINIDAE J.E. Gray, 1847
- Roya** Iredale, 1912 (Cf. Bertsch 1980; but see Marshall 1981, and Platts 1985)
(Type: *Roya kermadecensis* Iredale, 1912; Kermadec Islands)
- W) **R. duebenii** (Lovén, 1846)
(60–60.5 degr., Odhner 1939; see also Bertsch 1980)
(= *Tylodina duebeni* Lovén, 1846)
(= *Tylodinella duebeni* (Lovén))
- Tylodina* Rafinesque, 1814
Tylodinella Mazzarelli, 1897
- 5481 PLEUROBRANCHACEA
- 54810 PLEUROBRANCHIDAE Deshayes, 1830
- Berthella** Blainville, 1824
(Type: *Bulla plumula* Montagu; Britain)
- W) **B. plumula** (Montagu, 1803)
(63.5–65 degr., Odhner 1939)
- W) **B. sideralis** (Lovén, 1846)
(60?–69 degr., Odhner 1939)
(= *Bouvieria sideralis* (Lovén))
(= *Pleurobranchus plumula* auct., not (Montagu)) (G.O. Sars 1878)
- Bouvieria* Vayssière, 1895
- Pleurobranchus** Cuvier, 1804
(Type: *Pleurobranchus peroni* Cuvier, 1804; ?)
- *No) **P. membranaceus** (Montagu, 1815)
(British North Sea coast, Thompson & Brown 1976)
- Pleurobranchus* –2–
(See *Berthella*)
- 549 NUDIBRANCHIA
- 5490 EUDORIDACEA
- 54900 DORIDIDAE Rafinesque, 1815
- Doris** Linné, 1758
(Type: *Doris verrucosa* Linné; Europe)
(= *Staurodoris* Bergh, 1878)
- T) **D. nobilis** Odhner, 1907 ex Lovén MS
(Trondheimsfj., Odhner 1926; see also Platts 1985)
- ?No) **D. verrucosa** Linné, 1758 (North Sea, Nordsieck 1972; but according to Thompson & Brown 1984, no verified records north of the southern part of the English Channel)
- Staurodoris* Bergh, 1878 (See *Doris*)
- 54901 ARCHIDORIDIDAE Bergh, 1892
- Archidoris** Bergh, 1878
(Type: *Doris tuberculata* Alder & Hancock, 1852; Britain)
- C) **A. pseudoargus** (Rapp, 1827)
(= *A. britannica* (Johnston, 1838)) (Whole coast, Odhner 1926)
- (= *A. flammea* (Alder & Hancock, 1844))
(= *Doris tuberculata* Cuvier, 1804) (G.O. Sars 1878)
- (Cf. Pruvot-Fol 1934 and Bouchet & Tardy 1976)
- Doris** –2–
(See *Archidoris*)
- 54902 CHROMODORIDIDAE Bergh, 1891
(Cf. Bertsch 1977, and Platts 1985)
- Cadlina** Bergh, 1878
(Type: *Doris repanda* Alder & Hancock; Britain)
(= *Echinochila* Mørch, 1869)
(Opinion 812 of ICZN)
- C) **C. laevis** (Linné, 1767)
(= *C. obvelata* (Müller, 1776)) (Whole coast, Odhner 1939)
- (= *C. repanda* (Alder & Hancock, 1842))
- W) **C. glabra** (Friele & Hansen, 1876)
(= *Doris glabra* (Friele & Hansen)) (61.5 degr., Odhner 1907)
(G.O. Sars 1878)
- Doris** –3–
(See *Cadlina*)
- Echinochila* Mørch, 1869
(See *Cadlina*)
- 54903 ALDISIDAE Odhner, 1939
- Aldisa** Bergh, 1878
(Type: *Doris zetlandica* Alder & Hancock; Britain)
- C) **A. zetlandica** (Alder & Hancock, 1854)
(= *Doris zetlandica* (Alder & Hancock)) (Whole coast, Odhner 1939)
(G.O. Sars 1878)
- Doris** –4–
(See *Aldisa*)
- 54904 KENTRODORIDIDAE Bergh, 1892
(See *Jorunna*)
- Doris** –5–

- Jorunna** Bergh, 1876
(Type: *Doris johnstoni* Alder & Hancock; Britain)
- S) ***J. tomentosa*** (Cuvier, 1804)
(= *J. johnstoni* (Alder & Hancock, 1845))
(= *Doris johnstoni* Alder & Hancock)
(N to 64.5 degr., Odhner 1939)
(G.O. Sars 1878)
- 54905 DISCODORIDIDAE Bergh, 1891
Anisodoris Bergh, 1898
(See *Discodoris*)
- Discodoris** Bergh, 1877
(Type: *Discodoris boholiensis* Bergh, 1877; Indo-Pacific)
(Cf. Thompson & Brown 1981, but see Cervera & al. 1985)
- S) ***D. planata*** (Alder & Hancock, 1846)
(Southern Norway, Thompson & Brown 1984)
(= *Geitodoris planata* (Alder & Hancock))
(= *Platydoris planata* (Alder & Hancock))
(= *Anisodoris stellifera* (Vayssière, 1904))
(= *Anisodoris testudinaria* (Alder & Hancock, 1862))
(See *Discodoris*)
- Geitodoris* Bergh, 1877
Platydoris Bergh, 1877
(See *Discodoris*)
- 54906 ROSTANGIDAE Pruvot-Fol, 1951
- Boreodoris** Odhner, 1939
(Type: *Boreodoris setidens* Odhner; Norway)
- W) ***B. setidens*** Odhner, 1939
Doris -6-
(67.5 degr., Odhner 1939)
(See *Rostanga*)
- Rostanga** Bergh, 1878
(Type: *Doris coccinea* Alder & Hancock; Britain)
- S) ***R. rubra*** (Risso, 1818)
and southwestern coast, Jaekel 1952; a record from near Kristiansund attributed to Jaekel 1952 by Thompson & Brown 1984, must be due to a confusion between Kristiansand and Kristiansund)
(= *R. coccinea* (Alder & Hancock, 1848))
(= *R. rufescens* Iredale & O'Donoghue, 1923))
(= *Doris coccinea* (Alder & Hancock))
(G.O. Sars 1878)
- 5491 ANADORIDACEA
- GONIODORIDIDAE H. & A. Adams, 1854
- Ancula** Lovén, 1846
(Type: *Polycera cristata* Alder; Britain)
(= *Miranda* Alder & Hancock, 1847)
- C) ***A. gibbosa*** (Risso, 1818)
(= *A. cristata* (Alder, 1841))
(Whole coast, Odhner 1939)
- Goniodoris** Forbes & Goodsir, 1839
(Type: *Doris nodosa* Montagu; Britain)
- S) ***G. castanea*** Alder & Hancock, 1845
(Southern Norway, Thompson & Brown 1984)
(N to 67 degr., Odhner 1939)
- S) ***G. nodosa*** (Montagu, 1808)
(= *Lomanotus marmoratus* G.O. Sars 1878, not (Alder & Hancock, 1845))
(G.O. Sars 1878, Anmærkn.)
- Idalia* Leuckart, 1828
Idalina Norman, 1890
Lomanotus -2-
(See *Okenia*)
(See *Okenia*)
(See *Goniodoris*)
- Lophodoris** G.O. Sars, 1878
(Type: *Goniodoris danielsseni* Friele & Hansen; western Norway)
- W) ***L. danielsseni*** (Friele & Hansen, 1876)
(60-62 degr., Odhner 1922 See also Just & Edmunds 1985)
(See *Ancula*)
- Miranda* Alder & Hancock, 1847
- Okenia** Menke, 1830 ex Leuckart MS
(Type: *Idalia elegans* Leuckart; Europe)
(= *Idalia* Leuckart, 1828 not Hubner, 1820)
(= *Idalina* Norman, 1890)
(G.O. Sars 1878)
- *Sw) ***O. aspersa*** (Alder & Hancock, 1845)
a record from Finnmarken in Thompson & Brown 1984 is the one from Friele & Grieg 1901, listed as *O. pulchella* below. See also Just & Edmunds 1985)
- *Sw) ***O. elegans*** (Leuckart, 1828)
(56-56.5 degr., Odhner 1907)
(= *Idalia cirrigera* (Philippi, 1844)) (Cf. Thompson & Brown 1984)
- *No) ***O. leachii*** (Alder & Hancock, 1854)
(Scottish North Sea coast, McKay & Smith 1979)
(S to 58.5 degr., Odhner 1922)
- N) ***O. pulchella*** (Alder & Hancock, 1854)
(May be a synonym of *O. aspersa*, see Platts 1985)
(= *Idalia pulchella* var. *fusca* Odhner, 1907)
(= *Idalia cirrigera* Lovén, 1846 not Philippi) (Cf. Odhner 1907)
(= ?*Idalia aspersa* Friele & Grieg, 1901 not Alder & Hancock)

- 54911 ONCHIDORIDIDAE Alder & Hancock, 1845
- Acanthodoris* J.E. Gray, 1850
(Type: *Doris pilosa* Abildgaard; ?)
- C) *A. pilosa* (Abildgaard, 1789) (Whole coast, G.O. Sars 1878; see also Odhner 1939)
(= *A. subquadrata* (Alder & Hancock, 1845)) (Cf. Platts 1985)
- Adalaria* Bergh, 1879
(Type: *Doris proxima* Alder & Hancock; Britain)
(= *Lamellidoris* Alder & Hancock, 1855, in part) (G.O. Sars 1878)
- W) *A. loveni* (Alder & Hancock, 1862) (61.5–64 degr., Odhner 1939; 60 degr., Just & Edmunds 1985)
- S) *A. proxima* (Alder & Hancock, 1854)
Ataladoris Iredale & O'Donoghue, 1923
(See *Onchidoris*)
- Diaphorodoris* Iredale & O'Donoghue, 1923
(Type: *Doris luteocincta* M. Sars; Norway)
- S) *D. luteocincta* (M. Sars, 1870)
(= *Onchidoris luteocincta* (M. Sars); cf. Thompson & Brown 1984)
(N to 61.5 degr., Odhner 1922)
- Doridunculus* G.O. Sars, 1878
(Type: *Doridunculus echinulatus* G.O. Sars; northern Norway)
- S) *D. echinulatus* G.O. Sars, 1878
69 degr., Odhner 1936, and Hoisæter unpublished
(= *D. pentabranchus* Odhner, 1907) (Cf. Odhner 1922)
- Lamellidoris* Alder & Hancock, 1855
Lamellidoris –2–
(See *Adalaria*)
(See *Onchidoris*)
(Cf. Just & Edmunds 1985)
- Onchidoris* Blainville, 1816
(Type: *Onchidoris leachii* Blainville; Europe)
(= *Lamellidoris* Alder & Hancock, 1855, in part) (G.O. Sars 1878)
- *No) *O. depressa* (Alder & Hancock, 1842)
(Scottish North Sea coast, McKay & Smith 1979)
(N to Laksefj., 71 degr., Odhner 1939)
- S) *O. fusca* (Müller, 1776)
(= *O. bilamellata* (Linné, 1767) in part)
(Cf. McKay & Smith 1979) (G.O. Sars 1878)
- (= *O. leachii* Blainville, 1816)
- *Sw) *O. inconspicua* (Alder & Hancock, 1851)
(Bohuslän, Odhner 1907; Thompson & Brown 1984)
(Whole coast, Odhner 1939)
- C) *O. muricata* (Müller, 1776)
(= *O. diaphana* (Alder & Hancock, 1845)) (Cf. Platts 1985)
- S) *O. oblonga* (Alder & Hancock, 1845)
(Southern Norway, Thompson & Brown 1984)
- S) *O. pusilla* (Alder & Hancock, 1845) (60 degr., Just & Edmunds 1985; southern and southeastern Norway, Jaekel 1952)
(= *Ataladoris pusilla* (Alder & Hancock))
- S) *O. sparsa* (Alder & Hancock, 1846)
Skagerrak and Bohuslän, Thompson & Brown 1984)
(Norway, Just & Edmunds 1985; (See *Diaphorodoris*)
- Onchidoris* –2–
(See *Diaphorodoris*)
- 54912 AEGIRETIDAE Fischer, 1883
- Aegires* Lovén, 1844
(Type: *Polycera punctilucens* Orbigny; ?)
- S) *A. punctilucens* (Orbigny, 1837)
(N to 65.5 degr., Odhner 1939)
- Triopa* Johnston, 1838
(See *Triopella*)
- Triopella* G.O. Sars, 1878
(Type: *Triopa incisa* G.O. Sars; Norway)
- S) *T. incisa* (G.O. Sars, 1872 ex M. Sars MS)
(= *Triopa incisa* G.O. Sars)
(N to 70.5 degr., Odhner 1922)
- 54913 POLYCERIDAE Alder & Hancock, 1845
- Colga* Bergh, 1880
(See *Issena*)
- Euphurus* Rafinesque, 1815
(See *Limacia*)
- Issa* Bergh, 1881
(See *Issena*)
- Issena* Iredale & O'Donoghue, 1923
(Type: *Doris lacera* Rathke; Norway?)
(= *Issa* Bergh, 1881 not Walker, 1867)
- N) *I. pacifica* (Bergh, 1894)
(= *I. abildgaardii* Pruvot-Fol, 1934)
(= *I. lacera* (Rathke, 1806 ex Abildgaard MS) not (Cuvier, 1804)) (G.O. Sars 1878)
- (= *Triopa lacer* (Abildgaard))
(= *Colga pacifica* (Bergh)) (Cf. Just & Edmunds 1985, and Platts 1985)
- Limacia* Müller, 1781
(Type: *Doris clavigera* Müller; Denmark)
(= *Euphurus Rafinesque*, 1815)
- S) *L. clavigera* (Müller, 1776)
(= *Triopa claviger* (Müller))
(N to 69.5 degr., Odhner 1939)
(G.O. Sars 1878)
- Palio* J.E. Gray, 1857
(Type: *Polycera ocellata* Alder & Hancock; northeastern England)
(Cf. Rivest 1984)

- C) *P. dubia* (M. Sars, 1829) (Whole coast, Odhner 1939; see also Larsen 1925)
 (= *P. lessoni* (Orbigny, 1837)) (G.O. Sars 1878, Anmerkninger)
 (= *Polycera dubia* M. Sars, 1829) (G.O. Sars 1878)
 (= *Polycera pudica* Lovén?)
 C) *P. nothus* (Johnston, 1838) (Probably whole coast, but needs confirmation; see Thompson & Brown 1984)
 (= *P. ocellata* (Alder & Hancock, 1842)) (G.O. Sars 1878)
- Polycera** Cuvier, 1817
 (Type: *Doris quadrilineata* Muller; Denmark)
 *Sw) *P. faeroensis* Lemche, 1929 (Opinion 1085 of ICZN)
 (Bohuslän, Odhner 1941; see also Lemche & Thompson 1974, and Just & Edmunds 1985)
 S) *P. quadrilineata* (Müller, 1776) (N to 68 degr., G.O. Sars 1878)
 (= *P. cornuta* (Abildgaard, 1806)) (G.O. Sars 1878)
- Thecacera** Fleming, 1828
 (Type: *Doris pennigera* Montagu; Britain)
 *No) *T. pennigera* (Montagu, 1815) (British North Sea coast, Jaekel 1952; see also Thompson & Brown 1984)
 W) *T. virescens* Forbes & Hanley, 1851 ex Alder & Hancock MS (Hardangerfj., Odhner 1939)
- Triopa* -2- (See *Limacia*)
Triopa -3- (See *Issena*)
- 5492 DENDRONOTACEA
- 54920 TRITONIIDAE Lamarck, 1809
- Candellista* Iredale & O'Donoghue, 1923 (See *Tritonia*)
Duvaucelia Risso, 1826 (See *Tritonia*)
Hero -2- (See *Tritonia*)
- Tritonia** Cuvier, 1798
 (Type: *Tritonia hombergii* Cuvier; Atlantic coast of France)
 W) *T. griegi* Odhner, 1922 (Opinion 668 of ICZN)
 S) *T. hombergii* Cuvier, 1803 (60.5-67.5 (?) degr., Odhner 1926, 1939)
 (= *T. alba* Alder & Hancock, 1854) (N to 70 degr., Odhner 1939)
 (= *Candellista alba* (Alder & Hancock))
 (= *Hero fimbriata* Vahl, 1806)
 W) *T. lineata* (Alder & Hancock, 1848) (G.O. Sars 1878)
 (= *Duvaucelia lineata* (Alder & Hancock)) (61.5 degr., Odhner 1922)
- S) *T. plebeia* Johnston, 1828 (N to 60 degr., Odhner 1939. See also Just & Edmunds 1985)
 (= *Duvaucelia plebeia* (Johnston, 1828))
- 54921 LOMANOTIDAE Eliot, 1910
- Lomanotus** Vérany, 1844
 (Type: *Lomanotus genzi* Vérany; Mediterranean)
 *No) *L. marmoratus* (Alder & Hancock, 1845) (Scottish North Sea coast, McKay & Smith 1979)
 *No) *L. genzi* Vérany, 1846 (British North Sea coast, Thompson & Brown 1984)
- 54922 DENDRONOTIDAE J.E. Gray, 1857
 (Cf. Abbott 1974)
- Dendronotus** Alder & Hancock, 1845
 (Type: *Doris arborescens* Müller; Denmark?)
 C) *D. frondosus* (Ascanius, 1774) (Whole coast, Odhner 1939)
 (= *D. arborescens* (Müller, 1776); but see Just & Edmunds 1985, and Platts 1985) (G.O. Sars 1878)
 N) *D. robustus* Verrill, 1870 (S to 66 degr., Odhner 1939; one record from 60 degr., Odhner 1922, doubtful according to Odhner 1939)
 (= *D. velifer* G.O. Sars, 1878) (G.O. Sars 1878)
- 54923 SCYLLAEIDAE Rafinesque, 1815
- Scyllaea** Linné, 1758
 (Type: *Scyllaea pelagica* Linné; ?)
 *No) *S. pelagica* Linné, 1758 (Northumberland, Thompson & Brown 1984)
- 54924 DOTIDAE H. & A. Adams, 1854
 (Cf. Heppell 1966)
- Doto** Oken, 1815
 (Type: *Doris coronata* Gmelin; Netherlands)
 (= *Idulia* Leach, 1852) (Cf. Just & Edmunds 1985)
 C) *D. coronata* (Gmelin, 1791) (Whole coast, Odhner 1939)
 S) *D. crassicornis* (M. Sars, 1870) (Oslofj., 60-62.5 degr., Odhner 1922; Trondheimsfj., Just & Edmunds 1985)
 S) *D. cuspidata* Alder & Hancock, 1862 (N to 71 degr., Odhner 1939; see also Just & Edmunds 1985)
 *No) *D. dunnei* Lemche, 1976 (Scottish North Sea coast, Thompson & Brown 1984)

- 54950 GONIAEOLIDIDAE Odnher, 1907
Goniaeolis G.O. Sars, 1878 (See *Gonicolis*)
Gonicolis M. Sars, 1861
 (Type: *Gonicolis typica* M. Sars; western Norway)
 (= *Goniaeolis* G.O. Sars, 1878)
 W) *G. typica* M. Sars, 1861 (Skagerrak to 64 degr., Odnher 1939; see also Odnher 1907)
 (= *G. lobata* Odnher, 1907)
- 54951 HEROIDAE Bergh, 1892
Hero Alder & Hancock, 1855
 (Type: *Cloelia formosa* Lovén; western Sweden)
 S) *H. formosa* (Lovén, 1841) (N to 69.5 degr., Krause 1895; see also Odnher 1922)
- 5496 PLEUROPROCTA
 54960 FLABELLINIDAE Bergh, 1889
 (Opinion 781 of ICZN)
 (Cf. Kuzirian 1979; and Gosliner & Griffiths 1981)
- Coryphella* J.E. Gray, 1850
 (Type: *Eolis rufibranchialis* Johnston; Britain)
 (= *Flabellina* Voigt, 1834 (in part))
 (Cf. Gosliner & Griffiths 1981 and Just & Edmunds 1985)
 C) *C. borealis* Odnher, 1922 (Whole coast, Odnher 1939; see also Just & Edmunds 1985)
 (= *C. salmonacea* auct., not (Couthouy, 1838) (G.O. Sars 1878)
 S) *C. browni* Picton, 1980 (Norwegian coast, Sneli pers. comm.)
 W) *C. gracilis* (Alder & Hancock, 1844) (69 degr., Odnher 1929; probably all along the coast (recorded from Isefjord, Denmark by Rasmussen 1973), but consistently confused with *C. verrucosa* by earlier authors)
 (= *C. smaragdina* (Alder & Hancock, 1851))
 (= *C. rufibranchialis* var. *clavigera* Odnher, 1929) (Cf. Kuzirian 1979)
 S) *C. lineata* (Lovén, 1846) (N to Trondheimsfj., Odnher 1939; one possible record from East Finnmark, Odnher 1939 p. 63; see also Krause 1895)
 N) *C. nobilis* Verrill, 1880 (S to Trondheimsfj., Odnher 1939; see also Odnher 1929, and Just & Edmunds 1985)
 (= *C. sarsi* Friele, 1902)
 *Sw) *C. parva* Hadfield, 1963 (Swedish west coast; Hadfield 1963)
 S) *C. pedata* (Montagu, 1815) (N to 63 degr., Odnher 1939)
 (= *C. landsburgi* (Alder & Hancock, 1846)) (G.O. Sars 1878)
- S) *D. fragilis* (Forbes, 1838) (N to 70.5 degr., Odnher 1939)
 W) *D. koenneckeri* Lemche, 1976 (60.5 degr., Lemche 1976)
 *Sw) *D. millbayana* Lemche, 1976 (Bohuslän, Just & Edmunds 1985)
 *No) *D. pinnaifida* (Montagu, 1804) (Scottish North Sea coast, McKay & Smith 1979)
 S) *D. tuberculata* Lemche, 1976 (Southern Norway, Thompson & Brown 1984)
Idulia Leach, 1852 (See *Doto*)
- 5493 EUARMINIACEA
 54930 ARMINIDAE Rafinesque, 1814 (Cf. Abbott 1974)
Armina Rafinesque, 1814
 (Type: *Armina tigrina* Rafinesque, 1814; Mediterranean)
 S) *A. loveni* (Bergh, 1861) (N to Trondheimsfj., Dons 1933c; see also Odnher 1939)
 (= *Pleurophyllidia loveni* Bergh, 1860) (G.O. Sars 1878)
Heterodoris Verrill & Emerton, 1882 (Cf. Willan 1981)
 (Type: *Heterodoris robusta* Verrill & Emerton; New England)
 T) *H. robusta* Verrill & Emerton, 1882 (Trondheimsfj., Odnher 1926)
Pleurophyllidia Stammer, 1816 (See *Armina*)
- 5494 PACHYGNATHA
 54940 ZEPHYRINIDAE Iredale & O'Donoghue, 1923
 (Cf. Boss 1982)
Antiope Alder & Hancock, 1848 (See *Janolus*)
Antiope Hoyle, 1902 (See *Janolus*)
Janolus Bergh, 1884 (Cf. Gosliner 1981, but see also Marcus 1977)
 (Type: *Janolus australis* Bergh, 1884; ?)
 W) *J. cristata* (delle Chiaje, 1841) (59.5 degr., G.O. Sars 1878; see also Odnher 1939)
 (= *Antiope splendida* Alder & Hancock, 1848)
 (= *Antiope cristata* (delle Chiaje))
 (= *Janus cristatus* (delle Chiaje)) (G.O. Sars 1878, Anmarkn.)
Janus Verany, 1844 (See *Janolus*)
- 5495 LEPTOGNATHA

