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Supporting Information: Taxonomic list of macroinvertebrate species

Compiled by Margarita Caso:

7 Phyla (Porifera, Cnidaria, Annelida, Mollusca, Arthropoda, Echinodermata, and Chordata)
15 Classes
36 Orders
110 Families
128 Genera
191 Species

Phylum Porifera Grant, 1836

Class Demospongiae Sollas, 1885
Order Verongida Bergquist, 1978
Family Aplysinidae Carter, 1875
Genus *Aplysina* Nardo, 1834
***Aplysina cf. fistularis* (Pallas, 1766)**
***Aplysina gerardogreeni* Gomez & Bakus, 1992**

Class Hexactinellida Schmidt, 1870
Hexactinellida sp.

Subclass Hexasterophora Schulze, 1886
Order Hexactinosida Schrammen, 1912
Family Farreidae Gray, 1872
Genus *Farrea* Bowerbank, 1862
***Farrea* sp.**

Order Lyssacinosida Zittel, 1877
Family Rossellidae Schulze, 1885
Genus *Acanthascus* Schulze, 1886
***Acanthascus* sp.**

Phylum Cnidaria Hatschek, 1888

Class Anthozoa Ehrenberg, 1831
Subclass Hexacorallia Haeckel, 1866
Order Actiniaria Hertwig, 1882
Suborder Nynantheae Carlgren, 1899
Family Actinostolidae Carlgren, 1932
Genus *Antiparactis* Verrill, 1899
cf. *Antiparactis* sp.

