

**NEAT (North East Atlantic Taxa):
Scandinavian marine Porifera
(Spongiaria) Check-List**
compiled at TMBL (Tjärnö Marine
Biological Laboratory) by:

Hans G. Hansson 1988-11-25 / small revisions until November 1994, when it for the first time was published on Internet. Again revised February 1996 (and still more June 1999) before it was republished as a pdf file.

Citation suggested: Hansson, H.G. (Comp.), 1999. NEAT (North East Atlantic Taxa): Scandinavian marine Porifera (Spongiaria) Check-List. Internet pdf Ed., June 1999. [http://www.tmb.lgu.se].

Denotations: (™) = Genotype @ = Associated to * = General note

N.B.: This is one of several preliminary check-lists, covering S. Scandinavian marine animal (and partly marine protocist) taxa. Some financial support from (or via) NKMB (Nordiskt Kollegium för Marin Biologi), during the last years of the existence of this organisation (until 1993), is thankfully acknowledged. The primary purpose of these checklists is to facilitate for everyone, trying to identify organisms from the area, to know which species that earlier have been encountered there, or in neighbouring areas. A secondary purpose is to facilitate for non-experts to find as correct names as possible for organisms, including names of authors and years of description. So far these checklists are very preliminary. Due to restricted access to literature there are (some known, and probably many unknown) omissions in the lists. Certainly also several errors may be found, especially regarding taxa like Plathelminthes and Nematoda, where the experience of the compiler is very rudimentary. The credibility of some other lists, containing taxa like e.g. Porifera, where, at least in certain subtaxa, taxonomic confusion seems to prevail, is certainly also suboptimal so far.

Sponge taxonomy still seem to be in need of much developing. Partly because of this, and chiefly because of an, in this field of zoo-systematics, much inexperienced compiler, several nomenclatural additions, corrections, changings and synonymizations may be expected among the taxa treated in this context, if a trained spongiologist would care to bother about it. It would probably be possible to rearrange some of the main clades in a better way than is done here, but I have so far decided to await some more consensus among sponge workers.

Taxa with known distributions altogether in the Mediterranean, or further south are usually not listed. This is chiefly true also for Arctic taxa, known only from areas north of N. Norway. With few exceptions only species living above abyssal depths have been listed. It is to some extent probable that some new taxa, described recently from the area, have been inadvertently omitted.

N.B. This document is intended to be completely unavailable regarding nomenclature within the meaning of ICZN.

PORIFERA Grant, in Todd, 1836

= **SPONGIARIA** Hatschek, 1888

* recognized by Sollas as Parazoa, an isolated branch of Metazoa.

HEXACTINELLIDA O. Schmidt

= **TRIAxonIDA**

= **SYMPLASMA**

= **HYALOSPONGIAE**

HEXASTEROPHORA F.E. von Schulze

LYSSACINOSIDA Zittel (Hartman, 1982)

Caulophacidae F.E. von Schulze, 1886

Caulophacus F.E. von Schulze, 1886 (™ *C. latus* F.E. von Schulze, 1886)

C. arcticus (Armauer Hansen, 1885)
Stavangerfjord, Norwegian Sea, abyssal Arctic

Caulodiscus Ijima, 1927 (™ *Caulophacus lotifolium* Ijima, 1903)

Caulophacella von Lendenfeld, 1915

Sympagella O. Schmidt, 1870

Euplectellidae J.E. Gray, 1867

Euplectellinae J.E. Gray, 1867

Euplectella Owen, 1841 (™ *E. aspergillum* Owen, 1841)

E. suberea Wyville Thomson, 1877
off N Scotland, off SW Iceland, Biscay, off Azores

Acoelocalyx Topsent, 1910

Docosaccus Topsent, 1910

Holascella von Lendenfeld, 1915

Holascus F.E. von Schulze, 1886 (™ *Holascus stellatus* F.E. von Schulze, 1886)

Malacosaccus F.E. von Schulze, 1886

Corbitellinae Ijima, 1903

Bolosoma Ijima, 1903

Corbitella J.E. Gray, 1867

Dictyaulus F.E. von Schulze, 1895

Dictyocalyx F.E. von Schulze, 1886

Heterotella J.E. Gray, 1867

Hertwigia O. Schmidt, 1880

Hyalostylus F.E. von Schulze, 1886

Regadrella O. Schmidt, 1880

Rhabdopectella O. Schmidt, 1880

Saccocalyx F.E. von Schulze, 1895

Trachycaulus F.E. von Schulze, 1886

Walteria F.E. von Schulze, 1886

Leucopsacadiidae Ijima, 1903

= **Leucopsacidae** Ijima

= **Leucopsacasidae** Ijima

Leucopsacus Ijima, 1898

L. ingolfti Burton, 1928

off NE Greenland

Caulocalyx F.E. von Schulze, 1886

Chaunangium F.E. von Schulze, 1904

Chaunoplectella Ijima, 1896

Placopegma F.E. von Schulze, 1896

Rossellidae Gray, 1872

Rossellinae Gray, 1872

Anoxycalyx Kirkpatrick, 1907 (™ *A. ijimai* Kirkpatrick, 1907)

A. laceratus Koltun, 1967

Greenland Sea, Arctic basin

Askonema Saville Kent, 1870

= **Asconema** O. Schmidt, 1880

A. setubalense Saville Kent, 1870 (™)

E & NE Greenland, Denmark Strait, off Faeroes, between Faeroes & Iceland, off Portugal, Bay of Biscay, between Faeroes & Norway, off N Scotland, Azores

Rossella Carter, 1872 (™ *Rossella antarctica* Carter, 1872)

R. mortenseni Burton, 1928

off W Faeroes, off S Iceland

Schaudinmia F.E. von Schulze, 1900

S. rosea (Friedstedt, 1887) (™)

= **S. arctica** F.E. von Schulze, 1899 & 1900

E Greenland, off N Spitsbergen

Scyphidium F.E. von Schulze, 1900

S. septentrionale F.E. von Schulze, 1900 (™)

Spitsbergen area

Trichasterina F.E. von Schulze, 1900

T. borealis F.E. von Schulze, 1900 (™)

Spitsbergen, off NE Greenland, off SE Iceland

Anaulosoma Kirkpatrick, 1907

Aphorme F.E. von Schulze, 1899

Aulochone F.E. von Schulze, 1886

Aulorossella Kirkpatrick, 1907 (™ *Aulorossella levis* Kirkpatrick, 1907)

Aulosaccus Ijima, 1896

Bathydorus F.E. von Schulze, 1886 (™ *Bathydorus fimbriatus* F.E. von Schulze, 1886)

Crateromorpha Gray, 1872

Gymnorossella Topsent, 1916

Hyalascus Ijima, 1896

Scolymastra Topsent, 1916 (™ *Scolymastra joubini* Topsent, 1916)

Vitrollula Ijima, 1898

Acanthascinae F.E. von Schulze, 1897

Rhabdocalyptus F.E. von Schulze, 1886 (™ *R. mollis* F.E. von Schulze, 1886)

R. arcticus Brøndsted, 1916

NE Greenland

Acanthascus F.E. von Schulze, 1886

Staurocalyptus Ijima, 1897

Lanuginellinae F.E. von Schulze, 1897

Mellonympha F.E. von Schulze, 1897

M. velata (Thomson, 1873) (™)

Norwegian Sea

Calycosoma F.E. von Schulze, 1899

Lanuginella O. Schmidt, 1869

Lanugonychia von Lendenfeld, 1915

Lophocalyx F.E. von Schulze, 1887

HEXACTINOSIDA
= DICTYONIDA Zittel

Farreidae Gray, 1872

Farrea Bowerbank, 1862

F. occa Bowerbank, 1862 (TM)
off SW Iceland

Claviscopulia F.E. von Schulze, 1899

Lonchiphora Ijima, 1927

Sarostegia Topsent, 1904

Aphrocallistidae J.E. Gray, 1867

Aphrocallistes Gray, 1858 (TM *A. beatrix* Gray, 1858)

A. beatrix Gray, 1858 *bocagei* Wright, 1870
off S & SW Iceland, Denmark Strait

Heterochone Ijima, 1927

Euretidae Zittel, 1877

Bathyxiphus F.E. von Schulze, 1899 (TM *Bathyxiphus subtilis* F.E. von Schulze, 1899)

Chonelasma F.E. von Schulze, 1886 (TM *Chonelasma lamella* F.E. von Schulze, 1886)

Conorete Ijima, 1927

Eurete Semper, 1868

Gymnorete Ijima, 1927

Heterorete Dendy, 1916

Iphiteon Bowerbank, 1869

Lefroyella Thomson, 1877

Margaritella O. Schmidt, 1880

Myliusia Gray, 1859

Pararete Ijima, 1927

Periphragella Marshall, 1875

Pleurochorium Schrammen, 1910

Ptychodesia Schrammen, 1910

Craticulariidae Rauff, 1893
= Laocoetidae Pomel

Laocoetis Pomel, 1872
= *Leptophragmella* Reid, 1963

Tretodietyidae F.E. von Schulze, 1886

Anomochone Ijima, 1927

Auloplax F.E. von Schulze, 1904

Cyrtaulon F.E. von Schulze, 1887

Hexactinella Carter, 1885

H. grimaldii Topsent, 1890
off SW Faeroes, off SE & SW Iceland, off S Greenland

Psilocalyx Ijima, 1927

Sclerothamnopsis Wilson, 1904

Sclerothamnus Marshall, 1875

Tretocalyx F.E. von Schulze, 1900

Tretodictyum F.E. von Schulze, 1886

Tretorete Ijima, 1927

Aulocalycidae Ijima, 1927

Aulocalyx F.E. von Schulze, 1886

Euryplegma F.E. von Schulze, 1886

Fieldingia Saville Kent, 1870

Rhabdodictyum O. Schmidt, 1880

Tretopleura Ijima, 1927

LYCHNISCOSIDA

Aulocystidae F.E. von Schulze, 1886
= Dipleuridae Ijima

Neoaulocystis Rezvoy, Zhuravleva & Koltun, 1962
= *Aulocystis* F.E. von Schulze, 1886

Diapleura Ijima, 1927

Dactylocalycidae J.E. Gray, 1867

Dactylocalyx Stutchbury, 1841

AMPHIDISCOPHORA F.E. von Schulze

AMPHIDISCOSIDA Hartman, 19??

Hyalonematidae Gray, 1857

Hyalonema Gray, 1832 (TM *H. sieboldi* Gray, 1835)
= *Coscinonema* Ijima, 1927

= *Cyliconema* Ijima, 1927
= *Euthyalonema* Ijima, 1927
= *Leptonema* von Lendenfeld, 1915
= *Pteronema* Ijima, 1927
= *Paradisconema* Ijima, 1927
= *Thamnonema* Ijima, 1927
= *Phialonema* von Lendenfeld, 1915;
= *Prionema* von Lendenfeld, 1915
= *Corynonema* Ijima, 1927
= *Onconema* Ijima, 1927
= *Oonema* von Lendenfeld, 1915

H. kentii (O. Schmidt, 1880)
off SW Iceland

Chalaronema Ijima, 1927

Compsocalyx F.E. von Schulze, 1904

Lophophysema F.E. von Schulze, 1904

Pheronematidae Gray, 1870
= Semperellidae F.E. von Schulze

Pheronema Leidy, 1868
= *Holtenia* Wyville Thomsom, 1869

P. carpenteri (Thomson, 1869)
= *Holtenia carpenteri* Thomson, 1869
= *P. grayi* (Saville Kent, 1870)
off S & SW Faeroes, off SW Iceland, Porcupine Seabight, Portugal

Platylistrum F.E. von Schulze, 1904

Poliopogon Thomson, 1873

Schulzeviella Tabachnick, 1990

Semperella Gray, 1868

Sericolophus Ijima, 1898

Monorhaphididae Ijima, 1927

Monoraphis F.E. von Schulze, 1904

CELLULARIA Reiswig & Mackie, 1983

CALCAREA Bowerbank, 1864

(In this group most old species have been lumped into a few "superspecies" by Burton, 1963 in a work, which is most valuable as a compilation of what was known regarding the group up to date of publishing, but his lumping is, as a rule, not followed by succeeding colleagues dealing with this taxon)

CALCINEA Bidder

CLATHRINIDA Hartman

Clathrinidae Minchin, 1900

Clathrina J.E. Gray, 1867
= *Ascetta* Haeckel, 1872
= *Ascaltis* Haeckel, 1872
= *Leucopsis* von Lendenfeld, 1885
* Rapp will describe 2 new species from the Trondheimsfjord during 1999-2000.

C. coriacea (Montagu, 1818)
= *Spongia coriacea* Montagu, 1814
Gullmarfjord, Koster Channel, Singlefjord, all Norway, Spitsbergen, Netherlands, Ireland, Shetlands, Faeroes, Iceland, Jan Mayen, E & NE Greenland, Azores

C. clathrus (O. Schmidt, 1864)
= *Grantia clathrus* O. Schmidt, 1864 (TM)
* Named form of *Clathrina coriacea* sensu Burton, 1963
British Isles

C. contorta Bowerbank, 1866
* Named form of *Clathrina coriacea* sensu Burton, 1963
British Isles, Ireland, Atlantic coasts of Europe, off W Bretagne (rather deep water)

C. ascandroides Borojevic, 1971
off W Bretagne (rather deep water)

C. biscayae Borojevic & Boury-Esnault, 1987
off W Bretagne (rather deep water)

C. olynthus Borojevic & Boury-Esnault, 1987
off W Bretagne (rather deep water)

C. primordialis (Haeckel, 1870)
= *Ascetta primordialis* Haeckel, 1870
* Named form of *Clathrina coriacea* sensu Burton, 1963
Norway, Spitsbergen, White Sea, British Isles, Faeroes, Atlantic coasts of Europe

C. reticulum (O. Schmidt, 1862)
Arctic, off W Bretagne (rather deep water), Mediterranean

Guancha de Miklukho-Maklay, 1868

G. blanca de Miklukho-Maklay, 1868 (TM)
= *Ascetta blanca* : Auctt.
= *Ascetta macleani* von Lendenfeld, 1885
* Named form of *Clathrina coriacea* sensu Burton, 1963
Singlef., Säcken, Kattegatt, off W Bretagne (rather deep water), abyssal Arctic basin

G. lacunosa (Bean, in Johnston, 1842)
= *Ascandra angulata* von Lendenfeld, 1892
* Named form of *Clathrina coriacea* sensu Burton, 1963
Egersund - Bergen area, British Isles, Ireland, Atlantic coasts of Europe, Arctic, off W Bretagne (rather deep water), Adriatic

Leucettidae De Laubenfels, 1936

Leucetta Haeckel, 1872 (TM *Leucetta primigenia* Haeckel, 1872)
= *Sycothamnus* Haeckel, 1872
= *Teichonella* Carter, 1878
* Not in the area

Pericharax Poléjaeff, 1884 (TM *Pericharax heteroraphis* Poléjaeff, 1884)

P. polejaevi Breitfuss, 1896

Murmansk area, Spitsbergen, Franz Josef Land

Leucaltidae Dendy & Row, 1913

Leucaltis Haeckel, 1872 (TM *Leucaltis clathria* Haeckel, 1872)
= *Leucaltusa* Haeckel, 1872
= *Artynaltis* Haeckel, 1872
= *Heteropegma* Poléjaeff, 1884

L. impressa Hanitsch, 1890
= *Leucandra cliarensis* Stephens, 1912
* Named form of *Ute ensata* sensu Burton, 1963
NW England, Ireland

Leuclathrina Borojevic & Bory-Esnault, 1987

L. asconoides Borojevic & Bory-Esnault, 1987 (TM)
off W Bretagne (rather deep water)

Leucettusa Haeckel, 1872 (TM *Leucetta corticata* Haeckel, 1872)

Ascandra Haeckel, 1872 (TM *Ascandra falcata* Haeckel, 1872)

Leucascidae Dendy, 1893

Aulorrhiza Haeckel, 1869
= *Ascaltis* Haeckel, 1872 (p.p.)
= *Ascoleucetta* Dendy & Frederick, 1924

A. lamarcki (Haeckel, 1869)
= *Leucosolenia lamarckii* Haeckel, 1869
= *Aulorrhiza intestinalis* Haeckel, 1869 (TM)
Vardo, off W Bretagne (rather deep water)

Leucascus Dendy, 1893 (TM *Leucascus simplex* Dendy, 1892)

Levinellidae Borojevic & Bory-Esnault, 1986

Levinella Borojevic & Bory-Esnault, 1986

L. thalassae Borojevic & Bory-Esnault, 1986 (TM)
off W Bretagne (rather deep water)

Burtonulla Borojevic & Bory-Esnault, 1986 (TM *Burtonulla sibogae* Borojevic & Bory-Esnault, 1986)

Soleniscidae Borojevic, Bory-Esnault & Vacelet, 1990

Soleniscus Haeckel, 1870 (TM *Leucosolenia stolonifer* Dendy, 1891)

Dendya Bidder, 1898 (TM *Clathrina tripodifera* Carter, 1886)

MURRAYONIDA

Murrayonidae Kirkpatrick, 1910

Murrayona Kirkpatrick, 1910 (TM *Murrayona phanolepis* Kirkpatrick, 1910)

Paramurrayonidae Vacelet, 1967

Paramurrayona Vacelet, 1967 (TM *Paramurrayona corticata* Vacelet, 1967)

Lelapiellidae Borojevic, Bory-Esnault & Vacelet, 1990

Lelapiella Vacelet, 1977 (TM *Lelapiella incrustans* Vacelet, 1977)

CALCARONEA Bidder

LEUCOSOLENIIDA Hartman

Leucosoleniidae Minchin, 1898

Leucosolenia Bowerbank, 1861
= *Nardosa* Wright, 1868
= *Olynthium* Haeckel, 1870
= *Olynthus* Haeckel, 1870
= *Proscyrium* Haeckel, 1870
= *Leucaria* Haeckel, 1870
= *Leucelia* Haeckel, 1870
= *Leuceria* Haeckel, 1870
= *Leucilia* Haeckel, 1870
= *Leuciria* Haeckel, 1870
= *Leucoria* Haeckel, 1870
= *Tarroma* Haeckel, 1870
= *Tarrus* Haeckel, 1870
= *Nardopsis* Haeckel, 1870
= *Cystolythus* Haeckel, 1870
= *Sycorrhiza* Haeckel, 1870
= *Auloplegma* Haeckel, 1870
= *Thecometra* Haeckel, 1870
= *Ascettaga* Haeckel, 1872
= *Ascettopa* Haeckel, 1872
= *Ascettusa* Haeckel, 1872
= *Ascometra* Haeckel, 1872
= *Nardorus* Haeckel, 1872
= *Solenula* Haeckel, 1872
= *Tarropsis* Haeckel, 1872
= *Ascilla* Haeckel, 1872
= *Ascillaga* Haeckel, 1872
= *Ascillopa* Haeckel, 1872
= *Ascallaga* Haeckel, 1872
= *Ascalltopa* Haeckel, 1872
= *Ascuris* Haeckel, 1872
= *Ascortaga* Haeckel, 1872
= *Ascortopa* Haeckel, 1872
= *Ascortusa* Haeckel, 1872
= *Asculmis* Haeckel, 1872
= *Ascandra* Haeckel, 1872
= *Ascandropa* Haeckel, 1872
= *Olynthella* Haeckel, 1872
= *Nardoma* Haeckel, 1872
= *Solenidium* Haeckel, 1872
= *Olynthaltus* Haeckel, 1872
= *Olynthandrus* Haeckel, 1872
= *Olynthettus* Haeckel, 1872
= *Olynthortus* Haeckel, 1872
= *Olynthillus* Haeckel, 1872
= *Olynthulmus* Haeckel, 1872
= *Olynthandrium* Haeckel, 1872
= *Olynthandra* Haeckel, 1872
= *Olynthelleta* Haeckel, 1872
= *Clistolythus* Haeckel, 1872

= *Clistolythaltis* Haeckel, 1872
= *Clistolythandra* Haeckel, 1872
= *Clistolythetta* Haeckel, 1872
= *Clistolythilla* Haeckel, 1872
= *Soleniscetta* Haeckel, 1872
= *Soleniscilla* Haeckel, 1872
= *Soleniscysa* Haeckel, 1872
= *Solenicaltis* Haeckel, 1872
= *Solenicortis* Haeckel, 1872
= *Soleniculmis* Haeckel, 1872
= *Soleniscandra* Haeckel, 1872
= *Solenidandra* Haeckel, 1872
= *Solenulandra* Haeckel, 1872
= *Solenuleta* Haeckel, 1872
= *Nardoraltis* Haeckel, 1872
= *Nardorandra* Haeckel, 1872
= *Nardoretta* Haeckel, 1872
= *Nardorilla* Haeckel, 1872
= *Nardorortis* Haeckel, 1872
= *Nardomandrum* Haeckel, 1872
= *Nardopsandra* Haeckel, 1872
= *Nardopsetta* Haeckel, 1872
= *Nardopsortis* Haeckel, 1872
= *Tarraltis* Haeckel, 1872
= *Tarrandra* Haeckel, 1872
= *Tarretta* Haeckel, 1872
= *Tarrilla* Haeckel, 1872
= *Tarromandra* Haeckel, 1872
= *Tarropsandra* Haeckel, 1872
= *Tarropssetta* Haeckel, 1872
= *Auloplegmaltis* Haeckel, 1872
= *Auloplegmetta* Haeckel, 1872
= *Auloplegmilla* Haeckel, 1872
= *Auloplegmandra* Haeckel, 1872
= *Auloplegmortis* Haeckel, 1872
= *Ascaltometra* Haeckel, 1872
= *Ascandrometra* Haeckel, 1872
= *Ascettometra* Haeckel, 1872
= *Homandra* von Lendenfeld, 1891
= *Nardoris* Delage, 1899
= *Aulorrhiza* Dendy & Row, 1913

L. botryoides (Ellis & Solander, 1786)
= *Spongia botryoides* Ellis & Solander, 1786 (TM)
Baltic, Isefjord, Gullmarfjord, Väderö-Koster Channel system (e.g. Klinken), all Norway, Netherlands, British Isles, Faeroes, Ireland

L. canariensis (Miklukho-Maklaj, 1868)
= *Nardoa canariensis* Miklukho-Maklaj, 1868
= *Leucosolenia nansenii* Breitfuss, 1898
Spitsbergen

L. complicata (Montagu, 1818)
= *Spongia complicata* Montagu, 1818
= *Leucosolenia fabricii* O. Schmidt, 1869
= *Asculmis armata* Haeckel, 1872
= *Ascandra pinus* Haeckel, 1872
* Named form of *Leucosolenia botryoides* sensu Burton, 1963
Baltic-Oresund-Isefjord-Kattegat-Bohuslän (e.g. Klinken), all Norway, Spitsbergen, British Isles, Ireland, Iceland

L. complicata var. **norvegica** (Haeckel, 1872)
* Named form of *Leucosolenia botryoides* sensu Burton, 1963
Norway

L. sagittaria (Haeckel, 1872)
* Named form of *Clathrina coriacea* sensu Burton, 1963
Oresund-Baltic, North Sea

L. thamnoides Haeckel, 1870
= *Ascortis fragilis* Haeckel, 1872
* Named form of *Leucosolenia botryoides* sensu Burton, 1963
Bergen, Helgoland

