

FAUNA OF INDIA CHECKLIST

JULY, 2024

ONLINE VERSION 1.0



ECHINODERMATA

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DOI : <https://doi.org/10.26515/Fauna/1/2023/Echinodermata>

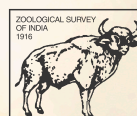
Keywords: Echinodermata, Crinoidea, Asteroidea, Ophiuroidea, Echinoidea, Holothuroidea

Citation: Surendar, C. and Marimuthu, N. (2024). Fauna of India Checklist: Echinodermata. Version 1.0. Zoological Survey India. DOI: <https://doi.org/10.26515/Fauna/1/2023/Echinodermata>

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ZOOLOGICAL SURVEY OF INDIA
Ministry of Environment, Forest & Climate Change

ECHINODERMATA

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Introduction: Echinoderms are highly diverse, successful, and ancient phylum in the animal kingdom. They are exclusively marine habited, Deuterostomic, Triploblastic, Enterocoelous coelomate creatures. The phylum has its unique characters, the water vascular system includes tube feet present in different forms and function in different classes of the phylum. Adults are superficially pentaradial symmetry, but juveniles are bilateral symmetry, so their development is indirect. They inhabit from intertidal to abyssal depth in all seas and all latitudes (Hyman, 1955). The living echinoderms are classified into five classes viz., Class Crinoidea or feather star, class Asteroidea or sea star, Class Ophiuroidea or brittle star, Class Echinoidea known as sea urchin and sand dollar finally class Holothuroidea or seacucumber. The phylum comprises of endoskeleton made of calcite which covered by single layer of cells called epidermis except holothurians. They show different mode of feeding habits like predator, detritivores and filter feeder. In feeding asteroids shows evisceration like sea anemone to intake the prey. Holothurians shows evisceration when face the threats. Sexes are separate even though some ophiuroids and holothuroids shows hermaphroditisms.

Global diversity: This phylum shows extensive numbers of the extinct and fossilised species of around 13000 but living echinoderms account around 7000 species reported globally from all five classes.

Diversity in India: Echinoderms are reported from intertidal to deep sea waters of India and a total of 743 species reported from all Five classes.

Diversity in States: As echinoderm are restricted to marine waters, it only reported from States and Union Territories sharing coastal areas. Hence, Indian echinoderms from only 09 States and 04 Union Territories reported as given below.

S. No.	State/ Union Territory	No. of Species
1	Andhra Pradesh	77
2	Gujarat	41
3	Goa	12
4	Karnataka	22
5	Kerala	73
6	Maharashtra	20
7	Odisha	48
8	Tamil Nadu	205
9	West Bengal	23
10	Andaman & Nicobar	448
11	Dadra Nagar Haveli, Daman & Diu	2
12	Lakshadweep	157
13	Puducherry	7

Endemism: In the point of view of endemism of marine animals, it is not possible due to coast areas of the states and beyond its jurisdiction. And good numbers of echinoderms species reported from deeper waters and the localities were reported by the name of major waters such as Bay of Bengal, Indian Ocean, etc. Even though Indian waters contain considerable number of echinoderms as more as 99 species in which more holothurian reported from deeper waters especially during British era.

Habitat: Echinoderms spread from intertidal to abyssal dept in all sea and all latitudes. Due to its poor osmoregulation nature, it is restricted to marine water alone. In India it is reported from all four major reef areas as well as all south and west coastal areas.

Ecological Significance: Echinoderms play important role in many ecosystems as key stone species. Sea cucumber referred as earth worm of sea floor which facilitates the oxygen mixing in seabed while a sea star, *Acanthaster planci* (Linnaeus, 1758) devour the coral polyps. In kelp forest ecosystem seurchin devour the kelp algae. As a grazer, seurchin slightly maintain the balance of coral and algae competition in reef ecosystem.

Human Significance: Some holothurians (seacucumbers) species have good economic value as processed food and exported all around the world known as beche-de-mer but in Indian it is protected under WPA 1972. Gonads of seurchins have food value and seurchin used in many immunological experimental studies also.

Threatened species: The following 72 species under the class, Holothuroidea from India are assessed for IUCN threatened categories.

Table 1. List of Indian Echinoderms in IUCN Red List Category

Sl. No.	Species	IUCN Category
	Class: Holothuroidea	
	Order: Holothuriida	
	Family: Holothuriidae	
1.	<i>Actinopyga echinites</i> (Jaeger, 1833)	VU
2.	<i>Actinopyga lecanora</i> (Jaeger, 1833)	DD
3.	<i>Actinopyga mauritiana</i> (Quoy & Gaimard, 1834)	VU
4.	<i>Actinopyga miliaris</i> (Quoy & Gaimard, 1834)	VU
5.	<i>Bohadschia argus</i> Jaeger, 1833	LC
6.	<i>Bohadschia atra</i> Massin, Rasolofonirina, Conand & Samyn, 1999	DD
7.	<i>Bohadschia marmorata</i> Jaeger, 1833	DD
8.	<i>Bohadschia vitiensis</i> (Semper, 1868)	DD
9.	<i>Holothuria (Acanthotrapeza) coluber</i> Semper, 1868	LC
10.	<i>Holothuria (Acanthotrapeza) pyxis</i> Selenka, 1867	DD
11.	<i>Holothuria (Cystipus) inhabilis</i> Selenka, 1867	LC
12.	<i>Holothuria (Cystipus) rigida</i> Selenka, 1867	LC
13.	<i>Holothuria (Halodeima) atra</i> Jaeger, 1833	LC
14.	<i>Holothuria (Halodeima) edulis</i> Lesson, 1830	LC
15.	<i>Holothuria (Lessonothuria) lineata</i> Ludwig, 1875	DD
16.	<i>Holothuria (Lessonothuria) pardalis</i> Selenka, 1867	LC
17.	<i>Holothuria (Mertensiothuria) hilla</i> Lesson, 1830	LC
18.	<i>Holothuria (Mertensiothuria) leucospilota</i> (Brandt, 1835)	LC
19.	<i>Holothuria (Metriatyla) scabra</i> Jaeger, 1833	EN
20.	<i>Holothuria (Microthele) fuscogilva</i> Cherbonnier, 1980	VU

Sl. No.	Species	IUCN Category
21.	<i>Holothuria (Microthele) nobilis</i> (Selenka, 1867)	EN
22.	<i>Holothuria (Platyperona) difficilis</i> Semper, 1868	LC
23.	<i>Holothuria (Selenkothuria) erinacea</i> Semper, 1868	LC
24.	<i>Holothuria (Selenkothuria) glaberrima</i> Selenka, 1867	LC
25.	<i>Holothuria (Selenkothuria) lubrica</i> Selenka, 1867	LC
26.	<i>Holothuria (Selenkothuria) moebii</i> (Brandt, 1883)	LC
27.	<i>Holothuria (Semperothuria) cinerascens</i> (Brandt, 1835)	LC
28.	<i>Holothuria (Stauropora) fuscocinerea</i> Jaeger, 1833	LC
29.	<i>Holothuria (Stauropora) modesta</i> Ludwig, 1875	DD
30.	<i>Holothuria (Stauropora) pervicax</i> Selenka, 1867	LC
31.	<i>Holothuria (Theelothuria) cadelli</i> Bell, 1887	DD
32.	<i>Holothuria (Theelothuria) spinifera</i> Théel, 1886	DD
33.	<i>Holothuria (Thymiosycia) arenicola</i> Semper, 1868	DD
34.	<i>Holothuria (Thymiosycia) gracilis</i> Semper 1868	DD
35.	<i>Holothuria (Thymiosycia) impatiens</i> (Forskål, 1775)	DD
36.	<i>Holothuria (Thymiosycia) remollescens</i> Lampert, 1885	DD
37.	<i>Holothuria (Vaneyothuria) integra</i> Koehler & Vaney, 1908	DD
38.	<i>Labidodemas rugosum</i> (Ludwig, 1875)	LC
39.	<i>Labidodemas semperianum</i> Selenka, 1867	LC
40.	<i>Pearsonothuria graeffei</i> (Semper, 1868)	LC
	Family: Mesothuriidae	
41.	<i>Mesothuria abbreviata</i> Koehler & Vaney, 1905	DD
42.	<i>Mesothuria incerta</i> Koehler & Vaney, 1905	DD
43.	<i>Mesothuria multipes</i> Ludwig, 1893	LC
44.	<i>Mesothuria squamosa</i> Koehler & Vaney, 1905	DD
	Order: Persiculida	
	Family: Pseudostichopodidae	
45.	<i>Pseudostichopus elegans</i> (Koehler & Vaney, 1905)	LC
46.	<i>Pseudostichopus occultatus</i> Marenzeller von, 1893	DD
47.	<i>Pseudostichopus peripatus</i> (Sluiter, 1901)	DD
	Order: Synallactida	
	Family: Stichopodidae	
48.	<i>Apostichopus japonicus</i> (Selenka, 1867)	EN
49.	<i>Stichopus chloronotus</i> Brandt, 1835	LC
50.	<i>Stichopus herrmanni</i> Semper, 1868	VU
51.	<i>Stichopus horrens</i> Selenka, 1867	DD
52.	<i>Stichopus vastus</i> Sluiter, 1887	LC
53.	<i>Thelenota ananas</i> (Jaeger, 1833)	EN
54.	<i>Allopatides dendroides</i> Koehler & Vaney, 1905	DD
	Family: Synallactidae	
55.	<i>Amphigymnas woodmasoni</i> (Walsh, 1891)	DD
56.	<i>Bathyplores cinctus</i> Koehler & Vaney, 1910	DD
57.	<i>Bathyplores crenulatus</i> Koehler & Vaney, 1905	DD
58.	<i>Bathyplores natans</i> (M. Sars, 1868)	LC
59.	<i>Bathyplores pellucidus</i> (Koehler & Vaney, 1905)	DD
60.	<i>Benthothuria cristata</i> Koehler & Vaney, 1905	LC
61.	<i>Benthothuria distorta</i> Koehler & Vaney, 1905	DD

Sl. No.	Species	IUCN Category
62.	<i>Paelopatides dissidens</i> Koehler & Vaney, 1910	DD
63.	<i>Paelopatides gelatinosus</i> (Walsh, 1891)	DD
64.	<i>Paelopatides insignis</i> Koehler & Vaney, 1905	DD
65.	<i>Paelopatides magna</i> (Koehler & Vaney, 1905)	DD
66.	<i>Paelopatides mammillatus</i> Koehler & Vaney, 1905	LC
67.	<i>Paelopatides modestus</i> Koehler & Vaney, 1905	DD
68.	<i>Paelopatides mollis</i> Koehler & Vaney, 1905	DD
69.	<i>Paelopatides ovalis</i> (Walsh, 1891)	DD
70.	<i>Paelopatides verrucosus</i> Koehler & Vaney, 1905	DD
71.	<i>Synallactes horridus</i> Koehler & Vaney, 1905	LC
72.	<i>Synallactes rigidus</i> Koehler & Vaney, 1905	DD

Protected Species as per WPA: As Government of India protects all the species of secucumbers, holothurians under schedule I, WPA 1972, due its extreme exploitation for beche-de-mer industry and also considered the ecological role of seacucumber in sea flooring. It is considered as a scavenger in coral reef ecosystems which ultimately helps the fauna perpetuate further on coral reef habitat.