Order Zoanthidea Rafinesque, 1815
Family Epizoanthidae Delage & Hirouard, 1910

Genus *Epizoanthus* Gray, 1867

***Epizoanthus* sp.**

Order Antipatharia Milne-Edwards & Haime, 1857

Family Antipathidae Ehrenberg, 1834

Genus *Antipathes* Pallas, 1766

***Antipathes galapagensis* Deichmann, 1941**

Family Myriopathidae Opresko, 2001

Genus *Miyriopathes* Opresko, 2001

***Miyriopathes* cf. *ulex* (Ellis & Solander, 1786)**

Order Scleractinia Bourne, 1900

Suborder Dendrophylliina Vaughan & Wells, 1943

Family Dendrophylliidae Gray, 1847

Dendrophylliidae sp. 1

Dendrophylliidae sp. 2

Dendrophylliidae sp. 3

Genus *Tubastraea* Lesson, 1829

***Tubastraea coccinea* Lesson, 1829**

Suborder Astrocoeniina Vaughan & Wells, 1943

Family Pocilloporidae Gray, 1842

Genus *Pocillopora* Lamarck, 1816

***Pocillopora elegans* Dana, 1846**

Suborder Fungiina Verrill, 1865

Family Poritidae Gray, 1842

Genus *Porites* Link, 1807

***Porites panamensis* Verrill, 1866**

Family Agariciidae Gray, 1847

Genus *Pavona* Lamarck, 1801

***Pavona gigantea* Verrill, 1869**

Subclass Octocorallia Haeckel, 1866

Order Alcyonacea Lamouroux, 1816

Grupo Alcyoniina Lamouroux, 1816

Family Alcyoniidae Lamouroux, 1812

Genus *Anthomastus* Verrill, 1878

***Anthomastus* sp.**

Grupo Scleraxonia Studer, 1887

Family Paragorgiidae Kükenthal, 1916

Genus *Paragorgia* Milne Edwards & Haime, 1857

***Paragorgia* sp.**

Suborder Holaxonia Studer, 1887

Family Gorgoniidae Lamouroux, 1812

Genus *Eugorgia* Verrill, 1868

***Eugorgia* n. sp.**

***Eugorgia auriantica* (Horn, 1860)**

***Eugorgia multifida* Verrill, 1870**

***Eugorgia rubens* Verrill, 1868**

Genus *Leptogorgia* Milne Edwards & Haime, 1857

***Leptogorgia* n. sp.**

***Leptogorgia chilensis* (Verrill, 1868)**

***Leptogorgia rigida* Verrill, 1864**

Genus *Pacifigorgia* Bayer, 1951

***Pacifigorgia* n. sp. 1**

***Pacifigorgia* n. sp. 2**

***Pacifigorgia agassizii* (Verrill, 1864)**

***Pacifigorgia media* (Verrill, 1864)**

***Pacifigorgia gracilis* (Kükenthal, 1924)**

Family Plexauridae Gray, 1859

Genus *Heterogorgia* Verrill, 1868

***Heterogorgia verrucosa* Verrill, 1868**

Genus *Muricea* Lamouroux, 1821

***Muricea* n. sp. 1**

***Muricea* n. sp. 2**

***Muricea* n. sp. 3**

***Muricea appressa* Verrill, 1864**

***Muricea austera* Verrill, 1868**

***Muricea fruticosa* Verrill, 1868**

Genus *Psammogorgia* Verrill, 1868

***Psammogorgia teres* Verrill, 1868**

Suborder Calcaxonia Grasshoff, 1999

Family Ellisellidae Gray, 1859

Genus *Ellisella* Gray, 1858

***Ellisella limbaughi* Bayer & Deichmann, 1960**

Order Pennatulacea Verrill, 1865

Pennatulacea sp.

Suborder Sessiliflorae Kükenthal, 1915

Family Veretillidae Herklots, 1858

Genus *Cavernulina* Kükenthal & Broch, 1911

***Cavernulina* sp.**

Suborder Subselliiflorae Kükenthal, 1915

Family Pennatulidae Ehrenberg, 1834

Genus *Ptilosarcus* Verrill, 1865

***Ptilosarcus* sp.**

Family Virgulariidae Verrill, 1868

Genus *Virgularia* Lamarck, 1816

***Virgularia* sp.**

Class Hydrozoa Owen, 1843

Subclass Hydroidolina Collins, 2000

Order Anthoathecata Cornelius, 1992

Suborder Filifera Kühn, 1913

Family Hydractiniidae Agassiz, 1862

Genus *Janaria* Stechow, 1921

***Janaria mirabilis* Stechow, 1921**

Suborder Capitata Kühn, 1913

Family Tubulariidae Fleming, 1828

Genus *Tubularia* Linnaeus, 1758

***Tubularia* sp.**

Order Leptothecata Cornelius, 1982

Suborder Conica Broch, 1910

***Conica* sp. 1**

***Conica* sp. 2**

Family Aglaopheniidae Agassiz, 1862

Genus *Aglaophenia* Lamouroux, 1812

***Aglaophenia* sp.**

Family Plumulariidae McCrady, 1859

Genus *Lytocarpus* Allman, 1883

***Lytocarpus nuttingi* Hargitt, 1927**

Genus *Plumularia* Lamarck, 1816

***Plumularia* sp.**

Suborder Proboscidoidea Broch, 1910

Family Campanulariidae Johnston, 1836

Genus *Obelia* Péron & Lesueur, 1810

***Obelia* sp.**

Phylum Annelida Cuvier, 1816

Class Polychaeta Grube, 1850

Order Aciculata Rouse & Fauchald, 1997

Suborder Eunicida Rouse & Fauchald, 1997

Family Amphinomidae Savigny in Lamarck, 1818

Genus *Chloeia* Savigny, 1818

***Chloeia viridis* (Schmarda, 1861)**

Genus *Eurythoe* Kinberg, 1857
***Eurythoe complanata* (Pallas, 1766)**

Family Dorvilleidae Chamberlin, 1919
Dorvilleidae sp.

Family Eunicidae Berthold, 1827
Eunicidae sp.

Family Oeononidae Kinberg, 1865
Oeononidae sp.

Family Onuphidae Kinberg, 1865
Onuphidae sp.

Suborder Phyllodocida Rouse & Fauchald, 1997

Family Chrysopetalidae Ehlers, 1864
Genus *Paleonotus* Schmarda, 1861
***Paleonotus* sp. 1**

Family Glyceridae Grube, 1850
Glyceridae sp. 1

Family Hesionidae Grube, 1850
Hesionidae sp.