L. variabilis Haeckel, 1870
= *Leucosolenia (Leuciria) variabilis* Haeckel, 1870
= *Sycorrhiza corallorhiza* Haeckel, 1870
* Named form of *Leucosolenia botryoides* sensu Burton, 1963
Bergen, Giso, British Isles, Ireland, Netherlands, Atlantic coasts of Europe, Spitsbergen, Jan Mayen, Arctic

Ascute Dendy & Row, 1913 (TM *Leucosolenia uteoides* Dendy, 1893)

Ascysa Haeckel, 1872 (TM *Ascysa aciferus* Haeckel, 1872)

SYCETTIDA Bidder

Sycettidae Dendy, 1892

Sycpha Gray, 1821
= *Sycon* Risso, 1826
= *Calcispongia* de Blainville, 1830
= *Calcespongia* de Lamarck, 1836
= *Dunstervilla* Bowerbank, 1845
= *Coniasterium* Ehrenberg, 1861
= *Artynes* J.E. Gray, 1867
= *Syconella* O. Schmidt, 1868
= *Sycon* Haeckel, 1870
= *Artynella* Haeckel, 1870
= *Sycarium* Haeckel, 1870
= *Artynas* Haeckel, 1870
= *Sycodendrum* Haeckel, 1870
= *Sycidium* Haeckel, 1870
= *Artynum* Haeckel, 1870
= *Sycocystis* Haeckel, 1870
= *Artyrophyllum* Haeckel, 1870
= *Sycophyllum* Haeckel, 1870
= *Sycometra* Haeckel, 1870
= *Sycettopa* Haeckel, 1870
= *Sycettaga* Haeckel, 1870
= *Sycurus* Haeckel, 1870
= *Sycaltaga* Haeckel, 1870
= *Sycuraltis* Haeckel, 1870
= *Sycocarpus* Haeckel, 1870
= *Sycocerus* Haeckel, 1870
= *Sycocubus* Haeckel, 1870
= *Sycostrobis* Haeckel, 1870
= *Sycodorilla* Haeckel, 1870
= *Sycodoranna* Haeckel, 1870
= *Leukartea* Miklukho-Maklaj in Haeckel, 1872
= *Leucandropa* Haeckel, 1872
= *Sycureta* Haeckel, 1872

= *Sycuranda* Haeckel,1872
 = *Sycurortis* Haeckel,1872
 = *Syconellortis* Haeckel,1872
 = *Sycortarium* Haeckel,1872
 = *Sycandarium* Haeckel,1872
 = *Syconellandra* Haeckel,1872
 = *Syconcystandra* Haeckel,1872
 = *Sycoycystortis* Haeckel,1872
 = *Sycothamandra* Haeckel,1872
 = *Sycondenandrum* Haeckel,1872
 = *Sycinulandra* Haeckel,1872
 = *Sycandrophyllum* Haeckel,1872
 = *Leucandrometra* Haeckel,1872
 = *Sycandrometra* Haeckel,1872
 = *Sphenophorus* Breiffuss,1898
 = *Sphenophorina* Breiffuss,1898
 = *Hozawaia* de Laubenfels,1936
 = *Homoderma* von Lendenfeld,1885
 = *Sycantha* von Lendenfeld,1891
 = *Hypodictyon* Jenkin,1908
 = *Streptoconus* Jenkin,1908
 = *Tenthrenodes* Jenkin,1908

S. ciliata (O. Fabricius,1780)

* The only recognized European sp. by Burton,1963
 = *Spongia ciliata* O. Fabricius,1780
 = *Spongia coronata* Ellis & Solander,1786
 = *Scypha* (*Sycon*) *ciliata* var. *spiniispiculum* (Carter,1876)
 Kattegatt, Gullmarford, Väderö-Koster Channel system in 8-100m, all Norway, Spitsbergen, White Sea, Greenland, Faeroes, Shetlands, Ireland, British Isles, Faeroes, Netherlands, Iceland, W Africa

S. raphanus (O. Schmidt,1862)

= *Sycon raphanus* O. Schmidt,1862
 = *Sycandra tergestina* Haeckel,1872
 * Named form of *Scypha ciliata* sensu Burton,1963
 Kattegatt, Väderö-Koster Channel system in 40-70m, Tromsø, Faeroes, E Greenland, Spitsbergen, Greenland, Ireland, Mediterranean, W Africa, intertidal - 277 m.

S. villosa (Haeckel,1872)

= *Sycarium villosum* Haeckel,1872
 * Named form of *Scypha ciliata* sensu Burton,1963
 Arendal, Kristiansand, Bergen, British Isles, N France, Iceland

S. quadrangulata (O. Schmidt,1868)

* Named form of *Scypha ciliata* sensu Burton,1963
 Atlantic coasts of Europe, Faeroes, White Sea, Baltic?

S. boreale (Schuffner,1877)

* Named form of *Scypha ciliata* sensu Burton,1963
 Norway

S. setosa (O. Schmidt,1862)

* Named form of *Scypha ciliata* sensu Burton,1963; a variety of *S. raphanus* sensu Dendy,1893
 British Isles (littoral), Ireland

S. elegans (Bowerbank,1845)

* Named form of *Scypha ciliata* sensu Burton,1963
 France, Channel Islands

S. quadrata Schuffner,1877

= *Scypha* (*Sycon*) *schuffneri* (Dendy & Row,1913)
 * Named form of *Scypha ciliata* sensu Burton,1963
 Norway

S. polejaevi (Breiffuss,1896)

= *Pericharax polejaevi* Breiffuss,1898
 * Named form of *Leuconia ananas* sensu Burton,1963
 Spitsbergen, E Greenland

S. lingua (Haeckel,1872)

* Named form of *Scypha ciliata* sensu Burton,1963
 Faeroes, Murmansk, E Canada

S. ampulla (Haeckel,1870)

* Named form of *Scypha ciliata* sensu Burton,1963
 Ireland, Azores, E Africa, W South America

S. abyssale (Borojevic & Graat-Kleeton,1965)

= *Sycon abyssale* Borojevic & Graat-Kleeton,1965
 Abyssal Arctic Basin

Sycandra Haeckel,1870 (™ *Sycandra utriculus* Haeckel,1872)

Sycetta Haeckel,1872 (™ *Sycetta primitiva* Haeckel,1872)

= *Sycassarium* Haeckel,1872
 = *Sycissa* von Lendenfeld,1886

Sycodorus Haeckel,1872 (™ *Sycandra* (*Sycodorus*) *hystrix* Haeckel,1872)

= *Sycodorusa* Haeckel,1892
 = *Urella* Dendy,1892

Leucopsila Dendy & Row,1913

* Correct family?

L. stilifera (O. Schmidt,1870)

* Named form of *Leuconia ananas* (Montagu) sensu Burton,1963
 Greenland, Iceland

Heteropiidae Dendy,1893

Heteropia Carter,1886

H. ramosa (Carter, in Higgin,1886)

= *Aphroceras ramosa* Carter, in Higgin,1886 (™)
 * Named form of *Ute ensata* sensu Burton,1963
 Wales

Sycettusa Haeckel,1872 (™ *Leucaltis bathybia* Haeckel,1872)

= *Djeddea* Miklukho-Maklaj, in Haeckel,1872
 = *Sycothametta* Haeckel,1872

S. glacialis (Haeckel,1872)

= *Sycaltis glacialis* Haeckel,1872
 Nordland - Troms, Barents Sea, Murmansk, Spitsbergen, Iceland, NE Greenland

Grantessa von Lendenfeld,1885 (™ *Grantessa sacca* von Lendenfeld,1885)

G. kuekenthali (Breiffuss,1896)

= *Grantia kuekenthali* (Breiffuss,1896)
 * Named form of *Sycettusa glacialis* sensu Burton,1963

Singlefjord in 75m

G. nitida (Arnesen,1901)

= *Ebmerella nitida* Arnesen,1901
 * Named form of *Sycettusa glacialis* sensu Burton,1963
 Tromsø, Barents Sea

G. murmanensis (Breiffuss,1898)

= *Amphoriciscus murmanensis* Breiffuss,1898
 * Named form of *Sycettusa glacialis* sensu Burton,1963
 Murmansk

G. lanceolata (Breiffuss,1898)

= *Ebmerella lanceolata* (Breiffuss,1898)
 * Named form of *Sycettusa glacialis* sensu Burton,1963
 Murmansk, White Sea

Grantilla Dendy & Row,1913 (™ *Grantilla quadriradiata* Row,1909)

Paraheteropia Borojevic,1966 (™ *Paraheteropia ijimai* (Hozawa,1916) - Japan)

Vosmaeropsis Dendy,1893 (™ *Heteropia macera* Carter,1886)

Grantiidae Dendy,1892

Grantia Fleming,1828

= *Sycortis* Haeckel,1872
 = *Sycortusa* Haeckel,1872
 = *Vosmaeria* von Lendenfeld,1885, non Fristedt,1885
 = *Dermatretion* Jenkin,1908
 = *Teichonopsis* Dendy & Row,1913
 = *Paragrantia* Hozawa,1940

G. arctica (Haeckel,1872)

= *Sycandra arctica* Haeckel,1872
 all Norway, Spitsbergen, Iceland, NE Greenland, Faeroes, W Africa, Pacific

G. asconoides (Breiffuss,1896)

NE Greenland, N Norway, Spitsbergen,

G. compressa (O. Fabricius,1780)

= *Spongia compressa* O. Fabricius,1780 (™)
 = *Scypha* (*Grantia*) *compressa* var. *pennigera* (Haeckel,1872)
 = *Scypha* (*Grantia*) *compressa* var. *rhopalodes* (Haeckel,1872)
 Singlefjord in 65-80m, Iceland, Bergen, Varanger, White Sea, Spitsbergen, Greenland, Shetlands, British Isles, Ireland, Faeroes, Belgium, France

G. capillosa (O. Schmidt,1862)

= *Ute capillosa* O. Schmidt,1862
 Koster area and Väderöfjord in 20-90m, Ireland, Spitsbergen, Adriatic

G. intermedia Thacker,1908

off W Shetlands, Cape Verde

G. singularis (Breiffuss,1898)

= *Sphenophorina singularis* Breiffuss,1898
 Vadsø, Barents sea

Leuconia Grant,1832

= *Medon* Duchassaing de Fombressin & Michelotti,1864
 = *Sycinula* O. Schmidt,1868
 = *Dyssiconella* Haeckel,1870
 = *Dyssycium* Haeckel,1870
 = *Coenostomella* Haeckel,1870
 = *Dyssiconella* Wright,1870
 = *Leucortis* Haeckel,1872
 = *Leucaltaga* Haeckel,1872
 = *Mlea* Haeckel,1872
 = *Leucandraga* Haeckel,1872
 = *Leucandrusa* Haeckel,1872
 = *Dyssycarium* Haeckel,1872
 = *Coenostomium* Haeckel,1872
 = *Dyssycortus* Haeckel,1872
 = *Dyssycandrus* Haeckel,1872
 = *Dysscaltella* Haeckel,1872
 = *Dyssycandrella* Haeckel,1872
 = *Dyssycandrium* Haeckel,1872
 = *Lipostomaltis* Haeckel,1872
 = *Lipostomandra* Haeckel,1872
 = *Lipostomortis* Haeckel,1872
 = *Amphoricandra* Haeckel,1872
 = *Amphoricortis* Haeckel,1872
 = *Amphoriulandra* Haeckel,1872
 = *Amphoriidandra* Haeckel,1872
 = *Coenostomandra* Haeckel,1872
 = *Coenostomandium* Haeckel,1872
 = *Coenostomellium* Haeckel,1872
 = *Coenostomortis* Haeckel,1872
 = *Artyndrium* Haeckel,1872
 = *Artyndlandra* Haeckel,1872
 = *Artyndortus* Haeckel,1872
 = *Aphrocerandra* Haeckel,1872
 = *Aphrocerortis* Haeckel,1872
 = *Leucortmetra* Haeckel,1872
 = *Leucania* von Lendenfeld,1885
 = *Dyssycarium* Delage,1899

L. aspera (O. Schmidt,1862)

= *Sycon asperum* O. Schmidt,1862
 * Named form of *Ute ensata* sensu Burton,1963
 Atlantic coasts of Europe, e.g. Bergen, Mediterranean

L. ananas var. (Montagu,1818)

= *Spongia ananas* Montagu,1818
 * Named form of *Scypha ciliata* sensu Burton,1963
 Bergen, British Isles, Shetlands, Faeroes, Normandie, NE Norway, White Sea, Spitsbergen, E & NE Greenland

L. bulbosa Hanitsch,1895

Portugal

L. cylindrica (Fristedt,1887)

= *Leucandra cylindrica* Fristedt,1887
 N Norway

L. elongata Schuffner,1877

W Norway

L. fistulosa (Johnston,1842)

= *Grantia fistulosa* Johnston,1842
 * Named form of *Scypha ciliata* sensu Burton,1963
 Norway (Hvidingsø), British Isles, Ireland, France, Iceland, Portugal

- L. gossei* (Bowerbank, 1862)
* Named form of *Ute ensata* sensu Burton, 1963
British Isles, Ireland, Iceland, Atlantic coasts of France & Portugal
- L. johnstoni* Carter, 1871
* Named form of *Leuconia barbata* sensu Burton, 1963
Engl. Channel, Ireland, Roscoff
- L. nivea* (Grant, 1826)
= *Spongia nivea* Grant, 1826 (TM)
* Named form of *Leuconia barbata* sensu Burton, 1963
Helgoland, Stavanger - Bergen, Spitsbergen, British Isles, Ireland, France
- L. pumila* Bowerbank, 1866
* Named form of *Leuconia barbata* sensu Burton, 1963
Engl. Channel, France
- Leucandra* Haeckel, 1872 (TM *Leucandra egedii* (O. Schmidt, 1870))
- L. caminus* (Haeckel, 1870)
* Named form of *Leuconia barbata* sensu Burton, 1963
Bergen, Hardangerfjord, Devon
- L. egedii* (O. Schmidt, 1870)
Spitsbergen, Jan Mayen
- Sycandra* Haeckel, 1872
- S. utriculus* (O. Schmidt, 1869)
= *Ute utriculus* O. Schmidt, 1869
* Named form of *Grantia compressa* sensu Burton, 1963
Vardø, Tromsø, Spitsbergen, Shetlands, British Isles, Faeroes, Iceland, E Greenland, Murmansk, Kara Sea
- Ute* O. Schmidt, 1864, ?non O. Schmidt, 1862 (TM *Ute glabra* O. Schmidt, 1864)
- U. gladiata* Borojevic, 1966
SE Norway-Bergen
- Trichogypsia* Carter, 1871
= *Sycolepis* Haeckel, 1870 (nom. nud.)
= *Dyssycyssa* Haeckel, 1872
= *Amphoriscyssa* Haeckel, 1872
= *Aphroceryssa* Haeckel, 1872
= *Sycolepis* von Lendenfeld, 1885
- T. villosa* Carter, 1871 (TM)
= *Sycolepis incrustans* Haeckel, 1870 (nom. nud.)
= *Leucyssa incrustans* var. *lichenoides* Haeckel, 1872
= *Leucyssa incrustans* : Arnesen, 1901
Bergen, British Isles
- Achramorpha* Jenkin, 1908
NE Greenland, Spitsbergen, Barents Sea
- A. schulzei* (Breitfuss, 1896)
E Greenland
- Amphiute* Hanitsch, 1894 (TM *Amphiute paulini* Hanitsch, 1894)
- Anamixilla* Poléjaeff, 1884 (TM *Anamixilla torresi* Poléjaeff, 1884)
- Aphrocera* Gray, 1858 (TM *Grantia ensata* Bowerbank, 1858)
= *Leucogypsia* Bowerbank, 1864
= *Cyathiscus* Haeckel, 1870
= *Leucandrena* Haeckel, 1872
= *Artyandrus* Haeckel, 1872
- A. ensata* (Bowerbank, 1858)
= *Grantia ensata* Bowerbank, 1858
= *Ute glabra* : Auct., non O. Schmidt, 1864
Koster Channel, Gullmarfjord, Bergen - Ålesund - Lofoten, Iceland, Greenland, Belgium, British Isles, Ireland, Atlantic coast of Europe, Mediterranean, Azores
- Ebnerella* von Lendenfeld, 1891 (TM *Ebnerella schulzei* Breitfuss, 1898)
- Eilhardia* Poléjaeff, 1884 (TM *Eilhardia schulzei* Poléjaeff, 1884)
- Hypograntia* Carter, 1886 (TM *Hypograntia infrequens* Carter, 1886)
- Jenkina* Brøndsted, 1931 (TM *Leucandra cirrata* Jenkin, 1908)
- Lamontia* Kirk, 1894 (TM *Lamontia zona* Kirk, 1894)
- Leucopsila* Dendy & Row, 1913 (TM *Leuconia stilifera* O. Schmidt, 1870)
- Leucyssa* Haeckel, 1872 (TM *Leucyssa spongilla* Haeckel, 1872)
- Paraleucilla* Dendy, 1892 (TM *Leucandra cucumis* Haeckel, 1872)
- Sycophractus* Haeckel, 1872 (TM? *Ute spenceri* Dendy, 1892)
= *Sycurandra* Haeckel, 1872
- Sycute* Dendy & Row, 1913 (TM *Sycon dendyi* Kirk, 1895)
- Sycussa* Haeckel, 1872 (TM *Sycussa huxleyi* Haeckel, 1872)
- Synute* Dendy, 1892 (TM *Synute pulchella* Dendy, 1892)
- Teichenopsis* Dendy & Row, 1913 (TM *Teichonella labyrinthica* Carter, 1878)
- Uteopsis* Dendy & Row, 1913 (TM *Ute argentea* Poléjaeff, 1883)
- Amphoriscidae Dendy, 1892
- Amphoriscus* Haeckel, 1870
= *Sycilla* Haeckel, 1872
= *Leuculmis* Haeckel, 1872
= *Dyssycillus* Haeckel, 1872
= *Sycurilla* Haeckel, 1872
= *Dyssyculmus* Haeckel, 1872
= *Sycularium* Haeckel, 1872
= *Lipostomella* Haeckel, 1872
= *Leoculmis* Ganin, 1879
= *Rhabdodermella* Urban, 1902
= *Leuculmis* Allemand, 1907
- A. chrysalis* (O. Schmidt, 1864)
= *Ute chrysalis* O. Schmidt, 1864 (TM)
British Isles, Roscoff
- A. echinus* (Haeckel, 1872)
= *Leuculmis echinus* Haeckel, 1872
= *Leucilla echinus* : Dendy & Row, 1913
Bergen in 92 m.
- A. glacialis* (Haeckel, 18??)
Spitsbergen
- Baeria* Miklukho-Maklaj, 1870 (TM *Baeria ochotensis* Miklukho-Maklaj, 1870)
- Kuarrhaphis* Dendy & Row, 1913 (TM *Leucyssa cretacea* Haeckel, 1872)
- Leucettaga* Haeckel, 1872 (TM *Leucetta pandora* var. *loculifera*)
- Leucilla* Haeckel, 1872 (TM *Leucilla amphora* Haeckel, 1872)
= *Polejna* von Lendenfeld, 1885
- Syculmis* Haeckel, 1872 (TM *Syculmis synapta* Haeckel, 1872)
- Lepidoleuconidae Vacelet, 1967
- Lepidoleucon* Vacelet, 1967 (TM *Lepidoleucon inflatum* Vacelet, 1967)
- Staurorrhaphidae Jenkin, 1908
- Acromorpha* Jenkin, 1908 (TM *Acromorpha truncata* Topsent, 1907)
- Megapodon* Jenkin, 1908 (TM *Leuconia crucifera* Poléjaeff, 1883)
- LITHONINIDA
= INOZOIDA
* Earlier classified in its own subclass Pharetronidia.
- Minchinellidae Dendy & Row, 1913
- Plectronia* Hinde, 1900 (TM *P. halli* Hinde, 1900 - fossil)
- P. norvegica* Könnecker, 1989
shelf off Tromsø
- Petrostoma* Döderlein, 1892 (TM *Petrostoma schulzei* Döderlein, 1892)
- Minchinella* Kirkpatrick, 1908 (TM *Minchinella lamellosa* Kirkpatrick, 1908)
- Monoplectronia* Pouliquen & Vacelet, 1970 (TM *Monoplectronia hispida* Pouliquen & Vacelet, 1970)
- Tulearinia* Vacelet, 1977 (TM *Tulearinia stylifera* Vacelet, 1977)
- Petrobionidae Vacelet, 1967
- Petrobiona* Vacelet & Lévi, 1958 (TM *Petrobiona massiliana* Vacelet & Lévi, 1958 - Mediterranean)
- Lelapiidae Dendy & Row, 1913
- Lelapia* J.E. Gray, 1867 (TM *Lelapia australis* J.E. Gray, 1867)
= *Paralelapia* Hozowa, 1923
- Kebira* Row, 1909 (TM *Kebira uteoides* Row, 1909)
- DEMOSPONGIAE Sollas, 1885
= TETRAXONIDA
- HOMOSCLEROMORPHA Lévi
- HOMOSCLEROPHORIDA Dendy
- Oscarellidae von Lendenfeld
- Oscarella* Vosmaer, 1887
- O. lobularis* (O. Schmidt, 1862)
= *Halisarca lobularis* O. Schmidt, 1862 (TM)
?= *O. rubra* (Hanitsch, 1890)
* The name of the species in the NE Atlantic is a bit unclear, because *O. lobularis* s.str. may be confined to the Mediterranean area. Hanitsch's species may be another, or perhaps the real *O. lobularis* from the Meditter.
Säcken coral reef, Bergen, NE Norway, Helgoland, British Isles, Ireland, Iceland, Greenland, France, Mediterranean, intertidal - 459 m.
- Plakinidae F.E. von Schulze, 1880
= Corticidae Vosmaer
- Plakina* F.E. von Schulze, 1880
= *Plakoosa* de Laubenfels, 1936
- P. monolopha* F.E. von Schulze, 1880 (TM)
Roscoff
- Plakortis* F.E. von Schulze, 1880
= *Roosa* de Laubenfels, 1934
- P. simplex* F.E. von Schulze, 1880
Trondheimsfjorden, Roscoff
- TETRACTINOMORPHA Lévi
- SPIROPHORIDA Lévi, 1973
- Tetillidae Sollas, 1886
= Samidae Sollas
- Tetilla* O. Schmidt, 1868 (TM *T. euplocamos* O. Schmidt, 1868)
- T. cranium* (O.F. Müller, 1776)
= *Tethea ynca* Bowerbank, 1872
= *Craniella cranium* : Sollas, 1888
* Generic placement correct? or in *Craniella* O. Schmidt, 1870 ?
Koster Channel, Singlefjord, all Norway, Iceland, Shetlands, British Isles, Roscoff, E Greenland, Spitsbergen, Barents Sea, Faeroes, Bay of Biscay, Azores, in 19-1300 m.
- T. infrequens* (Carter, 1876)
Lofoten, Norwegian Sea, Spitsbergen, Barents Sea, Greenland Sea, Kara Sea, in 80-1156 m.
- T. polyura* (O. Schmidt, 1870)
= *Tetilla geniculata* Marenzeller, 1886
= *Tetilla sandalina* Sollas, 1888
= *Tetilla longipilis* Topsent, 1904
Troms, Iceland, Greenland, Jan Mayen, Spitsbergen, Barents Sea, Kara Sea, Azores, in 25-1846 m.