- S) *C. pellucida* (Alder & Hancock, 1843) (N to 65 degr., Odhner 1939)
 N) *C. salmonacea* (Couthouy, 1838) (East Finnmark, Odhner 1922; see also Just & Edmunds 1985)
 C) *C. verrucosa* (M. Sars, 1829) (Whole coast, Odhner 1939) (= *C. rufibranchialis* (Johnston, 1832))
Flabellina Voigt, 1834 (See *Coryphella*)
- 5497 ACLEIOPROCTA
- 54970 EUBRANCHIDAE Odhner, 1934 (Opinion 774 of ICZN)
- Capellinia* Trinchese, 1874 (See *Eubbranchus*)
- Cumanotus* Odhner, 1907 (Type: *Cumanotus laticeps* Odhner; northern Norway)
 N) *C. beaumonti* (Eliot, 1906) (71 degr., Odhner 1907) (= *C. laticeps* Odhner, 1907)
Egalvina Odhner, 1929 (See *Eubbranchus*)
- Eubbranchus* Forbes, 1838 (Cf. Edmunds & Kress 1969) (Opinion 774 of ICZN)
 (Type: *Eubbranchus tricolor* Forbes; Britain)
 (= *Galvina* Alder & Hancock, 1855)
 S) *E. cingulatus* (Alder & Hancock, 1847) (Norway, Thompson & Brown 1976; see also Just & Edmunds 1985)
 C) *E. exiguus* (Alder & Hancock, 1848) (Whole coast, Odhner 1939) (= *Capellinia fustifera* (Lovén, 1846)) (Cf. Edmunds & Kress 1969)
 (= *Tergipes lacinulatus* G.O. Sars, 1878 not (Blainville, 1824)) (G.O. Sars 1878, Ammerkn.) (61.5–63 degr., Odhner 1922; southern Norway, Just & Edmunds 1985)
 S) *E. farrani* (Alder & Hancock, 1844) (Opinion 773 of ICZN)
 W) *E. pallidus* (Alder & Hancock, 1842) (60.5–68.5 degr., Odhner 1939) (= *E. flavescens* (Friele & Hansen, 1876)) (= *E. pictus* (Alder & Hancock, 1847)) (= *E. minutus* (Alder & Hancock, 1842))
 N) *E. rupium* (Møller, 1842) (Norway, Edmunds & Kress 1969; see also Just & Edmunds 1985)
 N) *E. tricolor* Forbes, 1838 (S to 60 degr., Odhner 1939) (= *E. violaceus* (Alder & Hancock, 1844)) (= *Egalvina viridula* (Bergh, 1873)) (Cf. Edmund & Kress 1969)
- *No) *E. vittatus* (Alder & Hancock, 1842) (British North Sea coast, Thompson & Brown 1984)
Galvina Alder & Hancock, 1855 (See *Eubbranchus*)
Tergipes –2– (See *Eubbranchus*)
- 54971 TERGIPEDIDAE Bergh, 1889 (Opinion 773 of ICZN)
- Amphorina* Quatrefages, 1844 (See *Cuthona*)
- Catrina* Winckworth, 1941 (Cf. Gosliner & Griffiths 1981, but see Brown 1980 and Thompson & Brown 1984)
 (Type: *Eolis aurantia* Alder & Hancock; Britain)
 C) *C. gymnota* (Couthouy, 1838) (Whole coast, Odhner 1939) (= *Cratena aurantia* (Alder & Hancock, 1842)) (Opinion 777 of ICZN) (= *Cuthona aurantiaca* (Alder & Hancock, 1851)) (G.O. Sars 1878)
Cratena Bergh, 1864 (See *Cuthona*)
Cratena –2– (See *Catrina*)
- Cuthona* Alder & Hancock, 1855 (Opinion 773 of ICZN)
 (Type: *Eolis nana* Alder & Hancock; Britain)
 (= *Cratena* Bergh, 1864)
 (= *Trinchesia* Ihering, 1879)
- *No) *C. amoena* (Alder & Hancock, 1845) (British North Sea coast and Skagerrak, Thompson & Brown 1984; see also Brown 1980)
 S) *C. caerulea* (Montagu, 1804) (Southern Norway, Thompson & Brown 1984) (= *Amphorina caerulea* (Montagu)) (Opinion 777 of ICZN)
 S) *C. concinna* (Alder & Hancock, 1843) (60 to 61 degr., Oslofj., Odhner 1907, 1922) (East Finnmark, Odhner 1922) (N to 67.5 degr., Odhner 1939) (G.O. Sars 1878)
 N) *C. distans* (Odhner, 1922) (Whole coast, Odhner 1939)
 S) *C. foliata* (Forbes & Goodsir, 1839) (= *T. olivacea* (Alder & Hancock, 1842)) (C) *C. nana* (Alder & Hancock, 1842) (= *Precuthona peachi* (Alder & Hancock, 1848))
 W) *C. pustulata* (Alder & Hancock, 1854) (67.5–69 degr., Odhner 1939; Denmark, Just & Edmunds 1985)
 *No) *C. rubescens* Picton & Brown, 1978 (Yorkshire & Orkneys, Picton & Brown 1978, Thompson & Brown 1984; see also Just & Edmunds 1985)
 *Sw) *C. suecica* (Odhner, 1940) (= *Xenocratena suecica* Odhner, 1940) (Bohuslän, Odhner 1940)
 W) *C. viridis* (Forbes, 1840) (64–71 degr., Odhner 1926, 1939) (= *Diaphoreolis northumbrica* (Alder & Hancock, 1845))

- Loligo** Lamarck, 1799
(Type: *Loligo vulgaris* Lamarck; Europe?)
- W) *L. vulgaris* Lamarck, 1799 (Single record from Bergen area, Grieg 1933a; Skagerrak, Kattegat and southern North Sea, Muus 1959)
- S) *L. forbesi* Steenstrup, 1856 (N to 65 degr., Muus 1959; see also Grieg 1933a) (See *Alloteuthis*)
- Loligo* -2-
- 5611 OEGOPSIDA
- 56110 ONYCHOTEUTHIDAE J.E. Gray, 1849
- Onychoteuthis* Lichtenstein, 1818
(Type: *Onychoteuthis bergii* Lichtenstein, 1818; ?)
- S) *O. banksii* (Leach, 1817) (N to 70.5 degr., Muus 1959)
(= *O. bergii* Lichtenstein, 1818) (G.O. Sars 1878)
- 56111 GONATIDAE Hoyle, 1886
- Gonatus* J.E. Gray, 1849
(Type: *Onychoteuthis fabricii* Lichtenstein; West Greenland)
- N) *G. fabricii* (Lichtenstein, 1818) (S to 59 degr., Muus 1959)
(= *G. amoenus* (Møller)) (G.O. Sars 1878)
- 56112 ARCHITEUTHIDAE Pfeffer, 1900
- Architeuthis* Steenstrup, 1857
(Type: *Architeuthis dux* Steenstrup; Atlantic)
- S) *A. dux* Steenstrup, 1857 (N to 69 degr., Grieg 1933a; see also Muus 1959)
(= *A. harveyi* Verrill, 1879)
(= *A. monachus* Steenstrup, 1857)
- 56113 HISTIOTEUTHIDAE J.E. Gray, 1849
- Histioteuthis* Orbigny, 1841
(Type: *Cranchia bonellii* Férussac; Mediterranean)
- W) *H. bonellii* Férussac, 1835 (69.5 degr., Haug & Holthe 1984)
- 56114 BRACHIOTEUTHIDAE Pfeffer, 1908
- Brachioteuthis* Verrill, 1881
(Type: *Brachioteuthis beanii* Verrill, 1881; western North Atlantic)
- *No) *B. rüsei* (Steenstrup, 1882) (Northern North Sea, Muus 1959)
- 56115 OMMASTREPHIDAE Steenstrup, 1861
- Illex* Steenstrup, 1880
(Type: *Loligo illecebrosus* Lesueur; western North Atlantic)
- *No) *I. coindetii* (Vérany, 1837) (North Sea, Muus 1959; see also McKay & Smith 1979)
(= ?*I. illecebrosus* (Lesueur, 1821)) (Cf. Clarke 1966)
- Ommastrephes* Orbigny, 1839
(Type: *Loligo bartramii* Lesueur, 1821; Cosmopolitan)
(= *Sphenoteuthis* Verrill, 1880)
(= *Ommatostrephes* Orbigny, 1839)
(British North Sea coast, Muus 1959; but see McKay & Smith 1979)
- *No) *O. pteropus* (Steenstrup, 1855)
(= *O. caroli* (Furtado, 1887) (Scottish North Sea coast, McKay & Smith 1979; see also Muus 1959)
- Ommastrephes* -2-
(See *Todarodes*)
- Ommatostrephes* Orbigny, 1839
(See *Ommastrephes*)
- Sphenoteuthis* Verrill, 1880
(See *Ommastrephes*)
- Todarodes* Steenstrup, 1880
(Type: *Loligo sagittatus* Lamarck; Europe?)
- C) *T. sagittatus* (Lamarck, 1799) (Whole coast, Grieg 1933a; see also Muus 1959)
(= *Ommastrephes sagittatus* (Lamarck))
(= *Ommatostrephes todarus* Rafinesque) (G.O. Sars 1878)
- Todaropsis* Girard, 1890
(Type: *Todaropsis veranyi* Girard; Northeast Atlantic)
- S) *T. eblanæ* (Ball, 1841) (N to 58.5 degr., Skagerrak, Muus 1959)
(= *T. veranyi* Girard, 1890)
- 56116 CRANCHIIDAE Prosch, 1849
- Cranchia* Leach, 1817
(See *Teuthowenia*)
- Desmoteuthis* Verrill, 1881
(See *Teuthowenia*)
- Teuthowenia* Chun, 1910
(Type: *Cranchia megalops* Prosch; Northeast Atlantic)
(Possibly in the deep water of the Norwegian Sea, Muus 1959)
- *Ab) *T. megalops* (Prosch, 1847)
(= *Desmoteuthis megalops* (Prosch))

- 562 OCTOPODA
- 5620 CIRROMORPHA
- 56200 CIRROTEUTHIDAE Kieferstein, 1866
- Cirrotheutis* Eschricht, 1838
(Type: *Cirrotheutis muelleri* Eschricht; Arctic)
*Ab) *C. muelleri* Eschricht, 1838 (Norwegian Sea, deep water, Muus 1959)
- 5621 INCIRRATA
- 56210 ALLOPOSIDAE Verrill, 1881
Alloposus Verrill, 1880 (See *Haliphron*)
- Haliphron* Steenstrup, 1861
(Type: *Haliphron atlanticus* Steenstrup; North Atlantic)
W) *H. atlanticus* Steenstrup, 1861 (60 and 68 degr., Willassen 1986)
(= *Alloposus mollis* Verrill, 1880) (Cf. Kristensen & Knudsen 1983)
- 56211 OCTOPODIDAE Rafinesque, 1815
- Bathypolypus* Grimpe, 1921
(Type: *Octopus arcticus* Prosch; Greenland)
C) *B. arcticus* (Prosch, 1847) (Whole coast, Grieg 1933a)
(= *B. lentus* (Verrill, 1880)) (Cf. Robson 1932)
(= *Octopus bairdii* Verrill, 1881)) (G.O. Sars 1878)
- Benthoctopus* Grimpe, 1921
(Type: *Octopus piscatorum* Verrill; western North Atlantic)
W) *B. piscatorum* (Verrill, 1879) (Slope, 66.5 degr., Appellöf 1893; see also Muus 1959)
- Eledone* Leach, 1817
(Type: *Octopus moschatus* Lamarck; Mediterranean?)
S) *E. cirrhosa* (Lamarck, 1798) (N to 68 degr., Grieg 1933a; see also Muus 1959)
(= ?*E. moschata* Leach) (Cf. Grieg 1933a, p. 3) (G.O. Sars 1878)
(= *Graneledone verrucosa* (Verrill, 1881)) (Cf. Kjennerud 1962)
Graneledone Joubin, 1918 (See *Eledone*)
- Octopus* Lamarck, 1799
(Type: *Octopus vulgaris* Lamarck; Europe?)
*No) *O. vulgaris* (Cuvier, 1797) (Scottish North Sea Coast, McKay & Smith 1979)
- Octopus* -2- (See *Bathypolypus*)
- 57 BIVALVIA (= LAMELLIBRANCHIA)
(= PELECYPODA)
- 570 NUCULOIDA
- 5700 NUCULACEA
- 57000 NUCULIDAE J.E. Gray, 1824
- Ennucula* Iredale, 1931 (See *Nuculoma*)
Leionucula Quenstedt, 1930 (See *Nuculoma*)
- Nucula* Lamarck, 1799
(Type: *Arca nucleus* Linné; Europe?)
*Sw) *N. hanleyi* Winckworth, 1931 (Bohuslän, Ockelmann pers. comm.)
S) *N. nitidosa* Winckworth, 1930 (N to 61 degr., G.O. Sars 1878)
(= *N. moorei* Winckworth, 1931) (Cf. Bowden & Heppell 1966)
(= *N. niida* (G.B. Sowerby II, 1833) not (Brocchi, 1814)) (G.O. Sars 1878)
(= *N. turgida* Leckenby & Marshall, 1875 not Gould, 1846)
S) *N. nucleus* (Linné, 1758) (N to 68 degr., G.O. Sars 1878)
S) *N. sulcata* Bronn, 1831 (Cf. McKay & Smith 1979)
(N to 61 degr., G.O. Sars 1878; see also Nordgård 1913)
(N to 70.5 degr., G.O. Sars 1878; Barents Sea, Friele & Grieg 1901)
(= *N. pumila* (M. Sars, 1851, nom. nud.))
- Nucula* -2- (See *Nuculoma*)
- Nuculoma* Cossmann, 1907 (Cf. Bowden & Heppell 1966)
(Type: *Nucula castor* Orbigny, 1850; Jurassic fossil)
(= *Ennucula* Iredale, 1931)
(= *Leionucula* Quenstedt, 1930)

- N) *N. corticata* (Møller, 1842)
(S to 68 degr., Oslofj., G.O. Sars 1878; slope S to 69.5 degr. Friele & Grieg 1901)
(= *Nucula delphinodonta* auct., not Mighels & Adams, 1842)
(G.O. Sars 1878)
- C) *N. tenuis* (Montagu, 1808)
(Whole coast, G.O. Sars 1878; see however Lubinsky 1980)
(= *Nucula tenuis* (Montagu))
(= *Nucula belloti* A. Adams, 1856)
(G.O. Sars 1878)
- 5701 NUCULANACEA
- 57010 NUCULANIDAE H. & A. Adams, 1858
(Cf. Bowden & Heppell 1966)
- Leda* Schumacher, 1817
- Ledella* Verrill & Bush, 1897
- Nuculana* Link, 1807
(Type: *Arca rostrata* Gmelin, 1791; Arctic)
- C) *N. minuta* (Müller, 1776)
(= *Leda caudata* Lovén, 1846)
(G.O. Sars 1878)
- C) *N. pernula* (Müller, 1779)
(Whole coast, G.O. Sars 1878)
- Portlandia* Mørch, 1857
(Type: *Nucula arctica* J.E. Gray; Arctic)
- *Ar) *P. arctica* (J.E. Gray, 1824)
(Barents Sea, Friele & Grieg 1901; 68 degr., empty shell, G.O. Sars 1878)
- Portlandia* -2-
(See *Yoldiella*)
- Yoldia* Møller, 1842
(Type: *Yoldia hyperborea* Torell; Arctic)
(Cf. Bowden & Heppell 1966, p. 112)
- N) *Y. amygdalea* Valenciennes, 1846 (S to 65.5 degr., 64 degr., Lande 1971)
(= *Y. limatula* auct., not Say, 1831)
(= *Y. hyperborea limatuloidea* Ockelmann, 1954)
(= *Y. norvegica* Dautzenberg & Fischer, 1912)
- *Ar) *Y. hyperborea* Torell, 1859 ex Lovén MS (Barents Sea, Ockelmann 1954)
- Yoldiella* Verrill & Bush, 1897
(Type: *Yoldia lucida* Lovén; western Sweden?)
(= *Portlandia* Mørch, 1857 (in part))
(G.O. Sars 1878)
- W) *Y. acuminata* (Jeffreys, 1870)
(60-60.5 degr., Warén 1978)
(= *Ledella messanensis* (Jeffreys, 1879, not Jeffreys, 1878; see also (Cf. Warén 1978)
- *Ar) *Y. expansa* (Jeffreys, 1876)
(Barents Sea, Friele & Grieg 1901)
- C) *Y. fraterna* Verrill & Bush, 1898
(= *Y. frigida* auct., not (Torell, 1859))
(Whole coast, G.O. Sars 1878)
- *Ar) *Y. frigida* (Torell, 1859)
(Barents Sea, Friele & Grieg 1901; see also Ockelmann 1959, and Warén 1978)
- N) *Y. intermedia* (M. Sars, 1865)
(East Finnmark, G.O. Sars 1878; see also Friele & Grieg 1901)
- N) *Y. lenticula* (Møller, 1842)
(S to 67 degr., G.O. Sars 1878)
- C) *Y. lucida* (Lovén, 1846)
(Whole coast, G.O. Sars 1878)
- *Ar) *Y. nana* (M. Sars, 1865)
(Barents Sea?, see Warén 1978)
- N) *Y. pustulosa* (Jeffreys, 1876)
(Slope, S to 63 degr., Friele & Grieg 1901)
- N) *Y. subaequilatera* (Jeffreys, 1879)
(Lower slope, S to 61 degr., Friele & Grieg 1901)
- S) *Y. tomlini* Winckworth, 1932 (N to 68 degr., G.O. Sars 1878; N to 71 degr., Friele & Grieg 1901)
- (= *Y. philippiana* auct., not (Nyst, 1871))
(Cf. Warén 1978, but see also Bowden & Heppell 1966)
- (= *Y. tenuis* auct., not (Philippi, 1844))
(G.O. Sars 1878)
- 57011 MALLETIIDAE H. & A. Adams, 1858
- Katadesmia* Dall, 1908
(Type: *K. vincula* Dall, 1908; eastern Pacific, deep water)
(Cf. Bouchet & Warén 1979)
- *Ab) *K. kolthoffi* (Wägg, 1904)
(Norwegian Sea basin, Bouchet & Warén 1979)
- (= *Malletia cuneata* auct., not Jeffreys, 1876)
(= *Neilonella cuneata* auct., not Jeffreys)
- Malletia* Desmoulins, 1832
(See *Pseudomalletia*)
- Malletia* -2-
(See *Katadesmia*)
- Neilonella* Dall, 1881
(See *Katadesmia*)
- Pseudomalletia* P. Fischer, 1886 (Cf. Bouchet & Warén 1979)
(Type: *Yoldia obtusa* G.O. Sars, 1872, Norway)
- S) *P. obtusa* (G.O. Sars, 1872 ex M. Sars MS) (N to 68 degr., G.O. Sars 1878)
(= *Yoldia abyssicola* M. Sars, 1859, nom. nud.)
(= *Malletia obtusa* G.O. Sars)
(G.O. Sars 1878)

- 571 MYTILOIDA
- 5710 MYTILACEA
- 57100 MYTILIDAE Rafinesque, 1815
- S.fam.: CRENELLINAE J.E. Gray, 1840
- Crenella* Brown, 1827
(Type: *Mytilus decussatus* Montagu; Britain)
- N) *C. decussata* (Montagu, 1808)
(S to 59 degr., G.O. Sars 1878, see also Friele & Grieg 1901)
- Modiolarca* J.E. Gray, 1842
(See *Musculus*)
- Modiolaria* Lovén, 1846 ex Beck MS
(See *Musculus*)
- Musculus* Röding, 1798
(Type: *Mytilus discors* Linné; Europe?)
(= *Modiolaria* Lovén, 1846)
- S.gen.: *Musculus* s. str.
- N) *M. corrugatus* (Simpson, 1851)
(S to 70.5 degr., G.O. Sars 1878)
- *No) *M. costulatus* (Risso, 1826) (Scottish North Sea Coast, McKay & Smith 1979)
(Whole coast, G.O. Sars 1878)
- C) *M. discors* (Linné, 1767)
(S to 68 degr., G.O. Sars 1878)
- N) *M. laevigatus* (J.E. Gray, 1824)
(Cf. Dodge 1952, Soot-Ryen 1958, Ockelmann 1959, Abbott 1974, but see Lubinsky 1980)
- N) *M. niger* (J.E. Gray, 1824)
(S to 59 degr., G.O. Sars 1878)
- S.gen.: *Modiolarca* J.E. Gray, 1842
(Type: *Mytilus impactus* Hermann, 1782; New Zealand)
(Cf. Bowden & Heppell 1966, and Soot-Ryen 1969)
- S) *M. tumida* (Hanley, 1843) (N to 70.5 degr., Soot-Ryen 1951; see also Dons 1931b)
(= *Musculus marmoratus* (Forbes, 1838) not (Schroeter, 1803))
(G.O. Sars 1878)
- Ryenella* Fleming, 1959
(See *Musculus*)
- S.fam.: DACRYDIINAE Ockelmann, 1983
- Dacrydium* Torell, 1859 (Cf. Mattson & Warén 1977)
(Type: *Modiola vitrea* Møller; Greenland)
- W) *D. ockelmanni* Mattson & Warén, 1977
(60-63 degr., Mattson & Warén 1977)
(= *D. vitreum* auct., not (Møller, 1842))
- N) *D. vitreum* (Holbøll in Møller, 1842)
(S to 68 degr., Mattson & Warén 1977)
- S.fam.: MODIOLINAE Keen, 1958
- Adipicola* Dautzenberg, 1927
(See *Idasola*)
- Adula* H. & A. Adams, 1857
(See *Idasola*)
- Idas* Jeffreys, 1876
(See *Idasola*)
- Idasola* Iredale, 1915
(Type: *Idas argenteus* Jeffreys; North Atlantic)
(= *Idas* Jeffreys, 1876, not Mulsant & Verreaux, 1876)
- ?) *I. argentea* (Jeffreys, 1876) (Known from the slope south of the Faeroe-Shetland ridge, Jensen 1912)
- S) *I. simpsoni* (Marshall, 1900) (Norway south of Lofoten, empty shells, Ockelmann 1959)
(Cf. Bowden & Heppell 1966; and Warén 1980a)
- (= *Adula simpsoni* (Marshall))
(Nordsieck 1969)
- (= *Adipicola simpsoni* (Marshall))
(Cf. Winckworth 1951)
- Modiola* Lamarck, 1801
(See *Modiolus*)
- Modiolula* Sacco, 1898
(Type: *Modiola phaseolina* Philippi; Europe?)
- C) *M. phaseolina* (Philippi, 1844)
(= *Modiolus phaseolinus* (Philippi))
(= *Mytilus phaseolinus* (Philippi))
(G.O. Sars 1878)
- Modiolus* Lamarck, 1799
(Type: *Mytilus modiolus* Linné; Europe?)
(= *Modiola* Lamarck, 1801)
(= *Volsella* Scopoli, 1777)
(= *Mytilus* Linné, 1758 (in part))
- S) *M. adriaticus* (Lamarck, 1819)
(Southeastern coast and 60 degr., Wikander 1981)
(Whole coast, G.O. Sars 1878)
- C) *M. modiolus* (Linné, 1758)
(See *Modiolus*)
- Volsella* Scopoli, 1777

