

PORIFERA

Compiled by R.W.M. van Soest

Data consist of a species name considered valid or status unknown, followed by author and year of erection. Obvious synonyms (based on general consensus of past authors) are omitted, but all doubtful or contested cases are included. No subsequent records or distribution data are given. The entries are in most cases not recently validated, so are based on opinions of previous authors or experience of the present list author. Care should be taken when using these entries for other purposes than simple reference data. There is no guarantee for completeness of the species list. The system followed here is that of the most recent insights in the higher taxa classification. A project in process of near completion is the Systema Porifera initiative (editors J.N.A. Hooper & R.W.M. van Soest). This will result in a 25 author collective revision of all Porifera taxa above the species level, including keys to their identification. Until this volume appears, the present list remains tentative as far as classification and the use of genus and family names is concerned.

N. Boury-Esnault assisted in the compilation of the Calcarea.

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PHYLUM PORIFERA

Class Demospongiae

Subclass Homoscleromorpha

Order Homosclerophorida

Family Plakinidae

Corticium

- bowerbanki* Sara, 1960
- candelabrum* Schmidt, 1862
- reductum* Pulitzer-Finali, 1983
- topsentii* Pouliquen, 1972

Octavella

- galangai* Tuzet & Paris, 1963

Oscarella

- lobularis* (Schmidt, 1862)
- = *Halisarca lobularis*

Placinolpha

- moncharmonti* (Sarà, 1960)
- = *Diactinolpha moncharmonti*

Plakina

- brachylopha* Topsent, 1928
- dilopha* Schulze, 1880
- monolopha* Schulze, 1880
- trilopha* Schulze, 1880

Plakinastrella

- copiosa* Schulze, 1880
- mixta* Maldonado, 1992
- oxeata* Topsent, 1904
- trunculifera* Topsent, 1928

Plakortis

- simplex* Schulze, 1880

Pseudocorticium

- jarrei* Boury-Esnault *et al.*, 1995

Subclass Tetractinomorpha

Order Astrophorida

Family Ancorinidae

Ancorina

- cerebrum* Schmidt, 1862
- radix* (Marenzeller, 1889)
- verruca* Schmidt, 1862
- wageneri* (Schmidt, 1862)
- = *Stelletta wageneri*

Calthropella

- geodioides* (Carter, 1876)
- = *Pachastrella geodioides*
- inopinata* Pulitzer-Finali, 1983
- pathologica* (Schmidt, 1868)
- recondita* Pulitzer-Finali, 1972
- simplex* Sollas, 1888
- simplex* subsp. *durissima* Topsent, 1892
- stelligera* (Schmidt, 1868)
- = *Corticium stelligera*

Dercitancorina
lesinensis (Lendenfeld, 1894)
Dragmastra
normani (Sollas, 1880)
 = *Stelletta normani*
normani subsp. *rhaphiophora* (Hentschel, 1929)
Holoxea
furtiva Topsent, 1892
Penares
candidata (Schmidt, 1868)
helleri (Schmidt, 1864)
 = *Stelletta helleri*
sclerobesa Topsent, 1904
Stelletta
addita (Topsent, 1938)
aspera Carter, 1871
boglicii Schmidt, 1862
carbonaria Schmidt, 1880
collingsi (Bowerbank, 1866)
defensa Pulitzer-Finali, 1983
dichoclada Pulitzer-Finali, 1983
dorsigera Schmidt, 1862
grubii Schmidt, 1862
hispidata (Buccich, 1886)
 = *Ancorina hispidata*
(Pilo-chrota) inermis Topsent, 1904
lactea Carter, 1871
mediterranea (Topsent, 1893)
pachastrelloides Carter, 1876
pumex (Nardo, 1847)
rhaphidiophora Hentschel, 1929
simplicissima (Schmidt, 1868)
 = *Ancorina simplicissima*
stellata Topsent, 1893
stellata subsp. *adriatica* Sara, 1960
tuberosa (Topsent, 1892)
 = *Astrella tuberosa*
(Pilo-chrota) ventricosa Topsent, 1904
Stryphnus
fortis (Vosmaer, 1885)
 = *Stelletta fortis*
mucronatus (Schmidt, 1868)
 = *Stelletta mucronatus*
niger (Carter, 1871)
 = *Dercitus niger*
ponderosus (Bowerbank, 1866)
 = *Ecionemia ponderosus*
ponderosus subsp. *rudis* Sollas, 1888

Family Pachastrellidae

Characella
tripodaria (Schmidt, 1868)
Dercitus
abyssi (Carter, 1876)
 = *Corticium abyssi*
plicatus (Schmidt, 1868)
bucklandi (Bowerbank, 1866)
 = *Hymeniacion bucklandi*
Nethea
dissimilis Sara, 1959
Pachastrella
abyssi Schmidt, 1870
debilis Topsent, 1892
echinorhabda Pulitzer-Finali, 1972
intexta Carter, 1876
monilifera Schmidt, 1868
ovisternata Von Lendenfeld, 1897
stylifera Von Lendenfeld, 1897
Poecillastra
compressa (Bowerbank, 1866)
 = *Ecionemia compressa*
amygdaloides (Carter, 1876)
 = *Pachastrella amygdaloides*
compressa (Bowerbank, 1866)
crassiuscula Sollas, 1888
cumana Vosmaer, 1894

fragilis Vosmaer, 1894
pachastrelloides (Carter, 1874)
rudiastra Pulitzer-Finali, 1983
saxicola (Topsent, 1892)
 = *Characella saxicola*
scabra (Schmidt, 1868)
sollasi (Topsent, 1892)
symbiotica Topsent, 1904
Sphinctrella (=Vulcanella)
aberrans Maldonado & Uriz, 1996
annulata Schmidt, 1870
armata (Hanitsch, 1895)
 = *Poecillastra armata*
cribriifera Sollas, 1888
gracilis Sollas, 1888
horrida Schmidt, 1870
linaresi Ferrer-Hernandez, 1914
ornata Sollas, 1888
verruculosa Pulitzer-Finali, 1983
Triptolemus
simplex Sara, 1959
Family Geodiidae
Caminella
loricata Lendenfeld, 1894
Caminus
vulcani Schmidt, 1862
Erylus
cantabricus (Ferrer-Hernandez, 1912, 1918)
 = *Scutastra cantabricus*
corsicus Pulitzer-Finali, 1983
deficiens Topsent, 1927
discophorus (Schmidt, 1862)
 = *Stelletta discophorus*
discophorus subsp. *deficiens* Babio & Gondar, 1978
euastrum (Schmidt, 1868)
 = *Stellettinopsis euastrum*
euastrum subsp. *aspidodiscus* Topsent, 1928
expletus Topsent, 1928
granularis Topsent, 1904
mamillaris (Schmidt, 1862)
 = *Stelletta mamillaris*
nummulifer Topsent, 1892, 1904
oblongus Topsent, 1928
papillatus Topsent, 1928
papulifer Pulitzer-Finali, 1983
stellifer Topsent?
topsentii Von Lendenfeld, 1903
Geodia
atlantica (Stephens, 1914)
 = *Sidonops atlantica*
barretti Bowerbank, 1858
conchilega Schmidt, 1862
cydonium (Jameson, 1811)
 = *Alcyonium cydonium*
cydonium subsp. *aegagropila* Corriero, 1989
depressa Bowerbank, 1873
echinastrella Topsent, 1904
eosaster (Sollas, 1888)
geodina (Schmidt, 1868)
gigas Schmidt, 1862
glariosa Sollas, 1862
globus Schmidt, 1870
macandrewi Bowerbank, 1872
megastrella Carter, 1876
mesotriaena (Hentschel, 1929)
 = *Sidonops mesotriaena*
micropunctata Row, 1911
muelleri (Fleming, 1828)
nodastrella Carter, 1876
normani (Sollas, 1888)
 = *Cydonium normani*
pergamentacea Schmidt, 1870
placenta Schmidt, 1862
pyriformis (Vosmaer, 1885)
 = *Synops pyriformis*

- simplex* Schmidt, 1870
simplicissima Burton, 1931
sphaeroides (Vosmaer, 1882)
= *Isops sphaeroides*
spherastrella Topsent, 1904
(*Stellogeodia*) *stellosa* Czerniavsky, 1880
tuber Lendenfeld, 1894
tuberosa Schmidt, 1862
- Isops*
anceps (Vosmaer, 1894)
= *Synops anceps*
canaliculata (Schmidt, 1868)
intuta (Topsent, 1892)
= *Cydonium intuta*
maculosus Vosmaer, 1894
pachydermata Sollas, 1888
pallida Vosmaer, 1882
phlegraei Sollas, 1862
- Pachymatisma*
intermedia (Schmidt, 1868)
johnstonia (Bowerbank in Johnston, 1842)
= *Halichondria johnstonia*
normani Sollas, 1888
- Family Theineidae**
Thenea
abyssorum Koltun, 1959
levis Von Lendenfeld, 1903
muricata Bowerbank, 1858
schmidti Sollas, 1886
valdiviae Von Lendenfeld, 1903
- Family Thrombidae**
Thrombus
abyssi (Carter, 1873)
= *Corticium abyssi*
abyssi subsp. *niger* Topsent, 1904
- Family Coppatiidae**
Dorypleres
incrustans Topsent, 1892
- Holoxea*
furtiva Topsent, 1892
- Jaspis*
dendyi Sollas, 1888
inconditus (Topsent, 1892)
= *Coppatis inconditus*
incrustans (Topsent, 1890)
eudermis Lévi & Vacelet, 1958
johnstoni (Schmidt, 1862)
= *Vioa johnstoni*
johnstoni subsp. *incrustans* Topsent, 1904
- Order Lithistida**
- Family Corallistidae**
Corallistes
elegantior Schmidt, 1870
masoni (Bowerbank, 1869)
nolitangere Schmidt, 1870
- Racodiscula*
clava Schmidt, 1870
- Family Theonellidae**
Discodermia
polydiscus Du Bocage, 1869
ramifera Topsent, 1892
- Family Siphonidiidae**
Leiodermatium
lynceus Schmidt, 1870
pfeifferae (Carter, 1876)
= *Azorica pfeifferae*
- Macandrewia*
azorica Gray, 1859
robusta Topsent, 1904
- Siphonidium*
ramosum Schmidt, 1870
- Family Desmanthidae**
Desmanthus
incrustans (Topsent, 1889)
= *Aciculites incrustans*
- Lithobubaris*
tenens Vacelet, 1969
- Order Spirophorida**
- Family Tetillidae**
Cantabrina
erecta Ferrer-Hernandez, 1914
- Chrotella*
amphiacantha Topsent, 1904
- Cinachyra*
australiensis Carter, 1881
cavernosa (Lamarck, 1815)
tarentina Pulitzer-Finali, 1983
- Samus*
anonyma Gray, 1867
- Tetilla*
abyssorum (Carter, 1876)
= *Tethya cranium* subsp. *abyssorum*
= *Tethya cranium* subsp. *infrequens*
azorica (Topsent, 1904)
cranium (Müller, 1776)
= *Alcyonium cranium*
= *Acyonium globosum*
disigma Topsent, 1904
geniculata Von Marenzeller, 1886
infrequens (Carter, 1876)
longipilis Topsent, 1904
nimia Topsent, 1904
polyura Schmidt, 1870
repens (Sara, 1958)
= *Craniella repens*
sandalina Sollas, 1886
sibirica (Fristedt, 1887)
= *Tethya sibirica*
tethyoides (Schmidt, 1870)
truncata Topsent, 1892
zelandica (Carter, 1872)
= *Tethya zelandica*
- Order Hadromerida**
- Family Clionidae**
Alectona
millari Carter, 1879
- Cliona*
abyssorum Carter, 1874
albicans Volz, 1939
alderi Hancock, 1849
angulata Hancock, 1849
burtoni Topsent, 1932
celata (Grant, 1826)
copiosa Sara, 1959
corallinoides Hancock, 1849
cretensis Pulitzer-Finali, 1983
hystrix (Johnston, 1842)
= *Halichondria hystrix*
levispira Topsent, 1898
northumbrica Hancock, 1849
gorgonioides Hancock, 1849
gracilis Hancock, 1849
howsei Hancock, 1849
janitrix Topsent, 1932
lobata Hancock, 1849
nigricans (Schmidt, 1862)
= *Papillina nigricans*
pontica Czerniavsky, 1880
privoti Topsent, 1900
rhodensis Rützler & Bromley, 1981
rovignensis Volz, 1939
sarai Melone, 1965
schmidti (Ridley, 1881)
stationis Nassonow, 1883
topsenti (Von Lendenfeld, 1896)
tremitensis Sara, 1961
typica (Nardo, 1833)