T. sibirica (Fristedt,1887)
= *Tethya sibirica* Fristedt,1887
Spitsbergen, Barents Sea, Kara Sea, Laptev Sea, in 7-414 m.

T. truncata Topsent,1890
Engl. Channel

T. zetlandica (Carter,1872)
= *Tethya zetlandica* Carter,1872
= *Tethyopsilla zetlandica* (Carter,1872)
Shetlands, Spitsbergen

Sceleritodermidae Sollas,1888
* Not recognized longer?

ASTROPHORIDA Lévi,1973
= CHORISTIDA

Pachastrellidae Carter,1875
= Halimidae de Laubenfels (nom. van.)
= Astrostrepsidae Topsent

Pachastrella O. Schmidt,1868
= *Nethea* Sollas,1888

P. monilifera O. Schmidt,1868 (TM)
Bergen, Norwegian Sea, Mediterranean, Antarctic, in 30-1557 m.

Pocellastra Sollas,1888 (TM *Normania crassa* Bowerbank,1869)
= *Normania* Bowerbank, in Norman,1869, non Brady,1866 (Ostracoda)

P. amygdaloides (Carter,1876)
NE Atlantic

P. compressa compressa (Bowerbank,1866)
= *Ecionemia compressa* Bowerbank,1866
Stavanger-Lofoten area, Shetlands, Hebrides, Ireland, Iceland, Roscoff, Mediterranean, Azores

Dercitus J.E. Gray,1867
= *Calcabrina* Sollas,1888

D. bucklandi (Bowerbank,1866)
= *Hymeniacion bucklandi* Bowerbank,1866 (TM)
British Isles, Ireland, Roscoff

Characella Sollas,1886

C. pachastrelloides (Carter,1876)
NE Atlantic

Sphinctrella O. Schmidt,1870

S. annulata (O. Schmidt,1880)
= *Pachastrella annulata* (O. Schmidt,1880)
Bergen

S. ornata Sollas,1888
NE Atlantic

Theneidae Sollas,1886

Thenea J.E. Gray,1867

T. muricata (Bowerbank,1864)
= *Tethea muricata* Bowerbank,1864 (TM)
Stavanger - NE Norway, Iceland, off SW & W Iceland, in 8-820 m.

T. valdiviae von Lendenfeld,1906
between Norway & Faeroes, off N Norway, Spitsbergen, off Faeroes, off Iceland, E Greenland

T. levis von Lendenfeld,1906
Trondheimsfjorden, Spitsbergen, off S Faeroes, off SE & W Iceland, off SE Greenland

T. abyssorum Koltun,1964
abyssal Norw. Sea, Greenland Sea & Arctic, in 1073-3622 m.

Ancorinidae O. Schmidt,1870
= Stelletidae Carter,1875

Stelletta O. Schmidt,1862 (TM *S. boglicii* O. Schmidt,1862)
= *Myriastr* Sollas,1886
= *Pilochrota* Sollas,1886
= *Anthastra* Sollas,1886

S. grubii O. Schmidt,1862
= *Tethea collingsii* Bowerbank,1866
= *Tethea schmidtii* Bowerbank,1866
= *Ecionemia coactura* Bowerbank,1874
Bergen, British Isles, Ireland, Roscoff

S. lactea Carter,1871
= *Myriastr lactea* (Carter,1871)
= *Pilochrota lactea* (Carter,1871) : Topsent
British Isles, Ireland, Roscoff, off Azores

S. normani Sollas,1880
= *Dragmastra normani* : Sollas,1888
Koster Channel, Säcken, Skagerrak, Bergen, Trondheimsfjorden, NE Norway

S. raphidiophora Hentschel,1929
Iceland, Spitsbergen

Stryphnus Sollas,1886 (TM *S. niger* Sollas,1886)

S. ponderosus (Bowerbank,1866) var. *rudis* (Sollas,1888)
= *Ecionemia ponderosus* Bowerbank,1866, : 1874
Koster area, Säcken, Stavanger - Troms, British Isles, Ireland, Roscoff, off N Spain, in 73-800 m.

S. fortis (Vosmaer,1885)
= *Stelletta fortis* Vosmaer,1885
= *Stryphnus fortis* : Sollas,1888
* Possibly a synonym of *S. ponderosus* (Bowerbank)
Bergen-Troms, Spitsbergen

Ancorina O. Schmidt,1862 (TM *Ancorina cerebrum* O. Schmidt,1862)
= *Stellettinopsis* Carter,1879
= *Algol* Sollas,1888
= *Thalassomora* von Lendenfeld,1888

= *Sanidastrella* Topsent,1892

A. radix von Marenzeller,1889
Roscoff

Geodiidae J.E. Gray,1867

Pachymatisma Bowerbank, in Johnston,1842

P. johnstonia (Bowerbank, in Johnston,1842)
= *Caminus osculosus* Grube,1873
Skagerrak, Bergen, Stavanger, Trondheimsfjorden, Lofoten, Spitsbergen, British Isles, Ireland, N France

Geodia de Lamarck,1815 (TM *G. gibberosa* de Lamarck,1815)
= *Isops* Sollas,1880

G. atlantica (Stephens,1915)
NE Atlantic

G. barretti Bowerbank,1858
=? *Geodia nodastrella* Carter
Väderö-Koster Channel system, Skagerrak, W & N Norway, Bear Island, Spitsbergen, Iceland, E Greenland, N Spain, in 91-500 m.

G. macandrewii Bowerbank,1858
= *Synops macandrewi* : Sollas,1888
= *Geodia synops* Sollas,1888
= *Sidonops macandrewi* : Sollas,1889
= *Geodia cydonium* : Aucutt, non (Jameson,1811)
Egersund-Trøndelag, Faeroes, Shetlands, Iceland, Denmark Strait, Greenland, Kola Fjord, Barents Sea, in 146-350 m.

G. nodastrella Carter,1876
NE Atlantic

G. orthomesotriaena Lebwahl,1914
* Anne Klitgaard,1992 depicts a large Geodid in her work from the Faeroes, named *Geodia* sp. by her,
which has the typical beaker form of this species.
?Faeroes, NE Pacific

G. phlegraei (Sollas,1880)
= *Isops phlegraei* Sollas,1880 (TM of *Isops* Sollas,1880 - Bergen)
= *Isops sphaeroides* Vosmaer,1882
= *Isops pallida* Vosmaer,1882
= *Synops pyriformis* Vosmaer,1882
= *Geodia parva* Armauer Hansen,1885
Koster area, Säcken, Stavanger - Troms, Barents Sea, Spitsbergen, Kara Sea, Greenland Sea, Denmark Strait, central Arctic, in 171-1450 m.

G. pyriformis (Vosmaer,1882)
NE Atlantic

G. simplex Burton,1931
Trondheimsfjorden

G. sp.
= *G. mesotriaena* Hentschel,1929, non von Lendenfeld,1910
* closely related to *G. barretti* (Bowerbank)
off NE Greenland, off N Spitsbergen, high Arctic

Thrombidae Sollas,1888
= Spirasigmidae Hallman

Thrombus Sollas,1886

T. abyssii (Carter,1873)
off Britain

Coppatiidae Topsent,1898
= Epipolasiidae Sollas (nom. nud.)
= Streptasteridae Topsent (nom. nud.)
= Sollasellidae von Lendenfeld
= Jaspiniidae de Laubenfels

Calthropellidae von Lendenfeld,1906

HADROMERIDA Topsent,1898

Tethyidae J.E. Gray,1867
= Donatiidae J.E. Gray

Tethya de Lamarck,1814 (TM *Tethya lyncurium* (Linnaeus,1767))
= *Donatia* Nardo,1833
= *Tethyum* Lieberkühn,1859
= *Amniscos* J.E. Gray,1867
= *Alemo* Wright,1881
= *Tethycordyla* de Laubenfels,1934
= *Taboga* de Laubenfels,1936
= *Tethytimea* de Laubenfels,1936

T. aurantium (Pallas,1766)
= *Alcyonium aurantium* Pallas,1766
= *Tethya lyncurium* (Linnaeus,1767, sensu Sollas,1888)
= *Donatia lyncurium* : Sollas,1888
* Orange. Stout megasters with Ray/Centre 0.5
Mediterranean, intertidal - 440 m.

T. citrina Sarà & Melone,1965
* Ochreous or yellow. Megasters slender, 40-120 µm i Ø, with regular rays, with Ray/Centre 0.7-1
?Belgium, Engl. Cannel, Ireland, Mediterranean, Canaries, Azores

T. norvegica Bowerbank,1872
* Ochreous or yellow. Megasters slender, 20-60 µm i Ø, with irregular rays (spiny &/or bifurcated), with Ray/Centre 0.7-1
Bohuslän, W-N Norway, Scotland, Faeroes, Iceland, Spitsbergen, Bear Island, White Sea, Novaja Zemlja

Chondrillidae Gray,1872 (O. Schmidt,1862)
= Chondrosiidae F.E. von Schulze,1877

Chondrosia Nardo,1847
= *Gummina* O. Schmidt,1862

C. reniformis Nardo,1847 (TM)
??Kattegatt (Aalbæk Bugt) (probably a misidentification by Levisen)

Thymosia Topsent,1896

T. guernei Topsent, 1896 (TM)
SW British Isles, Roscoff, Portugal

Stylocordylidae Topsent, 1928

Stylocordyla Thomson, 1873
= *Sylorhiza* O. Schmidt, 1879
= *Oxycordyla* Topsent, 1904

S. borealis (Lovén, 1868)
= *Hyalonema boreale* Lovén, 1868 (TM)
= *Hyalonema longissimum* M. Sars, 1872
E Skagerrak in ca 500m - Troms, Norw. Sea, Spitsbergen, Shetlands, Faeroes, Iceland, White Sea, Kara Sea, Bay of Biscay, in 13-2880 m.

Polymastiidae J.E. Gray, 1867

Polymastia Bowerbank, 1863
= *Penicillaris* J.E. Gray, 1867
= *Rinalda* O. Schmidt, 1870
= *Clathroscula* Merezchkovskii, 1879

P. agglutinans Ridley & Dendy, 1886
Shetlands, Roscoff, Azores, in 15-800 m.

P. boletiformis (de Lamarck, 1815)
= *Alcyonium boletiformis* de Lamarck, 1815
= *Euplectella robusta* Bowerbank, 1861
= *Polymastia robusta* (Bowerbank, 1861)
= *Polymastia radiosa* Bowerbank, 1866
= *Polymastia bulbosa* Bowerbank, 1866
= *Polymastia ornata* Bowerbank, 1866
= *Polymastia agglutinans* Topsent, 1913
= *Polymastia euplectella* Rezvoi, 1927
Bohuslän-Kattegatt, all Norway, Spitsbergen, White Sea, Iceland, E Greenland, Helgoland, Belgium, British Isles, Ireland, Roscoff, Spain, Mediterranean, intertidal - 394 m.

P. conigera Bowerbank, 1874
Shetlands, Roscoff in 15-85 m.

P. inflata Cabioch, 1968
= *P. bulbosa* Sarà & Siribelli, 1960, non Bowerbank, 1866
Roscoff, Mediterranean

P. mamillaris (J. Rathke, in O.F. Müller, 1806)
= *Spongia mamillaris* J. Rathke, in O.F. Müller, 1806 (TM)
= *Polymastia mamillaris* : Auct.
= *Suberites crustula* (Bowerbank, 1866 (as *Hymeniacidon*))
= *Rinalda arctica* Merezchkovskii, 1879
= *Polymastia penicillus* Vosmaer, 1882
= *Polymastia hyperborea* Hentschel, 1916
Kattegatt-Bohuslän-Skagerrak (50-400m), all Norway, Iceland, Faeroes, Greenland, Jan Mayen, Spitsbergen, Barents Sea, Belgium, Br. Isles, Ireland, Roscoff, Mediterr., Azores, from littoral - >2500 m.

P. mespilus O. Schmidt, 1873
* Unrecognizable, sensu Boury-Esnault, 1987
Skagerrak (Arendal)

P. spinula Bowerbank, 1866
Shetlands, Bay of Biscay in 63 m.

P. uberrima (O. Schmidt, 1870)
= *Rinalda uberrima* O. Schmidt, 1870
Stavanger - Trondheimsfjorden - Lofoten, Iceland, E Greenland, Spitsbergen, Bay of Biscay, Spain, Jan Mayen, Kola fjord, in 90-645 m

P. thielei Koltun, 1964
= *Rinalda uberrima* : Hansen, 1885 & : Thiele, 1903, non O. Schmidt, 1870
= *Polymastia uberrima* : Lundbeck, 1909 & : Topsent, 1913, non (O. Schmidt, 1870)
Norwegian Sea, Greenland Sea, Barents Sea, Kara Sea, Laptev Sea, in 23- >4000 m.

P. bursa (J. Rathke, in O.F. Müller, 1806)
= *Alcyonidium bursa* J. Rathke, in O.F. Müller, 1806
= *Weberella bursa* : Vosmaer, 1885
Trondheimsfjorden - NE Norway, Norwegian Sea, Greenland Sea, Barents Sea

Radiella O. Schmidt, 1870
= *Trichostemma* M. Sars, in G.O. Sars, 1872

R. sol sol O. Schmidt, 1870 (TM)
= *Radiella sarsi* Gorbunov, 1946
* Barthel & Tendal, 1993 are using the name *Trichostemma sol* (O. Schmidt, 1870) sensu Koltun (1966). Why?
Skagerrak, Stavanger - Troms, Shetlands, E England, Iceland, Barents Sea, Greenland, abyssal Arctic basin, in 145-3940 m.

R. grimaldi (Topsent, 1913)
= *Trichostemma grimaldi* Topsent, 1913
E Greenland, Iceland, Barents Sea, Spitsbergen, 70-650 m

R. hemisphaericum (M. Sars, in G.O. Sars, 1872)
= *Trichostemma hemisphaericum* M. Sars, in G.O. Sars, 1872 (TM of *Trichostemma* M. Sars, 1872 in G.O. Sars, 1872)
Troms - NE Norway, Norwegian Sea, E Greenland, off N Spitsbergen, in 175-790 m.

Spinularia J.E. Gray, 1867
= *Rhaphidorus* Topsent, 1898
* Considered to be a synonym of *Polymastia* Bowerbank, 1863 by Smecher

S. spinularia (Bowerbank, 1862)
Bohuslän-Skagerrak in >50m, Stavanger - Trondheimsfjorden, British Isles

Sphaerotylus Topsent, 1898

S. schoenus (Sollas, 1882)
= *Polymastia capitata* Vosmaer, 1885 (TM)
Stavanger - Troms, Barents Sea, Spitsbergen, Antarctic, in 50-440 m.

S. borealis (Swarzewsky, 1906)
= *Protelea borealis* Swarzewsky, 1906
= *Sphaerotylus antarcticus* Kirkpatrick, 1908
E Greenland, Iceland, Spitsbergen, Barents Sea, White Sea, in 4.5-500 m.

Quasillina Norman, 1869
= *Bursalina* O. Schmidt, 1875

Q. brevis (Bowerbank, 1861) Norman, 1869
= *Euplectella brevis* Bowerbank, 1861 (TM)
= *Polymastia brevis* : Bowerbank, 1866
= *Bursalina muta* O. Schmidt, 1875
Säcken, Stavanger - Troms, British Isles, SW Ireland, Shetlands, Faeroes, Iceland,

Greenland, Spitsbergen, Barents Sea, Kola fjord, Roscoff, Mediterranean, in 15-750 m.

Q. richardi Topsent, 1913
* This species is considered as a synonym of *Q. brevis* (Bowerbank, 1861) by Koltun, 1966
Koster area, Lofoten area - Troms, Iceland, between Norway & Bear Island, Spitsbergen

Tentorium Vosmaer, 1885
= *Thecophora* O. Schmidt, 1870, non Rondani, 1845 (Diptera), non Lederer, 1857 (Lepidoptera)

T. semisuberites (O. Schmidt, 1870)
= *Thecophora semisuberites* O. Schmidt, 1870 (TM)
= *Thecophora elongata* von Marenzeller, 1877
* Stone & al., 1984, lists *Tentorium* spp. from the British Isles
Bohuslän - Lofoten, E Greenland, Iceland, Spitsbergen, Barents Sea, Kara Sea, Laptev Sea, abyssal Arctic basin, Shetlands, British Isles?, Spain, Azores, in 26-2800 m.

Vosmaeria Fristedt, 1885, non von Lendenfeld, 1885
* Is this genus a junior homonym and is it a synonym of another?

V. crustacea Fristedt, 1885 (TM)
= *Inflatella* sp. : Fristedt, 1885
= *Vosmaeria robusta* Swarczewsky, 1906
Kattegatt-Bohuslän-Skagerrak, all Norway, Spitsbergen, White Sea, Barents Sea, Greenland Sea, in 13-256 m.

V. laevigata Topsent, 1896
Roscoff

Atergia Stephens, 1915

A. corticata Stephens, 1915 (TM)
NE Atlantic

Tyloxocladus Topsent, 1898

T. spp.
British Isles

Latrunculiidae Topsent, 1922
= *Podospongiidae* de Laubenfels (nom. nud.)

Latrunculia Barbosa du Bocage, 1869
= *Sceptrella* O. Schmidt, 1870
= *Negombo* Dendy, 1905

L. cratera Barbosa du Bocage, 1869 (TM)
* Koltun, 1966 use the spelling *L. crateri*
Stavanger

L. triloba (O. Schmidt, 1875)
= *Sceptrella triloba* O. Schmidt, 1875
Stavanger - Troms, Iceland, E Greenland, Barents Sea, in 125-418 m.

L. tricineta Hentschel, 1929
Norwegian Sea, Troms, Spitsbergen, in 192-342 m.

L. normani Stephen, 1915
NE Atlantic

Suberitidae O. Schmidt, 1870

Suberites Nardo, 1833
= *Lithumena* Lieberkühn, 1859
= *Ficulina* J.E. Gray, 1867
= *Syringella* O. Schmidt, 1868 (s. str.)
= *Suberanthus* von Lendenfeld, 1897
= *Suberella* Thiele, 1905
= *Laxosuberella* Burton, 1930
= *Carnleia* Burton, 1930
= *Laxosuberites* : Burton, 1930, non Topsent, 1896
= ? *Choanites* Mantell, 1822

S. caminatus Ridley & Dendy, 1886
Britain

S. crelloides Marenzeller, 1886
Jan Mayen

S. elongatus Ridley & Dendy, 1886
= *Rhizaxinella elongata* (Ridley & Dendy, 1886)
British Isles

S. ficus (Linnaeus, 1767)
= *Suberites montalbidus* Carter, 1880
= *Suberites domuncula* : Auctt., non *Alcyonium domuncula* Olivi, 1792
* Koltun, 1966 separates *S. domuncula domuncula* (Olivi, 1792) found in Norwegian Sea & White Sea from *S. domuncula ficus* (Johnston, 1842) found in all northern Russian waters, Norwegian & Greenland Seas and *S. domuncula spermatozoon* (O. Schmidt, 1872) found in NW Russian water, Norwegian & Greenland Seas.
Öresund-Bohuslän, Skagerrak - Lofoten, Spitsbergen, Iceland, Greenland, Barents Sea, Netherlands, Br. Isles, Ireland, Faeroes, Roscoff, Spain, Mediterranean, Azores, littoral - 36 m.

S. gibbosiceps Topsent, 1904
British Isles

S. luetkeni (O. Schmidt, 1870)
= *Ficulina luetkeni* O. Schmidt, 1870
Öresund-Bohuslän, Skagerrak - Lofoten, Spitsbergen, Faeroes, Jan Mayen, Arctic

S. lurida Sole-Cava & Thorpe, 1986
= *Suberites ficus luridus* Sole-Cava & Thorpe, 1986
Isle of Man

S. massa Nardo, 1877
Roscoff, Shetlands?

S. montiniger Carter, 1880
= *Suberites glasnepit* Swarczewsky, 1906
= *Suberites concinnus* Lambe, 1894
= *Pseudosuberites montiniger* : Hentschel, 1916
= *Stylotella gorbunovi* Rezvoi, 1931
Barents Sea, White Sea, Spitsbergen, Greenland Sea, in 10-426 m.

S. pagurorum Sole-Cava & Thorpe, 1986
= *Suberites ficus pagurorum* Sole-Cava & Thorpe, 1986
Isle of Man

S. rubra Sole-Cava & Thorpe, 1986
= *Suberites ficus rubrus* Sole-Cava & Thorpe, 1986

Isle of Man

S. simplex (Carter,1876)
NE Atlantic

S. spermatozoon O. Schmidt,1872

* Regarded as a subspecies of *S. domuncula* (Olivieri,1792) by Koltun 1966. See *S. ficus*.
Bohuslän, Skagerrak, Norway, Arctic

Laxosuberites Topsent,1898

L. durus Stephens,1915
NE Atlantic

L. ectyoninus Topsent,1900
French Atlantic coast

L. incrustans Stephens,1915
Koster Channel, Skagerrak, Bergen, W Ireland

L. rugosus (O. Schmidt,1868)
NE Atlantic

L. capillitium (Topsent,1???)
= *Mycale strelnikovi* Rezvoi,1924
N Kara Sea, in 110 m

L. sp.
* Probably new to science, according to Tendal, in Afzelius,1978
Koster area (Klinken)

Pseudosuberites Topsent,1896

P. carnosus (Johnston,1842) Koltun,1966
= *Halichondria carnosus* Johnston,1842
= *Suberites carnosus* : Auctt.
Koster Channel, Egersund - Trondheimsfjorden - Varangerfjorden, Spitsbergen, British Isles, Faeroes, Ireland, Iceland, E Greenland, Barents Sea, Roscoff, Spain, Mediterranean, Azores, in 49-823 m.

P. fallax (Bowerbank,1866)
= *Hymeniacidon fallax* (Bowerbank,1866)
Roscoff

P. hyalinus (Ridley & Dendy,1887)
= *Hymeniacidon hyalina* Ridley & Dendy,1887 (TM)
Koster Channel, Säcken, Skagerrak - Trondheimsfjorden - Troms, Iceland, between Norway & Bear Island, Spitsbergen, Mediterranean

P. mollis Topsent,1925
Roscoff

P. sadko Koltun,1966
Greenland Sea, Kara Sea, Laptev Sea, in 121-368 m.

P. simplicima (Bowerbank,1874)
Väderö archipelago, Oxevik, Shetlands

P. sulphureus (Bowerbank,1866 ex Bean MS)
= *Hymeniacidon sulphurea* Bowerbank,1866 ex Bean MS
Kieler Bucht-Bohuslän, Skagerrak - Troms, E Britain, Shetlands, Iceland, Ireland, Roscoff, Mediterranean

Prosuberites Topsent,1893

P. epiphytum (de Lamarck,1815)
Gullmarfjord area in 10-15m, Koster area (Klinken), Fensfjorden area, North Sea, Netherlands, Roscoff, Ireland

P. longispina Topsent,1893 (TM)
Roscoff

Rhizaxinella Keller,1880 (TM *R. clavigera* Keller,1880 - Mediterranean)

R. schaudinni Hentschel,1929
Spitsbergen, in >1000 m.

Stylaxia Topsent,1913
* Is this a good genus and does it belong in this family?

