

HEMICHORDATA

Compiled by Jacob van der Land.

The European list was derived from URMO with names provided by J. Hallan. No expert has checked the accuracy of the ERMS list.

PHYLUM HEMICHORDATA

Class Enteropneusta

Family Harrimaniidae

Harrimania

kupfferi (von Willemoes-Suhm, 1871) A

Saccoglossus

horsti Brambell & Goodhart, 1941 A

kowalevskii (Agassiz, 1873) A

mereschkowskii (Wagner, 1885) A M

pygmaeus Hinrichs & Jacobi, 1938 A

ruber Tattersall, 1905 A

Stereobalanus

canadensis (Spengel, 1893) A

Protoglossus

koehleri (Caullery & Mesnil, 1900) A

Family Ptychoderidae

Balanoglossus

clavigerus delle Chiaje, 1829 A M

Glossobalanus

elongatus Spengel, 1904 M

marginatus Meek, 1922 A

minutus Kowalevsky, 1866 A M

sarniensis (Koehler, 1886) A

Family Spengelidae

Glandiceps

talaboti (Marion, 1876) M

Family incertae sedis

Planctosphaera

pelagica (Spengel, 1932) A

Class Pterobranchia

Family Rhabdopleuridae

Rhabdopleura

compacta Hincks, 1880 A

normani Allmann, 1869 A M

ECHINODERMATA

Compiled by Hans G. Hansson

The list of European Echinodermata was compiled by Hans G. Hansson. It used the Echinoderm part of the compilers NEAT lists (available via Internet at address <http://www.tmbi.gu.se/libdb/taxon/taxa.html>) as a starting point. NEAT (North East Atlantic Taxa) are preliminary check-lists, covering Scandinavian marine animal taxa. The chapter by F.J. Fell on Echinodermata in Parker (1982) was used as the systematic framework. The asteroids are mainly listed from the recent monograph on Atlantic species by Clark & Downey (1992). Mortensen (1927) is used as a basal source for the other groups. Additions from several other sources have been made, and the electronic part of the Zoological Record (covering recent decades) has been utilised. However, examination of the reports from the large expeditions (except the Norwegian North Atlantic and the Ingolf) and other literature since WWII, may add to the species list.

The compiler is generally interested in marine fauna, but is not a specialist on any Echinoderm taxon, so there are certainly several omissions and lapses in this draft list. The assistance of experts in groups of Echinodermata was thus invaluable. Dr Sabine Stöhr, Stockholm, assisted with ophiuroid names, Dr Claude Massin, Brussels, assisted with the holothurians and added 9 omitted species of this taxon to the list. Dr Andrey Gebruk, Moscow, together with his friends Alexander Mironov and Alexei Smirnov kindly helped with several corrections and additions to the holothurians, the crinoids, the echinoids and the genus *Caulaster* among the asteroids. Prof. Dusan Zavodnik, Rovinj, Croatia, provided several corrections, new distribution notes (particularly for the Adriatic Sea area), information about synonyms, and added a few omitted species. Dr Mateo Garrido, Gran Canaria, provided additional records from the Canaries.

Authors of most genus and species names in the list below have been found, and most often also the years of description, but with several exceptions. Also, some of the years of authority in this list may be wrong, because different sources often have different opinions regarding which year a certain species is described (e.g. gen. *Poliometra* Clark; the original publication: 1923, Neave: 1924, McKenzie in Howson & Picton 1997: 1913; in this case the year from the original publication must be correct). Thus, further study of the primary literature may improve the accuracy of this list.

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PHYLUM ECHINODERMATA

Class Crinoidea

Order Millericrinida

Family Hyocrinidae

Gephyrocrinus grimaldii Koehler & Bather, 1902

Order Cyrtocrinida

Family Holopodidae

Cyathidium foresti Cheronnier & Guille, 1972
= *C. meteorensis* Fechter, 1973

Order Bourgueticrinida

Family Bourgueticrinidae

Conocrinus cabiashi Roux, 1976
cherbonnieri Roux, 1976
Democrinus parfaiti Perrier, 1883
= *Rhizocrinus magnus* Gislén, 1947
= *Rhizocrinus rawsoni* Koehler, 1909, non Pourtalès, 1874
conifer (A.H. Clark, 1909)
= *Bythocrinus intermedius* A.H. Clark, 1915
= *Rhizocrinus conifer* A.H. Clark, 1909
= *Rhizocrinus robustus* A.H. Clark, 1909
rawsonii (Portalès, 1874)
= *Rhizocrinus rawsonii* Pourtalès, 1874
Rhizocrinus

lofotensis M. Sars, 1868
= *R. verrilli* A.H. Clark, 1908

Family Bathyrinidae

Bathyrinus

aldrichianus Wyville Thomson, 1877
= *B. serratus* A.H. Clark, 1908
carpenterii (Danielssen & Koren, 1877)
= *Ilycrinus carpenterii* Danielssen & Koren, 1877
gracilis Wyville Thomson, 1877

Monachocrinus

perrieri (Koehler & Vaney, 1910)
= *Bathyrinus perrieri* Koehler & Vaney, 1910
= *M. coelus* H.L. Clark, 1923
recuperatus (Perrier, 1885)
= *Ilycrinus recuperatus* Perrier, 1885
sexradiatus A.H. Clark, 1919

Family Phrynocrinidae

Zeuctocrinus

gisleni A.M. Clark, 1973

Family Porphyrocrinidae

Porphyrocrinus

incrassatus (Gislen, 1933)
thalassae Roux, 1977

Order Isocrinida

Family Isocrinidae

Diplocrinus

(*Annacrinus*) *wyvillethomsoni* (Jeffreys, 18??)
= *Pentacrinus wyville-thomsoni* Jeffreys, 18??

Order Comatulida

Family Pentametocrinidae

Pentametocrinus

atlanticus (Perrier, 1883)
= *Eudiocrinus atlanticus* Perrier, 1883

Thaumatocrinus

jungeri A.H. Clark, 1923

Family Antedonidae

Antedon

bifida (Pennant, 1777)
= ?*Antedon duebeni* Böhlische, 1866
= *A. gorgonia* de Freminville, 1811
= *A. maroccana* A.H. Clark, 1910
= *Asterias bifida* Pennant, 1777
mediterranea (de Lamarck, 1816)
= *A. adriatica* A.H. Clark, 1911
= *Comatula annulata* Risso, 1826
= *Comatula mediterranea* de Lamarck, 1816
petasus (Düben & Koren, 1846)
= *Alecto petasus* Düben & Koren, 1846

Hathrometra

sarsii (Düben & Koren, 1846)
= *Antedon tenella* Carpenter *non* (Retzius)
= *H. tenella* (Carpenter, 1888) *non* (Retzius, 1783)

Heliometra

glacialis (Owen, 1833 *ex* Leach MS)
= *Alecto eschrichtii* J. Müller, 1841
= *Alecto glacialis* Owen, 1833 *ex* Leach MS
= *Antedon quadrata* P.H. Carpenter, 1884

Leptometra

celtica (M'Andrew & Barrett, 1858)
= *Comatula celtica* M'Andrew & Barrett, 1858
= *Comatula woodwardi* Barrett, 1857, *non* Forbes, 1852
= *L. phalangium* (Carpenter, 1881) *non* (J. Müller, 1841)
phalangium (J. Müller, 1841)
= *Alecto phalangium* J. Müller, 1841

Meteorometra

monticola A.M. Clark, 1980

Orthometra

hibernica (A.H. Clark, 1913)
= *Trichometra hibernica* A.H. Clark, 1913

Poliometra

prolixa (Sladen, 1881)
= *Antedon prolixa* Sladen, 1881
= *Hathrometra prolixa* (Sladen)

Trichometra

cubensis (Pourtalès, 1869)
= *Antedon cubensis* Pourtalès, 1869
= *T. aspera* A.H. Clark, 1908
delicata A.H. Clark, 1911

Thaumatometra

septentrionalis A.H. Clark, 1923

Family Atelecrinidae

Atelecrinus

balanoides P.H. Carpenter, 1881
= *A. helgae* A.H. Clark, 1913

Family Comasteridae

Neocomatella

europaea A.H. Clark, 19??

Family Thalassometridae

Koehlermetra

flava (Koehler)
= *Antedon flava* Koehler
porrecta (P.H. Carpenter, 18??)
= *Antedon porrecta* P.H. Carpenter, 18??

Thalassometra

lusitanica (P.H. Carpenter, 1884) A.M. Clark, 1980
= *Antedon lusitanica* P.H. Carpenter, 1884
= *Stiremetra lusitanica* (P.H. Carpenter, 1884)
omissa (Koehler)
= *Antedon omissa* Koehler

Class Asteroidea

Order Paxillosida

Family Astropectinidae

Astropecten

aranciacus (Linnaeus, 1758)
= *Asterias aranciaca* Linnaeus, 1758
= *Asterias aurantiaca* Tiedemann, 1816
= *A. antarcticus* Studer, 1876
= *A. crenaster* Dujardin & Hupé, 1862
= *A. gruevi* Koehler, 1912
= *A. meridionalis* Studer, 1876
= *A. perarmatus* Perrier, 1869
bispinosus (Otto, 1823)
= *Asterias bispinosa* Otto, 1823
= *A. myosurus* Perrier, 1869
hermatophilus Sladen, 1883
ibericus Perrier, 1894
irregularis subsp. *irregularis* (Pennant, 1777)
= *Asterias irregularis* Pennant, 1777
= *A. acicularis* Norman, 1865
= *A. echinulatus* J. Müller & Troschel, 1844
= *A. helgolandicus* Greeff, 1871
= *A. muelleri* J. Müller & Troschel, 1844
irregularis subsp. *pentacanthus* (Delle Chiaje, 1827)
= *Asterias pentacantha* Delle Chiaje, 1827
jonstoni (Delle Chiaje, 1827)
= *Asterias jonstoni* Delle Chiaje, 1827
= *A. aster* De Filippi, 1859
= *A. squamatus* J. Müller & Troschel, 1844
platyacanthus (Philippi, 1837)
= *Asterias platyacantha* Philippi, 1837
spinulosus (Philippi, 1837)
= *Asterias spinulosa* Philippi, 1837

Bathybaster

vexillifer (W. Thomson, 1873)
= *Archaster robustus* Verrill, 1884
= *Archaster vexillifer* W. Thomson, 1873
= *Astropecten pallidus* Danielssen & Koren, 1877
= *Ilyaster mirabilis* Danielssen & Koren, 1884
= *Phoxaster pumilus* Sladen, 1889

Dytaster

grandis subsp. *grandis* (Verrill, 1884)
= *Archaster grandis* Verrill, 1884
= *D. agassizi* Perrier, 1894
= *D. biserialis* Sladen, 1889
= *D. exilis* var. *carinata* Sladen, 1889
= *D. madreporifer* Sladen, 1889