Family Nereididae Johnston, 1865
Genus *Nicon* Kinberg, 1865
***Nicon moniloceras* (Hartman, 1940)**

Family Phyllodocidae Oersted, 1843
Genus *Eulalia* Savigny, 1818
***Eulalia bilineata* Johnston, 1840**

Family Pilargidae de Saint-Joseph, 1899
Pilargidae sp.

Family Polynoidae Malmgren, 1867
Polynoidae sp.

Family Sigalionidae Malmgren, 1867
Sigalionidae sp.

Family Syllidae Grube, 1850
Genus *Syllis* Savigny, 1818
***Syllis armillaris* (Müller, 1776)**

Subclass Palpata Rouse & Fauchald, 1997
Order Canalipalpata Rouse & Fauchald, 1997

Suborder Sabellida Rouse & Fauchald, 1997

Family Sabellidae Latreille, 1825

Genus *Bispira* Krøyer, 1856

***Bispira monroi* Hartman, 1961**

Family Serpulidae Johnston, 1865

Serpulidae sp.

Suborder Spionida Rouse & Fauchald, 1997

Family Magelonidae Fauchald, 1977

Magelonidae sp.

Family Spionidae Fauchald, 1977

Spionidae sp.

Suborder Terebellida Rouse & Fauchald, 1997

Family Cirratulidae Fauchald, 1977

Cirratulidae sp.

Family Flabelligeridae de Saint-Joseph, 1894

Flabelligeridae sp.

Family Terebellidae Grube, 1850

Genus *Loimia* Malmgren, 1866

***Loimia medusa* (Savigny, 1818)**

Genus *Eupolymnia* Verrill, 1900

***Eupolymnia* sp. 1**

Genus *Thelepus* Leuckart, 1849

***Thelepus* sp. 1**

Subfamilia Thelepodinae Holthe, 1976

Genus *Pista* Malmgren, 1866

***Pista* sp. 1**

Subclass Scolecida Rouse & Fauchald, 1997

Family Cossuridae Day, 1963

Cossuridae sp.

Family Paraonidae Cerruti, 1909

Genus *Aricidea* Webster, 1879

***Aricidea (Aedicira) pacifica* Hartman, 1944**

Phylum Mollusca Cuvier, 1795

Class Gastropoda Cuvier, 1795

Subclass Orthogastropoda Ponder & Lindberg, 1995

Superorder Vetigastropoda Salvini-Plawen, 1989

Superfamily Fissurelloidea Fleming, 1822

Family Fissurellidae Fleming, 1822
Genus *Megathura* Pilsbry, 1890
***Megathura crenulata* (G. B. Sowerby I, 1825)**

Superorder Caenogastropoda Cox, 1960
Order Sorbeoconcha Ponder & Lindberg, 1997
Suborder Hypsogastropoda Ponder & Lindberg, 1997
Infraorder Littorinimorpha Golikov & Starobogatov, 1975
Superfamily Cypraeoidea Rafinesque, 1815
Family Ovulidae Fleming, 1822
Genus *Neosimnia* Fischer, 1884
***Neosimnia aequalis* (G. B. Sowerby II, 1832)**
***Neosimnia cf. barbarendis* (Dall, 1892)**

Infraorder Ptenoglossa Gray, 1853
Superfamily Eulimoidea Philippi, 1853
Family Eulimidae Risso, 1826
Genus *Thyca* Köhler & Vaney, 1912
***Thyca callista* Berry, 1959**

Genus *Melanella* Bowdich, 1822
***Melanella townsendi* Bartsch, 1917**

Superfamily Epitonioidae Berry, 1910
Family Epitoniidae Berry, 1910
Genus *Epidendrium* Gittenberger & Gittenberger, 2005
***Epidendrium billeeanum* (Dushane & Bratcher, 1965)**

Infraorder Neogastropoda Thiele, 1929
Superfamily Conoidea Rafinesque, 1815
Family Conidae Rafinesque, 1815
Genus *Conus* Linnaeus, 1758
***Conus* sp.**

Superfamily Muricoidea Rafinesque, 1815
Family Muricidae da Costa, 1776
Genus *Hexaplex* Perry, 1811
***Hexaplex* sp.**
Hexaplex princeps