S. variabilis (Vosmaer,1882)
= *Semisuberites* Carter,1877 *arctica* Burton,1932
Spitsbergen, E Greenland

Terpios Duchassaing de Fombressin & Michelotti,1864
= *Terpiosella* Burton,1930

T. fugax Duchassaing de Fombressin & Michelotti,1864
= *Hymeniacidon gelatinosa* Bowerbank,1866
= *Hymedesmia tenuicula* Bowerbank,1882
British Isles, Ireland, Roscoff, Mediterranean, Azores

Spirastrellidae Ridley & Dendy,1886

Spirastrella O. Schmidt,1868 (TM *Spirastrella cunctatrix* O. Schmidt,1868)
= *Chondrilla* de Laubenfels,1936

S. minax (Topsent,1888)
Calais, Roscoff

Clionidae J.E. Gray,1867
= Thoosidae Ackers & al.,1985

Alectona Carter,1879

A. millari Carter,1879 (TM)
Säcken, Oslofjord, Stavanger, Trondheimsfjorden, British Isles?, Mediterranean

A. wallichii (Carter,1874)
Br. Isles

Chiona Grant,1826
= *Voia* Michelin,1841, non 1833
= *Papillina* O. Schmidt,1862
= *Raphyrus* Bowerbank,1863
= *Pione* J.E. Gray,1867
= *Myle* J.E. Gray,1867
= *Sapline* J.E. Gray,1867
= *Idomon* J.E. Gray,1867
= *Pronax* J.E. Gray,1867 (p.p.)
= *Osculina* O. Schmidt,1868
= *Papillella* Vosmaer,1885

= *Papillissa* von Lendenfeld,1888
= *Gapoda* de Laubenfels,1936

C. abyssorum Carter,1874
Britain

C. celata Grant,1826 (TM)
= *Raphyrus griffithsii* Bowerbank,1866
W Baltic-Bohuslän, Norway (Egersund - Bergen area), British Isles, Ireland, Roscoff

C. levispira Topsent,1898
Britain

C. lobata Hancock,1849
Öresund-Bohuslän, Skagerrak, Bergen, North Sea, Ireland, Roscoff

C. pruvoti Topsent,1900
W France

C. vastifica Hancock,1849
W Baltic-Bohuslän, North Sea, all Norway, Norwegian Sea, Barents Sea, Roscoff, Mediterranean, Indo-Pacific, in 5-600 m.

C. viridis (O. Schmidt,1862)
Stavanger area

Thoosa Hancock,1849

T. spp.
* Stone & al.,1984 lists *Thoosa* spp. from British Isles

Delectona De Laubenfels,1936 (TM *Alectona higgini* Carter,1880 - Gulf of Mannar)
* Is this a good genus?

Timeidae Topsent,1928

Timea J.E. Gray,1867

T. acutostellata (Hanitsch,1894)
Britain

T. crassa (Topsent,1900)
W France

T. hallezi (Topsent,1891)
Belgium, Roscoff, Calais, Ireland

T. mixta (Topsent,1896)
Roscoff

T. stellata (Bowerbank,1866)
= *Hymedesmia stellata* Bowerbank,1867 (TM)
Shetlands, Calais, Roscoff, Arctic

T. stellifasciata Sarà & Siribelli,1960
Roscoff

T. unistellata (Topsent,1900)
Iceland, Mediterranean

Hemisterrellidae von Lendenfeld,1889
= Astraxinellidae Dendy (nom. nud.)

Adreus J.E. Gray,1867

A. fascicularis (Bowerbank,1866)
= *Dictyocylindrus fascicularis* Bowerbank,1866
British Isles, Roscoff, Spain

Paratimea Hallmann,1917 (Non *Paratimia* Fisher,1915 (Coleoptera))

P. constellata (Topsent,1893)
Roscoff

Stelligera J.E. Gray,1867
= *Vibulinus* J.E. Gray,1867

S. rigida (Montagu,1818)
= *Vibulinus rigidus* (Montagu,1818) : Topsent,1890
British Isles, Ireland, Roscoff

S. stuposa (Ellis & Solander,1786)
British Isles, Roscoff, Ireland, Spain, Mediterranean

Placospongiidae J.E. Gray,1867

Trachycladidae Hallman,1917

LITHISTIDA
= DESMOPHORIDA Hentschel
= TRIAENOS(ID)A Sollas

TRIAENOSINA

Theonellidae von Lendenfeld,1903

Corallistidae Sollas,1888
= Coscinospongiidae von Lendenfeld

Macandrewia J.E. Gray,1859

M. azorica J.E. Gray,1859
off Britain, Azores

Pleromidae Sollas,1888
= Isoraphiniidae Schrammen
= Dorydermidae Moret

RHABDOSINA

Neopeltidae Sollas,1888

Cladopeltidae Sollas,1888
= Siphonidiidae von Lendenfeld

ANOPLINA

Azoriciidae Sollas,1888
= Leiodermatidae von Lendenfeld

Desmanthidae Topsent,1893

Vetuliniidae von Lendenfeld,1903

CERACTINOMORPHA Lévi,1956

VERTICILLITIDA

* The recent "Sphinctozoa" are not represented in the area.

Cryptocoeliidae Steinmann,1982

AGELASIDA

Agelasidae Verrill,1907

Astroscleridae Lister,1900

HALICHONDRIIDA Vosmaer,1877

Axinellidae Carter, 1875
= Bubaridae Hentschel

Axinella O. Schmidt,1862 (™ *Axinella polyoides* O. Schmidt,1862)
= *Astrospongia* J.E. Gray,1867
= *Chalinissa* von Lendenfeld,1887

A. agnata Topsent,1896
Roscoff, Channel Islands

A. damicornis (Esper,1794)
= *Spongia damicornis* Esper,1794
= *Axinella cinnamomea* O. Schmidt,1862
British Isles, Roscoff, Mediterranean

A. dissimilis (Bowerbank,1866)
= *Isodictya dissimilis* Bowerbank,1866
= *Halichondria distorta* Bowerbank,1866
* Sibling species with *A. polyoides*, which turns brown in alcohol, whereas *A. dissimilis* turns grey.
W British Isles, Roscoff, Ireland, Iceland, Portugal

A. egregia (Ridley,1881)
Roscoff

A. flustra Topsent,1892
= *Tragosia flustra* Topsent,1928
Roscoff

A. mammillata (Hanitsch,1890)
NE Atlantic

A. microdragma (von Lendenfeld,1897)
NE Atlantic

A. multiformis (Vosmaer,1885)
NE Atlantic

A. pocillum (Bowerbank,1866)
Br. Isles

A. polyoides O. Schmidt,1862 (™ - Mediterranean)
= *Tragosia polyoides* (O. Schmidt,1862)
Portugal, Spain, Mediterranean, Madeira

A. pyramidata Stephens,1916
British Isles, W Ireland, Faeroes

A. rugosa (Bowerbank,1862)
= *Dictyocylindrus rugosus* Bowerbank,1862
Bohuslän, Skagerrak - Troms, Spitsbergen, Shetlands, Orkneys, Faeroes, Iceland, off W
Ireland, Greenland, Roscoff

A. thielei (Topsent,1898)
NE Atlantic

A. vellea Topsent,1904
Norway (Nordland)

A. verrucosa (Esper,1794)
Roscoff

Tragosia J.E. Gray,1867

T. infundibuliformis (Linnaeus,1758)
= *Spongia infundibuliformis* Linnaeus,1758 (™)
= *Axinella infundibuliformis* : Auctt.
Gullmarfjord area, Väderö area, Norway up to Porsangerfjorden, British Isles, Shetlands,
Orkneys, Iceland, Faeroes, Ireland, Roscoff

Phakellia Bowerbank,1862

P. arctica Vosmaer,1885
= *Axinella arctica* (Vosmaer,1885)
= *Tragosia calyciformis* : Auctt., non (de Lamarck,1813)
Skagerrak in 200-300m, all Norway, Spitsbergen, British Isles, Shetlands, Faeroes, Iceland

P. bowerbanki Vosmaer,1885
= *Isodictya dicksonii* Fristedt,18??
Hammerfest, Spitsbergen, Iceland, E Greenland, Jan Mayen, Barents Sea, Murmansk

P. cribrosa Miklukho-Maklaj,1870
Jan Mayen, Arctic

P. lambei (Topsent,1???)
Iceland, Alaska

P. robusta Bowerbank,1866
Koster area, Skagerrak, W Norway, Lofoten, British Isles, Shetlands, Iceland, Spain,
Mediterranean, Azores, Morocco

P. setosa (Bowerbank,1873)
Br. Isles

P. simplicima (Bowerbank,1868)
* May be in need of taxonomic revision?
Shetlands

P. ventilabrum (Linnaeus,1767)
= *Spongia ventilabra* Linnaeus,1767 (™)
= *Phakellia papyracea* Lambe,1892
= *Bubaris vermiculata* : Auctt., non (Bowerbank,1866)
Bohuslän, Skagerrak - Troms, Spitsbergen, British Isles, Faeroes, Iceland, Ireland, Barents
Sea, Roscoff, Spain

Bubaris J.E. Gray,1867
= *Ommatosa* de Laubenfels,1936

B. vermiculata (Bowerbank,1866)
= *Hymenaphia vermiculata* Bowerbank,1866 (™)
= *Phakellia vermiculata* (Bowerbank,1866)
Oslofjorden-Trondheimsfjorden - Lofoten, Faeroes, Iceland, Greenland, Bear Island,
Spitsbergen, Shetlands, E Scotland, Roscoff, Spain, Mediterranean, Azores

Pseudaxinella O. Schmidt,1875

P. sulcata O. Schmidt,1875 (™)
Koster Channel, Bergen

Homaxinella Topsent,1916 (™ *Axinella supratumescens* Topsent,1907)

H. informis Burton,1930
Trondheim

Pachaxinella Burton,1930

P. subdola (Bowerbank,1866)
= *Halichondria subdola* Bowerbank,1866 (™)
= *Homaxinella subdola* (Bowerbank,1866)
(S) British Isles

Hymerhabdia Topsent,1892

H. intermedia Sarà & Siribelli,1960
Roscoff

H. typica Topsent,1892 (™)
Roscoff

Skeizia Cabioch,1968

S. minuta Cabioch,1968 (™)
Roscoff

Desmoxiidae Hallmann,1917
= Higginsidae de Laubenfels

Halicenia Bowerbank, in MacAndrew,1862

H. patera Bowerbank,1862 (™)
= *Crella inflata* (Bowerbank,1874)
Shetlands, Roscoff

H. verticillata (Bowerbank,1862)
= *Hymenaphia verticillata* Bowerbank,1874
= *Bubaris gallica* Topsent,1893
Lofoten area - N Norway, Spitsbergen, Arctic, Shetlands, Faeroes, Iceland, British Isles,
Ireland, Roscoff, Azores

H. loennbergi Alander,1942
Skagerrak, Väderö Channel

Higginsia Higgin,1877
= *Dendropsis* Ridley & Dendy,1886
= *Desmoxya* Hallman,1917

H. ciccaresei Pansini & Pesce,1998
Apulian marine cave

H. mediterranea Pulitzer-Finali,1977
Bay of Naples

H. pyriformis Brøndsted,1916
NE Greenland

H. strigilata (de Lamarck,1814)
= *H. coralloides* Higgin,1877 (™)
off SW Iceland, Ireland, Liberia

H. thielei Topsent,1898
Iceland, Irelans, Azores

Dictyonellidae van Soest, Diaz & Pomponi,1990

Acanthella Schmidt 1862

Tethyspira Topsent,1890

T. spinosa (Bowerbank,1874)
= *Tethea spinosa* Bowerbank,1874 (™)
Belgium, Calais, Britain, Roscoff

Dictyonella O. Schmidt,1868, non Hall,1868 (Brachiopoda)
* Which name has priority?

D. incisa (O. Schmidt,1868)
= *Phakellia incisa* O. Schmidt,1868
= *Hymeniacidon incisa* (O. Schmidt,1880)
= *Rhaphidostyla incisa* (O. Schmidt,1880)
NE Atlantic

Scopatina Schmidt 1862

Halichondriidae Vosmaer,1877
= Spongosoritidae Topsent
= Hymeniacidonidae de Laubenfels,1934 (p.p.)

Halichondria Fleming,1828
= *Pellina* O. Schmidt,1870
= *Amorphina* O. Schmidt,1870
= *Densa* de Laubenfels,1934
= ? *Ciocalapata* de Laubenfels,1936
= *Cioxeamastia* de Laubenfels,1942
= *Eumastia* O. Schmidt,1870
= *Halichondriella* Burton,1931
= *Menanetia* Topsent,1896
= ? *Pyloderma* Kirkpatrick,1908
= *Raspaigella* O. Schmidt,1868
= *Trachyopsilla* Burton,1931
= *Spuma* Miklukho Maklaj,1870

H. agglomerans Cabioch,1968
British Isles, Roscoff

H. appendiculata (O. Schmidt,1870)
= *Eumastia appendiculata* O. Schmidt,1870
English SE coast in 27m

- H. bibula** (O. Schmidt,1870)
= *Pellina bibula* O. Schmidt,1870
Kara Sea
- H. bowerbanki** Burton,1930
= *Halichondria coalita* (Lamouroux,1816) : Bowerbank,1866
Bohuslän - Troms, Spitsbergen, British Isles, Ireland, Belgium, Iceland, Roscoff, Mediterranean
- H. colossea** Lundbeck,1902
off W Iceland
- H. coralloides** (Bowerbank,1882)
* Another synonyme of *H. panicea* ?
Firth of Forth
- H. diversispiculata** Burton,1930
Mouth of Gullmarfjord in ca 30m, Stavanger area
- H. genatrix** (O. Schmidt,1870)
= *Amorphina nodosa* Fristedt,1887
Stavanger, Trondheimsfjorden, Troms, Spitsbergen, E Greenland
- H. glabra** (Bowerbank,1866)
Scarborough, Belgium, Calais (85-155m)
- H. heterorhaphis** Breitfuss,1912
Spitsbergen
- H. labiata** Hentschel,1929
Spitsbergen
- H. lactea** (Bowerbank,1866)
* Another synonyme of *H. panicea* ?
Moray Firth
- H. macularis** Johnston,1846
Shetlands, Ireland (27-63m)
- H. membrana** (Bowerbank,1866)
* Considered to be a form of *H. panicea* by many
Shetlands, Roscoff
- H. minchini** (Topsent,1896)
= *Menanetia minchini* Topsent,1896
Roscoff
- H. normani** Burton,1930
Skagerrak, Koster Channel in 80-200m, Trondheimsfjorden
- H. osculum** Lundbeck,1902
E & W Greenland
- H. panicea** (Pallas,1766) (TM)
= *Isodictya crassa* Bowerbank
Kattegatt, Skagerrak, all Norway, Faeroes, S North Sea, British Isles, Ireland, Roscoff, Iceland, Bear Island, Spitsbergen, Barents Sea, Jan Mayen, Mediterranean, Senegal, cosmopolitan
- H. sitiens** (O. Schmidt,1870)
= *Eumastia sitiens* O. Schmidt,1870
Bergen - N Norway, Iceland, Spitsbergen, Greenland
- H. tenuispiculata** Brøndsted,1916
NE Greenland
- H. topsenti** de Laubenfels,1936
= *Halichondria reticulata* (Bowerbank,1866)
* Considered to be a form of *H. panicea* by many
Shetlands, Roscoff, Ireland
- H. velamentosa** (Armauer Hansen,1885)
N Norway in 271-355m, Spitsbergen, off N & E Iceland
- Ciocalypa** Bowerbank,1862
= *Leucophloeus* Carter,1883
= *Apatospongia* Marshall,1892
= *Uritia* Burton,1932
- C. penicillus** Bowerbank,1864 (TM)
Helgoland, Netherlands, Belgium, British Isles, Ireland, Roscoff, Iceland, Portugal, Mediterranean,
- Spongosorites** Topsent,1896 (TM *Spongosorites placenta* Topsent,1896)
= *Anisoxya sensu* Topsent,1898, non *Anisoxia* Mulsant,1856
= *Trachyopsis* Dendy,1905
= *Aponastra* Topsent,1927
- S. fibrosa** (Fristedt,1887)
= *Halichondria (Topsentia* Berg,1899) *fibrosa* (Fristedt,1887)
= *Amorpina fibrosa* Fristedt,1887
Koster Channel, Stavanger, Spitsbergen, Arctic, Roscoff
- S. genatrix** (O. Schmidt,1870)
= *Raspaiella* O. Schmidt,1868 (*Spongosorites* Topsent,1896) *genatrix* O. Schmidt,1870
= *Topsentia genatrix* (O. Schmidt,1870)
Stavanger, Arctic, British Isles, Roscoff
- S. glabra** (Topsent,1904)
Br. Isles
- Axinyssa** von Lendenfeld,1897 (TM *Axinyssa topsenti* von Lendenfeld,1897)
= *Pseudaxinyssa* Burton,1931
= *Axinimimus* de Laubenfels,1936
- A. digitata** (Cabioc,1968)
= *Pseudaxinyssa digitata* Cabioc,1968
Roscoff
- Hymeniacion** Bowerbank,1863
= *Hymeniacion* Bowerbank,1861 (nom. nud.)
= *Amorphilla* Thiele,1898
= *Thiella* Burton,1932
= *Rhaphidostyla* Burton,1935
= *Nailondra* de Laubenfels,1954
= *Rhaphoxiella* Burton,1934
= *Syrolalina* Kirk,1909
= *Thieleia* Burton,1932
= *Uritia* Burton,1932
- "**H. fallax** Bowerbank" Fristedt,1885
Öresund, Bohuslän, Skagerrak
- H. assimilis** (Levinsen,1886)
= *Halichondria assimilis* Levinsen,1886
Kara Sea
- H. fasciculata** (Fristedt,1887)
= *Amphorina fasciculata* Fristedt,1887
Iceland, Spitsbergen
- H. kitchingi** (Burton,1935)
= *Rhaphidostyla kitchingi* Burton,1935 (TM of *Rhaphidostyla* Burton,1935)
W Scotland
- H. mammeata** Bowerbank,1866
= *Polymastia mammeata* (Bowerbank,1866) sensu Arndt,1935
Shetlands, E England
- H. medius** Bowerbank,1874
Ireland
- H. madeirensis** (Topsent,1928)
= *Rhaphidostyla madeirensis* (Topsent,1928)
= *Stylotella madeirensis* Topsent,1928
Roscoff
- H. pelligera** (O. Schmidt,18??)
= *Rhaphidostyla pelligera* (O. Schmidt,18??)
= *Stylotella pelligera* (O. Schmidt,18??)
Roscoff
- H. perleve** (Montagu,1814)
= *Spongia perlevis* Montagu,1814
= *Spongia sanguinea* Grant,1826
= *Hymeniacion caruncula* Bowerbank,1859 (TM)
Egersund, British Isles, Ireland, Roscoff, Belgium, Netherlands, Iceland, Spitsbergen, Spain, Mediterranean, Cape Verde, Angola
- H. simplex** (Bowerbank,1866)
Shetlands
- H. simplissima** (Bowerbank,1874)
= *Rhaphidostyla simplissima* (Bowerbank,1874)
= *Stylotella simplissima* (Bowerbank,1874)
Roscoff, British Isles?
- H. virgulatum** Bowerbank,1882
E England
- Topsentia** Berg,1899
= *Trachyopsis* Dendy,1905
= *Alloscleria* Topsent,1927
= *Coelocalypa* Topsent,1928
= *Oxeostilon* Ferrer-Hernandez,1923
= *Laminospongia* Pulitzer-Finali,1983
- T. difcilis** (Lundbeck,1902)
= *Halichondria difcilis* Lundbeck,1902
Öresund, W Norway, off W & SW Iceland, Arctic, British Isles, Roscoff
- Didiscus** Dendy,1922
- POECILOSCLERIDA** Topsent,1928
- MYCALINA** Hajdu, van Soest & Hooper,1993
- Mycalidae** Lundbeck,1905
- Mycale** J.E. Gray,1867 (also subgenus)
= *Acamas* Duchassaing de Fonbressin & Michelotti,1864 (p.p.)
= *Acamasina* de Laubenfels,1936 (used as subgenus) (TM *Acamas laxissima* Duchassaing de Fonbressin & Michelotti,1864)
= *Aegogropila* J.E. Gray,1867 (used as subgenus) (TM *Halichondria aegogropila* Johnston,1842)
= *Carmia* J.E. Gray,1867 (used as subgenus) (TM *Hymedesmia macilenta* Bowerbank,1866)
= *Esperella* Vosmaer,1885
= *Esperia* Nardo,1833 (p.p.)
= *Grapelia* J.E. Gray,1867 (used as subgenus)
= *Mycalacarmia* de Laubenfels,1936
= *Oxycarmia* de Laubenfels,1954
= *Parisociella* Burton,1952
= *Protoesperia* Czerniavsky,1879
= *Pseudoesperia* Carter,1886
= *Raphioderma* Bowerbank,1869
= *Raphioderma* Bowerbank,1874 (p.p.)
= *Sceptrospongia* Dendy,1926
- M. adhaerens** (Lambe,1893)
= *Esperella adhaerens* Lambe,1893
= *Esperella lingua* var. *arctica* Fristedt,1887
Greenland Sea, N Cold Pacific, in 0-270 m.
- M. arctica** (Hentschel,1929)
= *Rhaphidotheca arctica* Hentschel,1929
Barents Sea, off N Spitsbergen, high Arctic, in 124-446 m.
- M. (Mycale) lingua lingua** (Bowerbank,1866)
= *Halichondria lingua* Bowerbank,1858 (n. nud.)
= *Hymeniacion lingua* Bowerbank,1866 (TM)
= *Desmacidon constrictus* Bowerbank,1866
= *Esperia lucifera* O. Schmidt,1873
= *Raphioderma lingua* : Bowerbank,1874
= *Mycale massa* : Auctt. non (O. Schmidt,1862)
= *Esperia constricta* : Vosmaer,1882
= *Esperia laevis* Carter,1882
= *Esperella vosmaeri* Levinsen,1886
= *Esperella murrayi*, Ridley & Dendy,1886
= *Esperia laevis* Goreau & Hartman,1966
Bohuslän, Skagerrak, all Norway, N Scotland, Shetlands, Faeroes, off NW Spain, Azores, Kara Sea, Bear Island, Spitsbergen, Jan Mayen, Iceland, Barents Sea, off S Greenland, E Greenland, Mediterranean, in 0-2460 m.