- = *D. rigidus* Perrier, 1894
intermedius Perrier, 1891
mollis (Perrier, 1885)
= *Crenaster mollis* Perrier, 1885
semispinosus (Perrier, 1894)
= *Crenaster semispinosus* Perrier, 1894
= *D. parvulus* Koehler, 1909
- Leptychaster**
arcticus (M. Sars, 1851)
= *Astropecten arcticus* M. Sars, 1851
= *Astropecten lutkeni* Barrett, 1857
- Lonchotaster**
tartareus Sladen, 1889
- Persephonaster**
leptactis H.L. Clark, 1941
patagiatus (Sladen, 1889)
= *P. spinulosus* H.L. Clark, 1941
= *Psilaster patagiatus* Sladen, 1889
sphenoplax (Bell, 1892)
= *Astropecten sphenoplax* Bell, 1892
= *Psilasteropsis humilis* Koehler, 1907
- Plutonaster**
agassizi subsp. *notatus* Sladen, 1889
= ?*Goniopecten edwardsi* Perrier, in Milne-Edwards, 1882
= ?*Goniopecten inermis* Perrier, 1885 (*nomen nudum*)
= *P. abbreviatus* Sladen, 1889
= *P. granulatus* Perrier, 1891
= *P. notatus* Sladen, 1889
bifrons (Wyville Thomson, 1873)
= *Archaster bifrons* Wyville Thomson, 1873
= *P. proteus* H.L. Clark, 1923
- Psilaster**
andromeda subsp. *andromeda* (J. Müller & Troschel, 1842)
= *Astropecten andromeda* J. Müller & Troschel, 1842
= *Astropecten cristii* Dübén & Koren, in Dübén, 1845
cassiope Sladen, 1889
= ?*Archaster pulcher* Perrier, 1881
= *P. andromeda* var. *cassiope* Grieg, 1907
= *P. squameus* H.L. Clark, 1941
- Tethyaster**
subinermis (Philippi, 1837)
= *Asterias subinermis* Philippi, 1837
- Family Luidiidae**
- Luidia**
atlantidea Madsen, 1950
ciliaris (Philippi, 1837)
= *Asterias imperati* Delle Chiaje, 1841
= *L. fragilissima* Forbes, 1839
sarsii subsp. *sarsii* Dübén & Koren, in Dübén, 1845
= *Astellia simplex* Perrier, in Milne-Edwards, 1882
= *L. africana* Sladen, 1889
- Family Ctenodiscidae**
- Ctenodiscus**
crispatus (Retzius, 1805)
= *Asterias arancia* Dewhurst, 1834
= *Asterias crispata* Retzius, 1805
= *Asterias polaris* Sabine, 1824
= *C. corniculatus* Perrier, 1875
= *C. pygmaeus* J. Müller & Troschel, 1842
- Family Radiasteridae**
- Radiaster**
tizardi (Sladen, 1882)
= *Mimaster tizardi* Sladen, 1882
- Family Porcellanasteridae**
- Caulaster**
eremicus (Sladen, 1889)
= *Albatrossaster richardi* Koehler, 1909
= *Porcellanaster eremicus* Sladen, 1889
pedunculatus Perrier, 1882
- Hyphalaster**
inermis Sladen, 1883
= *H. antonii* Perrier, 1885
- = *H. fortis* Koehler, 1907
= *H. gracilis* Koehler, 1907
= *H. parfaiti* Perrier, 1885
- Porcellanaster**
ceruleus Wyville Thomson, 1877
= *Albatrossia semimarginalis* Ludwig, 1905
= *Caulaster sladeni* Perrier, 1885
= *P. granulatus* Perrier, 1885
= *P. inermis* Perrier, 1885
= *P. irregularis* Lieberkind, 1932
- Styracaster**
armatus Sladen, 1883
= *Machairaster pictus* Perrier, 1884
= *S. edwardsi* Perrier, 1885
= *S. spinosus* Perrier, 1885
chuni Ludwig, 1907
elongatus Koehler, 1907
horridus Sladen, 1883
= *Chunaster scapanephorus* Ludwig, 1907
- Thoracaster**
cylindratus Sladen, 1883
= *Pseudaster cordifer* Perrier, 1885
= *T. magnus* Ludwig, 1907
- Order Notomyotida**
- Family Benthoplectinidae**
- Benthoplectin**
simplex subsp. *simplex* (Perrier, 1881)
= *Archaster simplex* Perrier, 1881
= *B. spinosus* Grieg, 1918 (p.p.), non Verrill, 1884
= *Pararchaster armatus* Sladen, 1889
spinosissimus (Sladen, 1889)
= *Pararchaster spinosissimus* Sladen, 1889
- Cheiraster**
sepius (Verrill, 1885)
= *Archaster sepius* Verrill, 1885
= *Luidiaster dubius* H.L. Clark, 1941
= *Pectinaster dispar* Verrill, 1915
= *Pectinaster echinulatus* Ludwig, 1910 (p.p.)
= *Pontaster perplexus* Perrier, 1894
= *Pontaster venustus* Sladen, 1889
- Pectinaster**
filholi Perrier, 1885
= *Pontaster forcipatus* Sladen, 1889
= *Pontaster pristinus* Sladen, 1889
- Pontaster**
tenuispinus (Dübén & Koren, 1846)
= *Astropecten tenuispinus* Dübén & Koren, 1846
= *Crenaster marionis* Perrier, 1885
= *P. hebitus* Sladen, 1889
= *P. limbatus* Sladen, 1889
- Order Valvatida**
- Family Chaetasteridae**
- Chaetaster**
longipes (Retzius, 1805)
= *Asterias longipes* Retzius, 1805
= *Asterias subulata* de Lamarck, 1816
= *Nepanthia tessellata* Gray, 1840
- Family Odontasteridae**
- Hoplaster**
spinosus Perrier, in Milne-Edwards, 1882
= *Pentagonaster lepidus* Sladen, 1889
- Odontaster**
mediterraneus (von Marenzeller, 1893)
= *Gnathaster mediterraneus* von Marenzeller, 1893
- Family Goniasteridae**
- Ceramaster**
granularis subsp. *granularis* (Retzius, 1783)
= *Asterias granularis* Retzius, 1783
= *Asterias tessellatus* de Lamarck, 1816
= *Astrogonium boreale* Barrett, 1857
= *Pentagonaster eximius* Verrill, 1894
= *Pentagonaster simplex* Verrill, 1895
grenadensis subsp. *grenadensis* (Perrier, 1881)

- = *Astrogonium greeni* Bell, 1889
- = *Pentagonaster affinis* Perrier, 1884
- = *Pentagonaster balteatus* Sladen, 1891
- = *Pentagonaster crassus* Perrier, 1885
- = *Pentagonaster deplasi* Perrier, 1885
- = *Pentagonaster gosselini* Perrier, 1884
- = *Pentagonaster grenadensis* Perrier, 1881
- = *Pentagonaster haesitans* Perrier, 1885
- = *Pentagonaster hystricis* von Marenzeller, 1893
- = *Pentagonaster kergroheni* Koehler, 1895
- Evoplosoma**
- scorpio* Downey, 1981
- Goniaster**
- tessellatus* (de Lamarck, 1816)
- = *Asterias granularis* Gmelin, 1791 (p.p.)
- = *Asterias tessellata* de Lamarck, 1816
- = *Astrogonium dubium* Perrier, 1869
- = *G. africanus* Verrill, 1871
- = *G. americanus* Verrill, 1871
- = *G. cuspidatus* Gray, 1840
- = *G. sebae* Gray, 1840
- Hippasteria**
- phrygiana* subsp. *phrygiana* (Parelius, 1768)
- = *Asterias equestris* de Lamarck, 1816, *non* Retzius, 1805
- = *Asterias johnstoni* Gray, *in* Johnston, 1836
- = *Asterias phrygianus* Parelius, 1768
- = *Astrogonium aculeatum* Barrett, 1857
- = *Goniaster abbensis* Gray, 1843
- = *H. (Nehippasteria) insignis* Dons, 1938
- = *H. cornuta* Gray, 1840
- = *H. europaea* Gray, 1840
- = *H. plana* Gray, 1840
- insignis* Dons, 1937
- Mediaster**
- bairdi* subsp. *bairdi* (Verrill, 1882)
- = *Archaster bairdi* Verrill, 1882
- = *M. stellatus* Perrier, 1891
- Nymphaster**
- arenatus* (Perrier, 1881)
- = *Dorigona jacqueti* Perrier, 1894
- = *Dorigona prehensilis* Perrier, 1885
- = *N. albidus* Sladen, 1889
- = *N. basilicus* Sladen, 1889
- = *N. protentus* Sladen, 1889
- = *Pentagonaster arenatus* Perrier, 1881
- = *Pentagonaster subspinosus* Perrier, 1881
- = *Pentagonaster ternalis* Perrier, 1881
- Paragonaster**
- subtilis* (Perrier, 1881)
- = *Archaster formosus* Verrill, 1884
- = *Goniopecten subtilis* Perrier, 1881
- = *P. cylindratus* Sladen, 1889
- = *P. strictus* Perrier, 1894
- = *Pentagonaster elongatus* Perrier, 1885
- Peltaster**
- placenta* (J. Müller & Troschel, 1842)
- = *Goniaster nidarosiensis* Storm, 1881
- = *Goniodiscus acutus* Heller, 1863
- = *Goniodiscus placenta* J. Müller & Troschel, 1842
- = *Goniodiscus placentaeformis* Heller, 1863
- = *P. hebes* Verrill, 1899
- = *Pentagonaster minor* Koehler, 1895
- = *Pentagonaster mirabilis* Perrier, 1875
- = *Pentagonaster planus* Verrill, 1895
- = *Pentagonaster vincenti* Perrier, 1885
- Plinthaster**
- dentatus* (Perrier, 1884)
- = *Pentagonaster concinnus* Sladen, 1891
- = *Pentagonaster dentatus* Perrier, 1884
- = *Pentagonaster grandis* Perrier, 1885
- = *Pentagonaster perrieri* Sladen, 1889
- = *Tosia (Plinthaster) compta* Verrill, 1899
- = *Tosia (Plinthaster) nitida* Verrill, 1899
- Pseudarchaster**
- gracilis* subsp. *gracilis* (Sladen, 1889)
- = *Aphroditaster gracilis* Sladen, 1889
- = *Astrogonium aequabile* Koehler, 1907
- = *Astrogonium aphrodite* Perrier, 1894
- = *Astrogonium eminens* Koehler, 1907
- = *Astrogonium marginatum* Koehler, 1909
- = *Astrogonium necator* Perrier, 1894
- = *P. concinnus* Verrill, 1894
- = *P. granuliferus* Verrill, 1899
- = *P. ordinatus* Verrill, 1899
- parelii* (Düben & Koren, 1846)
- = *Astrogonium annectens* Perrier, 1894
- = *Astrogonium fallax* Perrier, 1885
- = *Astrogonium hystrix* Perrier, 1894
- = *Astrogonium longobrachiale* Koehler, 1907
- = *Astropecten parelii* Düben & Koren, 1846
- = *P. intermedius* var. *insignis* Verrill, 1895
- = *P. intermedius* Sladen, 1889
- = *P. tessellatus* var. *arcticus* Sluiter, 1895
- Sphaeriodiscus**
- bourgeti* (Perrier, 1885)
- = *Stephanaster bourgeti* Perrier, 1885
- Family Ophidiasteridae**
- Hazelia**
- attenuata* Gray, 1840
- = *Asterias coriacea* Grube, 1840
- = *Asterias laevigata* subsp. *varietas* de Lamarck, 1816
- = *Asterias variolata* Risso, 1826, *non* Retzius, 1805
- = *Ophidiaster (Hazelia) attenuatus* Gray, 1840
- = *Ophidiaster lessonae* Gasco, 1876
- Narcissia**
- canariensis* (d'Orbigny, 1839)
- = *Asterias canariensis* d'Orbigny, 1839
- = *Fromia narcissiae* Perrier, 1885
- = *Fromia narcissiae* Perrier, 1894
- = *N. teneriffae* Gray, 1840
- trigonaria* Sladen, 1889
- Ophidiaster**
- ophidianus* (de Lamarck, 1816)
- = *Asterias ophidiana* de Lamarck, 1816
- = *O. aurantius* Gray, 1840
- = *O. canariensis* Greeff, 1872
- reyssi* Sibuet, 1977
- Family Poraniidae**
- Chondraster**
- grandis* (Verrill, 1878)
- = *?Marginaster fimbriatus* Sladen, 1889
- = *Porania grandis* Verrill, 1878
- Marginaster**
- capreensis* (Gasco, 1876)
- = *Asteropsis capreensis* Gasco, 1876
- Porania**
- (*Porania*) *pulvillus* subsp. *pulvillus* (O.F. Müller, 1776)
- = *Asteropsis ctenacantha* J. Müller & Troschel, 1842
- = *Goniaster templetoni* Thomson, *in* Forbes, 1839
- = *P. gibbosa* Gray, 1840 (*nomen nudum*)
- (*Pseudoporania*) *stormi* (Dons, 1935)
- = *Pseudoporania stormi* Dons
- Poraniomorpha**
- (*Poraniomorpha*) *bidens* Mortensen, 1932
- (*Poraniomorpha*) *hispidus* subsp. *hispidus* (M. Sars, 1872)
- = *?Rhegaster murrayi* Sladen, 1883
- = *Asterina borealis* Verrill, 1878
- = *Goniaster hispidus* M. Sars, 1872
- = *Porania spinulosa* Verrill, 1880
- (*Poraniomorpha*) *hispidus* subsp. *rosea* Danielssen & Koren, 1881
- = *Lasiaster villosus* Sladen, 1889
- = *P. rosea* Danielssen & Koren, 1881
- (*Poraniomorpha*) *tumida* (Stuxberg, 1878)
- = *Rhegaster tumidus* (Stuxberg) auct.
- = *Solaster tumida* Stuxberg, 1878
- = *Sphaeriaster bjoerkl ykkee* (Dons, 1938)
- (*Culcitopsis*) *borealis* (Süssbach & Breckner, 1911)

