

Checklist of cryptofauna assemblages in coral reefs of two subregions of the Great Caribbean Sea using ARMS

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This checklist contains systematic information of specimens of the cryptofauna assemblages identified by experts of each Phyla and is a complementary material of the research “Evaluation of the use of Autonomous Reef Monitoring Structures (ARMS) to estimate cryptic diversity in two coral reefs of the Yucatan Península, México”. The checklist contains 370 morphotypes, 246 species, 86 genera, two subfamilies, 26 families, seven classes and nine Phyla. For the present research, animals of the appropriate species and quality were selected and the minimum number required to obtain scientifically valid results were considered, all animals were anesthetized and deposited in National Collections: Colección Regional de Crustáceos de la Península de Yucatán (SEMARNAT number: YUC-CC-255-11), Colección Regional de Moluscos de la Península de Yucatán (SEMARNAT number: YUC. -INV-240-01-11), Colección Regional de Equinodermos de la Península de Yucatán (SEMARNAT number: DGVS-CC-307-18), Colección Regional de Ascidiarias de la Península de Yucatán (SEMARNAT number: DGVS-CC-306-18), Colección Regional de Briozoos de la Península de Yucatán (SEMARNAT number: DGVS-CC-308-18), Colección Regional de Cnidarios de la Península de Yucatán (SEMARNAT number: YUC-CC-254-11), Colección Regional de Policládidos de la Península de Yucatán (105 Collection CONABIO) and Colección Nacional del Phyla Porifera “Gerardo Green” of Universidad Nacional Autónoma de México, Facultad de Ciencias, Sisal, Mexico (UMDI-Sisal) and within accordance with scientific collection permits: PPF/DGOPA: 295/17, 300/17, 294/17, 293/17, PPF/DGOPA-076/19 issued by Mexico’s State Secretaria de Agricultura, Ganaderia, Desarrollo Rural, Pesca y Alimentación (SAGARPA).

Systematics

Kingdom Animalia

Phylum Annelida

Class Polychaeta Grube, 1850

Subclass Errantia Audouin & H Milne Edwards, 1832

Order Amphinomida Fauchald, 1977

Family Amphinomidae Lamarck, 1818

Subfamily Archinominae Kudenov, 1991

Genus *Notopygos* Grube, 1855

1. *Notopygos* sp.

Family Euphrosinidae Williams, 1852

Genus *Euphrosine* Lamarck, 1818

2. *Euphrosine triloba* Ehlers, 1887

Order Eunicida Fauchald, 1977

Family Dorvilleidae Chamberlin, 1919

3. *Dorvilleidae* sp.

Family Eunicidae Berthold, 1827

Genus *Eunice* Cuvier, 1817

4. *Eunice* cf. *lanai* Carrera-Parra & Salazar-Vallejo, 1998

5. *Eunice* sp.

Genus *Lysidice* Lamarck, 1818

6. *Lysidice collaris* Grube, 1870

Genus *Nicidion* Kinberg, 1865

7. *Nicidion cariboea* (Grube, 1856)

Genus *Palola* Gray in Stair, 1847

8. *Palola siciliensis* (Grube, 1840)

Family Lumbrineridae Schmarda, 1861

Genus *Lumbrineris* Blainville, 1828

9. *Lumbrineris perkinsi* Carrera-Parra, 2001

Family Oeonidae Kinberg, 1865

Genus *Arabella* Grube, 1850

10. *Arabella iricolor* (Montagu, 1804)

Order Phyllodocida Dales, 1962

Suborder Aphroditiformia

Family Polynoidae Kinberg, 1856

11. *Polynoidae* sp.

Family Sigalionidae Kinberg, 1856

12. *Sigalionidae* sp.

Suborder Glyceriformia

Family Glyceridae Grube, 1850

Genus *Glycera* Grube, 1850

13. *Glycera* sp.

Suborder Nereidiformia Ehlers, 1864

Family Chrysopetalidae Ehlers, 1864

Subfamily Chrysopetalinae

Genus *Treptopale* Perkins, 1985

14. *Treptopale rudolphi* Perkins, 1985

Family Hesionidae Grube, 1850

15. *Hesionidae* sp.

Family Nereididae Blainville, 1818

16. *Nereididae* sp.

Subfamily Gymnonereidinae Banse, 1977

Genus *Rullierinereis* Pettibone, 1971

17. *Rullierinereis* cf. *bahamensis* (Hartmann-Schröder, 1958)

Genus *Nicon* Kinberg, 1865

18. *Nicon moniloceras* (Hartman, 1940)

Subfamily Nereidinae Blainville, 1818

19. *Nereidinae* sp.

Genus *Composetia* Hartmann-Schröder, 1985

20. *Composetia irritabilis* (Webster, 1879)

21. *Composetia* sp.

Genus *Nereis* Linnaeus, 1758

22. *Nereis jacksoni* Kinberg, 1865

Family Syllidae Grube, 1850

23. *Syllidae* sp.

Subfamily Anoplosyllinae Aguado & San Martín, 2009

Genus *Streptosyllis* Webster & Benedict, 1884

24. *Streptosyllis websteri* Southern, 1914

Subfamily Exogoninae Langerhans, 1879

25. *Exogoninae* sp.

Genus *Amblyosyllis* Grube, 1857

26. *Amblyosyllis* sp.

Genus *Parapionosyllis* Fauvel, 1923

27. *Parapionosyllis longicirrata* (Webster & Benedict, 1884)

Subfamily Syllinae Grube, 1850

Genus *Haplosyllis* Langerhans, 1879

28. *Haplosyllis spongicola* (Grube, 1855)

Genus *Inermosyllis* San Martín, 2003

29. *Inermosyllis* sp.

Genus *Syllis* Lamarck, 1818

30. *Syllis amica* Quatrefages, 1866

31. *Syllis bella* (Chamberlin, 1919)

32. *Syllis* sp.

Genus *Trypanosyllis* Claparède, 1864

33. *Trypanosyllis parvidentata* Perkins, 1981

Suborder Phyllocifomia Levinsen, 1883

Family Phyllocifidae Örsted, 1843

Subfamily Notophyllinae Pleijel, 1991

Genus *Nereiphylla* Blainville, 1828

34. *Nereiphylla castanea* (Marenzeller, 1879)

35. *Nereiphylla fragilis* (Webster, 1879)

Subclass Sedentaria Lamarck, 1818

Infraclass Canalipalpata Rouse & Fauchald, 1997 non-Linnaean

Order Sabellida Levinsen, 1883

Family Sabellidae Latreille, 1825

Subfamily Sabellinae Chamberlin, 1919

Genus *Parasabella* Bush, 1905

36. *Parasabella lacunosa* (Perkins, 1984)

Genus *Pseudobranchiomma* Jones, 1962

37. *Pseudobranchiomma perkinsi* Knight-Jones & Giangrande, 2003

Family Serpulidae Rafinesque, 1815

38. *Serpulidae* sp.