- M. (Mycale) lingua placoides* (Carter,1876)
= *Esperia placoides* Carter,1876
Väderö-Koster Channel system, Skagerrak, all Norway, Spitsbergen, North Sea, Shetlands, off W Ireland, Faeroes, Iceland, Denmark Strait, Arctic
- M. (Carmia) J.E. Gray,1867 macilenta* (Bowerbank,1866)
= *Hymeniacion macilenta* Bowerbank,1866
= ? *Raphiodesma fallaciosum* Bowerbank,1882
Bohusl. (Klinken), Bergen, British Isles, Roscoff, Ireland, Belgium (Lusitanian-West Indian)
- M. massa* (O. Schmidt,1862)
NE Atlantic
- M. micrakanthoxea* Buizer & van Soest,1977
Netherlands, Gibraltar
- M. minima* (Waller,1880)
= *Esperella littoralis* Topsent,1891
Ireland, Roscoff (Mediterranean-Lusitanian)
- M. retifera* Topsent,1924
Roscoff
- M. (Aegogropila) J.E. Gray,1867 rotalis* (Bowerbank,1874)
Stavanger, Roscoff, British Isles, Ireland (Mediterranean-Lusitanian)
- M. (Carmia) J.E. Gray,1867 similaris* Bowerbank,1874
= *Raphiodesma sordida* (Bowerbank,1874)
= *Hymeniacion subclavata* Bowerbank,1866
British Isles, Roscoff
- M. thaumatochela* Lundbeck,1905
= *Mycale varpachovskii* Rezvoi,1924
Barents Sea, White Sea, Kara Sea, E, NE & W Greenland, in 3-64 m.
- M. tubans* (O. Schmidt,1870)
= *Desmacion tubans* O. Schmidt,1870
off SW Iceland
- Oxymycale* Hentschel,1929
- O. intermedia* (O. Schmidt,1874)
= *Esperia intermedia* O. Schmidt,1874 (TM)
= *Mycale intermedia* : Thiele,1903
NE Greenland, Barents Sea, Laptev Sea, in 17-325 m.
- Rhaphidotheca* Saville-Kent,1870 (TM *Rhaphidotheca marshallhalli* Saville-Kent,1870)
- R. marshallhalli* Saville-Kent,1870
= *Mycale marshallhalli* (Saville-Kent,1870)
= *Rhaphidotheca rhopalophora* (O. Schmidt,1875)
Säcken coral reef, Skagerrak - Bergen, boreal North Atlantic
- Stylinos* Topsent,1891 (TM *Isodictya uniformis* Bowerbank,1864)
= ? *Ulosa* de Laubenfels,1936
= *Stylaxinella* Vacelet,1960
- S. digitatus* (O. Schmidt,1866)
= ? *S. tupa* (Pallas,1776)
= *Halichondria inornata* Bowerbank,1866
= *Desmacion pannosus* Bowerbank,1874
* If *Ulosa* de Laubenfels is considered as a separate genus, this species should be named *U. digitata*
Väderö Channel, Skagerrak, Belgium, Shetlands, Br. Isles, Ireland, Roscoff
- S. fristedii* Topsent,1913
Lofoten
- Esperiopsis* Carter,1882
* belongs to Myxillidae according to van Soest & Stone,1986
- E. artemisinae* Brøndsted,1932
Faeroes
- E. flagellum* Lundbeck,1905
off SE Iceland
- E. forcipula* Lundbeck,1905
Barents Sea, Spitsbergen, Denmark Strait, in 101-365 m.
- E. incognita* Stephens,1916
Ireland
- ? *E. involuta* (Bowerbank,1882)
= *Isodictya involuta* Bowerbank,1882
Ireland
- E. macrosigma* Stephens,1916
Ireland
- E. palmata* ?,1999
Spitsbergen
- E. schmidtii* Arnesen,1903
Norway (Bergen area & Osterfjord)
- E. typichela* Lundbeck,1905
E Greenland, Barents Sea, Spitsbergen, White Sea, Laptev Sea, in 36-542 m.
- E. villosa* (Carter,1874)
= *Esperia villosa* Carter,1874 (TM)
British Isles, between Scotland & Faeroes, Iceland, E Greenland, Spitsbergen, Kola fjord, Azores, Antarctic, in 37-2187 m.
- Cladorhizidae de Laubenfels,1936
- Cladorhiza* M. Sars,1872
= *Cladorhiza* M. Sars,1869 (nom.nud.)
= *Axinoderma* Ridley & Dendy,1886
= *Trochoderma* Ridley & Dendy,1886
= *Exaxinata* de Laubenfels,1936
= *Raoa* de Laubenfels,1936
- C. abyssicola* M. Sars,1872 (TM)
Skagerrak in 500m or more, Trondheimsfjorden, Lofoten area, Barents Sea, Spitsbergen, off S Iceland, Mediterranean, Madeira
- C. arctica* Koltun,1959
= *Cladorhiza arctica* Burton,1946 (nom. nud.)
Kara Sea, abyssal Arctic, in 2040-2365 m.
- C. corticocancellata* Carter,1876
off S & N Faeroes
- C. gelida* Lundbeck,1905
Faeroes Channel, off N Scotland, off W Norway, Spitsbergen, Greenland Sea-abyssal Arctic basin, in 1098-4310m
- C. iniquidentata* Lundbeck,1905
off E Faeroes
- C. oxedata* Lundbeck,1905
Spitsbergen, off W Iceland, off N Faeroes, E Greenland
- C. tenuisigma* Lundbeck,1905
Norwegian Sea, off S Jan Mayen, off SW Spitsbergen, Laptev Sea, in 371-1834 m.
- Chondrocladia* Wyville Thomson,1873 (TM *C. virgata* Wyville Thomson,1873)
= *Neocladia* Koltun,1970
- C. gigantea* (Armauer Hansen,1885)
= *Desmacion clavatum* Armauer Hansen,1885
= *Desmacion nucleus* Armauer Hansen,1885
= *Desmacion arcticum* Armauer Hansen,1885
= *Cladorhiza nobilis* Fristedt,1887
off W Norway, between Faeroes & Iceland, between Faeroes & Ireland, off N Iceland, between Jan Mayen & Greenland, E Greenland, between Greenland & Canada, in 238-2127 m.
- Asbestopluma* Lankester, 1882 ex Norman MS
= *Cotyline* Lundbeck,1905
= *Lycopodina* Lundbeck,1905
- A. bihamatifera* (Carter,1876)
off E & N Iceland, Denmark Strait, off Faeroes, Spitsbergen, Barents Sea, Kara Sea, in 43-1000 m.
- A. clavigera* (Levinsen,1886)
= *Esperella (Myxilla) clavigera* Levinsen,1886
Kara Sea
- A. (Cotyline) Lundbeck,1905 comata* Lundbeck,1905
off SW Iceland
- A. (Lycopodina) Lundbeck,1905 cupressiformis* (Carter,1874)
= *Esperia cupressiformis* Carter,1874
= *Esperella fristedtii* Lambe,1900 (p.p.)
between Scotland & Faeroes, between Faeroes & Iceland, E Greenland, Barents Sea, Kara Sea, in 91-719 m.
- A. furcata* Lundbeck,1905
off Ålesund in 823m, between Faeroes & Iceland, abyssal Arctic basin
- A. (Lycopodina) Lundbeck,1905 hydra* Lundbeck,1905
between Iceland & Jan Mayen in deep water
- A. (Cotyline) Lundbeck,1905 infundibulum* Levinsen,1886
= *A. calyx* Hentschel,1914
off S & N Faeroes, off N Iceland, off S Jan Mayen, Kara Sea, in 91-710 m
- A. (Lycopodina) Lundbeck,1905 lycopodium* (Levinsen,1886)
= *Esperella lycopodium* Levinsen,1886
= *Esperella occidentalis* Lambe,1893
= *Esperella fristedtii* Lambe,1900 (p.p.)
off Faeroes, off Shetlands, between Faeroes & Norway, off S Jan Mayen, Kara Sea
- A. minuta* (Lambe,1900)
= *Esperella minuta* Lambe,1900
Denmark Strait, Kara Sea, in 336-698 m.
- A. pennatula* (O. Schmidt,1875)
= *Cladorhiza pennatula* O. Schmidt,1875 (TM)
= *Cladorhiza nordenskiöldii* Fristedt,1887
= *Esperella plumosa* Arnesen,1903
Koster Channel, Singlefjord, W & N Norway, Barents Sea, Spitsbergen, between Faeroes & Iceland, off S Iceland, E Greenland, off SW Ireland, off N Scotland, in 180-1000 m.
- A. picea* Vosmaer,1881-82
Kara Sea
- A. vosmaeri* (Levinsen,1886)
= *Esperella vosmaeri* Levinsen,1886
= *Esperella lancis affinis* Vosmaer,1881-82
Kara Sea
- Desmacionidae Gray,1872
= Guitarridae Burton,1929
- Desmacion* Bowerbank,1862
- D. cylindraceus* (Bowerbank,1882)
* Is this a synonym of another species?
E England
- D. fruticosum* (Montagu,1818)
= *Spongia fruticosa* Montagu,1818 (TM)
British Isles, Roscoff
- Guitarra* Carter,1874
= *Pocilloguitarra* Topsent,1928
- G. fimbriata* Carter,1874 (TM)
= *G. voluta* Topsent,1904
= *G. antarctica* Hentschel,1914
= *G. indica* Dendy,1916
= *G. sigmatifera* Topsent,1917
= *G. bipocillifera* Brøndstedt,1924
Britain, Roscoff, in 28-188 m, Spanish Mediterranean
- G. laplani* Boury-Esnault, Pansini & Uriz,1993
NE Atlantic
- G. solorzanoi* Cristobo,1998
NW Iberian peninsula
- Hamacanthidae J.E. Gray,1872
- Hamacantha* J.E. Gray,1867
= *Vomerula* O. Schmidt,1880
= *Zygherpe* de Laubenfels,1932
= *Athnacama* de Laubendels,1936
= *Evomerula* de Laubenfels,1936

= *Hypsispongia* de Laubenfels, 1935 (p.p.)
 =? *Crellancistra* de Laubenfels, 1936

H. falcata (Bowerbank, 1869)
 Säcken coral reef - W Norway - Troms, Shetlands

H. implicans Lundbeck, 1902
 Stavanger - Lofoten, Arctic, between Faeroes & Iceland, off S Iceland, Denmark Strait, Barents Sea, Spitsbergen, ?Bay of Biscay, ?Azores, in 144-1442 m.

H. johnsoni (Bowerbank, 1862)
 = *Hymedesmia johnsoni* Bowerbank, 1862 (TM)
 Bergen - Lofoten, Arctic

H. bowerbanki Lundbeck, 1902
 * Possibly a synonym of one of Bowerbanks species.
 between Faeroes & Iceland, off S Iceland, Denmark Strait

Desmacellidae Ridley & Dendy, 1886
 = Biemnidae Hentschel, 1923 + Sigmaxinellidae Lévi

Bienna J.E. Gray, 1867
 = *Allantophora* Whitelegge, 1907
 = *Toxemna* Hallmann, 1917

B. variantia (Bowerbank, 1858)
 = *Halichondria variantia* Bowerbank, 1861
 = *Desmacella* (O. Schmidt, 1870) *variantia* (Bowerbank, 1858) : Lundbeck, 1902
 = *Desmacidon peachii* Bowerbank, 1866 (TM)
 = *Desmacella hamifera* Lundbeck, 1902
 = *Desmacella peachii* var. *groenlandica* Fristedt, 1887
 = *Gellius capilliferus* Levinsen, 1886
 = *Gellius gemmuliferus* Breitfuss, 1912 (p.p.)
 Väderö Channel, Säcken, Skagerrak, Br. Isles, all Norway, Faeroes, between Faeroes & Iceland, Denmark Strait, off S Iceland, Spitsbergen, E Greenland, Kara Sea, Roscoff, Spain, Mediterranean, in 62-1000m.

B. corrugata (Bowerbank, 1866)
 = *Halichondria corrugata* Bowerbank, 1866
 * Possibly a synonym of *B. variantia* (Bowerbank)?
 Isle of Man, Guernsey, Ireland

Desmacella O. Schmidt, 1870 (TM *Desmacella pumilio* O. Schmidt, 1870)
 = *Desmacodes* Vosmaer, 1880
 = *Tyloidesma* Thiele, 1903
 = *Tylosigma* Topsent, 1904
 = *Sigmatylorella* Burton, 1932
 = *Sigmatoxella* de Laubenfels, 1936

D. annexa (O. Schmidt, 1870)
 = *Sigmatoxella annexa* (O. Schmidt, 1870)
 = *Tyloidesma annexa* (O. Schmidt, 1870)
 W Norway, off W Iceland, Engl. Channel inlet, Ireland, Arctic, Roscoff, Mediterranean

D. informis Stephens, 1916
 = *Tyloidesma informis* (Stephens, 1916)
 Ireland, Azores

D. inornata (Bowerbank, 1866)
 = *Halichondria inornatus* Bowerbank, 1864 (TM of *Tyloidesma* Thiele, 1903)
 = *Tyloidesma inornata* (Bowerbank, 1866)
 NE Skagerrak - Bergen, Shetlands

D. rosea Fristedt, 1887
 = *Tyloidesma rosea* (Fristedt, 1887)
 = *Bienna dautzenbergi* Topsent, 1892
 Norw. Sea, Bear Island, Barents Sea, off SW Iceland, off E Greenland, off N Spitsbergen, off Azores, in 85-1442 m.

MYXILLINA Hajdu, van Soest & Hooper, 1993

Crambidae Lévi, 1963, non Latreille, 1810 (Lepidoptera)

Coelosphaeridae Hentschel, 1923

Inflatella O. Schmidt, 1875
 = *Joyeuxia* Topsent, 1890

I. pellicula O. Schmidt, 1875 (TM)
 = *Remiera inflata* Armauer Hansen, 1885
 Stavanger, Iceland, Denmark Strait, Britain, Azores

I. rhodus (Hentschel, 1929)
 = *Hymedesmia rhodus* Hentschel, 1929
 Barents Sea, Spitsbergen, Kara Sea, Laptev Sea

I. viridis (Topsent, 1892)
 Denmark Strait, between Iceland & Azores

?*I.* sp. Könecker, 1973
 Ireland

Cornulum Carter, 1876
 * Is this a valid genus?

C. textile Carter, 1876 (TM)
 off Shetlands, off Faeroes, E Greenland, W Barents Sea, in 113-668 m.

C. enteromorphoides (Fristedt, 1887)
 Trondheimsfjord

Coelosphaera Wyville Thomson, 1873 (TM *Coelosphaera tubifex* Wyville Thomson, 1873)
 = *Histoderma* Carter, 1874
 = *Histoderma* Carter, 1886
 = *Sideroderma sensu* Ridley & Dendy, 1886
 = *Sideroderma* Dendy, 1921
 = *Xytopsocho* de Laubenfels, 1936
 = *Coelosphaericon* Bakus, 1966

C. physa (O. Schmidt, 1875)
 = *Desmacidon physa* O. Schmidt, 1875
 = *Histoderma physa* (O. Schmidt, 1875)
 = *Cornulum ascidioides* Fristedt, 1887
 * Stone & al., 1984, list *Histoderma* Carter, 1874 = *Coelosphaera* spp. from the British Isles.
 Koster Channel-Säcken in ca 80m, Skagerrak, W & N Norway, between Faeroes & Iceland, Denmark Strait, Spitsbergen, Murmansk, Azores, in 141-1000 m.

C. appendiculata (Carter, 1874)
 = *Histoderma appendiculatum* Carter, 1874 (TM of *Histoderma* Carter, 1874)
 W Ireland, off W Faeroes, off SW Iceland, in 129-1478 m.

Histoderma Lundbeck, 1910
 = *Hiltonus* de Laubenfels, 1936

H. ingolffi Lundbeck, 1910 (TM)
 off SW Iceland

H. coriacea Lundbeck, 1910
 off SW Iceland

H. spp.
 * Stone & al., 1984, list this taxon from the British Isles

Forcepia Carter, 1874 (TM *Forcepia colonensis* Carter, 1974)
 = *Ectoforcepia* Cabioch, 1968
 = *Forcepina* Vosmaer, 1885
 = *Trachyforcepia* Topsent, 1904

F. fabricans (O. Schmidt, 1874)
 off North Cape, Bear Island, E Greenland, between Faeroes & Norway

F. forcipis (Bowerbank, 1866)
 = *Halichondria forcipis* Bowerbank
 Säcken coral reef, Gullmarn, Stavanger & Bergen area, Shetlands, Faeroes, between Scotland & Shetlands, off SW Iceland

F. fragilis Stephens, 1917
 Ireland

F. groenlandica Fristedt, 1887
 E Greenland, ?Azores

F. psammophila (Cabioch, 1968)
 = *Ectoforcepia psammophila* Cabioch, 1968 (TM of *Ectoforcepia* Cabioch, 1968)
 Roscoff

F. thielei Lundbeck, 1905
 = *Forcepina thielei* (Lundbeck, 1905)
 off S Iceland

F. topsenti Lundbeck, 1905
 between Jan Mayen & Iceland (abyssal Arctic basin)

Ectyodoryx Lundbeck, 1909

E. atlanticus Stephens, 1916
 Roscoff, Ireland

E. foliata (Fristedt, 1887)
 = *Hastatus foliatus* Fristedt, 1887 (TM)
 Stavanger area, Arctic, Britain

E. loyningi Burton, 1934
 off N Norway

E. multiformis Brøndsted, 1932
 Faeroes

E. olgae Hentschel, 1928
 Spitsbergen

E. stephensi Burton, 1930
 Norway

E.? oligacantha Hentschel, 1928
 Spitsbergen

Lissodendoryx Topsent, 1892 (TM *Tedania leptoderma* Topsent, 1889)
 = *Paramyxilla* Dendy, 1905
 = *Jones* de Laubenfels, 1936
 = *Xytopsihis* de Laubenfels, 1936
 = *Zetekispongia* de Laubenfels, 1936
 = *Zetekopsis* de Laubenfels, 1936
 = *Zottea* de Laubenfels, 1936

L. complicata (Armauer Hansen, 1885)
 = *Remiera complicata* Armauer Hansen, 1885
 = *Myxilla grisea* Armauer Hansen, 1885
 = *Clathria corallorhizoides* Fristedt, 1887
 off N Faeroes, off S Jan Mayen, NE Greenland, off N Scotland, Spitsbergen, abyssal Arctic basin, in 100-1242 m.

L. diversichela Lundbeck, 1905
 Bergen area - Troms, Spitsbergen, off W Norway, Iceland, SW Ireland, Murmansk, Denmark Strait, in 49-1441 m.

L. fragilis (Fristedt, 1885)
 = *Hastatus fragilis* Fristedt, 1885
 Koster area, Skagerrak - Troms, Faeroes, Britain, Iceland, Denmark Strait, in 63-183 m.

L. indistincta (Fristedt, 1887)
 = *Hastatus indistinctus* Fristedt, 1887
 Spitsbergen, E Greenland, Iceland, Bear Island, Barents Sea, Davis Strait, in 9-512 m.

L. laxa de Laubenfels, 1935
 California, ?Iceland

L. lobosa Lundbeck, 1905
 Denmark Strait, Davis Strait, Iceland, off SW Iceland

L. lundbecki Topsent, 1913
 Stavanger area, Spitsbergen, Britain, Arctic, in 95-384 m.

L. sophia (Fristedt, 1887)
 = *Esperia sophia* Fristedt, 1887
 off S Iceland, E Greenland, Barents Sea, Spitsbergen, off Morocco, in 165-2089 m.

L. stipitata (Arnesen, 1903)
 Stavanger area, Nordland, off N Faeroes, between Shetlands & Norway, Iceland, off NE Iceland, in 503-1783 m.

L. vicina Lundbeck, 1905
 S Denmark Strait

Leptolabis Topsent, 1904
 = *Clinolabis* Topsent, 1927
 = *Labisophilata* de Laubenfels, 1936
 = *Marcusoldia* de Laubenfels, 1936
 * Correct family placement? or in Hymedesmiidae?

L. assimilis Lundbeck, 1910
 off W Faeroes

L. luciensis (Topsent,1888)
= *Dendoryx luciensis* Topsent,1888 (TM)
Britain, Roscoff

L. pustula (Fristedt,1887)
= *Esperia pustula* Fristedt,1887
Väderö-Koster Channel system

Tedanidae Ridley & Dendy,1886

Tedania J.E. Gray,1867 (TM *Reniera digitata* O. Schmidt,1862 (= *Halichondria anhelans* Lieberkühn,1859))
= *Trachytetania* Ridley,1881 (used as subgenus) (TM *Trachytetania spinata* Ridley,1881)
= *Tedaniopsis* Dendy,1924 (used as subgenus) (TM *Tedaniopsis turbinata* Dendy,1924)
= *Paratedania* Burton,1929
= *Oxytedania* Sarà,1978

T. suctoria O. Schmidt,1870
Stavanger - Troms, Barents Sea, Spitsbergen, Iceland, Faeroes, off SW Iceland, between Shetlands & Faeroes & Iceland, Denmark Strait, Azores, Cape Verde

Myxillidae Topsent,1928
= **Desmacidonidae** J.E. Gray
= **Esperiopsidae** Hentschel

Myxilla O. Schmidt,1862
= *Dendoryx* J.E. Gray,1867
= *Emplocus* Gray, 1867
= *Tereus* J.E. Gray,1867
= *Stegxella* Bowerbank,1874
= *Hasitatus* Vosmaer,1880
= *Stelodoryx* Topsent,1904 (used as subgenus) (TM *Stelodoryx procera* Topsent,1904)
= *Ectomyxilla* Lundbeck,1909 (used as subgenus) (TM *Ectomyxilla kerguelensis* Hentschel,1914)
= *Crellomyxilla* Dendy,1924
= *Burtonanchora* de Laubenfels,1936 (used as subgenus) (TM *Myxilla crucifera* Wilson,1925)
= *Pseudomyxilla* Koltun,1955 (TM *P. vitiazi* Koltun,1955 - Bering & Okhotsk Sea)
= *Styloptilon* Cabioch,1968 (used as subgenus)

M. (Styloptilon) ancoratum (Cabioch,1968)
= *Styloptilon ancoratum* Cabioch,1968 (TM of *Styloptilon* Cabioch,1968)
Roscoff

M. brunnea Armauer Hansen,1885
= *Myxilla hastatipiculata* Svarchevskii,1906
Troms, off N & E Iceland, Denmark Strait, Barents Sea, Bear Island, Spitsbergen, between Spitsbergen & Norway, Kara Sea, Davis Strait, in 20-300 m.

M. diversiancorata Lundbeck,1905
Denmark Strait

M. fibrosa Levinsen,1893
* May be a synonym of *M. rosacea* ?
Kattegatt

M. fimbriata (Bowerbank,1864)
= *Halichondria fimbriata* Bowerbank,1861 (nomen nudum?)
= *Isodictya fimbriata* Bowerbank,1864
= *Halichondria dickiei* Bowerbank,1866
= *Halichondria granulata* Bowerbank,1866
= *Isodictya lurida* Bowerbank,1866
Bohuslän archipelago in 35-200m, British Isles, Shetlands, Faeroes, Iceland, off W & SW Iceland, Jan Mayen, Egersund - Trondheimsfjorden - Troms, Roscoff, Barents Sea, in 37-582 m.