- vastifica* Hancock, 1849
vermifera Hancock, 1867
viridis (Schmidt, 1862)
 = *Vioa viridis*
- Cliothosa*
hancocki (Schmidt, 1862)
 = *Vioa hancocki*
- Delectona*
alboransis Rosell, 1996
ciconiae Bavestrello *et al.*, 1996
- Dotona*
pulchella Carter, 1881
- Thoosa*
armata Topsent, 1888
mollis Volz, 1939
tortonesei Sarà, 1958
- Family Spirastrellidae**
Spirastrella
aculeata Topsent, 1892
cunctatrix Schmidt, 1868
minax Topsent, 1888
- Spiroxya*
heteroclita Topsent, 1896
- Family Timeidae**
Diplastrella
bistellata (Schmidt, 1862)
 = *Suberites bistellata*
ornata Rützler & Sarà, 1962
- Timea*
acutostellata Hanitsch, 1894
bifidostellata Pulitzer-Finali, 1983
chondrilloides (Topsent, 1904)
 = *Hymedesmia chondrilloides*
crassa (Topsent, 1900)
 = *Hymedesmia crassa*
cumana Pulitzer-Finali, 1978
fasciata Topsent, 1934
geministellata Pulitzer-Finali, 1978
hallezi Topsent, 1894
irregularis Sarà & Siribelli, 1960
mixta (Topsent, 1896)
 = *Hymedesmia mixta*
simplistellata Pulitzer-Finali, 1983
stellata (Bowerbank, 1866)
 = *Hymedesmia stellata*
stellifasciata Sarà & Siribelli, 1960
stelligera (Carter, 1876)
 = *Suberites stelligera*
stellivarians (Carter, 1876)
 = *Suberites stellivarians*
tristellata (Topsent, 1892)
 = *Hymedesmia tristellata*
unistellata (Topsent, 1892)
 = *Hymedesmia unistellata*
unistellata subsp. *aspera* (Topsent, 1904)
- Family Placospongiidae**
Placospongia
decorticans (Hanitsch, 1895)
 = *Physcaphora decorticans*
- Family Hemiasterellidae**
Adreus
fascicularis (Bowerbank, 1866)
 = *Dictyocylindrus fascicularis*
- Hemiasterella*
aristoteliana Voultziadou-Koukoura & VanSoest, 1991
- Paratimea*
constellata (Topsent, 1893)
 = *Halicnemia constellata*
loennbergi (Alander, 1942)
 = *Halicnemia loennbergi*
loricata (Sarà, 1958)
 = *Halicnemia loricata*
oxeata Pulitzer-Finali, 1978
- pierantonii* (Sara, 1958)
 = *Halistella pierantonii*
- Stelligera*
mutilus Topsent, 1928
nux Von Lendenfeld, 1896
rigida (Montagu, 1818)
 = *Spongia rigida*
stuposa (Montagu, 1818)
 = *Spongia stupeosa*
- Family Latrunculiidae**
Latrunculia
biannulata Topsent, 1892
citharistae Vacelet, 1969
cratera Du Bocage, 1869
insignis Topsent, 1892
normani Stephens, 1915
tarentina Pulitzer-Finali, 1983
tricincta Hentschel, 1929
triloba (Schmidt, 1875)
 = *Sceptrelia triloba*
- Microstylifer*
rugosus Vacelet, 1969
- Podospongia*
loveni Du Bocage, 1869
- Sceptrintus*
richardi Topsent, 1898
- Family Tethyidae**
Halicometes
elongata Boury-Esnault *et al.*, 1994
- Tethya*
aurantium (Pallas, 1766)
 = *Alcyonium aurantium*
citrina Sarà & Melone, 1965
norvegica Bowerbank, 1872
- Family Suberitidae**
Aaptos
aaptos (Schmidt, 1864)
 = *Ancorina aaptos*
papillatus (Keller, 1880)
 = *Tuberella papillatus*
- Atergia*
corticata Stephens, 1915
- Laxosuberites*
durus Stephens, 1915
ectyoninus Topsent, 1900
ferrehernandezi Boury-Esnault & Lopes, 1985
incrustans (Hansen, 1880)
 = *Suberites incrustans*
rugosus (Schmidt, 1868)
- Prosuberites*
brevispinus De Laubenfels, 1951
epiphytum (Lamarck, 1815)
 = *Alcyonium epiphytum*
longispinus Topsent, 1893
modestus Pulitzer-Finali, 1978
rugosus Topsent, 1893
- Pseudosuberites*
hyalinus (Ridley & Dendy, 1886)
 = *Hymeniacidon hyalinus*
mollis Topsent, 1925
montiniger (Carter, 1880)
 = *Suberites montiniger*
sadko Koltun, 1966
simplicima (Bowerbank, 1874)
 = *Hymedesmia simplicima*
sulphureus (Bean in Bowerbank, 1866)
 = *Hymeniacidon sulphureus*
- Pseudotrachya*
hystrix (Topsent, 1892)
 = *Trachya hystrix*
oxystyla Sarà, 1959
- Rhizaxinella*
biseta Topsent, 1904
elongata (Ridley & Dendy, 1886)

- = *Suberites elongata gracilis* (Von Lendenfeld, 1896)
 = *Suberites gracilis pyrifer* (Delle Chiaje, 1828)
schaudini Hentschel, 1929
uniseta Topsent, 1904
- Suberites**
baffini Brøndsted, 1933
bursa Schmidt, 1862
caminatus Ridley & Dendy, 1886
capillitium Topsent, 1904
carnosus (Johnston, 1842)
 = *Halichondria carnosus carnosus* subsp. *incrustans* Topsent, 1900
concinus Lambe, 1900
crelloides Marenzeller, 1877
crustula (Bowerbank, 1866)
 = *Hymeniacido crustula distortus* Schmidt, 1870
domuncula (Olivier, 1792)
 = *Alcyonium domuncula elongatus* Ridley & Dendy, 1886
ficus (Esper, 1794)
 = *Alcyonium ficus gibbosiceps* Topsent, 1904
glasenapii Merejkowski, 1879
hirsutus (Fleming, 1828)
 = *Halichondria hirsutus hystrix* Schmidt, 1868
laticeps Topsent, 1904
lobatus (Renier in Lieberkühn, 1859)
 = *Lithumen lobatus luetkeni* Schmidt, 1870
maculans (Johnston, 1842)
 = *Halichondria maculans massa* (Nardo, 1847)
montalbidus Carter, 1880
prototypus Czerniavsky, 1880
sevosus (Johnston, 1842)
 = *Halichondria sevosus suberia* (Montagu, 1818)
 = *Spongia suberia syringella* (Schmidt, 1868)
virgultus (Johnston, 1842)
 = *Halichondria virgultus*
- Terpios**
coerulea (Carter, 1882)
 = *T. fugax* auctt.
- Family Stylocordylidae**
Oxycordyla pellita Topsent, 1904
Stylocordyla borealis (Loven, 1868)
borealis subsp. *typica* Burton, 1931
- Family Polymastiidae**
Polymastia agglutinans Ridley & Dendy, 1886, 1887
azorica Lévi & Vacelet, 1958
bartletti De Laubenfels, 1942
boletiformis (Lamarck, 1813)
 = *Alcyonium boletiformis capitata* Vosmaer, 1885
conigera Bowerbank, 1874
corticata Ridley & Dendy, 1886
ectofibrosa Boury-Esnault *et al.*, 1994
grimaldi (Vosmaer, 1885)
 = *P. penicillus hispida* (Bowerbank, 1866)
inflata Cabioch, 1968
laganooides Lambe, 1900
mamillaris (Müller, 1806)
 = *Spongia mamillaris mamillaris* subsp. *hyperborea* Hentschel, 1916
martae Boury-Esnault *et al.*, 1994
mespilus Schmidt, 1873
paupera Fristedt, 1887
polytylota Vacelet, 1969
radiosa Bowerbank, 1866
spinula Bowerbank, 1866
sola Pulitzer-Finali, 1983
tissieri (Vacelet, 1961)
uberrima (Schmidt, 1870)
 = *Rinalda uberrima*
- Quasillina**
brevis (Bowerbank, 1861)
 = *Euplectella brevis intermedia* Boury-Esnault *et al.*, 1994
richardi Topsent, 1913
- Rhaphidorus**
setosus Topsent, 1898
- Ridleia**
oviformis Dendy, 1916
- Sphaerotylus**
borealis (Schwartzshevsky, 1906)
schoenus (Sollas, 1882)
- Spinularia**
spinularia (Bowerbank, 1866)
 = *Tethea spinularia*
- Tentorium**
semisuberites (Schmidt, 1870)
 = *Thecophora semisuberites*
- Polymastia**
hemisphaerica (Sars, 1872)
- Trichostemma**
sarsi Ridley & Dendy, 1886, 1887
- Tylexocladus**
joubini Topsent, 1898
- Vosmaeria**
crustacea Fristedt, 1885
laevigata Topsent, 1896
- Weberella**
bursa Vosmaer, 1885
verrucosa Vacelet, 1960
- Order Chondrosida**
- Family Chondrillidae**
- Chondrilla**
nucula Schmidt, 1862
- Chondrosia**
plebeja Schmidt, 1868
reniformis (Nardo, 1847)
- Thymosia**
guernei Topsent, 1895
- Thymosiopsis**
cuticulatus Vacelet & Perez, 1998
- Subclass Ceractinomorpha**
- Order Halichondrida**
- Family Axinellidae**
- Acanthella**
acuta Schmidt, 1862
annulata Sara, 1958
mastophora (Schmidt, 1870)
 = *Axinella mastophora multififormis* Vosmaer, 1882, 1885
- Auleta**
grantiooides Lévi & Vacelet, 1958
pedunculata (Topsent, 1896)
sessilis Topsent, 1904
sycinularia Schmidt, 1870
- Axinella**
arctica (Vosmaer, 1885)
 = *Phakellia arctica arcticasetosa* Hentschel, 1929
babici Vacelet, 1961
blanca Koltun, 1959
calyciformis (Lamarck, 1813)
cannabina (Esper, 1794)
 = *Spongia cannabina cinnamomea* sensu Schmidt, 1873