Genus *Hydroides* Gunnerus, 1768

39. *Hydroides mucronata* Rioja, 1958

Order Spionida sensu Rouse & Fauchald, 1997

Suborder Spioniformia Fauchald, 1977

Family Spionidae Grube, 1850

40. *Spionidae* sp.

Order Terebellida sensu Rouse & Fauchald, 1997

Suborder Cirratuliformia Fauchald, 1977

Family Cirratulidae Ryckholt, 1851

Genus *Aphelochaeta* Blake, 1991

41. *Aphelochaeta marioni* (Saint-Joseph, 1894)

42. *Aphelochaeta monilaris* (Hartman, 1960)

Genus *Cirratulus* Lamarck, 1818

43. *Cirratulus hedgpethi* Hartman, 1951

Genus *Timarete* Kinberg, 1866

44. *Timarete punctata* (Grube, 1859)

Family Flabelligeridae Flabelligeridae de Saint-Joseph, 1894

Genus *Semiodera* Chamberlin, 1919

45. *Semiodera cariboum* (Grube, 1859)

Suborder Terebelliformia Levinsen, 1882

Family Terebellidae Johnston, 1846

Subfamily Terebellinae Johnston, 1846

Genus *Eupolymnia* Verrill, 1900

46. *Eupolymnia rullieri* Londoño-Mesa, 2009

Subfamily Thelepodinae Hessle, 1917

Genus *Parathelepus* Caullery, 1915

47. *Parathelepus anomalus* (Londoño-Mesa, 2009)

Tribe Polycirrini Malmgren, 1866

Genus *Polycirrus* Grube, 1850

48. *Polycirrus denticulatus* Saint-Joseph, 1894

Family Pectinariidae Quatrefages, 1866

49. *Pectinariidae* sp.

Infraclass Scolecida

Family Capitellidae Grube, 1862

50. *Capitellidae* sp.

Genus *Dasybranchus* Grube, 1850

51. *Dasybranchus lunulatus* Ehlers, 1887

Genus *Leiocapitella* Hartman, 1947

52. *Leiocapitella glabra* Hartman, 1947

Genus *Scyphoproctus* Gravier, 1904

53. *Scyphoproctus* sp.

Family Cossuridae Day, 1963

Genus *Cossura* Webster & Benedict, 1887

54. *Cossura soyeri* Laubier, 1964

Family Opheliidae Malmgren, 1867

55. *Opheliidae* sp.

Family Orbiniidae Hartman, 1942

56. *Orbiniidae* sp.

Phylum Arthropoda von Siebold, 1848

Subphylum Chelicerata

Class Pycnogonida Latreille, 1810

Order Pantopoda Gerstaecker, 1863

Suborder Eupantopodida

Superfamily Ascorhynchoidea

- Family Ammotheidae Dohrn, 1881
Genus *Ammothella* Verrill, 1900
57. *Ammothella appendiculata* (Dohrn, 1881)
58. *Ammothella spinifera* Cole, 1904
Genus *Tanystylum* Miers, 1879
59. *Tanystylum duospinum* Hilton, 1939
60. *Tanystylum* sp.
Genus *Achelia* Hodge, 1864
61. *Achelia sawayai* Marcus, 1940
62. *Achelia* sp.
Family Ascorhynchidae
Genus *Eurycyde* Schiödte, 1857
63. *Eurycyde unispina* Stock, 1986
Superfamily Phoxichilidoidea
Family Endeidae Norman, 1908
Subfamily Endeinae Norman, 1908
Genus *Endeis* Philippi, 1843
64. *Endeis flaccida* Calman, 1923
Family Phoxichilidiidae
Genus *Anoplodactylus* Wilson, 1878
65. *Anoplodactylus batangensis* (Helfer, 1938)
66. *Anoplodactylus jonesi* Child, 1974

- Subphylum Crustacea Brünnich, 1772**
Superclass Multicrustacea Regier, Shultz, Zwick, Hussey, Ball, Wetzer, Martin & Cunningham, 2010
Class Malacostraca Latreille, 1802
Subclass Eumalacostraca Grobben, 1892
Superorder Eucarida Calman, 1904
Order Decapoda Latreille, 1802
Suborder Pleocyemata Burkenroad, 1963
Infraorder Anomura MacLeay, 1838
Superfamily Galatheoidea Samouelle, 1819
Family Porcellanidae Haworth, 1825
Genus *Megalobrachium* Stimpson, 1858
67. *Megalobrachium soriatum* (Say, 1818)
Genus *Petrolisthes* Stimpson, 1858
68. *Petrolisthes galathinus* (Bosc, 1802)
Superfamily Paguroidea Latreille, 1802
Family Diogenidae Ortmann, 1892
Genus *Paguristes* Dana, 1851
69. *Paguristes tortugae* Schmitt, 1933
Family Paguridae Latreille, 1802
Genus *Pagurus* Fabricius, 1775
70. *Pagurus brevidactylus* (Stimpson, 1859)
Infraorder Brachyura Latreille, 1802
Section Eubrachyura Saint Laurent, 1980

Subsection Heterotremata Guinot, 1977

Superfamily Majoidea Samouelle, 1819

Family Mithracidae MacLeay, 1838

Genus *Mithraculus* White, 1847

71. *Mithraculus coryphe* (Herbst, 1801)

72. *Mithraculus forceps* A. Milne-Edwards, 1875 [in A. Milne-Edwards, 1873-1880]

Genus *Nonala* Windsor & Felder, 2014

73. *Nonala holderi* (Stimpson, 1871)

Genus *Omalacantha* Streets, 1871

74. *Omalacantha bicornuta* (Latreille, 1825)

Genus *Thoe* Bell, 1835

75. *Thoe puella* Stimpson, 1860

Superfamily Xanthoidea MacLeay, 1838

Family Pseudorhombilidae Alcock, 1900

Genus *Micropanope* Stimpson, 1871

76. *Micropanope sculptipes* Stimpson, 1871

Subsection Thoracotremata Guinot, 1977

Superfamily Grapsoidea MacLeay, 1838

Family Grapsidae MacLeay, 1838

Genus *Pachygrapsus* Randall, 1840

77. *Pachygrapsus gracilis* (de Saussure, 1857)

Superfamily Pinnotheridae De Haan, 1833 [in De Haan, 1833-1850]

Family Pinnotheridae De Haan, 1833 [in De Haan, 1833-1850]