- = ?*Marginaster pentagonus* Perrier, in Milne-Edwards, 1882
 = *Culcita borealis* Stüssbach & Breckner, 1911
 = *Sphaeraster berthae* Dons, 1938
 = *Sphaeraster berthae* Dons, 1939
- Tylaster**
willei Danielssen & Koren, 1881
- Family Sphaerasteridae**
Podosphaeraster
thalassae Chéron, 1970
- Family Asterinidae**
Allopatiria
ocellifera (Gray, 1847)
 = ?*Palmipes lobiancoi* Ludwig, 1897
 = *Parasterina africana* Engel & Croes, 1960
 = *Patiria ocellifera* Gray, 1847
 = *Patiria pulla* Koehler & Vaney, 1906
 = *Patiria rosea* Koehler & Vaney, 1906
- Anseropoda**
lobiancoi (Ludwig, 1897)
 = *Palmipes lobiancoi* Ludwig, 1897
placenta (Pennant, 1777)
 = *Asterias cartilaginea* Fleming, 1828
 = *Asterias membranacea* Retzius, 1783
 = *Asterias placenta* Pennant, 1777
 = *Asteriscus palmipes* J. Müller & Troschel, 1842
- Asterina**
gibbosa (Pennant, 1777)
 = *Asterias gibbosa* Pennant, 1777
 = *Asterias verruculata* Retzius, 1805
 = *A. minuta* Nardo, 1834
 = *Asteriscus arrecifiensis* Greeff, 1872
pancerli (Gasco, 1870)
 = *Asteriscus pancerii* Gasco, 1870
phylactica Emson & Crump, 1979
wega Perrier
- Tremaster**
mirabilis Verrill, 1880
 = *T. laevis* H.L. Clark, 1941
- Order Spinulosida**
Family Echinasteridae
Echinaster
(Echinaster) sepositus subsp. *sepositus* (Retzius, 1783)
 = *Asterias sagena* Retzius, 1805
 = *Asterias seposita* Retzius, 1783
 = *Rhopia mediterranea* Gray, 1840
- Henricia**
caudani (Koehler, 1895)
 = *Cribella caudani* Koehler, 1895
cylindrella (Sladen, 1883)
 = *Cribrella abyssalis* Perrier, 1894
 = *Cribrella oculata* var. *cylindrella* Sladen, 1883
 = *H. abyssicola* Perrier, 1885 & Farran, 1913 & Mortensen, 1927
eschricti (J. Müller & Troschel, 1842)
 = *Echinaster eschricti* J. Müller & Troschel, 1842
 = *Magdalenaster arcticus* Koehler, 1907
hedingi Madsen, 1987
lisa A.H. Clark, 1949
lisa subsp. *ingolffi* Madsen, 1987
oculata (Pennant, 1777)
 = *Asterias oculata* Pennant, 1777
 = *H. sanguinolenta* auct., non (O.F. Müller) (p.p.)
perforata (O.F. Müller, 1776)
 = *Asterias perforata* O.F. Müller, 1776
 = *Cribrella oculata* var. *murina* Perrier, 1875
 = *Cribrella sanguinolenta* f. *scabrior* Michailovskij, 1902
 = *Echinaster scrobiculatus* Danielssen & Koren, 1883
 = *H. sanguinolenta* auct., non (O.F. Müller)
 = *H. crossispika* Heding, in Jägerskiöld, 1971 (*nomen nudum*)
 = *H. fisheri* subsp. *echinata* Heding, in Jägerskiöld, 1971 (*nomen nudum*)
 = *H. knipowitschi* D'yakonov, 1950
 = *H. sanguinolenta* Rasmussen, 1965 non (O.F. Müller)
pertusa (O.F. Müller, 1776)
 = ?*Cribrella biscayensis* Koehler, 1895
 = *Asterias pertusa* O.F. Müller, 1776
 = *Cribrella sanguinolenta* var. *abyssicola* Norman, 1869
 = *Echinaster oculatus* f. *major* Dübén & Koren, 1846
sanguinolenta (O.F. Müller, 1776)
 = *Asterias sanguinolenta* O.F. Müller, 1776
 = *Cribrella pectinata* Verrill, 1894
 = *Cribrella sanguinolenta* var. *curta* Norman, 1869
 = *Cribrella sanguinolenta* f. *laevior* Michailovskij, 1902
 = *Echinaster oculatus* f. *minor* Dübén & Koren, 1846
 = *Echinaster sarsi* J. Müller & Troschel, 1844
 = *H. perforata* Rasmussen, 1965 non (O.F. Müller)
 = *H. sanguinolenta* subsp. *militaris* Verrill, 1914
skorikovi D'yakonov, 1950
solida D'yakonov, 1950
spongiosa (O. Fabricius, 1780)
- Order Velatida**
Family Solasteridae
Crossaster
papposus (Linnaeus, 1767)
 = *Asterias affinis* Brandt, 1835
 = *Asterias helianthemoides* Pennant, 1777
 = *Asterias papposa* Linnaeus, 1767
squamatus (Döderlein, 1900)
 = *Solaster affinis* Danielssen & Koren, 1877 non (Brandt, 1835)
 = *Solaster papposus* var. *squamata* Döderlein
 = *Solaster squamatus* Döderlein
- Lophaster**
furcifer (Dübén & Koren, 1846)
 = *Solaster furcifer* Dübén & Koren, 1846
- Solaster**
earlly Verrill, 1879
endeca (Linnaeus, 1771)
 = *Asterias alboverrucosa* Brandt, 1835
 = *Asterias aspera* O.F. Müller, 1776
 = *Asterias endeca* Linnaeus, 1771
 = *Asterias rumphii* Parelius, 1768
 = *S. endeca* subsp. *decemradiata* Sladen, 1889
 = *S. galaxides* Verrill, 1909
 = *S. intermedius* Sluiter, 1895
glacialis Danielssen & Koren, 1881
 = *S. echinatus* Storm, 1888
syrtensis Verrill, 1894
- Family Korethrasteridae**
Koethraster
hispidus Wyville Thomson, 1873
 = *K. setosus* Perrier, in Milne-Edwards, 1882
- Family Pterasteridae**
Diplopteraster
multipes (M. Sars, 1866)
 = *Pteraster multipes* M. Sars, 1866
- Hymenaster**
giboryi Perrier, 1894
pellucidus Thomson, 1873
 = *H. giganteus* Sladen, 1891
 = *H. membranaceus* Thomson, 1877
 = *H. perissonotus* Fisher, 1910
regalis Verrill, 1895
 = *H. kieri* Downey, 1979
reticulatus Sibuet, 1976
rex Perrier, 1885
 = *H. genmaeus* H.L. Clark, 1923
roseus Koehler, 1907
tenuispinus Sibuet, 1976
- Pteraster**
acicula (Downey, 1970)
 = *Marsipaster acicula* Downey, 1970
alveolatus Perrier, 1894
hystrix Harvey, 1989
militaris (O.F. Müller, 1776)

- = *Asterias militaris* O.F. Müller, 1776
- = *P. aporus* Ludwig, 1886
- obscurus* (Perrier, 1891)
- = *Hexaster obscurus* Perrier, 1891
- = *P. (Temnaster) hexactis* Verrill, 1894
- personatus* Sladen, 1891
- = ?*Pteraster sordidus* Perrier, 1894
- = *P. reductus* Koehler, 1907
- pulvillus* (M. Sars, 1861)

Family Myxasteridae

Myxaster

- perrieri* Koehler, 1896
- sol* Perrier, 1885

Pythonaster

- atlantis* A.H. Clark, 1948

Order Brisingida

Family Brisingidae

Brisinga

- endecacnemus* Asbjørnsen, 1856
- hirsuta* Perrier, 1894

Brisingella

- coronata* (G.O. Sars, 1871)
- = *Brisinga coronata* G.O. Sars, 1871
- = *Brisingia mediterranea* Perrier, 1885

Novodinia

- homonyma* Downey, 1986
- = *Brisinga elegans* Perrier, 1885, *non* Verrill, 1884
- = *Odinia elegans* Perrier, 1894
- pandina* (Sladen, 1889) Downey, 1986
- = *Odinia pandina* Sladen, 1889
- semicoronata* (Perrier, 1885) Downey, 1986
- = *Brisinga robusta* Perrier, 1885
- = *Brisinga semicoronata* Perrier, 1885

Family Freyellidae

Colpaster

- edwardsi* (Perrier, 1882) Downey, 1986
- = *Brisinga edwardsi* Perrier, 1882
- scutigerula* Sladen, 1889

Freyastera

- benthophila* (Sladen, 1889) Downey, 1986
- = *Freyella benthophila* Sladen, 1889
- sexradiata* (Perrier, 1885) Downey, 1986
- = *Freyella sexradiata* Perrier, 1885
- tuberculata* (Sladen, 1889) Downey, 1986
- = *Freyella tuberculata* Sladen, 1889

Freyella

- elegans* (Verrill, 1884)
- = *Brisinga elegans* Verrill, 1884
- = *F. aspera* Verrill, 1895
- = *F. bracteata* Sladen, 1889
- = *F. laubieri* Cherbonnier & Sibuet, 1973
- = *F. spinosa* var. *abyssicola* Perrier, 1894
- = *F. spinosa* Perrier, 1885
- recta* Koehler, 1907

Order Forcipulatida

Family Asteriidae

Asterias

- rubens* Linnaeus, 1758
- = *A. clathrata* Pennant, 1777
- = *A. holsatica* Retzius, 1805
- = *A. minuta* Linnaeus, 1761
- = *A. rubens* subsp. *violacea* O.F. Müller, 1776
- = *A. spinosa* Say, 1825
- = *A. vulgaris* Packard, 1863

Coscinasterias

- tenuispina* (de Lamarck, 1816)
- = *Asterias atlantica* Verrill, 1868
- = *Asterias savaresi* Delle Chiaje, 1827
- = *Asterias tenuispina* de Lamarck, 1816
- = *Lytaster inaequalis* Perrier, 1894