Genus *Thais* Roding, 1798
***Thais* sp.**

Superorder Heterobranchia Gray, 1840
Order Opisthobranchia Milne-Edwards, 1848
***Opisthobranchia* sp. 1**

Suborder Notaspidea Fischer, 1883
Superfamily Tylodinoidea Gray, 1847

Family Tylodinidae Gray, 1847
Genus *Tylodina* Rafinesque, 1814
***Tylodina fungina* Gabb, 1865**

Suborder Nudibranchia Blainville, 1814
Infraorder Cladobranchia Willan & Morton, 1984
Superfamily Aeolidioidea Gray, 1827
Family Tergipedidae Bergh, 1889
Genus *Phestilla* Bergh, 1874
***Phestilla melanobranchia* Bergh, 1874**

Class Bivalvia Linnaeus, 1758
Subclass Pteriomorphia Beurlen, 1944
Order Ostreoida Ferussac, 1822
Suborder Ostreina Ferussac, 1822
Family Gryphaeidae Vyalov, 1936
Genus *Hytissa* Stenzel, 1971
***Hytissa solida* (Sowerby, 1871)**

Family Ostreidae Rafinesque, 1815
Genus *Ostrea* Linnaeus, 1758
***Ostrea* sp.**

Family Spondylidae Gray, 1826
Genus *Spondylus* Linnaeus, 1758
***Spondylus calcifer* Carpenter, 1857**

Order Pterioidea Newell, 1965
Family Pinnidae Leach, 1819
Genus *Pinna* Linnaeus, 1758
***Pinna rugosa* Sowerby, 1835**

Family Pteriidae Gray, 1847
Genus *Pinctada* Roding, 1798
***Pinctada mazatlanica* (Hanley, 1856)**

Genus *Pteria* Scoploi, 1777
***Pteria sterna* (Gould, 1851)**

Class Cephalopoda Cuvier, 1797
Subclass Coleoidea Bather, 1888
Superorder Octopodiformes Young *et al.*, 1998
Order Octopoda Leach, 1818
Suborder Incirrina Grimpe, 1916
Family Octopodidae D'Orbigny, 1840
Genus *Octopus* Cuvier, 1797
***Octopus rubescens* Berry, 1953**

Phylum Arthropoda Latreille, 1829

Subphylum Crustacea Brünnich, 1772

Class Maxillopoda Dahl, 1956

Subclass Thecostraca Gruvel, 1905

Infraclass Cirripedia Burmeister, 1834

Superorder Thoracica Darwin, 1854

Order Pedunculata Lamarck, 1818

Suborder Lepadomorpha Pilsbry, 1916

Family Oxynaspididae Gruvel, 1905

Genus *Oxynaspis* Darwin, 1851

***Oxynaspis* cf. *rossi* Newman, 1972**

Class Malacostraca Latreille, 1802

Subclass Haplocarida Calman, 1904

Order Stomatopoda Latreille, 1917

Superfamily Gonodactyloidea Giesbrecht, 1910

Family Gonodactylidae Giesbrecht, 1910

Genus *Neogonodactylus* Manning, 1995

***Neogonodactylus zaca* (Manning, 1972)**

Subclass Eumalacostraca Grobben, 1892

Superorder Peracarida Calman, 1904

Order Amphipoda Latreille, 1816

Suborder Gammaridea Latreille, 1803

Family Lysianassidae Dana, 1849

***Lysianassidae* sp. 1**

Superorder Eucarida Calman, 1904

Order Decapoda Latreille, 1802

Suborder Pleocyemata Burkenroad, 1963

Infraorder Caridea Dana, 1852

Superfamily Palaemonoidea Rafinesque, 1815

Family Palaemonoidae Rafinesque, 1815

Subfamilia Pontoniinae Kingsley, 1878

***Pontoniinae* n. sp. 1**

***Pontoniinae* n. sp. 2**

Genus *Allopontonia* Bruce, 1972

***Allopontonia iaini* Bruce, 1972**

Genus *Chacella* Bruce, 1986

***Chacella tricornuta* Hendrickx, 1990**

Genus *Fennera* Holthuis, 1951

***Fennera chacei* Holthuis, 1951**

Genus *Harpiliopsis* Borradaile, 1917

***Harpiliopsis depressa* (Stimpson, 1860)**

***Harpiliopsis spinigera* (Ortmann, 1890)**

Genus *Palaemonella* Dana, 1852
***Palaemonella asymmetrica* Holthuis, 1951**

Genus *Periclimenes* Costa, 1844
***Periclimenes soror* Nobili, 1904**

Genus *Pontonia* Latreille, 1829
***Pontonia margarita* Smith, 1869**

Genus *Pseudoveronia* Marin, 2008
***Pseudoveronia laevifrons* (Holthuis, 1951)**