Subfamily Pinnotherinae de Haan, 1833

Genus *Parapinnixa* Holmes, 1895

78. *Parapinnixa bouvieri* Rathbun, 1918

Infraorder Caridea Dana, 1852

Superfamily Alpheoidea Rafinesque, 1815

Family Alpheidae Rafinesque, 1815

Genus *Alpheus* Fabricius, 1798

79. *Alpheus formosus* Gibbes, 1850

80. *Alpheus thomasi* Hendrix & Gore, 1973

Genus *Synalpheus* Spence Bate, 1888

81. *Synalpheus apioceros apioceros* Coutière, 1909

82. *Synalpheus townsendi* Coutière, 1909

Family Thoridae Kingsley, 1879

Genus *Thor* Kingsley, 1878

83. *Thor manningi* Chace, 1972

Superfamily Palaemonidae Rafinesque, 1815

Family Palaemonoidea Rafinesque, 1815

Genus *Brachycarpus* Spence Bate, 1888

84. *Brachycarpus biunguiculatus* (Lucas, 1846)

Genus *Cuapetes* Clark, 1919

85. *Cuapetes americanus* (Kingsley, 1878)

Genus *Periclimenaeus* Borradaile, 1915

86. *Periclimenaeus ascidiarum* Holthuis, 1951

Superorder Peracarida

Order Amphipoda Calman, 1904

Suborder Amphilochidea Boeck, 1871

Infraorder Amphilochida Boeck, 1871

Parvorder Amphilochidira Boeck, 1871

Superfamily Amphilochoidea Boeck, 1871

Family Amphilochidae Boeck, 1871

Genus *Apolochus* Hoover & Bousfield, 2001

87. *Apolochus delacaya* (McKinney, 1978)

88. *Apolochus pillaii* (J.L. Barnard & Thomas, 1983)

Genus *Hourstonius* Hoover & Bousfield, 2001
delacaya (McKinney, 1978)

89. *Hourstonius tortugae* (Shoemaker, 1942)

Family Stenothoidae Boeck, 1871

Subfamily Stenothoinae Boeck, 1871

Genus *Stenothoe* Dana, 1852

90. *Stenothoe valida* Dana, 1852

Superfamily Iphimedioidea Boeck, 1871

Family Iphimediidae Boeck, 1871

Genus *Iphimedia* Rathke, 1843

91. *Iphimedia* sp.

Family Ochlesidae Stebbing, 1910

Genus *Curidia* Thomas, 1983

92. *Curidia debrogania* Thomas, 1983

93. *Curidia nunoi* Winfield & Ortiz, 2013

Superfamily Leucothoidea Dana, 1852

Family Leucothoidae Dana, 1852

Genus *Anamixis* Stebbing, 1897

94. *Anamixis cavatura* Thomas, 1997

Genus *Leucothoe* Leach, 1814

95. *Leucothoe garifunae* Thomas & Klebba, 2007

96. *Leucothoe spinicarpa* (Abildgaard, 1789)

97. *Leucothoe wuriti* Thomas & Klebba, 2007

98. *Leucothoe* sp.

Parvorder Eusiridira Stebbing, 1888

Superfamily Liljeborgioidea Stebbing, 1899

Family Liljeborgiidae Stebbing, 1899

Subfamily Idunellinae d'Udekem d'Acoz, 2010

Genus *Idunella* G.O. Sars, 1894

99. *Idunella* sp.

Parvorder Oedicerotidira Lilljeborg, 1865

Superfamily Oedicerotoidea Lilljeborg, 1865

Family Oedicerotidae Lilljeborg, 1865

Genus *Periocolodes* G.O. Sars, 1892

100. *Periocolodes cerasinus* Thomas & J.L. Barnard, 1985

Infraorder Lysianassida Dana, 1849

Parvorder Lysianassidira Dana, 1849

Superfamily Lysianassoidea Dana, 1849
Family Lysianassidae Dana, 1849
Genus *Concarnes* Barnard & Karaman, 1991
101. *Concarnes concavus* (Shoemaker, 1933)
Genus *Shoemakerella* Pirlot, 1936
102. *Shoemakerella cubensis* (Stebbing, 1897)
Subfamily Lysianassinae Dana, 1849
Genus *Aruga* Holmes, 1908
103. *Aruga holmesi* J.L. Barnard, 1955

Parvorder Synopiidira Dana, 1852

Superfamily Dexaminoidea Leach, 1814
Family Dexaminidae Leach, 1814
Subfamily Dexamininae Leach, 1814
Genus *Dexaminella* Schellenberg, 1928
104. *Dexaminella* sp.
Subfamily Prophiantinae Nicholls, 1939
Genus *Guernea* Chevreux, 1887
105. *Guernea* sp.

Superfamily Synopioidea Dana, 1852
Family Ampeliscidae Krøyer, 1842
Genus *Ampelisca* Krøyer, 1842
106. *Ampelisca burkei* Barnard & Thomas, 1989
107. *Ampelisca schellenbergi* Shoemaker, 1933

Suborder Colomastigidea Chevreux, 1899

Infraorder Colomastigida Chevreux, 1899

Parvorder Colomastigidira Chevreux, 1899

Superfamily Colomastigoidea Chevreux, 1899
Family Colomastigidae Chevreux, 1899
Genus *Colomastix* Grube, 1861
108. *Colomastix bousfieldi* LeCroy, 1995
109. *Colomastix falcirama* LeCroy, 1995
110. *Colomastix halichondriae* Bousfield, 1973
111. *Colomastix irciniae* LeCroy, 1995
112. *Colomastix tridentata* LeCroy, 1995
113. *Colomastix* sp.

Suborder Senticaudata Lowry & Myers, 2013

Infraorder Corophiida Leach, 1814 (sensu Lowry & Myers, 2013)

Parvorder Caprellidira Leach, 1814 (sensu Lowry & Myers, 2013)

Superfamily Caprelloidea Leach, 1814
Family Caprellidae Leach, 1814
Subfamily Caprellinae Leach, 1814
Genus *Deutella* Mayer, 1890
114. *Deutella incerta* (Mayer, 1903)
Genus *Pseudaeginella* Mayer, 1890
115. *Pseudaeginella biscaynensis* (McCain, 1968)
Genus *Hemiaegina* Mayer, 1890
116. *Hemiaegina minuta* Mayer, 1890