Icasterias

- panopla* (Stuxberg, 1878)
- = *Asterias panopla* Stuxberg

Leptasterias

- canuti* Heding, 1936
- clavispina* Heding, 1936
- (*Leptasterias*) *danica* (Levinsen, 1887)
- degerboelli* Heding, 1935
- floccosa* (Levinsen, 187?)
- floccosa* var. *crassa* Heding, 1935
- (*Endogenasterias*) *groenlandica* (Steenstrup, 1857)
- = *Asteracanthion groenlandica* Steenstrup, 1857
- = *Asterias cribraria* Stimpson, 1862
- (*Leptasterias*) *hyperborea* (Danielssen & Koren, 1883)
- = *Asterias hyperborea* Danielssen & Koren, 1883
- = *Asterias normani* Danielssen & Koren, 1884
- hyperborea* var. *intermedia* Heding, 1935
- (*Leptasterias*) *islandica* (Levinsen, 1887)
- = *Asterias mülleri* var. *islandica* Levinsen, 1887
- (*Leptasterias*) *muelleri* subsp. *muelleri* (M. Sars, 1846)
- = *Asteracanthion mülleri* M. Sars, 1846
- (*Leptasterias*) *muelleri* subsp. *celtica* Clark & Downey, 1992
- = *Asterias hispida* Pennant, 1777
- (*Hexasterias*) *polaris* (J. Müller & Troschel, 1842)
- = *Asteracanthion polaris* J. Müller & Troschel, 1842
- = *Asterias acervata* Stimpson, 1862
- = *Asterias borealis* Perrier, 1875

Marthasterias

- glacialis* (Linnaeus, 1758)
- = *Asteracanthion africanus* J. Müller, & Troschel, 1842
- = *Asterias angulosa* O.F. Müller, 1788
- = *Asterias echinophora* Delle Chiaje, 1827
- = *Asterias glacialis* Linnaeus, 1758
- = *Asterias madeirensis* Stimpson, 1862
- = *Asterias rarispina* Perrier, 1875
- = *Asterias spinosa* Pennant, 1777
- = *M. foliacea* Jullien, 1878
- = *Stellonia webbiana* d'Orbigny, 1839

Sclerasterias

- guernei* Perrier, 1891
- neglecta* (Perrier, 1891)
- = *Asterias edmundi* Ludwig, 1897
- = *Stolasterias neglecta* Perrier, 1891
- richardi* (Perrier, 1882)
- = *Asterias richardi* Perrier, 1882

Stephanasterias

- albula* (Stimpson, 1853)
- = *Asteracanthion albulus* Stimpson, 1853
- = *Asteracanthion problema* Steenstrup, 1855
- = *Asterias gracilis* Perrier, 1881

Stichasterella

- ambigua* (Farran, 1913)
- = *Stichaster roseus* var. *ambiguus* Farran, 1913
- rosea* (O.F. Müller, 1776)
- = *Asterias rosea* O.F. Müller, 1776
- = *Chaetaster hermanni* J. Müller & Troschel, 1842
- = *Stichaster arcticus* Danielssen & Koren, 1883

Urasterias

- linckii* (J. Müller & Troschel, 1842)
- = *Asteracanthion linckii* J. Müller & Troschel, 1842
- = *Asteracanthion stellionura* E. Perrier, 1869
- = *Asterias enopla* Verrill, 1895
- = *Asterias gunneri* Danielssen & Koren, 1884

Family Pedicellasteridae

Hydrasterias

- sexradiata* (Perrier, in Milne-Edwards, 1882)
- = *Pedicellaster sexradiatus* Perrier, in Milne-Edwards, 1882

Pedicellaster

- typicus* M. Sars, 1861
- = *Archaster bifrons* W. Thomson, 1873
- = *Asteracanthion palaeocrystallus* Duncan & Sladen, 1877

Family Zoroasteridae

Zoroaster

fulgens Thomson, 1873

Family Labidiasteridae

Coronaster

- volsellatus* (Sladen, 1889)
= *Asterias* (*Stolasterias*) *volsellatus* Sladen, 1889
= *C. antonii* Perrier, 1894

Family Neomorphasteridae

Neomorphaster

- margaritaceus* (Perrier, in Milne-Edwards, 1882)
A.M. Clark & Downey, 1992
= *Calycaster monoecus* Perrier, 1891
= *N. eustichus* Sladen, 1889
= *N. parfaiti* Koehler, 1896
= *Pedicellaster margaritaceus* Perrier, in Milne-Edwards, 1882
= *Stichaster talismani* Perrier, 1885

Class Ophiuroidea

Order Phrynophiurida

Family Ophiomyxidae

Astrogeron

- supinus* (Lyman, 1883)
= *Ophiogeron supinus* Lyman, 1883

Ophiogeron

edentulus Lyman, 1878

Ophiomyxa

- pentagona* (de Lamarck, 1816)
= *Ophiura pentagona* de Lamarck, 1816
serpentaria Lyman, 1883

Ophiophrixus

- spinus* (Storm, 1881)
= *Ophiobyrsa hystericis* Lyman, 1883
= *Ophiobyrseilla hystericis* (Lyman, 1883)

Ophiocollex

- glacialis* J. Müller & Troschel, 1842
purpureus Dübén & Koren, 1846
= ?*Ophiocollex quadrispinus* Verrill, 1885

Order Euryalina

Family Asteronychidae

Asteronyx

- loveni* J. Müller & Troschel, 1842
= *A. cooperi* Bell, 1909
= *A. dispar* Lütken & Mortensen, 1899
= *A. locardi* Koehler, 1896
= *Ophiuropsis lymani* Studer, 1884

Astrodia

- tenuispina* (Verrill, 1884)
= *A. bispinosa* Koehler, 1922

Family Gorgonocephalidae

Astrospartus

- mediterraneus* (Risso, 1826)
= *Euryale arborescens* L. Agassiz, 1839
= *Euryale mediterraneus* Risso, 1826
= *Gorgonocephalus verrucosus* Grube, 1840

Gorgonocephalus

- arcticus* Leach, 1819
= *Astrophyton agassizi* Stimpson, 1853
caputmedusae (Linnaeus, 1758)
= *Asterias caput-medusae* Linnaeus, 1758
= *Astrophyton linckii* J. Müller & Troschel, 1842
= *Astrophyton scutatium* Fleming, 1828
eucnemis (J. Müller & Troschel, 1842) Lyman, 1882
= *Astrophyton eucnemis* J. Müller & Troschel, 1842
= *Astrophyton malmgreni* Danielssen & Koren, 1877
= *G. caryi* Lyman, 1860
= *G. japonicus* Döderlein, 1907
lamarckii (J. Müller & Troschel, 1842) Lyman, 1882
= *Astrophyton lamarcki* J. Müller & Troschel, 1842

Family Asteroschematidae

Asteroschema

inornatum Koehler, 19??

Ophiocreas

oedipus Lyman, 1879

Order Ophiurida

Family Ophiotrichidae

Ophiotrix

- fragilis* (Abildgaard, in O.F. Müller, 1789)
= *Asteria cuvieri* Delle Chiaje, 1828
= *Asterias echinata* Delle Chiaje, 1822-29
= *Asterias fragilis* Abildgaard, in O.F. Müller, 1789
= *Asterias pentaphylla* Pennant, 1777
= *Asterias rubra* Delle Chiaje, 18??
= *Ophiocoma minuta* Forbes, 1839
= *Ophiocoma rosula* Forbes, 1839
= *O. alopecurus* J. Müller & Troschel, 1842
= *O. ferussacii* J. Müller & Troschel, 1842
= *O. lusitanica* Ljungman, 1872
= *O. rammelsbergii* J. Müller & Troschel, 1842
= *O. rubra* Ljungman, 1872
= *Ophiura quinqueaculata* Delle Chiaje, 1828
indigna Koehler, 1906
luetkeni Wyville Thomson, 1873
maculata Ljungman, 1872
= *O. inducta* Koehler, 1906

Family Ophiactidae

Histampica

duplicata (Lyman, 1875)

Ophiactis

- abyssicola* (M. Sars, 1861) Ljungman, 1866
= ?*Ophiactis cuspidata* Lyman, 1882
= *Amphiura abyssicola* M. Sars, 1861
= *O. corallicola* Koehler, 1896
= *O. echinata* Koehler, 1898
= *O. paa* Lyman, 1882
balli (W. Thompson, 1840)
= *Ophiocoma balli* W. Thompson, 1840
= *Ophiocoma goodsiri* Forbes, 1840 (Nov.)
canotia Lyman, 1882
lymani Ljungman, 1872
nidarosiensis Mortensen, 1920
profundi Lütken & Mortensen, 1899
savignyi (J. Müller & Troschel, 1842)
= *O. brocki de Loriol*, 1893
= *O. hrebsii* Lütken, 1857
= *Ophiopsis savignyi* J. Müller & Troschel, 1842
virens (M. Sars, 1857)
= *Amphiura virens* M. Sars, 1857

Ophiopholis

- aculeata* (Linnaeus, 1767)
= *Ophiocoma bellis* Forbes, 1839
= *Ophiopsis scolopendrica* J. Müller & Troschel, 1842
= *Polypholis echinata* Duncan, 18??

Ophiopus

- arcticus* Ljungman, 1867
= *Ophiaregma abyssorum* G.O. Sars, 1872

Family Amphiuridae

Amphichilus

- daleus* (Lyman, 1882) Matsumoto, 1917
= *Amphiura dalea* Lyman, 1882

Amphioplus

- verrilli* (Lyman, 1879)
= *Silax pulvinus* Cherbonnier & Sibuet, 1972

Amphiopholis

- instructa* Koehler, 1906
murmanica D'yakonov, 1929
squamata (Delle Chiaje, 1829)
= *A. lineata* Ljungman, 1872
= *A. tenera* Lütken, 18??
= *Amphiura elegans* (Leach, 1815)
= *Asterias squamata* Delle Chiaje, 1829
= *Axiognathus squamata* (Delle Chiaje)
torelli Ljungman, 1872

Amphiura

- abyssorum* Norman, in Jeffreys, 1876
= ?*A. digna* Koehler, 1906
bellis Lyman, 1879
bellis var. *tritonis* Hoyle, 1884

borealis (G.O. Sars, 1871) Ljungman, 1872
 = *Ophiopeltis borealis* G.O. Sars, 1871
 (*Acrocnida*) *brachiata* (Montagu, 1804)
 = *Amphiocnida brachiata* (Montagu)
 = *A. neapolitana* M. Sars, 1857
 = *Asterias brachiata* Montagu, 1804
cherbonnieri Guille, 1972
chiajei Forbes, 1843
delamarei Cherbonnier, 1958?
denticulata Koehler, 189
filiformis (O.F. Müller, 1776)
 = *Asterias filiformis* O.F. Müller, 1776
fragilis Verrill, 1885
 = *A. denticulata* Koehler, 1898
grandisquama Lyman, 1869
 = *A. iris* Lyman, 1879
 = *A. josephinae* Ljungman, 1872
 = *A. longispina* Koehler
griegi Mortensen, 1920
incana Lyman, 1879
mediterranea Lyman, 1882
otteri Ljungman, 1872
 = *A. grandis* Koehler, 1896
palmeri Lyman, 1882
richardi Koehler, 1906
sarsi Ljungman, 1872
 (*Ophiopeltis*) *securigera* (Düben & Koren, 1846)
 = *Ophiopeltis securigera* Düben & Koren, 1846
 (*Acrocnida*) *semisquamata* (Koehler)
senegalensis Madsen, 1970
stepanovi D'yakonov, 1954
 = *A. stepanovi* Chernyavskii, 1861 (*nomen nudum*)
 = *A. stepanovi* Lyman, 1869 (*nomen nudum*)
sundevalli (J. Müller & Troschel, 1842)
 = *Ophiopeltis sundevalli* J. Müller & Troschel, 1842