- damicornis* (Esper, 1794)
 = *Spongia damicornis*
 = *Spongia lactuca*
dissimilis (Bowerbank, 1866)
 = *Isodictya dissimilis*
egregia Ridley, 1881
estacoi Carballo & Garcia-Gomez, 1995
flustra (Topsent, 1892)
 = *Tragosia flustra*
guiteli Topsent, 1896
hirondelli (Topsent, 1892)
 = *Tragosia hirondelli*
hispida Koltun, 1959
infundibuliformis (Linnaeus, 1767)
 = *Spongia infundibuliformis*
macrostyla Babic, 1922
mahonensis Ferrer-Hernandez, 1916
mammillata (Hanitsch, 1890)
minuta Lévi, 1957
pocillum (Bowerbank, 1866, 1874)
 = *Isodictya pocillum*
polypoides Schmidt, 1862
pseudominuta Bibiloni, 1993
pumila Babic, 1922
pyramidata Stephens, 1916, 1921
rugosa Schmidt, 1875
salicina Schmidt, 1868
setosa Hentschel, 1929
subdola (Bowerbank, 1866)
 = *Dictyocylindrus subdola*
trichophora Hentschel, 1929
variabilis (Vosmaer, 1882)
 = *Cribrochalina variabilis*
vasonuda Topsent, 1904
vellerea Topsent, 1904
verrucosa (Esper, 1794)
 = *Spongia verrucosa*
- Axingella*
perlucida (Topsent, 1896)
- Homaxinella*
informis Burton, 1930
- Ophiraphidites*
tortuosus Carter, 1876
- Phakellia*
beringensis Hentschel, 1929
bowerbanki Vosmaer, 1885
dalli Lambe, 1900
lambei Topsent, 1913
robusta Bowerbank, 1864
rugosa (Bowerbank, 1866)
ventilabrum (Linnaeus, 1767)
 = *Spongia ventilabrum*
ventilabrumconnexiva Ridley & Dendy, 1887
- Pseudaxinella*
sulcata Schmidt, 1875
- Stylissa*
cribrosa Micklucho-Maclay, 1870
- Family Bubaridae**
- Bubaris*
carcisis Vacelet, 1969
simplicima (Bowerbank, 1866)
 = *Microciona simplicima*
sosia Topsent, 1904
subtyla Pulitzer-Finali, 1983
vermiculata (Bowerbank, 1866)
 = *Hymeraphia vermiculata*
vermiculata subsp. *erecta* Carter, 1876
- Cerbaris*
torquata Topsent, 1898, 1904, 1928
- Hymerhabdia*
contracta Sara & Siribelli, 1960
intermedia Sara & Siribelli, 1960
oxytrunca Topsent, 1904
papillosa Sara & Siribelli, 1960
typica Topsent, 1892
- Monocrepidium*
vermiculatum Topsent, 1898
- Rhabdobaris*
implicata Pulitzer-Finali, 1983
- Skeizia*
minuta Cabioch, 1968
- Family Agelasidae**
- Agelas*
oroides (Schmidt, 1864)
 = *Clathria oroides*
- Family Dictyonellidae**
- Dictyonella*
alonsoi Carballo *et al.*, 1996
incisa (Schmidt, 1880)
madeirensis (Topsent, 1928)
marsilii (Topsent, 1893)
obtusata (Schmidt, 1862)
 = *Acanthella obtusata*
pelligera (Schmidt, 1862)
plicata (Schmidt, 1864)
- Scopalina*
azurea Bibiloni, 1993
lophyropoda Schmidt, 1862
- Tethyspira*
spinosa (Bowerbank, 1874)
 = *Tethea spinosa*
- Family Desmoxiidae**
- Disciscus*
pseudodidiscoides (Corriero *et al.*, 1996)
 = *Dendroxea pseudodidiscoides*
styliferus Tsumamal, 1968
- Halicnemia*
arbuscula Topsent, 1928
azorica Topsent, 1928
geniculata Sara, 1958
patera Bowerbank, 1862
 = *Hymedesmia inflata*
 "Halicortex"
loricata Sara, 1958
- Heteroxya*
corticata Topsent, 1898, 1904
- Higginsia*
mediterranea Pulitzer-Finali, 1978
pyriformis Brøndsted, 1916
strigilata (Lamarck, 1814)
 = *Spongia strigilata*
thielei (Topsent, 1892)
- Myrmekioderma*
spelaea (Pulitzer-Finali, 1983)
 = *Rhaphisia spelaea*
- Family Halichondriidae**
- Amorphinopsis*
filigrana (Schmidt, 1862)
 = *Reniera filigrana*
pallascens (Topsent, 1892)
 = *Hymeniacion pallascens*
- Axinyssa*
digitata (Cabioch, 1968)
 = *Pseudaxinyssa digitata*
- Ciocalapata*
almae Carballo *et al.*, 1996
- Ciocalypta*
penicillus Bowerbank, 1862, 1864, 1866, 1874
- Coelocalypta*
hyalina Pulitzer-Finali, 1978
- Halichondria*
agglomerans Cabioch, 1968
albescens Johnston, 1842
arenosa Hentschel, 1929
aspera Schwartzchevski, 1905, 1905
aurantiaca (Schmidt, 1864)
axinelloides Schwartzchevski, 1905, 1905
bowerbanki Burton, 1930
bowerbanki subsp. *stellifera* Breton *et al.*, 1995

- brunnea* (Schmidt, 1868)
 = *Raspaigella brunnea*
colossea Lundbeck, 1902
contorta (Sarà, 1961)
 = *Topsentia contorta*
convolvens Sarà, 1960
coralloides Bowerbank, 1882
cornuloides Burton, 1954
difficilis Lundbeck, 1902
diversispiculata Burton, 1930
dubia (Czerniavsky, 1880)
 = *Amorphina dubia*
fibrosa (Fristedt, 1887)
 = *Amorphina fibrosa*
foraminosa (Czerniavsky, 1880)
 = *Pellina foraminosa*
glabra Bowerbank, 1866
grisea (Fristedt, 1887)
 = *Amorphina grisea*
heterorrhaphis Breitfuss, 1912
labiata Hentschel, 1929
lactea (Bowerbank, 1866)
 = *Hymeniacion lactea*
lambei Brøndsted, 1933
leuconoides Topsent, 1892, 1904
longispicula (Czerniavsky, 1880)
 = *Pellina longispicula*
membrana (Bowerbank, 1866)
 = *Hymeniacion membrana*
nodosa (Fristedt, 1887)
 = *Amorphina nodosa*
normani Burton, 1930
oblonga (Hansen, 1885)
 = *Reniera oblonga*
osculum Lundbeck, 1909
paciscens (Schmidt, 1875)
 = *Amorphina paciscens*
panicea (Pallas, 1766)
 = *Spongia panicea*
renieroides (Fristedt, 1887)
 = *Amorphina renieroides*
semitubulosa subsp. *pontica* (Czerniavsky, 1880)
sitiens (Schmidt, 1870)
 = *Eumastia sitiens*
tenera (Marenzeller, 1877)
 = *Isodictya tenera*
tenuiderma Lundbeck, 1902
tenuispiculata Brøndsted, 1916
topsenti DeLaubenfels, 1936
velamentosa (Hansen, 1880)
 = *Amorphina velamentosa*
Hymeniacion
assimilis (Levinsen, 1886)
aurea (Montagu, 1818)
 = *Spongia aurea*
fallax Bowerbank, 1866
consimilis Ferrer-Hernandez, 1914
fasciculata (Fristedt, 1887)
 = *Amorphina fasciculata*
gorbunovi Rezvoj, 1932
heliophila (Parker, 1910)
 = *Stylotella heliophila*
kitchingi (Burton, 1935)
 = *Rhaphidostyla kitchingi*
luxurians (Lieberkühn, 1859)
 = *Halichondria luxurians*
perlevis (Montagu, 1818)
 = *Spongia perlevis*
plumiger Ferrer-Hernandez, 1914
simplex Bowerbank, 1882
virgulatum Bowerbank, 1875, 1882)
Leucophloeus
ibericus Ferrer-Hernandez, 1914
mixtus Sarà, 1958, 1978
Petromica
grimaldii Topsent, 1898
Stylinos
fristedti Topsent, 1892
Spongosorites
cavernicola Bibiloni, 1993
difficilis (Lundbeck, 1902)
fibrosa (Fristedt, 1887)
 = *Amorphina fibrosa*
flavens Pulitzer-Finali, 1983
genitrix (Schmidt, 1870)
 = *Amorphina genitrix*
intricatus (Topsent, 1892)
maxima Uriz, 1978
placenta Topsent, 1896
placenta subsp. *rigidior* Topsent, 1904
Topsentia
annandalei (Ferrer-Hernandez, 1922)
 = *Oxeostilon annandalei*
fibrosa (Fristedt, 1887)
 = *Halichondria fibrosa*
garciae Bibiloni, 1993
glabra (Topsent, 1898)
 = *Anisoxya glabra*
pachastrelloides (Topsent, 1892)
 = *Halichondria pachastrelloides*
subtilis (Pulitzer-Finali, 1983)
 = *Laminospongia subtilis*
topsenti (Lévi & Vacelet, 1958)
 = *Spongosorites topsenti*
tenuispinosum (Topsent, 1894)
Order Poecilosclerida
Suborder Microcionina
Family Raspaillidae
Acantheurypon
pilosella Topsent, 1904
scabiosum Topsent, 1928
Cyamon
spinispinosum (Topsent, 1892)
Dragmatyle
lictor Topsent, 1928
Endectyon
deLaubenfelsi Burton, 1930
pilosus Vacelet, 1961
teissieri Cabioch, 1968
Eurypon
cinctum Sara, 1960
clavatum (Bowerbank, 1866)
coronula (Bowerbank, 1874)
 = *Hymeraiphia coronula*
(Rhabdoploca) curvispiculifera subsp. *geniculatum*
 (Topsent, 1892)
denisae Vacelet, 1969
ditoxa Stephens, 1921
hispidulum (Topsent, 1904)
(Acantheurypon) incipiens (Topsent, 1928)
lacazei (Topsent, 1891)
longispiculum (Carter, 1874)
 = *Microcionia longispiculum*
major Sara & Siribelli, 1960
microchela Stephens, 1921
minimum (Topsent, 1892)
 = *Hymeraiphia minimum*
(Acantheurypon) mixtum Topsent, 1928
(Acantheurypon) mucronale (Topsent, 1928)
mucronatum (Topsent, 1904)
obtusum Vacelet, 1969
radiatum (Bowerbank, 1866)
 = *Hymedesmia radiatum*
simplex (Bowerbank, 1866)
 = *Halichondria simplex*
(Acantheurypon) spinispinosum (Topsent, 1904)
spitzbergensis (Fristedt, 1887)
 = *Hymeraiphia spitzbergensis*
topsenti Pulitzer-Finali, 1983