- Family Podoceridae Leach, 1814
Genus *Podocerus* Leach, 1814
117. *Podocerus kleidus* Thomas & J.L. Barnard, 1992
- Superfamily Photoidea Boeck, 1871
Family Ischyroceridae Stebbing, 1899
Subfamily Ischyrocerinae Stebbing, 1899
Tribe Ericthonini Just, 2017
Genus *Ericthonius* H. Milne Edwards, 1830
118. *Ericthonius brasiliensis* (Dana, 1853)
119. *Ericthonius cf brasiliensis* (Dana, 1853)
- Family Photidae Boeck, 1871
Genus *Photis* Krøyer, 1842
120. *Photis* sp.
Genus *Gammaropsis* Lilljeborg, 1855
121. *Gammaropsis* sp. 1
122. *Gammaropsis* sp. 2
Genus *Latigammaropsis* Myers, 2009
123. *Latigammaropsis atlantica* (Stebbing, 1888)
- Parvorder Corophiida Leach, 1814 (sensu Lowry & Myers, 2013)**
- Superfamily Aoroidea Stebbing, 1899
Family Aoridae Stebbing, 1899
Genus *Bemlos* Shoemaker, 1925
124. *Bemlos kunkelae* (A. A. Myers, 1977)
125. *Bemlos longicarpus* (Myers, 1978)
126. *Bemlos spinicarpus* (Pearse, 1912)
127. *Bemlos* sp.
Genus *Lembos* Spence Bate, 1857
128. *Lembos unifasciatus* Myers, 1977
- Superfamily Chevalioidea Myers & Lowry, 2003
Family Chevaliidae Myers & Lowry, 2003
Genus *Chevalia* Walker, 1904
129. *Chevalia caetes* Souza-Filho, Souza & Valério-Berardo, 2010
130. *Chevalia mexicana* Pearse, 1913
131. *Chevalia* sp.
- Superfamily Corophioidea Leach, 1814
Family Ampithoidae Boeck, 1871
Genus *Ampithoe* Leach, 1814
132. *Ampithoe marcuzzii* Ruffo, 1954
133. *Ampithoe ramondi* Audouin, 1826
Genus *Pseudamphithoides* Ortiz, 1976
134. *Pseudamphithoides incurvaria* (Just, 1977)
Genus *Sunamphitoe* Spence Bate, 1857
135. *Sunamphitoe pelagica* (H. Milne Edwards, 1830)
- Infraorder Hadziida S. Karaman, 1943**
Parvorder Hadziidira S. Karaman, 1932
Superfamily Calliopoidea Sars, 1895

- Family Pontogeneiidae Stebbing, 1906
 Genus *Nasageneia* Barnard & Karaman, 1987
 136. *Nasageneia bacescui* Ortiz & Lalana, 1994
 Genus *Tethygeneia* J.L. Barnard, 1972
 137. *Tethygeneia longleyi* (Shoemaker, 1933)
 Superfamily Hadzioidea S. Karaman, 1943 (Bousfield, 1983)
 Family Maeridae Krapp-Schickel, 2008
 Genus *Ceradocus* Costa, 1853
 138. *Ceradocus shoemakeri* Fox, 1973
 Genus *Clessidra* Krapp-Schickel & Vader, 2009
 139. *Clessidra tinkerenis* (Kunkel, 1910)
 Genus *Elasmopus* Costa, 1853
 140. *Elasmopus balkomanus* Thomas & J.L. Barnard, 1988
 141. *Elasmopus levis* (S.I. Smith in Verrill, 1873)
 142. *Elasmopus* sp.
 Genus *Quadrимаera* Krapp-Schickel & Ruffo, 2000
 143. *Quadrимаera christianaе* Krapp-Schickel & Ruffo, 2000
 144. *Quadrимаera miranda* (Ruffo, Krapp-Schickel & Gable, 2000)
 145. *Quadrимаera quadrimana* (Dana, 1852)
 146. *Quadrимаera sarae* Krapp-Schickel & Ruffo, 2000
 147. *Quadrимаera* sp.
 Family Melitidae Bousfield, 1973
 Genus *Melita* Leach, 1814
 148. *Melita planaterga* Kunkel, 1910
- Infraorder Talitrida Rafinesque, 1815**
Parvorder Talitridira Rafinesque, 1815
 Superfamily Hyaloidea Bulyčeva, 1957
 Family Phliantidae Stebbing, 1899
 Genus *Pariphinotus* Kunkel, 1910
 149. *Pariphinotus seclusus* (Shoemaker, 1933)
- Subclass Hoplocarida Calman, 1904**
Order Stomatopoda Latreille, 1817
Suborder Unipeltata Latreille, 1825
 Superfamily Gonodactyloidea Giesbrecht, 1910
 Family Gonodactylidae Giesbrecht, 1910
 Genus *Neogonodactylus* Manning, 1995
 150. *Neogonodactylus curacaoensis* (Schmitt, 1924)

Phylum Bryozoa

Class Gymnolaemata

Order Cheilostomatida

Suborder Flustrina Smitt 1868

Infraorder Lepraliomorpha

Superfamily Smittinoidea

Family Smittinidae

Genus *Parasmittina*

151. *Parasmittina bimucronata* (Hincks, 1884)
Superfamily Calloporoidea
Family Antroporidae
Genus Akatopora
152. *Akatopora leucocypha* (Marcus, 1937)
Family Calloporidae
Genus Retevirgula
153. *Retevirgula tubulata* (Hastings, 1930)
Superfamily Celleporoidea
Family Phidoloporidae
Genus Plesiocleidochasma
154. *Plesiocleidochasma* sp. 1
Genus Rhynchozoon
155. *Rhynchozoon* sp.
Superfamily Schizoporelloidea
Family Schizoporellidae
Genus Schizoporella
156. *Schizoporella* sp. 1

Infraorder Umbonulomorpha

- Superfamily Lepralielloidea
Family Lepraliellidae
Genus Celleporaria
157. *Celleporaria albirostris* (Smitt, 1873)
158. *Celleporaria* sp.

Suborder Thalamoporellina

- Superfamily Thalamoporelloidea
Family Steginoporellidae
Genus Steginoporella
159. *Steginoporella magnilabris* (Busk, 1854)

Phylum Chordata Haeckel, 1874

Subphylum Tunicata Lamarck, 1816

Class Ascidiacea Blainville, 1824

Order Aplousobranchia Lahille, 1886

160. *Didemnidae* sp. 3
161. *Didemnidae* sp. 4
Family Didemnidae Giard, 1872
Genus Didemnum Savigny, 1816
162. *Didemnum* sp. 1
163. *Didemnum* sp. 2
Genus Lissoclinum Verrill, 1871
164. *Lissoclinum* sp.
Family Euherdmaniidae Ritter, 1904
Genus Euherdmania Ritter, 1904
165. *Euherdmania* sp.
Family Holozoidae Berrill, 1950
166. *Holozoidae* sp.
Genus Distaplia Della Valle, 1881

167. *Distaplia bermudensis* Van Name, 1902

168. *Distaplia* sp. (New Genus)

Family Polycitoridae Michaelsen, 1904

Genus Cystodytes Drasche, 1884

169. *Cystodytes dellechiaiei* (Della Valle, 1877)

Genus Eudistoma Caullery, 1909

170. *Eudistoma obscuratum* (Van Name, 1902)

Family Polyclinidae Milne Edwards, 1841

171. *Polyclinidae* sp.