M. (Stelodoryx) flabellata (Koltun,1959)
= *Stelodoryx flabellata* Koltun,1959
Kara Sea, Greenland Sea - deeper than 2300 m.

M. inaequitornota Burton,1931
Bergen - Nordland

M. iotrochotina (Topsent,1892)
Atlantic, Gibraltar, Mediterranean

M. incrustans (Esper,1805)
= *Alcyonium incrustans* Esper,1805
= *Halichondria incrustans* : Johnston,1842
= *Halichondria saburrata* Johnston,1842
= *Myxilla barentsi* Vosmaer,1885
= *Myxilla lacumosa* Lambe,1892
= *Myxilla behringensis* Lambe,1894
= *Myxilla flexitornota* Rezvoj,1925
= *Myxilla gigas* Svarchevskii,1906
= *Myxilla iophonioides* Svarchevskii,1906
Øresund-Bohuslän in 12-50m, Bergen - Varangerfjorden, Helgoland, Roscoff, Br. Isles, Orkneys, Shetlands, Hebrides, Ireland, Faeroes, Iceland, Jan Mayen, Bear Island, Spitsbergen, White Sea, Bay of Biscay, E Greenland, Mediterranean, Cosmopolitan, intertidal - 2540 m.

M. pedunculata Lundbeck,1905
between Faeroes & Iceland, off S Jan Mayen, Kara Sea, in 28-1073 m.

M. perspinosa Lundbeck,1905
Britain, Spitsbergen, Jan Mayen

M. (Stelodoryx) pluridentata Lundbeck,1905
Iceland, Falkland Islands, in 37-227 m.

M. (Myxilla) rosacea (Lieberkühn,1859)
= *Halichondria rosacea* Lieberkühn,1859 (TM)
Lofoten area, Spitsbergen, British Isles, Ireland, Roscoff, Faeroes, N Spain, Mediterranean, Azores, Cosmopolitan

M. cf. rosacea
* Presented under this name in Stone & al.,1984
British Isles (Strangford Lough on *Modiolus modiolus*)
(A similar species possibly exists in Swedish waters)

Melonanchora Carter,1874

M. elliptica Carter,1874 (TM)
Stavanger - Lofoten, between Scotland & Faeroes, Faeroes, Iceland, E Greenland, Denmark Strait, Azores, in 106-385 m.

M. emphysema (O. Schmidt,1875)
Säcken, Skagerrak - W & N Norway, Spitsbergen, off SW Iceland, Denmark Strait

Hymetrochota Topsent,1904

= *Iotroata* de Laubenfels,1936 (TM *Iotroata acanthostylifera* Stephens,1916)
= *Iotaota* de Laubenfels,1936
= *Hymetrochota* Burton,1930

H. topsenti (Burton,1930)
= *Hymetrochota topsenti* Burton,1930
Stavanger area

Iotrochota Ridley,1884 (TM *I. bacculifera* Ridley,1884)
= *Hiattrochota* de Laubenfels,1950
= *Iotrochostyla* de Laubenfels,1954

I. abyssi (Carter,1874)
Stavanger area - Troms, NW Shetlands, off SE Iceland

I. acanthostylifera Stephens,1916
Ireland

I. affinis Lundbeck,1905
E Greenland (ca 70° N)

I. intermedia Lundbeck,1905
between Faeroes & Iceland

I. oxeata Lundbeck,1905
off E Faeroes, Denmark Strait

I. polydentata Lundbeck,1905
Faeroes, N Iceland, between Madeira & Portugal

I. rotulancora Lundbeck,1905
= *I. dubia* Lundbeck,1905 (synonymy established by Koltun 1959)
Spitsbergen, E Greenland (ca 70° N), W Barents Sea, Denmark Strait, in 90-342 m.

I. spinosa Lundbeck,1905
off SE Jan Mayen (deep water)

I. varidens Lundbeck,1905
off S Faeroes, Denmark Strait

Amphilectus Vosmaer,1880

A. fucorum (Esper,1794)
= *Isodictya fucorum* : Bowerbank,1866
= *Isodictya edwardii* Bowerbank,1866
= *Isodictya normani* Bowerbank,1866
= *Isodictya gracilis* Bowerbank,1866 (TM)
= *Isodictya uniformis* Bowerbank,1866
Øresund-Bohuslän, Skagerrak, Faeroes, Iceland, Arctic, British Isles, Ireland, Roscoff

A. strongylatus Alander,1942
Säcken, Väderö Channel

Plocamiancora Topsent,1927
* Correct family? or Anchionidae?

P. arndti Alander,1942
Skagerrak, Väderö Channel, W Scotland

Hymenancora Lundbeck,1910 (TM *Leptosia umbellifera* Topsent,1904)

H. conjungens Lundbeck,1910
Väderöarna, off S Iceland

H. duplicata Lundbeck,1910
Denmark Strait

H. interjecta Lundbeck,1910
off S Iceland, Denmark Strait

H. tenuisclera Lundbeck,1910
Säcken coral reef, Trondheimsfjorden, between Norway & Faeroes, off W Faeroes, off S & E Iceland

Homoeodictya Ehlers,1870
= *Neoesperiopsis* de Laubenfels,1949
= *Platychalina* Ehlers,1870
= *Textiliforma* de Laubenfels,1936

H. flabelliformis (Armauer Hansen,1885)
= *Myxilla flabelliformis* Armauer Hansen,1885
= *Platychalina* (Ehlers,1870) *flabelliformis* (Armauer Hansen,1885)
= *Desmacidon clavellata* : Arnesen,1903
= *Homoeodictya* (Ehlers,1870) *flabelliformis* : Lundbeck,1905
Bergen, Trondheimsfjorden, off W Spitsbergen, Iceland, off SW & SE Iceland, off NE Faeroes, Barents Sea, Spitsbergen, in 56-1097 m.

H. palmata (Ellis & Solander,1786)
= *Spongia palmata* Ellis & Solander,1786
= *Spongia digitata* Esper,1797 (TM)
= *Halichondria palmata* : Johnston,1842
= *Platychalina palmata* : (Johnston,1842)
= *Isodictya palmata* : Bowerbank,1866
= *Pachychalina compressa* O. Schmidt,1870
= *Veluspa polymorpha* var. *arctica* Miklukho Maklaj,1870
= *Homoeodictya digitata* Ehlers,1870
= *Homoeodictya* (Ehlers,1870) *palmata* : Lundbeck,1905
= *Chalina palmata* : Carter,1882
= *Pachychalina schmidtii* Lundbeck,1902
= *Pachychalina excelsa* O. Schmidt,1870
* Closely related to the North Pacific species *Esperiopsis digitata* (Miklukho-Maklaj,1870) (= *Veluspa polymorpha digitata* Miklukho-Maklaj,1870) according to Smecher
Hanstholm, Skagerrak, Bergen, Trondheimsfjorden - NE Norway, N & E Britain, Ireland, Shetlands, Orkneys, Faeroes, Iceland, ?Spitsbergen, White Sea, Kara Sea, Barents Sea, Netherlands, France, Mediterranean, in 9-104 m.

Paresperia Burton,1930
* belongs to Myxillidae according to van Soest & Stone,1986

P. intermedia Burton,1930
Norway, Britain

Isodictya Bowerbank,1858 (TM *Spongia palmata* de Lamarck,1814)

I. paupercula Bowerbank,1882
Ireland

I. nodosa Bowerbank,1882
Ireland

Corybas J.E. Gray, 1867 (p.p.), non Westwood, ex Boissduval MS, in Doubleday & Westwood, 1850 (Lepidoptera)

? *lobata* (Montagu, 1818)
 = *Isodictya lobata* : Bowerbank, 1866
 = *Corybas lobata* : J.E. Gray, 1867
 = *Chalinula ovulum* O. Schmidt, 1870
 = *Esperia lanugo* O. Schmidt, 1875
 = *Esperia stolonifera* Merezchkovskii, 1879
 = *Esperella modesta* Lambe, 1894
 * Temporary nongeneric placement, awaiting a genus name to supersede *Corybas* J.E. Gray, 1867, non Westwood, ex Boissduval MS, in Doubleday & Westwood, 1850 (Lepidoptera). Will possibly be moved to *Esperiopsinae*.
 Kieler Bucht-Kattegatt- Bohuslän, Skagerrak - Lofoten, Faeroes, Iceland, Spitsbergen, White Sea, British Isles, intertidal - 235 m.

Crambe Vosmaer, 1880

Pachychalina O. Schmidt, 1868

* Correct family? Synonymized with another genus?

P. fracta Hentschel, 1929
 Spitsbergen

Hymedesmiidae Topsent, 1928

Hymedesmia Bowerbank, 1862
 = *Sclerilla* O. Schmidt, 1868
 = *Holorodesmia* Topsent, 1928
 = *Hymenamphiastrea* de Laubenfels, 1930
 = *Ferrerhermandezia* de Laubenfels, 1936
 = *Hymoxenia* Alander, 1938
 = *Quindesmia* de Laubenfels, 1950
 = *Hymedesanisochela* Bakus, 1966

H. aenigma Lundbeck, 1910
 Denmark Strait

H. areolata Thiele, 1905
 Ireland

H. armiger (Bowerbank, 1882)
 = *Hymeniacion armiger* Bowerbank, 1882
 Ireland

H. baculifera (Topsent, 1901)
 Bergen, off E Faeroes, off S Iceland, Britain, Roscoff, Denmark Strait, Mediterranean, Azores

H. bocki Alander, 1942
 = *Esperia peachi* Fristedt, 1885, non *Hymedesmia peachi* Bowerbank, 1888
 Säcken coral reef

H. bowerbanki Lundbeck, 1910
 off W & NW Iceland

H. bractea Lundbeck, 1910
 Koster area, Gullmarfjord, Säcken, Skagerrak, Denmark Strait

H. brondstedi Burton, 1930
 = *Hymeniacion dujardini* Bowerbank, 1866, non *Halisarca d.* Carter
 British Isles, Ireland, Roscoff, Bay of Biscay, Azores, Mediterranean

H. chlorosa Alander, 1942
 Skagerrak in ca 400m

H. clavigera Lundbeck, 1910
 Skagerrak in 540m, Stavanger, Denmark Strait

H. consanguinea Lundbeck, 1910
 Denmark Strait

H. (Holorodesmia) Topsent, 1928 cordichela Alander, 1942
 Väderöarna on *Lophelia*

H. coronula (Bowerbank, 1874)
 Stavanger, Shetlands, Arctic

H. crux (O. Schmidt, 1875)
 Stavanger - Lofoten, off W Faeroes, Britain, off W & NW Iceland, ?White Sea

H. cultrisigma Lundbeck, 1910
 off SW Iceland

H. curvichela Lundbeck, 1910
 Skagerrak, Ramsö in 100-200m, Britain, off E & W Faeroes, off SW Ireland, off W & NW Iceland

H. derjugini (Breitfuss, 1912)
 Spitsbergen

H. digitata Lundbeck, 1910
 Skagerrak in 400m, Britain, Denmark Strait

H. donsi Alander, 1937
 Skagerrak in 200-300m, Trondheimsfjord

H. dubia Lundbeck, 1910
 Skagerrak in 400m, off E Faeroes

H. ebria Alander, 1937
 Trondheimsfjorden

H. filifera (O. Schmidt, 1875)
 Skagerrak in 400m, Bergen, Faeroes, Denmark Strait

H. gisleni Alander, 1942
 Skagerrak in ca 400m

H. grandis Lundbeck, 1910
 off SW Iceland, Denmark Strait

H. gunhildae Alander, 1942
 Säcken & Väderö coral reefs, Skagerrak

H. gustafsoni Alander, 1942
 Säcken coral reef

H. helgae Stephens, 1916
 Ireland

H. hibernica Stephens, 1916

British Isles, Roscoff

H. inflata (Alander, 1938)
 = *Hymoxenia inflata* Alander, 1938
 Trondheimsfjorden

H. irregularis Lundbeck, 1910
 Faeroes, off W & NW Iceland, Denmark Strait

H. jecusculum (Bowerbank, 1866)
 Br. Isles

H. koehleri (Topsent, 1896)
 = *Leptosia koehleri* Topsent, 1896
 Koster Channel, Säcken coral reef, off E Faeroes, between Faeroes & Iceland, Denmark Strait, Bay of Biscay, Azores

H. lacera Lundbeck, 1910
 off S Jan Mayen, E Greenland

H. laevistylus Lundbeck, 1910
 Denmark Strait

H. lamina Lundbeck, 1910
 Säcken coral reef, Skagerrak, Faeroes, E Greenland

H. latrunculioides Lundbeck, 1910
 off W Iceland, Denmark Strait

H. lenta Descatoire, 1966
 Britain

H. levis Lundbeck, 1910
 off E Faeroes, off W Iceland, Denmark Strait

H. lieberkuhni Burton, 1930
 = *Halichondria fasciculata* Lieberkuhn, 1859, non *Spongia fasciculata* Pallas, 1766
 NE Atlantic

H. longistylus Lundbeck, 1910
 Trondheimsfjorden, off W Faeroes, off S Iceland, off Azores

H. longiurus Lundbeck, 1910
 Skagerrak, SE & N Iceland, Davis Strait

H. macrosigma Lundbeck, 1910
 off S Iceland, Denmark Strait

H. mamillaris (Fristedt, 1885)
 = *Hastatus mamillaris* Fristedt, 1885
 Bohuslän in 30-50m - Bergen, Spitsbergen, Arctic

H. microchela Alander, 1942
 Säcken coral reef

H. minuta Alander, 1935
 Gullmarfjord, Koster area, Säcken coral reef, Skagerrak

H. mollis Lundbeck, 1910
 Skagerrak in 200-300m, W Norway, off W Faeroes, off S Iceland, Denmark Strait

H. mucronata (Topsent, 1904)
 Britain, Atlantic France

H. mutabilis (Topsent, 1904)
 Britain, Atlantic France

H. norvegica Thiele, 1903
 Stavanger, abyssal Arctic bassin

H. nummulus Lundbeck, 1910
 Britain, off W & NW Iceland

H. occulta Bowerbank, 1869
 Roscoff, Scotland, Shetlands, between Faeroes & Iceland, off S Iceland, Denmark Strait, Azores, abyssal Arctic bassin

H. pansa Bowerbank, 1882
 Ireland, Roscoff

H. paupertas (Bowerbank, 1866)
 = *Hymeniacion paupertas* Bowerbank, 1866
 = *Anchinoe paupertas* (Bowerbank, 1866)
 Koster area in 85-200m, Skagerrak, Stavanger, Bergen, British Isles, Ireland, Roscoff

H. peachi Bowerbank, 1882
 Roscoff, E Scotland

H. pennata Brøndsted, 1932
 Faeroes

H. perforata Lundbeck, 1910
 Väderö-Koster Channel system in 65-200m, Stavanger, Trondheimsfjorden, N Norway, off S Iceland, Denmark Strait, between Faeroes & Iceland

H. pilata Bowerbank, 1882
 Ireland

H. planca Lundbeck, 1910
 Trondheimsfjorden, off E Faeroes, off NW Iceland, Denmark Strait

H. platychela Lundbeck, 1910
 Denmark Strait

H. poicilacantha Alander, 1942
 Skagerrak in ca 400m

H. primitiva Lundbeck, 1910
 = *Stylopus primitivus* (Lundbeck, 1910)
 Skagerrak, Säcken coral reef, Singlefjord, off E Faeroes, between Faeroes & Iceland, Denmark Strait, Br. Isles

H. procumbens Lundbeck, 1910
 Säcken coral reef, off S Iceland, Denmark Strait

H. proteida (O. Schmidt, 1868)
 = *Hymedesmia similima* Lundbeck, 1910
 Skagerrak in 100-200m, off E Faeroes, off S & W Iceland, Denmark Strait, Adriatic Sea

H. proxima Lundbeck, 1910
 Skagerrak, Stavanger, off W Iceland

- H. pugio* Lundbeck,1910
off NW Iceland
- H. radiata* Bowerbank,1866
British Isles
- H. rugosa* Lundbeck,1910
Stavanger, Denmark Strait
- H. similis* Lundbeck,1910
* Stephens,1921, suggest that this may be a synonyme of *H. paupertas* .
Bohuslän in 65-200m, Stavanger, Trondheimsfjorden, Scotland, off E Faeroes, off S Iceland, Denmark Strait, abyssal Arctic bassin
- H. spinosa* Stephens,1916
Ireland
- H. splenium* Lundbeck,1910
off N Iceland, abyssal Arctic bassin
- H. stephensi* Burton,1930
* A possible synonym of *Spanioplion armaturum* (Bowerbank)
Br. Isles
- H. storea* Lundbeck,1910
Skagerrak in 400m, off N & NE Iceland
- H. stylata* Lundbeck,1910
between Jan Mayen & Iceland, abyssal Arctic bassin
- H. tenuicula* Lundbeck,1910
non = *H. tenuicula* Bowerbank,1882 (a synonym of *Terpios fugax* Duchassaing de Fombressin & Michelotti,1864)
Säcken coral reef, Skagerrak, off E & W Faeroes, Denmark Strait
- H. tenuisigma* Lundbeck,1910
Skagerrak in 400m, W Ireland, off W & NW Iceland
- H. thielei* Alander,1942
* Sibling *Hymedesmia mamillaris*
Koster Channel-Säcken and Skagerrak in 100-400m, Stavanger
- H. trichoma* Lundbeck,1910
off W Iceland
- H. truncata* Lundbeck,1910
Skagerrak in 400m, Faeroes, off N Iceland, Denmark Strait, E Greenland, Spitsbergen, between Spitsbergen & Franz Josefs Land, off SW Ireland
- H. veneta* (O. Schmidt,1862)
Britain
- H. verrucosa* Lundbeck,1910
Mouth of Gullmarfjord in ca 40m, off S Iceland, Denmark Strait
- H. versicolor* (Topsent,1893)
Britain
- H. zetlandica* Bowerbank,1862 (TM)
Shetlands
- Stylopus* Fristedt,1885
= *Leptosia sensu* Topsent,1892
- S. aceratus* (Topsent,1904)
Koster channel, Väderöfjord, Säcken, Skagerrak
- S. aequatus* (Lundbeck,1910)
Väderö coral reef, Greenland
- S. coriaceus* Fristedt,1885 (TM)
Kattegatt-Bohuslän in 25-90m, Skagerrak, Bergen - Trondheimsfjorden, Faeroes, Iceland, E Greenland
- S. dermatus* (Lundbeck,1910)
= *Hymedesmia dermatata* Lundbeck,1910
Skagerrak in 100-400m, Spitsbergen, off W Faeroes, E Greenland
- S. longurius* (Lundbeck,1910)
Skagerrak, Gullmarfjord in 20-45m, Iceland
- S. mucronellus* (Lundbeck,1910)
= *Hymedesmia mucronella* Lundbeck,1910
Skagerrak in ca 400m, Bergen, E Greenland
- S. odhneri* Alander,1942
Säcken coral reef
- S. stylifer* Alander,1942
= *Hymedesmia stylifera* (Alander,1942)
Skagerrak in ca 400m, Säcken coral reef
- S. tornotatus* (Lundbeck,1910)
Faeroes, off SW Iceland, Denmark Strait
- Spanioplion* Topsent,1890
= *Acanthoxa* Hentschel,1914
- S. armaturum* (Bowerbank,1866)
= *Hymeniacion armatura* Bowerbank,1866 (TM)
Bergen, Roscoff, Br. Isles, Ireland
- Spirorhabdia* Topsent,1918
- S. vidua* (O. Schmidt,1875)
Bergen
- Discorhabdella* Dendy,1924 (TM D. *incrustans* Dendy,1924 - Indo-Pacific)
- Crellidae Hentschel,1923
- Crella* O. Schmidt,1862
= *Cribrella* O. Schmidt,1862, non Agassiz,1836 (Echinodermata)
= *Crella* J.E. Gray,1867
= *Pytheas* Topsent,1890
= *Aaaba* de Laubenfels,1936
= *Crellinspira* de Laubenfels,1936
= *Grella* de Laubenfels,1936
= *Ramosichela* de Laubenfels,1950
= *Crelluxea* Hechtel,1983
- C. basispinosa* Burton,1931
- Skagerrak in 400m, Østfold-Lofoten
- C. digitifera* (Lévi,1959)
= *Pytheas digitifera* Lévi,1959
Roscoff
- C. donsi* Burton,1931
Trondheimsfjorden
- C. elegans* (O. Schmidt,1862)
= *Cribrella elegans* O. Schmidt,1862 (TM)
Helgoland, Britain, Mediterranean
- C. jaegerskioldi* Alander,1937
Trondheimsfjorden
- C. polymastia* (Thiele,1903)
W Norway, Britain
- C. rosea* (Topsent,1892)
= *Yvesia rosea* Topsent,1892
= *Pytheas rosea* (Topsent,1892)
British Isles, Roscoff, Belgium, Bergen, Mediterranean
- C. schottlaenderi* (Arndt,1913)
= *Cometella pyrula* Fristedt,1887
* a common species
Koster area, W Norway
- Grayella* Carter,1869
- G. akraleitae* Brøndstedt,1932
Skagerrak in 400m, Faeroes
- G. gelida* Lundbeck,1910
off S Jan Mayen
- G. pyrula* (Carter,1876)
= *Sclerilla arctica* Armauer Hansen,1885
= *Sclerilla dura* Armauer Hansen,1885
= *Yvesia lobata* Arnesen,1903
non = *Cometella pyrula* Fristedt,1887
Skagerrak in 400m, W Norway, British Isles, off NNW Orkneys, off S Faeroes, between Faeroes & Iceland, Iceland, Denmark Strait, Spitsbergen, Barents Sea, Spain, Azores
- Crellomima* Rezvoi,1925
= *Damonilla* de Laubenfels,1936
- C. derma* Hentschel,1929
Faeroes, Spitsbergen, Arctic Seas
- C. imparidens* Rezvoi,1925 (TM)
Skagerrak in 400m, Spitsbergen, White Sea
- C. incrustans* Hentschel,1929
Norw. Sea, Spitsbergen
- Yvesia* Topsent,1890
= *Pytheilla* de Laubenfels,1936
= *Tisrone* de Laubenfels,1936;
= *Yvestiella* de Laubenfels,1936
= *Yvestiorbas* de Laubenfels,1936
- Y. albula* (Bowerbank,1864)
= *Halichondria albula* Bowerbank,1864 (TM)
= *Myxilla exigua* Armauer Hansen,1885
Norway, Shetlands
- Y. carnosia* Topsent,1904
Denmark Strait, off W Iceland, off Azores
- Y. gracilis* Alander,1942
Säcken coral reef
- Anchinoidae Topsent,1928
= Phorbasiidae de Laubenfels
- Phorbis* Duchassaing de Fombressin & Michelotti,1864 (TM *Phorbis amaranthus* Duchassaing de Fombressin & Michelotti,1864)
= *Anchinoe* J.E. Gray,1867
= *Clathrissa* von Lendenfeld,1888
= *Grayax* de Laubenfels,1936
= *Lissopocillon* Ferrer-Hernandez,1916
= *Merriamium* de Laubenfels,1936
= *Plumohalichondria* Carter,1876
= *Suberotelites* O. Schmidt,1868
- P. fictitius* (Bowerbank,1866)
= *Microcionia fictitia* Bowerbank,1866
= *Hymedesmia fictitius* (Bowerbank,1866)
* Sibling *Hymedesmia mamillaris*
Mouth of Gullmarfjord in 25-35m, Bergen, British coasts, Roscoff, Spain, Mediterranean
- P. neptuni* (O. Schmidt,1875)
W Norway, Between Scotland and the Faeroes
- P. perarmatus* (Bowerbank,1866)
= *Plumohalichondria neptuni* : Thiele,1903, ?non (O. Schmidt,1875)
= *Anchinoe arneseni* Topsent,1913
Bergen area, Lofoten, Shetlands, Iceland
- P. roemeri* (Hentschel,1929)
= *Anchinoe roemeri* Hentschel,1929
Spitsbergen
- Plocamionida* Topsent,1927
= *Hymendectyon* Bakus,1966
- P. ambigua* (Bowerbank,1866)
= *Microcionia ambigua* Bowerbank,1866 (TM)
= *Plocamia ambigua* : Auctt.
= *Plocamia ambigua* f. *tornota* Brøndstedt,1932
* A common species in Scandinavia
Bohuslän, Skagerrak, Bergen, Stavanger, Trondheimsfjorden, Troms, Shetlands, Faeroes, Iceland, Spitsbergen, White Sea, British Isles, Roscoff, Portugal, Azores
- P. microcionides* (Carter,1876)
Skagerrak, Säcken coral reef
- P. tylotata* (Brøndstedt,1932)
= *Plocamia ambigua* f. *tylotata* Brøndstedt,1932
Skagerrak, Gullmarfjord, Säcken coral reef, Faeroes