Species under CITES: There are two Indian Holothuroidea are listed under Appendices II of CITES. They are *Holothuria (Microthele) fuscogilva* Cherbonnier, 1980 and *Holothuria (Microthele) nobilis* (Selenka, 1867).

Invasive alien species: No echinoderm species are reported from India as an invasive.

Gap areas: Very scattered works on Indian echinoderms in this current situation due to lack of taxonomist. Other studies such as molecular and phylogeny studies are not taken much. Sastry (2007) published an annotated list of Indian echinoderms but after that no proper physical validated report is produced so far. Taxonomy of Indian echinoderms need proper review and revisionary work as many works are scattered, publishing taxonomical distribution reports in non-peer revived journals and mere updating species through internet without proper physical validation and compilation studies are not desirable.

Checklist of Indian Echinoderms

Checklist of Indian Echinoderms (as on 29.09.2023)

Phylum: Echinodermata Klein, 1778

Class: Asteroidea de Blainville, 1830

Order: Brisingida Fisher, 1928

Family: Brisingidae G.O. Sars, 1875

Genus: *Brisinga* Asbjørnsen, 1856

1. *Brisinga andamanica* Wood-Mason & Alcock, 1891
2. *Brisinga bengalensis* Wood-Mason & Alcock, 1891
3. *Brisinga gunnii* Alcock, 1893
4. *Brisinga insularum* Wood-Mason & Alcock, 1891

Genus: *Stegnobrisinga* Fisher, 1916

5. *Stegnobrisinga gracilis* (Koehler, 1909)

Family: Freyellidae Downey, 1986

Genus: *Freyastera* Downey, 1986

6. *Freyastera benthophila* (Sladen, 1889)
 7. *Freyastera tuberculata* (Sladen, 1889)
Genus: *Freyella* Perrier, 1885
 8. *Freyella indica* Koehler, 1909
Order: Forcipulatida Blake, 1987
Family: Asteroidea Gray, 1840
Genus: *Sclerasterias* Perrier, 1891
 9. *Sclerasterias mazophora* (Wood-Mason & Alcock, 1891)
Family: Pedicellasteridae Perrier, 1884
Genus: *Pedicellaster* M. Sars, 1861
 10. *Pedicellaster atratus* Alcock, 1893
Family: Zoroasteridae Sladen, 1889
Genus: *Cnemidaster* Sladen, 1889
 11. *Cnemidaster gilesi* (Alcock, 1893)
 12. *Cnemidaster squameus* (Alcock, 1893)
 13. *Cnemidaster zea* (Alcock, 1893)
Genus: *Zoroaster* Wyville Thomson, 1873
 14. *Zoroaster adami* Koehler, 1909
 15. *Zoroaster alfredi* Alcock, 1893
 16. *Zoroaster angulatus* Alcock, 1893
 17. *Zoroaster barathri* Alcock, 1893
 18. *Zoroaster carinatus* Alcock, 1893
 19. *Zoroaster planus* Alcock, 1893
Order: Paxillosida Perrier, 1884
Family: Astropectinidae Gray, 1840
Genus: *Astropecten* Gray, 1840
 20. *Astropecten bengalensis* Döderlein, 1917
 21. *Astropecten euryacanthus* Lutken, 1871
 22. *Astropecten griegi* Koehler, 1909
 23. *Astropecten hemprichi* Müller & Troschel, 1842
 24. *Astropecten indicus* Döderlein, 1888 Koehler (1910)
 25. *Astropecten inutilis* Koehler, 1910
 26. *Astropecten mauritanus* Gray, 1840
 27. *Astropecten monacanthus* Sladen, 1883
 28. *Astropecten petalodea* (Bruzellius, 1805)
 29. *Astropecten polyacanthus* Müller & Troschel, 1842
 30. *Astropecten tamilicus* Döderlein, 1888
 31. *Astropecten vappa* Müllehr & Troschel, 1843
 32. *Astropecten velitaris* von Martens, 1865
Genus: *Craspidaster* Sladen, 1889
 33. *Craspidaster hesperus* (Müller & Troschel, 1840)
 34. *Craspidaster hesperus glauconotus* Bedford, 1900
Genus: *Dipsacaster* Alcock, 1893
 35. *Dipsacaster pentagonalis* Alcock, 1893
 36. *Dipsacaster sladeni* Alcock, 1893
Genus: *Dytaster* Sladen, 1889
 37. *Dytaster insignis* (Perrier, 1884)
Genus: *Persephonaster* Wood-Mason & Alcock, 1891
 38. *Persephonaster coelochilus* Alcock, 1893
 39. *Persephonaster croceus* Wood-Mason & Alcock, 1891
 40. *Persephonaster gracilis* (Sladen, 1889)
 41. *Persephonaster rhodopeplus* Wood-Mason & Alcock, 1891

42. *Persephonaster roulei* Koehler, 1909
Genus: *Psilaster* agassizi (Koehler, 1909)
43. *Psilaster agassizi* (Koehler, 1909)
Family: Benthoplectinidae Verrill, 1899
Genus: *Benthopecten* Verrill, 1884
44. *Benthopecten huddlestonii* (Alcock, 1893)
 45. *Benthopecten indicus* (Koehler, 1909)
 46. *Benthopecten semisquamatus* (Sladen, 1889)
 47. *Benthopecten violaceus* (Alcock, 1893)
Genus: *Cheiraster* Studer, 1883
48. *Cheiraster (Cheiraster) pilosus* (Alcock, 1893)
 49. *Cheiraster (Cheiraster) snyderi* Fisher, 1906
 50. *Cheiraster cribellum* (Alcock, 1893)
Genus: *Pectinaster* Perrier, 1885
51. *Pectinaster mimicus* (Sladen, 1889)
Family: Gonioplectinidae Verrill, 1889
Genus: *Goniopecten* Perrier, 1881
52. *Goniopecten* sp.
Family: Luidiidae Sladen, 1889
Genus: *Luidia* Forbes, 1839
53. *Luidia denudata* Koehler, 1910
 54. *Luidia hardwicki* (Gray, 1840)
 55. *Luidia integra* Koehler, 1910
 56. *Luidia maculata* Müller & Troschel, 1842
 57. *Luidia quinaria* von Martens, 1865
 58. *Luidia savignyi* (Audouin, 1826)
Family: Porcellanasteridae Sladen, 1883
Genus: *Abyssaster* Madsen, 1961
59. *Abyssaster tara* (Wood-Mason & Alcock, 1891)
Genus: *Porcellanaster* Wyville Thomson, 1878
60. *Porcellanaster ceruleus* Wyville Thomson, 1877
Genus: *Sidonaster* Koehler, 1909
61. *Sidonaster vaneyi* Koehler, 1909
Genus: *Styracaster* Sladen, 1883
62. *Styracaster armatus* Sladen, 1883
 63. *Styracaster caroli* Ludwig, 1907
 64. *Styracaster clavipes* Wood-Mason & Alcock, 1891
 65. *Styracaster horridus* Sladen, 1883
Family: Pseudarchasteridae Sladen, 1889
Genus: *Paragonaster* Sladen, 1889
66. *Paragonaster ctenipes* Sladen, 1889
 67. *Paragonaster tenuiradiis* Alcock, 1893
Genus: *Pseudarchaster* Sladen, 1889
68. *Pseudarchaster jordani* Fisher, 1906
 69. *Pseudarchaster mozaicus* Wood-Mason & Alcock, 1891
 70. *Pseudarchaster roseus* (Alcock, 1893)
Order: Spinulosida Perrier, 1884
Family: Echinasteridae Verrill, 1867
Genus: *Dictyaster* Wood-Mason & Alcock, 1891
71. *Dictyaster xenophilus* Wood-Mason & Alcock, 1891
Genus: *Echinaster* Müller & Troschel, 1840
72. *Echinaster callosus* Marenzeller, 1895

73. *Echinaster luzonicus* (Gray, 1840)
 74. *Echinaster purpureus* (Gray, 1840)
 75. *Echinaster superbus* H.L. Clark, 1916
Genus: *Henricia* Gray, 1840
 76. *Henricia mutans* (Koehler, 1909)
 77. *Henricia praestans* (Sladen, 1889)
Genus: *Metrodira* Gray, 1840
 78. *Metrodira subulata* Gray, 1840
Order: Valvatida Perrier, 1884
Family: Acanthasteridae
Genus: *Acanthaster* Gervais, 1841
 79. *Acanthaster planci* (Linnaeus, 1758)
Family: Archasteridae Viguiet, 1879
Genus: *Archaster* Müller & Troschel, 1840
 80. *Archaster angulatus* Müller & Troschel, 1842
 81. *Archaster typicus* Müller & Troschel, 1840
Family: Asterinidae Gray, 1840
Genus: *Anseropoda* Nardo, 1834
 82. *Anseropoda ludovici* (Koehler, 1909)
 83. *Anseropoda pellucida* (Alcock, 1893)
 84. *Anseropoda rosacea* (Lamarck, 1816)
Genus: *Aquilonastra* O'Loughlin in O'Loughlin & Waters, 2004
 85. *Aquilonastra burtoni* (Gray, 1840)
 86. *Aquilonastra cepheus* (Müller & Troschel, 1842)
 87. *Aquilonastra coronata* (von Martens, 1866)
Genus: *Asterina* Nardo, 1834
 88. *Asterina lorioli* Koehler, 1910
Genus: *Cryptasterina* Dartnall, Byrne, Collins & Hart, 2003
 89. *Cryptasterina pentagona* (Müller & Troschel, 1842)
Genus: *Disasterina* Perrier, 1875
 90. *Disasterina ceylanica* Döderlein, 1888
 91. *Disasterina spinosa* Koehler, 1910
Genus: *Indianastra* O'Loughlin in O'Loughlin & Waters, 2004
 92. *Indianastra sarasini* (deLoriol, 1897)
Genus: *Paranepanthia* Fisher, 1917
 93. *Paranepanthia brachiata* (Koehler, 1910)
Genus: *Parvulastra* O'Loughlin in O'Loughlin & Waters, 2004
 94. *Parvulastra exigua* (Lamarck, 1816)
Genus: *Tegulaster* Livingstone, 1933
 95. *Tegulaster emburyi* Livingstone, 1933
 96. *Tegulaster leptalacantha* (H.L. Clark, 1916)
 97. *Tegulaster praesignis* (Livingstone, 1933)
Family: Asterodiscididae Rowe, 1977
Genus: *Asterodiscides* A. M. Clark, 1974
 98. *Asterodiscides elegans* (Gray, 1847)
Family: Asteropseidae Hotchkiss & Clark, 1976
Genus: *Asteropsis* Müller & Troschel, 1840
 99. *Asteropsis carinifera* (Lamarck, 1816)
Genus: *Valvaster* Perrier, 1875
 100. *Valvaster striatus* (Lamarck, 1816)
Family: Chaetasteridae Sladen, 1889
Genus: *Chaetaster* Müller & Troschel, 1840