Genus Polyclinum Savigny, 1816

172. *Polyclinum constellatum* Savigny, 1816

Order Phlebobranchia Lahille, 1886

Family Ascidiidae Herdman, 1882

Genus Ascidia Linnaeus, 1767

173. *Ascidia panamensis* Bonnet & Rocha, 2011

174. *Ascidia* sp.

Family Corellidae Lahille, 1888

Genus Corella Alder & Hancock, 1870

175. *Corella minuta* Traustedt, 1882

Family Perophoridae Giard, 1872

Genus Ecteinascidia Herdman, 1880

176. *Ecteinascidia minuta* Berrill, 1932

Genus Perophora Wiegmann, 1835

177. *Perophora viridis* Verrill, 1871

Order Stolidobranchia Lahille, 1886

Family Styelidae Sluiter, 1895

Genus *Botrylloides* Milne Edwards, 1841

178. *Botrylloides niger* Herdman, 1886

179. *Botrylloides* sp. 1

180. *Botrylloides* sp. 2

181. *Botrylloides* sp. 3

Genus Botryllus Gaertner, 1774

182. *Botryllus* sp.

Genus Eusynstyela Michaelsen, 1904

183. *Eusynstyela* sp.

Genus Polycarpa Heller, 1877

184. *Polycarpa spongiabilis* Traustedt, 1883

Genus Symplegma Herdman, 1886

185. *Symplegma* sp. 1

186. *Symplegma* sp. 2

Subphylum Vertebrata

Infraphylum Gnathostomata

Superclass Pisces

Class Actinopterygii

Order Perciformes

Suborder Blennioidei

Family Labrisomidae Hubbs, 1952

- Genus *Malacoctenus* Gill, 1860
187. *Malacoctenus triangulatus* Springer, 1959
Genus *Starksia* Jordan & Evermann, 1896
188. *Starksia* sp.

Phylum Cnidaria

Class Hydrozoa Owen, 1843

Subclass Hydroidolina Collins, 2000

Order Leptothecata Cornelius, 1992

- Family Campanulariidae Johnston, 1836
Genus *Clytia* Lamouroux, 1812
189. *Clytia linearis* (Thorneley, 1900)
Genus *Laomedea* Lamouroux, 1812
190. *Laomedea exigua* M. Sars, 1857
Family Haleciidae Hincks, 1868
Genus *Halecium* Oken, 1815
191. *Halecium sessile* Norman, 1867
Superfamily Plumularioidea McCrady, 1859
Family Halopterididae Millard, 1962
Genus *Antennella* Allman, 1877
192. *Antennella secundaria* (Gmelin, 1791)
Genus *Halopteris* Allman, 1877
193. *Halopteris diaphana* (Heller, 1868)
Family Plumulariidae McCrady, 1859
Genus *Plumularia* Lamarck, 1816
194. *Plumularia margaretta* (Nutting, 1900)
195. *Plumularia obliqua* (Johnston, 1847)
Superfamily Sertularioidea Lamouroux, 1812
Family Sertulariidae Lamouroux, 1812
Genus *Dynamena* Lamouroux, 1812
196. *Dynamena quadridentata* (Ellis & Solander, 1786)
Genus *Geminella* Billard, 1925
197. *Geminella ceramensis* (Billard, 1925)
Genus *Sertularia* Linnaeus, 1758
198. *Tridentata marginata* (Kirchenpauer, 1864)
199. *Tridentata turbinata* (Lamouroux, 1816)

Phylum Echinodermata Bruguère, 1791 [ex Klein, 1734]

Subphylum Asterozoa

Class Ophiuroidea Gray, 1840

Subclass Myophiuroidea Matsumoto, 1915

Infraclass Metophiurida Matsumoto, 1913

Superorder Ophintegrada O'Hara, Hugall, Thuy, Stöhr & Martynov, 2017

Order Amphilepidida O'Hara, Hugall, Thuy, Stöhr & Martynov, 2017

Suborder Gnathophiurina Matsumoto, 1915

- Superfamily Amphiuroidea Ljungman, 1867
Family Amphiuridae Ljungman, 1867
Genus *Amphiodia* Verrill, 1899
200. *Amphiodia* sp.

- Genus *Amphipholis* Ljungman, 1866
201. *Amphipholis squamata* (Delle Chiaje, 1828)
202. *Amphipholis* sp.
- Genus *Amphiura* Forbes, 1843
203. *Amphiura stimpsonii* Lütken, 1859
- Genus *Ophiostigma* Lütken, 1856
204. *Ophiostigma isocanthum* (Say, 1825)
- Superfamily Ophiactoidea Ljungman, 1867
- Family Ophiactidae Matsumoto, 1915
- Genus *Ophiactis* Lütken, 1856
205. *Ophiactis algicola* H.L. Clark, 1933
206. *Ophiactis lymani* Ljungman, 1872
207. *Ophiactis muelleri* Lütken, 1856
208. *Ophiactis rubropoda* Singletary, 1973
209. *Ophiactis savignyi* (Müller & Troschel, 1842)
- Family Ophiotrichidae Ljungman, 1867
- Genus *Ophiothrix* Müller & Troschel, 1840
210. *Ophiothrix (Ophiothrix) angulata* (Say, 1825)
211. *Ophiothrix (Ophiothrix) oerstedii* Lütken, 1856
- Suborder Ophionereidina O'Hara, Hugall, Thuy, Stöhr & Martynov,**

2017

- Superfamily Ophiolepidioidea Ljungman, 1867
- Family Ophiolepididae Ljungman, 1867 (restricted)
- Genus *Ophiolepis* Müller & Troschel, 1840
212. *Ophiolepis* sp.
- Superfamily Ophionereidoidea Ljungman, 1867
- Family Ophionereididae Ljungman, 1867
- Genus *Ophionereis* Lütken, 1859
213. *Ophionereis squamulosa* Koehler, 1914
- Order Ophiacanthida O'Hara, Hugall, Thuy, Stöhr & Martynov, 2017**
- Suborder Ophiodermatina Ljungman, 1867**
- Superfamily Ophiocomoidea Ljungman, 1867
- Family Ophiocomidae Ljungman, 1867
- Genus *Ophiocoma* L. Agassiz, 1836
214. *Ophiocoma echinata* (Lamarck, 1816)
- Genus *Ophiomastix* Müller & Troschel, 1842
215. *Ophiomastix wendtii* (Müller & Troschel, 1842)
- Genus *Ophiocomella* A.H. Clark, 1939
216. *Ophiocomella pumila* (Lütken, 1856)
- Superfamily Ophiodermatoidea Ljungman, 1867
- Family Ophiodermatidae Ljungman, 1867
- Genus *Ophioderma* Müller & Troschel, 1840
217. *Ophioderma brevispinum* (Say, 1825)
218. *Ophioderma rubicundum* Lütken, 1856