Monamphiura

apicula (Cherbonnier, 1957)
 = *Amphiura apicula* Cherbonnier, 1957

Paramphiura

punctata (Forbes, 1841)
 = *Ophiocoma punctata* Forbes, 1841

Family Amphilepididae

Amphilepis

norvegica (Ljungman, 1865)
 = *Amphiura norvegica* Ljungman, 1865
ingolfiana Mortensen, 1933

Order Laemophiurina

Family Ophiacanthidae

Ophiacantha

abyssicola G.O. Sars, 1871
 = *O. millespina* Verrill, 1879
angolensis Koehler, 1923
anomala G.O. Sars, 1871
 = ?*Ophiacantha nodosa* Lyman, 18??
aristata Koehler
bidentata (Retzius, 1805)
 = *Asterias bidentata* Retzius, 1805
 = *O. fraterna* Verrill, 1885
 = *O. groenlandica* J. Müller & Troschel, 1844
 = *O. hibernica* Farran, 1913
 = *O. spinulosa* J. Müller & Troschel, 1842
brevispina Koehler, 1898?
composita Koehler, 1907
crassidens Verrill
cuspidata Lyman, 1882
 (*Ophiotreta*) *danae* Mortensen, 1933
 = *O. valenciennesi* Lieberkind, 1929, *non* Lyman
decipiens Koehler, 1906
densa Farran, 1913?
enopla subsp. *veterna* (Koehler, 1907)
hirsuta Lyman, 1875
lineata Koehler, 1909
mesembria H.L. Clark, 1915
nodosa Lyman, 1882

notata Koehler, 1906
opercularis (Koehler, 1909)
 = *Ophiolimna opercularis* Koehler, 1909
parcita Koehler, 1906
setosa (Retzius, 1805)
 = *Ophiura setosa* Retzius, 1805
smitti Ljungman, 1872
simulans Koehler, 1896
 = *O. composita* Koehler, 1906, *non* Koehler, 1904
 = *O. composita* Mortensen, 1927
spectabilis G.O. Sars, 1871
spinoseella Mortensen, 1933
valenciennesi Lyman, 1879

Ophiambix

devaneyi Paterson, 1985
meteoris Bartsch, 1983

Ophiochondrus

armatus (Koehler, 1909)
 = *Ophioplus armatus* Koehler, 1909

Ophiocomina

nigra (Abildgaard, in O.F. Müller, 1789)
 = *Asterias nigra* Abildgaard, in O.F. Müller, 1789
 = *Ophiacantha danae* Mortensen, 1933
 = *Ophiocoma granulata* Forbes, 1839
 = *Ophiocoma nigru* (Abildgaard)
 = *Ophiocoma nilssoni* J. Müller & Troschel, 1842
 = *Ophiocoma raschi* G.O. Sars, 18??

Ophiolebes

bacata Koehler, 1909
retracta (Koehler, 1896)
 = *Ophioscolex retractus* Koehler, 1896

Ophiomitra

hamula Mortensen, 1933

Ophiopsila

annulosa (M. Sars, 1859)
 = *Ophianoplus annulosus* M. Sars, 1859
aranea Forbes, 1845
 = *Ophianoplus marmoreus* M. Sars, 18??
 aff. *guineensis* (Koehler, 1914)

Ophiocamax

dominans Koehler, 19??

Ophiomitrella

clavigera (Ljungman, 1865)
 = ?*Ophiomitrella cordifera* Koehler, 1909
 = *Ophiactis clavigera* Ljungman, 1865
 = *Ophiolebes acanellae* Verrill, 1885
 = *Ophiolebes claviger* (Ljungman, 1865)
globulifera (Koehler, 1896)

Ophioplinthaca

carduus (Lyman, 1882)
chelys (Lyman, 1882)
Ophiothamnus
affinis Ljungman, 1872
 = *Ophioleđa minima* Koehler, 1906
 = *Ophioplinthaca occlusa* Koehler, 1907
 = *O. minima* Matsumoto, 1917
chariis H.L. Clark, 1915
 = *O. gracilis* (Verrill, 1885), *non* (Studer, 1822)

Ophiolimna

bairdi (Lyman, 1883) Verrill, 1899
 = *Ophiacantha bairdi* Lyman, 1883

Ophiomedeä

duplicata Koehler, 1906

Ophioprium

rosea (Lyman, 1879) Baker & Devaney, 1981
 = *Ophiacantha rosea* Lyman, 1879
 = *Ophiacantha truncata* Koehler, 1930

Ophiotoma

bartletti (Lyman, 18??)
coriacea Lyman, 1883

Ophiotrema

alberti Koehler, 1896

Ophiomyces

fruticulosus Lyman, 1869
grandis Lyman, 1878

Order Chilophiurina**Family Ophiuridae***Amphiophiura*

- bullata* (Wyville Thomson, 1873) Matsumoto, 1915
 = *Ophioglypha abdita* Koehler, 1909
 = *Ophioglypha bullata* Wyville Thomson, 1873
bullata subsp. *convexa* (Lyman, 1878)
 = *Ophioglypha convexa* Lyman, 1878
bullata subsp. *vitjazi* Litvinova, 1971
 = *A. vitjazi* Litvinova, 1971
saurura (Verrill, 1894)
 = *Ophioglypha aspera* Koehler, 1898
 = *Ophioglypha saurura* Verrill, 1894

Anthophiura

ingolfi Fasmer, 1930

Aspidophiura

- minuta* (Lyman, 1878)
 = *Ophioglypha minuta* Lyman, 1878

Homophiura

- abyssorum* (Lyman, 1883)
abyssorum var. *africana* (Madsen, 1947)
 = *Homalophiura abyssorum* var. *africana* Madsen, 1947
tessellata (Verrill, 1894)
 = *Homalophiura tessellata* (Verrill, 1894)
 = *Ophioglypha tessellata* Verrill, 1894

Ophiocten

- abyssicolum* von Marenzeller, 187?
affinis (Lütken, 1858) Sumida, Tyler, Gage & Nørrevang, 1998
 = *Ophiura affinis* Lütken, 1858
centobi Paterson, Tyler & Gage, 1982
gracilis (G.O. Sars, 1871)
 = *O. sericeum* auct., non (Forbes, 1852) (p.p.)
 = *Ophioglypha gracilis* G.O. Sars, 1871
 = *Ophioglypha signata* Verrill, 1882
 = *Ophiura signata* (Verrill, 1882)
hastatum Lyman, 1878
 = *O. phiocten longispinum* Koehler, 1898
 = *O. latens* Koehler, 1906
 = *O. pacificum* Lütken & Mortensen, 1899
scutatum Koehler, 1898
sericeum (Forbes, 1852)
 = *O. kroeyeri* Lütken, 1855
 = *Ophiura sericea* Forbes, 1852

Ophioctenella

- acies* Tyler, Paterson, Sibuet, Guille, Murton & Segonzac, 1995

Ophiolepis

paucispina ?

Ophiomisidium

- pulchellum* (Wyville Thomson, 18??)
 = *Ophiomusium pulchellum* Wyville Thomson, 18??

Ophiomusium

- africanum* Koehler, 1909
lymani Wyville Thomson, 1873

Ophiophycis

mirabilis Koehler, 1901

Ophiopleura

- aurantiaca* (Verrill, 1882) Verrill, 1882
 = *Ophioglypha aurantiaca* Verrill, 1882
borealis Danielssen & Koren, 1877
 = *Luetkenia arctica* Duncan, 1878

Ophiosphalma

- armigerum* (Lyman, 1878) H.L. Clark, 1941
 = *Ophiomusium armigerum* Lyman, 1878
planum (Lyman, 1878) H.L. Clark, 1941
 = *Ophiomusium planum* Lyman, 1878

Ophiotjalfa

vivipara Mortensen, 1913

Ophiotypa

simplex Koehler, 1897

Ophiozonella

- molesta* (Koehler, 1906)
 = *Ophiozona molesta* Koehler, 1906
sincera (Koehler, 1906)

- = *Ophiozona sincera* Koehler, 1906
tjalfiana (Mortensen, 1913) Matsumoto, 1915
 = *Ophiozona tjalfiana* Mortensen, 1913

Ophiura

- albida* Forbes, 1839
africana (Koehler)
 = *Ophiocten africana* Koehler
 (*Dictenophiura*) *carnea* Lütken, 1858 ex M. Sars MS
clemens (Koehler, 1906)
 = *Ophioglypha clemens* Koehler, 1906
flagellata (Lyman, 1878)
 = *Gymnophiura caeruleascens* Lütken & Mortensen, 1899
 = *Ophioglypha flagellata* Lyman, 1878
grubei Heller, 1863
imprudens (Koehler, 1906)
 = *Ophioglypha imprudens* Koehler, 1906
inermis (Lyman, 1882)
 = *Ophioglypha inermis* Lyman, 1882
 (*Ophiuroglypha*) *irrorata* (Lyman, 1878)
 = *Ophioglypha grandis* Verrill, 1894
 = *Ophioglypha involuta* Koehler, 1899
 = *Ophioglypha irrorata* Lyman, 1878
 = *Ophioglypha orbiculata* Lyman, 1882
 = *Ophioglypha tumulosa* Lütken & Mortensen, 1899
 (*Ophiuroglypha*) *irrorata* subsp. *concreta* (Koehler, 1901)
 = *Ophioglypha concreta* Koehler, 1901
 (*Ophiuroglypha*) *irrorata* subsp. *polyacantha* Mortensen, 1933
 = *Homalophiura multipina* Cherbonnier & Sibuet, 1972
ljungmani (Lyman, 1878)
 = *Ophioglypha lepida* Lyman, 1882
 = *Ophioglypha ljungmani* Lyman, 1878
 = *Ophioglypha thouletii* Koehler, 1896
madzeni (Belyaev, 1972)
 = *Homalophiura madzeni* (Belyaev, 1972)
 (*Ophiuroglypha*) *mundata* Koehler, 1906
nitida Mortensen, 1933
ophiura (Linnaeus, 1758)
 = *Asterias ophiura* Linnaeus, 1758
 = *O. ciliaris* (Linnaeus, 1766)
 = *O. ciliata* (Retzius, 1783) non (O.F. Müller, 1776)
 = *O. lacertosa* (Pennant, 1777)
 = *O. texturata* de Lamarck, 1816
robusta (Ayres, 1851)
 = *Ophiolepis robusta* Ayres, 1851
 = *O. fasciculata* Forbes, 1854
 = *O. squamosa* Lütken, 1859
sarsii Lütken, 1858
violaine (Cherbonnier & Sibuet, 1972)
 = *Homalophiura violaine* Cherbonnier & Sibuet, 1972

Ophiurolepis

- inornata* (Lyman, 1878) Paterson, 1985
 = *Homalophiura inornata* (Lyman, 1878)
 = *Ophioglypha indivisa* Lütken & Mortensen, 1899
 = *Ophioglypha inornata* Lyman, 1878

Stegophiura

- nodosa* (Lütken, 1858) Matsumoto, 1917
 = *Ophiura nodosa* Lütken, 1858
stuwitzii (Lütken, 1858) Matsumoto, 1917
 = *Ophiura stuwitzii* Lütken, 1858