- P. grandichelata* (Brøndstedt,1932)
= *Plocamia ambigua* f. *grandichelata* Brøndstedt,1932
Skagerrak in ca 400m, Faeroes
- Plocamia* O. Schmidt,1870
* Correct family?. Synonymized with another genus?
- P. lundbecki* (Breitfuss,1912)
Spitsbergen
- Dendoricella* Lundbeck,1905
- D. rhopalum* Lundbeck,1905
Denmark Strait
- D. obesichela* Lundbeck,1905
off SW Iceland
- Stylostichon* Topsent,1892
= *Pronax* J.E. Gray,1867 (p. 536), non = *Pronax* J.E. Gray,1867, p. 526
- S. bihamigera* (Waller,1878)
= *Phorbas bihamigera* (Waller,1878)
NE Atlantic
- S. dendyi* (Topsent,1892)
= *Phorbas dendyi* (Topsent,1892)
Spitsbergen, Stavanger - Troms, off Iceland, E Greenland, between Bear Island & Norway,
SW Ireland, Azores
- S. dives* (Topsent,1891)
= *Phorbas dives* (Topsent,1891)
Roscoff
- S. microcheliferum* Cabioch,1968
= *Phorbas microcheliferum* (Cabioch,1968)
Roscoff
- S. microcionides* (Carter,1876)
= *Phorbas microcionides* (Carter,1876)
* Is this not the same species as *Plocamionida microcionides* (Carter,1876)?
Britain
- S. plumosum* (Montagu,1818)
= *Phorbas plumosum* (Montagu,1818)
Norway, British Isles, Roscoff, Ireland
- Phoriospongiidae* von Lendenfeld,1888
= *Collosclerophoridae* Dendy
- Hemimycalae* Burton,1934
- H. columella* (Bowerbank,1874)
= *Syrotella columella* (Bowerbank,1874)
Gullmarfjord area, Väderö Channel, Skagerrak, Roscoff, Br. Isles
- Batzella* Topsent,1894
= *Collosclerophora* Dendy,1917
* Correct family? or Desmacididae?
- B. inops* (Topsent,1891)
= *Halichondria inops* Topsent,1891 (TM)
Roscoff
- Psammoclema* Marshall,1880 (TM *Psammoclema ramosum* Marshall,1880)
= *Psammopemma* Marshall,1880
= *Sarcocornea* Carter,1885
- P. finmarchicum* (Hentschel,1929)
= *Psammopemma finmarchica* Hentschel,1929
Stavanger - Trondheimsfjorden - Troms, Jan Mayen, off SW Iceland
- MICROCIONINA** Hajdu, van Soest & Hooper,1993
- Microcionidae* Carter,1875
= *Clathriidae* von Lendenfeld
= *Ophlitaspongiidae* de Laubenfels
- Clathria* O. Schmidt,1862
- C. (Microcionia* Bowerbank,1862) *acanthotoxa* (Stephens,1916)
Skagerrak, W & SW Ireland, Iceland, W British Isles
- C. (Clathria) anchorata* (Carter,1874)
Skagerrak, Ramsö, Säcken coral reef, off S Iceland, Engl. Channel, off SW Ireland,
Portugal
- C. (Microcionia* Bowerbank,1862) *armata* (Bowerbank,1866)
= *Microcionia armata* Bowerbank,1866
Bohuslän in 25-65m, Bergen, White Sea, Belgium, British Isles, Ireland, Faeroes, Roscoff,
Azores
- C. (Microcionia* Bowerbank,1862) *ascendens* (Cabioch,1968)
= *Microcionia ascendens* Cabioch,1968
Roscoff
- C. (Microcionia* Bowerbank,1862) *atrasanguinea* (Bowerbank,1862)
= *Microcionia atrasanguinea* Bowerbank,1862
British Isles, Roscoff
- C. (Clathria) barleei* (Bowerbank,1866)
= *Isodictya laciniosa* Bowerbank, in Norman,1869 & : Bowerbank,1874
= *Halichondria foliata* Bowerbank,1874
= *Esperia foliata* Fristedt,1885
= *Axinella barleei* : Arndt,1935
= *Artemisia foliata* : Burton,1930
Kattegatt-Bohuslän, Skagerrak, North Sea, E England, W Ireland, Bergen, Shetlands,
Spitsbergen, off SW Iceland, Greenland
- C. (Microcionia* Bowerbank,1862) *basifixa* (Topsent,1913)
= *Ophlitaspongia basifixa* Topsent,1913
Bergen on *Lophelia* - Troms, in 100-150 m
- C. (Microcionia* Bowerbank,1862) *bitoxa* (Burton,1930)
= *Hymantho bitoxa* Burton,1930
= *Microcionia laevis* Fristedt,1887, non Bowerbank,1866
Väderö Channel on *Lophelia*, Säcken
- C. (Clathria) coralloides* (Olivi,1792)
Britain
- C. (Microcionia* Bowerbank,1862) *ctenichela* (Alander,1942)
Säcken coral reef, Bergen
- C. (Microcionia* Bowerbank,1862) *dianae* (O. Schmidt,1875)
Norway (Haugesund)
- C. (Microcionia* Bowerbank,1862) *ditoxa* (Stephens,1916)
Ireland
- C. (Microcionia* Bowerbank,1862) *elliptichela* (Alander,1942)
Skagerrak in 400m, Ireland
- C. (Microcionia* Bowerbank,1862) *fallax* (Bowerbank,1866)
= *Microcionia fallax* Bowerbank,1866
Br. Isles
- C. (Microcionia* Bowerbank,1862) *gradalis* (Topsent,1925)
Roscoff
- C. (Microcionia* Bowerbank,1862) *laevis* (Bowerbank,1866)
= *Hymantho laevis* (Bowerbank,1866)
= *Microcionia laevis* Bowerbank,1866
Bohuslän in 30-70m, Skagerrak, Shetlands, off S Iceland
- C. (Microcionia* Bowerbank,1862) *macrochela* (Lévi,1960)
= *Microcionia macrochela* Lévi,1960
Roscoff
- C. (Microcionia* Bowerbank,1862) *microchela* (Stephens,1916)
Ireland
- C. (Microcionia* Bowerbank,1862) *normani* (Burton,1930)
= *Hymantho normani* Burton,1930
Norway
- C. (Microcionia* Bowerbank,1862) *osismica* (Cabioch,1968)
= *Microcionia osismica* Cabioch,1968
Roscoff
- C. (Microcionia* Bowerbank,1862) *primitiva* (Koltun,1956)
= *Microcionia primitiva* Koltun,1956
off SW Iceland, Sea of Okhotsk
- C. (Clathria) robusta* Koltun,1959
Spitsbergen
- C. (Microcionia* Bowerbank,1862) *spinarcus* (Carter & Hope,1889)
= *Microcionia spinarcus* Carter & Hope,1889
British Isles, Roscoff, Spain
- C. (Microcionia* Bowerbank,1862) *strepstoxa* (Hope,1889)
= *Microcionia strepsitoxa* Hope,1889
Säcken coral reef, Roscoff, Br. Isles
- C. (Microcionia* Bowerbank,1862) *tenuissima* (Stephens,1916)
Ireland
- C. (Microcionia* Bowerbank,1862) *toximajor* (Topsent,1925)
Atlantic France
- C. (Microcionia* Bowerbank,1862) *toxitenus* (Topsent,1925)
Roscoff
- C. sp. A*
= Stone & al.,1984, list *Microcionia* sp. A from the British Isles
W Ireland
- Artemisina* Vosmaer,1885
?= *Rhaphidophilus* Ehlers,1870
- A. apollinis* (Ridley & Dendy,1887)
Spitsbergen, Norw Sea, E Greenland, Kerguelen
- A. arciger* (O. Schmidt,1870)
= *Artemisina suberitoides* Vosmaer,1885 (TM)
Sweden, Bergen area, Trondhimsfjorden, Lofoten, N Norway, Shetlands, British Isles,
Iceland, E Greenland, between Faeroes & Iceland, Bear Island, Jan Mayen, Spitsbergen,
Barents Sea
- A. transiens* Topsent,1892
Atlantic France
- A. hispanica* Ferrer-Hernandez,1919
* Possibly a synonym of *A. transiens* Topsent
Britain, Spain
- Ophlitaspongia* Bowerbank,1866
- O. hjorti* (Arnesen,1920)
= *Echinoclathria hjorti* Arnesen,1920
Iceland, Gran Canary
- O. papilla* Bowerbank,1866
= *O. seriata* : Auctt., non (Grant,1826) (Grant's *Spongia seriata* is now considered a
synonym of *Halichondria panicea*)
?Shetlands, SW British Isles (northwards to Skye & Harris, eastwards to Portland Bill),
Ireland, Wimereux, Pas de Calais, Roscoff, Portugal, Canaries
- O. kildensis* Howson & Chambers,1999
N & SW Ireland, off W Hebrides
- Antho* J.E. Gray,1867
?= *Plocamilla* Topsent,1928
- A. brattegardii* van Soest & Stone,1986
Bergen
- A. circonflexa* (Lévi,1960)
= *Plocamilla circonflexa* Lévi,1960
Bretagne
- A. coriacea* (Bowerbank,1866)
= *Plocamilla coriacea* (Bowerbank,1866)
British Isles, Ireland, Iceland
- A. dichotoma* (Esper,1794)
= *Dictyoclathria dichotoma* (Esper,1794)
= *Raspailia abyssorum* (Carter,1876) : Fristedt,1885
Bohuslän, Skagerrak - W Norway - Lofoten, North Sea, British Isles
- A. erecta* (Ferrer-Hernandez,1921)

NE Atlantic

A. inconstans Topsent, 1925
Britain

A. involvens (O. Schmidt, 1864)
= *Myxilla involvens* O. Schmidt, 1864
= *Isodictya beanii* Bowerbank, 1866
British Isles, Roscoff, Mediterranean

Rhabderemiidae Topsent, 1928

Rhabderemia Topsent, 1890
= *Rhabdosigma* Hallmann, 1916
= *Nisibaris* de Laubenfels, 1936
= *Hallmannia* Burton, 1930 (p.p.)

R. guernei Topsent, 1890
Engl. Channel

R. minutula (Carter, 1876)
= *Microciona pusilla* Carter, 1876 (TM)
Roscoff

Raspailiidae Hentschel, 1923
= Euryponidae Topsent

Raspaciona Topsent, 1936

R. aculeata (Johnston, 1842)
= *Halichondria aculeata* Johnston, 1842 (TM)
= *Raspailia aculeata* (Johnston, 1842)
E England, Mediterranean

Raspailia Nardo, 1833, emend. Agassiz, 1846
= *Raspelia* Nardo, 1833
= *Raspaila* Nardo, 1847
= *Dictyocylindrus* Bowerbank, 1858
= *Abila sensu* Gray, 1867
= *Abilana* Strand, 1928
= *Axinecya* Hallmann, 1917
= *Clathriodendron* von Lendenfeld, 1888 (used as subgenus)
= *Dictyocylindrus* Bowerbank, 1859
= *Echinaxia* Hallmann, 1916
= *Parasyringella* Topsent, 1928
= *Raspailopsis* Burton, 1959
= *Raspaxilla* Topsent, 1913 (used as subgenus)
= *Syringella* : Auct. (used as subgenus)
= *Valedictyum* de Laubenfels, 1936
= *Hymeraphiopsis* ? , 1??? (used as subgenus)

R. aculeata (Bowerbank, 1866)
Britain

R. hispida (Montagu, 1818)
= *Dictyocylindrus hispidus* Bowerbank, 1866
British Isles, Ireland, Roscoff

R. howsei (Bowerbank, 1866)
Ireland

R. pumila (Bowerbank, 1866)
* Possibly a synonym of *R. ramosa* (Montagu)
British Isles, Ireland, Netherlands, Roscoff

R. radiosa (Bowerbank, 1866)
British Isles

R. ramosa (Montagu, 1818)
British Isles, Ireland, Roscoff

R. rectangula (Bowerbank, 1874)
British Isles

R. ventilabrum (Bowerbank, 1866)
Britain, Roscoff

R. viminalis O. Schmidt, 1862 (TM)
British Isles

R. virgultosa (Bowerbank, 1866)
Bohuslän, Skagerrak, Lofoten, British Isles, North Sea, Roscoff

Endectyon Topsent, 1920 (TM *Phakellia tenax* O. Schmidt, 1870)
= *Hemectyon* Topsent, 1920
= *Basiectyon* Vacelet, 1961

E. delaubenfelsi Burton, 1930
Britain, Roscoff

E. demonstrans (Topsent, 1892)
Britain

E. teissieri Cabioch, 1968
Roscoff

Eurypon J.E. Gray, 1867
= *Epicles* J.E. Gray, 1867
= *Acantheurypon* Topsent, 1927
= *Tricheurypon* Topsent, 1928
= *Protoraspailla* Burton & Rao, 1932
= *Proraspailla* Lévi, 1958

E. clavatum (Bowerbank, 1866)
= *Hymeraphia clavata* Bowerbank, 1866 (TM)
Skagerrak (Arendal) - Lofoten, Shetlands, Scotland, Iceland, Faeroes, Spitsbergen, Roscoff, Azores

E. clavigera (Bowerbank, 1866)
Br. Isles

E. coronula (Bowerbank, 1869)
= *Epicles coronula* (Bowerbank, 1874)
Skagerrak, Mouth of Gullmarfjord, Roscoff

E. ditoxa Stephens, 1921
off SW Iceland, off SW Ireland

E. lacazei (Topsent, 1891)
= *Hymeraphia lacazei* Topsent, 1891
Roscoff

E. major Sarà & Siribelli, 1960
British Isles, Roscoff

E. microchela Stephens, 1921
Iceland, off SW Iceland

?*E. pulchella* (Bowerbank, 1882)
= *Hymedesmia pulchella* Bowerbank, 1882
Ireland

E. radiata Bowerbank, 1866
Kattegatt, Mouth of Gullmarfjord

E. scabiosum (Topsent, 1927)
= *Acantheurypon scabiosum* Topsent, 1927
Skagerrak

E. simplex (Bowerbank, 1874)
= *Hymeraphia simplex* Bowerbank, 1874
* May be a synonym of *E. coronula* sensu Alander, 1942
Shetlands, Faeroes, Roscoff

E. spitzbergensis (Fristedt, 1887)
Spitsbergen

E. viride Topsent, 1889
= *Tricheurypon viride* : Auct.
Säcken coral reef, Skagerrak, Bergen

Hymeraphia Bowerbank, 1863
= *Hymeraphia* Bowerbank, 1861 (nom. nud.)
= *Mesapos* J.E. Gray, 1867

H. stellifera Bowerbank, 1863 (TM)
Gullmarfjord, Stavanger, Lofoten, Troms, White Sea, Scotland, Shetlands, Faeroes, Iceland, Ireland, Roscoff

Aulospongos Norman, 1878 (TM *Haliphysema tubulatus* Bowerbank, 1873)
= *Heterectya* Hallmann, 1917
= *Rhaphidectyon* Topsent, 1927
= *Aulospongiella* Burton, 1956
= *Hemectyonilla* Burton, 1959

A. villosus (Thiele, 1898)
off S Iceland, Japan

Echinodictyum Ridley, 1881 (TM *Spongia bilamellata* de Lamarck, 1814, var B)
= *Dictyocylindrus* Carter, 1879 (p.p.)
= *Kalykteron* von Lendenfeld, 1888
= *Kiepileta* de Laubenfels, 1954

E. trunca (Bowerbank, 1882)
= *Isodictya trunca* Bowerbank, 1882
Ireland

Iophonidae Burton, 1929
= Acarnidae Boury-Esnault
= Cornulidae Lévi & Lévi

Iophon J.E. Gray, 1867
= *Menyllus* J.E. Gray, 1867, non Pascoe, 1864

I. cilis ? , 1???
Spitsbergen, Jan Mayen

I. dogieli Koltun, 1955
Iceland, Sea of Okhotsk

I. dubius (Armauer Hansen, 1885)
= *Reniera dubia* Armauer Hansen, 1885
Bergen, NE Norway, around Faeroes, off SE Iceland, between Norway & Spitsbergen, Spitsbergen

I. hyndmani (Bowerbank, 1858)
= *Isodictya hyndmani* Bowerbank, 1858
= *Halichondria hyndmani* Bowerbank, 1866
= *Isodictya implicita* Bowerbank, 1882
= *Iophon ingalli* (Bowerbank, 1866)
* Grows often on tubes of *Tubularia indivisa*.
Bohuslän, British Isles, Ireland, Roscoff

I. piceus (Vosmaer, 1882)
= *I. frigidus* Lundbeck, 1905
Bohuslän, Bergen, Stavanger, Trondheimsfjorden - Nordland, between Faeroes & Iceland, off S Iceland, Denmark Strait, Jan Mayen, Barents Sea, E Greenland, Spitsbergen, White Sea, Kara Sea

I. pommeraniae Thiele, 1903
W Norway

I. spinulentum (Bowerbank, 1866)
Säcken coral reef, Shetlands

I. variopocillatus Alander, 1942
Säcken coral reef

Iophonopsis Dendy, 1924

I. pattersoni (Bowerbank, 1858)
= ? *Halichondria nigricans* Bowerbank, 1858
= *Halichondria scandens* Bowerbank, 1866
= *Halichondria pattersoni* : Bowerbank, 1866, :1874
= *Iophon chelifjer* Ridley & Dendy, 1886
= *Iophon indentatus* Wilson, 1904
= *Burtonella melanokhemia* de Laubenfels, 1928
= *Iophon proximum* Burton, 1932
Koster Channel, Stavanger, Trondheimsfjorden - Troms, British Isles, Ireland, Roscoff

HAPLOSCLERIDA Topsent, 1928

Chalinidae J.E. Gray, 1867 (sensu de Weerdt, 1986)
= Haliclonidae de Laubenfels, 1932
= Adocidae de Laubenfels
= Renieridae O. Schmidt
* What is *Reniera spitzbergensis* Hentschel, 1915 from Spitsbergen?

Haliclona Grant, 1841
= *Chalina* Grant, 1861
= *Asychis* J.E. Gray, 1867, non Kinberg, 1866 (Polychaeta)
= *Diplodemia* Bowerbank, 1862
= *Euchalinopsis* von Lendenfeld, 1887
= *Kallypidion* de Laubenfels, 1954