- S.fam.: MYTILINAE s. str.
- Mytilus* Linné, 1758 (Opinion 94 of ICZN)
(Type: *Mytilus edulis* Linné; Europe?)
- C) *M. edulis* Linné, 1758 (Whole coast, G.O. Sars 1878)
- 572 ARCOIDA
- 5720 ARCACEA
- 57200 ARCIDAE Lamarck, 1809
- Acar* J.E. Gray, 1857
(Type: *Arca gradata* Broderip & G.B. Sowerby I. 1829; eastern Pacific)
(Cf. Knudsen 1970, and Abbott 1974; but see Rost 1955)
- S) *A. nodulosa* (Müller, 1776) (N to 68 degr., G.O. Sars 1878; see also Friele & Grieg 1901)
(= *Arca nodulosa* Müller)
(G.O. Sars 1878)
- Arca* Linné, 1758
(Type: *Arca noae* Linné, 1758; Mediterranean)
- S) *A. tetragona* Poli, 1795 (N to 69.5 degr., Soot-Ryen 1951)
- Arca* -2-
(See *Acar*)
- Arca* -3-
(See *Bathyarca*)
- Bathyarca* Kobelt, 1891
(Type: *Arca pectunculoides* Scacchi; Mediterranean fossil)
(= *Arca* Linné, 1758 (in part))
- *Ab) *B. frielei* (Friele, 1877 ex Jeffreys MS) (Lower slope and Norwegian Sea basin, Bouchet & Warén 1979; see also Friele & Grieg 1901)
- N) *B. glacialis* (J.E. Gray, 1824) (East Finnmark, G.O. Sars 1878; see also Friele & Grieg 1901)
- C) *B. pectunculoides* (Scacchi, 1834)
(N to 70.5 degr., G.O. Sars 1878; whole coast, Friele & Grieg 1901)
(= *Arca pectunculoides septentrionalis* G.O. Sars 1878)
(= *Arca koreni* Danielssen, 1859) (Cf. Friele & Grieg 1901)
- S) *B. philippiana* (Nyst, 1848) (Oslofj., Jeffreys 1870, and 60 degr., Friele 1874)
(= *B. obliqua* (Philippi, 1844) not (Reeve, 1844)) (G.O. Sars 1878)
(= *Arca koreni* Kobelt, 1891 not Danielssen, 1859)
(Cf. Dautzenberg & Fischer 1912)
- 5721 LIMOPSACEA
- 57210 LIMOPSIDAE Dall, 1895
(Cf. Oliver 1981)
- Limopsis* Sassi, 1827
(Type: *Arca aurita* Brocchi; Tertiary fossil)
- *No) *L. aurita* (Brocchi, 1814) (NW of Shetland, Jeffreys 1863, and Simpson 1910)
- N) *L. minuta* (Philippi, 1836) (S to 59 degr., G.O. Sars 1878, and Friele & Grieg 1901)
(= *L. borealis* Woodward, 1858)
- 57211 GLYCYMERIDAE Newton, 1916
- Glycymeris* da Costa, 1778
(Type: *Glycymeris orbicularis* da Costa, Britain?)
- W) *G. glycymeris* (Linné, 1758) (60-62.5 degr., G.O. Sars 1878, and Lande 1975)
(= *G. orbicularis* da Costa, 1778)
(= *Pectunculus glycymeris* (Linné)) (G.O. Sars 1878)
- Pectunculus* Lamarck, 1799 (See *Glycymeris*)
- 573 PTERIOIDA
- 5730 PINNACEA
- 57300 PINNIDAE Leach, 1819
- Atrina* J.E. Gray, 1842
(Type: *Pinna vexillum* Born, 1778; Indo-Pacific)
- *No) *A. fragilis* (Pennant, 1777) (Scottish North Sea Coast, McKay & Smith 1979)
- 574 LIMOIDA
- 5740 LIMACEA
- 57400 LIMIDAE Rafinesque, 1815
- Acesta* H. & A. Adams, 1858
(Type: *Ostrea excavata* Fabricius; Norway)
- C) *A. excavata* (Fabricius, 1779) (Whole coast, G.O. Sars 1878; see also Friele & Grieg 1901, and Kiar & Wollebæk 1913)
(= *Lima excavata* (Fabricius)) (G.O. Sars 1878)

- Lima* Bruguière, 1797 (See *Acesta*)
Lima -2- (See *Limaria*)
Lima -3- (See *Limatula*)
Lima -4- (See *Notolimea*)
- Limaria** Link, 1807
(Type: *Limaria inflata* Link, 1807; Mediterranean)
(= *Lima* Bruguière, 1797 (in part)) (G.O. Sars 1878)
S) *L. hians* (Gmelin, 1791) (N to 68 degr., G.O. Sars 1878)
S) *L. loscombi* G.B. Sowerby I, 1823 (N to 68.5 degr., Dons 1937c; slope 70 degr., Friele & Grieg 1901)
- Limatula** S. Wood, 1839
(Type: *Pecten subauriculata* Montagu; Britain)
(= *Lima* Bruguière, 1797 (in part)) (N to 68 degr., G.O. Sars 1878)
S) *L. gwyni* (Sykes, 1903) (N to 68 degr., G.O. Sars 1878)
(= *L. elliptica* (Jeffreys, 1864) not (Whiteaves, 1861)) (G.O. Sars 1878)
(= *L. sulcata* (Brown, 1827) not (Lamarck, 1819))
*Ar) *L. hyperborea* (Jensen, 1905) (Barents Sea, Ockelmann 1959, and cold area of the Norwegian Sea, Soot-Ryen 1958)
(= *L. gwyni hyperborea* (Jensen))
- S) *L. subauriculata* (Montagu, 1808) (N to 70.5 degr., G.O. Sars 1878)
N) *L. subovata* Jeffreys, 1866 (Slope S to 62.5 degr., and Barents Sea, Friele & Grieg, 1901)
- Limatula** -2- (See *Notolimea*)
Limea Bronn, 1831 (See *Notolimea*)
Mantellum Mörch, 1853 (See *Limaria*)
- Notolimea** Iredale, 1924
(Type: *Lima australis* E.A. Smith, 1891; New South Wales)
(= *Limea* auct., not Bronn 1831) (Cf. Bowden & Heppell 1966)
N) *N. sarsii* (Lovén, 1846) (S to 59 degr., G.O. Sars 1878; see also Friele & Grieg 1901)
(= *Limatula crassa* (Forbes, 1843)) (G.O. Sars 1878)
(= *Lima sarsii* Lovén)
- 575 OSTREOIDEA
5750 OSTREACEA
- OSTREIDAE** Rafinesque, 1815
Ostrea Linné, 1758
(Type: *Ostrea edulis* Linné; Europe?)
S) *O. edulis* Linné, 1758 (N to 65.5 degr., Soot-Ryen 1951; see also Dons 1937a)
- 5751 PECTINACEA
57510 PECTINIDAE Rafinesque, 1815
- Aequiptecten** P. Fischer, 1886
(Type: *Ostrea opercularis* Linné; Europe?)
S) *A. opercularis* (Linné, 1758) (N to 69 degr., Soot-Ryen 1951; see also Dons 1937c)
(= *Chlamys opercularis* (Linné))
(= *Pecten opercularis* (Linné)) (G.O. Sars 1878)
- Arctinula** Thiele, 1935
(Type: *Pecten groenlandicus* Sowerby; Greenland?)
N) *A. groenlandica* (G.B. Sowerby II, 1842) (S to 69.5 degr., G.O. Sars 1878, and Friele & Grieg 1901)
(= *Pecten groenlandicus* G.B. Sowerby II) (G.O. Sars 1878)
- Chlamys** Röding, 1798
(Type: *Ostrea islandica* Gmelin, 1791; Arctic)
(= *Pecten Müller*, 1776 (in part)) (G.O. Sars 1878)
S) *C. distorta* (da Costa, 1778) (N to 69.5 degr., Soot-Ryen 1951; see also Dons 1937b and 1937c)
(= *Hinnites pusio* (Linné, 1758, in part)) (G.O. Sars 1878)
N) *C. islandica* (Müller, 1776) (S to 67 degr., isolated populations S to 59 degr., Greve & Samuelsen 1970; see also Nordgård 1913)
*No) *C. nivea* (Macgillivray, 1825) (Possibly North Sea. McMillan 1968, but see Jeffreys 1863)
S) *C. sulcata* (Müller, 1776) (N to 68 degr., G.O. Sars 1878)
(= *Pecten arata* (Gmelin, 1791)) (G.O. Sars 1878)
S) *C. varia* (Linné, 1758) (N to 64 degr., Dons 1937c; see also Dons 1937b)
- Chlamys* -2- (See *Aequiptecten*)
Chlamys -3- (See *Arctinula*)
Chlamys -4- (See *Cyclopecten*)
Chlamys -5- (See *Delectopecten*)
Chlamys -6- (See *Palliolium*)

- Chlamys* -7- (See *Pseudamussium*)
- Cyclopecten* Verrill, 1897
(Type: *Pecten pustulosus* Verrill; western North Atlantic)
N) *C. imbrifer* (Lövén, 1846)
also Friele & Grieg 1901
(= *C. pustulosus* (Verrill, 1873))
(= *Pecten hoskynsi* auct., not Forbes, 1846)
- Delectopecten* Stewart, 1930
(Type: *Pecten vancouverensis* Whiteaves, 1893; North Pacific)
- S) *D. vitreus* (Gmelin, 1791) (N to 70.5 degr., G.O. Sars 1878; see also Friele & Grieg 1901)
(= *Pecten abyssorum* (Lövén)) (Cf. Friele & Grieg 1901, and Jensen 1912) (G.O. Sars 1878)
- Delectopecten* -2- (See *Similipecten*)
- Hinnites* DeFrance, 1821
- Hyalopecten* Verrill, 1897
(Type: *Hyalopecten dilectus* Verrill & Bush, 1897; western North Atlantic)
- *Ab) *H. frigidus* (Jensen, 1904) (Norwegian Sea basin, Bouchet & Warén 1979; see also Friele & Grieg 1901)
(= *Pecten fragilis* auct., not Jeffreys, 1876) (Cf. Jensen 1904)
- Palliolum* Monterosato, 1884
(Type: *Pecten incomparabilis* Risso; Mediterranean)
- S) *P. furtivum* (Lövén, 1846)
(= *Pecten testae* auct., not (Philippi, 1836)) (G.O. Sars 1878)
(= *Pecten incomparabilis* Risso, 1826) (Cf. Friele & Grieg 1901)
- S) *P. striatum* (Müller, 1776)
(N to 71 degr., G.O. Sars 1878)
- C) *P. tigrinum* (Müller, 1776) (Whole coast, G.O. Sars 1878, Sparre Schneider 1893)
(= *P. irradiatum* (Müller, 1776)) (Cf. Soot-Ryen 1963)
- Pecten* Müller, 1776
(Type: *Ostrea maxima* Linné; Europe?)
- S) *P. maximus* (Linné, 1758) (N to 67 degr., Dons 1937c; see also Dons 1931b, and Soot-Ryen 1951)
(= *Vola maxima* (Linné)) (G.O. Sars 1878)
- Pecten* -2- (See *Aequipecten*)
- Pecten* -3- (See *Arctinula*)
- Pecten* -4- (See *Chlamys*)
- Pecten* -5- (See *Cyclopecten*)
- Pecten* -6- (See *Delectopecten*)
- Pecten* -7- (See *Hyalopecten*)
- Pecten* -8- (See *Palliolum*)
- Pecten* -9- (See *Pseudamussium*)
- Pecten* -10- (See *Similipecten*)
- Pseudamussium* Mörch, 1853
(Type: *Pecten septemradiatus* Müller; Norway?)
(Cf. Bull. zool. Nom. 21:355)
- C) *P. septemradiatum* (Müller, 1776)
(= *Pecten septemradiatus* Müller)
(Whole coast, G.O. Sars 1878)
(G.O. Sars 1878)
- Similipecten* Winckworth, 1932
(Type: *Pecten similis* Laskey; Britain)
- C) *S. similis* (Laskey, 1811) (N to 70.5 degr., G.O. Sars 1878, whole coast, Sparre Schneider 1885)
(= *Pecten similis* Laskey) (G.O. Sars 1878)
(= *Delectopecten similis* (Laskey))
- Vola* Mörch, 1853
(See *Pecten*)
- 5752 ANOMIACEA
- 57520 ANOMIIDAE Rafinesque, 1815
- Anomia* Linné, 1758
(Type: *Anomia ephippium* Linné; Mediterranean) (Cf. Jensen 1912)
- ?No) *A. ephippium* Linné, 1758 (Possibly in the North Sea, Tebble 1976, cf. McKay & Smith 1979)
- Anomia* -2- (See *Heteranomia*)
- Anomia* -3- (See *Pododesmus*)
- Heteranomia* Winckworth, 1922
(Type: *Anomia squamula* Linné; Europe?)
- C) *H. squamula* (Linné, 1758)
(= *Anomia aculeata* (Linné))
(= *Pododesmus squamula* (Linné))
(Whole coast, Dons 1937b)
(G.O. Sars 1878)
(McKay & Smith 1979)
- Monia* J.E. Gray, 1850
(See *Pododesmus*)

Pododesmus Philippi, 1837

(Type: *Pododesmus decipiens* Philippi, 1837; West Atlantic)

- S) *P. patelliformis* (Linné, 1761) (N to 70.5 degr., Dons 1937b)
(= *Anomia ephippium* auct., not (Linné)) (G.O. Sars 1878)
(= *Monia patelliformis* (Linné))
S) *P. squama* (Gmelin, 1791) (N to 63.5 degr., G.O. Sars 1878, and Lande 1975)
(= *Monia squama* (Gmelin)) (G.O. Sars 1878)
(= *Anomia striata* (Brocchi, 1814))
(= *Pododesmus patelliformis* (Linné) (in part)) (Cf. McKay & Smith 1979)

Pododesmus -2-

(See *Heteranomia*)

576 VENEROIDA

576 LUCINACEA

57600 LUCINIDAE Fleming, 1828

Lucina Bruguière, 1798

Lucina -2-

(See *Myrtea*)

Lucinoma Dall, 1901

(Type: *Lucina filosa* Stimpson, 1851; western North Atlantic)

- C) *L. borealis* (Linné, 1767) (Whole coast, G.O. Sars 1878; but see Sparre Schneider 1885)
(= *Phacoides borealis* (Linné)) (G.O. Sars 1878)
(= *Lucina borealis* (Linné))

Myrtea Turton, 1822

(Type: *Venus spinifera* Montagu; Britain)

- S) *M. spinifera* (Montagu, 1803) (N to 63 degr., G.O. Sars 1878, and Lande 1975)
(= *Lucina spinifera* (Montagu)) (G.O. Sars 1878)

Phacoides Blainville, 1825

57601 THYASIRIDAE Dall, 1900

Axinopsida Keen & Chavan, 1951

(Type: *Axinopsis orbiculata* G.O. Sars; northern Norway)

(= *Axinopsis* G.O. Sars, 1878 not Tate, 1868)

- N) *A. orbiculata* (G.O. Sars, 1878) (S to 67.5 degr., Friele & Grieg 1901; see also Sparre Schneider 1885)

Axinopsis G.O. Sars, 1878

Axinulus Verrill & Bush, 1898

Axinus J. Sowerby, 1821

Axinus -2-

Leptaxinus Verrill & Bush, 1898

(Type: *Leptaxinus minutus* Verrill & Bush, 1898; western North Atlantic)

?No) *L. incrassatus* (Jeffreys, 1876) (A record from the northern North Sea, Simpson 1910, is a misidentification, according to Ockelmann, pers. comm.)

Thyasira Lamarck, 1818 ex Leach MS

(= Type: *Tellina flexuosa* Montagu; Britain)

(= *Axinus* J. Sowerby, 1821) (G.O. Sars 1878)

S. gen.: *Thyasira* s. str.

- S) *T. flexuosa* (Montagu, 1803) (N to 62 degr., Lande 1975)
N) *T. gouldi* (Philippi, 1845) (S to 67.5 degr., G.O. Sars 1878; 62.5 degr., Lande 1975; see also Sparre Schneider 1885)
W) *T. obsoleta* (Verrill & Bush, 1898) (N to 68 degr., G.O. Sars 1878)
(= *Axinus croulinensis* Jeffreys, 1863) (G.O. Sars 1878)
C) *T. sarsii* (Philippi, 1845) (Whole coast, G.O. Sars 1878)

S. gen.: *Parathyasira* Iredale, 1930

(Type: *Parathyasira resupina* Iredale, 1930; Australia)

- S) *T. equalis* (Verrill & Bush, 1898) (N to 65 degr., Lande 1975)
(= *Axinus obesus* (Verrill, 1872)) (G.O. Sars 1878)
W) *T. granulosa* (Monterosato, 1875) (60.5 degr., Høisæter unpublished)

S. gen.: *Axinulus* Verrill & Bush, 1898

(Type: *Axinulus brevis* Verrill & Bush, 1898; western North Atlantic, deep water)

- S) *T. croulinensis* Jeffreys, 1847 (63 degr., Lande 1975)
S) *T. eumyaria* (M. Sars, 1870) (N to 69 degr., G.O. Sars 1878; and Rygg unpublished)

S. gen.: (Unnamed)

- S) *T. ferruginea* (Forbes, 1851) (N to 68 degr., G.O. Sars 1878)
(= *Axinus ferruginosus* (Forbes, 1844) not (Morris, 1843)) (G.O. Sars 1878)
W) *T. pygmaea* (Verrill & Bush, 1898) (60-63 degr., Lande 1975 and Høisæter unpublished)

Thyasira

-2-

(See *Leptaxinus*)

- 5761 GALEOMMATACEA
(= LEPTONACEA) (Cf. Ponder 1971)
- 57610 LEPTONIDAE J.E. Gray, 1847
(Opinion 217 of ICZN)
- Erycina* Lamarck, 1805
(Type: *Erycina pellucida* Lamarck, 1805; Tertiary fossil)
- S) *E. nitida* (Turton, 1822) (Oslofj., Jeffreys 1870; 60–60.5 degr., Friele 1874)
(= *Lepton nitidum* Turton)
(G.O. Sars 1878)
- Lepton* Turton, 1822
(Type: *Solen squamosus* Montagu; Britain)
- *No) *L. squamosum* (Montagu, 1803)
Coast, McKay & Smith 1979)
(Possibly Scottish North Sea)
- 57611 LASAEIDAE J.E. Gray, 1842
- Axinodon* Verrill & Bush, 1898
(Type: *Axinodon ellipticus* Verrill & Bush; western North Atlantic, deep water)
- *Ab) *A. symmetros* (Jeffreys, 1876)
basin, Friele & Grieg 1901, and Bouchet & Warén 1979)
(= *Kelliola symmetros* (Jeffreys))
(= *A. ellipticus* Verrill & Bush, 1898) (Cf. Bouchet & Warén 1979)
Decipula Friele, 1876 ex Jeffreys MS
- Devonia* Winckworth, 1930
(Type: *Synapticicola perrieri* Malard; Europe?)
- S) *D. perrieri* (Malard, 1904)
Johannessen & Wikander 1976)
(Southeastern coast and 60.5 degr.,
(See *Montacuta*)
- Epilepton* Dall, 1899
(Type: *Lepton clarkiae* Clark; Britain)
- *Sw) *E. clarkiae* (Clark, 1852)
(Bohuslän, Ockelmann pers. comm.)
- Kellia* Turton, 1822
(Type: *Mya suborbicularis* Montagu; Britain)
- S) *K. suborbicularis* (Montagu, 1803) (N to 70 degr., G.O. Sars 1878; lower
slope at 70 degr., Friele & Grieg 1901)
(= *K. lactea* (Brown, 1827)) (Ockelmann pers. comm.) (G.O. Sars 1878)
(= *Tellimya suborbicularis* (Montagu))
(Ockelmann 1959)
- Kelliola* Dall, 1899
(See *Axinodon*)
- Lasaea* Brown, 1827
(Type: *Cardium rubrum* Montagu; Britain)
- W) *L. rubra* (Montagu, 1803) (59–63 degr., Norman 1879, Friele & Grieg 1901,
and Kensler 1964)
(= *L. adansonii* (Gmelin, 1791)) (Cf. Abbott 1974)
- Lepton* –2–
(See *Erycina*)
- Mancikellia* Dall, 1899
(Type: *Montacuta pumila* S. Wood; Pliocene? fossil)
- N) *M. pumila* (S. Wood, 1850) (Lower slope, 70 degr., Friele & Grieg 1901; also
recorded from localities on the Norwegian shelf, Ockelmann, pers. comm.;
recently found by P. Johannessen in outer fjord habitat at 60 degr.,
Ockelmann det.) (= *Lasaea pumila* S. Wood) (Cf. Friele & Grieg 1901)
- Montacuta* Turton, 1822
(Type: *Ligula substriata* Montagu; Britain)
- S) *M. ferruginosa* (Montagu, 1808) (N to 70 degr., G.O. Sars 1878)
(= *M. nivea* (G.O. Sars, 1878)) (Ockelmann pers. comm.)
(= *Tellimya ferruginosa* (Montagu))
- S) *M. substriata* (Montagu, 1808) (N to 70 degr., G.O. Sars 1878)
S) *M. tenella* Lovén, 1846) (N to 68 degr., Ockelmann 1965)
(= *Decipula ovata* Friele, 1875) (Cf. Ockelmann 1965)
(= *Tellimya ovalis* G.O. Sars, 1878)
W) *M. voeringi* Friele, 1877 (61 degr., empty shell, Friele & Grieg 1901)
- N) "M." *maltzani* Verkrüzen, 1876 (East Finnmark, Backeljau et al. 1984)
(= *Mysella maltzani* (Verkrüzen, 1876)) (Backeljau et al. 1984)
(Probably not a *Mysella* nor a *Montacuta*, Ockelmann pers. comm.)
- Montacuta* –2–
(See *Mysella*)
- Mysella* Angas, 1877
(Type: *Mysella anomala* Angas, 1877; Australia)
- S) *M. bidentata* (Montagu, 1803) (N to 70 degr., G.O. Sars 1878)
(Cf. Ockelmann & Muus 1978)
- S) *M. tumidula* (Jeffreys, 1866) (Oslofj., Jeffreys 1870, and 60–68 degr., G.O.
Sars 1878)
- Tellimya* Brown, 1827
(See *Kellia*)
- Tellimya* –2–
(See *Montacuta*)