Uriopha

ios Paterson, 1980

Family Ophioleucidae*Ophiernus*

- adpersus* Lyman, 1883
vallincola Lyman, 1878
 = *O. abyssalis* Koehler, 1896

Ophiocrates

- intervallus* Madsen, 1947
secundus Koehler, 1906

Ophiopyren

striatum Mortensen, 1933

Family Ophionereididae*Ophiochiton*

- solutus* Koehler, 1906
ternispinus Lyman, 1883
 = *O. grandis* Verrill, 1884
 = *O. tenuispinus* Hoyle, 1884
- Ophionereis*
reticulata (Say, 1825)
 = *Ophiura reticulata* Say, 1825
- Family Ophiidermatidae**
Bathypectinura
heros (Lyman, 1879)
 = *B. elata* (Koehler, 1906)
 = *Pectinura elata* Koehler, 1906
 = *Pectinura heros* Lyman, 1879
- Cryptopelta*
brevispina (Ludwig, 1879)
 = *Ophioconis brevispina* Ludwig, 1879
- Ophiarachnella*
semicineta (Studer, 18??)
 = *Pectinura semicineta* Studer, 18??
- Ophioconis*
forbesi (Heller, 1863)
 = *Pectinura forbesi* Heller, 1863
vivipara Mortensen, 19??
- Ophioderma*
longicauda (Retzius, 1805)
 = *Asterias longicauda* Retzius, 1805
 = *O. lacertosum* Lamarck, 1801
 = *Ophiura laevis* Lyman, 1865
- Pectinura*
vestita Forbes, 1843
- Class Echinoidea**
Order Cidaroida
Family Cidaridae
Cidaris
cidaris (Linnaeus, 1758)
 = *C. borealis* Dübén & Koren, 1846
 = *C. papillata* Leske, 1778
 = *Cidarites hystrix* de Lamarck, 1816
 = *Dorocidaris abyssicola* A. Agassiz, 1869?
 = *Echinus cidaris* Linnaeus, 1758
tribuloides de Lamarck, 1816
- Poriocidaris*
purpurata (Wyville Thomson, 1875)
 = *Porocidaris gracilis* Sladen, 1891
 = *Porocidaris purpurata* Wyville Thomson, 1875
- Stereocidaris*
ingolfiana Mortensen, 1903
- Stylocidaris*
affinis (Philippi, 1845)
 = *Cidaris affinis* Philippi, 1845
 = *Cidaris stokesii* L. Agassiz & Desor, 1846-47
- Order Echinothuroidea**
Family Echinothuridae
Calveriosoma
fenestratum (Wyville Thomson, 1872)
 = *Araeosoma violaceum* Mortensen, 1903
 = *Calveria fenestrata* Wyville Thomson, 1872
hystrix (Wyville Thomson, 1872)
 = *Asthenosoma reynoldsii* A. Agassiz, 1880
 = *Calveria hystrix* Wyville Thomson, 1872
- Hygrosoma*
petersii (A. Agassiz, 1880)
 = *Phormosoma luculentum* Koehler, 1896, non A. Agassiz, 18??
 = *Phormosoma petersii* A. Agassiz, 1880
 = *Phormosoma uranus* Koehler, 1898, non Wyville Thomson, 1877
uranus (Wyville Thomson, 1877)
 = *Phormosoma uranus* Wyville Thomson, 1877
- Phormosoma*
placenta Wyville Thomson, 1874
 = *P. sigsbei* A. Agassiz, 1883
- Sperosoma*

- grimaldii* Koehler, 1897
Tromikosoma
koehleri Mortensen, 1903
- Order Diadematoidea**
Family Aspidodiadematae
Aspidodiadema
jacobyi A. Agassiz, 1883
- Plesiadiadema*
antillarum (A. Agassiz, 1883)
 = *Aspidodiadema antillarum* A. Agassiz, 1883
- Family Diadematae**
Centrostephanus
longispinus (Philippi, 1845)
 = *Cidaris (Diadema) longispina* Philippi, 1845
- Diadema*
antillarum Philippi, 1845
 = *Cidaris (Diadema) antillarum* Philippi, 1845
- Order Pedinoida**
Family Pedinidae
Caenopedina
cubensis A. Agassiz, 1869
- Order Salenoida**
Family Saleniidae
Salenia
pattersoni A. Agassiz
- Salenocidaris*
profundi subsp. *profundi* (Duncan, 1877)
 = ?*Salenia hastigera* A. Agassiz
 = *Salenia hastigera* subsp. *acuminata* Mortensen, 1935
 = *Salenia profundus* subsp. *occlusa* Mortensen, 1934
 = *Salenia profundus* Duncan, 1877
profundi subsp. *brevispina* Markov, 1988
varispina A. Agassiz, 1869
- Order Arbacioida**
Family Arbaciidae
Arbacia
lixula (Linnaeus, 1758)
 = *Cidaris pustulosa* Leske, 1778
 = *Echinus aequituberculatus* de Blainville, 1825
 = *Echinus lixula* Linnaeus, 1758
 = *Echinus neapolitanus* Delle Chiaje, 1825
- Arbaciella*
elegans Mortensen, 1910
- Coelopleurus*
floridanus A. Agassiz, 1872
- Habrocidaris*
scutata (A. Agassiz, 1880)
- Podocidaris*
sculpta A. Agassiz
- Order Temnopleuroidea**
Family Temnopleuridae
Genocidaris
maculata A. Agassiz, 1869
 = *Arbacina pallaryi* Gauthier, 1897
 = *Temnechinus maculatus* A. Agassiz, 1869
- Hypsiechinus*
coronatus Mortensen, 1903
- Trigonocidaris*
albida A. Agassiz
- Family Toxopneustidae**
Sphaerechinus
granularis (de Lamarck, 1816)
 = *Echinus (Toxopneustes) brevispinosus* Risso, 1826
 = *Echinus granularis* de Lamarck, 1816
 = *S. roseus* Russo, 1893
- Order Echinoida**
Family Echinidae
Echinus
acutus de Lamarck, 1816
 = ?*Echinus depressus* G.O. Sars, 1871

- = ?*Echinus microstoma* Wyville Thomson, 1875
 = ?*Echinus norvegicus* Dübén & Koren, 1846
 = ?*Echinus rarispinus* G.O. Sars, 1872
 = *E. flemingii* Forbes, 1841
 = *E. sardicus* Delle Chiaje, 1841
affinis Mortensen, 1903
alexandri Danielssen & Koren, 1883
elegans Dübén & Koren, 1846
 = ?*Echinus wallisi* A. Agassiz, 1883
esculentus Linnaeus, 1758
 = *E. aurantiacus* de Blainville, 1825
 = *E. globiformis* de Lamarck, 1801
 = *E. pseudomelo* de Blainville, 1825
 = *E. quinqueangulatus* de Blainville, 1825
 = *E. quinqueangulosus* de Blainville, 1834
 = *E. schwartzii* Nilsson & Holst, 1817
 = *E. sphaera* O.F. Müller, 1776
 = *E. subangulosus* de Blainville, 1826
 = *E. violaceus* de Blainville, 1825
esculentus var. *glacialis* D'yakonov, 1923
melo Lamarck, 1816
tenuispinus Norman, 1868
 = *E. esculentus* var. *tenuispinus* Norman, 1868
- Paracentrotus**
lividus (de Lamarck, 1816)
 = *Echinus lividus* de Lamarck, 1816
 = *Echinus purpureus* Risso, 1826
 = *Echinus saxatilis* Tiedemann, 1816
 = *Echinus vulgaris* de Blainville, 1825
- Psammechinus**
microtuberculatus (de Blainville, 1825) Heller, 1868
 = *Echinus microtuberculatus* de Blainville, 1825
miliaris (P.L.S. Müller, 1771)
 = *Echinus miliaris* P.L.S. Müller, 1766
 = *Parechinus miliaris* Mortensen, 1903
- Family Strongylocentrotidae**
Strongylocentrotus
droebachiensis (O.F. Müller, 1776)
 = *Echinus dröbachiensis* O.F. Müller, 1776
 = *Echinus granularis* Say, 1826
 = *Echinus neglectus* de Lamarck, 1816
 = *S. chlorocentrotus* Brandt, 1835
 = *Toxopneustes pictus* Norman, 1877
pallidus (G.O. Sars, 1871)
 = ?*Strongylocentrotus granularis* (Say, 1827)
 = *S. echinoides* A. Agassiz & H.L. Clark, 1907
 = *S. pictus* (Norman, 1868)
 = *S. sachalinicus* Clark, 1912
- Order Clypeasteroida**
Family Fibulariidae
Echinocyamus
grandiporus Mortensen, 1907
macrostomus Mortensen, 1907
pusillus (O.F. Müller, 1776)
 = *E. angulosus* Leske, 1778
 = *E. parthenopaeus* Costa, 1869
 = *E. speciosus* Costa, 1869
 = *Echinus minutus* Gmelin, 1790
 = *Fibularia equina* Aradas, 1850
 = *Fibularia tarentina* de Lamarck, 1816
 = *Spatagus pusillus* O.F. Müller, 1776
- Order Cassiduloida**
Family Neolampadidae
Neolampas
rostellata A. Agassiz, 1869
- Order Pourtalesioidea**
Family Pourtalesiidae
Echinosisgra
phiale (Wyville Thomson, 1873) Mortensen, 1907
 = *E. paradoxa* (Mortensen, 1905) Mortensen, 1907
 = *Pourtalesia paradoxa* Mortensen, 1905
 = *Pourtalesia phiale* Wyville Thomson, 1873
Pourtalesia
 aff. *alcocki* Koehler, 1914
 = *P. miranda* auct., non A. Agassiz, 1869
jeffreysi Wyville Thomson, 1873
wandeli Mortensen, 1905
- Family Urechinidae**
Urechinus
naresianus A. Agassiz, 1881
- Family Plexechinidae**
Plexechinus
hirsutus Mortensen, 1905
- Family Calymnidae**
Calymne
relicta Wyville Thomson, 1877?
- Order Spatangoida**
Family Hemiasteridae
Hemiaster
expergitus Lovén, 1874
 = *H. gibbosus* A. Agassiz, 1881
 = *H. mentzii* A. Agassiz, 1883
 = *H. zonatus* A. Agassiz, 1881
- Family Spatangidae**
Spatangus
inermis Mortensen, 1913
purpureus (O.F. Müller, 1776)
 = *Spatagus purpureus* O.F. Müller, 1776
 = *S. meridionalis* Risso, 1825
 = *S. reginae* Gray, 1855
 = *S. spinosissimus* Desor, 1847
raschi Lovén, 1869
 = *S. meridionalis* Norman, 1877?, non Risso, 1825
- Family Schizasteridae**
Brisaster
fragilis (Dübén & Koren, 1846)
 = *Brissus fragilis* Dübén & Koren, 1846
 = *Schizaster fragilis* (Dübén & Koren)
- Schizaster**
canaliferus (de Lamarck, 1816)
 = *Spatangus canaliferus* de Lamarck, 1816
- Family Brissidae**
Brissopsis
atlantica Mortensen, 1907
atlantica var. *mediterranea* Mortensen, 1913
lyrifer (Forbes, 1841)
 = *B. parma* Val., 1877
 = *Brissus lyrifer* Forbes, 1841
 = *Brissus pulvinatus* Philippi, 1845
 = *Schizaster incertus* Aradas, 1850
- Brissus**
unicolor (Leske, 1778)
 = *B. brissus* auct.
 = *B. scillae* L. Agassiz, 1836
 = *Spatangus brissus* subsp. *unicolor* Leske, 1778
 = *Spatangus columbaris* de Lamarck, 1816
- Plagiobrissus**
affinis ?
costai (Gasco, 1876)
 = *Metalia costae* Gasco, 1876
 = *Rhabdobrissus perrieri* Bernard
- Family Loveniidae**
Echinocardium
cordatum (Pennant, 1777)
 = *Amphidetus kurtzii* Girard, 1852
 = *E. sebae* Gray, 1877
 = *Echinus cordatus* Pennant, 1777
 = *Spatangus arcuarius* de Lamarck, 1816
fenauxi Péquignat, 1963
flavescens (O.F. Müller, 1776)
 = *Amphidotus roseus* Forbes, 1841
 = *Spatagus flavescens* O.F. Müller, 1776
 = *Spatangus ovatus* Leske, 1778
mediterraneum (Forbes, 1844)
 = *Amphidetus mediterraneus* Forbes, 1844