Subphylum Echinozoa

Class Echinoidea Leske, 1778

Subclass Euechinoidea Bronn, 1860

Infraclass Carinacea Kroh & Smith, 2010

Superorder Echinacea Claus, 1876

Order Arbacioida Gregory, 1900

Family Arbaciidae Gray, 1855

Genus *Arbacia* Gray, 1835

219. *Arbacia punctulata* (Lamarck, 1816)

Order Camarodonta Jackson, 1912

Infraorder Echinidea Kroh & Smith, 2010

Superfamily Odontophora Kroh & Smith, 2010

Family Toxopneustidae Troschel, 1872

Genus *Lytechinus* A. Agassiz, 1863

220. *Lytechinus variegatus carolinus* A. Agassiz, 1863

Class Holothuroidea

Subclass Actinopoda Ludwig, 1891

Order Dendrochirotida Grube, 1840

Family Cucumariidae Ludwig, 1894

Genus *Thyonella* Verrill, 1872

221. *Thyonella pervicax* (Théel, 1886)

Family Phyllophoridae Östergren, 1907

Genus *Thyone* Oken, 1815

222. *Thyone pseudofusus* Deichmann, 1930

Phylum Mollusca

Class Polyplacophora Gray, 1821

223. Polyplacophora sp.

Order Chitonida Thiele, 1910

Family Ischnochitonidae Dall, 1889

Genus *Ischnochiton* Dall, 1889

224. *Ischnochiton erythronotus* (C. B. Adams, 1845)

Family Chitonidae Thiele, 1910

Genus *Rhyssoplax* Thiele, 1893

225. *Rhyssoplax janeirensis* (Gray, 1828)

Family Lepidochitonidae Iredale, 1914

Genus *Lepidochitona* Gray, 1821

226. *Lepidochitona liozonis* (Dall & Simpson, 1901)

227. *Lepidochitona pseudoliozonis* cf. García-Ríos, 2015

228. *Lepidochitona* sp.

Family Acanthochitonidae Pilsbry, 1893

Genus *Acanthochitona* Gray, 1821

229. *Acanthochitona roseojugum* Lyons, 1988

230. *Acanthochitona* sp.

Class Bivalvia Linnaeus, 1758

231. Bivalvia sp.

Order Mytilida Férussac, 1822

Family Mytilidae Rafinesque, 1815

Genus *Brachidontes* Swainson, 1840

232. *Brachidontes exustus* (Linnaeus, 1758)

233. *Brachidontes* sp.
Genus *Musculus* Röding, 1798
234. *Musculus lateralis* (Say, 1822)
Genus *Modiolus* Lamarck, 1799
235. *Modiolus americanus* (Leach, 1815)

Order Arcida Stoliczka, 1871

- Family Arcidae Lamarck, 1809
Genus *Arca* Linnaeus, 1758
236. *Arca imbricata* Bruguière, 1789
Genus *Barbatia* Gray, 1842
237. *Barbatia domingensis* (Lamarck, 1819)
238. *Barbatia candida* (Helbling, 1779)

Order Pteriida Newell, 1965

- Family Pteriidae Gray, 1847 (1820)
Genus *Pinctada* Röding, 1798
239. *Pinctada imbricata* Röding, 1798

Order Ostreida Férussac, 1822

- Family Ostreidae Rafinesque, 1815
240. Ostreidae sp.1
241. Ostreidae sp.2
242. Ostreidae sp.3

Order Pectinida Gray, 1854

- Family Pectinidae Rafinesque, 1815
Genus *Caribachlamys* T. R. Waller, 1993
243. *Caribachlamys ornata* (Lamarck, 1819)
Family Spondylidae Gray, 1826
Genus *Spondylus* Linnaeus, 1758
244. *Spondylus americanus* Hermann, 1781

Order Limida Moore, 1952

- Family Limidae Rafinesque, 1815
245. Limidae sp.
Genus *Ctenoides* Mörch, 1853
246. *Ctenoides scaber* (Born, 1778)
Genus *Lima* Bruguière, 1797
247. *Lima caribaea* d'Orbigny, 1853
Genus *Limaria* Link, 1807
248. *Limaria pellucida* (C. B. Adams, 1848)

Order Carditida Dall, 1889

- Family Condylolcardiidae F. Bernard, 1896
Genus *Carditopsis* E. A. Smith, 1881
249. *Carditopsis smithii* (Dall, 1896)

Order Venerida Gray, 1854

- Family Trapezidae Lamy, 1920 (1895)
Genus *Coralliophaga* Blainville, 1824
250. *Coralliophaga coralliophaga* (Gmelin, 1791)
Family Chamidae Lamarck, 1809
Genus *Chama* Linnaeus, 1758

251. *Chama florida* Lamarck, 1819

252. *Chama* sp.

Family Veneridae Rafinesque, 1815

Genus *Chioneryx* Iredale, 1924

253. *Chioneryx grus* (Holmes, 1858)

Order Pholadomyida Newell, 1965 [Anomalodesmata Dall, 1889]

Family Lyonsiidae P. Fischer, 1887

254. Lyonsiidae sp.

Class Gastropoda Cuvier, 1795

255. Gastropoda sp.1

256. Gastropoda sp.2

257. Gastropoda sp.3

258. Gastropoda sp.4

259. Gastropoda sp.5

260. Gastropoda sp.6

Order Lepetellida Moskalev, 1971

Family Fissurellidae Fleming, 1822

Genus *Diodora* Gray, 1821

261. *Diodora dysoni* (Reeve, 1850)

262. *Diodora minuta* (Lamarck, 1822)

263. *Diodora viridula* (Lamarck, 1822)

264. *Diodora* sp.1

265. *Diodora* sp.2

Genus *Emarginula* Lamarck, 1801

266. *Emarginula* sp.

Genus *Lucapina* Gray in G. B. Sowerby I, 1835

267. *Lucapina sowerbii* (Sowerby I, 1835)

Family Scissurellidae Gray, 1847

268. *Sinezona confusa* Rolán & Luque, 1994

Order Trochida Rafinesque, 1815

Family Trochidae Rafinesque 1815

Genus *Lodderena* Iredale 1924

269. *Lodderena pulchella* (Olsson & McGinty 1958)

Family Areneidae McLean, 2012

Genus *Arene* H. Adams & A. Adams, 1854

270. *Arene* sp.