- 57612 GALEOMMATIDAE J.E. Gray, 1840
- Galeomma* Turton, 1825
(Type: *Galeomma turtoni* Sowerby; Britain?)
- ? *G. turtoni* (G.B. Sowerby I, 1825)
(Reported from western Norway, G.O. Sars 1878, p. 354. As this is a southern species, otherwise never recorded north of southwestern England, and it has proved impossible to trace the source from which G.O. Sars has taken his record, I regard this as a very doubtful Norwegian record)
- 5762 CARDITACEA
- 57620 CONDYLOCARDIIDAE Bernard, 1896
- Altenaeum* Spalink, 1972
(Type: *Altenaeum nortoni* Spalink; Pleistocene fossil)
- N) *A. dawsoni* (Jeffreys, 1864) (S to 69 degr., Oslofj., only empty shells found, Backeljau et al. 1984; 61.5 degr., Friele & Grieg 1901; a few records by Friele from 60 degr., are stated by Norman (1879) to be due to mistakes (= *A. nortoni* Spalink, 1972)
(= *Montacuta dawsoni* Jeffreys)
(= *Mysella dawsoni* (Jeffreys))
(Provisionally placed in this family, cf. Backeljau et al. 1984; Ockelmann (in litt) strongly contests this conclusion, preferring to keep the genus in the Montacutidae (= Lasaeidae in this list))
- Montacuta* -3-
(See *Altenaeum*)
- Mysella* -2-
(See *Altenaeum*)
- 5763 ASTARTACEA (= CRASSATELLACEA)
- 57630 ASTARTIDAE Orbigny, 1844
(Cf. Bowden & Heppell 1968, and Soot-Ryen 1958)
- Astarte* J. Sowerby, 1816
(Type: *Venus scotica* Maton & Rackett; Britain)
- N) *A. acuticostata* Friele, 1877 ex Jeffreys MS (Slope S to 62.5 degr., Friele & Grieg 1901)
(Barents Sea, Lubinsky 1980)
- *Ar) *A. aretica* (J.E. Gray, 1824)
(S to 68 degr., G.O. Sars 1878, 60.5 degr., G.O. Sars 1878, and Friele & Grieg 1901)
(= *Tridontia borealis* (Chemnitz, 1784))
- N) *A. crebricostata* McAndrews & Forbes, 1847
(S to 68 degr., and 60.5 degr., Ockelmann pers. comm.)
- N) *A. crenata* (J.E. Gray, 1824) (S to 68 degr., Soot-Ryen 1958; lower slope S to 62.5 degr., Friele & Grieg 1901)
- C) *A. elliptica* (Brown, 1827)
(Whole coast, G.O. Sars 1878)
(G.O. Sars 1878)
- C) *A. montagui* (Dillwyn, 1817)
(Whole coast, G.O. Sars 1878)
(Cf. Lubinsky 1980)
(G.O. Sars 1878)
- S) *A. sulcata* (da Costa, 1778)
(N to 70.5 degr., G.O. Sars 1878)
(= *A. scotica* (Maton & Rackett, 1807))
- Astarte* -2-
(See *Goodallia*)
- Goodallia* Turton, 1822
(Type: *Macra triangularis* Montagu; Britain)
- *No) *G. triangularis* (Montagu, 1803)
(North Sea, Tebble 1976, and McKay & Smith 1979)
(= *Astarte triangularis* (Montagu))
- Nicania* Leach, 1819
(See *Astarte*)
- Tridontia* Schumacher, 1817
(See *Astarte*)
- 5764 CARDIACEA
- 57640 CARDIIDAE Lamarck, 1818
(Cf. Bowden & Heppell 1968, and Høpner Petersen & Russell 1973)
- Acanthocardia* J.E. Gray, 1851
(Type: *Cardium aculeatum* Linné; Europe?)
- ? *A. aculeata* (Linné, 1758) (Possibly western Norway, G.O. Sars 1878, p. 353; but see Norman 1879, p. 60)
- S) *A. echinata* (Linné, 1758)
(= *Cardium aculeatum* Linné, 1758)
(G.O. Sars 1878)
see also Sparre Schneider 1885
(N to 71 degr., G.O. Sars 1878; (= *Cardium echinatum* Linné, 1758))
- Aphrodite* Lea, 1834
(See *Serripes*)
- Cardium* Linné, 1758
(See *Acanthocardia*)
- Cardium* -2-
(See *Cerastoderma*)
- Cardium* -3-
(See *Ciliatocardium*)
- Cardium* -4-
(See *Serripes*)
- Cerastobysus* Høpner Petersen & Russell, 1973 (See *Cerastoderma*)

- Cerastoderma* Poli, 1795 (Cf. Høpner Petersen & Russell 1973)
(Type: *Cardium edule* Linné, Europe?)
(= *Cardium* Linné, 1758 (in part))
- S gen.: *Cerastoderma* s. str.
- S) *C. edule* (Linné, 1758)
(= *Cardium edule* Linné, 1758)
- S) *C. glaucum* (Poiré, 1789)
(= *Cardium lamarcki* Reeve, 1845) (Cf. Bowden & Heppell 1968;
but see Brock 1980)
- S gen.: *Parvicardium* Monterosato, 1884
(Type: *Cardium parvum* Philippi, 1844; Mediterranean)
& Heppell 1968; but see Høpner Petersen & Russell 1971; 1973)
- N) *C. elegantulum* (Møller 1842 ex Beck MS)
Schneider 1886; see also Sparre Schneider 1893, and Friele & Grieg 1901
(S to 69.5 degr., Sparre)
- S) *C. elegantulum* (Beck, 1875)
(Nordstreck 1969)
- S) *C. exiguum* (Gmelin, 1791)
(N to 70 degr., G.O. Sars 1878)
- (= *Cerastobysium exiguum* (Gmelin, 1791))
- *Da) *C. hauniense* (Høpner Petersen & Russell, 1971) (Southwestern Danish
Islands, Høpner Petersen & Russell 1971)
- (= *Cerastobysium hauniense* (Høpner Petersen & Russell))
- S) *C. minimum* (Philippi, 1836) (N to 71 degr., G.O. Sars 1878, and Friele & Grieg
1901)
- (= *C. minimum suedense* (Reeve, 1845))
- C) *C. ovale* (G.B. Sowerby II, 1840)
(Whole coast, G.O. Sars 1878)
- (= *C. fasciatum* (Montagu, 1803))
- S) *C. scabrum* (Philippi, 1844)
(N to 70.5 degr., G.O. Sars 1878)
- (= *C. nodosum* (Turton, 1822))
- Ciliatocardium* Kafanov, 1974
(Type: *Cardium ciliatum* Fabricius; Greenland)
- N) *C. ciliatum* (Fabricius, 1780)
(East Finnmark, Soot-Ryen 1951)
- (= *Cardium ciliatum* (Fabricius))
- (= *Clinocardium ciliatum* (Fabricius))
- Clinocardium* Keen, 1936
- Laevicardium* Swainson, 1840
(Type: *Cardium oblongum* Gmelin, 1791; Mediterranean)
- S) *L. crassum* (Gmelin, 1791)
(N to 62 degr.?, G.O. Sars 1878)
- (= *L. norvegicum* (Spengler, 1791))
- Parvicardium* Monterosato, 1884
(See *Cerastoderma*)
- Serripes* Gould, 1841 ex Beck MS
(Type: *Cardium groenlandicum* Bruguière; Greenland)
(Cf. Kafanov 1980, p. 316)
- N) *S. groenlandicus* (Bruguière, 1798)
(East Finnmark, Soot-Ryen 1951)
- (= *Aphrodite groenlandica* (Chemnitz, 1782))
(G.O. Sars 1878)
- Vepricardium* Iredale, 1929
(See *Cerastoderma*)
- 5765 MACTRACEA
- 57650 MACTRIDAE Lamarck, 1809
- Lutraría* Lamarck, 1799
(Type: *Mya lutraría* Linné; Mediterranean)
- W) *L. lutraría* (Linné, 1758) (60.5 degr., Friele 1874; see also Nordgård 1915)
- (= *L. elliptica* Lamarck, 1799)
(G.O. Sars 1878)
- Mactra* Linné, 1767
(Type: *Cardium stultorum* Linné; Mediterranean)
- S) *M. corallina* (Linné, 1758)
(Norweg. west coast, G.O. Sars 1878)
- (= *M. stultorum* auct., not (Linné, 1758))
(G.O. Sars 1878)
- (= *Trigonella stultorum* (Linné))
- Mactra* -2-
- Spisula* J.E. Gray, 1837
(Type: *Cardium solidum* Linné; Europe?)
- (= *Mactra* Linné, 1767 (in part))
(G.O. Sars 1878)
- C) *S. elliptica* (Brown, 1827)
(Whole coast, G.O. Sars 1878; see also Friele & Grieg 1901)
- (= *Mactra gallina* da Costa, 1778)
- *No) *S. solida* (Linné, 1758)
(Common in the North Sea and on the
Scottish North Sea Coast, McKay & Smith 1979; also found on the west
coast of Jutland, Ockelmann pers. comm.)
- ? *S. solidissima* (Dillwyn, 1817) (Recorded by Lovén from west Finnmark, not
found by G.O. Sars 1878)
- (= *Mactra solidissima* Chemn.)
(G.O. Sars 1878)
- S) *S. subtruncata* (da Costa, 1778) (N to 67.5 degr., empty shells to 70 degr.,
G.O. Sars 1878)
- Trigonella* da Costa, 1778
(See *Mactra*)

5766 SOLENACEA

57660 SOLENIDAE Lamarck, 1809

Cultellus Schumacher, 1817

(See *Phaxas*)

Ensis Schumacher, 1817

(Type: *Ensis magnus* Schumacher; Mediterranean)(= *Solen* Linné, 1758, in part)W) *E. arcuatus* (Jeffreys, 1865)

(62–64 degr., van Urk 1964)

(= *E. arcuatus norvegicus* (van Urk, 1964))?S) *E. ensis* (Linné, 1758)

(Not found in collections from Tromsø and Trondheim, van Urk 1964; but see G.O. Sars 1878 and Nordgård 1915)

T) *E. magnus* Schumacher, 1817

(Trondheimsfj., van Urk 1964)

S) *E. minor* (Chenu, 1843) (Southeastern coast, van Urk 1964, but see Tebble 1976)S) *E. siliqua* (Linné, 1758)

(N to 63.5 degr., van Urk 1964)

Phaxas J.E. Gray, 1852 ex Leach MS

(Type: *Solen pellucidus* Pennant; Britain?)S) *P. pellucidus* (Pennant, 1777) (N to 70 degr., Dons 1931b; See also Soot-Ryen 1951)(= *Cultellus pellucidus* (Pennant))

Solen Linné, 1758

(Type: *Solen vagina* Linné, 1758; Europe)?) *S. marginatus* Montagu, 1803 (Cf. Soot-Ryen unpubl. and Ockelmann 1959; see also Tebble 1976)(= *S. vaginus* Linné, 1758)

Solen -2-

(See *Ensis*)

5767 TELLINACEA

57670 TELLINIDAE Blainville, 1814

Arcopagia Brown, 1827 ex Leach MS

(Type: *Tellina crassa* Pennant; Britain)*No) *A. balaustina* (Linné, 1758) (Scottish North Sea Coast, McKay & Smith 1979)(= *Tellina balaustina* (Linné))(= ?*A. britannica* (Tomlin, 1934))S) *A. crassa* (Pennant, 1778)(= *Tellina crassa* (Pennant))

(N to 66.5 degr., Soot-Ryen 1951)

(G.O. Sars 1878)

Asbjørnsenia Friele, 1886

(See *Tellina*)

Fabulina J.E. Gray, 1851

(See *Tellina*)

Laciolina Iredale, 1937

(See *Tellina*)

Macoma Leach, 1819

(Type: *Macoma tenera* Leach; Europe?)C) *M. balthica* (Linné, 1758)

(Whole coast, G.O. Sars 1878)

C) *M. calcarea* (Gmelin, 1790)

(Whole coast, G.O. Sars 1878)

(= *M. calcaria* (Chemnitz))

(G.O. Sars 1878)

(= *M. tenera* Leach, 1819)

Macoma

-2-

Moerella Fischer, 1887

(See *Tellina*)

Tellina Linné, 1758

(Type: *Tellina radiata* Linné, 1758; West Indies)S gen.: *Tellina* s. str.S) *T. tenuis* da Costa, 1778

(N to 70 degr., G.O. Sars 1878)

(= *Macoma tenuis* (da Costa))

(G.O. Sars 1878)

S gen.: *Laciolina* Iredale, 1937(Type: *Tellina quoyi* G.B. Sowerby II, 1868; Australia)?No) *T. squalida* Pulteney, 1799

(Possibly Scottish North Sea Coast, McKay & Smith 1979; Skagerrak, Tebble 1976)

S gen.: *Fabulina* J.E. Gray, 1851(Type: *Tellina fabula* Gmelin; Mediterranean)W) *F. fabula* (Gmelin, 1791)

(60–68.5 degr., G.O. Sars 1878)

(= *Macoma fabula* (Gronovius))

(G.O. Sars 1878)

S gen.: *Moerella* Fischer, 1887(Type: *Tellina donacina* Linné, 1758; Europe?)S) *M. pygmaea* (Lovén, 1846) (N to 70 degr., Soot-Ryen 1951; see also Dons 1937d, and Friele & Grieg 1901)(= *Tellina pusilla* Philippi, 1836)

(G.O. Sars 1878)

(= *Asbjørnsenia striata* Friele, 1886)

(Cf. Keen 1969)

Tellina

-2-

57671 DONACIDAE Fleming, 1828

Donax Linné, 1758

(Type: *Donax rugosa* Linné, 1758; West Africa)

- *No) *D. vittatus* (da Costa, 1778) (Scottish North Sea Coast, McKay & Smith 1979; from Norway, Bohuslän and along west coast of Jutland, Jensen & Spärck 1934; fresh shells from Jæren (58.5 degr.), Soot-Ryen unpublished)
- 57672 PSAMMOBIIDAE Fleming, 1828
(Opinion 910 of ICZN)
- Gari* Schumacher, 1817
(Type: *Gari vulgaris* Schumacher, 1817; Indo-Pacific)
(= *Psammobia* Lamarck, 1818) (G.O. Sars 1878)
(Norwegian west coast, G.O. Sars 1878; but see Nordgård 1915)
- S) *G. costulata* (Turton, 1822)
(= *Psammobella costulata* (Turton))
- S) *G. depressa* (Pennant, 1777) (N to 67 degr., Dons 1931b; see also Soot-Ryen 1951)
(= *Gobraeus depressa* (Pennant))
(= *Psammobia vespertina* (Chemnitz, 1786))
(= *Psammocola depressa* (Pennant))
- C) *G. fervens* (Gmelin, 1791)
(= *G. ferroensis* (Chemnitz))
- S) *G. tellinella* (Lamarck, 1818) (N to 70 degr., Soot-Ryen 1951; see also Dons 1931b)
(= *Psammobella tellinella* (Lamarck))
- Gobraeus* Brown, 1844
Psammobella J.E. Gray, 1851
Psammobia Lamarck, 1818
Psammocola Blainville, 1824
- 57673 SCROBICULARIIDAE H. & A. Adams, 1856
- Abra* Lamarck, 1818 ex Leach MS
(Type: *Macra tenuis* Montagu; Britain)
(= *Syndosmya* Récluz, 1843)
- S) *A. alba* (W. Wood, 1802)
(N to 67.5 degr., G.O. Sars 1878)
- S) *A. longicallus* (Scacchi, 1834)
(N to 68 degr., G.O. Sars 1878)
(= *A. longicallis* (Scacchi)) (G.O. Sars 1878)
- S) *A. nitida* (Müller, 1789)
(N to 70.5 degr., G.O. Sars 1878)
- S) *A. prismatica* (Montagu, 1803)
(N to 70.5 degr., G.O. Sars 1878)
- *No) *A. tenuis* (Montagu, 1803)
(Northumberland, Tebble 1976; possibly Scottish North Sea Coast, McKay & Smith 1979)
- Scrobicularia* Schumacher, 1815
(Type: *Scrobicularia calcaria* Schumacher; Europe)
- S) *S. plana* (da Costa, 1778) (N to 62 degr., ? G.O. Sars 1878)
(= *S. piperata* (Poiret, 1786)) (G.O. Sars 1878)
(= *S. calcaria* Schumacher, 1815)
- Syndosmya* Récluz, 1843 (See *Abra*)
- 57674 SOLECURTIDAE Orbigny, 1846
- Solecurtus* Blainville, 1824
(Type: *Solen strigillatus* Linné, 1758; Mediterranean)
- W) *S. chamasolen* (da Costa, 1778) (Cf. Soot-Ryen unpublished)
(= *S. antiquatus* (Donovan, 1804?))
(= *Zozia chamasolen* (da Costa))
- *No) *S. scopula* (Turton, 1822) (Northern North Sea, McKay & Smith 1979)
(= *S. candidus* (Renieri, 1804?)) (Cf. Dons 1937d)
- Zozia* Winckworth, 1930 (See *Solecurtus*)
- 5768 ARCTICACEA
- 57680 ARCTICIDAE Newton, 1891
- Arctica* Schumacher, 1817
(Type: *Arctica vulgaris* Schumacher; Europe?)
(= *Cyprina* Lamarck, 1818) (G.O. Sars 1878)
(Whole coast, G.O. Sars 1878)
- C) *A. islandica* (Linné, 1767)
(= *A. vulgaris* Schumacher, 1817)
- Cyprina* Lamarck, 1818 (See *Arctica*)
- 5769 GLOSSACEA
- 57690 GLOSSIDAE J.E. Gray, 1847
- Glossus* Poli, 1795
(Type: *Glossus rubicundus* Poli; Mediterranean)
- S) *G. humanus* (Linné, 1758) (Cf. Bowden & Heppell 1968)
(= *G. rubicundus* Poli, 1795) (N to 66 degr., Lande 1970)
(= *Isocardia cor* (Linné, 1767)) (G.O. Sars 1878)
- Isocardia* Lamarck, 1801 (See *Glossus*)
- 57691 KELLIELLIDAE P. Fischer, 1887 (Cf. Boss 1982)
- Kelliella* M. Sars, 1870 (Cf. Odhner 1960)
(Type: *Kelliella abnormis* M. Sars; Norway)

- S) *K. miliaris* (Philippi, 1844)
(= *K. abyssicola* M. Sars, 1870)
- 5770 VENERACEA
- 57700 VENERIDAE Rafinesque, 1815
- S. fam.: VENERINAE s. str.
- Circomphalus* Mørch, 1853
(Type: *Venus plicata* Gmelin, 1791; West Africa)
- S) *C. casina* Linné, 1758
(N to Trondheimsfj., Friele & Grieg 1901, and Lande 1975)
(= *Venus casina* Linné)
(G.O. Sars 1878)
- Clausinella* J.E. Gray, 1851
(Type: *Pectunculus fasciatus* da Costa; Britain)
- S) *C. fasciata* (da Costa, 1778) (N to 67.5 degr., Dons 1931b; see also Soot-Ryen 1951)
(= *Venus fasciata* da Costa)
(G.O. Sars 1878)
- Venus* Linné, 1758
- Venus* -2-
(See *Circomphalus*)
- S. fam.: GAFRARIINAE Korobkov, 1954 (Opinion 1189 of ICZN)
- Circe* Schumacher, 1817
- Gafrarium* Röding, 1798
- Gouldia* C.B. Adams, 1847
(Type: *Thetis cerina* C.B. Adams, 1845; western Atlantic)
- W) *G. minima* (Montagu, 1803)
(= *Gafrarium minimum* (Montagu))
(= *Circe minima* (Montagu))
(60 degr., Norman 1879)
(G.O. Sars 1878)
- S. fam.: DOSINIINAE Deshayes, 1853
- Dosinia* Scopoli, 1777
(Type: *Venus concentrica* Born, 1778 (= *Chama dosin* Adanson, prelinnean); Caribbean)
(Cf. Bowden & Heppell 1968)
(N to 68 degr., Dons 1931b)
(N to 70 degr., Soot-Ryen 1951)
(Cf. Soot-Ryen 1951)
- S) *D. exoleta* (Linné, 1758)
- S) *D. lincta* (Pulteney, 1799)
(= *D. lupinus* auct., not (Linné, 1758))
(= *D. lupinus comita* (Lovén, 1846))
(Cf. Soot-Ryen 1951)
- S. fam.: TAPETIINAE J.E. Gray, 1851
- Cyamium* Philippi, 1845
(See *Turtonia*)
- Paphia* Röding, 1798
(See *Venerupis*)
- Ruditapes* Chiamenti, 1900
(See *Tapes*)
- Tapes* Mühlfeld, 1811
(Type: *Venus literata* Linné, 1758; Indo-Pacific)
- S) *T. decussatus* (Linné, 1758)
(= *T. decussatus fusca* (Gmelin, 1791))
(= *Ruditapes decussatus* (Linné))
(N to 62 degr., Dons 1941)
- Tapes* -2-
(See *Venerupis*)
- Turtonia* Alder, 1848
(Type: *Venus minuta* Fabricius; Greenland)
(Cf. Ockelmann 1964, but see Chavan 1969)
- C) *T. minuta* (Fabricius, 1780)
(= *Cyamium minutum* (Fabricius))
(Whole coast, G.O. Sars 1878)
(G.O. Sars 1878)
- Venerupis* Lamarck, 1818
(Type: *Venus perforans* Montagu, 1803; Britain)
- S) *V. aurea* (Gmelin, 1791)
(= *Tapes Mühlfeld*, 1811 (in part))
(= *Paphia aurea* (Gmelin))
(G.O. Sars 1878)
(N to 63.5 degr., Dons 1941)
- C) *V. puillastra* (Montagu, 1803)
(= *V. senegalensis* (Gmelin, 1791)) (Cf. Bowden & Heppell 1968)
(N to 70 degr., Dons 1941)
- S) *V. rhomboides* (Pennant, 1777) (N to 67.5 degr., Dons 1931b; see also Dons 1941)
(= *V. virginea* (Linné, 1767))
(= *V. edulis* (Chemnitz, 1784))
(= *Paphia rhomboides* (Pennant))
(G.O. Sars 1878)
- S) *V. saxatilis* (Fleuriau, 1802)
(Cf. Soot-Ryen, unpublished)
- S. fam.: CHIONINAE Mørch, 1853
- Chamelea* Mørch, 1853
(Type: *Venus gallina* Linné, Mediterranean)
- C) *C. striatula* (da Costa, 1778)
(= *C. gallina* auct., not (Linné, 1758)) (Ockelmann pers. comm.; but see Bowden & Heppell 1968)
(= *Venus gallina* Linné)
(G.O. Sars 1878)
- Timoclea* Brown, 1827
(Type: *Venus ovata* Pennant; Britain)

- C) *T. ovata* (Pennant, 1777)
(= *Venus ovata* Pennant)
(Whole coast, G.O. Sars 1878)
- Venus* -3-
(See *Chamelea*)
Venus -4-
(See *Timoclea*)
- 57701 PETRICOLIDAE Orbigny, 1837
Lucinopsis Forbes & Hanley, 1848
(See *Mysia*)
- Mysia* Lamarck, 1818 ex Leach MS
(Type: *Venus undata* Pennant; Britain)
- S) *M. undata* (Pennant, 1777) (N to 67.5 degr., Dons 1931b; see also Soot-Ryen 1951)
(= *Lucinopsis undata* (Pennant))
(G.O. Sars 1878)
(Ockelmann (pers. comm.) consider this species to be a venerid)
- Petricola* Lamarck, 1801
(See *Petricolaria*)
- Petricolaria* Stoliczka, 1871
(Type: *Petricola pholadiformis* Lamarck; eastern North America)
- S) *P. pholadiformis* Lamarck, 1818
(Southeastern coast, Rustad 1955)
- 578 MYOIDA
MYACEA
- 57800 MYIDAE Lamarck, 1809
(Cf. Stokland 1985)
- Mya* Linné, 1758 (Opinion 94 of ICZN)
(Type: *Mya truncata* Linné; Europe?)
(Whole coast, G.O. Sars 1878)
- C) *M. arenaria* Linné, 1758
(S to 67 degr., Soot-Ryen 1951)
(Cf. Lubinsky 1980)
- N) *M. pseudoarenaria* Schlessch, 1931
(= *M. truncata ovata* Jensen, 1900)
- C) *M. truncata* Linné, 1758
(Whole coast, G.O. Sars 1878)
- Sphaenia* Conrad, 1837
(See *Sphenia*)
- Sphenia* Turton, 1822
(Type: *Sphenia binghami* Turton; Britain)
- W) *S. binghami* Turton, 1822 (60 degr., Friele 1874, p. 3 & 24; N to 69.5 degr., Soot-Ryen unpublished)
- 57801 CORBULIDAE Lamarck, 1818
- Corbula* Bruguière, 1797
(Type: *Corbula sulcata* Lamarck, 1801; West Africa)
(N to 70.5 degr., G.O. Sars 1878)
- S) *C. gibba* (Olivé, 1792)
(= *Aloidis gibba* (Olivé))
- 5781 HIATELLACEA
57810 HIATELLIDAE J.E. Gray, 1824
(See *Saxicavella*)
- Arcinella* Philippi, 1844
- Hiatella* Bosc, 1801 ex Daudin MS
(Type: *Hiatella monopera* Bosc; Europe?)
- C) *H. arctica* (Linné, 1767)
(= *H. monopera* Bosc, 1801)
(= *Saxicava arctica* (Linné))
(Whole coast, G.O. Sars 1878)
- C) *H. gallicana* (Lamarck, 1818)
(= *H. rugosa* (Pennant, 1777))
(= ? *H. striata* (Fleuriau, 1802))
(= *Saxicava pholadis* (Linné, 1771))
(Whole coast?, G.O. Sars 1878)
- (G.O. Sars 1878)
- Panomya* J.E. Gray, 1857
(Type: *Mya norvegica* Spengler; North Atlantic)
- N) *P. arctica* (Lamarck, 1818) (68-70 degr., Dons 1931a; see also Friele & Grieg 1901)
(= *Panopea norvegica* (Spengler, 1793) not (Gmelin, 1791)) (G.O. Sars 1878)
- Panopea* Ménard de la Groye, 1807
(See *Panomya*)
Saxicava Fleuriau, 1802
(See *Hiatella*)
- Saxicavella* Fischer, 1878
(Type: *Mytilus plicatus* Montagu; Britain)
- S) *S. jeffreysi* Winckworth, 1930
(= *Arcinella plicata* (Montagu, 1808))
(N to 68 degr., G.O. Sars 1878)
(G.O. Sars 1878)
- 5782 PHOLADACEA
57820 PHOLADIDAE Lamarck, 1809
- Barnea* Risso, 1826 ex Leach MS
(Type: *Barnea spinosa* Risso; Mediterranean)
- S) *B. candida* (Linné, 1758) (N to Trondheimsfj., Dons 1937e and Rustad 1955)
(= *Pholas candida* (Linné))
(G.O. Sars 1878)