101. *Chaetaster vestitus* Koehler, 1910
Family: Goniasteridae Forbes, 1841
Genus: Anthenoides Perrier, 1881
102. *Anthenoides cristatus* (Sladen, 1889)
Genus: Astroceramus Fisher, 1906
103. *Astroceramus fisheri* Koehler, 1909
Genus: Calliaster Gray, 1840
104. *Calliaster childreni* Gray, 1840
 105. *Calliaster mamillifer* Alcock, 1893
Genus: Circeaster Koehler, 1909
106. *Circeaster magdalenae* Koehler, 1909
 107. *Circeaster marcelli* Koehler, 1909
Genus: Fromia Gray, 1840
108. *Fromia armata* Koehler, 1910
 109. *Fromia indica* (Perrier, 1869)
 110. *Fromia milleporella* (Lamarck, 1816)
 111. *Fromia monilis* (Perrier, 1869)
 112. *Fromia nodosa* A.M. Clark, 1967
 113. *Fromia pacifica* H. L. Clark, 1921
Genus: Goniodiscaster H.L. Clark, 1909
114. *Goniodiscaster forficulatus* (Perrier, 1875)
 115. *Goniodiscaster granuliferus* (Gray, 1847)
 116. *Goniodiscaster porosus* (Koehler, 1910)
 117. *Goniodiscaster scaber* (Moebius, 1859)
 118. *Goniodiscaster valleii* (Koehler, 1910)
Genus: Johannaster Koehler, 1909
119. *Johannaster superbus* Koehler, 1909
Genus: Lithosoma Fisher, 1911
120. *Lithosoma pentaphylla* (Alcock, 1893)
Genus: Litonotaster Verrill, 1899
121. *Litonotaster intermedius* (Perrier, 1884)
Genus: Mediaster Stimpson, 1857
122. *Mediaster arcuatus* (Sladen, 1889)
Genus: Milteliphaster Alcock, 1893
123. *Milteliphaster woodmasoni* Alcock, 1893
Genus: Neoferdina Livingstone, 1931
124. *Neoferdina offreti* (Koehler, 1910)
Genus: Nymphaster Sladen, 1889
125. *Nymphaster arenatus* (Perrier, 1881)
 126. *Nymphaster moebii* (Studer, 1884)
 127. *Nymphaster nora* Alcock, 1893
Genus: Ogmaster von Martens, 1865
128. *Ogmaster capella* (Müller & Troschel, 1842)
Genus: Paraferdina James, 1973
129. *Paraferdina laccadivensis* James, 1973
Genus: Pentagonaster Gray, 1840
130. *Pentagonaster sp.*
Genus: Pillsburiaster Halpern, 1970
131. *Pillsburiaster cuenoti* (Koehler, 1909)
 132. *Pillsburiaster döderleini* (Koehler, 1910)
 133. *Pillsburiaster investigatoris* (Alcock, 1893)
Genus: Pseudoceramaster Jangoux, 1981

134. *Pseudoceramaster pulvinus* (Alcock, 1893)
Genus: *Rosaster* Perrier, 1894
 135. *Rosaster confinis* (Koehler, 1910)
 136. *Rosaster florifer* (Alcock, 1893)
Genus: *Siraster* H.L. Clark, 1915
 137. *Siraster tuberculatus* H.L. Clark, 1915
Genus: *Stellaster* Gray, 1840
 138. *Stellaster childreni* Gray, 1840
Family: Ophidiasteridae Verrill, 1870
Genus: *Andora* A.M. Clark, 1967
 139. *Andora (Andora) faouzii* (Macan, 1938)
Genus: *Certonardoa* H.L. Clark, 1921
 140. *Certonardoa semiregularis* (Müller & Troschel, 1842)
Genus: *Cistina* Gray, 1840
 141. *Cistina columbiae* Gray, 1840
Genus: *Dactylosaster* Gray, 1840
 142. *Dactylosaster cylindricus* (Lamarck, 1816)
 143. *Dactylosaster cylindricus cylindricus* (Lamarck, 1816)
Genus: *Gomophia* Gray, 1840
 144. *Gomophia egyptiaca* Gray, 1840
Genus: *Heteronardoa* Hayashi, 1973
 145. *Heteronardoa carinata* (Koehler, 1910)
Genus: *Leiaster* Peters, 1852
 146. *Leiaster glaber* Peters, 1852
 147. *Leiaster leachi* (Gray, 1840)
Genus: *Linckia* Nardo, 1834
 148. *Linckia guildingi* Gray, 1840
 149. *Linckia laevigata* (Linnaeus, 1758)
 150. *Linckia multifora* (Lamarck, 1816)
Genus: *Nardoa* Gray, 1840
 151. *Nardoa frianti* Koehler, 1910
 152. *Nardoa galathea* (Lütken, 1865)
 153. *Nardoa novaecaledoniae* (Perrier, 1875)
 154. *Nardoa tuberculata* Gray, 1840
 155. *Nardoa variolata* (Retzius, 1805)
Genus: *Ophidiaster* L. Agassiz, 1836
 156. *Ophidiaster armatus* Koehler, 1910
 157. *Ophidiaster hemprichi* Müller & Troschel, 1842
Genus: *Tamaria* Gray, 1840
 158. *Tamaria dubiosa* (Koehler, 1910)
 159. *Tamaria fusca* Gray, 1840
 160. *Tamaria hirsuta* (Koehler, 1910)
 161. *Tamaria megaloplax* (Bell, 1884)
Family: Oreasteridae Fisher, 1911
Genus: *Anthenea* Gray, 1840
 162. *Anthenea pentagonula* (Lamarck, 1816)
 163. *Anthenea regalis* Koehler, 1910
 164. *Anthenea rudis* Koehler, 1910
 165. *Anthenea tuberculosa* Gray, 1847
Genus: *Choriaster* Lutken, 1869
 166. *Choriaster granulatus* Lütken, 1869
Genus: *Culcita* Agassiz, 1836
 167. *Culcita novaeguineae* Müller & Troschel, 1842

168. *Culcita schmideliana* (Bruzelius, 1805)
Genus: Halityle Fisher, 1913
 169. *Halityle regularis* Fisher, 1913
Genus: Pentaceraster Döderlein, 1916
 170. *Pentaceraster affinis* (Müller & Troschel, 1842)
 171. *Pentaceraster gracilis* (Lütken, 1871)
 172. *Pentaceraster horridus* (Gray, 1840)
 173. *Pentaceraster mammillatus* (Audouin, 1826)
 174. *Pentaceraster multispinus* (von Martens, 1866)
 175. *Pentaceraster regulus* (Müller & Troschel, 1842)
 176. *Pentaceraster westermanni* (Lutken, 1871)
Genus: Poraster Döderlein, 1916
 177. *Poraster superbus* (Möbius, 1859)
Genus: Protoreaster Döderlein, 1916
 178. *Protoreaster lincki* (Blainville, 1830)
 179. *Protoreaster nodosus* (Linnaeus, 1758)
Order: Velatida Perrier, 1893
Family: Pterasteridae Perrier, 1875
Genus: Euretaster Fisher, 1940
 180. *Euretaster cribrosus* (von Martens, 1867)
Genus: Hymenaster Wyville Thomson, 1873
 181. *Hymenaster alcocki* Koehler, 1909
 182. *Hymenaster nobilis* Wyville Thomson, 1876
Genus: Pteraster Müller & Troschel, 1842
 183. *Pteraster hirsutus* (Sladen, 1882)
Class: Crinoidea Miller, 1821
Order: Comatulida
Family: Antedonidae Norman, 1865
Genus: Andrometra AH Clark, 1917
 184. *Andrometra indica* (AH Clark, 1909)
Genus: Athrypsometra Messing & White, 2001
 185. *Athrypsometra mira* (AH Clark, 1909)
Genus: Dorometra Clark, 1917
 186. *Dorometra nana* (Hartlaub, 1890)
Genus: Euantedon AH Clark, 1912
 187. *Euantedon sp.*
Genus: Fariometra AH Clark, 1917
 188. *Fariometra obscura* (AH Clark, 1909)
Genus: Mastigometra AH Clark, 1908
 189. *Mastigometra micropoda* AH Clark, 1909
Genus: Thaumatometra AH Clark, 1908
 190. *Thaumatometra plana* (AH Clark, 1912)
Family: Bathycrinidae Bather, 1899
Genus: Bathycrinus Thomson, 1872
 191. *Bathycrinus woodmasoni* AH Clark, 1909
Family: Calometridae AH Clark, 1911
Genus: Neometra AH Clark, 1912
 192. *Neometra spinosissima* (AH Clark, 1909)
Family: Charitometridae AH Clark, 1909
Genus: Crinometra AH Clark, 1909
 193. *Crinometra brevipinna* (Pourtalès, 1868)
Genus: Glyptometra AH Clark, 1909

194. *Glyptometra crassa* (AH Clark, 1912)
 195. *Glyptometra invenusta* (AH Clark, 1909)
 196. *Glyptometra macilenta* (AH Clark, 1909)
Family: Colobometridae AH Clark, 1909
Genus: Cenometra AH Clark, 1909
 197. *Cenometra bella* (Hartlaub, 1890)
 198. *Cenometra emendatrix* (Bell, 1892)
Genus: Colobometra AH Clark, 1909
 199. *Colobometra discolor* AH Clark, 1909
 200. *Colobometra perspinosa* (Carpenter, 1881)
Genus: Cotylometra AH Clark, 1916
 201. *Cotylometra gracilicirra* (AH Clark, 1908)
Genus: Decametra AH Clark, 1911
 202. *Decametra brevicirra* (AH Clark, 1912)
 203. *Decametra mylitta* AH Clark, 1912
Genus: Iconometra AH Clark, 1929
 204. *Iconometra intermedia* (AH Clark, 1912)
Genus: Oligometra AH Clark, 1908
 205. *Oligometra serripinna* (Carpenter, 1881)
Genus: Oligometrides AH Clark, 1918
 206. *Oligometrides adeonae* (Lamarck, 1816)
Genus: Pontiometra AH Clark, 1907
 207. *Pontiometra andersoni* (Carpenter, 1889)
Family: Comatulidae Fleming, 1828
Genus: Anneissia Summers, Messing & Rouse, 2014
 208. *Anneissia bennetti* (Müller, 1841)
Genus: Capillaster AH Clark, 1909
 209. *Capillaster mariae* (AH Clark, 1907)
 210. *Capillaster multiradiatus* (Linnaeus, 1758)
Genus: Clarkcomanthus Rowe, Hoggett, Birtles & Vail, 1986
 211. *Clarkcomanthus alternans* (Carpenter, 1881)
Genus: Comanthus AH Clark, 1908
 212. *Comanthus parvicirrus* (Müller, 1841)
 213. *Comanthus wahlbergii* (Müller, 1843)
Genus: Comaster L. Agassiz, 1836
 214. *Comaster multifidus* (Müller, 1841)
 215. *Comaster nobilis* (Carpenter, 1884)
 216. *Comaster schlegelii* (Carpenter, 1881)
Genus: Comatella AH Clark, 1908
 217. *Comatella nigra* (Carpenter, 1888)
 218. *Comatella stelligera* (Carpenter, 1888)
Genus: Comatula Lamarck, 1816
 219. *Comatula (Comatula) micraster* AH Clark, 1909
 220. *Comatula (Comatula) pectinata* (Linnaeus, 1758)
Genus: Phanogenia Lovén, 1866
 221. *Phanogenia distincta* (Carpenter, 1888)
 222. *Phanogenia gracilis* (Hartlaub, 1893)
 223. *Phanogenia multibrachiata* (Carpenter, 1888)
 224. *Phanogenia typica* Lovén, 1866
Family: Eudiocrinidae AH Clark, 1907
Genus: Eudiocrinus Carpenter, 1882
 225. *Eudiocrinus ornatus* AH Clark, 1909
Family: Himerometridae AH Clark, 1907