Genus *Tuleariocaris* Hipeau-Jacquotte, 1965
***Tuleariocaris holthuisi* Hipeau-Jacquotte, 1965**

Superfamily Alpheoidea Rafinesque, 1815

Family Alpheidae Rafinesque, 1815

Genus *Alpheus* Fabricius, 1798
***Alpheus bellimanus* Lockington, 1877**
***Alpheus lottini* Guérin-Méneville, 1829**

Genus *Pomagnathus* Chace, 1937
***Pomagnathus corallinus* Chace, 1937**

Genus *Synalpheus* Bate, 1888
***Synalpheus charon* (Heller, 1861)**

Infraorder Palinura Latreille, 1802

Superfamily Palinuroidea Latreille, 1802

Family Palinuridae Latreille, 1802

Genus *Panulirus* White, 1847
***Panulirus inflatus* (Bouvier, 1895)**

Infraorder Anomura MacLeay, 1838

Superfamily Galattheoidea Samouelle, 1819

Family Galatheidae Samouelle, 1819

Galatheidae sp.

Genus *Munida* Leach, 1820
***Munida mexicana* Benendict, 1902**

Superfamily Paguroidea Latreille, 1802

Family Diogenidae Ortmann, 1892

Genus *Aniculus* Dana, 1852
***Aniculus elegans* Stimpson, 1859**

Family Paguridae Latreille, 1802

Genus *Manucomplanus* McLaughlin, 1981
***Manucomplanus varians* (Benedict, 1892)**

Infraorder Brachyura Latreille, 1802
Section Eubrachyura de Saint Laurent, 1980
Subsection Heterotremata Guinot, 1977
Superfamily Majoidea Samouelle, 1819
Family Inachidae MacLeay, 1838
Genus *Podochela* Stimpson, 1860
***Podochela veleronis* Garth, 1958**

Genus *Stenorhynchus* Lamarck, 1818
***Stenorhynchus debilis* (Smith, 1871)**

Family Majidae Samouelle, 1819
Genus *Maiopsis* Faxon, 1893
***Maiopsis pamamensis* Faxon, 1893**

Family Mithracidae Blass, 1929
Genus *Microphrys* A. Milne Edwards, 1851
***Microphrys branchialis* Rathbun, 1898**

Superfamily Xanthoidea MacLeay, 1838
Family Penopeidae Ortmann, 1893
Genus *Microcassiope* Guinot, 1967
***Microcassiope xantusii xantusii* (Stimpson, 1871)**

Family Pilumnidae Samouelle, 1819
Genus *Pilumnus* Leach, 1815
***Pilumnus* sp.**

Family Trapeziidae Miers, 1886
Genus *Quadrella* Dana, 1851
***Quadrella nitida* Smith, 1869**

Genus *Trapezia* Latreille, 1828
***Trapezia corallina* Gerstaecker, 1857**
***Trapezia bidentata* (Forskål, 1775)**

Family Xanthidae McLeay, 1838
Genus *Paractea* Guinot, 1969
***Paractea sulcata* (Stimpson, 1860)**

Superfamily Cryptochiroidea Paulson, 1875
Family Cryptochiridae Paulson, 1875
Genus *Hapalocarcinus* Stimpson, 1859
***Hapalocarcinus marsupialis* Stimpson, 1859**

Subsection Thoracotremata Guinot, 1977
Superfamily Grapsoidea MacLeay, 1838
Family Plagusiidae Dana, 1851