- Pholas* Linné, 1758
(Type: *Pholas dactylus* Linné; Malta)
?W) *P. dactylus* Linné, 1758 (From West Norway, Jensen & Spärck 1934; see also McKay & Smith 1979, and Soot-Ryen unpublished)
Pholas -2-
(See Barnea)
- Xylophaga* Turton, 1822
(Type: *Teredo dorsalis* Turton; Britain)
C) *X. dorsalis* (Turton, 1822)
T) *X. nidarosiensis* Santhakumaran, 1980
T) *X. noradi* Santhakumaran, 1980
T) *X. praestans* Smith, 1903
- Zirfaea* J.E. Gray, 1842 ex Leach MS
(Type: *Pholas crispata* Linné; Europe?)
C) *Z. crispata* (Linné, 1758)
also Lande & Gulliksen 1971)
- Zirphaea* J.E. Gray, 1852
- 57821 TEREDINIDAE Rafinesque, 1815
(Cf. Turner 1969)
- Bankia* J.E. Gray, 1842
(Type: *Teredo bipalmulata* Lamarck, 1801; Indo-Pacific)
?) *B. bipennata* (Turton, 1819) (Cf. Ockelmann 1959, and Soot-Ryen unpublished)
(= *Xylotrya bipinnata* (Turton))
- Dactyloterredo* Moll, 1941
(See *Psiloterredo*)
- Lyrodus* Gould, 1870
(Type: *Teredo chlorotica* Gould, 1870; Massachusetts, from ships)
S) *L. pedicellatus* (Quatrefages, 1849)
(Slope, 67 degr., empty shell, Friele & Grieg 1901)
(= *Teredo chlorotica* Gould)
- Nototerredo* Bartsch, 1923
(Type: *Teredo edax* Hedley, 1895; South Australia)
(= *Phylloterredo* Roch, 1937)
S) *N. norvegica* (Spengler, 1792)
(= *Teredo norvegica* (Spengler))
- Phylloterredo* Roch, 1937
(See *Nototerredo*)
- Psiloterredo* Bartsch, 1922
(Type: *Teredo dilatata* Stimpson; North Atlantic?)
(= *Dactyloterredo* Moll, 1941)
S) *P. megotara* (Forbes & Hanley, 1848)
(= *Teredo megotara* Hanley)
(= *Teredo dilatata* Stimpson, 1851)
(N to 59 degr., G.O. Sars 1878)
(G.O. Sars 1878)
- Teredo* Linné, 1758
(Type: *Teredo navalis* Linné; Cosmopolitan)
S) *T. navalis* Linné, 1758
(Opinion 94 of ICZN)
(Oslofj., G.O. Sars 1878)
- Teredo* -2-
(See *Lyrodus*)
Teredo -3-
(See *Nototerredo*)
Teredo -4-
(See *Psiloterredo*)
Teredo -5-
(See *Teredora*)
- Teredora* Bartsch, 1921
(Type: *Teredo malleolus* Turton; Britain)
*No) *T. malleolus* (Turton, 1822) (Scottish North Sea Coast, McKay & Smith 1979)
(= *Teredo malleolus* Turton)
Xylotrya Menke, 1830 (?)
(See *Bankia*)
- 579 PHOLADOMYOIDA (Cf. Morton 1981)
5790 PHOLADOMYACEA
57900 PHOLADOMYIDAE J.E. Gray, 1847
(Cf. Soot-Ryen 1941 and 1966 See also Runnegar 1972)
Panacca Dall, 1905
(See *Pholadomya*)
- Pholadomya* G.B. Sowerby II, 1823
(Type: *Pholadomya candida* G.B. Sowerby II, 1823; West Indies)
W) *P. loveni* Jeffreys, 1881
(= *Panacca loveni* (Jeffreys))
(60-65 degr., Soot-Ryen 1941)
(Soot-Ryen unpublished)
- 5791 THRACIACEA
57910 THRACIIDAE Stoliczka, 1870
(Cf. Soot-Ryen 1941)
- Ixartia* Leach, 1852
Rupicola Fleuriau, 1802
(See *Thracia*)
(See *Thracia*)

- Thracia* J. Sowerby, 1823 ex Leach MS
(Type: *Thracia pubescens* Lamarck; Europe?)
- S. gen.: *Thracia* s. str.
- S) *T. convexa* (W. Wood, 1815)
*Ar) *T. devexa* G.O. Sars, 1878 (East Finnmark, empty shell, Soot-Ryen 1941)
S) *T. gracilis* Jeffreys, 1865 (N to 62.5 degr., Soot-Ryen 1941; see also Lande 1975)
(= *T. rectangularis* Soot-Ryen, 1941) (Cf. Warén 1980a)
- N) *T. myopsis* (Møller, 1842 ex Beck MS)
1941; see also Friele & Grieg 1901)
(= *T. truncata* G.O. Sars 1878 not Brown) (G.O. Sars 1878)
- S) *T. phaseolina* (Lamarck, 1818)
(= *T. papyracea* Poli, 1795) (G.O. Sars 1878)
*Sw) *T. pubescens* (Pulteney, 1799)
(= *T. pubescens* Lamarck) (Bohuslän, Soot-Ryen 1941)
- S) *T. villosuscula* (Macgillivray, 1827) (Southern Norway, Soot-Ryen 1941)
- S. gen.: *Ixartia* J.E. Gray, 1852 ex Leach MS
(Type: *Mya distorta* Montagu; Britain)
(= *Rupicola* Fleuriat, 1802 not Brisson, 1760) (G.O. Sars 1878)
- S) *T. distorta* (Montagu, 1803) (N to 69 degr., Soot-Ryen 1941)
- 57911 PERIPLOMATIDAE Dall, 1895
- Cochlodesma* Couthouy, 1839
(Type: *Anatina leana* Conrad, 1831; eastern USA)
- S) *C. praetenu* (Pulteney, 1799)
(= *Periploma perienus* (Pulteney)) (N to 69 degr., Soot-Ryen 1941)
(G.O. Sars 1878)
- Periploma* Schumacher, 1817 (See *Cochlodesma*)
- 5792 PANDORACEA
- 57920 LYONSIIDAE Fischer, 1887 (Cf. Prezant 1981)
- Lyonsia* Turton, 1822
(Type: *Mya striata* Montagu; Britain?)
- N) *L. arenosa* (Møller, 1842)
see also Friele & Grieg 1901)
- S) *L. norwegica* (Gmelin, 1791)
(= *L. striata* (Montagu, 1815)) (S to 69.5 degr., Soot-Ryen 1958; (N to 68 degr., G.O. Sars 1878)
- 57921 PANDORIDAE Rafinesque, 1815
- Pandora* Bruguière, 1797
(Type: *Solen inequivalvis* Linné, 1758; Europe)
*No) *P. pinna* (Montagu, 1803) (Northern North Sea, McKay & Smith 1979)
- 5793 POROMYACEA
- 57930 POROMYIDAE Dall, 1886
- Poromya* Forbes, 1844
(Type: *Poromya anatinoides* Forbes; Atlantic)
- W) *P. granulata* (Nyst & Westendorp, 1839) (60–70.5 degr., G.O. Sars 1878; see also Friele & Grieg 1901, and Nordgård 1915)
(= *P. anatinoides* Forbes, 1844)
- 5794 VERTICORDIACEA
- 57940 VERTICORDIIDAE Stoliczka, 1871
(Cf. Soot-Ryen 1966)
- Lyonsiella* Friele, 1879 (See *Lyonsiella*)
- Lyonsiella* (M. Sars, 1869, nom. nud.) G.O. Sars, 1872
(Type: *Lyonsiella abyssicola* G.O. Sars; northern Norway)
- N) *L. abyssicola* (G.O. Sars, 1872 ex M. Sars MS) (60–70.5 degr. and Barents Sea, G.O. Sars 1878, and Friele & Grieg 1901)
(= *Pecchiolia abyssicola* (M. Sars)) (G.O. Sars 1878)
- Lyonsiella* –2– (See *Policordia*)
- Pecchiolia* Savi & Meneghini, 1850 (See *Lyonsiella*)
- Policordia* Dall, Bartsch & Rehder, 1939
(Type: *Policordia diomedea* Dall, Bartsch & Rehder, 1939; Hawaii, deep water)
- *Ab) *P. jeffreysi* (Friele, 1879) (Norwegian Sea basin, Bouchet & Warén 1979)
(= *Lyonsiella jeffreysi* Friele, 1879)
- 5795 CUSPIDARIACEA
- 57950 CUSPIDARIIDAE Dall, 1886
- Cardiomya* A. Adams, 1864
(Type: *Neuera gouldiana* Hinds, 1843, Indo-Pacific)
- S) *C. costellata* (Deshayes, 1837) (N to Trondheimsfj., Friele & Grieg 1901, and Lande 1975)

- (= *Cuspidaria costellata* (Deshayes))
(= *Neaera costellata* (Deshayes))
*Ar) *C. striata* (Jeffreys, 1876) (Barents Sea, empty shell, Friele & Grieg 1901) (G.O. Sars 1878)
- Cuspidaria** Nardo, 1840
(Type: *Cuspidaria typus* Nardo, Mediterranean)
(= *Neaera* J.E. Gray, 1833)
- N) *C. arctica* (M. Sars, 1859)
slope, S to 69.5 degr., Friele & Grieg 1901
(S to Nordland, Soot-Ryen 1958; lower (G.O. Sars 1878))
- *Ab) *C. centobi* Bouchet & Warén, 1979
(Norwegian Sea basin, Bouchet & Warén 1979)
- S) *C. cuspidata* (Olivé, 1792)
(= *C. typus* Nardo, 1840) (N to 70 degr., G.O. Sars 1878)
- N) *C. exigua* (Jeffreys, 1876)
(Slope S to 63 degr., Friele & Grieg 1901)
- N) *C. glacialis* (G.O. Sars, 1878)
1958; see also Friele & Grieg 1901
(S to West Finmark, Soot-Ryen)
- W) *C. lamellosa* (G.O. Sars, 1872 ex M. Sars MS)
(60–71 degr., Barents Sea, Friele & Grieg 1901)
(= *C. jugosa* (S. Wood, 1856)) (G.O. Sars 1878)
- S) *C. obesa* (Lovén, 1846)
(N to 70.5 degr., G.O. Sars 1878)
- S) *C. rostrata* (Spengler, 1793)
(N to 70.5 degr., G.O. Sars 1878)
- N) *C. subtiota* (G.O. Sars, 1878) (S to 67.5 degr., G.O. Sars 1878; see also Friele & Grieg 1901)
- Cuspidaria* –2– (See *Cardiomya*)
Cuspidaria –3– (See *Tropidomya*)
Neaera J.E. Gray, 1833 (See *Cardiomya*)
Neaera –2– (See *Cuspidaria*)
Neaera –3– (See *Tropidomya*)
- Tropidomya** Dall & Smith, 1886
(Type: *Neaera abbreviata* Forbes; Mediterranean)
- S) *T. abbreviata* (Forbes, 1843) (N to 68 degr., G.O. Sars 1878)
(= *Cuspidaria abbreviata* (Forbes))
(= *Neaera abbreviata* (Forbes)) (G.O. Sars 1878)
- 58 SCAPHOPODA (Cf. Boss 1982)
- 580 DENTALIIDA
- 58000 DENTALIIDAE J.E. Gray, 1834
- Antalis** H. & A. Adams, 1854
(Type: *Dentalium entale* Linné; Europe?)
- W) *A. agile* (G.O. Sars, 1872 ex M. Sars MS)
1878; see also Friele & Grieg 1901, and Nordgård 1915) (59–68 degr., G.O. Sars 1878; see also Friele & Grieg 1901)
- S) *A. entale* Linné, 1758 (N to 71 degr., G.O. Sars 1878; see also Friele & Grieg 1901)
- (= *Dentalium striolata* Stimpson, 1851 not Risso, 1826)
(Whole coast, G.O. Sars 1878)
- C) *A. occidentale* Stimpson, 1851
(= *Dentalium abyssorum* M. Sars, 1859)
(= *Antalis striolata* G.O. Sars, 1878 not (Stimpson, 1851)) (See *Antalis*)
- Dentalium* Linné, 1758
- 581 GADILIDA
- 58100 ENTALINIDAE Boss, 1982
- Entalina** Monterosato, 1872
(Type: *Dentalium tetragonum* Brocchi; Tertiary fossil?)
- S) *E. quinquangularis* (Forbes, 1844) (N to 70.5 degr., G.O. Sars 1878)
(= *Siphonentalis tetragona* (Brocchi, 1814)) (G.O. Sars 1878)
- Siphonentalis* G.O. Sars, 1878 (See *Entalina*)
- 58101 SIPHONODONTALIIDAE Simroth, 1895
- Siphonentalis* –2– (See *Siphonodentalium*)
- Siphonodentalium** M. Sars, 1859
(Type: *Dentalium vitreum* M. Sars; Norway)
- W) *S. affinis* (G.O. Sars, 1878 ex M. Sars MS) (68 degr., G.O. Sars 1878)
*Ab) *S. taubieri* Bouchet & Warén 1979 (Norwegian Sea basin, Bouchet & Warén 1979)
- N) *S. lobatum* (G.B. Sowerby II, 1860) (S to 62.5 degr., lower slope, G.O. Sars 1878, and Friele & Grieg 1901)
(= *S. vitreum* (M. Sars, 1851) not (Gmelin, 1791)) (G.O. Sars 1878)
- S) *S. lofofense* (M. Sars, 1865) (N to 70.5 degr., G.O. Sars 1878)
(= *Siphonentalis lofofense* (M. Sars, 1865)) (G.O. Sars 1878)
- 58102 GADILIDAE Stoliczka, 1868
- Cadulus** Philippi, 1844
(Type: *Dentalium ovulum* Philippi, 1844, Mediterranean)
- ?W) *C. jeffreysii* (Monterosato, 1875) (Norway, Jeffreys 1882; see also Muus 1959)
- W) *C. propinquus* G.O. Sars, 1878. (60 to 70.5 degr., G.O. Sars 1878)
- S) *C. subfusiforme* (M. Sars, 1865) (N to 70.5 degr., G.O. Sars 1878; Barents Sea, Friele & Grieg 1901)

<i>Clelandella</i> Winckworth, 1932	(See <i>Jujubinus</i>)	53040	<i>Cytharella</i> Monterosato, 1875	(See <i>Mangelia</i>)	53320
<i>Clinocardium</i> Keen, 1936	(See <i>Ciliatocardium</i>)	57640	<i>Dacrydium</i> Torelli, 1859		57100
<i>Clio</i> Linné, 1767		54601	<i>Dactyloteredo</i> Moll, 1941	(See <i>Psiloterredo</i>)	57821
<i>Clicone</i> Pallas, 1774		54701	<i>Danilia</i> Brusina, 1865		53040
<i>Cocculina</i> Dall, 1882	(See <i>Lepetella</i>)	53030	<i>Decipula</i> Friele, 1875 ex Jeffreys MS	(See <i>Montiacuta</i>)	57611
<i>Cochloadesma</i> Couthouy, 1839		57911	<i>Delectopecten</i> Stewart, 1930		57510
<i>Coecum</i> Friele, 1874	(See <i>Caecum</i>)	53119	<i>Delectopecten</i> -2-	(See <i>Simulipeecten</i>)	57510
<i>Colga</i> Bergh, 1880	(See <i>Issena</i>)	54913	<i>Delphinoidea</i> Brown, 1827	(See <i>Skenea</i>)	53041
<i>Colicryptus</i> Iredale, 1918	(See <i>Colus</i>)	53302	<i>Dendronotus</i> Alder & Hancock, 1845		54922
<i>Colobocephalus</i> M. Sars, 1870		54110	<i>Dentalium</i> Linné, 1758	(See <i>Analis</i>)	58000
<i>Colpodaspis</i> M. Sars, 1870		54110	<i>Desmoteulhis</i> Verrill, 1881	(See <i>Teuthowenia</i>)	56116
<i>Colus</i> Röding, 1798		53302	<i>Devonia</i> Winckworth, 1930		57611
<i>Comarmondia</i> Monterosato, 1884		53320	<i>Diacria</i> J.E. Gray, 1847		54601
<i>Conulus</i> Nardo, 1841	(See <i>Jujubinus</i>)	53040	<i>Diaphana</i> Brown, 1827		54110
<i>Corbula</i> Bruguère, 1797		57801	<i>Diaphoreolis</i> Iredale & O'Donoghue, 1923	(See <i>Cuthona</i>)	54971
<i>Coryphella</i> J.E. Gray, 1850		54960	<i>Diaphorodoris</i> Iredale & O'Donoghue, 1923		54911
<i>Cranchia</i> Leach, 1817	(See <i>Teuthowenia</i>)	56116	<i>Dikoleps</i> Høiseter, 1968		53040
<i>Craspedochilus</i> G.O. Sars, 1878	(See <i>Lepidochitona</i>)	52100	<i>Diodora</i> J.E. Gray, 1821		53040
<i>Craspedotus</i> Philippi, 1847	(See <i>Danilia</i>)	53040	<i>Discodoris</i> Bergh, 1877		54905
<i>Cratena</i> -2-	(See <i>Crattona</i>)	54971	<i>Donax</i> Linné, 1758		57671
<i>Cratena</i> Bergh, 1864	(See <i>Cuthona</i>)	54971	<i>Doridunculus</i> G.O. Sars, 1878		54911
<i>Cratena</i> -2-	(See <i>Favorinus</i>)	54981	<i>Doris</i> Linné, 1758		54900
<i>Crenella</i> Brown, 1827		57100	<i>Doris</i> -2-	(See <i>Archidoris</i>)	54901
<i>Crepidula</i> Lamarck, 1799		53150	<i>Doris</i> -3-	(See <i>Cadlina</i>)	54902
<i>Crinolamia</i> Bouchet & Warén, 1979		53230	<i>Doris</i> -4-	(See <i>Aldisa</i>)	54903
<i>Crisilla</i> Monterosato, 1917	(See <i>Alvania</i>)	53112	<i>Doris</i> -5-	(See <i>Jorunna</i>)	54904
<i>Crystallophrisson</i> Möbius, 1875	(See <i>Chaetoderma</i>)	50001	<i>Doris</i> -6-	(See <i>Rostanga</i>)	54906
<i>Crystallophrisson</i> -2-	(See <i>Falcidens</i>)	50001	<i>Dorymenia</i> Heath, 1911		51203
<i>Cultellus</i> Schumacher, 1817	(See <i>Phaxas</i>)	57660	<i>Dosinia</i> Scopoli, 1777		57700
<i>Cumanotus</i> Odhner, 1907		54970	<i>Doto</i> Oken, 1815		54924
<i>Cuspidaria</i> Nardo, 1840	(See <i>Cardiomya</i>)	57950	<i>Drepanomenia</i> Heath, 1911		51204
<i>Cuspidaria</i> -2-	(See <i>Tropidomya</i>)	57950	<i>Drillia</i> J.E. Gray, 1838	(See <i>Spirotropis</i>)	53320
<i>Cuspidaria</i> -3-		57950	<i>Duvaucelia</i> Risso, 1826	(See <i>Tritonia</i>)	54920
<i>Cuthona</i> Alder & Hancock, 1855		54971	<i>Ebala</i> J.E. Gray, 1847 ex Leach MS		54000
<i>Cuthona</i> -2-	(See <i>Crattona</i>)	54971	<i>Echinochila</i> Mørch, 1869	(See <i>Cadlina</i>)	54902
<i>Cuthonella</i> Bergh, 1884	(See <i>Turtonia</i>)	54971	<i>Egalvina</i> Odhner, 1929	(See <i>Eubranchius</i>)	54970
<i>Cyamium</i> Philippi, 1845		57700	<i>Eledone</i> Leach, 1817		56211
<i>Cyclopecten</i> Verrill, 1897	(See <i>Skenea</i>)	57510	<i>Elysia</i> Risso, 1818		54400
<i>Cyclostrema</i> Marryat, 1818	(See <i>Dikoleps</i>)	53041	<i>Emarginula</i> Lamarck, 1801		53010
<i>Cyclostrema</i> -2-		53040	<i>Embletonia</i> Alder & Hancock, 1851		54972
<i>Cylichna</i> Lovén, 1846		54131	<i>Embletonia</i> -2-	(See <i>Tenellia</i>)	54971
<i>Cylichnina</i> Monterosato, 1884	(See <i>Retusa</i>)	54121	<i>Ennucula</i> Iredale, 1931	(See <i>Nuculoma</i>)	57000
<i>Cylichnium</i> Dall, 1908		54120	<i>Ensis</i> Schumacher, 1817		57560
<i>Cyprina</i> Lamarck, 1818	(See <i>Arctica</i>)	57680	<i>Entalina</i> Monterosato, 1872		58100