Genus: *Amphimetra* AH Clark, 1909

226. *Amphimetra molleri* (AH Clark, 1908)
 227. *Amphimetra tessellata* (Müller, 1841)

Genus: *Craspedometra* AH Clark, 1909

228. *Craspedometra acuticirra* (Carpenter, 1882)

Genus: *Heterometra* AH Clark, 1909

229. *Heterometra bengalensis* (Hartlaub, 1890)
 230. *Heterometra compta* AH Clark, 1909
 231. *Heterometra crenulata* (Carpenter, 1882)
 232. *Heterometra flora* (AH Clark, 1913)
 233. *Heterometra philiberti* (Müller, 1849)
 234. *Heterometra quinduplicava* (Carpenter, 1888)
 235. *Heterometra reynaudi* (Müller, 1846)
 236. *Himerometra robustipinna* (Carpenter, 1881)

Family: Mariametridae AH Clark, 1909**Genus: *Dichrometra* AH Clark, 1909**

237. *Dichrometra ciliata* AH Clark, 1912
 238. *Dichrometra palmata* (Müller, 1841)

Genus: *Oxymetra* AH Clark, 1909

239. *Oxymetra finschii* (Hartlaub, 1890)

Genus: *Stephanometra* AH Clark, 1909

240. *Stephanometra indica* (Smith, 1876)
 241. *Stephanometra tenuipinna* (Hartlaub, 1890)

Family: Pentametrocrinidae AH Clark, 1908**Genus: *Pentametrocrinus* AH Clark, 1908**

242. *Pentametrocrinus varians* (Carpenter, 1882)

Genus: *Thaumatocrinus* Carpenter, 1883

243. *Thaumatocrinus investigatoris* AH Clark (in AH Clark & AM Clark, 1967)
 244. *Thaumatocrinus* sp.

Family: Thalassometridae AH Clark, 1908**Genus: *Crotalometra* AH Clark, 1909**

245. *Crotalometra rustica* AH Clark, 1909
 246. *Crotalometra sentifera* AH Clark, 1909

Genus: *Stiremetra* AH Clark, 1909

247. *Stiremetra carinifera* AH Clark, 1912

Genus: *Thalassometra* AH Clark, 1907

248. *Thalassometra gracilis* (Carpenter, 1888)
 249. *Thalassometra marginata* AH Clark, 1912
 250. *Thalassometra peripolos* AH Clark, 1929

Family: Tropiometridae AH Clark, 1908**Genus: *Tropiometra* AH Clark, 1907**

251. *Tropiometra carinata* (Lamarck, 1816)

Family: Zenometridae AH Clark, 1909**Genus: *Sarametra* AH Clark, 1917**

252. *Sarametra triserialis* (AH Clark, 1908)

Family: Zygommetridae AH Clark, 1908**Genus: *Zygommetra* AH Clark, 1907**

253. *Zygommetra andromeda* AH Clark, 1912

Order: Isocrinida Sieverts-Doreck, 1952**Family: Cainocrinidae Simms, 1988****Genus: *Teliocrinus* Döderlein, 1912**

254. *Teliocrinus springeri* (AH Clark, 1909)

Class: Echinoidea Schumacher, 1817

Order: Arbacioida Gregory, 1900**Family: Arbaciidae Gray, 1855****Genus: *Arbacia* Gray, 1835**255. *Arbacia punctulata* (Lamarck, 1816)**Genus: *Coelopleurus* L. Agassiz, 1840**256. *Coelopleurus vittatus* Koehler, 1927**Genus: *Pygmaeocidaris* Döderlein, 1905**257. *Pygmaeocidaris prionigera* (A. Agassiz, 1879)**Order: Aspidodiadematoidea Kroh & Smith, 2010****Family: Aspidodiadematoidea Duncan, 1889****Genus: *Aspidodiadema* A. Agassiz, 1879**258. *Aspidodiadema annulatum* Koehler, 1927259. *Aspidodiadema nicobaricum* Döderlein, 1901**Order: Camarodonta Jackson, 1912****Family: Echinometridae Gray, 1855****Genus: *Colobocentrotus* Brandt, 1835**260. *Colobocentrotus (Podophora) atratus* (Linnaeus, 1758)**Genus: *Echinometra* Gray, 1825**261. *Echinometra lucunter* (Linnaeus, 1758)262. *Echinometra mathaei* (Blainville, 1825)263. *Echinometra mathaei violacea* Michelin, 1845264. *Echinometra oblonga* (Blainville, 1825)**Genus: *Echinostrephus* A. Agassiz, 1863**265. *Echinostrephus molaris* (Blainville, 1825)**Genus: *Heterocentrotus* Brandt, 1835**266. *Heterocentrotus mamillatus* (Linnaeus, 1758)267. *Heterocentrotus trigonarius* (Lamarck, 1816)**Family: Parechinidae Mortensen, 1903****Genus: *Parechinus* Mortensen, 1903**268. *Parechinus angulosus* (Leske, 1778)**Family: Temnopleuridae A. Agassiz, 1872****Genus: *Mespilia* Desor in Agassiz & Desor, 1846**269. *Mespilia globulus* (Linnaeus, 1758)**Genus: *Microcyphus* L. Agassiz in Agassiz & Desor, 1846**270. *Microcyphus ceylanicus* Mortensen, 1942271. *Microcyphus maculatus* L. Agassiz in L. Agassiz & Desor, 1846**Genus: *Paratrema* Koehler, 1927**272. *Paratrema doederleini* (Mortensen, 1904)**Genus: *Printechinus* Koehler, 1927**273. *Printechinus impressus* Koehler, 1927**Genus: *Salmaciella* Mortensen, 1942**274. *Salmaciella dussumieri* (L. Agassiz in L. Agassiz & Desor, 1846)275. *Salmaciella oligopora* H. L. Clark, 1916**Genus: *Salmacis* L. Agassiz, 1841**276. *Salmacis belli* Döderlein, 1902277. *Salmacis bicolor* L. Agassiz in L. Agassiz & Desor, 1846278. *Salmacis sphaeroides* (Linnaeus, 1758)279. *Salmacis virgulata* L. Agassiz in L. Agassiz & Desor, 1846**Genus: *Temnopleurus* L. Agassiz, 1841**280. *Temnopleurus apodus* (A. Agassiz & H.L. Clark, 1907)281. *Temnopleurus decipiens* (de Meijere, 1904)282. *Temnopleurus toreumaticus* (Leske, 1778)**Genus: *Temnotrema* A. Agassiz, 1864**

283. *Temnotrema scillae* (Mazzetti, 1894)
 284. *Temnotrema siamense* (Mortensen, 1904)
Family: Toxopneustidae Troschel, 1872
Genus: Gymnechinus Mortensen, 1903
 285. *Gymnechinus robillardi* (de Loriol, 1883)
Genus: Pseudoboletia Troschel, 1869
 286. *Pseudoboletia maculata* Troschel, 1869
Genus: Toxopneustes L. Agassiz, 1841
 287. *Toxopneustes pileolus* (Lamarck, 1816)
Genus: Tripneustes L. Agassiz, 1841
 288. *Tripneustes depressus* A. Agassiz, 1863
 289. *Tripneustes gratilla* (Linnaeus, 1758)
Family: Trigonocidaridae Mortensen, 1903
Genus: Prionechinus A. Agassiz, 1879
 290. *Prionechinus agassizii* Wood-Mason & Alcock, 1891
Genus: Trigonocidaris A. Agassiz, 1869
 291. *Trigonocidaris versicolor* Koehler, 1927 Koehler (1927)
Order: Cidaroida Claus, 1880
Family: Cidaridae Gray, 1825
Genus: Eucidaris Pomel, 1883
 292. *Eucidaris metularia* (Lamarck, 1816)
Genus: Phyllacanthus Brandt, 1835
 293. *Phyllacanthus forcipulatus* Mortensen, 1936
 294. *Phyllacanthus imperialis* (Lamarck, 1816)
Genus: Plococidaris Mortensen, 1909
 295. *Plococidaris verticillata* (Lamarck, 1816)
Genus: Prionocidaris A. Agassiz, 1863
 296. *Prionocidaris baculosa* (Lamarck, 1816)
 297. *Prionocidaris baculosa annulifera* (A. Agassiz, 1873)
Genus: Stereocidaris Pomel, 1883
 298. *Stereocidaris alcocki* (Anderson, 1894)
 299. *Stereocidaris indica* Döderlein, 1901
Genus: Stylocidaris Mortensen, 1909
 300. *Stylocidaris albidens* H.L. Clark, 1925
 301. *Stylocidaris brevicollis* (de Meijere, 1904)
 302. *Stylocidaris lorioli* (Koehler, 1927)
 303. *Stylocidaris tiara* (Anderson, 1894)
Family: Histocidaridae Lambert, 1900
Genus: Histocidaris Mortensen, 1903
 304. *Histocidaris denticulata* Koehler, 1927
 305. *Histocidaris purpurata* (Thomson, 1872)
Order: Clypeasteroida A. Agassiz, 1872
Family: Clypeasteridae L. Agassiz, 1835
Genus: Arachnoides Leske, 1778
 306. *Arachnoides placenta* (Linnaeus, 1758)
Genus: Clypeaster Lamarck, 1801
 307. *Clypeaster annandalei* Koehler, 1922
 308. *Clypeaster eurypetalus* H.L. Clark, 1925
 309. *Clypeaster fervens* Koehler, 1922
 310. *Clypeaster humilis* (Leske, 1778)
 311. *Clypeaster kieri* Pawson & Phelan, 1979
 312. *Clypeaster pateriformis* Mortensen, 1948
 313. *Clypeaster prostratus* Ravenel, 1848