- = *E. gibbosus* L. Agassiz & Desor, 1847
- mortenseni* Thiéry, 1909
- = ?*Echinocardium laevigaster* A. Agassiz, 18??
- = ?*Echinocardium pennatifidum* Koehler, 1898, *non* Norman, 1868
- = *E. intermedium* Mortensen, 1907
- pennatifidum* Norman, 1868
- = *E. gibbosus* Barrett, 1857 *non* L. Agassiz & Desor, 1847

Family Aeropsidae

Aceste

- bellidifera* Wyville Thomson, 1877

Aeropsis

- rostrata* (Wyville Thomson, 1877) Mortensen, 1907
- = *Aerope rostrata* Wyville Thomson, 1877

Family Asterostomatidae

Palaeotropus

- josephinae* Lovén, 18??
- = *Palaeobrissus hilgardi* A. Agassiz
- = *P. hironellei* Koehler

Peripatagus

- cinctus* Koehler

Class Holothuroidea

Order Dendrochirotida

Family Psolidae

Psolidium

- complanatum* Cherbonnier, 1969

Psolus

- fabricii* (Düben & Koren, 1846)
- = *Cuvieria fabricii* Düben & Koren, 1846
- hypsinotus* Heding, 1942
- nummularis* R. Perrier, 1899
- operculatus* (Pourtalès, 1868)
- = *Cuvieria operculata* Portalès, 1868
- phantapus* (Strussenfelt, 1765) Jaeger, 1833
- = *Holothuria phantapus* Strussenfelt, 1765
- = *P. granulatus* Ayres, 1851
- = *P. laevigatus* Ayres, 1851
- = *P. regalis* Verrill, 1866
- pourtalesii* Théel, 1886
- squamatus* (O.F. Müller, 1776) Lütken, 1857
- = *Holothuria squamata* O.F. Müller, 1776
- = *P. valvatus* Östergren, 1904
- tesselatus* Koehler, 1896

Family Phyllophoridae

Ekmania

- barthii* (Troschel, 1846)
- = *Orcula barthii* Troschel, 1846
- = *Orcula luminosa* Lampert, 1885
- = *Thyonidium pellucidum* Düben & Koren, 1846

Euthyonidiella

- atlantica* (Ludwig & Heding, 1935)
- = *Pseudocucumis atlantica* Ludwig & Heding, 1935

Neocucumis

- atlantica* (Ludwig & Heding, 1935)
- marioni* (von Marenzeller, 1878)
- = *Cucumaria marioni* von Marenzeller, 1878
- = *Pseudocucumis marioni* Ludwig, 1874

Neopentadactyla

- mixta* (Östergren, 1898) Deichmann, 1944
- = *Pseudocucumis cuenoti* Koehler & Vaney, 1905
- = *Pseudocucumis mixta* Östergren, 1898

Phyllophorus

- drachi* Cherbonnier & Guille, 1968
- granulatus* (Grube, 1840)
- = *Psolus granulatus* Grube, 1840
- (*Phyllophorus pedinaequalis* Cherbonnier, 1969)
- (*Phyllophorus urna* Grube, 1840)
- = *Holothuria penicillus* Delle Chiaje, 1828

Thyonidium

- hyalinum* (Forbes, 1841)
- = *Holothuria pellucida* Fleming, 1828, *non* Vahl, 1806
- drummondii* (Thompson, 1840)

- = *Cucumaria communis* Forbes, 1841
- = *Cucumaria nobilis* Ludwig, 1874
- = *Cucumaria perspicua* Ludwig, 1874
- = *Holothuria drummondii* Thompson, 1840
- = *Thyone portlocki* Forbes, 1841
- = *T. dübeni* Norman, 1869

Family Cucumariidae

Abyssocucumis

- abyssorum* (Théel, 1886)
- = *Cucumaria abyssorum* auctt., *non* Théel, 1886
- = *Cucumaria abyssorum* Théel, 1886
- = *Cucumaria sluiteri* Ohshima, 1915
- = *Staurocucumis ingolfi* Clark & Deichmann, 1936

Aslia

- lefevrei* (Barrois, 1882)
- = *Cucumaria lefevrei* Barrois, 1882
- = *Cucumaria normani* Allen & Pace, 1904
- = *Holothuria montagui* Fleming, 1828 (p.p.)

Cucumaria

- arcuata* (Hérouard, 1921)
- = *Psolidium arcuatum* Hérouard, 1921
- compressa* (R. Perrier, 1898)
- = *Ocnus compressus* R. Perrier, 1898
- frondosa* (Gunnerus, 1767)
- = *C. assimilis* Düben & Koren, 1846
- = *Holothuria frondosa* Gunnerus, 1767
- = *Holothuria fucicola* Forbes & Goodsir, 1839
- = *Holothuria grandis* Forbes & Goodsir, 1839
- = *Holothuria pentactes* Linnaeus, 1767
- paraglacialis* Heding, 1942

Havelockia

- inermis* (Heller, 1868)
- = *Thyone elegans* Norman, 1869
- = *Thyone inermis* Heller, 1868
- = *Uroxia aurantiaca* Costa, 1869

Neocnus

- incubans* Cherbonnier, 1972

Ocnus

- glacialis* (Ljungman, 1879)
- = *Cucumaria glacialis* Ljungman, 1879
- grubei* (von Marenzeller, 1874)
- = *Cucumaria dicquemarii* M. Sars, 1857
- = *Cucumaria grubei* von Marenzeller, 1874
- = *Pseudocnus grubei* Panning, 1949
- koellikeri* (Semper, 1868)
- = *Cucumaria köllikeri* Semper, 1868
- = *Pseudocnus dubiosus* (Semper) Panning, 1962
- = *Pseudocnus köllikeri* Panning, 1949
- lacteus* (Forbes & Goodsir, 1839)
- = *Cucumaria mosterensis* Grieg, 1889
- = *Holothuria lactea* Forbes & Goodsir, 1839
- petiti* (Cherbonnier, 1958)
- = *Ludwigia petiti* Cherbonnier, 1958
- planci* (Brandt, 1835)
- = ?*Holothuria brunneus* (W. Thompson, 1840, *ex* Forbes MS), *non* Chamisso & Eysenhardt, 1821
- = ?*Ocnus brunneus* Forbes & Goodsir, *in* Forbes, 1841
- = *Cladodactyla planci* Brandt, 1835
- syracusanus* (Grube, 1840) Panning, 1949
- = *Cladodactyla syracusana* Grube, 1840
- = *Cucumaria hyndmanni* W. Thompson, 1840
- = *Cucumaria syracusana* auctt.
- = *Pseudocnus syracusanus* auctt.

Paracucumaria

- mauritanica* (Hérouard, 1929)
- = *Cucumaria mauritanica* Hérouard, 1929
- thalassae* Cherbonnier, 1969

Pawsonia

- saxicola* (Brady & Robertson, 1871)
- = *Colochirus lacazei* Hérouard
- = *Cucumaria saxicola* Brady & Robertson, 1871
- = *Holothuria montagui* Fleming, 1828 (p.p.)
- aff. *saxicola* Garrido (email check-list of Canarian echinoderms)

Pentamera

- calcigera* (Stimpson, 1851)
 = *Cucumaria koreni* Lütken, 1857
 = *Pentacta calcigera* Stimpson, 1851
- Pseudothyone**
furnesti Cherbonnier, 1969
raphanus (Düben & Koren, 1846)
 = *Thyone poucheti* Barrois, 1882
 = *Thyone raphanus* Düben & Koren, 1846
sculponea Cherbonnier, 1958
serrifera (Östergren, 1898) Jensenius Madsen & Hansen, 1994
 = *Thyone serrifera* Östergren, 1898
- Stereoderma**
incerta Cherbonnier, 1969
kirchsbergi (Heller, 1868)
 = *Cucumaria kirchsbergi* Heller, 1868
 = *Ocnus? kirchsbergi* von Marenzeller, 1874
- Thyone**
cherbonnieri Reys, 1960
fuscus (O.F. Müller, 1776)
 = ?*Thyone flexus* Hodge, 1867
 = *Holothuria fuscus* O.F. Müller, 1776
 = *Holothuria papillosa* A. Bildgaard, 1789
 = *T. subvillosa* Hérouard, 1890
fuscus subsp. *mediterranea* Madsen, 1941
gadeana R. Perrier, 1898
 = *T. wahrbergi* Madsen, 1941
roscovita Hérouard, 1890
- Leptopentacta**
elongata (Düben & Koren, 1846)
 = ?*Cucumaria cucumis* (Risso, 18??)
 = *Cucumaria elongata* Düben & Koren, 1846
 = *Cucumaria pentactes* Forbes, 1841 *non* (Linnaeus, 1767)
tergestina (M. Sars, 1857)
 = *Cucumaria incurvata* Perrier, 1902
 = *Cucumaria tergestina* M. Sars, 1857
- Order Dactylochirotida**
- Family Ypsilothuriidae**
- Echinocucumis**
hispida (Barrett, 1857)
 = *Cucumaria hispida* (Barrett, 1857)
 = *E. typica* M. Sars, 1859
 = *Eupyrigus hispidus* Barrett, 1857
- Ypsilothuria**
bitentaculata subsp. *attenuata* E. Perrier, 1886
talismani subsp. *talismani* E. Perrier, 1886
 = ?*Echinocucumis hispida* var. *abyssalis* Koehler, 1896
- Order Aspidochirotida**
- Family Stichopodidae**
- Eostichopus**
regalis (Cuvier, 1817)
 = *Holothuria columnae* Cuvier, 1817
 = *Holothuria regalis* Cuvier, 1817
 = *Holothuria triquetra* Delle Chiaje, 1841
 = *Stichopus regalis* (Cuvier, 1817)
- Parastichopus**
tremulus (Gunnerus, 1767)
 = ?*Stichopus griegi* Östergren, 1896
 = *Holothuria ecalcareo* M. Sars, 1859
 = *Holothuria elegans* O.F. Müller, 1781
 = *Holothuria tremula* Gunnerus, 1767
 = *Stichopus richardi* Hérouard, 1896
 = *Stichopus tremulus* (Gunnerus)
- Family Synallactidae**
- Bathyplores**
natans (M. Sars, 1868) Östergren, 1896
 = *B. assimilis* Koehler & Vaney, 1905
 = *B. heterostylides* Heding, 1942
 = *B. ostergreni* Ohshima, 1915
 = *B. papillosus* Koehler & Vaney, 1905
 = *B. patagiatus* Fisher, 1907
 = *Holothuria natans* M. Sars, 1868
- = *Stichopus moseleyi* Théel, 1886
 = *pourtalesii* (Théel, 1886)
 = *B. bipartitus* Hérouard, 1923
 = *Stichopus pourtalesii* Théel, 1886
tizardi (Théel, 1882)
 = *B. fallax* Östergren, 1896
 = *B. reptans* R. Perrier, 1902
 = *Stichopus tizardi* Théel, 1882
- Benthothuria**
junbris R. Perrier, 1898
 = ?*Benthothuria valdiviae* Heding, 1940
- Gephyrothuria**
alcocki Koehler & Vaney, 1905
 = *G. europeensis* Hérouard, 1923
- Mesothuria**
bifurcata Hérouard, 1906
candelabra Hérouard, 1923
cathedralis Heding, 1940
connectens (R. Perrier, 1898)
 = *Zygothuria connectens* R. Perrier, 1898
expectans R. Perrier, 1898
intestinalis (Ascanius, 1805) Östergren, 1896
 = *Fistularia mollis* M. Sars, 1835
 = *Holothuria intestinalis* Ascanius, 1805
 = *Thyonidium scabrum* M. Sars, 1868
lactea (Théel, 1886)
 = ?*Holothuria aspera* Bell, 1892
 = *Holothuria lactea* Théel, 1886
 = *Zygothuria lactea* (Théel, 1886)
maroccana Perrier, 1902
murrayi var. *grandipes* Hérouard
roulei (Koehler, 1896)
 = *Holothuria roulei* Koehler, 1896
rugosa Hérouard, 1912
triradiata Heding, 1942
verrilli (Théel, 1886)
 = *Holothuria verrilli* Théel, 1886
 = *M. oktaknemus* Sluiter, 1901
- Meseres**
acaudum Heding, 1935
ingolffi (Heding, 1940)
 = *Plicastichopus ingolffi* Heding, 1942
- Paelopatides**
atlantica Hérouard, 1902
grisea R. Perrier, 1902
- Paroriza**
pallens (Koehler, 1896)
 = *Stichopus pallens* Koehler, 1896
prahoi Hérouard, 1902
- Pseudostichopus**
atlanticus R. Perrier, 1898
depressus Hérouard, 1902
globigerinae Hérouard, 1902
lapis Hérouard
marenzelleri Hérouard, 1902
occultatus von Marenzeller, 1893
villosus Théel, 1886
- Scotothuria**
herringi Hansen, 1978
 = ?*Dendrothuria similis* Koehler & Vaney, 1905
- Synallactes**
crucifera R. Perrier, 1898
- Family Holothuriidae**
- Gastrothuria**
limbata R. Perrier, 1899
- Holothuria**
 (*Roweothuria*) *arguinensis* Koehler & Vaney, 1906
dakarensis Panning, 19??
forskali Delle Chiaje, 1823
 = *H. catanensis* Grube, 1840
 = *H. nigra* Peach, 1845
 = *Stichopus selenkae* Barrois, 1882
helleri von Marenzeller, 1878
 = *H. affinis* Heller, 1868, *non* Brandt, 1835
 (*Thymiosicya*) *impatiens* (Forskål, 1775)