<i>Enteroxenos</i> Bonnevie, 1902	53231	<i>Gouldia</i> C. B. Adams, 1847	57700
<i>Epilepton</i> Dall, 1899	57611	<i>Graneledone</i> Joubin, 1918	56211
<i>Epitonium</i> Röding, 1798	53220	<i>Graphis</i> Jeffreys, 1867	53221
<i>Erato</i> Risso, 1826	53161	<i>Gymnomenia</i> Odhner, 1921	51001
<i>Ercolania</i> Trinchese, 1872	54402	<i>Haedroleura</i> Bucquoy, Dautzenberg & Dollfus, 1883	53320
<i>Erycina</i> Lamarck, 1805	57610	<i>Haedroleura</i> -2-	53320
<i>Eubranchus</i> Forbes, 1838	54970	<i>Haliella</i> Monterosato, 1878	53230
<i>Eulima</i> Risso, 1826	53230	<i>Haliphron</i> Steenstrup, 1861	56210
<i>Eulima</i> -2-	53230	<i>Hanleya</i> J. E. Gray, 1857	52001
<i>Eulima</i> -3-	53230	<i>Hedylopsis</i> Thiele, 1931	54300
<i>Eulima</i> -4-	53230	<i>Helcion</i> Montfort, 1810	53021
<i>Eulima</i> -5-	53230	<i>Hemiacis</i> G. O. Sars, 1878	53221
<i>Eulimella</i> Jeffreys, 1847	54000	<i>Hermaca</i> Lovén, 1844	54401
<i>Eulimella</i> -2-	54000	<i>Hermaca</i> -2-	54402
<i>Eumetula</i> Thiele, 1912	53200	<i>Hermania</i> Monterosato, 1884	54130
<i>Euphurus</i> Rafinesque, 1815	54913	<i>Hero</i> Alder & Hancock, 1855	54951
<i>Evalea</i> A. Adams, 1860	54000	<i>Hero</i> -2-	54920
<i>Fabulina</i> J. E. Gray, 1851	57670	<i>Hervia</i> Bergh, 1871	54980
<i>Facelina</i> Alder & Hancock, 1855	54980	<i>Heteranomia</i> Winckworth, 1922	57520
<i>Facelina</i> -2-	54980	<i>Heterodoris</i> Verrill & Emerton, 1882	54930
<i>Falcidens</i> Salvini-Plawen, 1968	50001	<i>Hiarella</i> Bosc, 1801 ex Daudin MS	57810
<i>Favorinus</i> J. E. Gray, 1850	54981	<i>Hima</i> Leach, 1852	53303
<i>Fissurisepta</i> Seguenza, 1863	53010	<i>Hinia</i> J. E. Gray, 1847 ex Leach MS	53303
<i>Flabellina</i> Voigt, 1834	54960	<i>Hinnites</i> Defrance, 1821	57510
<i>Flemellia</i> Nordsieck, 1972	53112	<i>Histioteuthis</i> Orbigny, 1841	56113
<i>Flemingia</i> Jeffreys, 1884	53112	<i>Homalogyra</i> Jeffreys, 1867	53115
<i>Forestia</i> Trinchese, 1881	54973	<i>Hyalia</i> H. & A. Adams, 1852	53111
<i>Frigidoalvania</i> Warén, 1974	53112	<i>Hyalopecten</i> Verrill, 1897	57510
<i>Fusus</i> Helbling, 1779	53302	<i>Hydrobia</i> Hartmann, 1821	53110
<i>Gafrarium</i> Röding, 1798	57700	<i>Idalia</i> Leuckart, 1828	54910
<i>Galeomma</i> Turton, 1825	57612	<i>Idalina</i> Norman, 1890	54910
<i>Galvina</i> Alder & Hancock, 1855	54970	<i>Idas</i> Jeffreys, 1876	57100
<i>Gari</i> Schumacher, 1817	57672	<i>Idasola</i> Iredale, 1915	57100
<i>Geitodoris</i> Bergh, 1877	54905	<i>Idulia</i> Leach, 1852	54924
<i>Genitoconia</i> Salvini-Plawen, 1967	51001	<i>Illex</i> Steenstrup, 1880	56115
<i>Gibbula</i> Risso, 1826	53040	<i>Iothia</i> J. E. Gray, 1850	53022
<i>Glossus</i> Poli, 1795	57690	<i>Ischnochiton</i> J. E. Gray, 1847	52101
<i>Glycymeris</i> da Costa, 1778	57211	<i>Isocardia</i> Lamarck, 1801	57690
<i>Gobraeus</i> Brown, 1844	57672	<i>Issa</i> Bergh, 1881	54913
<i>Gonatus</i> J. E. Gray, 1849	56111	<i>Issena</i> Iredale & O'Donoghue, 1923	54913
<i>Goniaeolis</i> G. O. Sars, 1878	54950	<i>Ixartia</i> Leach, 1852	57910
<i>Gonieolis</i> M. Sars, 1861	54950	<i>Janolus</i> Bergh, 1884	54940
<i>Goniodoris</i> Forbes & Goodsir, 1839	54910	<i>Janus</i> Verany, 1844	54940
<i>Goodallia</i> Turton, 1822	57630	<i>Jeffreysia</i> Alder, 1850	53114
			(See <i>Oenopota</i>)
			(See <i>Ansates</i>)
			(See <i>Placida</i>)
			(See <i>Philine</i>)
			(See <i>Tritonia</i>)
			(See <i>Facelina</i>)
			(See <i>Hinia</i>)
			(See <i>Chlamys</i>)
			(See <i>Omalogyra</i>)
			(See <i>Okenia</i>)
			(See <i>Idasola</i>)
			(See <i>Doto</i>)
			(See <i>Stenosemus</i>)
			(See <i>Glossus</i>)
			(See <i>Issena</i>)
			(See <i>Thracia</i>)
			(See <i>Janolus</i>)
			(See <i>Rissoella</i>)

<i>Jorunna</i> Bergh, 1876	54904	<i>Limopsis</i> Sassi, 1827	57210
<i>Jujubinus</i> Monterosato, 1884	53040	<i>Liomesus</i> Stimpson, 1865	53302
<i>Jumala</i> Friele, 1882	53302	<i>Liostomia</i> G.O. Sars, 1878	54000
<i>Katadesmia</i> Dall, 1908	57011	<i>Lissospira</i> Bush, 1897	53041
<i>Kellia</i> Turton, 1822	57611	<i>Littorina</i> Ferussac, 1822	53101
<i>Keliella</i> M. Sars, 1870	57691	<i>Loligo</i> Lamarck, 1799	56100
<i>Kelliola</i> Dall, 1899	57611	<i>Loligo</i> -2-	56100
<i>Kruppomenia</i> Nierstrasz, 1903	51201	<i>Lomanotus</i> Vérany, 1844	54921
<i>Lactolina</i> Iredale, 1937	57670	<i>Lomanotus</i> -2-	54910
<i>Lacuna</i> Turton, 1827	53100	<i>Lophodoris</i> G.O. Sars, 1878	54910
<i>Laecocochlis</i> Dunker & Metzger, 1874	53201	<i>Lophyrus</i> G.O. Sars, 1878	52101
<i>Laevicardium</i> Swainson, 1840	57640	<i>Lora</i> Gistel, 1848	53320
<i>Laioocochlis</i> Dunker & Metzger, 1874	53201	<i>Lovenella</i> G.O. Sars, 1878	53201
<i>Lamellaria</i> Montagu, 1815	53160	<i>Lucina</i> Bruguière, 1798	57600
<i>Lamellidoris</i> -2-	54911	<i>Lucina</i> -2-	57600
<i>Lamellidoris</i> Alder & Hancock, 1855	54911	<i>Lucinoma</i> Dall, 1901	57701
<i>Laona</i> A. Adams, 1865	54130	<i>Lucinopsis</i> Forbes & Hanley, 1848	53170
<i>Lasaea</i> Brown, 1827	57611	<i>Lunatia</i> J.E. Gray, 1847	57650
<i>Laskeya</i> Iredale, 1918	53200	<i>Lutaria</i> Lamarck, 1799	57920
<i>Leda</i> Schumacher, 1817	57010	<i>Lyonsia</i> Turton, 1822	57940
<i>Ledella</i> Verrill & Bush, 1897	57010	<i>Lyonsiella</i> Friele, 1879	57940
<i>Leionucula</i> Quenstedt, 1930	57000	<i>Lyonsiella</i> G.O. Sars, 1872	57940
<i>Lepeta</i> J.E. Gray, 1847	53022	<i>Lyonsiella</i> -2-	57940
<i>Lepeta</i> -2-	53022	<i>Lyrodus</i> Gould, 1870	57821
<i>Lepetella</i> Verrill, 1880	53030	<i>Machaeroplax</i> Friele, 1877	53040
<i>Lepidochiton</i> Thiele, 1929	52100	<i>Macoma</i> Leach, 1819	57670
<i>Lepidochitona</i> J.E. Gray, 1821	52100	<i>Macoma</i> -2-	57670
<i>Lepidopleurus</i> Risso, 1826	52000	<i>Mactra</i> Linné, 1767	57650
<i>Leptaxinus</i> Verrill & Bush, 1898	57601	<i>Mactra</i> -2-	57650
<i>Leptochiton</i> J.E. Gray, 1847	52000	<i>Malletia</i> Desmoulins, 1832	57011
<i>Lepton</i> Turton, 1822	57610	<i>Malletia</i> -2-	57011
<i>Lepton</i> -2-	57611	<i>Mamilloretusa</i> Nordsieck, 1972	54121
<i>Leucophytia</i> Winckworth, 1949	55000	<i>Mancikellia</i> Dall, 1899	57611
<i>Lima</i> Bruguière, 1797	57400	<i>Mangelia</i> Risso, 1826	53320
<i>Lima</i> -2-	57400	<i>Mantellum</i> Mørch, 1853	57400
<i>Lima</i> -3-	57400	<i>Manzonina</i> Brusina, 1870	53112
<i>Lima</i> -4-	57400	<i>Margarita</i> Leach, 1819	53040
<i>Limacia</i> Müller, 1781	54913	<i>Margarita</i> -2-	53040
<i>Limacina</i> Bosc, 1817	54600	<i>Margarites</i> J.E. Gray, 1847 ex Leach MS	53040
<i>Limapontia</i> Johnston, 1836	54402	<i>Marsenia</i> Leach, 1820	53160
<i>Limaria</i> Link, 1807	57400	<i>Marseniella</i> Bergh, 1886	53160
<i>Limatula</i> S. Wood, 1839	57400	<i>Marsenina</i> J.E. Gray, 1850	53230
<i>Limatula</i> -2-	57400	<i>Melanella</i> Bowdich, 1822	53101
<i>Limea</i> Bronn, 1831	57400	<i>Melaphe</i> Menke, 1828	
			(See <i>Littorina</i>)
			(See <i>Menesitho</i>)
			(See <i>Skenea</i>)
			(See <i>Alloteuthis</i>)
			(See <i>Gontodoris</i>)
			(See <i>Stenosemus</i>)
			(See <i>Oenopota</i>)
			(See <i>Cerithiella</i>)
			(See <i>Lucinoma</i>)
			(See <i>Myrtea</i>)
			(See <i>Mystia</i>)
			(See <i>Lyonsiella</i>)
			(See <i>Policordia</i>)
			(See <i>Solariella</i>)
			(See <i>Tellina</i>)
			(See <i>Spisula</i>)
			(See <i>Pseudomalletia</i>)
			(See <i>Katadesmia</i>)
			(See <i>Retusa</i>)
			(See <i>Limaria</i>)
			(See <i>Margarites</i>)
			(See <i>Dikoleps</i>)
			(See <i>Lamellaria</i>)

<i>Menestho</i> Möller, 1842	54000	<i>Nucula</i> Lamarck, 1799	57000
<i>Metzgeria</i> Norman, 1879	53305	<i>Nucula</i> -2-	(See <i>Nuculoma</i>)
<i>Meyeria</i> Dunker & Metzger, 1878	53305	<i>Nuculana</i> Link, 1807	57010
<i>Microhedyle</i> Hertling, 1930	54301	<i>Nuculoma</i> Cossmann, 1907	57000
<i>Micromenia</i> Leloup, 1948	51000	<i>Obiusella</i> Cossmann, 1921	53112
<i>Miranda</i> Alder & Hancock, 1847	54910	<i>Ocenebra</i> Leach, 1847	53300
<i>Modiola</i> Lamarck, 1801	57100	<i>Octopus</i> Lamarck, 1799	56211
<i>Modiolarca</i> J.E. Gray, 1842	57100	<i>Octopus</i> -2-	(See <i>Bathypolypus</i>)
<i>Modiolarca</i> Lovén, 1846 ex Beck MS	57100	<i>Odostomia</i> Fleming, 1813	56211
<i>Modiolula</i> Sacco, 1898	57100	<i>Oenopota</i> Mørch, 1852	54000
<i>Modiolus</i> Lamarck, 1799	57100	<i>Okenia</i> Menke, 1830 ex Leuckart MS	53320
<i>Moelleria</i> Jeffreys, 1865	53042	<i>Olivia</i> Cantraine, 1835	54910
<i>Moerella</i> Fischer, 1887	57670	<i>Omalaxis</i> Deshayes, 1832	(See <i>Danilia</i>)
<i>Mohnia</i> Friele, 1879	53302	<i>Omalogyra</i> Jeffreys, 1860	53040
<i>Monia</i> J.E. Gray, 1850	57520	<i>Omalogyra</i> -2-	53117
<i>Montacuta</i> Turton, 1822	57611	<i>Ommastrephes</i> Orbigny, 1839	53115
<i>Montacuta</i> -2-	57611	<i>Ommastrephes</i> -2-	56115
<i>Montacuta</i> -3-	57620	<i>Ommastrephes</i> Orbigny, 1839	(See <i>Todarodes</i>)
<i>Morvillia</i> J.E. Gray, 1857	53160	<i>Onchidiopsis</i> Bergh, 1853	(See <i>Ommastrephes</i>)
<i>Musculus</i> Röding, 1798	57100	<i>Onchidoris</i> Blainville, 1816	56115
<i>Mya</i> Linné, 1758	57800	<i>Onchidoris</i> -2-	53160
<i>Myrtea</i> Turton, 1822	57600	<i>Onoba</i> H. & A. Adams, 1854	54911
<i>Mysella</i> Angas, 1877	57611	<i>Onoba</i> -2-	54911
<i>Mysella</i> -2-	57620	<i>Onoba</i> -3-	(See <i>Diaphorodoris</i>)
<i>Mysia</i> Lamarck, 1818 ex Leach MS	57701	<i>Onychoteuthis</i> Lichtenstein, 1818	53112
<i>Mytilus</i> Linné, 1758	57100	<i>Ossiania</i> Monterosato, 1884	53111
<i>Nacella</i> Schumacher, 1817	53021	<i>Ostrea</i> Linné, 1758	56110
<i>Nassa</i> Lamarck, 1799	53303	<i>Ovatella</i> Bivona, 1832	54130
<i>Nassarius</i> Duméril, 1806	53303	<i>Pallio</i> J.E. Gray, 1857	57500
<i>Natica</i> Scopoli, 1777	53170	<i>Palliolus</i> Monterosato, 1884	55000
<i>Natica</i> -2-	53170	<i>Panacca</i> Dall, 1905	54913
<i>Nearea</i> J.E. Gray, 1833	57950	<i>Pandora</i> Bruguière, 1797	57510
<i>Nearea</i> -2-	57950	<i>Panomya</i> J.E. Gray, 1857	57900
<i>Nearea</i> -3-	57950	<i>Panopea</i> Ménard de la Groye, 1807	57921
<i>Neilonella</i> Dall, 1881	57011	<i>Paphia</i> Röding, 1798	57810
<i>Neomatomenia</i> Simroth, 1893	51000	<i>Parthenia</i> Lowe, 1841	57810
<i>Neomenia</i> Tullberg, 1875	51100	<i>Parthenia</i> Bucquoy, 1847	(See <i>Panomya</i>)
<i>Nepotilla</i> Hedley, 1918	53320	<i>Paratula</i> Schaufuss, 1869	(See <i>Venerupis</i>)
<i>Neptunea</i> Röding, 1798	53302	<i>Parvicardium</i> Monterosato, 1884	(See <i>Chrysallida</i>)
<i>Nicania</i> Leach, 1819	57630	<i>Patella</i> Linné, 1758	(See <i>Chrysallida</i>)
<i>Notoacmea</i> Iredale, 1915	53020	<i>Patelloida</i> Quoy & Gaimard, 1834	(See <i>Cerastoderma</i>)
<i>Notolimea</i> Iredale, 1924	57400	<i>Patina</i> J.E. Gray, 1847 ex Leach MS	53021
<i>Nototeredo</i> Bartsch, 1923	57821	<i>Pecchiolia</i> Savi & Meneghini, 1850	(See <i>Anates</i>)
<i>Nucella</i> Röding, 1798	53300	<i>Pecten</i> Müller, 1776	(See <i>Lyonsiella</i>)

<i>Ruditapes</i> Chiamanti, 1900	57700	(See <i>Tapes</i>)	<i>Spiracula</i> Blainville, 1817	54600	(See <i>Limacina</i>)
<i>Runcina</i> Forbes, in Forbes & Hanley, 1851	54200		<i>Spiralis</i> Eydoux & Souleyet, 1840	54600	(See <i>Limacina</i>)
<i>Rupertomenia</i> Schwabl, 1955	51000	(See <i>Micromenia</i>)	<i>Spirotropis</i> G.O. Sars, 1878	53320	
<i>Rupicola</i> Fleuriat, 1802	57910	(See <i>Thracia</i>)	<i>Spisula</i> J.E. Gray, 1837	57650	(See <i>Doris</i>)
<i>Ryenella</i> Fleming, 1959	57100	(See <i>Musculus</i>)	<i>Staurodoris</i> Bergh, 1878	54900	
<i>Saxicava</i> Fleuriat, 1802	57810	(See <i>Hiatella</i>)	<i>Stenosemus</i> Middendorf, 184	52101	
<i>Saxicavella</i> Fischer, 1878	57810		<i>Stenoteuthis</i> Verrill, 1880	56115	(See <i>Ommastrephes</i>)
<i>Scala</i> Bruguière, 1792	53220	(See <i>Epitonium</i>)	<i>Suliger</i> Broderip, 1832	53230	(See <i>Pelseneria</i>)
<i>Scalaria</i> Lamarck, 1801	53220	(See <i>Epitonium</i>)	<i>Suliger</i> Ehrenberg, 1831	54402	
<i>Scalaria</i>	53220	(See <i>Pseudacirsa</i>)	<i>Suliger</i>	54402	(See <i>Calliopaca</i>)
<i>Scaphander</i> Montfort, 1810	54131		<i>Sylifer</i> Broderip, 1832	53230	(See <i>Pelseneria</i>)
<i>Scissurella</i> Orbigny, 1824	53000	(See <i>Anatoma</i>)	<i>Syndosmya</i> Récluz, 1843	57673	(See <i>Abra</i>)
<i>Scrobicularia</i> Schumacher, 1815	57673		<i>Tactia</i> Lus, 1971	53302	
<i>Scutellina</i> J.E. Gray, 1847	53022	(See <i>Iothia</i>)	<i>Tapes</i> Mühlfeld, 1811	57700	
<i>Scutopus</i> Salvini-Plawen, 1968	50000		<i>Tapes</i>	57700	(See <i>Venerupis</i>)
<i>Scyllaza</i> Linné, 1758	54923		<i>Taranis</i> Jeffreys, 1870	53320	
<i>Septia</i> Linné, 1758	56000		<i>Tectura</i> J.E. Gray, 1847	53020	(See <i>Acmaea</i>)
<i>Septetia</i> Naef, 1912	56001		<i>Tellimya</i> Brown, 1827	57611	(See <i>Kellia</i>)
<i>Septiola</i> Leach, 1817	56001		<i>Tellimya</i>	57611	(See <i>Montacuta</i>)
<i>Serripes</i> Gould, 1841 ex Beck MS	57640		<i>Tellina</i> Linné, 1758	57670	(See <i>Arcopagia</i>)
<i>Setia</i> H. & A. Adams, 1854	53112		<i>Tellina</i>	54971	
<i>Simulipecten</i> Winckworth, 1932	57510		<i>Tenellia</i> A. Costa, 1866	57821	
<i>Simrothiella</i> Pilsbry, 1898	51201		<i>Teredo</i> Linné, 1758	57821	(See <i>Lyrodus</i>)
<i>Sipho</i> Bruguière, 1792	53302	(See <i>Colus</i>)	<i>Teredo</i>	57821	(See <i>Nototeredo</i>)
<i>Siphonentalis</i> G.O. Sars, 1878	58100	(See <i>Enalinala</i>)	<i>Teredo</i>	57821	(See <i>Psiloteredo</i>)
<i>Siphonentalis</i>		(See <i>Siphonodentalium</i>)	<i>Teredo</i>	57821	(See <i>Teredora</i>)
			<i>Teredo</i>	57821	
<i>Siphonodentalium</i> M. Sars, 1859	58101		<i>Teredora</i> Bartsch, 1921	57821	
<i>Siphonorbis</i> Mørch, 1869	58101		<i>Teretia</i> Norman, 1888	53320	
<i>Skenea</i> Fleming, 1825	53302	(See <i>Colus</i>)	<i>Tergipes</i> Cuvier, 1805	54971	
<i>Skenea</i>	53041		<i>Tergipes</i>	54971	(See <i>Eubranchus</i>)
<i>Skenea</i>	53040	(See <i>Dikoleps</i>)	<i>Tergipes</i>	54970	(See <i>Aplysia</i>)
<i>Skenea</i>		(See <i>Skeneopsis</i>)	<i>Tethys</i> Linné, 1758	56116	
<i>Skeneopsis</i> Iredale, 1915	53116		<i>Teuthowenia</i> Chun, 1910	53300	(See <i>Nucella</i>)
<i>Solariella</i> S. Wood, 1842	53116		<i>Thais</i> Röding, 1798	54913	
<i>Solecurtus</i> Blainville, 1824	53040		<i>Thecacera</i> Fleming, 1828	53320	
<i>Solen</i> Linné, 1758	57674		<i>Thesbia</i> Jeffreys, 1867	57910	
<i>Solen</i>	57660		<i>Thracia</i> J. Sowerby, 1823 ex Leach MS	57601	(See <i>Leptaxinus</i>)
<i>Solen</i>	57660	(See <i>Ensis</i>)	<i>Thyasira</i> Lamarck, 1818 ex Leach MS	57601	
<i>Solenopus</i> Koren & Danielssen, 1877	51100	(See <i>Ncomenia</i>)	<i>Thyasira</i>	57601	
<i>Solenopus</i>	51201	(See <i>Simrothiella</i>)	<i>Thyasira</i>	57601	
<i>Solenopus</i>	51202	(See <i>Ananymenia</i>)	<i>Tinoclea</i> Brown, 1827	57700	
<i>Solenopus</i>	51203	(See <i>Dorymenia</i>)	<i>Todarodes</i> Steenstrup, 1880	56115	
<i>Solenopus</i>	51204	(See <i>Drepanomenia</i>)	<i>Todaropsis</i> Girard, 1890	56115	
<i>Sphaemia</i> Conrad, 1837	57800	(See <i>Sphenia</i>)	<i>Toledonia</i> Dall, 1902	54000	(See <i>Menestho</i>)
<i>Sphenia</i> Turton, 1822	57800		<i>Tonicella</i> Carpenter, 1873	52100	

- Torellia* Jeffreys, 1867 ex Lovén MS
Tornus Turton & Kingston, 1830
Trachydermon Carpenter, 1864
Trachydermon -2-
Trachysma G.O. Sars, 1878 ex Jeffreys MS
Trichotropis Broderip & G.B. Sowerby I, 1829
Tricola Retzius, 1788
Tridonta Schumacher, 1817
Trifortis Deshayes, 1834
Trigonella da Costa, 1778
Trinchesia Ihering, 1879
Triopa Johnston, 1838
Triopa -2-
Triopa -3-
Triopella G.O. Sars, 1878
Triphora Blainville, 1828
Tritonia Cuvier, 1798
Trivium Broderip, 1837
Trochus Linné, 1758
Trophon Montfort, 1810
Trophonopsis Bucquoy, Dautzenberg & Dollfus, 1882
Tropidomya Dall & Smith, 1886
Troschella Mørch, 1876
Turbonilla Risso, 1826
Turbonilla -2-
Turbona J.E. Gray, 1847 ex Leach MS
Turrisipho Dautzenberg & Fischer, 1912
Turritella Lamarck, 1799
Turritellopsis G.O. Sars, 1878
Turtonia Alder, 1848
Tylodina Rafinesque, 1814
Tyloidinella Mazzarelli, 1897
- Typhlomangelia* G.O. Sars, 1878
Ukko Norman, 1893
Utriculus Brown, 1844
Utriculus -2-
Utriculopsis M. Sars, 1870
Velutella J.E. Gray, 1847
Velutina Fleming, 1821
Venerupis Lamarck, 1818
Venus Linné, 1758
Venus -2-
Venus -3-
Venus -4-
Vepricardium Iredale, 1929
Vitreolina Monterosato, 1884
Vola Mørch, 1853
Volsella Scopoli, 1777
Volumitra Friele & Grieg, 1901
Volutmitra H. & A. Adams, 1853
Volutopsis G.O. Sars, 1878
Volutopsis Mørch, 1857
Volvula A. Adams, 1850
Volvulella Newton, 1891
Wirenia Odhner, 1921
Xenocratena Odhner, 1940
Xylophaga Turton, 1822
Xylotrya Menke, 1830 (?)
Yoldia Möller, 1842
Yoldiella Verrill & Bush, 1897
Zirfaea J.E. Gray, 1842 ex Leach MS
Zirphaea J.E. Gray, 1852
Zozia Winckworth, 1930
- 53140
 53117
 52100
 52100
 53118
 53140
 54131
 57630
 53210
 57650
 54971
 54912
 54913
 54913
 54912
 53210
 54920
 53161
 53040
 53300
 53300
 57950
 53304
 54000
 54000
 53112
 53302
 53120
 53120
 57700
 54800
 54800
- (See *Lepidochitona*)
 (See *Tonicella*)
 (See *Scaphander*)
 (See *Astarte*)
 (See *Triphora*)
 (See *Mactra*)
 (See *Cuthona*)
 (See *Triopella*)
 (See *Limacia*)
 (See *Issena*)
 (See *Calliostoma*)
 (See *Trophonopsis*)
 (See *Chrysallida*)
 (See *Alvania*)
 (See *Colus*)
 (See *Roya*)
 (See *Roya*)
- 53320
 53302
 54121
 54110
 54131
 53160
 53160
 57700
 57700
 57700
 57700
 57640
 53230
 57510
 57100
 53306
 53306
 53302
 53302
 54121
 54121
 51001
 54971
 57820
 57821
 57010
 57010
 57820
 57820
 57674
- (See *Beringius*)
 (See *Retusa*)
 (See *Rhinodiaphana*)
 (See *Velutina*)
 (See *Circomphalus*)
 (See *Clausinella*)
 (See *Chamelea*)
 (See *Timoclea*)
 (See *Cerastoderma*)
 (See *Pecten*)
 (See *Modiolus*)
 (See *Volutomitra*)
 (See *Volutopsis*)
 (See *Volvulella*)
 (See *Cuthona*)
 (See *Bankia*)
 (See *Zirfaea*)
 (See *Solecurtus*)