Genus *Percnon* Gistel, 1848
***Percnon gibbesi* (Milne Edwards, 1853)**

Phylum Echinodermata Klein, 1734

Class Asteroidea de Blainville, 1830

Order Paxillosida Perrier, 1884

Family Luidiidae Sladen, 1889

Genus *Luidia* Forbes, 1839

***Luidia (Alternaster) phragma* H. L. Clark, 1910**

***Luidia ludwigi* Fisher, 1906**

Family Astropectinidae Gray, 1840

Genus *Astropecten* Gray, 1840

***Astropecten ornatissimus* Fisher, 1906**

Genus *Tethyaster* Sladen, 1889

***Tethyaster canaliculatus* (A. H. Clark, 1916)**

Order Valvatida Perrier, 1884

Family Asterodiscididae Rowe, 1977

Genus *Amphiaster* Verill, 1868

***Amphiaster insignis* Verill, 1868**

Family Oreasteridae Fisher, 1911

Genus *Nidorellia* Gray, 1840

***Nidorellia armata* Gray, 1840**

Genus *Pentaceraster* Döderlein, 1916

***Pentaceraster cumingi* Gray, 1840**

Family Asteropseidae Hotchkiss & A. M. Clark, 1976

Genus *Asteropsis* Müller & Troschel, 1840

***Asteropsis spinosa* Gray, 1840**

Family Acanthansteridae Sladen, 1889

Genus *Acanthaster* Gervais, 1841

***Acanthaster planci* Linnaeus, 1758**

Family Mithrodiidae Viguier, 1878

Genus *Mithrodia* Gray, 1840

***Mithrodia bradleyi* Verrill, 1867**

Family Ophidiasteridae Verrill, 1870

Genus *Narcissia* Gray, 1840

***Narcissia gracilis* A. H. Clark, 1916**

Genus *Leiaster* Peters, 1852

***Leiaster teres* Verrill, 1871**

Genus *Pharia* Gray, 1840
***Pharia pyramidatus pyramidatus* Gray, 1840**

Genus *Phataria* Gray, 1840
***Phataria unifascialis* Gray, 1840**

Order Spinulosida Perrier, 1884
Family Echinasteride Verrill, 1870
Genus *Henricia* Gray, 1840
***Henricia* sp.**
***Henricia clarki* Fisher, 1910**
***Henricia nana* Ludwig, 1905**

Order Forcipulatida Perrier, 1884
Family Labidiasteridae Verrill, 1914
Genus *Coronaster* Perrier, 1885
***Coronaster marchenus* Ziesenhenné, 1942**

Family Asteriidae Gray, 1840
Genus *Astrometis* Fisher, 1923
***Astrometis sertulifera* Xantus, 1860**

Family Heliasteridae Viguié, 1878
Genus *Heliaster* Gray, 1840
***Heliaster kubiniji* Xantus, 1860**

Class Ophiuroidea Gray, 1840
Order Phrynophiurida Matsumoto, 1915
Family Gorgonocephalidae Ljungman, 1867
Genus *Astrodictyum* Doederlein, 1927
***Astrodictyum panamense* Verrill, 1867**

Genus *Astrocaneum* Doederlein, 1911
***Astrocaneum spinosum* (Lyman, 1875)**

Order Ophiurida Müller & Troschel, 1840
Family Ophiuridae Lyman, 1865
Genus *Ophiolepis* Müller & Troschel, 1840
***Ophiolepis crassa* Nielsén, 1932**

Family Ophiocomidae Ljungman, 1867
Genus *Ophiocoma* Agassiz, 1836
***Ophiocoma alexandri* Lyman, 1860**

Family Ophionereididae Ljungman, 1867
Genus *Ophionereis* Lütken, 1859
***Ophionereis annulata* Le Conte, 1851**
***Ophionereis perplexa* Ziesenhenné, 1940**

Family Ophiidermatidae Ljungman, 1867
Genus *Ophioderma* Müller & Troschel, 1840
***Ophioderma* n. sp.**
***Ophioderma variegatum* Lütken, 1859**
***Ophioderma vansyoci* Hendler, 1996**