- vesicularis* Sara & Siribelli, 1960
- Hemectyon**
- atlanticus* (Lévi & Vacelet, 1958)
- Heterectya**
- villosa* Thiele, 1898
- Hymeraphia**
- stellifera* Bowerbank, 1864, 1866
- verticillata* Bowerbank, 1866
- Janulum**
- spinispiculum* (Carter, 1876)
- = *Isodictya spinispiculum*
- Raspaciona**
- aculeata* (Johnston, 1842)
- = *Halichondria aculeata*
- calva* Sara, 1958
- robusta* Sara, 1958
- Raspailia**
- agnata* (Topsent, 1896)
- = *Axinella agnata*
- bathyalis* Boury-Esnault *et al.*, 1993
- (*Syringella*) *falcifera* Topsent, 1892, 1904
- formidabilis* Hanitsch, 1895
- freyeri* Schmidt, 1862
- gracillima* Topsent, 1894
- hispidata* (Montagu, 1818)
- = *Spongia hispidata*
- howsei* (Bowerbank, 1866)
- = *Dictyocylindrus howsei*
- (*Syringella*) *humilis* Topsent, 1892, 1904
- radiosa* (Bowerbank, 1866)
- = *Dictyocylindrus radiosa*
- ramosa* (Montagu, 1818)
- = *Spongia ramosa*
- rectangula* (Bowerbank, 1874)
- = *Dictyocylindrus rectangula*
- setosa* (Bowerbank, 1873)
- = *Dictyocylindrus setosa*
- ventilabrum* (Bowerbank, 1866)
- = *Dictyocylindrus ventilabrum*
- viminalis* Schmidt, 1862
- virgultosa* (Bowerbank, 1866)
- = *Dictyocylindrus virgultosa*
- Rhabdeurypon**
- spinosum* Vacelet, 1969
- Rhabdoploca**
- curvispiculifera* (Carter, 1880)
- Tricheurypon**
- viride* (Topsent, 1889)
- = *Hymeraphia viride*
- Family Rhabderemiidae**
- Rhabderemia**
- fascicularis* Topsent, 1927, 1928
- gallica* VanSoest & Hooper, 1993
- guernei* Topsent, 1890
- intexta* (Carter, 1876)
- = *Microciona intexta*
- minutula* sensu Solorzano, 1991
- mutans* Topsent, 1927, 1928
- ?*parasitica* (Carter, 1876)
- = *Corticium ?parasitica*
- profunda* Boury-Esnault *et al.*, 1994
- spinosa* Topsent, 1896
- topsendi* Van Soest & Hooper, 1993
- toxigera* Topsent, 1892
- Family Microcionidae**
- Antho**
- arctica* (Koltun, 1959)
- = *Plocamia arctica*
- brattegardii* VanSoest & Stone, 1986
- circonflexa* (Lévi, 1960)
- = *Plocamilla circonflexa*
- coriacea* (Bowerbank, 1874)
- = *Isodictya coriacea*
- coriacea* subsp. *elegans* (Ridley & Dendy, 1887)
- dichotoma* (Esper, 1794)
- erecta* (Ferrer-Hernandez, 1922)
- = *Plocamilla erecta*
- fragilis* (Koltun, 1959)
- = *Plocamia fragilis*
- involvens* (Schmidt, 1864)
- = *Myxilla involvens*
- involvens* subsp. *inconstans* (Topsent, 1925)
- lundbecki* (Breitfuss, 1897)
- novizelanica* (Ridley, 1881)
- oxeifera* (Ferrer-Hernandez, 1921)
- = *Clathria oxeifera*
- paradoxa* (Babic, 1922)
- paucispina* Sara & Siribelli, 1962
- Artemisina**
- apollinis* Ridley & Dendy, 1886
- arcigera* (Schmidt, 1870)
- = *Suberites arcigera*
- erecta* Topsent, 1904
- hispanica* Ferrer-Hernandez, 1919
- transiens* Topsent, 1892
- Bubaropsis**
- alborani* Boury-Esnault *et al.*, 1994
- Clathria**
- acanthotoxa* (Stephens, 1916, 1921)
- = *Eurypon acanthotoxa*
- anancora* (Topsent, 1904)
- anchorata* (Carter, 1874)
- = *Dictyocylindrus anchorata*
- angularis* (Sara & Siribelli, 1960)
- = *Microciona angularis*
- armata* (Bowerbank, 1866)
- = *Microciona armata*
- ascendens* (Cabiocch, 1968)
- = *Microciona ascendens*
- assimilis* (Topsent, 1925)
- = *Microciona assimilis*
- atrasanguinea* (Bowerbank, 1862, 1866)
- = *Microciona atrasanguinea*
- barleei* (Bowerbank, 1866)
- = *Isodictya barleei*
- basifixa* (Topsent, 1913)
- = *Ophlitaspongia basifixa*
- bitoxa* (Burton, 1930)
- = *Hymantho bitoxa*
- campecheae* Hooper, 1996
- cantabrica* (Orueta, 1901)
- chelifera* Lévi, 1960
- cleistochela* (Topsent, 1925)
- compressa* Schmidt, 1862
- coralloides* (Olivi, 1792)
- ctenichela* (Alander, 1942)
- = *Microciona ctenichela*
- delicata* Lambe, 1900
- depressa* Sara & Melone, 1966
- dianae* (Schmidt, 1875)
- = *Suberites dianae*
- ditoxa* (Stephens, 1916)
- = *Eurypon ditoxa*
- duplex* (Sara, 1958)
- = *Microciona duplex*
- elliptichela* (Alander, 1942)
- = *Microciona elliptichela*
- fallax* (Bowerbank, 1866)
- = *Microciona fallax*
- fregeti* (Vacelet, 1969)
- = *Microciona fregeti*
- frondiculata* (Schmidt, 1864)
- gradalis* Topsent, 1925
- haplotoxa* (Topsent, 1928)
- = *Microciona haplotoxa*
- heterotoxa* (Hentschel, 1929)
- = *Microciona heterotoxa*
- hjorti* (Amenes, 1920)
- intermedia* (Burton, 1930)
- = *Paresperia intermedia*

- jolicoeuri* (Topsent, 1892)
 = *Rhaphidophus jolicoeuri*
laevis (Bowerbank, 1866)
 = *Microciona laevis*
levii (Sara & Siribelli, 1960)
 = *Microciona levii*
macrochela (Lévi, 1960)
marissuperi Pulitzer-Finali, 1983
microchela (Stephens, 1916, 1921)
normani (Burton, 1930)
 = *Hymantho normani*
osismica (Cabiocch, 1968)
 = *Microciona osismica*
plurityla Pulitzer-Finali, 1983
palmatichela (Topsent, 1928)
 = *Hymedesmia palmatichela*
poecilosclera (Sara & Siribelli, 1960)
 = *Microciona poecilosclera*
primitiva (Koltun, 1956)
schmitti (De Laubenfels, 1942)
 = *Echinocladia schmitti*
seriata (Grant, 1826)
spinarcus (Carter & Hope, 1889)
 = *Microciona spinarcus*
strepsitoxa (Carter & Hope, 1889)
 = *Microciona strepsitoxa*
tenuissima (Stephens, 1916, 1921)
 = *Eurypon tenuissima*
toximajor (Topsent, 1925)
toxirecta (Sara & Siribelli, 1960)
 = *Microciona toxirecta*
toxistricta Topsent, 1925
toxistyla (Sara, 1959)
 = *Microciona toxistyla*
toxitenis Topsent, 1925
toxivaria (Sara, 1959)
 = *Microciona toxivaria*
translata (Pulitzer-Finali, 1978)
 = *Ophlitaspongia translata*
tricurvatifera Carter, 1876
- Melonchela*
clathriata Koltun, 1955, 1959
Ophlitaspongia
papilla Ferrer-Hernandez, 1914, 1921
- Family Iophonidae**
Acarus
levii Vacelet, 1960
tortilis Topsent, 1892
Acheliderma
lemniscata Topsent, 1892
Anisotylacantha
curvata Vacelet, 1969
Astylinifer
planus Topsent, 1904
Cornulotrocha
cheliradians Topsent, 1927
Cornulum
enteromorphoides Fristedt, 1887
textile Carter, 1876
ascidioides Fristedt, 1887
- Iophon*
chelifer Ridley & Dendy, 1886
doglieli Koltun, 1955
dubius (Hansen, 1880)
frigidus Lundbeck, 1909
frigidus subsp. *gracilis* Hentschel, 1929
funis Topsent, 1892
hyndmani (Bowerbank, 1864, 1866)
 = *Halichondria hyndmani*
nigricans (Bowerbank, 1866)
 = *Halichondria nigricans*
piceus (Vosmaer, 1882, 1885)
 = *Alecion piceus*
pommeraniae Thiele, 1903
scandens (Bowerbank, 1866)
- = *Halichondria scandens*
spinulentum (Bowerbank, 1866)
 = *Microciona spinulentum*
variopocillatus A. Lander, 1942
- Quintoxilla*
arcitenens (Topsent, 1892)
 = *Myxilla arcitenens*
- Suborder Myxillina**
Family Tedaniidae
Tedania
anhelans (Lieberkühn, 1859)
 = *Halichondria anhelans*
commixta Ridley & Dendy, 1886
conuligera Topsent, 1892, 1904
flexistrongyla Koltun, 1959
fragilis Lambe, 1900
phacellina Topsent, 1928
suctoria Schmidt, 1870
- Family Myxillidae**
Hymenancora
conjungens Lundbeck, 1910
duplicata (Lundbeck, 1910)
 = *Hymedesmia duplicata*
interjecta Lundbeck, 1910
pecqueryi (Topsent, 1892, 1904)
 = *Myxilla pecqueryi*
pectinata (Topsent, 1892)
 = *Dendoryx pectinata*
tenuisclera (Lundbeck, 1910)
 = *Hymedesmia tenuisclera*
- Melonanchora*
elliptica Carter, 1874
emphysema (Schmidt, 1875)
 = *Desmacidon emphysema*
- Myxilla*
acribaria De Laubenfels, 1942
barentsi Vosmaer, 1885
behringensis Lambe, 1900
brunnea (Hansen, 1880)
dentata Topsent, 1928
diversiancorata Lundbeck, 1905
fasciculata (Pallas, 1766)
fibrosa Levinsen, 1893
fibriata (Bowerbank, 1866)
 = *Isodictya fibriata*
fibriata subsp. *flexitornota* Rezvoi, 1925
(Stelodoryx) flabellata Burton, 1959
hastatispiculata Schwartzschewski, 1905
incrustans (Johnston, 1842)
 = *Halichondria incrustans*
incrustans subsp. *reses* (Topsent, 1892)
incrustans subsp. *viscosa* (Topsent, 1892, 1904)
inequitornota Burton, 1931
iophonoides Schwartzschewski, 1905
iotrochotina (Topsent, 1892)
 = *Dendoryx iotrochotina*
macrosigma Boury-Esnault, 1971
mariana subsp. *polysigma* Topsent, 1904
parasitica (Lambe, 1900)
pedunculata Lundbeck, 1905
perspinosa Lundbeck, 1909
(Stelodoryx) pluridentata (Lundbeck, 1905)
(Stelodoryx) procera Topsent, 1904
prouhoi (Topsent, 1892)
 = *Damiria prouhoi*
rosacea (Lieberkühn, 1859)
 = *Halichondria rosacea*
septentrionalis Fristedt, 1887
tridens Schmidt, 1864
veneta Schmidt, 1862
- Paramyxilla*
mediterranea Sara & Siribelli, 1960
Plocamiancora
arndti A. Lander, 1942

Styloptilon

anchoratum Cabioch, 1968

Family Iotrochotidae

Iotrochota

abyssi (Carter, 1874)

= *Halichondria abyssi*

acanthostylifera (Stephens, 1916, 1921)

= *Iotrochota acanthostylifera*

affinis (Lundbeck, 1909)

= *Iotrochota affinis*

magna (Lambe, 1900)

= *Iotrochota magna*

oxeata (Lundbeck, 1909)

= *Iotrochota oxeata*

polydentata (Lundbeck, 1905)

= *Iotrochota polydentata*

rotula (Topsent, 1904)

= *Hymetrochota rotula*

rotulancora (Lundbeck, 1909)

= *Iotrochota rotulancora*

spinosa (Lundbeck, 1905)

= *Iotrochota spinosa*

topsentii (Burton, 1930)

= *Hymenotrocha topsentii*

varidens (Lundbeck, 1905)

= *Iotrochota varidens*

Family Crambeidae

Crambe

crambe (Schmidt, 1862)

= *Suberites crambe*

tailiezi Vacelet & Boury-Esnault, 1982

tuberosa Maldonado & Benito, 1991

Discorhabdella

hindei Boury-Esnault *et al.*, 1992

tuberosocapitatum (Topsent, 1892)

= *Hymenaphia tuberosocapitatum*

Family Desmacididae

Desmacidon

adriaticum Sara, 1969

anceps Schmidt, 1874

fruticosum (Montagu, 1818)

= *Spongia fruticosum*

funicatus Schmidt, 1870

peltatus Topsent, 1904

Family Dendoricellidae

Dendoricella

abyssi (Topsent, 1904)

= *Desmacidon abyssi*

flabelliformis (Hansen, 1885)

= *Myxilla flabelliformis*

rhopalum Lundbeck, 1905

Family Coelosphaeridae

Chaetodoryx

insinuans (Topsent, 1936)

= *Coelectys insinuans*

Coelosphaera

appendiculatum (Carter, 1874)

= *Histoderma appendiculatum*

(*Histodermium*) *crystos* (Boury-Esnault *et al.*, 1994)

macrosigma (Topsent, 1892)

= *Gellius macrosigma*

phlyctenodes (Carter, 1876)

= *Halichondria phlyctenodes*

physa (Schmidt, 1875)