314. *Clypeaster rarispinus* de Meijere, 1903
 315. *Clypeaster reticulatus* (Linnaeus, 1758)
 316. *Clypeaster subdepressus* (Gray, 1825)
Order: Diadematoidea Duncan, 1889
Family: Diadematiidae Gray, 1855
Genus: Astropyga Gray, 1825
 317. *Astropyga radiata* (Leske, 1778)
Genus: Centrostephanus Peters, 1855
 318. *Centrostephanus nitidus* Koehler, 1927
Genus: Chaetodiadema Mortensen, 1903
 319. *Chaetodiadema granulatum* Mortensen, 1903
Genus: Diadema Gray, 1825
 320. *Diadema savignyi* (Audouin, 1829)
 321. *Diadema setosum* (Leske, 1778)
Genus: Echinothrix Peters, 1853
 322. *Echinothrix calamaris* (Pallas, 1774)
 323. *Echinothrix diadema* (Linnaeus, 1758)
Order: Echinolampadacea Mongiardino Koch et al., 2018
Family: Astrictlypeidae Stefanini, 1912
Genus: Echinodiscus Leske, 1778
 324. *Echinodiscus bisperforatus* Leske, 1778
 325. *Echinodiscus truncatus* (L. Agassiz, 1841)
Genus: Sculpsitechinus Stara & Sanciú, 2014
 326. *Sculpsitechinus auritus* (Leske, 1778)
Family: Echinarachniidae Lambert in Lambert & Thiéry, 1914
Genus: Echinarachnius Gray, 1825
 327. *Echinarachnius parma* (Lamarck, 1816)
Family: Fibulariidae Gray, 1855
Genus: Echinocyamus van Phelsum, 1774
 328. *Echinocyamus crispus* Mazzetti, 1893
 329. *Echinocyamus sollers* Koehler, 1922
Genus: Fibularia Lamarck, 1816
 330. *Fibularia cribellum* de Meijere, 1903
 331. *Fibularia ovulum* Lamarck, 1816
Family: Rotulidae Gray, 1855
Genus: Fibulariella Mortensen, 1948
 332. *Fibulariella volva* (L. Agassiz in L. Agassiz & Desor, 1847)
Family: Laganidae Desor, 1857
Genus: Jacksonaster Lambert in Lambert & Thiéry, 1914
 333. *Jacksonaster depressum* (L. Agassiz, 1841)
Genus: Laganum Link, 1807
 334. *Laganum decagonale* (Blainville, 1827)
 335. *Laganum laganum* (Leske, 1778)
 336. *Laganum retinens* Koehler, 1922
 337. *Laganum versatile* Koehler, 1922
Genus: Peronella Gray, 1855
 338. *Peronella lesueuri* (L. Agassiz, 1841)
 339. *Peronella macroproctes* Koehler, 1922
 340. *Peronella oblonga* Mortensen, 1948
 341. *Peronella orbicularis* (Leske, 1778)
 342. *Peronella rubra* Döderlein, 1885
 343. *Peronella rullandi* (Koehler, 1922)

344. *Peronella tuberculata* Mortensen, 1918
Family: Echinolampadidae Gray, 1851
Genus: Echinolampas Gray, 1825
345. *Echinolampas alexandri* de Loriol, 1876
346. *Echinolampas ovata* (Leske, 1778)
Order: Echinoneoidea H. L. Clark, 1925
Family: Echinoneidae L. Agassiz & Desor, 1847
Genus: Echinoneus Leske, 1778
347. *Echinoneus cyclostomus* Leske, 1778
Order: Echinothurioida Claus, 1880
Family: Echinothuriidae Thomson, 1872
Genus: Hygrosoma Mortensen, 1903
348. *Hygrosoma luculentum* (A. Agassiz, 1879)
Genus: Sperosoma Koehler, 1897
349. *Sperosoma biseriatum* Döderlein, 1901
Family: Phormosomatidae Mortensen, 1934
Genus: Phormosoma Thomson, 1872
350. *Phormosoma bursarium* A. Agassiz, 1881
351. *Phormosoma verticillatum* Mortensen, 1904
Order: Salenioida Delage & Hérouard, 1903
Family: Saleniidae L. Agassiz, 1838
Genus: Bathysalenia Pomel, 1883
352. *Bathysalenia sculpta* (Koehler, 1927)
Genus: Salenocidaris A. Agassiz, 1869
353. *Salenocidaris miliaris indica* Mortensen, 1939
Order: Spatangoida L. Agassiz, 1840
Family: Brissidae Gray, 1855
Genus: Brissopsis L. Agassiz, 1840
354. *Brissopsis luzonica* (Gray, 1851)
355. *Brissopsis oldhami* Alcock, 1893
356. *Brissopsis parallella* Koehler, 1914
Genus: Brissus Gray, 1825
357. *Brissus latecarinatus* (Leske, 1778)
358. *Brissus unicolor* (Leske, 1778)
Genus: Metalia Gray, 1855
359. *Metalia latissima* H.L. Clark, 1925
360. *Metalia spatagus* (Linnaeus, 1758)
361. *Metalia sternalis* (Lamarck, 1816)
Genus: Rhynobrissus A. Agassiz, 1872
362. *Rhynobrissus pyramidalis* A. Agassiz, 1872
Family: Eurypatagidae Kroh, 2007
Genus: Elipneustes Koehler, 1914
363. *Elipneustes denudatus* (Koehler, 1914)
364. *Elipneustes rubens* (Koehler, 1914)
Genus: Linopneustes A. Agassiz, 1881
365. *Linopneustes spectabilis* (de Meijere, 1902)
Family: Hemiasteridae H. L. Clark, 1917
Genus: Holanthus Lambert & Thiéry, 1924
366. *Holanthus vanus* (Koehler, 1914)
Family: Loveniidae Lambert, 1905
Genus: Araeolampas Serafy, 1974
367. *Araeolampas glauca* (Wood-Mason & Alcock, 1891)

Genus: *Breynia* Desor in Agassiz & Desor, 1847368. *Breynia vredenburgi* Anderson, 1907**Genus: *Lovenia* Desor in Agassiz & Desor, 1847**369. *Lovenia elongata* (Gray, 1845)370. *Lovenia gregalis* Alcock, 1893371. *Lovenia subcarinata* Gray, 1851**Family: Macropneustidae Lambert, 1905****Genus: *Argopatagus* A. Agassiz, 1879**372. *Argopatagus vitreus* A. Agassiz, 1879**Family: Maretiidae Lambert, 1905****Genus: *Gymnopatagus* Döderlein, 1901**373. *Gymnopatagus magnus* A. Agassiz & H.L. Clark, 1907374. *Gymnopatagus valdiviae* Döderlein, 1901**Genus: *Maretia* Gray, 1855**375. *Maretia planulata* (Lamarck, 1816)**Genus: *Nacospatangus* A. Agassiz, 1873**376. *Nacospatangus altus* (A. Agassiz, 1864)**Family: Palaeostomatidae Lovén, 1868****Genus: *Palaeostoma* Lovén in A. Agassiz, 1872**377. *Palaeostoma mirabile* (Gray, 1851)**Family: Palaeotropidae Lambert, 1896****Genus: *Paleotrema* Koehler, 1914**378. *Paleotrema ovatum* (Koehler, 1914)**Family: Paleopneustina *incertae sedis* B****Genus: *Heterobrissus* Manzoni & Mazzetti, 1878**379. *Heterobrissus hemingi* (Anderson, 1902)**Family: Pericosmidae Lambert, 1905****Genus: *Faorina* Gray, 1851**380. *Faorina chinensis* Gray, 1851**Genus: *Pericosmus* L. Agassiz in L. Agassiz & Desor, 1847**381. *Pericosmus macronesius* Koehler, 1914**Family: Schizasteridae Lambert, 1905****Genus: *Hypselaster* H.L. Clark, 1917**382. *Hypselaster kemp* (Koehler, 1914)**Genus: *Moir* A. Agassiz, 1872**383. *Moir stygia* (A. Agassiz, 1872)**Genus: *Prymnaster* Koehler, 1914**384. *Prymnaster angulatus* Koehler, 1914385. *Prymnaster investigatoris* Koehler, 1914**Genus: *Schizaster* L. Agassiz, 1835**386. *Schizaster compactus* (Koehler, 1914)387. *Schizaster gibberulus* L. Agassiz & Desor, 1847**Order: Stomopneustoida Kroh & Smith, 2010****Family: Stomopneustidae Mortensen, 1903****Genus: *Stomopneustes* L. Agassiz, 1841**388. *Stomopneustes variolaris* (Lamarck, 1816)**Class: Holothuroidea de Blainville, 1834****Order: Apodida Brandt, 1835****Family: Chiridotidae Östergren, 1898****Genus: *Polycheira* H.L. Clark, 1908**389. *Polycheira rufescens* (Brandt, 1835)**Genus: *Psammothuria* Rao, 1968**

390. *Psammothuria ganapati* Rao, 1968
Genus: Taeniogyrus Semper, 1867
391. *Taeniogyrus havelockensis* (Rao, 1975)
Family: Synaptidae Burmeister, 1837
Genus: Anapta Semper, 1867
392. *Anapta gracilis* Semper, 1867
Genus: Dactylapta H.L. Clark, 1908
393. *Dactylapta dubiosa* (Koehler & Vaney, 1905)
Genus: Euapta Östergren, 1898
394. *Euapta godeffroyi* (Semper, 1868)
Genus: Labidoplax Östergren, 1898
395. *Labidoplax* sp.
Genus: Leptosynapta Verrill, 1867
396. *Leptosynapta* sp.
Genus: Opheodesoma Fisher, 1907
397. *Opheodesoma grisea* (Semper, 1867)
398. *Opheodesoma radiosa* (Lesson, 1830)
Genus: Patinapta Heding, 1928
399. *Patinapta ooplax* (von Marenzeller, 1882)
Genus: Protankyra Östergren, 1898
400. *Protankyra conferta* Koehler & Vaney, 1905
401. *Protankyra denticulata* Koehler & Vaney, 1905
402. *Protankyra errata* Koehler & Vaney, 1905
403. *Protankyra inflexa* Koehler & Vaney, 1905
404. *Protankyra pseudodigitata* (Semper, 1867)
405. *Protankyra similis* (Semper, 1867)
406. *Protankyra tristis* Koehler & Vaney, 1905
407. *Protankyra tucicorenensis* James, 1982
Genus: Rynkatorpa Rowe & Pawson, 1967
408. *Rynkatorpa timida* (Koehler & Vaney, 1905)
Genus: Synapta Eschscholtz, 1829
409. *Synapta maculata* (Chamisso & Eysenhardt, 1821)
Genus: Synaptula Örsted, 1849
410. *Synaptula media* Cherbonnier & Féral, 1984
411. *Synaptula recta* (Semper, 1867)
412. *Synaptula varians* (Nair, 1946)
Order: Dendrochirotida Grube, 1840
Family: Cucumariidae Ludwig, 1894
Genus: Actinocucumis Ludwig, 1875
413. *Actinocucumis typica* Ludwig, 1875
Genus: Aslia Rowe, 1970
414. *Aslia forbesi* (Bell, 1886)
Genus: Colochirus Troschel, 1846
415. *Colochirus quadrangularis* Troschel, 1846
Genus: Leptopentacta Clark, 1938
416. *Leptopentacta bacilliformis* (Koehler & Vaney, 1908)
417. *Leptopentacta imbricata* (Semper, 1867)
Genus: Pseudocnus Panning, 1949
418. *Pseudocnus alcocki* (Koehler & Vaney, 1908)
419. *Pseudocnus echinatus* (von Marenzeller, 1881)
Genus: Pseudocolochirus Pearson, 1910
420. *Pseudocolochirus violaceus* (Théel, 1886)