Family Ophiacanthidae Perrier, 1891
Genus *Ophiacantha* Müller & Troschel, 1842
***Ophiacantha* n. sp. 1**
***Ophiacantha* n. sp. 2**

Family Ophiactidae Matsumoto, 1915
Genus *Ophiactis* Lütken, 1856
***Ophiactis* sp.**
***Ophiactis savignyi* Müller & Troschel, 1842**
***Ophiactis simplex* Le Conte, 1851**

Family Amphiuridae Ljungman, 1867
Genus *Ophiostigma* Lütken, 1856
***Ophiostigma* sp. 1**
***Ophiostigma* sp. 2**

Family Ophiotrichidae Ljungman, 1866
Genus *Ophiothrix* Müller & Troschel, 1840
***Ophiothrix galapagensis* Lüdken & Mortensen, 1899**
***Ophiothrix spiculata* Le Conte, 1851**

Genus *Ophiothela* Verrill, 1867
***Ophiothela mirabilis* Verrill, 1867**

Class Echinoidea Leske, 1778

Order Cidaroida Claus, 1880

Family Cidariidae Gray, 1825

Genus *Eucidaris* Pomel, 1883

***Eucidaris thouarsii* Valenciennes, 1846**

Genus *Hesperocidaris* Mortensen, 1928

***Hesperocidaris perplexa* (H. L. Clark, 1907)**

Order Diadematoida Duncan, 1889

Family Diadematidae Gray, 1855

Genus *Diadema* Gray, 1825

***Diadema mexicanum* A. Agassiz, 1863**

Order Phymosomatoida Mortensen, 1904

Family Arbaciidae Gray, 1855

Genus *Arbacia* Gray, 1835

***Arbacia incisa* (A. Agassiz, 1863)**

- Order Echinoida Claus, 1876
Family Toxopneustidae Troschel, 1872
Genus *Toxopneustes* A. Agassiz, 1841
***Toxopneustes roseus* (A. Agassiz, 1863)**
- Genus *Tripneustes* L. Agassiz, 1841
***Tripneustes depressus* A. Agassiz, 1863**
- Order Spatangoida Claus, 1876
Family Loveniidae Lambert, 1905
Genus *Lovenia* Desor, 1847
***Lovenia cordiformis* A. Agassiz, 1872**
- Family Brissidae Gray, 1855
Genus *Brissus* Gray, 1825
***Brissus obessus* Verrill, 1867**
- Genus *Metalia* Gray, 1855
***Metalia espatagus* (Linnaeus, 1758)**
- Class Holothuroidea de Blainville, 1834
Order Aspidochirotida Grube, 1840
Family Holothuriidae Ludwig, 1894
Genus *Holothuria* Linnaeus, 1767
Subgénero *Cystipus* Haacke, 1880
***Holothuria (Cystipus) inhabilis* Selenka, 1867**
- Subgénero *Mertensiothuria* Deichmann, 1958
***Holothuria (Mertensiothuria) fuscocinerea* Jaeger, 1833**
- Subgénero *Semperothuria* Deichmann, 1958
***Holothuria (Semperothuria) imitans* Ludwig, 1874**
- Subgénero *Thymiosycia* Pearson, 1914
***Holothuria (Thymiosycia) arenicola* Semper, 1868**
***Holothuria (Thymiosycia) impatiens* (Forskal, 1775)**
- Subgénero *Vaneyothuria* (Deichmann, 1958)
***Holothuria (Vaneyothuria) zaca* cf. *iota* Deichmann, 1937**
- Family Stichopodidae Haeckel, 1896
Genus *Isostichopus* Deichman, 1958
***Isostichopus fuscus* Ludwig, 1874**
- Order Apodida Brandt, 1835
Family Synaptidae Burnmeister, 1837
Genus *Euapta* Öestergren, 1898
***Euapta godeffroyi* (Semper, 1868)**

Phylum Chordata Bateson, 1885

Subphylum Tunicata Lamarck, 1816

Class Ascidiacea Blainville, 1824

Order Aplousobranchiata Lahille, 1887

Family Clavelinidae Forbes & Hanley, 1848

Genus *Eudistoma* Caullery, 1909

***Eudistoma pachecae* (Van Name, 1945)**