= *Desmacidon physa*

picoensis Topsent, 1928

tunicata (Schmidt, 1870)

= *Desmacidon tunicata*

Echinostylinos

reticulatus Topsent, 1927

Ectydoryx

atlanticus Stephens, 1916, 1921

balanoides Koltun, 1959

clavigera (Levinson, 1887)

derjugini (Breitfuss, 1897)

foliatus (Fristedt, 1887)

= *Hastatus foliatus*

indistinctus (Fristedt, 1887)

= *Hastatus indistinctus*

kovdaicum (Rezvoj, 1932)

loyningi Burton, 1934

multiformis Brøndsted, 1932

olgae Hentschel, 1929

oligacantha Hentschel, 1929

Forcepia

assimilis (Lundbeck, 1905)

= *Leptolabis assimilis*

brunnea (Topsent, 1904)

= *F. forcipula* subsp. *brunnea*

bulbosa (Carter, 1876)

= *Halichondria forcipis* subsp. *bulbosa*

covergens (Topsent, 1928)

= *Leptolabis covergens*

dentifera (Topsent, 1928)

= *Clinolabis dentifera*

exilis (Topsent, 1892)

= *Leptosia exilis*

fabricans (Schmidt, 1874)

= *Esperia fabricans*

forcipis (Bowerbank, 1866)

forcipula Topsent, 1904

fragilis Stephens, 1917

groenlandica Fristedt, 1887

imperfecta Topsent, 1904

luciensis (Topsent, 1888)

= *Dendoryx luciensis*

megachela (Maldonado, 1992)

= *Leptolabis megachela*

psammophila (Cabioch, 1968)

= *Ectoforcepia psammophila*

pustula (Fristedt, 1887)

= *Esperia pustula*

thielei Lundbeck, 1905

topsentii Lundbeck, 1905

versatilis Topsent, 1904

Histodermella

apuliae Sara, 1969

ingolffi Lundbeck, 1905

Inflatella

pellicula Schmidt, 1875

rhodus (Hentschel, 1929)

= *Hymedesmia rhodus*

tubulosa (Topsent, 1904)

viridis (Topsent, 1892)

= *Joyeuxia viridis*

Lissodendoryx

amaknakensis (Lambe, 1900)

basispinosa Sara, 1958

caduca (Schmidt, 1868)

(*Anomodoryx*) *cavernosa* (Topsent, 1892)

= *Damiria cavernosa*

certa (Topsent, 1892)

= *Dendoryx certa*

complicata (Hansen, 1885)

corallorhizoides (Fristedt, 1887)

= *Clathria corallorhizoides*

diversichela Lundbeck, 1905

fertilior Topsent, 1904

firma (Lambe, 1900)

fragilis (Fristedt, 1885)

= *Hastatus fragilis*

isodictyalis (Carter, 1882)

isodictyalis subsp. *paucispinosa* Topsent, 1928

laxa De Laubenfels, 1935

lobosa Lundbeck, 1905

lundbecki Topsent, 1913

(*Waldoschmittia*) *mediterranea* (Sara & Siribelli, 1960)

= *Paramyxilla mediterranea*

polymorpha Topsent, 1928
 (= *Waldoschmittia schmidti* (Ridley, 1884))
simplex (Topsent, 1928)
sophia (Fristedt, 1887)
 = *Esperia sophia*
stipitata (Arnesen, 1903)
vicina Lundbeck, 1905

Family Crellidae

Anisocrella
hymedesmina Topsent, 1927

Crella
akraleitae (Brøndsted, 1932)
 = *Grayella akraleitae*
alba (Vacelet, 1969)
 = *Pytheas alba*
albula (Bowerbank, 1866)
 = *Halichondria albula*
atra (Topsent, 1892, 1904)
 = *Pytheas atra*
basispinosa Burton, 1931
carcosa (Topsent, 1904)
 = *Yvesia carcosa*
digitifera (Lévi, 1959)
 = *Pytheas digitifera*
dispar (Topsent, 1904)
 = *Yvesia dispar*
donsi Burton, 1931
elegans (Schmidt, 1862)
 = *Cribrella elegans*
fallax (Topsent, 1892, 1904)
 = *Yvesia fallax*
fusifera Sara, 1969
gelida Lundbeck, 1910
gergensteini (Schwartzschevski, 1880)
 = *Amphilectus gergensteini*
gracilis (Alander, 1942)
 = *Yvesia gracilis*
guernei (Topsent, 1892, 1904)
 = *Yvesia guernei*
hanseni (Topsent, 1892, 1904)
 = *Yvesia hanseni*
hospitatis (Schmidt, 1870)
jaegerskioldi Alander, 1937
linguifera (Topsent, 1892, 1904)
 = *Yvesia linguifera*
lobata (Arnesen, 1903)
 = *Yvesia lobata*
mamillata (Arnesen, 1903)
 = *Yvesia mamillata*
mollior Topsent, 1925
nodulosa Sara, 1969
papillosa (Schmidt, 1870)
 = *Cribrella papillosa*
pedunculata (Topsent, 1892)
 = *Yvesia pedunculata*
pertusa (Topsent, 1892, 1904)
 = *Yvesia pertusa*
polymastia (Thiele, 1903)
 = *Grayella polymastia*
pulvinar (Schmidt, 1868)
 = *Myxilla pulvinar*
pyrula (Carter, 1876)
 = *Cometella pyrula*
richardi (Topsent, 1892, 1904)
 = *Yvesia richardi*
ridleyi (Topsent, 1892, 1904)
 = *Yvesia ridleyi*
rosea (Topsent, 1892)
 = *Yvesia rosea*
rubiginosa (Schmidt, 1862)
 = *Myxilla rubiginosa*
schottlander Arndt, 1913
sigmata (Topsent, 1925)
topsenti (Babiş, 1922)
 = *Grayella topsenti*

Crellastrina
alecto (Topsent, 1898)
 = *Yvesia alecto*

Crellomima
derma Hentschel, 1929
imparidens Rezvoy, 1923
incrustans Hentschel, 1929

Family Hymedesmiidae

Hamigera
hamigera (Schmidt, 1862)
 = *Cribrella hamigera*
stipitata Arnesen, 1903

Hemimycale
columella (Bowerbank, 1866)
 = *Desmacidon columella*

Herceus
orientalis Koltun, 1959

Hymedesmia
acerata (Topsent, 1904)
aequatus Lundbeck, 1910
baculifera (Topsent, 1901)
basispinosa Lundbeck, 1910
biscutella Topsent, 1928
bocki Alander, 1942
bowerbanki Lundbeck, 1910
bractea Lundbeck, 1910
castanea Sara, 1964
chlorosa Alander, 1942
clavigera (Levinsen, 1887)
 = *Esperella clavigera*
consanguinea Lundbeck, 1910
constellata (Topsent, 1904)
 = *Leptosastra constellata*
cordichela Alander, 1942
coriacea (Fristedt, 1885)
 = *Stylopus coriacea*
coronula (Bowerbank, 1866)
 = *Hymenaphia coronula*
crux (Schmidt, 1875)
 = *Desmacidon crux*
curvichela Lundbeck, 1910
depressa Topsent, 1928
derjugini (Breitfuss, 1897)
dermata Lundbeck, 1910
digitata Lundbeck, 1910
donsi Alander, 1937
dubia (Lundbeck, 1910)
ebria Alander, 1937
filifera (Schmidt, 1870 also)
 = *Desmacidon tunicatum*
flaccida Topsent, 1928
gisleni Alander, 1942
gracilisigma Topsent, 1928
grandis Lundbeck, 1910
gunhildae Alander, 1942
gustafsoni Alander, 1942
hallmanni Topsent, 1928
helgae Stephens, 1916, 1921
hibernica Stephens, 1916, 1921
inflata (Alander, 1937)
 = *Hymoxenia inflata*
inflata Vacelet, 1969
irregularis Lundbeck, 1910
jecusculum (Bowerbank, 1866)
 = *Hymeniacidon jecusculum*
jugalis Topsent, 1928
koehleri (Topsent, 1896)
lacera Lundbeck, 1910
lamina Lundbeck, 1910
latrunculioides Lundbeck, 1910
lenta Descatoire, 1966
levis Lundbeck, 1910
lobichela Topsent, 1928
longistylus Lundbeck, 1910
longurius Lundbeck, 1910

- macrosigma* Lundbeck, 1910
mamillaris (Fristedt, 1885)
 = *Hastatus mamillaris*
manubriata (Topsent, 1928)
matthesi Arndt, 1941
mertoni? sensu Boury-Esnault & Lopes, 1985
microchela Alander, 1942
minuta Alander, 1935
mollis Lundbeck, 1910
mucronata (Topsent, 1913)
mucronella Lundbeck, 1910
mutabilis (Topsent, 1904)
mutabilis subsp. *costata* Topsent, 1928
nigrescens (Topsent, 1925)
norvegica Thiele, 1903
nummulus Lundbeck, 1910
obtusata Topsent, 1928
occulta Bowerbank, 1874
odhneri (Alander, 1942)
 = *Stylopus odhneri*
omissa Topsent, 1938
oxneri Topsent, 1928
pachychela Topsent, 1928
pansa Bowerbank, 1882
paupertas (Bowerbank, 1866)
 = *Hymeniacion paupertas*
peachi Bowerbank, 1882
pennata Brøndsted, 1932
perforata Lundbeck, 1910
pilata Bowerbank, 1882
planca Lundbeck, 1910
planisigma Topsent, 1928
plicata Topsent, 1928
poicilacantha Alander, 1942
primitiva Lundbeck, 1910
procumbens Lundbeck, 1910
proteida (Schmidt, 1875)
proxima Lundbeck, 1910
pugio Lundbeck, 1910
pulposa (Topsent, 1925)
rhapigena (Topsent, 1904)
 = *Leptosia rhapigena*
rissoi (Topsent, 1936)
rugosa Lundbeck, 1910
senegalensis Lévi, 1952
serrulata Vacelet, 1969
simillima Lundbeck, 1910
similis Lundbeck, 1910
sirventi (Topsent, 1928)
 = *Leptosia sirventi*
spinosa Stephens, 1916, 1921
splenium Lundbeck, 1910
stephensi (Burton, 1930)
 = *Ectyodoryx stephensi*
storea Lundbeck, 1910
stylata Lundbeck, 1910
stylifer (Alander, 1942)
 = *Stylopus stylifer*
tenicula Lundbeck, 1910
tenuligma Lundbeck, 1910
thielei Alander, 1942
trichoma Lundbeck, 1910
truncata Lundbeck, 1910
umbellifera (Topsent, 1904)
veneta (Schmidt, 1862)
versicolor (Topsent, 1893)
verrucosa Lundbeck, 1910
vidua (Schmidt, 1875)
 = *Spirastrella vidua*
vomerula Topsent, 1928
zetlandica Bowerbank, 1866
Phorbas
arneseni Topsent, 1913
baffini (Brøndsted, 1933)
 = *Stylostichon baffini*
bihamigerum (Waller, 1878)
demonstrans (Topsent, 1892)
 = *Suberotelites demonstrans*
dendyi (Topsent, 1892)
 = *Stylostichon dendyi*
dives (Topsent, 1891)
 = *Microcionia dives*
equiosculatum (Pansini, 1987)
 = *Stylostichon equiosculatum*
fibulatum Topsent, 1893
fictitius (Bowerbank, 1866)
 = *Microcionia fictitius*
kovdaicum (Rezvoi, 1932)
lieberkuehni (Burton, 1930)
mercator (Schmidt, 1868)
microchelifer (Cabioch, 1968)
 = *Pronax microchelifer*
microcionides (Carter, 1876)
 = *Plumohalichondria microcionides*
papillata (Arnesen, 1903)
 = *Plumohalichondria papillata*
paupertas? sensu Boury-Esnault, 1971
perarmatus (Bowerbank, 1866)
 = *Hymeniacion perarmatus*
plumosus (Montagu, 1818)
 = *Spongia plumosus*
posidoni Voultziadou & Van Soest, 1991
repens (Topsent, 1904)
 = *Pronax repens*
roemeri (Hentschel, 1929)
 = *Anchinoe roemeri*
 aff. *stylata* Burton, 1930
tenacior (Topsent, 1925)
Plocamionida
ambigua (Bowerbank, 1866)
 = *Microcionia ambigua*
Pseudohalichondria
clavatancora (Topsent, 1928)
 = *Acanthancora clavatancora*
schmidti (Topsent, 1898)
 = *Leptosia schmidti*
Spanioplon
armaturum (Bowerbank, 1866)
 = *Hymeniacion armaturum*
fertile Topsent, 1892, 1904
osculosum (Topsent, 1892)
 = *Amphilectus osculosum*
Suborder Mycalina
Family Mycalidae
Esperiopsis
artemisiae Brøndsted, 1932
columnata Topsent, 1904
decora Topsent, 1904
digitata Miklucho-Maclay, 1870
forcipula Lundbeck, 1905
fuorum (Esper, 1794)
glomeris Topsent, 1904
incognita Stephens, 1916, 1921
lobata (Montagu, 1818)
 = *Spongia lobata*
macrosigma Stephens, 1916, 1921
pedicellata Lundbeck, 1905
polymorpha Topsent, 1892, 1904
praedita Topsent, 1892, 1904
rigida Lambe, 1900
schmidti Arnesen, 1903
strongylatus (Alander, 1942)
 = *Amphilectus strongylatus*
strongylophora Vacelet, 1969
typichela Lundbeck, 1909
villosa (Carter, 1874)
 = *Esperia villosa*
Mycale
adhaerens (Lambe, 1893)
adhaerens subsp. *fibrosa* Koltun, 1959