- = *Fistularia impatiens* Forskål, 1775
- = *H. botellus* Selenka, 1867
- = *H. impatiens* subsp. *bicolor* Clark, 1938
- = *H. impatiens* subsp. *concolor* Clark, 1921
- = *H. impatiens* subsp. *lutea* Clark, 1921
- = *H. impatiens* subsp. *pulchra* Clark, 1921
- = *H. truncata* Lampert, 1885
- (*Vaneyothuria*) *lentiginosa* von Marenzeller, 1892
- mammata* Grube, 1840
- (*Halodeima*) *mexicana* Ludwig, 1875
- (*Platyperona*) *parvula* (Selenka, 18??)
- polii* Delle Chiaje, 1823
- sanctori* Delle Chiaje, 1823
- = *H. farcimen* Selenka, 1867
- (*Holothuria*) *stellati* Delle Chiaje, 1823
- (*Holothuria*) *tubulosa* Gmelin, 1788
- = *H. cavolinii* Delle Chiaje, 1841
- = *H. columnae* Delle Chiaje, 1823, non Cuvier, 1817
- = *H. maxima* Delle Chiaje, 1823
- = *H. pentagnae* Delle Chiaje, 1823

Order Elaspodida

Family Elpidiidae

- Achlyonice*
- myriamae* Gebruk, 1997
- Amperima*
- furcata* (Hérouard, 1899)
- = *Kolga furcata* Hérouard, 1899
- rosea* (R. Perrier, 1896)
- = *Periamma rosea* R. Perrier, 1896
- Ellipinion*
- delagei* (Hérouard, 1896)
- = *Scotoplanes delagei* Hérouard, 1896
- Elpidia*
- glacialis* Théel, 1876
- echinata* (R. Perrier, 1896)
- = *Tutela echinata* R. Perrier, 1896
- Irpa*
- abyssicola* Danielssen & Koren, 1878
- Kolga*
- hyalina* Danielssen & Koren, 1879
- = *Elpidia nana* Théel, 1879
- Peniagone*
- azorica* von Marenzeller, 1893
- diaphana* (Théel, 1882)
- = *Scotomassa translucida* Hérouard, 1899
- gracilis* (Ludwig, 1894)
- islandica* Deichmann, 1930
- porcella* R. Perrier, 1900
- purpurea* (Théel, 1882)
- = *P. ferruginea* Grieg, 1921
- = *P. vexillum* R. Perrier, 1900
- wywillii* Théel, 1882
- Penilpidia*
- ludwigi* (von Marenzeller, 1893)
- = *Kolga ludwigi* von Marenzeller, 1893
- Psychroplanes*
- obsoleta* (Hérouard, 1899)
- = *Kolga foliacea* Hérouard, 1912
- = *Kolga obsoleta* Hérouard, 1899
- = *Peniagone foliacea* (Hérouard, 1912)
- = *Peniagone obsoleta* (Hérouard, 1899)

Family Deimatidae

- Deima*
- validum* subsp. *validum* Théel, 1879
- = *D. atlanticum* Hérouard, 1898
- = *D. blakei* Théel, 1886
- Oneirophanta*
- mutabilis* Théel, 1879
- = *O. alternata* R. Perrier, 1900

Family Laetmogonidae

- Benthogone*
- rosea* Koehler, 1896
- = *B. quadrilineata* Heding, 1940
- Laetmogone*

- violacea* Théel, 1879
- = *Cryodora spongiosa* Théel, 1879
- = *L. brongniarti* E. Perrier, 1886
- = *L. jourdainii* Petit, 1885
- = *L. wyvillethomsoni* Théel, 1879

Pannychia

- glutinosa* Hérouard, 1902

Family Psychropotidae

Benthodytes

- janthina* von Marenzeller, 1893
- = *B. lingua* R. Perrier, 1896
- typica* Théel, 1882
- = *B. glutinosa* R. Perrier, 1902

Psychropotes

- depressa* (Théel, 1882)
- = *Euphronides auricularia* R. Perrier, 1902
- = *Euphronides cornuta* Verrill, 1884
- = *Euphronides talismani* R. Perrier, 1896
- = *Euphronides violacea* Perrier, 1902
- grimaldii* Hérouard, 1896
- longicauda* Théel, 1882
- = *Nectothuria translucida* Belyaev & Vinogradov, 1969
- = *P. buglossa* R. Perrier, 1896
- = *P. furcata* R. Perrier, 1896
- semperiana* Théel, 1882
- = *Euphronides anchora* Hérouard, 1912
- = *Euphronides kerhervei* (Hérouard, 1896)
- = *P. kerhervei* Hérouard, 1896

Family Pelagothuridae

Enypniastes

- eximia* Théel, 1882
- = *Pelagothuria bouvieri* Hérouard, 1906
- = *Planktothuria diaphana* Gilchrist, 1920

Order Apodida

Family Synaptidae

Epitomapta

- roseola* (Verrill, 1874)
- = *Leptosynapta roseola* Verrill, 1874

Euapta

- lappa* (J. Müller, 1850)
- = *Synapta lappa* J. Müller, 1850

Labidoplax

- buskii* (M'Intosh, 1866)
- = *Synapta buskii* M'Intosh, 1866
- = *Synapta tenera* Norman, 1865 (*nomen nudum*)
- digitata* (Montagu, 1815)
- = *Holothuria digitata* Montagu, 1815
- = *L. (Oestergrenia) adriatica* Heding, 1931
- digitata* var. *profundicola* Kemp, 1905
- media* Östergren, 1905
- mortenseni* Heding, 1931
- = *L. (Oestergrenia) mortenseni* Heding, 1931
- similimedia* Gage, 1985
- southwardorum* Gage, 1985
- thomsoni* (Herapath, 1865)
- = *Synapta digitata* var. *thomsonii* Herapath, 1865

Leptosynapta

- bergensis* (Östergren, 1905)
- = *Synapta bergensis* Östergren, 1905
- decaria* (Östergren, 1905)
- = *Synapta decaria* Östergren, 1905
- galliennii* (Herapath, 1865)
- = *Synapta galliennii* Herapath, 1865
- = *Synapta sarniensis* Herapath, 1865
- inhaerens* (O.F. Müller, 1776)
- = *Holothuria inhaerens* O.F. Müller, 1776
- = *Synapta duvernaea* de Quatrefages, 18??
- makrankyra* (Ludwig, 1898)
- = *Synapta makrankyra* Ludwig, 1898
- minuta* (Becher, 1906)
- = *Synapta minuta* Becher, 1906

Protankyra

- abyssicola* (Théel, 1886)
- = *Synapta abyssicola* Théel, 1886

Rhabdomolgus
ruber Keferstein, 1863

Synaptula
reciprocans (Forskål, 1775)
= *Synapta reciprocans* Forskål, 1775

Family Chiridotidae

Achiridota
profunda Heding, 1935

Chiridota
abyssicola von Marenzeller, 1893
laevis (O. Fabricius, 1780)
= *C. groenlandica* Heding, 1935
= *C. spirourna* Heding, 1935
= *Holothuria laevis* O. Fabricius, 1780
= *Holothuria pellucida* Vahl, 1806

Trochodota
furcipraedita Salvini Plawen, 1972
venusta (Semon, 1887)
= *Chiridota venusta* Semon, 1887

Family Myriotrochidae

Acanthotrochus
mirabilis Danielssen & Koren, 1879

Myriotrochus
bathybius H.L. Clark, 1920
clarki Gage & Billett, 1986
eurycyclus Heding, 1935
geminiradiatus Salvini-Plawen, 1977
giganteus Clark, 1920
rinkii Steenstrup, 1851
theeli Östergren, 1905
vitreus (M. Sars, 1872)
= *Chiridota brevis* Huxley, 1852
= *Chiridota laevis* C.G.J. Petersen, 1898
= *Oligotrochus vitreus* M. Sars, 1872

Parvotrochus
belyaevi Gage & Billett, 1986

Siniotrochus
myriodontus Gage & Billett, 1986

Trochoderma
elegans Théel, 1877

Order Molpadiida

Family Molpadiidae

Cherbonniera
utriculus Sibuet, 1974

Molpadia
blakei (Théel, 1886)
= *Paratrochostoma spiniferum* Heding, 1932
= *Trochostoma blakei* var. *excentrica* Hérouard
= *Trochostoma blakei* Théel, 1886
= *Trochostoma grossularia* Hérouard
borealis M. Sars, 1859
= *Ankyroderma affine* Danielssen & Koren, 1882
= *Ankyroderma jeffreysii* Danielssen & Koren, 1878
= *Haplodactyla arctica* von Marenzeller, 1877
= *M. (Paramolpadia) diploa* Heding, 1935
= *M. oolitica* Mortensen, 1914 *non* Pourtalès, 1851
= *Trochostoma arctica* Danielssen & Koren, 1880 *non*
(von Marenzeller, 1877)
= *Trochostoma boreale* (M. Sars)
= *Trochostoma Thomsonii* Danielssen & Koren, 1879
loricata (R. Perrier, 1898)
= *Ankyroderma loricatum* Perrier, 1898
maroccana (Perrier, 1898)
= *Ankyroderma maroccana* Perrier, 1898
musculus Risso, 1826
= *Ankyroderma danielsseni* Théel, 1886
= *Ankyroderma hispanicum* Petit
= *Ankyroderma perrieri* Petit
= *Eumolpadia asaphes* Heding, 1935
= *Haplodactyla mediterranea* Grube, 1840
= *Trochostoma violaceum* Théel, 1886
oolitica (Portalès, 1851)

Family Eupyrgidae

Eupyrgus

scaber Lütken, 1857
= *Echino.soma hispidum* Semper, 1868

Hedingia
albicans (Théel, 1886) Deichmann, 1938
= *Molpadia albicans* auctt.
= *Trochostoma albicans* Théel, 1886
mediterranea (Bartolini Baldelli, 1914) Tortonese,
1965
= *Trochostoma mediterraneum* Bartolini Baldelli, 1914