- = *Katiba* de Laubenfels, 1954
 = *Lessepsia* Keller, 1883
 = *Nara* de Laubenfels, 1954
 = *Neoadocia* de Laubenfels, 1950
 = *Orina* J.E. Gray, 1867, non Agassiz, 1846 (Coleoptera)
 = *Pellinella* Thiele, 1905
 = *Pellinula* Czerniavsky, 1879
 = *Philotia* J.E. Gray, 1867
 = *Prianos* J.E. Gray, 1867
 = *Remiclona* de Laubenfels, 1954
 = *Rhaphisia* Topsent, 1892
 = *Rhizoniera* Griessinger, 1971?
 = *Sigmadocia* de Laubenfels, 1936
 = *Toxadocia* de Laubenfels, 1936
 = *Veluspa* Miklukho-Maklaj, 1870
- H. albescens** (Johnston, 1842)
 = *Halichondria albescens* Johnston, 1842
 * Not noticed in de Weerdt, 1986. Correct family?
 E coast of Britain
- H. angulata** (Bowerbank, 1866)
 = *Orina angulata* (Bowerbank, 1866)
 = *Halichondria angulata* Bowerbank, 1866 (TM of *Orina* J.E. Gray, 1867)
 = *Gellius angulatus* : Auct., non Topsent, 1901, neg : Topsent, 1904, : Lundbeck, 1902, : Koltun, 1959
 = *Isodictya fallax* Bowerbank, 1866
 = *Isodictya indefinita* Bowerbank, 1866
 = *Amorphina connexa* Topsent, 1888
 Shetlands, N France, Guernsey, British Isles, Roscoff, Spain, Mediterranean, Madeira, Azores
- H. calamus** (Lundbeck, 1902)
 = *Remiera calamus* Lundbeck, 1902
 off W & SW Iceland
- H. calyx** (Ridley & Dendy, 1887)
 * Not noticed in de Weerdt, 1986. Correct family?
 Iceland, Azores
- H. cinerea** (Grant, 1826)
 = *Spongia cancellata* : Sowerby, non Linnaeus, 1767, neg de Lamarck, 1813
 = *Spongia cinerea* Grant, 1826
 = *Halichondria cinerea* : Fleming, 1828, : Johnston, 1842
 = *Isodictya cinerea* : Bowerbank, 1866
 = *Halichondria montagui* Fleming, 1828
 = *Chalina montagui* : Bowerbank 1866, 1882
 = *Haliclona montagui* van Soest & al., 1981
 = *Isodictya peachii* Bowerbank, 1866
 = *Isodictya permollis* Bowerbank, 1866 (p.p.)
 = *Isodictya simulo* Bowerbank, 1866
 = *Isodictya varians* Bowerbank, 1866, non Bowerbank, 1874
 = *Isodictya elegans* Bowerbank, 1866
 = *Isodictya pallida* Bowerbank, 1866 (p.p.)
 = *Isodictya mammeata* Bowerbank, 1866
 = *Isodictya dichotoma* Bowerbank, 1866
 = *Isodictya ramusculus* Bowerbank, 1866
 = *Chalina flemingii* Bowerbank, 1866 (p.p.)
 * Jones, 1987 use the name *H. elegans* (Bowerbank, 1866) & treats *H. cinerea* (Grant, 1826) as a nom. nud.
 Shetlands, Britain, Ireland, N & W France, Mediterranean, Azores, Madeira, Senegal
- H. complicata** (Armauer Hansen, 1885)
 = *Remiera complicata* Armauer Hansen, 1885
 * Of uncertain identity. A haplosclerid species?
 Norway
- H. digitata** (Armauer Hansen, 1885)
 = *Remiera digitata* Armauer Hansen, 1885
 * Of uncertain identity. A haplosclerid species?
 N Norway
- H. dubia** (Armauer Hansen, 1885)
 = *Remiera dubia* Armauer Hansen, 1885
 * Of uncertain identity. A haplosclerid species?
 Barents Sea
- H. fayalensis** (Topsent, 1904)
 = *Gellius fayalensis* Topsent, 1904
 * Not noticed in de Weerdt, 1986. Correct family?
 Roscoff
- H. fistulosa** (Bowerbank, 1866)
 = *Isodictya fistulosa* Bowerbank, 1866
 = *Adocia fistulosa* : Arndt, 1935, Lévi, 1950
 = *Remiera fistulosa* : Auct., non Topsent, 1897, neg Desqueyroux-Faundez, 1981
 = *Isodictya mcandrewii* Bowerbank, 1866
 = *Halichondria regularis* Bowerbank, 1874
 Shetlands, Orkneys, Roscoff, British Isles, Ireland, Spain, Azores, Mediterranean
- H. folium** (O. Schmidt, 1870)
 = *Chalinula folium* O. Schmidt, 1870, non = *Remiera folium* Lundbeck, 1902
 Finmark - deep water
- H. folium** (Lundbeck, 1902)
 = *Remiera folium* Lundbeck, 1902, non = *Chalinula folium* O. Schmidt, 1870
 * In need of another name.
 off SW Faeroes, off S Greenland
- H. hyalina** (Lundbeck, 1902)
 = *Remiera hyalina* Lundbeck, 1902
 off N Faeroes
- H. indistincta** (Bowerbank, 1866)
 = *Isodictya indistincta* Bowerbank, 1866
 = *Remiera indistincta* : Auct.
 = *Adocia indistincta* : Arndt, 1935
 =? *Haliclona canaliculata* Hartman, 1958
 Orkneys, Ireland, SW England, Guernsey, Roscoff, Ireland
- H. inflata** (Armauer Hansen, 1885)
 = *Remiera inflata* Armauer Hansen, 1885
 * Of uncertain identity. A haplosclerid species?
 ?Norwegian Sea
- H. membranacea** (Armauer Hansen, 1885)
 = *Remiera membranacea* Armauer Hansen, 1885
 * Of uncertain identity. A haplosclerid species?
 ?Norw. Sea
- H. nivea** (Armauer Hansen, 1885)
 = *Remiera nivea* Armauer Hansen, 1885
- * Of uncertain identity. A haplosclerid species?
 ?Norw. Sea
- H. oblonga** (Armauer Hansen, 1885)
 = *Remiera oblonga* Armauer Hansen, 1885
 = *Halichondria oblonga* : Lundbeck, 1902
 * Of uncertain identity. A haplosclerid species?
 E Greenland, off W Faeroes, ?Norw. Sea, Iceland
- H. oculata** (Pallas, 1766)
 = *Spongia oculata* Pallas, 1766 (TM)
 = *H. oculata tavaresi* : Arndt, 1941
 = *Isodictya pygmaea* Bowerbank, 1866
 = *Spongia dichotoma* Linnaeus, 1767, non *Isodictya dichotoma* : Bowerbank, 1866
 = *Halichondria cervicornis* : Johnston, 1842, non *Spongia cervicornis* Pallas, 1766
 = *Diplodemia vesicula* Bowerbank, 1864
 = *Chalina grantii* Bowerbank, 1866
 = *Isodictya varians* Bowerbank, 1874 (p.p.), non Bowerbank, 1866
 = *Chalina flemingii* Bowerbank, 1874 (p.p.), non Bowerbank, 1866
 = *Veluspa polymorpha gracilis* Miklukho-Maklaj, 1870
 = *Chalina arbuscula* Verrill, 1873
 =? *Pachychalina caulifera* Vosmaer, 1882
 Øresund-Isefjord-Kattegat, North Sea, Egersund, Varangerfjorden, Faeroes, Netherlands, Roscoff, British Isles, Ireland, White Sea, Spitsbergen, Kara Sea, Portugal
- H. palescens** (Armauer Hansen, 1885)
 = *Remiera palescens* Armauer Hansen, 1885
 * Of uncertain identity. A haplosclerid species?
 SW Norway
- H. parenchyma** (Lundbeck, 1902)
 = *Remiera parenchyma* Lundbeck, 1902
 between Iceland & Greenland in deep water
- H. pons** (O. Schmidt, 1870)
 = *Remiera pons* O. Schmidt, 1870
 * Of uncertain identity. A haplosclerid species?
 Denmark
- H. porosus** (Fristedt, 1887)
 = *Gellius porosus* (Fristedt, 1887)
 = *Desmacella porosa* Fristedt, 1887
 * Not noticed in de Weerdt, 1986. Correct family?
 N Iceland, Spitsbergen, ?Bay of Biscay
- H. rectangularis** (Ridley & Dendy, 1886)
 = *Chalina rectangularis* Ridley & Dendy, 1886
 * Not noticed in de Weerdt, 1986. Correct family?
 Bergen???, Philippines
- H. rosea** (Bowerbank, 1866)
 = *Spongia rosea* Bowerbank, 1866, non *Remiera rosea* : Topsent, 1925, neg *Haliclona rosea* : Sarà, 1971-72
 = *Isodictya permollis* Bowerbank, 1866 (p.p.)
 = *Isodictya obscura* Bowerbank, 1874
 = *Isodictya simplex* Bowerbank, 1866, non = *Remiera simplex* : Armauer Hansen, 1885, neg : Arnesen, 1903
 = *Isodictya gregorii* Bowerbank, 1866
 = *Isodictya luteosa* Bowerbank, 1874
 = *Isodictya ferula* Bowerbank, 1882
 = *Isodictya pauperula* Bowerbank, 1882
 = *Halichondria macintoshii* Bowerbank, 1874
 = *Remiera laxa* Lundbeck, 1902
 = *Remiera heterofibrosa* Lundbeck, 1902
 = *Remiera tubulosa* Fristedt, 1887, non Armauer Hansen, 1885
 Bohusl., Denmark, Bergen - Trondheimsfjorden, Netherlands, Calais, Roscoff, Britain, Ireland, Shetlands, Faeroes, Iceland, Spitsbergen, Jan Mayen, E & NE Greenland
- H. tenera** (Marenzeller, 1877)
 * Not noticed in de Weerdt, 1986.
 Norway (Vigten (Lofoten area)), Iceland, Greenland, Franz Josef Land
- H. tenuiderma** (Lundbeck, 1902)
 = *Halichondria tenuiderma* Lundbeck, 1902
 * Not noticed in de Weerdt, 1986. Correct family?
 off SW Iceland
- H. tromsoeica** (Hentschel, 1929)
 * Not noticed in de Weerdt, 1986.
 Tromsø, Spitsbergen
- H. urceolus** (J. Rathke & Vahl, in Müller, 1806)
 = *Spongia urceolus* J. Rathke & Vahl, in Müller, 1806
 =? *Spongia laevigata* Montagu, 1818
 = *Isodictya clava* Bowerbank, 1866
 = *Chalina pulcherrima* Fristedt, 1885, non *Adocia pulcherrima* : Brøndstedt, 1924, neg : Bergquist & Warne, 1980
 = *Remiera clavata* Levensen, 1886
 = *Chalinula robustior* O. Schmidt, 1870
 = *Siphonochalina mollicula* Lundbeck, 1902
 =? *Chalina vega* Fristedt, 1887
 = *Remiera simplex* Armauer Hansen, 1885, non *Isodictya simplex* Bowerbank, 1866
 =? *Chalina groenlandica* Friestedt, 1887
 = *Remiera voeringi* Lundbeck, 1902
 = *Remiera glacialis* Hentschel, 1916
 = *H. implexa* : Alander, 1942, non *Remiera implexa* O. Schmidt, 1868
 = *H. montagui* : Alander, 1942, non *Halichondria montagui* Fleming, 1828
 Øresund, Kattegatt, Gullmarsfjord, Koster Channel, Skagerrak-N Norway, Faeroes, Iceland, Netherlands, British Isles, Ireland, E & W Greenland, Bear Island, Spitsbergen, Murmansk, Kara Sea
- H. velamentosa** (Armauer Hansen, 1885)
 = *Remiera velamentosa* Armauer Hansen, 1885
 * Of uncertain identity. A haplosclerid species?
 Barents Sea
- H. ventilabrum** (Fristedt, 1887)
 = *Remiera ventilabrum* Fristedt, 1887
 Trondheimsfjorden, Spitsbergen, off W Greenland, Iceland
- H. viscosa** (Topsent, 1888)
 = *Remiera viscosa* Topsent, 1888
 = *Remiera viscosa similis* Descatoire, 1969
non = *Haliclona viscosa* : Sarà, 1961
 Belgium, Shetlands, Roscoff, British Isles, Ireland, Monaco
- H. xena** de Weerdt, 1986
 Netherlands
- Adocia** J.E. Gray, 1867
 = *Amorphina* O. Schmidt, 1870, non Parker & Jones, 1857, ex Parker MS (Protozoa)
 = *Menanetia* Topsent, 1896

= *Halichondriella* Burton,1931
= *Halichoelona* de Laubenfels,1932

A. simulans (Johnston,1842)
= *Halichondria simulans* Johnston,1842
= *Chalina simulans* : Bowerbank,1864
= *Isodictya simulans* : Bowerbank,1866 (TM of *Adocia* J.E. Gray,1867)
= *Adocia simulans* : Auctt
= *Remiera simulans* : Auctt.
= *Isodictya densa* Bowerbank,1866 (p.p.)
= *Isodictya ingalli* Bowerbank,1874
= *Isodictya pallida* Bowerbank,1866 (p.p.), non Bowerbank,1874
= *Halichondria condensata* Bowerbank,1882
= *Siphonochalina crassa* Topsent,1925
= *Adocia cinerea* : Arndt,1935 (p.p.)
=? *Adocia varia* Sarà,1958
S & W Britain, Ireland, Channel Islands, N & NW France, Portugal, Mediterranean

Toxadocia de Laubenfels,1936 (TM *Gellius abbreviatus* Topsent,1918)
= *Neoadocia* de Laubenfels,1950

Toxadocia primitiva (Lundbeck,1902)
= *Gellius primitivus* Lundbeck,1902
= *Gellius proximus* Lundbeck,1902
S Greenland, E Greenland, White Sea

Sigmatocia de Laubenfels,1936 (TM *Gellius textapatina* de Laubenfels,1926)

S. fibulata (O. Schmidt,1862)
= *Remiera fibulata* O. Schmidt,1862, non O. Schmidt,1870
= *Gellius fibulatus* : Auctt.
= *Gelliodes fibulatus* : Babic,1922, non = *G. fibulata* Ridley,1884, neg : Vacelet,1961,1969
= *Isodictya jugosa* Bowerbank,1866
= *Halichondria couchii* Bowerbank,1874
= *Gellius jugosus* : J.E. Gray,1867, Arndt,191935, non Koltun,1959, neg *Haliclona jugosa* : Burton,1934
= *Gellius couchii* : Auctt.
= *Amorpinia couchii* : Topsent,1888
= *Haliclona angulata* : Burton,1948 (p.p.), non *Halichondria angulata* Bowerbank,1866
=? *Gellius pyrrii* Hanitsch,1895
=? *Gellius arcticus* Hentschel,1916
Shetlands, SW Ireland, Cornwall, Roscoff, Mediterranean, ?Spitsbergen

Acervochalina Ridley,1884

A. limbata (Montagu,1818)
= *Spongia limbata* Montagu,1818 (TM)
= *Chalina limbata* : Auctt.
= *Chalinula limbata* : Auctt.
= *Haliclona limbata* : Auctt.
= *Chalina gracilentata* Bowerbank,1866
= *Chalina zostericola* Topsent,1892
* This is the most typically littoral Chalinid species in S Scandinavia.
Baltic-Isefjord-Bohuslän, Bergen, North Sea, Roscoff, British Isles, Ireland, Portugal, Spain, Mediterranean

A. loosanoffi (Hartman,1958)
= *Haliclona loosanoffi* Hartman,1958
Netherlands, S Ireland, NE America

Remiera Nardo,1847 (TM *R. aequeductus* O. Schmidt,1862)
= *Chalinula* O. Schmidt,1868

Gellius J.E. Gray,1867

G. ravis Stephens,1912
= *Haliclona angulata* : Burton,1948 (p.p.)
= *Haliclona rava* : de Weerdt,1986
S Ireland

Metschnikowia Grimm,1877
* This genus not noted as belonging in the family by de Weerdt,1986, 1989

M. spinispiculum (Carter,1876)
= *Isodictya spinispiculum* Carter,1876
Troms, W Barents Sea, Spitsbergen, off E Iceland, Denmark Strait, Greenland, SW Ireland, Azores

Callyspongiidae de Laubenfels,1936

Siphonochalina O. Schmidt,1868

S. tubulosa (Ellis,1786)
Netherlands, S England

Niphatiidae van Soest,1980

Hemigellius Burton,1932 (TM *Gellius fimbriatus* Kirkpatrick,1908)

H. pumiceus (Fristedt,1885)
= *Desmacella pumicea* Fristedt,1885
= *Toxadocia pumicea* (Fristedt,1885)
= *Gellius pumiceus* (Fristedt,1885)
= *Gellius massa* Arnesen,1903
= *Gellius arnesenae* Arndt,1927
Gullmarfjord, Hardangerfjord, Bergen, 65-120m

H. arcoferus (Vosmaer,1885)
= *Gellius arcoferus* Vosmaer,1885
= *Gellius esperi* Arnesen,1903
= *Gellioides plexa* Lundbeck,1902
= *Gellioides consimilis* Lundbeck,1902
= *Gellius jugosus* : Koltun,1959, non (Bowerbank,1866)
Trondheimsfjorden - N Norway, Faeroes, Iceland, Barents Sea, Spitsbergen, Kara Sea, E Greenland, Jan Mayen, abyssal Arctic basin, Azores, >160m - on stones

H. hartlaubi (Hentschel,1929)
= *Gellius hartlaubi* Hentschel,1929
Nordland - Finnmark in 192 m

H. aff. flagellifer (Ridley & Dendy,1886)
= *Gellius flagellifer* Ridley & Dendy,1886
= *Desmacella porosa* Fristedt,1887
Finnmark, off W Faeroes, Iceland, Barents Sea, abyssal Arctic basin, Davis Strait, off SW Ireland, Bay of Biscay, Mediterranean, Azores

Gelliodes Ridley,1884

G. luridus (Lundbeck,1902)
= *Gellius luridus* Lundbeck,1902
off W & SW Iceland (deep water)

G. microtoxa (Lundbeck,1902)
= *Gellius microtoxa* Lundbeck,1902
off SW Iceland (deep water)

G. digitatus (Koltun,1959)
= *Gellius digitatus* Koltun,1959
Arctic Seas

G. laurentinus (Lambe,1900)
= *Gellius laurentinus* Lambe,1900
Canada, ?E. Atlantic

Cribrochalina O. Schmidt,1870 (TM *Spongia vasulum* de Lamarck,1814)

C. sluiteri Vosmaer,1881-82
= *Remiera infundibuliformis* Armauer Hansen,1885
= *Tragostia sluiteri* : Lundbeck,1909
Norway, Kara Sea, White Sea, Spitsbergen, Barents Sea, Jan Mayen

Siphonodictyon Bergquist,1965
= *Acca* Johnson,1899, non Hübner,1819 (Lepidoptera)
= *Aka* de Laubenfels,1936, non White,1879 (Hemiptera)
* This genus not noted as belonging in the family by de Weerdt,1986, 1989. Belonging to Phloeodictyidae according to Howson & Picton 1997

S. labyrinthica (Hancock,1849)
= *Cliona labyrinthica* Hancock,1849
Säcken coral reef, Bergen, Trondheimsfjord

S. coralliphaga (Stephens,1915)
= *Cliona coralliphaga* Stephens,1915
Ireland

Spongillidae J.E. Gray,1867
* Freshwater taxon

Spongilla de Lamarck,1816

S. lacustris (Linnaeus,1759)
Baltic, Randersfjord (Denmark), (Common in freshwater)

Ephydatia Lamouroux,1816

E. fluviatilis (Linnaeus,1759)
Baltic, (Brackish water along the European coast and in fresh water)

E. muelleri (Lieberkühn,1856)
Possibly in Estonian brackish water, else only in fresh water

Metaniidae Volkmer-Ribeiro,1986
* Freshwater taxon

Potamolepidae Brien,1967
* Freshwater taxon

Lubomirskiidae Brien,1969
* Freshwater taxon

PETROSIDA Boury-Esnault & van Beveren,1982
= **NEPHELIOSPONGIDA** Bergquist,1980
* The two families in this order are kept within the Haplosclerida by de Weerdt,1989.

Phloeodictyidae Carter,1882
= **Oceanapiidae** van Soest,1980

Oceanapia Norman,1869

O. elongata (Topsent,1892)
= *Rhizochalina elongata* Topsent,1892
off SW Iceland, Azores (deep water)

O. irregulare (Lundbeck,1902)
= *Phloeodictyon irregulare* Lundbeck,1902
Spitsbergen, off W Iceland (deep water)

O. isodictyiformis (Carter,1882)
S Ireland, Vigo Bay, Tenerife

O. robusta (Bowerbank,1866) (TM)
= *Remiera tubulosa* Armauer Hansen,1885
= *Desmacidon jeffreysii* (Bowerbank,1866)
Stavanger - Trondheimsfjorden, Shetlands, S Iceland, E Greenland, Faeroes, Ireland, Azores

O. tuber (Lundbeck,1902)
Phloeodictyon tuber Lundbeck,1902
off SW & W Iceland (deep water)

Petrosiidae van Soest,1980
= **Nepheleospongiidae** Clarke sensu Weidenmayer (p.p.)

Petrosia Vosmaer,1885 (TM *Spongia ficiformis* Poiret,1789)
= *Strongylophora* Dendy,1905

P. crassa (Carter,1876)
Bergen, Trondheimsfjorden, off S Faeroes (a deep water species)

DICTYOCERATIDA Minchin,1900

Spongiidae J.E. Gray,1867

Spongia Linnaeus,1759 (TM *Spongia officinalis* Linnaeus,1759)

S. carteri Burton,1930
Koster Channel, Säcken, Singlefjord, Stavanger - Trondheimsfjorden

Irciniidae J.E. Gray,1867
= **Thorectidae** Bergquist,1978

DENDROCERATIDA Minchin,1900

Dysideidae J.E. Gray,1867

Dysidea Johnston,1842
= *Aulena* von Lendenfeld,1885
= *Duseideia* Johnston,1842
= *Duseideia* Delage,1899
= *Dysidia* Agassiz,1846
= *Dyseideia* Lieberkühn,1855
= *Haastia* von Lendenfeld,1888
= *Halmopsis* von Lendenfeld,1885
= *Sarcocornea* Carter,1859
= *Spongelia* O. Schmidt,1862

- D. avara* (O. Schmidt,1862)
Stavanger, Finnmark, Spitsbergen
- D. fragilis* (Montagu,1818) ^(TM)
Öresund, Bohuslän, British Isles, Ireland, Roscoff, W Norway - Finnmark, Helgoland,
Iceland, Kola fjord, Bay of Biscay, Mediterranean, Senegal
- D. pallescens* O. Schmidt,1862
British Isles, Mediterranean
- Spongionella* Bowerbank,1862
= *Velinea* Vosmaer,1883
=? *Leiosella* von Lendenfeld,1889
= *Megalopstas* Dendy,1905 (p.p.)
- S. pulchella* (Sowerby,1806)
= *Spongia pulchella* Sowerby,1806 ^(TM)
Mouth of Gullmarfjord, Koster area, Bergen, Brit. coasts, Shetlands, Faeroes, Iceland,
Greenland, Sea of Okhotsk, Mediterranean
- Euryspongia* Row,1911 ^(TM) *Euryspongia lactea* Row,1911
Not in the area.
- Darwinellidae Merejkowsky,1879
= Aplysillidae Vosmaer,1883
- Aplysilla* F.E. von Schulze,1877
= *Simplicella* Merejkowsky,1878
- A. rosea* (Barrois,1876) ^(TM)
Bohuslän - Lofoten, British Isles, Ireland, Roscoff
- A. sulfurea* F.E. von Schulze,1878
* This may be a colour morph of *A. rosea* ?
Koster Channel, Säcken - Trondheimsfjorden, British Isles, Ireland, Roscoff, Mediterranean
- Pteraplysilla* Topsent,1905
* Stone & al.,1984, lists *Pteraplysilla* spp. from Britain.
- P. minchini* Topsent,1905
Singlefjord in 70-100m, Bergen, Roscoff
- P. spinifera* (F.E. von Schulze,1878)
= *Spongia spinifera* F.E. von Schulze,1878 ^(TM)
?Bohuslän, Skagerrak, Bergen
- Chelonaplysilla* de Laubenfels,1948
- C. noevus* (Carter,1876)
= *Aplysina noevus* Carter,1876 ^(TM)
* Stone & al.,1984, lists *Chelonaplysilla* spp. from Britain.
Roscoff
- C. psammophila* (Topsent,1928)
= *Aplysilla psammophila* Topsent,1928
= *Aplysilla arenosa* Hentschel,1929
Skagerrak in ca 400m, Norway N to Troms, Iceland
- Darwinella* Müller,1865 ^(TM) *Darwinella muelleri* F.E. von Schulze,1865
= *Darwinia* F.E. von Schulze,1865, non Bate,1857
- D. intermedia* Topsent,1893
Roscoff
- Hexadella* Topsent,1896
- H. dendritifera* Topsent,1913
Spitsbergen
- H. racovitzi* Topsent,1896 ^(TM)
Roscoff, Mediterranean
- Dictyodendrillidae Bergquist,1980
- Halisarcidae Vosmaer,1885
- Halisarca* Dujardin,1838
- H. dujardini* Johnston,1842 ^(TM)
Kieler Bucht-Bohuslän, all Norway, Spitsbergen, Helgoland, British Isles, Ireland
- H. metschnikovi* Lévi,1953
* This species can be separated microscopically from *H. dujardini* during reproduction
time only. As they
long have been confused, both of them may perhaps occur all along the European coast.
British Isles, Roscoff
- H. sputum* Topsent,1893
Roscoff
- VERONGIDA Bergquist,1978
- Aplysinidae Carter,1875
= Verongiidae de Laubenfels,1936
- Aplysina* Nardo,1834 ^(TM) *Aplysina aerofoba* O. Schmidt,1862
= *Verongia* Bowerbank,1845 ^(TM) *Verongia fistularis* (de Lamarck,1815))
= *Luffaria* Duchassaing de Fombressin & Michelotti,1864
- A. zetlandica* (Bowerbank,1866)
Shetlands
- Druinellidae von Lendenfeld,1889
= Aplysinnellidae Bergquist
- Ianthellidae Hyatt,1875
= Bajalidae Lévi