- albicans* (Topsent, 1892)
 = *Esperella albicans*
arctica (Fristedt, 1887)
 = *Esperla lingua*
(Raphidotheca) arctica Hentschel, 1929
(Paresperella) atlantica Stephens, 1917
bolivari Ferrer-Hernandez, 1914
borassus (Carter, 1876)
 = *Esperia borassus*
bowerbanki (Schmidt, 1862)
 = *Esperia bowerbanki*
contareni (Martens, 1824)
dentata Sara, 1958
dubia (Czerniavsky, 1880)
 = *Esperia dubia*
fascibula (Topsent, 1904)
foraminosa (Schmidt, 1862)
 = *Esperia foraminosa*
hamata (Topsent, 1892)
 = *Esperella hamata*
helios (Fristedt, 1887)
 = *Esperia helios*
(Oxymycale) intermedia (Schmidt, 1874)
 = *Esperia intermedia*
irregularis (Czerniavsky, 1880)
 = *Esperia irregularis*
lanugo (Schmidt, 1875)
 = *Esperia lanugo*
lindbergi Koltun, 1958, 1959
lingua (Bowerbank, 1866)
 = *Raphiodesma lingua*
lobimana (Czerniavsky, 1880)
 = *Protoesperia lobimana*
longistyla Koltun, 1958, 1959
(Gomphostegia) loricata Topsent, 1896, 1904
loveni (Esper, 1887)
 = *Esperia loveni*
macilenta (Bowerbank, 1866)
 = *Hymeniacion storeum*
 = *Hymeniacion macilenta*
marshallhalli (Kent, 1870)
 = *Raphidotheca marshallhalli*
massa (Schmidt, 1862)
 = *Esperia massa*
micracanthoxea Buizer & Van Soest, 1977
minima (Waller, 1880)
 = *Raphiodesma minima*
mollis (Topsent, 1892)
 = *Esperella mollis*
muscoides (Czerniavsky, 1880)
 = *Esperia muscoides*
papillosa Koltun, 1959
papillosa subsp. *dulkeiti* Koltun, 1959
papillosa subsp. *ochotensis* Koltun, 1959
retifera Topsent, 1924
rotalis (Bowerbank, 1874)
 = *Desmacidon rotalis*
sanguinea Tsumamal, 1969
serrulata Sara & Siribelli, 1960
similaris (Bowerbank, 1874)
 = *Raphiodesma similaris*
 = *Raphiodesma sordida*
strelnicovi Rezvoi, 1932
syrinx (Schmidt, 1862)
 = *Esperia syrinx*
 = *Esperia syrinx*
titubans (Schmidt, 1870)
 = *Desmacidon titubans*
toporoki Koltun, 1958, 1959
tuberosa (Schmidt, 1868)
 = *Esperia tuberosa*
tunicata (Schmidt, 1862)
 = *Esperia tunicata*
tylota Koltun, 1958, 1959
varpachowski Schwartzchevski, 1905
velutata (Schmidt, 1862)
 = *Esperia velutata*
vosmaeri (Levinsen, 1886)
 = *Esperella vosmaeri*
Phlyctaenopora
bitorquis Topsent, 1904
Ulosa
stuposa (Esper, 1794)
 = *Spongia stuposa*
tenellula Pulitzer-Finali, 1983
tubulata Pulitzer-Finali, 1983
Family Cladorhizidae
Asbestopluma
bihatifera (Carter, 1876)
 = *Esperia cupressiformis* subsp. *bihatifera*
cupressiformis (Carter, 1874)
 = *Esperia cupressiformis*
furcata Lundbeck, 1905
gracilis Koltun, 1955
hydra Lundbeck, 1905
hypogea Vacelet & Boury-Esnault, 1996
infundibulum (Levinsen, 1886)
lycopodium (Levinsen, 1886)
minuta (Lambe, 1900)
pennatula (Schmidt, 1875)
 = *Cladorhiza pennatula*
quadriserialis Tendal, 1973
ramosa Koltun, 1958
versatilis Topsent, 1904
Chondrocladia
alaskensis Lambe, 1900
burtoni Tendal, 1973
gigantea (Hansen, 1880)
pulchra Lambe, 1900
virgata Thomson, 1872
Cladorhiza
abyssicola Sars, 1872
arctica Burton, 1946
bathyrinoides Koltun, 1955
corticocancellata Carter, 1876
 = *C. abyssicola* subsp. *corticocancellata*
gelida Lundbeck, 1905
nobilis Fristedt, 1887
nordenskioldi Fristedt, 1887
oxeata Lundbeck, 1905
tenuisigma Lundbeck, 1905
Euchelipluma
pristina Topsent, 1919
Family Desmacellidae
Biemna
dautzenbergi Topsent, 1892, 1904
gemmulifera Breitfuss, 1897
parthenopea Pulitzer-Finali, 1978
rosea (Fristedt, 1887)
 = *Desmacella rosea*
tenuisigma Pulitzer-Finali, 1978
variantia (Bowerbank, 1858)
 = *Desmacella variantia*
variantia subsp. *peracuta* (Topsent, 1927, 1928)
Desmacella
annexa Schmidt, 1870, 1875
campechiana (Topsent, 1889)
corrugata (Bowerbank, 1866)
grimaldi (Topsent, 1892, 1904)
 = *Biemna grimaldi*
groenlandica Fristedt, 1887
 = *D. peachi* subsp. *groenlandica*
hamifera Lundbeck, 1909
informis Stephens, 1916, 1921
inornata (Bowerbank, 1866)
 = *Halichondria inornata*
meliorata Wiedenmayer, 1978
peachi sensu Ferrer-Hernandez, 1914
pumilio Schmidt, 1870
suberea (Schmidt, 1870)

= *Desmacodes suberea*
vagabunda Schmidt, 1870
velutata (Renier)

= *Spongia velutata*
Dragmatella
aberrans Topsent, 1892

Family Hamacanthidae

Hamacantha
carteri Topsent, 1904
falcula (Bowerbank, 1866)
 = *Halichondria falcula*
integra Topsent, 1904
johnsoni (Bowerbank, 1864)
johnsoni subsp. *complanata* Topsent, 1892
johnsoni subsp. *inelegans* Topsent, 1892
lundbecki Topsent, 1904
megancistra Pulitzer-Finali, 1978
papillata Vosmaer, 1885
schmidti (Carter, 1874)

Merlia
normani/deficiens Kirkpatrick, 1908

Pozziella
clavisaepa Topsent, 1896, 1904

Family Guitarridae

Guitarra
fimbriata Carter, 1874
laplani Boury-Esnault *et al.*, 1993
solorzanoi Cristobo, 1998
voluta Topsent, 1904

Family Isodictyidae

Isodictya
histodermella De Laubenfels, 1942
palmata (Ellis & Solander, 1786)
 = *Spongia palmata*

Order Haplosclerida

Family Petrosiidae

Petrosia
clavata (Esper, 1794)
 = *Spongia clavata*
crassa (Carter, 1876)
 = *Reniera crassa*
ficiformis (Poiret, 1798)
intermedia (Czerniavsky, 1880)
 = *Schmidtia intermedia*
raphida Boury-Esnault *et al.*, 1994
vansoesti Boury-Esnault *et al.*, 1994

Xestospongia
friabilis (Topsent, 1892)
 = *Petrosia friabilis*
magna (Vacelet, 1969)
 = *Reniera magna*
plana (Topsent, 1892)
 = *Reniera plana*
variabilis (*sensu* Topsent, 1892)
 = *Petrosia variabilis*

Family Phloeodictyidae

Aka
infesta (Johnson, 1889)

Calyx
nicaensis (Risso, 1826)
tufa (Ridley & Dendy, 1886)

Oceanapia
aereum (Topsent, 1904)
constructa (Rützler, 1965)
 = *Phloeodictyum constructa*
coriacea (Topsent, 1904)
decipiens (Sara, 1958, 1964)
 = *Phloeodictyon decipiens*
elongata (Topsent, 1892, 1904)
 = *Rhizochalina elongata*
fistulosa (Bowerbank, 1873)
isodictyiformis (Carter, 1882)
 = *Phloeodictyon isodictyiformis*

minor (Sarà, 1958)
 = *Phloeodictyon minor*
nodulosa (Topsent, 1927)
perforata (Sarà, 1960)
putridosa (Lamarck, 1813)
 = *Spongia putridosa*
reticulata Topsent, 1904
robusta (Bowerbank, 1866)
 = *Isodictya robusta*
tuber (Lundbeck, 1909)
vacua (Sarà, 1961)
 = *Phloeodictyon vacua*

Family Callyspongiidae

Callyspongia
septimaniensis Griessinger, 1971
subcornea Griessinger, 1971

Chalinopsilla
tuba Von Lendenfeld, 1889

Siphonochalina
balearica Ferrer-Hernandez, 1916
coriacea Schmidt, 1868
expansa Sarà, 1960

Family Niphatidae

Gelliodes
bifacialis Topsent, 1904
jayalensis Topsent, 1892

Hemigellius
arcoferus (Vosmaer, 1885)
 = *Gellius arcoferus*
hartlaubi (Hentschel, 1929)
 = *Gellius hartlaubi*
plexus (Lundbeck, 1909)
 = *Gelliodes plexus*
porosus (Fristedt, 1887)
 = *Desmacella porosus*
pumiceus (Fristedt, 1885)
 = *Desmacella pumiceus*
styliferus (Von Lendenfeld, 1897)
 = *Gellius styliferus*

Pachychalina
arctica Miklucho-Maclay
fracta Hentschel, 1929
gracilentata Ferrer-Hernandez, 1914
gracilis Miklucho-Maclay
rustica Schmidt, 1868
schmidti Lundbeck, 1902

Family Chalinidae

Chalinula
fertilis Keller, 1880
limbata (Montagu, 1818)
 = *Spongia limbata*
loosanoffi (Hartman, 1958)
 = *Haliclona loosanoffi*
nigra Boury-Esnault & Lopes, 1985
renieroides (Schmidt, 1868)