Family Calliostomatidae Thiele, 1924

Genus *Calliostoma* Swainson, 1840

271. *Calliostoma pulchrum* (C. B. Adams, 1850)

Family Phasianellidae Swainson, 1840

Genus *Eulithidium* Pilsbry, 1898

272. *Eulithidium bellum* (M. Smith, 1937)

Family Turbinidae Rafinesque, 1815

Genus *Lithopoma* Gray, 1850

273. *Lithopoma tectum* (Lightfoot, 1786)

Family Tegulidae Kuroda, Habe & Oyama, 1971

Genus *Tegula* Lesson, 1832

274. *Tegula fasciata* (Born, 1778)
275. *Tegula* cf. *gruneri* (Philippi, 1849)

Unassigned to Order

Family Cerithiidae Fleming, 1822

Genus *Cerithium* Bruguière, 1789

276. *Cerithium atratum* (Born, 1778)
277. *Cerithium eburneum* Bruguière, 1792
278. *Cerithium litteratum* (Born, 1778)
279. *Cerithium* sp.1
280. *Cerithium* sp.2

Family Litiopidae P. Fischer & Crosse, 1891

281. *Alaba incerta* (d'Orbigny, 1841)

Unassigned to Order

Family Hipponicidae Troschel, 1861

Genus *Hipponix* DeFrance, 1819

282. *Hipponix antiquatus* (Linnaeus, 1767)
283. *Hipponix* sp.

Family Cerithiopsidae H. Adams & A. Adams, 1853

Genus *Cerithiopsis* Forbes & Hanley, 1850

284. *Cerithiopsis flava* (C. B. Adams, 1850)
285. *Cerithiopsis* sp. 1
286. *Cerithiopsis* sp. 2
287. *Cerithiopsis* sp. 3
288. *Cerithiopsis* sp. 4
289. *Cerithiopsis* sp. 5
290. *Cerithiopsis* sp. 6
291. *Cerithiopsis* sp. 7
292. *Cerithiopsis* sp. 8
293. *Cerithiopsis* sp. 9

Family Triphoridae Gray, 1847

Genus *Marshallora* Bouchet, 1985

294. *Marshallora* sp.

Genus *Monophorus* Grillo, 1877

295. *Monophorus olivaceus* (Dall, 1889)

Genus *Triphora* Blainville, 1828

296. *Triphora* sp.

Unassigned to Order

Family Barleeiidae Gray, 1857

Genus *Barleeia* W. Clark, 1853

297. *Barleeia mexicana* Rolán & Cruz-Abrego, 1998

Family Anabathridae Keen, 1971

Genus *Amphithalamus* Carpenter, 1864

298. *Amphithalamus vallei* Aguayo & Jaume, 1947

Family Caecidae Gray, 1850

Genus *Caecum* J. Fleming, 1813

299. *Caecum circumvolutum* de Folin, 1867
300. *Caecum pulchellum* Stimpson, 1851

- Genus *Meioceras* Carpenter, 1859
301. *Meioceras nitidum* (Stimpson, 1851)
Family Rissoidae Gray, 1847
Genus *Alvania* Risso, 1826
302. *Alvania auberiana* (d'Orbigny, 1842)
Genus *Simulameralina* Ponder, 1985
303. *Simulameralina caribaea* (d'Orbigny, 1842)
Family Zebinidae Coan, 1964
Genus *Schwartziella* G. Nevill, 1881
304. *Schwartziella* sp.
Family Rissoinidae Stimpson, 1865
Genus *Zebinella* Mörch, 1876
305. *Zebinella decussata* (Montagu, 1803)
Family Tornidae Sacco, 1896 (1884)
306. *Parviturboides interruptus* (C. B. Adams, 1850)
Family Eulimidae Philippi, 1853
Genus *Hemiliostraca* Pilsbry, 1917
307. *Hemiliostraca auricineta* (Abbott, 1958)
Genus *Melanella* Bowdich, 1822
308. *Melanella eulimoides* (C. B. Adams, 1850)
Genus *Nanobalcis* Warén & Mifsud, 1990
309. *Nanobalcis worsfoldi* Warén, 1990
Genus *Vitreolina* Monterosato, 1884
310. *Vitreolina* sp.

Unassigned to Order

- Family Cymatiidae Iredale, 1913
311. Cymatiidae sp.
Genus *Monoplex* Perry, 1810
312. *Monoplex pilearis* (Linnaeus, 1758)
Family Velutinidae Gray, 1840
Genus *Lamellaria* Montagu, 1816
313. *Lamellaria* sp.

Order Neogastropoda Wenz, 1938

- Family Cystiscidae Stimpson, 1865
Genus *Gibberula* Swainson, 1840
314. *Gibberula* sp.
Family Columbelloidea Swainson, 1840
315. *Columbellidae* sp.
Genus *Columbella* Lamarck, 1799
316. *Columbella mercatoria* (Linnaeus, 1758)
Genus *Nitidella* Swainson, 1840
317. *Nitidella nitida* (Lamarck, 1822)
Genus *Cosmioconcha* Dall, 1913
318. *Cosmioconcha nitens* (C. B. Adams, 1850)
Genus *Costoanachis* Sacco, 1890
319. *Costoanachis sparsa* (Reeve, 1859)
Genus *Steironepion* Pilsbry & H. N. Lowe, 1932