REFERENCES

- Abbott, R.T. 1974. *American Seashells*. 2. edition. Van Nostrand Reinhold, New York. 663 pp.
- Ankel, W.E. 1936. Prosobranchia. — *Tierwelt der Nord- und Ostsee* 9b:1–240.
- Appellöf, A. 1893. Teuthologische Beiträge. — *Bergens Museums Aarbog* 1892 (1):1–14.
- Backeljau, T., M. de Meyer, L. Janssens & R. Procsmans 1984. The systematics and distribution of *Altenaeum dawsoni* (Jeffreys, 1864) with special reference to some new records from northern Norway (Mollusca, Bivalvia: Condyllocardiidae?). *Sarsia* 69:205–209.
- Baxter, R. & J.H. McLean 1984. The genera *Moelleria* Jeffreys, 1865, and *Spiromoelleria* gen. nov. in the North Pacific, with description of a new species of *Spiromoelleria* (Gastropoda: Turbinidae). — *Veliger* 27:219–226.
- Bergan, P. 1969. Tøffelsneglen i Norge. — *Fauna* (Oslo) 22:275–280.
- Bergstad, O.A. 1974. Funn av tøffelsnegl i Skottevik i Lillesand kommune. — *Fauna* (Oslo) 27:90–91.
- Bertsch, H. 1977. The Chromodoridinae nudibranchs from the Pacific coast of America. — Part I. Investigative methods and supraspecific taxonomy. — *Veliger* 20:107–118.
- 1980. A new species of Tyloidiidae (Mollusca: Opisthobranchia) from the northeastern Pacific. — *Sarsia* 65:233–237.
- Bishop, M.J. 1976. *Hydrobia neglecta* Muus in the British Isles. *Journal of Molluscan Studies* 42:319–326.
- Boss, K.J. 1982. Mollusca. Pp. 945–1166 in: S.P. Parker (ed.). *Synopsis and Classification of Living Organisms*. Vol. 1. McGraw-Hill, New York.
- Bouchet, P. 1975. Opisthobranches de profondeur de l'Océan Atlantique: I – Cephalaspidea. — *Cahiers de Biologie Marine* 16:317–365.
- Bouchet, P. & H. Guillemot 1978. The *Triphora perversa*-complex in Western Europe. — *Journal of Molluscan Studies* 44:344–356.
- Bouchet, P. & J. Tardy 1976. Faunistique et biogéographie des nudibranches des côtes françaises de l'Atlantique et de la Manche. — *Annales de l'Institut Océanographique* 52:205–213.
- Bouchet, P. & A. Warén 1979. The abyssal molluscan fauna of the Norwegian Sea and its relation to other faunas. — *Sarsia* 64: 211–243.
- 1980. Revision of the North-East Atlantic bathyal and abyssal Turridae (Mollusca, Gastropoda). — *Journal of Molluscan Studies*, Suppl. 8:1–119.
- Bowden, J. & D. Heppell 1966. Revised list of British Mollusca. 1. Introduction; Nuculacea–Ostreacea. — *Journal of Conchology* 26:99–124.
- 1968. Revised list of British Mollusca. 2. Unionacea–Cardiacea. — *Journal of Conchology* 26:237–272.
- Brock, V. 1980. The geographical distribution of *Cerastoderma (Cardium) edule* (L.) and *C. lamarcki* (Reeve) in the Baltic and adjacent seas related to salinity and salinity fluctuations. — *Ophelia* 19:207–214.
- Brøgger, W.C. 1872. *Bidrag til Kristianiafjordens Mollusk-fauna*. Johan Dahl, Christiania. 43 pp.
- Brown, G.H. 1980. The British species of the aeolidacean family Tergipedidae (Gastropoda: Opisthobranchia) with a discussion of the genera. — *Zoological Journal of the Linnean Society* 69: 225–255.
- 1981a. The taxonomy of the British species of the genus *Facelina* Alder & Hancock (Opisthobranchia: Nudibranchia). *Journal of Molluscan Studies* 47:334–336.
- 1981b. *Aeolidiella* Bergh, 1867 (Gastropoda, Opisthobranchia): Proposals to clarify the type species of the genus. — *Bulletin of Zoological Nomenclature* 38:294–296.
- Bush, K.J. 1897. Revision of the marine gastropods referred to *Cyclostrema*, *Adeorbis*, *Vitrinella* and related genera. — *Transactions of the Connecticut Academy of Arts and Sciences* 10: 97–143.
- Cervera, J.L., J.C. Garcia & F.J. Garcia 1985. Redescription of *Geitodoris planata* (Alder & Hancock, 1846) (Gastropoda: Nudibranchia). — *Journal of Molluscan Studies* 51:198–204.
- Chavan, A. 1969. Superfamilies Leptonacea Gray, 1847, and Cyamiacea Philippi, 1845. Pp. N518–N543 in: R.C. Moore (ed.) *Treatise on Invertebrate Paleontology* Part N, Vol. 2. Geological Society of America, Lawrence, Kansas.
- Christiaens, J. 1973. Révision du genre *Patella* (Mollusca, Gastropoda). — *Bulletin du Muséum National d'Histoire Naturelle* (zoologie 121) 3. série 182:1305–1392.
- Clarke, M.R. 1966. A review of the systematics and ecology of oceanic squids. — *Advances in Marine Biology* 4:91–300.
- Cowan, I. McT. 1968. The interrelationship of certain boreal and arctic species of *Yoldia* Möller, 1842. — *Veliger* 11:51–58.
- Dautzenberg, P. & H. Fischer 1912. Mollusques provenant des campagnes de l'HIRONDELLE et de la PRINCESSE-ALICE dans les Mers du Nord. — *Résultats des Campagnes Scientifiques accomplies sur son Yacht par Albert I.* 37:1–629.
- Dodge, H. 1952. A historical review of the mollusks of Linnaeus. Part 1. The classes Loricata and Pelecypoda. — *Bulletin of the American Museum of Natural History* 100(1):1–263.
- Dommasnes, A. & T. Schram 1973. Nytt funn av tøffelsnegl, *Crepidula fornicata* L., i Norge. — *Fauna* (Oslo) 26:249–252.
- Dons, C. 1928. Zoologiske notiser III. — *Kongelige Norske Videnskabers Selskab, Forhandling* 1:135–137.
- 1929. Zoologiske notiser IV. — *Kongelige Norske Videnskabers Selskab, Forhandling* 1:169–172.
- 1931a. Zoologiske notiser X. *Panopæa norvegica* var. *triangula* nov. var. — *Kongelige Norske Videnskabers Selskab, Forhandling* 4:5–8.
- 1931b. Zoologiske notiser XIV. Nordgrenser for endel muslinger. — *Kongelige Norske Videnskabers Selskab, Forhandling* 4:62–65.
- 1933a. Zoologiske notiser XVIII. Om utbredelsen

- av Hanleya nagelfar. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 5:151–153.
- 1933b. Norges strandfauna IV. Utbredelsen av *Patella vulgata*. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 6:185–188.
 - 1933c. Zoologische Notizen XXIV. – Über die Verbreitung der Pleurophyllidia Lovéni. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 6:183–184.
 - 1934. Norges strandfauna V. Chitonider. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 7:4–7.
 - 1937a. Norges strandfauna XIII. Muslinger 1. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 9:165–167.
 - 1937b. Norges strandfauna XIV. Muslinger 2. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 9:168–171.
 - 1937c. Norges strandfauna XV. Muslinger 3. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 10:28–31.
 - 1937d. Norges strandfauna XVIII. Muslinger 6. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 10:48–51.
 - 1937e. Norges strandfauna XIX. Muslinger 7. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 10:52–55.
 - 1941. Zoologische Notizen XXXIX. Die Tapes-Arten Norwegens. *Kongelige Norske Videnskabs Selskab, Forhandlinger* 13:161–164.
 - 1949. Norges strandfauna XXXV. Fremgjellesnegler 1. – *Kongelige Norske Videnskabs Selskab, Forhandlinger* 21:191–196.
- Eales, N.B. 1960. Revision of the world species of *Aplysia* (Gastropoda, Opisthobranchia). – *Bulletin of the British Museum (Natural History), Zoology* 5:269–404.
- Edmunds, M. & A. Kress 1969. On the European species of *Eubranchius* (Mollusca Opisthobranchia). – *Journal of the marine biological Association of the United Kingdom* 49:879–912.
- Ferreira, A.J. 1981. A new species of *Stenosemus* Middendorff, 1847 (Mollusca : Polyplacophora) in the abyssal Northeastern Pacific. – *Veliger* 23:325–328.
- 1982. The family Lepidochitonidae Iredale, 1914 (Mollusca: Polyplacophora) in the Northeastern Pacific. – *Veliger* 25: 93–138.
- Franc, A. 1968. Sous-classe des Pulmonés. Pp. 325–607 in: Vol. 5, Mollusques Gastéropodes et Scaphopodes (Fascicule III). In P.-P. Grassé (ed.). *Traité de Zoologie, Anatomie, Systematique, Biologie*. Masson et Cie, Paris.
- Fretter, V. & A. Graham 1977. The Prosobranch Molluscs of Britain and Denmark. Part 2 (pp.39–100)–Trochacea. – *Journal of Molluscan Studies, Suppl.* 3.
- 1978. The Prosobranch Molluscs of Britain and Denmark. Part 4 (pp. 153–241)–Marine Rissoacea. – *Journal of Molluscan Studies, Suppl.* 6.
 - 1980. The Prosobranch Molluscs of Britain and Denmark. Part 5 (pp. 243–284)–Marine Littorinacea. – *Journal of Molluscan Studies, Suppl.* 7.
- 1981. The Prosobranch Molluscs of Britain and Denmark. Part 6 (pp. 285–362)–Cerithiacea etc. – *Journal of Molluscan Studies, Suppl.* 9.
 - 1982. The Prosobranch Molluscs of Britain and Denmark. Part 7 (pp. 363–434)–‘Heterogastropoda’ (Cerithiopsacea etc.). *Journal of Molluscan Studies, Suppl.* 11.
- Friele, H. 1874. Oversigt over de i Bergens omegn forekommende skaldækte mollusker. – *Christiania Videnskabs-Selskabs Forhandlinger for 1873*:1–24.
- 1876. Bidrag til Vestlandets molluskfauna. – *Christiania Videnskabs-Selskabs Forhandlinger for 1875*:57–64.
 - 1903. Mollusken der ersten Nordmeerfahrt des Fischereidampfers “Michael Sars” 1900 unter Leitung von Herrn Dr. Johan Hjort. – *Bergens Museums Aarbog* 1902(3):1–18.
- Friele, H. & J. Grieg 1901. Mollusca III. – *The Norwegian North-Atlantic Expedition, 1876–1878* 7(5):1–129.
- Gascoigne, T. 1973. A taxonomic note on the genus *Acteon* Quatrefages 1844. – *Proceedings of the Malacological Society of London* 40:395–398.
- 1978. A proposed new list of British Ascoglossa (Opisthobranchia). – *Journal of Conchology* 29:333–336.
- Gascoigne, T. & J.B. Sigurdsson 1977. *Calliopaea oophaga* Lemche, 1974, a species new to the British fauna. – *Journal of Molluscan Studies* 43:286–289.
- Gosliner, T.M. 1981. The South African Janolidae (Mollusca: Nudibranchia) with descriptions of a new genus and two new species. – *Annals of the South African Museum* 86:1–42.
- Gosliner, T.M. & R.J. Griffiths 1981. Description and revision of some South African Aeolidacean Nudibranchia (Mollusca, Gastropoda). – *Annals of the South African Museum* 84:105–150.
- Greve, L. & T.J. Samuelsen 1970. A population of *Chlamys islandica* (O.F. Müller) found in western Norway. – *Sarsia* 45:17–23.
- Grieg, J.A. 1914. Bidrag til kundskaben om Hardangerfjordens fauna. *Bergens Museums Aarbog* 1913 (1):1–147.
- 1920. Brachiopoda, Scaphopoda, Gastropoda and Lamellibranchiata. – *Report on the Scientific Results of the “Michael Sars” North Atlantic Deep-Sea Expedition 1910* 3(2):1–21.
 - 1933a. Cephalopods from the West Coast of Norway. – *Bergens Museums Årbok* 1933, Naturvidenskabelig Rekke (4):1–25.
 - 1933b. Malacological notes. – *Bergens Museums Årbok* 1933, Naturvidenskabelig Rekke (5):1–8.
- Hadfield, M.G. 1963. *Coryphella parva* n.sp., a new nudibranchiate mollusc from the Øresund. – *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening i København* 125:371–376.
- Harry, H.W. 1967. A review of the living tectibranch snails of the genus *Volvulella*, with descriptions of a new subgenus and species from Texas. – *Veliger* 10:133–147.
- Haug, T. & T. Holthe 1984. Første funn av blekkspruten *Histioteuthis bonnellii* i Norge. – *Fauna* (Oslo) 37:22–25.

- Heppell, D. 1966. Recorder's report: marine Mollusca. – *Journal of Conchology* 26:78–79.
- Hoffman, H. 1926. Opisthobranchia. – *Tierwelt der Nord- und Ostsee* 9c:1–52.
- Høisæter, T. 1968a. *Skenea nitens*, *Ammonicera rota*, *Odostomia lukisi* and *Eulimella nitidissima*, small marine gastropods new to the Norwegian fauna. – *Sarsia* 31:25–34.
- 1968b. Taxonomic notes on the North-European species of “*Cyclostrema*” sensu JEFFREYS 1883 (Prosobranchia, Diotocardia). – *Sarsia* 33:43–58.
- Høpner Petersen, G. & P.J.C. Russell, 1971. *Cardium hauniense* compared with *C. exiguum* and *C. glaucum*. – *Proceedings of the malacological Society of London* 39:409–420.
- 1973. The nomenclature and classification of some European shallow-water *Cardium* species. – *Malacologia* 14:233–234.
- Horikoshi, M. 1967. Reproduction, larval features and life history of *Philine denticulata* (J. Adams) (Mollusca – Tectibranchia). – *Ophelia* 4:43–84.
- Houbrick, R.S. 1977. Reevaluation and new description of the genus *Bitium* (Cerithiidae). – *Veliger* 20:101–106.
- Hubendick, B. & A. Warén 1976. *Framgölade Snäckor från Svenska Västkusten*. Göteborg. 73 pp.
- Iredale, T. 1911. On some misapplied molluscan generic names. – *Proceedings of the Malacological Society of London* 9:253–263.
- 1915. Notes on the names of some British marine Mollusca. *Proceedings of the Malacological Society of London* 11:329–342.
- Iredale, T. & C.H. O'Donoghue 1923. List of British nudibranchiate Mollusca. – *Proceedings of the Malacological Society of London* 15:195–233.
- Jaekel, S. jr. 1952. Zur Verbreitung und Lebensweise der Opisthobranchier in der Nordsee. – *Kieler Meeresforschungen* 8:249–259.
- Janson, K. & R.D. Ward 1985. The taxonomic status of *Littorina tenebrosa* Montagu as assessed by morphological and genetic analyses. *Journal of Conchology* 32:9–15.
- Jeffreys, J.G. 1864. *British Conchology*. Vol. 2. Marine Shells. John van Voorst, London. 465 pp.
- 1867. *British Conchology*. Vol. 4. Marine Shells. John van Voorst, London. 486 pp.
- 1870. Norwegian Mollusca. – *Annals and Magazine of Natural History*. Ser. 4, 5:438–448.
- 1882. On the Mollusca procured during the ‘Lightning’ and ‘Porcupine’ expeditions, 1868–70. Part V. – *Proceedings of the Zoological Society of London* 1882:656–687.
- 1884. On the Mollusca procured during the ‘Lightning’ and ‘Porcupine’ expeditions, 1868–70. Part VIII. – *Proceedings of the Zoological Society of London* 1884:341–372.
- Jensen, A.S. 1904. *Pecten frigidus*, nomen Pectini profundorum maris polaris incolae novum datum. – *Videnskabelige Meddelelser fra den Naturhistoriske Forening i København* 1904:305–311.
- 1905. Studier over nordiske Mollusker. III. *Tellina* (*Macoma*). – *Videnskabelige Meddelelser fra den Naturhistoriske Forening i København* 1905: 23–51.
- 1912. Lamellibranchiata (Part I.). – *The Danish Ingolf-Expedition* 2(5):1–119.
- Jensen, A.S. & R. Spärck 1934. Bløddyr II. Saltvandsmuslinger. *Danmarks Fauna* 40:1–208.
- Johannessen, P. & P.B. Wikander 1976. *Devonia perrieri* (MALARD) (Bivalvia, Galeommatacea) found in Scandinavian waters. *Sarsia* 60:13–18.
- Just, H. & M. Edmunds 1985. North Atlantic Nudibranchs (Mollusca) seen by Henning Lemche. – *Ophelia*, Supplementum 2:1–150.
- Kaas, P. 1978. Notes on Loricata, 10. On the European Callochiton species. – *Basteria* 42:73–76.
- 1981. Scandinavian species of *Leptochiton* Gray, 1847 (Mollusca, Polyplacophora). – *Sarsia* 66:217–229.
- Kaas, P. & R.A. van Belle 1980. *Catalogue of Living Chitons (Mollusca: Polyplacophora)*. Dr. W. Backhuys, Publ., Rotterdam.
- Kafanov, A.I. 1980. Systematics of the subfamily Clinocardiinae Kafanov, 1975 (Bivalvia, Cardiidae). – *Malacologia* 19:297–328.
- Karling, T.G. 1966. *Rhodope veranyi* (Gastropoda, Euthyneura) von der norwegischen Küste. – *Sarsia* 24:33–35.
- Keen, M. 1969. Superfamily Tellinacea de Blainville, 1814. Pp. N613–N643 in: R.C. Moore (ed.) *Treatise on Invertebrate Paleontology* Part N, Vol. 2. Geological Society of America, Lawrence, Kansas.
- Kensler, C.B. 1964. The crevice habitat in western Norway. *Sarsia* 17:21–32.
- Kerney, M.P. 1976. A list of the fresh and brackish-water Mollusca of the British Isles. – *Journal of Conchology* 29:26–28.
- Kiær, H. & A. Wollebæk 1913. Om dyrelivet i Kristianiafjorden. I. Lophohelia-faunaen. – *Nyt Magazin for Naturvidenskaberne* 51:43–52.
- Kjennerud, J. 1962. Exclusion of *Graneledone verrucosa* (VERRILL) from the Norwegian fauna. – *Sarsia* 7:15–16.
- Knudsen, J. 1970. The systematics and biology of abyssal and hadal Bivalvia. – *Galathea Report* 11:1–241.
- Kobelt, W. 1876. Beiträge zur arctischen Fauna. – *Jahrbücher der Deutschen Malakozoologischen Gesellschaft*. 3:61–76.
- 1905. *Iconographie der Schalentragenden Europäischen Meeresconchylien*. 3. Band. C.W. Kreidel, Wiesbaden. 406 pp.
- Kolstad, K. 1959. *Patella aspera* Lam. new to Norway. – *Nature*, London 184:1886–1887.
- Krause, A. 1895. Nudibranchiaten von Tromsø. – *Tromsø Museums Aarshefter* 18:94–100.
- Kristensen, J.H. 1970. Fauna associated with the sipunculid *Phascolion strombi* (Montagu), especially the parasitic gastropod *Menestho diaphana* (Jeffreys). – *Ophelia* 7:257–276.
- Kristensen, T.K. & J. Knudsen 1983. A catalogue of the type specimens of Cephalopoda (Mollusca) in the Zoological Museum, University of Copenhagen. – *Steenstrupia* 9:217–227.
- Kuzirian, A.M. 1977. The rediscovery and biology of *Coryphella nobilis* Verrill, 1880 in New England