Genus: *Roweia* Thandar, 1985421. *Roweia frauenfeldi frauenfeldi* (Ludwig, 1882)**Genus: *Trachasina* Thandar & Moodley, 2003**422. *Trachasina crucifera* (Semper, 1869)**Family: Phyllophoridae Östergren, 1907****Genus: *Hemithyone* Pawson, 1963**423. *Hemithyone semperi* (Bell, 1884)**Genus: *Neothyonidium* Deichmann, 1938**424. *Neothyonidium intermedium* (Koehler & Vaney, 1908)**Genus: *Phyllophorella* Heding & Panning, 1954**425. *Phyllophorella spiculata* (Chang, 1935)**Genus: *Phyllophorus* Grube, 1840**426. *Phyllophorus (Phyllothuria) cebuensis* (Semper, 1867)427. *Phyllophorus (Phyllothuria) celer* Koehler & Vaney, 1908428. *Phyllophorus brocki* Ludwig, 1888429. *Phyllophorus dubia* (Bedford, 1899)**Genus: *Phyrella* Heding & Panning, 1954**430. *Phyrella fragilis* (Mitsukuri & Ohshima in Ohshima, 1912)**Genus: *Pseudostolus* Thandar, 2021**431. *Pseudostolus rapax* (Koehler & Vaney, 1908)**Genus: *Stolus* Selenka, 1867**432. *Stolus buccalis* (Stimpson, 1855)433. *Stolus conjungens* (Semper, 1867)**Genus: *Thorsonia* Heding, 1940**434. *Thorsonia investigatoris* (Koehler & Vaney, 1908)**Genus: *Thyone* Oken, 1815**435. *Thyone dura* Koehler & Vaney, 1908436. *Thyone papuensis* Théel, 1886**Family: Psolidae Burmeister, 1837****Genus: *Psolidium* Ludwig, 1886**437. *Psolidium complanatum* (Semper, 1867)438. *Psolidium rugosum* Koehler & Vaney, 1905**Genus: *Psolus* Oken, 1815**439. *Psolus levis* Koehler & Vaney, 1905440. *Psolus mannarensis* James, 1984441. *Psolus membranaceus* Koehler & Vaney, 1905**Family: Sclerodactylidae Panning, 1949****Genus: *Afrocucumis* Deichmann, 1944**442. *Afrocucumis africana* (Semper, 1867)**Genus: *Athyone* Deichmann, 1941**443. *Athyone* sp.**Genus: *Cladolabes* Brandt, 1835**444. *Cladolabes aciculus* (Semper, 1867)**Genus: *Havelockia* Pearson, 1903**445. *Havelockia ardens* (Koehler & Vaney, 1908)446. *Havelockia ariana* (Koehler & Vaney, 1908)447. *Havelockia versicolor* (Semper, 1867)**Genus: *Ohshimella* Heding & Panning, 1954**448. *Ohshimella ehrenbergii* (Selenka, 1868)**Family: Vaneyellidae Pawson & Fell, 1965****Genus: *Mitsukuriella* Heding & Panning, 1954**449. *Mitsukuriella inflexa* (Koehler & Vaney, 1908)**Family: Ypsilothuriidae Heding, 1942**

Genus: *Ypsilothuria* Perrier E., 1886450. *Ypsilothuria bitentaculata* (Ludwig, 1893)**Order: Elaspodida Théel, 1882****Family: Elpidiidae Théel, 1882****Genus: *Psychroplanes* Gebruk, 1988**451. *Psychroplanes rigida* (Théel, 1882)**Family: Laetmogonidae Ekman, 1926****Genus: *Apodogaster* Walsh, 1891**452. *Apodogaster alcocki* Walsh, 1891**Genus: *Benthogone* Koehler, 1895**453. *Benthogone fragilis* (Koehler & Vaney, 1905)**Genus: *Laetmogone* Théel, 1879**454. *Laetmogone violacea* Théel, 1879**Family: Pelagotheriidae Ludwig, 1893****Genus: *Enypniastes* Théel, 1882**455. *Enypniastes eximia* Théel, 1882**Family: Psychropotidae Théel, 1882****Genus: *Benthodytes* Théel, 1882**456. *Benthodytes sanguinolenta* Théel, 1882457. *Benthodytes typica* Théel, 1882**Genus: *Psychropotes* Théel, 1882**458. *Psychropotes minuta* Koehler & Vaney, 1905459. *Psychropotes verrucosa* (Ludwig, 1893)**Order: Holothuriida Miller, Kerr, Paulay, Reich, Wilson, Carvajal & Rouse, 2017****Family: Holothuriidae Burmeister, 1837****Genus: *Actinopyga* Bronn, 1860**460. *Actinopyga echinites* (Jaeger, 1833)461. *Actinopyga lecanora* (Jaeger, 1833)462. *Actinopyga mauritiana* (Quoy & Gaimard, 1834)463. *Actinopyga miliaris* (Quoy & Gaimard, 1834)**Genus: *Bohadschia* Jaeger, 1833**464. *Bohadschia atra* Massin, Rasolofonirina, Conand & Samyn, 1999465. *Bohadschia argus* Jaeger, 1833466. *Bohadschia marmorata* Jaeger, 1833467. *Bohadschia ocellata* Jaeger, 1833468. *Bohadschia vitiensis* (Semper, 1868)**Genus: *Holothuria* Linnaeus, 1767**469. *Holothuria (Acanthotrapeza) coluber* Semper, 1868470. *Holothuria (Acanthotrapeza) pyxis* Selenka, 1867471. *Holothuria (Cystipus) inhabilis* Selenka, 1867472. *Holothuria (Cystipus) rigida* Selenka, 1867473. *Holothuria (Halodeima) atra* Jaeger, 1833474. *Holothuria (Halodeima) edulis* Lesson, 1830475. *Holothuria (Lessonothuria) lineata* Ludwig, 1875476. *Holothuria (Lessonothuria) pardalis* Selenka, 1867477. *Holothuria (Mertensiothuria) hilla* Lesson, 1830478. *Holothuria (Mertensiothuria) leucospilota* (Brandt, 1835)479. *Holothuria (Metriatyla) scabra* Jaeger, 1833480. *Holothuria (Microthele) fuscogilva* Cherbonnier, 1980481. *Holothuria (Microthele) nobilis* (Selenka, 1867)482. *Holothuria (Platyperona) difficilis* Semper, 1868483. *Holothuria (Selenkothuria) erinacea* Semper, 1868

484. *Holothuria (Selenkothuria) glaberrima* Selenka, 1867
 485. *Holothuria (Selenkothuria) lubrica* Selenka, 1867
 486. *Holothuria (Selenkothuria) moebii* (Brandt, 1883)
 487. *Holothuria (Semperothuria) cinerascens* (Brandt, 1835)
 488. *Holothuria (Stauropora) fuscocinerea* Jaeger, 1833
 489. *Holothuria (Stauropora) modesta* Ludwig, 1875
 490. *Holothuria (Stauropora) pervicax* Selenka, 1867
 491. *Holothuria (Theelothuria) cadelli* Bell, 1887
 492. *Holothuria (Theelothuria) kurti* Ludwig, 1891
 493. *Holothuria (Theelothuria) spinifera* Théel, 1886
 494. *Holothuria (Thymiosycia) arenicola* Semper, 1868
 495. *Holothuria (Thymiosycia) gracilis* Semper 1868
 496. *Holothuria (Thymiosycia) impatiens* (Forskål, 1775)
 497. *Holothuria (Thymiosycia) remollescens* Lampert, 1885
 498. *Holothuria (Vaneyothuria) integra* Koehler & Vaney, 1908

Genus: Labidodemas Selenka, 1867

499. *Labidodemas rugosum* (Ludwig, 1875)
 500. *Labidodemas semperianum* Selenka, 1867

Genus: Pearsonothuria Levin in Levin, Kalinin & Stonik, 1984

501. *Pearsonothuria graeffei* (Semper, 1868)

Family: Mesothuriidae Smirnov, 2012

Genus: Mesothuria Ludwig, 1894

502. *Mesothuria abbreviata* Koehler & Vaney, 1905
 503. *Mesothuria incerta* Koehler & Vaney, 1905
 504. *Mesothuria multipes* Ludwig, 1893
 505. *Mesothuria squamosa* Koehler & Vaney, 1905

Order: Molpadida Haeckel, 1896

Family: Caudinidae Heding, 1931

Genus: Acaudina H.L. Clark, 1908

506. *Acaudina leucoprocta* (H.L. Clark, 1938)
 507. *Acaudina molpadioides* (Semper, 1867)

Genus: Hedingia Deichmann, 1938

508. *Hedingia albicans* (Théel, 1886)

Genus: Paracaudina Heding, 1932

509. *Paracaudina australis* (Semper, 1868)

Family: Eupyrgidae Semper, 1867

Genus: Eupyrgus Lütken, 1857

510. *Eupyrgus scaber* Lütken, 1857

Family: Molpadiidae Müller, 1850

Genus: Molpadia Cuvier, 1817

511. *Molpadia acuta* (Koehler & Vaney, 1905)
 512. *Molpadia andamanensis* (Walsh, 1891)
 513. *Molpadia brevicaudata* (Koehler & Vaney, 1905)
 514. *Molpadia concolor* (Koehler & Vaney, 1905)
 515. *Molpadia contorta* (Koehler & Vaney, 1905)
 516. *Molpadia ecalcareia* (Koehler & Vaney, 1905)
 517. *Molpadia elongata* (Koehler & Vaney, 1905)
 518. *Molpadia granulata* (Ludwig, 1893)
 519. *Molpadia musculus* Risso, 1826
 520. *Molpadia paupera* (Koehler & Vaney, 1905)
 521. *Molpadia polymorpha* (Koehler & Vaney, 1905)
 522. *Molpadia undulata* (Koehler & Vaney, 1905)

Order: Persiculida Miller, Kerr, Paulay, Reich, Wilson, Carvajal & Rouse, 2017

Genus: *Benthothuria* Perrier R., 1898

523. *Benthothuria cristata* Koehler & Vaney, 1905

524. *Benthothuria distorta* Koehler & Vaney, 1905

Family: Pseudostichopodidae Miller, Kerr, Paulay, Reich, Wilson, Carvajal & Rouse, 2017

Genus: *Pseudostichopus* Théel, 1886

525. *Pseudostichopus elegans* (Koehler & Vaney, 1905)

526. *Pseudostichopus occultatus* Marenzeller von, 1893

527. *Pseudostichopus peripatus* (Sluiter, 1901)

Order: Synallactida Miller, Kerr, Paulay, Reich, Wilson, Carvajal & Rouse, 2017

Family: Stichopodidae Haeckel, 1896

Genus: *Apostichopus* Liao, 1980

528. *Apostichopus japonicus* (Selenka, 1867)