Cladocroce
fibrosa Topsent, 1892, 1904
spathiformis Topsent, 1904

Dendroxea
adumbrata Corriero *et al.*, 1996
lenis (Topsent, 1892)
 = *Reniera lenis*

Haliclona
accomodata (Schmidt, 1868)
 = *Reniera accomodata*
alba (Schmidt, 1862)
 = *Reniera alba*
albapontica (Czerniavsky, 1880)
 = *Reniera albapontica*
angulata (Bowerbank, 1866)
 = *Halichondria angulata*
aperta (Sarà, 1960)
 = *Reniera aperta*
aquaeductus (Schmidt, 1862)

- = *Reniera aquaeductus*
aquaeductus subsp. *taurica* (Czerniavsky, 1880)
arctica (Fristedt, 1887)
 = *Reniera arctica*
arctica (Hentschel, 1916)
 = *Gellius arctica*
arenata Griessinger, 1971
binaria (Topsent, 1927)
 = *Gellius binaria*
bioxeata Boury-Esnault *et al.*, 1994
bowerbanki Ferrer-Hernandez
bulbifera (Schwartschevski, 1905)
calanus Lundbeck, 1909
calyx (Ridley & Dendy, 1886)
 = *Gellius calyx*
caspia (Grimm, 1885)
cinerea (Grant, 1826)
 = *Spongia cinerea*
citrina (Topsent, 1892)
 = *Reniera citrina*
clavata (Levinsen, 1886)
 = *Reniera clavata*
columbae (Walker, 18xx)
 = *Spongia columbae*
cratera (Schmidt, 1862)
 = *Reniera cratera*
cribrata (Pulitzer-Finali, 1983)
 = *Adocia cribrata*
cribrosa (Czerniavsky, 1880)
 = *Pellinula cribrosa*
cucurbitiformis (Kirkpatrick, 1907)
cylindrigera (Czerniavsky, 1880)
 = *Tedaniella cylindrigera*
digitata subsp. *pontica* (Czerniavsky, 1880)
dubia (Babic, 1922)
esperi (Arnesen, 1903)
 = *Gellius esperi*
fibulata (Schmidt, 1862)
 = *Reniera fibulata*
fistulosa (Bowerbank, 1866)
 = *Isodictya fistulosa*
fistulosa subsp. *latens* (Topsent, 1892)
flagellifera (Ridley & Dendy, 1886)
 = *Gellius flagellifera*
flavescens (Topsent, 1893)
folium (Schmidt, 1870)
 = *Chalimula folium*
foraminosa (Czerniavsky, 1880)
 = *Protoschmidtia foraminosa*
fulva (Topsent, 1893)
 = *Reniera fulva*
glacialis Hentschel, 1916
gracilis (Miklucho-Maclay)
griessingeri Van Lent & De Weerd, 1987
grimmi (Czerniavsky, 1880)
 = *Protoschmidtia grimmi*
groenlandica (Fristedt, 1887)
 = *Chalina groenlandica*
grossa (Schmidt, 1864)
 = *Reniera grossa*
hirsuta Schwartschevski, 1905
hyalina (Schmidt, 1873)
 = *Esperia hyalina*
implexa (Schmidt, 1868)
 = *Reniera implexa*
indistincta (Bowerbank, 1866)
 = *Isodictya indistincta*
inflata (Schmidt, 1862)
 = *Reniera inflata*
inflata subsp. *taurica* (Czerniavsky, 1880)
informis subsp. *taurica* (Czerniavsky, 1880)
irregularis (Czerniavsky, 1880)
 = *Cacothalina irregularis*
lacazei (Topsent, 1892)
laevis (Griessinger, 1971)
- = *Adocia laevis*
laurentina (Lambe, 1900)
laxa (Topsent, 1892)
 = *Rhaphisia laxa*
mamillata (Griessinger, 1971)
 = *Reniera mamillata*
marismedi (Pulitzer-Finali, 1978)
 = *Gellius marismedi*
mediterranea Griessinger, 1971
membranacea (Schmidt, 1868)
 = *Reniera membranacea*
merejkowskii Schwartschevski, 1905
microsigma (Babic, 1922)
 = *Gellius microsigma*
microtoxa (Lundbeck, 1909)
microxifer (Topsent, 1925)
 = *Reniera microxifer*
mollicula (Lundbeck, 1902)
mollis (Schmidt, 1868)
 = *Siphonochalina mollis*
mollis (Lambe, 1900)
mucosa (Griessinger, 1971)
 = *Reniera mucosa*
neens (Topsent, 1918)
nigricans (Czerniavsky, 1880)
 = *Reniera nigricans*
oculata (Pallas, 1766)
 = *Spongia oculata*
omissa (Griessinger, 1971)
 = *Reniera omissa*
palmata (?Ellis & Solander, 1791)
 = *Spongia palmata*
palmonensis Carballo & Garcia-Gomez, 1995
papillifera (Schwartschevski, 1905)
parasitica (Bowerbank, 1866)
 = *Isodictya parasitica*
parenchyma Lundbeck, 1902
parietalis (Topsent, 1893)
 = *Reniera parietalis*
perlucida (Griessinger, 1971)
 = *Reniera perlucida*
pocilliformis (Griessinger, 1971)
 = *Reniera pocilliformis*
poecillastroides (Vacelet, 1969)
 = *Reniera poecillastroides*
pons (Schmidt, 1870)
 = *Reniera pons*
primitiva (Lundbeck, 1902)
protochalina (Czerniavsky, 1880)
 = *Amorphina protochalina*
proxima (Lundbeck, 1909)
pulcherrima (Fristedt, 1885)
pulchra (Schwartschevski, 1905)
pyrrhi (Hanitsch, 1895)
 = *Gellius pyrrhi*
rava (Stephens, 1912, 1917)
 = *Gellius rava*
rectangularis (Ridley & Dendy, 1886)
reptans (Griessinger, 1971)
 = *Adocia reptans*
rhaphidiophora (Brøndsted, 1933)
 = *Gellius rhaphidiophora*
rosea (Bowerbank, 1866)
 = *Isodictya rosea*
rossica (Hentschel, 1929)
 = *Reniera rossica*
sarai (Pulitzer-Finali, 1969)
 = *Reniera sarai*
schmidti (Czerniavsky, 1880)
 = *Pellinula schmidti*
semitubulosa sensu Lieberkühn, 1859
 = *Halichondria semitubulosa*
simplex (Czerniavsky, 1880)
 = *Protoschmidtia simplex*
simulans (Johnston, 1842)

= *Halichondria simulans solowetzkaia* (Hentschel, 1929)
 = *Reniera solowetzkaia spatula* (Lundbeck, 1902)
 = *Chalina spatula spissa* (Topsent, 1892)
 = *Thrinacophora spissa spitzbergensis* Hentschel, 1916
spongiosa (Topsent, 1904)
steueri Burton, 1936
stirpescens (Topsent, 1925)
 = *Reniera stirpescens subtilis* Griessinger, 1971
tenera (Marenzeller)
tenuisigma (Sarà & Siribelli, 1960)
 = *Gellius tenuisigma transitans* (Czerniavsky, 1880)
 = *Protoschmidtia transitans tromsoica* (Hentschel, 1929)
 = *Reniera tromsoica uncinata* (Topsent, 1892)
 = *Gellius uncinata urceola* (Rathke & Vahl, 1806)
 = *Spongia urceola utricula* (Topsent, 1904)
valliculata Griessinger, 1971
varia (Bowerbank, 1875)
varia (Sarà, 1958)
 = *Adocia varia variatubulata* (Sarà, 1958)
 = *Adocia variatubulata vega* (Fristedt, 1887)
 = *Chalina vega venata* (Sarà, 1960)
 = *Adocia venata ventilabrum* (Fristedt, 1887)
 = *Reniera ventilabrum viridis* (Keller, 1881)
viscosa (Topsent, 1887)
 = *Reniera viscosa voeringii* Lundbeck, 1909
xena De Weerd, 1986
Metschnikowia intermedia Grimm, 1885
tuberculata Grimm, 1885
Rhizoniera pedunculata Boury-Esnault *et al.*, 1994
rhizophora (Vacelet, 1969)
 = *Reniera rhizophora*

Order Dictyoceratida

Family Spongiidae

Coscinoderma confragosum Polejaeff, 1884
sporadense Voultsiadou-Koukoura *et al.*, 1991
Hippospongia communis (Lamarck, 1814)
 = *Spongia communis*
Hyattella intestinalis (Lamarck, 1814)
 = *Spongia intestinalis*
Spongia agaricina Pallas, 1766
aurea Montagu, 1818
conus Montagu, 1818
irregularis subsp. *mollior* (Von Lendenfeld, 1889)
laevigata Montagu, 1818
mollissima Schmidt, 1862
nitens (Schmidt, 1862)
 = *Ditela nitens officinalis* Linnaeus, 1759
officinalis subsp. *adriatica* Schmidt, 1862
quarnerensis Schmidt, 1862
virgulosà Schmidt, 1868
zimocca Schmidt, 1862

Family Thorectidae

Aplysinopsis schmidti (Marenzeller, 1877)
Cacospongia carduelis Schmidt, 1864
mollior Schmidt, 1862
proficiens Pulitzer-Finali & Pronzato, 1980
scalaris Schmidt, 1862
Fasciospongia aspergillum (Von Lendenfeld, 1889)
 = *Stelospongia aspergillum cavernosa* (Schmidt, 1862)
 = *Cacospongia cavernosa coerulea* Vacelet, 1959
Hyrtilos collectrix (Schulze, 1879)
 = *Oligoceras collectrix erecta* (Keller, 1889)
 = *Heteronema erecta dendyi* (Ferrer-Hernandez, 1922)
 = *Collospogelia dendyi*
Thorectandra diversispiculifera Ferrer-Hernandez, 1918

Family Irciniidae

Ircinia chevreauxi (Topsent, 1894)
 = *Hircinia chevreauxi collectrix* (Von Lendenfeld, 1889)
 = *Hircinia collectrix condensa* (Topsent, 1891)
 = *Hircinia condensa dendroides* Schmidt, 1862
digitata (Topsent, 1894)
 = *Hircinia digitata fasciculata* (Esper, 1794)
 = *Spongia fasciculata flavescens* Schmidt, 1862
foetida (Schmidt, 1862)
 = *Sarcotragus foetida hebes* Schmidt, 1862
hirsuta Schmidt, 1862
lingua Schmidt, 1868
muscarum (Schmidt, 1862)
 = *Sarcotragus muscarum oros* (Schmidt, 1864)
 = *Hircinia oros panicea* Schmidt, 1862
paucifilamentosa Vacelet, 1961
pipetta (Schmidt, 1868)
procumbens (Polejaeff, 1884)
 = *Cacospongia procumbens retidermata* Pulitzer-Finali & Pronzato, 1980
spinosula (Schmidt, 1862)
 = *Sarcotragus spinosula stipitata* (Topsent, 1894)
 = *Hircinia stipitata variabilis* (Pallas, 1766)
 = *Spongia variabilis variabilis* subsp. *fistulata* Szymanski, 1904
verrucosa (Ferrer-Hernandez, 1914)
 = *Hircinia verrucosa vestibulata* Szymanski, 1904

Order Dendroceratida

Family Dysideidae

Dysidea avara (Schmidt, 1862)
 = *Spongelia avara elastica* (Von Lendenfeld, 1889)
 = *Spongelia elastica elegans* subsp. *pontica* (Czerniavsky, 1880)
fragilis (Montagu, 1818)
 = *Spongia fragilis incrustans* (Schmidt, 1862)
 = *Spongelia incrustans*

- incrustans* (Czemiavsky, 1880)
 = *Spongelia incrustans*
pallescens (Schmidt, 1862)
 = *Spongelia pallescens*
pallescens subsp. *pontica* (Czemiavsky, 1880)
papillosa Johnston, 1842
perforatula Pulitzer-Finali & Pronzato, 1980
tupha (Martens, 1824)
 = *Spongia tupha*
Spongionella
gracilis (Vosmaer, 1883)
pulchella (Sowerby, 1804)
 = *Spongia pulchella*
ramodigitata (Topsent, 1901)
repens (Topsent, 1928)
zelandica (Bowerbank, 1866)
 = *Verongia zelandica*
- Family Darwinellidae**
Aplysilla
glacialis (Merejkowski, 1877)
rosea (Barrois, 1876)
sulfurea Schulze, 1878
Chelonaplysilla
arenosa Hentschel, 1929
erecta (Row, 1911)
noevus (Carter, 1874)
 = *Aplysina noevus*
psammophila (Topsent, 1928)
Darwinella
aurea (Von Lendenfeld, 1889)
australiensis Carter, 1885
corneostellata (Carter, 1872)
 = *Aplysina corneostellata*
dalmatica Topsent, 1905
gardineri Topsent, 1905
duplex Topsent, 1905
intermedia Topsent, 1893
simplex Topsent, 1892
viscosa Boury-Esnault, 1971
Dendrilla
acantha Vacelet, 1958
cirsioides Topsent, 1893
Hexadella
detritifera Topsent, 1904
racovitzai Topsent, 1896
Pleraplysilla
minchini Topsent, 1905
spinifera (Schulze, 1878)
 = *Aplysilla spinifera*
Psammopemma
commune Carter, 1876
finmarchicum Hentschel, 1929
finmarchicum subsp. *spiculosum* Hentschel, 1929
nicaense Pulitzer-Finali & Pronzato, 1980

Order Halisarcida**Family Halisarcidae**

- Halisarca*
dujardini Johnston, 1842
guttula Schmidt, 1864
metschnikowi Lévi, 1953
sputum Topsent, 1893
Myceliospongia
araneosa Vacelet & Perez, 1998?