- (Gastropoda: Opisthobranchia). – *Journal of Molluscan Studies* 43:230–240.
- 1979. Taxonomy and biology of four New England coryphellid nudibranchs (Gastropoda: Opisthobranchia). – *Journal of Molluscan Studies* 45:239–261.
- Lande, E. 1970. The distribution of *Glossus humanus* (L.) (Mollusca, Bivalvia) along the Norwegian Coast. – *Kongelige Norske Videnskabers Selskabs Skrifter* 1970(7):1–7.
- 1971. A new southern record of *Yoldia amygdalea* Valenciennes (Mollusca, Pelecypoda) in Pölen, North Trøndelag. *Kongelige Norske Videnskabers Selskabs Skrifter* 1971(16): 1–4.
- 1975. A collection of Pelecypoda from Møre and Romsdal, Western Norway. – *Sarsia* 59:7–14.
- Lande, E. & B. Gulliksen 1971. *Zirfaea crispata* (L., 1758) (Mollusca, Pelecypoda) near Strømmen in Borgefjorden, Trondheimsfjorden. – *Kongelige Norske Videnskabers Selskabs Skrifter* 1971(11):1–4.
- Larsen, M. 1925. Nudibranchfaunaen i Drøbaksundet. II. Holo- og Cladohepatica. – *Skrifter utgit av det Norske Videnskaps Akademi i Oslo. I. Matematisk-Naturvidenskapelig Klasse* 1925(2):1–60.
- Leche, W. 1878. Öfersigt öfver de af svenska expeditionerna till Novaja Semlja och Jenissej 1875 och 1876 insamlade hafs-mollusker. – *Kongliga Svenska Vetenskaps-Akademiens Handlingar* 16(2):1–86.
- Lemche, H. 1935. On some nudibranchiate Gastropods from the northern Atlantic. – *Videnskabelige Meddelelser fra den Naturhistoriske Forening i København* 99:131–148.
- 1948. Northern and arctic Tectibranch Gastropods. I. The larval shells. II. A revision of the cephalaspid species. *Kongelige Danske Videnskabernes Selskab, Biologiske Skrifter* 5(3):1–136.
- 1967. *Rhinodiaphana* g.n. *ventricosa* (JEFFREYS, 1865) redescribed (Gastropoda, Tectibranchiata). – *Sarsia* 29:207–214.
- 1974. *Calliopa oophaga* n.sp., a new sacoglossan. Appendix to: T. Gascoigne & P.K. Sartory. The teeth of three bivalved gastropods and three other species of the order Sacoglossa. *Proceedings of the Malacological Society of London* 41:109–126.
- 1976. New British species of *Doto* Oken, 1815 (Mollusca: Opisthobranchia). – *Journal of the Marine Biological Association of the United Kingdom* 56:691–706.
- Lemche, H. & T.E. Thompson 1974. Three Opisthobranch Gastropods new to the British fauna. – *Proceedings of the malacological Society of London* 41:185–193.
- Lewis, J.R. & H. Tambs-Lyche 1962. *Littorina neritoides* in Scandinavia. – *Sarsia* 7:7–10.
- Lindberg, D.R. 1979. Variations in the limpet, *Collisella ochracea*, and the northeastern Pacific distribution of *Notoacmaea testudinalis* (Acmaeidae). – *Nautilus* 93:50–56.
- 1981. Rhodopetalinae, a new subfamily of Acmaeidae from the boreal Pacific: anatomy and systematics. *Malacologia* 20:291–305.
- Løyning, P. 1922. Nudibranchfaunaen i Drøbaksundet. I. Fam. Aeolididae. – *Skrifter utgit av det Norske Videnskaps-Akademi i Oslo. I. Matematisk-Naturvidenskapelig Klasse* 1922(6):1–103.
- 1927. Nudibranchs from Bergen, collected in the neighbourhood of the Biological Station at Herdla. – *Nyt Magazin for Naturvidenskaberne* 65:243–264.
- Lubinsky, I. 1980. Marine bivalve Mollusks of the canadian central and eastern Arctic: Faunal composition and zoogeography. *Canadian Bulletin of Fisheries and Aquatic Sciences* 207:1–190.
- Lützen, J. 1968. Unisexuality in the parasitic family Entoconchidae. – *Malacologia* 7:7–15.
- 1979. Studies on the life history of *Enteroxenos* Bonnevie, a gastropod endoparasitic in aspidochirote Holothurians. *Ophelia* 18:1–51.
- MacAndrew, R. & L. Barrett, 1856. List of the Mollusca observed between Drontheim and the North Cape. – *Annals and Magazine of Natural History*, Ser. 2, 17:378–386.
- McKay, D.W. & S.M. Smith 1979. *Marine Mollusca of East Scotland*. Published by the Royal Scottish Museum, Edinburgh. 185 pp.
- McLean, J.H. 1984. New species of northeast Pacific Archaeogastropods. – *Veliger* 26:233–239.
- McMillan, N.F. 1968. *British Shells*. Frederick Warne & Co., London. 196 pp.
- Marcus, E. d.B.–R. 1977. An annotated checklist of the western atlantic warm water opisthobranchs. – *Journal of Molluscan Studies*, Suppl. 4:1–22.
- 1982. Systematics of the genera of the order Ascoglossa (Gastropoda). – *Journal of Molluscan Studies*, Suppl. 10: 1–31.
- Marshall, B.A. 1980. The systematic position of *Triforis* Deshayes (Mollusca: Gastropoda). – *New Zealand Journal of Zoology* 7:85–88.
- 1981. The genus *Williamia* in the western Pacific (Mollusca: Siphonariidae). – *New Zealand Journal of Zoology* 8:487–492.
- Marshall, J.T. 1900. Additions to "British Conchology". – *Journal of Conchology* 9:284–296.
- Mattson, S. & A. Warén 1977. *Dacrydium ockelmanni* sp.n. (Bivalvia, Mytilidae) from western Norway. – *Sarsia* 63:1–6.
- Morton, B. 1981. The Anomalodesmata. – *Malacologia* 21:35–60.
- Muus, B.J. 1959. Skallus, Søtænder, Blæksprutter. – *Danmarks Fauna* 65:1–239.
- Nelson, C.M. 1976. The type-species of *Neptunea* Röding, 1798 (Gastropoda: Buccinacea). – *Nautilus* 90:139–141.
- Nielsen, C. 1980. On the occurrence of the prosobranchs *Littorina neritoides*, *L. mariae* and *L. obtusata* in Denmark. – *Journal of Molluscan Studies* 46:312–316.
- Nordgård, O. 1913. Foraminiferer og mollusker fra de vestlandske fjorde. – *Kongelige Norske Videnskabers Selskabs Skrifter* 1912(11):1–23.
- 1915. Havstrømmene og den norske marine fauna. – *Kongelige Norske Videnskabers Selskabs Skrifter* 1914(5):1–34.
- 1918. *Buccinum hydrophanum* Hanck. A high-arctic relict in the Trondhjem Fjord. – *Kongelige Norske Videnskabers Selskabs Skrifter* 1917(3):1–6.

- 1928a. Faunistic notes on marine evertebrates IV. — *Kongelige Norske Videnskabers Selskab, Forhandlinger* 1:109–112.
- 1928b. Faunistic notes on marine evertebrates V. — *Kongelige Norske Videnskabers Selskab, Forhandlinger* 1:153–154.
- Nordsieck, F. 1968. *Die Europäischen Meeres-Gehäuseschnecken (Prosobranchia)*. Gustav Fischer, Stuttgart. 273 pp.
- 1969. *Die Europäischen Meeresmuscheln*. Gustav Fischer, Stuttgart. 256 pp.
- 1972. *Die Europäischen Meeresschnecken (Opisthobranchia mit Pyramidellidae; Rissoacea)*. Gustav Fischer, Stuttgart. 327 pp.
- Norman, A.M. 1879. The mollusca of the fiords near Bergen, Norway. *Journal of Conchology* 2:8–77.
- 1893. A month on the Trondhjem Fiord. — *Annals and Magazine of Natural History* Ser. 6, 12:341–367.
- Ockelmann, K.W. 1954. On the interrelationship and the zoogeography of northern species of *Yoldia* Möller, s.str. (Mollusca, fam. *Ledidae*). — *Meddelelser om Grønland* 107(7):1–32.
- 1959. Marine Lamellibranchiata — The Zoology of East Greenland. — *Meddelelser om Grønland* 122(4):1–256.
- 1964. *Turtonia minuta* (Fabricius), a neotenous veneracean bivalve. — *Ophelia* 1:121–146.
- 1965. Redescription, distribution, biology, and dimorphous sperm of *Montacuta tenella* Lovén (Mollusca, Leptonacea). *Ophelia* 2:211–222.
- 1983. Descriptions of mytilid species and definition of the Dacrydiinae n.subfam. (Mytilacea–Bivalvia). — *Ophelia* 22:81–123.
- Ockelmann, K.W. & K. Muus 1978. The biology, ecology and behaviour of the bivalve *Mysella bidentata* (Montagu). — *Ophelia* 17:1–93.
- Ockelmann, K.W. & C. Nielsen 1981. On the biology of the prosobranch *Lacuna parva* in the Øresund. — *Ophelia* 20:1–16.
- Odhner, N.H. 1907. Northern and Arctic invertebrates in the collection of the Swedish State Museum. III. Opisthobranchia and Pteropoda. — *Kungliga Svenska Vetenskapsakademiens Handlingar* 41(4):1–114.
- 1912. Northern and Arctic invertebrates in the collection of the Swedish State Museum. V. Prosobranchia. 1 Diotocardia. *Kungliga Svenska Vetenskapsakademiens Handlingar* 48(1):1–93.
- 1913. Northern and Arctic invertebrates in the collection of the Swedish State Museum. VI. Prosobranchia. 2 Semiproboscifera. — *Kungliga Svenska Vetenskapsakademiens Handlingar* 50(5):1–89.
- 1915. Die Molluskenfauna des Eisfjordes. — *Kungliga Svenska Vetenskapsakademiens Handlingar* 54(1):1–274.
- 1921. Norwegian Solenogastres. — *Bergens Museums Aarbok* 1918–19, Naturvidenskabelig række (3):1–86.
- 1922. Norwegian Opisthobranchiate Mollusca in the collections of the Zoological Museum of Kristiania. — *Nyt Magazin for Naturvidenskaberne* 60:1–47.
- 1926. Nudibranchs and Lamellariids from the Trondhjem Fjord. *Kongelige Norske Videnskabers Selskabs Skrifter* 1926(2):1–36.
- 1929. Aeolidiiden aus dem nördlichen Norwegen. — *Tromsø Museums Årshefter* 50:1–22.
- 1937. *Hedylopsis suecica* n.sp. und die Nacktschneckenengruppe Acochliidae (Hedylacea). — *Zoologischer Anzeiger* 120:51–64.
- 1939. Opisthobranchiate Mollusca from the western and northern coasts of Norway. — *Kongelige Norske Videnskabers Selskabs Skrifter* 1939(1):1–92.
- 1940. Eine neue Nacktschnecke, *Xenocratena suecica* n.gen. n.sp., und ihre Verwandtschaft. — *Arkiv för Zoologi* 32B(2):1–8.
- 1941. New polycerid nudibranchiate Mollusca and remarks on this family. — *Göteborgs Kungliga Vetenskaps- och Vitterhets-Samhälles Handlingar* 6. Följden, Ser. B 1(11):1–20.
- 1960. Mollusca. — *Reports of the Swedish Deep-Sea Expedition* 2, Zoology (22):367–400.
- Oliver, P.G. 1981. The functional morphology and evolution of recent Limopsidae (Bivalvia, Arcoidea). — *Malacologia* 21:61–93.
- Palmer, K.V.W., 1958. Type specimens of marine mollusca described by P.P. Carpenter from the west coast. — *Memoir Geological Society of America* 76:1–376.
- Pearce, J.B. & G. Thorson 1967. The feeding and reproductive biology of the red whelk, *Neptunea antiqua* (L.). (Gastropoda, Prosobranchia). — *Ophelia* 4:277–314.
- Picton, B.E. 1979. *Caloria elegans* (Alder & Hancock) comb. nov. Gastropoda: Opisthobranchia, an interesting rediscovery from S.W. England. — *Journal of Molluscan Studies* 45:125–130.
- Picton, B.E. & G.H. Brown 1978. A new species of *Cuthona* (Gastropoda: Opisthobranchia) from the British Isles. — *Journal of Conchology* 29:345–348.
- Platts, E. 1985. An annotated list of the north Atlantic Opisthobranchia. — *Ophelia*, Supplementum 2:150–170.
- Poizat, C. 1981. Gastropodes mesopsammiques de la Mer du Nord (Robin Hood's Bay, U.K.). Ecologie et distribution. — *Journal of Molluscan Studies* 47:1–10.
- Ponder, W.F. 1971. Some New Zealand and subantarctic bivalves of the Cyamiacea and Leptonacea with descriptions of new taxa. *Records of the Dominion Museum* 7:119–141.
- 1973. The origin and evolution of the Neogastropoda. — *Malacologia* 12:295–338.
- 1983. Review of the genera of the Barleeidae (Mollusca: Gastropoda: Rissoacea). — *Records of the Australian Museum* 35:231–281.
- 1984. A review of the genera of the Iravadiidae (Gastropoda: Rissoacea) with an assessment of the relationships of the family. — *Malacologia* 25:21–71.
- 1985. A review of the genera of the Rissoidae (Mollusca: Mesogastropoda: Rissoacea). — *Records of the Australian Museum*, Supplement 4:1–221.
- Powell, A.W.B. 1966. The molluscan families Speightiidae and Turridae. — *Bulletin of the Auckland Institute and Museum* 5:1–184.

- 1973. The patellid limpets of the world (Patellidae). — *Indo-Pacific Mollusca* 3:75–206.
- Prezant, R.S. 1981. Taxonomic re-evaluation of the bivalve family Lyonsiidae. — *Nautilus* 95:58–72.
- Pruvot-Fol, A. 1934. Les Doridiens de Cuvier publiés dans les Annales du Muséum en 1804. Etude critique et historique. *Journal de Conchyliologie* 78:209–261.
- Rasmussen, E. 1973. Systematics and ecology of the Isefjord marine fauna (Denmark). — *Ophelia* 11:1–507.
- Rivest, B.R. 1984. Copulation by hypodermic injection in the nudibranchs *Palio zosteræ* and *P. dubia* (Gastropoda, Opisthobranchia). — *Biological Bulletin* 167:543–554.
- Rehder, H.A. 1962. The status of *Nucella* Roeding. — *Nautilus* 75:109–111.
- Ride, W.D.L. & al. 1985. *International Code of Zoological Nomenclature*. Third edition. International Trust for Zoological Nomenclature. London. 338 pp.
- Robertson, R. 1962. Supplementary notes on the Rissoellidae (Gastropoda). — *Notulae Naturae of the Academy of Natural Sciences of Philadelphia* 352:1–2.
- Robson, G.C. 1932. *A Monograph of the Recent Cephalopoda*. Part II. The Octopoda. Printed by the British Museum (Natural History), London. 359 pp.
- Rost, H. 1955. A report on the family Arcidae (Pelecypoda). — *Allan Hancock Pacific Expeditions* 20:177–261.
- Rudman, W.B. 1972. The genus *Philine* (Opisthobranchia, Gastropoda). — *Proceedings of the Malacological Society of London* 40:171–187.
- Runnegar, B. 1972. Anatomy of *Pholadomya candida* (Bivalvia) and the origin of the Pholadomyidae. — *Proceedings of the malacological Society of London* 40:45–58.
- Rustad, D. 1955. Boremuslingen *Petricola pholadiformis* Lmk., ny for Norge (?). — *Fauna* (Oslo) 1955:60–62.
- Rygg, B. 1970. Studies on *Cerastoderma edule* (L.) and *Cerastoderma glaucum* (POIRET). — *Sarsia* 43:65–80.
- Salvini-Plawen, L. von 1975. Mollusca Caudofoveata. — *Marine Invertebrates of Scandinavia* 4:1–54.
- 1978. Antarktische und subantarktische Solenogastres. Eine Monographie: 1898–1974. — *Zoologica* (Stuttgart) 44:1–315.
- 1980. A reconsideration of systematics in the Mollusca (phylogeny and higher classification). — *Malacologia* 19: 249–278.
- Santhakumaran, L.M. 1980. Two new species of *Xylophaga* from Trondheimsfjorden, western Norway (Mollusca, Pelecypoda). *Sarsia* 65:269–272.
- Sars, G.O. 1878. *Bidrag til Kundskaben om Norges arktiske Fauna. I. Mollusca Regionis Arcticae Norvegiae. Oversigt over de i Norges arktiske region forekommende bløddyr*. Universitets program for første halvår 1878. Christiania. 466 pp.
- Sars, M. 1865. *Om de i Norge forekommende fossile dyrelevninger fra kvartærperioden*. — Universitetsprogram for første halvår 1864. Christiania. 134 pp.
- 1869. Remarks on the distribution of animal life in the depths of the sea. — *Annals and Magazine of Natural History*, Ser. 4, 3:423–441.
- 1870. Bidrag til Kundskab om Christianiafjordens Fauna. *Nyt Magazin for Naturvidenskaberne* 17:113–226.
- Schlesch, H. 1926. Notes sur la distribution du *Volutoopsis norvegica* Chemn. et du *Beringius turtoni* Bean. — *Journal de Conchyliologie* 70:146–150.
- Simpson, J. 1910. Notes on some rare Mollusca from the North Sea and Shetland–Faeroe Channel. — *Journal of Conchology* 13:109–115.
- Smith, E.H. 1967. Two new species of British Turrids. — *Veliger* 10:1–4.
- Smith, S.M. 1970. *Rissoa violacea* Desmarest, *Rissoa lilacina* Récluz, *Rissoa rufilabrum* Alder and *Rissoa porifera* Lovén and their distribution in British and Irish waters. — *Journal of Conchology* 27:235–248.
- 1982. A review of the genus *Littorina* in British and Atlantic waters (Gastropoda: Prosobranchia). *Malacologia* 22:535–539.
- Sneli, J.A. 1968. Pelikanfotsneglen, *Aporrhais serresiana*, langs Norges sydøstkyst. — *Fauna* (Oslo) 21:193–194.
- 1969. Levende *Sepia officinalis* funnet i Oslofjorden. *Fauna* (Oslo) 22:281–285.
- 1974. A collection of marine Mollusca from Møre and Romsdal, Northwestern Norway. — *Kongelige Norske Videnskabers selskab Museet, Miscellanea* 20:1–17.
- 1979. Prosobranchia from Sognefjorden, Western Norway. *Sarsia* 64:259–267.
- Sneli, J.A. & P. van Marion 1979. Nye strandsnegler i norsk fauna. *Fauna* (Oslo) 32:4–8.
- Soot-Ryen, T. 1941. Northern Pelecypods in the collection of Tromsø Museum. I. Order Anomalodesmacea, families Pholadomyidae, Thraciidae and Peripomatidae. — *Tromsø Museums Årshefter* 61(1):1–41.
- 1951. New records of the distribution of marine Mollusca in Northern Norway. — *Astarte* 1:1–5.
- 1958. Pelecypods from East-Greenland. — *Norsk Polarinstitutt Skrifter* 113:1–32.
- 1963. Notes on the species of *Pecten* described by O.F. Müller, 1776. — *Proceedings of the Malacological Society of London* 35:111–112.
- 1966. Revision of the pelecypods from the Michael Sars North Atlantic deep-sea expedition 1910. — *Sarsia* 24:1–31.
- 1969. Superfamily Mytilacea Rafinesque, 1815. Pp. N271–N280 in: R.C. Moore (ed.). *Treatise on Invertebrate Paleontology* Part N, Vol. 1. Geological Society of America, Lawrence, Kansas.
- Sparre Schneider, J. 1885–1886. Undersøgelser af dyrelivet i de arktiske fjorde. III. Tromsøundets molluskfauna. *Tromsø Museums Aarshefter* 8:45–112 & 9:1–50.
- 1893. Nogle bemærkninger om hysens (*Gadus aeglefinus*, Lin.) næringsforholde, tillige et bidrag til kundskaben om Vardøhavets skaldækte mollusker. — *Tromsø Museums Aarshefter* 16:1–16.

- 1895. Fortsatte bidrag til kundskaben om Tromsø-sundets molluskfauna. — *Tromsø Museums Aarshefter* 18:101–106.
- Spoel, S. van der 1972. Pteropoda Thecosomata. — *Fiches d'Identification du Zooplankton* 140–142:1–12.
- Stokland, Ø. 1981. *Prosobranchgruppen Bela auct i Grønlandske og nordlige Nordøstatlantiske farvann*. Cand. scient.-thesis in zoology, University of Trondheim.
- 1985. Muslingslekten *Mya* i norske farvann. — *Fauna* (Oslo) 38:83–86.
- Sykes, E.R. 1904. On the Mollusca procured during the "Porcupine" expeditions, 1869–1870. Supplemental notes, part I. *Proceedings of the Malacological Society of London* 6:23–40.
- Tebble, N. 1976. *British Bivalve Seashells*. 2. ed. Her Majesty's Stationery Office, Edinburgh. 212 pp.
- Thiele, J. 1928. Arktische Loricaten, Gastropoden, Scaphopoden und Bivalven. — *Fauna Arctica* 5:563–632.
- Thompson, T.E. 1976. *Biology of Opisthobranch Molluscs* Vol. I. The Ray Society, London. 206 pp.
- 1980. New species of the bullomorph genus *Runcina* from the northern Adriatic Sea. — *Journal of Molluscan Studies* 46: 154–157.
- Thompson, T.E. & G.H. Brown 1976. British Opisthobranch Molluscs. — *Synopses of the British Fauna (New Series)* 8:1–203.
- 1981. Allocation of the nudibranch *Doris millegrana* Alder & Hancock, 1854 to the genus *Discodoris* Bergh, 1877, after reexamination of the type material. — *Zoological Journal of the Linnean Society* 72:263–266.
- 1984. *Biology of Opisthobranch Molluscs*. Vol. II. The Ray Society, London. 229 pp.
- Tunberg, B. 1983. Population structure, size distribution, and shell growth of *Dosinia lupinus* (L.) (Bivalvia) in Raunefjorden, western Norway. — *Sarsia* 68:33–40.
- 1984. Population ecology of *Dosinia exoleta* (L.) (Bivalvia) in Raunefjorden, western Norway. — *Sarsia* 69:159–168.
- Turner, R.D. 1969. *A Survey and Illustrated Catalogue of the Terebrinidae (Mollusca: Bivalvia)*. Published by The Museum of Comparative Zoology, Harvard University, Cambridge, Mass. 265 pp.
- Urk, R.M. van 1964. The genus *Ensis* in Europe. — *Basteria* 28:13–44.
- Vader, W. 1968. *Acanthochiton fascicularis* (Mollusca) and *Tanais cavolinii* (Crustacea) on the island of Vedøy, Lofoten. — *Fauna* (Oslo) 21:57–58.
- 1972. Nordgrensen for albueskjell, *Patella vulgata*, i Finnmark. — *Fauna* (Oslo) 25:77–78.
- 1975. Range extension of *Patella vulgata* (Mollusca, Prosobranchia) on the island of Skjervøy, northern Norway, between 1933 and 1973. — *Astarte* 8:49–51.
- 1981. *Alderia modesta* (Gastropoda, Sacoglossa) in northern Norway. — *Fauna Norvegica*, Series A 2:41–46.
- Verkrüzen, T.A. 1875. Bericht über einen Schabe-Ausflug im Sommer 1874. — *Jahrbücher der Deutschen Malakozoologischen Gesellschaft* 2:229–240.
- Voss, N.A. 1980. A generic revision of the Cranchiidae (Cephalopoda: Oegopsidae). — *Bulletin of Marine Science* 30:365–412.
- Warén, A. 1972a. *Balcis macrophthalmica* sp.n. (Gastropoda, Prosobranchia). — *Sarsia* 48:49–50.
- 1972b. *Balcis curta* sp.n. (Gastropoda Prosobranchia). *Sarsia* 51:1–2.
- 1972c. On the systematic position of *Fissurisepta granulosa* JEFFREYS, 1882 and *Patella latero-compressa* DE RAYNEVAL & PONZI, 1854 (Gastropoda Prosobranchia). — *Sarsia* 51:17–24.
- 1972d. *Cingula globuloides* sp.n. (Gastropoda, Prosobranchia) from Northern Atlantic. — *Zoologica Scripta* 1:191–192.
- 1973. Revision of the Rissoidae from the Norwegian North Atlantic Expedition 1876–78. — *Sarsia* 53:1–14.
- 1974. Revision of the Arctic-Atlantic Rissoidae (Gastropoda, Prosobranchia). — *Zoologica Scripta* 3:121–135.
- 1978. The taxonomy of some North Atlantic species referred to *Ledella* and *Yoldiella* (Bivalvia). — *Sarsia* 63:213–219.
- 1980a. Marine Mollusca described by John Gwyn Jeffreys, with the location of the type material. — *Conchological Society Special Publication* 1:1–60.
- 1980b. Revision of the genera *Thyca*, *Stilifer*, *Scalenostoma*, *Mucronalia* and *Echineulima* (Mollusca, Prosobranchia, Eulimidae). — *Zoologica Scripta* 9:187–210.
- Wikander, P.B. 1981. *Modiolus adriaticus* LAMARCK (Bivalvia, Mytilidae) in Norway. — *Sarsia* 66:73–76.
- Willan, R.C. 1981. A new abyssal arminacean nudibranch from New Zealand. — *New Zealand Journal of Zoology* 8:325–330.
- Willassen, E. 1986. *Haliphron atlanticus* Steenstrup (Cephalopoda, Octopoda) from the coast of Norway. — *Sarsia* 71:35–40.
- Winckworth, R. 1932. A list of the marine Mollusca of the British Isles. — *Journal of Conchology* 19:217–252.
- 1951. A list of the marine Mollusca of the British Isles: Additions and corrections. — *Journal of Conchology* 23:131–134.
- Yonge, C.M. 1977. Form and evolution in the Anomiacea (Mollusca: Bivalvia) — *Pododesmus*, *Anomia*, *Patro*, *Enigmonia* (Anomiidae): *Placunanomia*, *Placuna* (Placunidae Fam. Nov.). *Philosophical Transactions of the Royal Society of London B*, 276:453–523.
- 1980. On *Patro australis* with comparisons of structure throughout the Anomiidae (Bivalvia). — *Malacologia* 20:143–151.

Accepted 27 June 1985.