Genus: *Stichopus* Brandt, 1835

529. *Stichopus chloronotus* Brandt, 1835

530. *Stichopus herrmanni* Semper, 1868

531. *Stichopus horrens* Selenka, 1867

532. *Stichopus vastus* Sluiter, 1887

Genus: *Thelenota* Brandt, 1835

533. *Thelenota ananas* (Jaeger, 1833)

Family: Synallactidae Ludwig, 1894

Genus: *Allopatides* Koehler & Vaney, 1905

534. *Allopatides dendroides* Koehler & Vaney, 1905

Genus: *Amphigymnas* Walsh, 1891

535. *Amphigymnas woodmasoni* (Walsh, 1891)

Genus: *Bathyplotes* Östergren, 1896

536. *Bathyplotes cinctus* Koehler & Vaney, 1910

537. *Bathyplotes crenulatus* Koehler & Vaney, 1905

538. *Bathyplotes natans* (M. Sars, 1868)

539. *Bathyplotes pellucidus* (Koehler & Vaney, 1905)

540. *Bathyplotes variabilis* Koehler & Vaney, 1905

Genus: *Dendrothuria* Koehler & Vaney, 1905

541. *Dendrothuria similis* Koehler & Vaney, 1905

Genus: *Paelopatides* Théel, 1886

542. *Paelopatides dissidens* Koehler & Vaney, 1910

543. *Paelopatides gelatinosus* (Walsh, 1891)

544. *Paelopatides incerta* (Koehler & Vaney, 1905)

545. *Paelopatides insignis* Koehler & Vaney, 1905

546. *Paelopatides magna* (Koehler & Vaney, 1905)

547. *Paelopatides mammillatus* Koehler & Vaney, 1905

548. *Paelopatides modestus* Koehler & Vaney, 1905

549. *Paelopatides mollis* Koehler & Vaney, 1905

550. *Paelopatides ovalis* (Walsh, 1891)

551. *Paelopatides verrucosus* Koehler & Vaney, 1905

Genus: *Pseudothuria* Koehler & Vaney, 1905

552. *Pseudothuria duplex* Koehler & Vaney, 1905

Genus: *Synallactes* Ludwig, 1894

553. *Synallactes dubius* Koehler & Vaney, 1905

554. *Synallactes horridus* Koehler & Vaney, 1905

555. *Synallactes profundus* (Koehler & Vaney, 1905)

556. *Synallactes rigidus* Koehler & Vaney, 1905

Family: Deimatidae Théel, 1882

Genus: *Deima* Théel, 1879557. *Deima validum validum* Théel, 1879**Genus: *Oneirophanta* Théel, 1879**558. *Oneirophanta conservata* Koehler & Vaney, 1905**Genus: *Orphnurgus* Théel, 1879**559. *Orphnurgus glaber* Walsh, 1891**Class: Ophiuroidea Gray, 1840****Order: Amphilepidida O'Hara, Hugall, Thuy, Stöhr & Martynov, 2017****Family: Amphiuridae Ljungman, 1867****Genus: *Amphioplus* Verrill, 1899**560. *Amphioplus (Amphioplus) intermedius* (Koehler, 1905)561. *Amphioplus (Amphioplus) personatus* (Koehler, 1905)562. *Amphioplus (Lymanella) andreae* (Lütken, 1872)563. *Amphioplus (Lymanella) depressus* (Ljungman, 1867)564. *Amphioplus (Lymanella) hastatus* (Ljungman, 1867)565. *Amphioplus (Lymanella) laevis* (Lyman, 1874)566. *Amphioplus (Unioplus) caulleryi* (Koehler, 1897)567. *Amphioplus cyrtacanthus* H.L. Clark, 1915568. *Amphioplus dispar* (Koehler, 1897)569. *Amphioplus famula* (Koehler, 1910)570. *Amphioplus gravelyi* James, 1970571. *Amphioplus modestus* (Koehler, 1897)**Genus: *Amphipholis* Ljungman, 1866**572. *Amphipholis misera* (Koehler, 1899)573. *Amphipholis squamata* (Delle Chiaje, 1828)**Genus: *Amphiura* Forbes, 1843**574. *Amphiura (Amphiura) ambigua* Koehler, 1905575. *Amphiura (Amphiura) dejectoides* H.L. Clark, 1939576. *Amphiura (Amphiura) lorioli* (Koehler, 1897)577. *Amphiura (Amphiura) micra* H.L. Clark, 1938578. *Amphiura (Amphiura) septemspinosa* H.L. Clark, 1915579. *Amphiura (Amphiura) uncinata* Koehler, 1904580. *Amphiura (Ophiopeltis) tenuis* (H.L. Clark, 1938)**Genus: *Dougaloplus* A.M. Clark, 1970**581. *Dougaloplus echinatus* (Ljungman, 1867)**Genus: *Ophiocentrus* Ljungman, 1867**582. *Ophiocentrus dilatata* (Koehler, 1905)583. *Ophiocentrus verticillatus* (Döderlein, 1896)**Genus: *Ophiodaphne* Koehler, 1930**584. *Ophiodaphne scripta* (Koehler, 1904)**Genus: *Ophionephthys* Lütken, 1869**585. *Ophionephthys difficilis* (Duncan, 1887)**Family: Hemicuryalidae Verrill, 1899****Genus: *Ophioplocus* Lyman, 1861**586. *Ophioplocus declinans* (Koehler, 1904)587. *Ophioplocus imbricatus* (Müller & Troschel, 1842)**Genus: *Ophiozonella* Matsumoto, 1915**588. *Ophiozonella bispinosa* (Koehler, 1897)589. *Ophiozonella molesta* (Koehler, 1904)**Family: Ophiactidae Matsumoto, 1915****Genus: *Ophiactis* Lütken, 1856**590. *Ophiactis brachyura* Döderlein, 1898

591. *Ophiactis delagoa* J.B. Balinsky, 1957
 592. *Ophiactis macrolepidota* Marktanner-Turneretscher, 1887
 593. *Ophiactis modesta* Brock, 1888
 594. *Ophiactis perplexa* Koehler, 1897
 595. *Ophiactis picteti* (de Loriol, 1893)
 596. *Ophiactis savignyi* (Müller & Troschel, 1842)
Family: Ophiolepididae Ljungman, 1867
Genus: Ophiolepis Müller & Troschel, 1840
 597. *Ophiolepis cardioplax* Murakami, 1943
 598. *Ophiolepis cincta cincta* Müller & Troschel, 1842
 599. *Ophiolepis nodosa* Duncan, 1887
 600. *Ophiolepis superba* H.L. Clark, 1915
Family: Ophiothamnidae O'Hara, Stöhr, Hugall, Thuy & Martynov, 2018
Genus: Ophiothamnus Lyman, 1869
 601. *Ophiothamnus venustus* Matsumoto, 1915
Genus: Histampica A.M. Clark, 1970
 602. *Histampica duplicata* (Lyman, 1875)
Family: Ophiolepididae Ljungman, 1867
Genus: Ophiotypa Koehler, 1897
 603. *Ophiotypa simplex* Koehler, 1897
Family: Ophionereididae Ljungman, 1867
Genus: Ophiochiton Lyman, 1878
 604. *Ophiochiton ambulator* Koehler, 1897
Genus: Ophionereis Lütken, 1859
 605. *Ophionereis andamanensis* James, 1982
 606. *Ophionereis dubia dubia* (Müller & Troschel, 1842)
 607. *Ophionereis porrecta* Lyman, 1860
 608. *Ophionereis semoni* (Döderlein, 1896)
Genus: Ophioplax Lyman, 1875
 609. *Ophioplax custos* (Koehler, 1897)
Family: Ophiopsilidae Matsumoto, 1915
Genus: Ophiopsila Forbes, 1843
 610. *Ophiopsila pantherina* Koehler, 1898
Family: Ophiotrichidae Ljungman, 1867
Genus: Gymnolophus Brock, 1888
 611. *Gymnolophus obscura* (Ljungman, 1867)
Genus: Macrophiiothrix H.L. Clark, 1938
 612. *Macrophiiothrix aspidota* (Müller & Troschel, 1842)
 613. *Macrophiiothrix demessa* (Lyman, 1861)
 614. *Macrophiiothrix galathea* (Lütken, 1872)
 615. *Macrophiiothrix hirsuta* (Müller & Troschel, 1842)
 616. *Macrophiiothrix koehleri* A.M. Clark, 1968
 617. *Macrophiiothrix longipeda* (Lamarck, 1816)
 618. *Macrophiiothrix nereidina* (Lamarck, 1816)
 619. *Macrophiiothrix propinqua* (Lyman, 1861)
 620. *Macrophiiothrix speciosa* (Koehler, 1898)
 621. *Macrophiiothrix striolata* (Grube, 1868)
 622. *Macrophiiothrix variabilis* (Duncan, 1887)
Genus: Ophiocnemis Müller & Troschel, 1842
 623. *Ophiocnemis marmorata* (Lamarck, 1816)
Genus: Ophiogymna Ljungman, 1866
 624. *Ophiogymna elegans* Ljungman, 1866
 625. *Ophiogymna lineata* H.L. Clark, 1938

626. *Ophiogymna pellicula* (Duncan, 1887)
Genus: Ophiolophus Marktanner-Turneretscher, 1887
627. *Ophiolophus novarae* Marktanner-Turneretscher, 1887
Genus: Ophiomaza Lyman, 1871
628. *Ophiomaza cacautica* Lyman, 1871
 629. *Ophiomaza cataphracta* (Brock, 1888)
Genus: Ophiopsammium Lyman, 1874
630. *Ophiopsammium semperi* Lyman, 1874
Genus: Ophiopterion Ludwig, 1888
631. *Ophiopterion elegans* Ludwig, 1888
Genus: Ophiothela Verrill, 1867
632. *Ophiothela mirabilis* Verrill, 1867
Genus: Ophiothrix Müller & Troschel, 1840
633. *Ophiothrix (Acanthophiothrix) diligens* Koehler, 1898
 634. *Ophiothrix (Acanthophiothrix) lepidus* de Loriol, 1893
 635. *Ophiothrix (Acanthophiothrix) proteus* Koehler, 1905
 636. *Ophiothrix (Acanthophiothrix) purpurea* von Martens, 1867
 637. *Ophiothrix (Acanthophiothrix) vigelandi* A.M. Clark, 1968
 638. *Ophiothrix (Ophiothrix) accedens* Koehler, 1930
 639. *Ophiothrix (Ophiothrix) aristulata* Lyman, 1879
 640. *Ophiothrix (Ophiothrix) ciliaris* (Lamarck, 1816)
 641. *Ophiothrix (Ophiothrix) exigua* Lyman, 1874
 642. *Ophiothrix (Ophiothrix) foveolata* Marktanner-Turneretscher, 1887
 643. *Ophiothrix (Ophiothrix) koreana* Duncan, 1879
 644. *Ophiothrix (Ophiothrix) savignyi* (Müller & Troschel, 1842)
 645. *Ophiothrix (Ophiothrix) trilineata* Lütken, 1869
 646. *Ophiothrix (Ophiothrix) vitrea* Döderlein, 1896
 647. *Ophiothrix marginata* Koehler, 1905
 648. *Ophiothrix merguensis* Duncan, 1887
 649. *Ophiothrix variegata* Duncan, 1887
Order: Euryalida Lamarck, 1816
Family: Asteronychidae Verrill, 1899
Genus: Asteronyx Müller & Troschel, 1842
650. *Asteronyx loveni* Müller & Troschel, 1842
Family: Euryalidae Gray, 1840
Genus: Asteroschema Örsted & Lütken in Lütken, 1856
651. *Asteroschema fastosum* Koehler, 1904
 652. *Asteroschema flosculus* Alcock, 1893
 653. *Asteroschema sampadae* Parameswaran & Jaleel, 2012
 654. *Asteroschema subfastosum* Döderlein, 1930
Genus: Ophiocreas Lyman, 1879
655. *Ophiocreas sibogae* Koehler, 1904
Genus: Trichaster L. Agassiz, 1836
656. *Trichaster flagellifer* von Martens, 1866
Family: Gorgonocephalidae Ljungman, 1867
Genus: Astroboa Döderlein, 1911
657. *Astroboa clavata* (Lyman, 1861)
 658. *Astroboa nuda* (Lyman, 1874)
Genus: Astrocladus Verrill, 1899
659. *Astrocladus dofleini* Döderlein, 1910
 660. *Astrocladus exiguus* (Lamarck, 1816)
Genus: Astrodendrum Döderlein, 1911