Order Verongida**Family Aplysinidae**

- Aplysina*
aerophoba Nardo, 1843
carnosa Schmidt, 1862
cavernicola (Vacelet, 1959)
 = *Verongia cavernicola*
massa (Szymanski, 1904)
 = *Aplysinopsis massa*
tuberosa (Szymanski, 1904)

= *Aplysinopsis tuberosa*

Class Calcarea**Subclass Calcinea****Order Clathrinida****Family Clathrinidae**

- Clathrina*
ascandroides Borojevic, 1971
biscayae Borojevic & Boury-Esnault, 1987
canariensis (Miklucho-Maclay, 1870)
 = *Leucosolenia canariensis*
cancellata (Verrill, 1873)
 = *Leucosolenia cancellata*
cerebrum (Haeckel, 1870)
 = *Ascallis cerebrum*
clathrus (Schmidt, 1864)
 = *Grantia clathrus*
contorta (Bowerbank, 1866)
 = *Leucosolenia contorta*
olyntus Borojevic & Boury-Esnault, 1987
coriacea (Montagu, 1818)
 = *Spongia coriacea*
multiformis (Breitfuss, 1898)
 = *Leucosolenia multiformis*
nanseni (Breitfuss, 1896)
 = *Leucosolenia nanseni*
reticulum (Schmidt, 1862)
 = *Nardoa reticulum*
rubra Sarà, 1958
 = *C. coriacea* var. *rubra*

Guancha

- blanca* Miklucho-Maclay, 1868
lacunosa (Bean in Johnston, 1842)
 = *Grantia lacunosa*

Leucetta

- nausicaa* (Schuffner, 1877)
solida (Schmidt, 1862)

Family Leucaltidae**Ascandra**

- falcata* Haeckel, 1870

Leucaltis

- clathria* Haeckel, 1870

Leuclathrina

- asconoides* Borojevic & Boury-Esnault, 1987

Family Leucascidae**Ascaltis**

- lamarcki* Haeckel, 1870

Family Levinellidae**Levinella**

- thalassae* Borojevic & Boury-Esnault, 1987

Subclass Calcaronea**Order Leucosolenida****Family Amphoriscidae****Amphoriscus**

- buccichi* Von Ebner, 1887
cylindricus (Haeckel, 1870)
gregorii (Von Lendenfeld, 1891)
oviparus (Haeckel, 1870)
 = *Sycaltis oviparus*
 = *Sycurus oviparus*

Leucilla

- echinus* (Haeckel, 1870)
 = *Leuculmis echinus*

Family Grantiidae**Amphiute**

- paulini* Hanitsch, 1894

Aphroceras

- ensata* (Bowerbank, 1858)
 = *Grantia ensata*
corticata (Von Lendenfeld, 1891)

Ebnerella

- schulzei* Breitfuss, 1896

Grantia

- canadensis* Lambe, 1896
- capillosa* (Schmidt, 1862)
- = *Ute capillosa*
- compressa* (Fabricius, 1780)
- = *Spongia compressa*
- singularis* (Breitfuss, 1896)
- = *Sphenoporina singularis*

Leuconia

- ananas* (Montagu, 1818)
- = *Spongia ananas*
- aspera* (Schmidt, 1862)
- = *Sycon aspera*
- balearica* (Lakschewitz, 1886)
- = *Leucandra balearica*
- bolivari* Ferrer-Hernandez, 1916
- bulbosa* (Hanitsch, 1895)
- = *Leucandra bulbosa*
- caespitosa* (Haeckel, 1870)
- caminus* (Haeckel, 1872)
- fistulosa* (Johnston, 1842)
- = *Grantia fistulosa*
- gossei* (Bowerbank, 1862, 1864, 1866, 1874, 1882)
- = *Leucogypsia gossei*
- johnstoni* Carter, 1871
- nivea* (Grant, 1826)
- = *Leucandra nivea*
- polejaevi* (Breitfuss, 1896)
- = *Pericharax polejaevi*
- pumila* Bowerbank, 1866
- rodriguezii* (Lakschewitz, 1886)
- = *Leucandra rodriguezii*

Sycyssa

- huxleyi* Haeckel, 1870

Trichogypsia

- villosa* Carter, 1871

Ute

- gladiata* Borojevic, 1967

Family Heteropiidae

Heteropia

- ramosa* (Carter, 1886 in Higgin)
- = *Aphroceras ramosa*

Family Leucosoleniidae

Ascyssa

- acufera* Haeckel, 1870
- troglydites* Haeckel, 1870

Leucosolenia

- botryoides* (Ellis & Solander, 1786)
- = *Spongia botryoides*
- complicata* (Montagu, 1818)
- = *Spongia complicata*
- darwinii* (Haeckel, 1870)
- echinoides* (Haeckel, 1870)
- fragilis* (Haeckel, 1870)
- = *Ascortis fragilis*
- gegenbauri* (Haeckel, 1870)
- goethei* (Haeckel, 1870)
- hermesii* (Haeckel, 1870)
- lieberkuehni* (Schmidt, 1862)
- minoricensis* Lakschewitz, 1886
- primordialis* (Haeckel, 1870)
- variabilis* (Haeckel, 1870)
- = *Ascandra variabilis*

Family Sycettidae

Grantessa

- glacialis* (Haeckel, 1870)
- = *Sycaltis glacialis*
- kuekenthali* (Breitfuss, 1896)
- = *Ebnerella kuekenthali*
- lanceolata* (Breitfuss, 1898)
- = *Ebnerella lanceolata*
- murmanensis* (Breitfuss, 1898)
- = *Amphoriscus murmanensis*
- nitida* (Arensen, 1900)

- = *Ebnerella nitida*

Sycandra

- utriculus* (Schmidt, 1869)
- = *Ute utriculus*

Sycetta

- asconoides* Breitfuss, 1896
- confifera* (Haeckel, 1870)

Sycodorus

- hystrix* Haeckel, 1870

Sycon

- abyssale* Borojevic & Graat-Kleeton, 1965
- arcticum* (Haeckel, 1870)
- = *Sycum arcticum*
- boreale* (Schuffner, 1877)
- ciliatum* (Fabricius, 1780)
- = *Spongia ciliatum*
- elegans* (Bowerbank, 1845)
- = *Dunstervillia elegans*
- helleri* (Von Lendenfeld, 1891)
- humboldti* Risso, 1826
- lingua* (Haeckel, 1870)
- = *Sycortis lingua*
- quadrangulata* (Schmidt, 1868)
- = *Syconella quadrangulata*
- raphanus* Schmidt, 1862
- scaldiense* (Van Koolwijk, 1982)
- = *Scypha scaldiense*
- schmidti* (Haeckel, 1870)
- schuffneri* Dendy & Row, 1913
- sycandra* (Von Lendenfeld, 1895)
- = *Homoderma sycandra*
- tenellum* (Von Lendenfeld, 1891)
- tuba* (Von Lendenfeld, 1891)
- villosum* (Haeckel, 1870)
- = *Sycandra villosum*
- Vosmaeropsis*
- gardineri* Ferrer-Hernandez, 1916

Order Lithonida

Family Minchinellidae

Plectroninia

- norvegica* Könnecker, 1989

Class Hexactinellida

Subclass Amphidiscophora

Family Pheronematidae

Pheronema

- carpenteri* (Thomson, 1869)
- = *Holtenia carpenteri*

Family Hyalonematidae

Hyalonema

- infundibulum* Topsent, 1896
- lusitanicum* Du Bocage, 1864
- thomsoni* Marshall, 1875

Subclass Hexasterophora

Order Hexactinosa

Family Farreidae

Farrea

- foliascens* Topsent, 1904
- laminaris* Topsent, 1904
- occa* (Bowerbank, 1862)
- weltneri* Topsent, 1901

Sarostegia

- oculata* Topsent, 1904

Family Euretidae

Chonelasma

- ijimai* Topsent, 1901

Dactylocalyx

- potatorum* Schmidt, 1880

Eurete

- alicei* Topsent, 1901

Periphragella

- lusitanica* Topsent, 1890

Pityrete
azoricum (Topsent, 1904)
 = *Aphrocallistes azoricum*

Family Tretodictyidae

Auloplax
filholi (Topsent, 1904)
Hexactinella
grimaldii Topsent, 1890
Tretodictyum
tubulosum (Schulze, 1886)
 = *Hexactinella tubulosum*

Family Aulocalycidae

Fieldingia
lagetoides Kent, 1870
Rhabdodictyum
delicatum Schmidt, 1880

Family Aphrocallistidae

Aphrocallistes
beatrice Gray, 1858
bocagei Schulze, 1886

Order Lyssacinosa**Family Euplectellidae**

Euplectella
suberea Thomson, 1877
Hertwigia
falcifera Schmidt, 1880
Malacosaccus
floricomatus Topsent, 1901
unguiculatus Schulze, 1886
Regadrella
phoenix Schmidt, 1880
Rhabdoplectella
tintinnus Schmidt, 1880

Family Caulophacidae

Caulophacus
arcticus (Hansen, 1885)
 = *Hyalonema arcticus*
Sympagella
nux Schmidt, 1870

Family Rossellidae

Anoxycalyx
laceratus Koltun, 1967
Asconema
setubalense Kent, 1870
Bathydorus
servatus Topsent, 1927, 1928
Doconesthes
sessilis Topsent, 1928
Lanuginella
pupa Scgmidt, 1870
Mellonympha
velata (Thomson, 1873)
 = *Rossella velata*
Rossella
nodastrella Topsent, 1915
Schaudinnia
arctica Schulze, 1900
rosea (Fristedt, 1887)
Scyphidium
septentrionale Schulze, 1900
Trichasterina
borealis Schulze, 1900
sagittaria Topsent, 1913

Family Leucopsacidae

Leucopsacus
scoliodocus subsp. *retroscissus* Topsent, 1903
Opsacas
minuta Topsent, 1927, 1928

PLACOZOA

Compiled by Jacob van der Land

The European list was derived from URMO.

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PHYLUM PLACOZOA**Family Trichoplacidae**

Trichoplax
adhaerens Schulze, 1883 A M
Treptoplax
reptans Monticelli, 1896 M