320. *Steironepion moniliferum* (G. B. Sowerby I, 1844)
 Family Marginellidae Fleming, 1828
 Genus *Volvarina* Hinds, 1844
321. *Volvarina albolineata* (d'Orbigny, 1842)
 Family Nassariidae Iredale, 1916
 Genus *Phrontis* H. Adams & A. Adams, 1853
322. *Phrontis alba* (Say, 1826)
 Family Pisaniidae Gray, 1857
 Genus *Ameranna* Landau & Vermeij, 2012
323. *Ameranna milleri* (Nowell-Usticke, 1959)
 Genus *Gemophos* Olsson & Harbison, 1953
324. *Gemophos tinctus* (Co ad, 1846)
 Family Costellariidae MacDonald, 1860
 Genus *Atlantilux* S.-I Huang, 2015
325. *Atlantilux gemmata* (G. B. Sowerby II, 1874)
 Genus *Vexillum* Röding, 1798
326. *Vexillum* sp.1
 327. *Vexillum* sp.2
 328. *Vexillum* sp.3
 Family Mangeliidae P. Fischer, 18830
329. *Rubellatoma* cf. *rubella* (Kurtz & Stimpson, 1851)
 Family Pseudomelatomidae Morrison, 1966
 Genus *Pilsbryspira* Bartsch, 1950
330. *Pilsbryspira albocincta* (C. B. Adams, 1845)
 331. *Pilsbryspira nodata* (C. B. Adams, 1850)
 332. *Pilsbryspira* sp.
 Family Rissoellidae Gray, 1850
 Genus *Rissoella* Gray, 1847
333. *Rissoella galba* R. Robertson, 1961
- Order Pleurobranchida Gray, 1827**
 Family Pleurobranchidae Gray, 1827
 Genus *Berthella* Blainville, 1824
334. *Berthella* cf. *vialactea* Ghanimi, Schrödl, Goddard,
 Ballesteros, Gosliner & Valdés, 2020
- Order Nudibranchia Cuvier, 1814**
 Family Facelinidae Bergh, 1889
 Genus *Phidiana* Gray, 1850
335. *Phidiana lynceus* Bergh, 1867
 Family Discodorididae Bergh, 1891
 Genus *Jorunna* Bergh, 1876
336. *Jorunna* cf. *spazzola* (Er. Marcus, 1955)
 Genus *Discodoris* Bergh, 1877
337. *Discodoris* cf. *branneri* MacFarland, 1909
 Family Chromodorididae Bergh, 1891
 Genus *Felimare* Ev. Marcus & Er. Marcus, 1967
338. *Felimare bayeri* Ev. Marcus & Er. Marcus, 1967
 339. *Felimare ruthae* (Ev. Marcus & Hughes, 1974)

Order Cephalaspidea P. Fischer, 1883

Family Tornatinidae P. Fischer, 1883

Genus *Acteocina* Gray, 1847

340. *Acteocina* cf. *liratispira* (E. A. Smith, 1872)

Family Haminoeidae Pilsbry, 1895

Genus *Haminoea* Turton & Kingston, 1830

341. *Haminoea* sp.

Order Aplysiida [Not documented]

Family Aplysiidae Lamarck, 1809

Genus *Stylocheilus* Gould, 1852

342. *Stylocheilus striatus* (Quoy & Gaimard, 1832)

Unassigned to Order

Family Pyramidellidae Gray, 1840

Genus *Eulimastoma* Bartsch, 1916

343. *Eulimastoma* cf. *didymum*

Genus *Odostomia* J. Fleming, 1813

344. *Odostomia* sp.

Genus *Sayella* Dall, 1885

345. *Sayella* sp.

Genus *Turbonilla* Risso, 1826

346. *Turbonilla* cf. *compsa* Bush, 1899

347. *Turbonilla* sp.

Unassigned to Order

Family Plakobranchidae Gray, 1840

Genus *Elysia* Risso, 1818

348. *Elysia flava* Verrill, 1901

349. *Elysia velutinus* Pruvot-Fol, 1947

Class Cephalopoda Cuvier, 1795

Order Octopoda Leach, 1818

Family Octopodidae d'Orbigny, 1840

Genus *Octopus* Cuvier, 1797

350. *Octopus briareus* Robson, 1929

Phylum Platyhelminthes Minot, 1876

Subphylum Rhabditophora Ehlers, 1985

Order Polycladida Lang, 1884

Suborder Cotylea Lang, 1884

Family Euryleptidae Lang, 1884

Genus *Cycloporus* Lang, 1884

351. *Cycloporus variegatus* Kato, 1934

Genus *Eurylepta* Ehrenberg, 1831

352. *Eurylepta* sp.

Family Diposthidae Woodworth, 1898

Genus *Pericelis* Laidlaw, 1902

353. *Pericelis cata* Marcus & Marcus, 1968
 Family Prosthlostomidae Lang, 1884
 354. *Prosthlostomidae* sp.
 Family Pseudocerotidae Lang, 1884
 Genus *Pseudobiceros* Faubel, 1984
 355. *Pseudobiceros pardalis* (Verrill, 1900)
 Genus *Pseudoceros* Lang, 1884
 356. *Pseudoceros bicolor* Verrill, 1902
 Genus *Thysanozoon* Grube, 1840
 357. *Thysanozoon brocchii* (Risso, 1818)

Phylum Porifera

Class Demospongiae Sollas, 1885

Subclass Keratosa Grant, 1861

Order Dendroceratida Minchin, 1900

Family Darwinellidae Merejkowsky, 1879

Genus *Aplysilla* Schulze, 1878

358. *Aplysilla rosea* (Barrois, 1876)

Genus *Chelonaplysilla* Laubenfels, 1948

359. *Chelonaplysilla* sp.

Order Dictyoceratida Minchin, 1900

Family Dysideidae Gray, 1867

Genus *Dysidea* Johnston, 1842

360. *Dysidea janiae* (Duchassaing & Michelotti, 1864)

361. *Dysidea* sp.

Family Irciniidae Gray, 1867

Genus *Ircinia* Nardo, 1833

362. *Ircinia* sp.

Subclass Heteroscleromorpha Cárdenas, Pérez & Boury-Esnault, 2012

Order Haplosclerida Topsent, 1928

Family Chalinidae Gray, 1867

Genus *Chalinula* Schmidt, 1868

363. *Chalinula* sp.

Genus *Haliclona* Grant, 1841

364. *Haliclona* sp.

Order Poecilosclerida Topsent, 1928

Family Tedaniidae Ridley & Dendy, 1886

Genus *Tedania* Gray, 1867

Subgenus *Tedania* (*Tedania*) Gray, 1867

365. *Tedania* (*Tedania*) *ignis* (Duchassaing & Michelotti, 1864)

Subclass Verongimorpha Erpenbeck, Sutcliffe, De Cook, Dietzel, Maldonado, van Soest, Hooper & Wörheide, 2012

Order Verongiida Bergquist, 1978

Family Aplysinellidae Bergquist, 1980

Genus *Suberea* Bergquist, 1995

366. *Suberea* sp.

Order Poecilosclerida Topsent, 1928

Family Microcionidae Carter, 1875

Subfamily Microcioninae Carter, 1875

Genus *Clathria* Schmidt, 1862

367. *Clathria (Microciona) calla* (de Laubenfels, 1934)

368. *Clathria (Microciona)* sp.

Order Scopalina Morrow & Cárdenas, 2015

Family Scopalinidae Morrow, Picton, Erpenbeck, Boury-Esnault,
Maggs & Allcock, 2012

Genus *Scopalina* Schmidt, 1862

369. *Scopalina ruetzleri* (Wiedenmayer, 1977)

Class Homoscleromorpha Bergquist, 1978

Order Homosclerophorida Lendenfeld, 1887

Family Oscarellidae Lendenfeld, 1887

Genus *Oscarella* Vosmaer, 1884

370. *Oscarella* sp.