661. *Astrodendrum laevigatum* (Koehler, 1897)
Genus: *Astrothorax* Döderlein, 1911
662. *Astrothorax waitei* (Benham, 1909)
Order: Ophiacanthida O'Hara, Hugall, Thuy, Stöhr & Martynov, 2017
Family: Ophiacanthidae Ljungman, 1867
Genus: *Ophiacantha* Müller & Troschel, 1842
663. *Ophiacantha composita* Koehler, 1897
664. *Ophiacantha indica* Ljungman, 1867
665. *Ophiacantha pentagona* Koehler, 1897
666. *Ophiacantha sociabilis* Koehler, 1897
667. *Ophiacantha vagans* Koehler, 1898
668. *Ophiacantha vorax* Koehler, 1897
Genus: *Ophialcaea* Verrill, 1899
669. *Ophialcaea tuberculosa* (Lyman, 1878)
Genus: *Ophiolimna* Verrill, 1899
670. *Ophiolimna antarctica* (Lyman, 1879)
Genus: *Ophiomoeris* Koehler, 1904
671. *Ophiomoeris obstricta* (Lyman, 1878)
672. *Ophiomoeris tenera* (Koehler, 1897)
Genus: *Ophioplinthaca* Verrill, 1899
673. *Ophioplinthaca rudis* (Koehler, 1897)
Family: Ophiobursidae Matsumoto, 1915
Genus: *Ophiophrixus* H.L. Clark, 1911
674. *Ophiophrixus confinis* Koehler, 1922
Family: Ophiocamacidae O'Hara, Stöhr, Hugall, Thuy & Martynov, 2018
Genus: *Ophiocamax* Lyman, 1878
675. *Ophiocamax fasciculata* Lyman, 1883
676. *Ophiocamax vitrea* Lyman, 1878
Family: Ophiomyxidae Ljungman, 1867
Genus: *Ophiomyxa* Müller & Troschel, 1840
677. *Ophiomyxa australis* Lütken, 1869
678. *Ophiomyxa bengalensis* Koehler, 1897
Family: Ophiotomidae Paterson, 1985
Genus: *Ophiomitra* Lyman, 1869
679. *Ophiomitra integra* Koehler, 1897
Genus: *Ophiotreta* Verrill, 1899
680. *Ophiotreta matura* (Koehler, 1904)
681. *Ophiotreta stimulea* (Lyman, 1878)
Genus: *Ophiopristis* Verrill, 1899
682. *Ophiopristis vestita* (Koehler, 1897)
Family: Ophiacanthida *incertae sedis*
Genus: *Ophiodyscrita* H.L. Clark, 1938
683. *Ophiodyscrita acosmeta* H.L. Clark, 1938
Family: Ophiocomidae Ljungman, 1867
Genus: *Breviturma* Stöhr, Boissin & Hoareau, 2013
684. *Breviturma brevipes* (Peters, 1851)
685. *Breviturma dentata* (Müller & Troschel, 1842)
686. *Breviturma doederleini* (de Loriol, 1899)
687. *Breviturma pica* (Müller & Troschel, 1842)
688. *Breviturma pusilla* (Brock, 1888)
Genus: *Ophiocoma* L. Agassiz, 1836
689. *Ophiocoma aethiops* Lütken, 1859

690. *Ophiocoma anaglyptica* Ely, 1944
 691. *Ophiocoma cynthiae* Benavides-Serrato & O'Hara, 2008
 692. *Ophiocoma erinaceus* Müller & Troschel, 1842
 693. *Ophiocoma scolopendrina* (Lamarck, 1816)
Genus: *Ophiocomella* A.H. Clark, 1939
 694. *Ophiocomella sexradia* (Duncan, 1887)
 695. *Ophiocomella valenciae* (Müller & Troschel, 1842)
Genus: *Ophiomastix* Müller & Troschel, 1842
 696. *Ophiomastix annulosa* (Lamarck, 1816)
 697. *Ophiomastix elegans* (Peters, 1851)
 698. *Ophiomastix pictum* (Müller & Troschel, 1842)
Family: Ophiodermatidae Ljungman, 1867
Genus: *Ophiarachnella* Ljungman, 1872
 699. *Ophiarachnella gorgonia* (Müller & Troschel, 1842)
 700. *Ophiarachnella infernalis* (Müller & Troschel, 1842)
 701. *Ophiarachnella septemspinosa* (Müller & Troschel, 1842)
 702. *Ophiarachnella sphenisci* (Bell, 1894)
Genus: *Bathypectinura* H.L. Clark, 1909
 703. *Bathypectinura heros* (Lyman, 1879)
Genus: *Cryptopelta* H.L. Clark, 1909
 704. *Cryptopelta granulifera* H.L. Clark, 1909
Genus: *Ophiopsammus* Lütken, 1869
 705. *Ophiopsammus aequalis* (Lyman, 1880)
 706. *Ophiopsammus yoldii* (Lütken, 1856)
Family: Ophiomyxidae Ljungman, 1867
Genus: *Ophiarachna* Müller & Troschel, 1842
 707. *Ophiarachna incrassata* (Lamarck, 1816)
Genus: *Ophioconis* Lütken, 1869
 708. *Ophioconis indica* Koehler, 1897
Family: Ophiopezidae O'Hara, Stöhr, Hugall, Thuy & Martynov, 2018
Genus: *Ophiochaeta* Lütken, 1869
 709. *Ophiochaeta hirsuta* Lütken, 1869
Genus: *Ophiopeza* Peters, 1851
 710. *Ophiopeza fallax arabica* A.M. Clark, 1968
 711. *Ophiopeza spinosa* (Ljungman, 1867)
Order: Ophioleucida O'Hara, Hugall, Thuy, Stöhr & Martynov, 2017
Family: Ophiernidae O'Hara, Stöhr, Hugall, Thuy & Martynov, 2018
Genus: *Ophiernus* Lyman, 1878
 712. *Ophiernus adpersus adpersus* Lyman, 1883
Family: Ophioleucidae Matsumoto, 1915
Genus: *Ophioleuce* Koehler, 1904
 713. *Ophioleuce longispinum* Stöhr, Sautya & Ingole, 2012
Genus: *Ophiostriatus* Madsen, 1983
 714. *Ophiostriatus bispinosus* (Koehler, 1897)
Order: Ophioscolecida O'Hara, Hugall, Thuy, Stöhr & Martynov, 2017
Family: Ophiohelidae Perrier, 1893
Genus: *Ophiomyces* Lyman, 1869
 715. *Ophiomyces delata* Koehler, 1904
Order: Ophiurida Müller & Troschel, 1840 sensu O'Hara et al., 2017
Genus: *Ophiomastus* Lyman, 1878
 716. *Ophiomastus tumidus* Koehler, 1897
Genus: *Ophiotrochus* Lyman, 1878

717. *Ophiotrochus panniculus* Lyman, 1878
Family: Ophiomusaidae O'Hara, Stöhr, Hugall, Thuy & Martynov, 2018
Genus: Ophiomusa Hertz, 1927
 718. *Ophiomusa relictus* (Koehler, 1904)
 719. *Ophiomusa scalare* (Lyman, 1878)
 720. *Ophiomusa simplex* (Lyman, 1878)
 721. *Ophiomusa valida* (Ljungman, 1872)
Family: Ophiopyrgidae Perrier, 1893
Genus: Aspidophiura Matsumoto, 1915
 722. *Aspidophiura forbesi* (Duncan, 1879)
Family: Ophiosphalmidae O'Hara, Stöhr, Hugall, Thuy & Martynov, 2018
Genus: Ophiosphalma H.L. Clark, 1941
 723. *Ophiosphalma armigerum* (Lyman, 1878)
 724. *Ophiosphalma elegans* (Koehler, 1897)
 725. *Ophiosphalma familiare* (Koehler, 1897)
 726. *Ophiosphalma glabrum* (Lütken & Mortensen, 1899)
Family: Astrophiuridae Sladen, 1879
Genus: Astrophiura Sladen, 1879
 727. *Astrophiura tiki* Litvinova & Smirnov, 1981
Family: Ophiopyrgidae Perrier, 1893
Genus: Amphiophiura Matsumoto, 1915
 728. *Amphiophiura insolita* (Koehler, 1904)
 729. *Amphiophiura ornata* (Lyman, 1878)
 730. *Amphiophiura paupera* (Koehler, 1897)
 731. *Amphiophiura radiata* (Lyman, 1878)
 732. *Amphiophiura sculptilis* (Lyman, 1878)
 733. *Amphiophiura sordida* (Koehler, 1897)
Genus: Ophiophyllum Lyman, 1878
 734. *Ophiophyllum minimum* Stöhr, Sautya & Ingole, (2012)
Genus: Ophioplinthus Lyman, 1878
 735. *Ophioplinthus inflata* (Koehler, 1897)
Genus: Ophiopyrgus Lyman, 1878
 736. *Ophiopyrgus alcocki* Koehler, 1897
Genus: Ophiuroglypha Hertz, 1927
 737. *Ophiuroglypha irrorata irrorata* (Lyman, 1878)
 738. *Ophiuroglypha kinbergi* (Ljungman, 1866)
Family: Ophiosphalmidae O'Hara, Stöhr, Hugall, Thuy & Martynov, 2018
Genus: Ophiolipus Lyman, 1878
 739. *Ophiolipus granulatus* Koehler, 1897
Family: Ophiuridae Müller & Troschel, 1840
Genus: Ophiura Lamarck, 1801
 740. *Ophiura (Dictenophiura) stellata* (Studer, 1882)
 741. *Ophiura aequalis* (Lyman, 1878)
 742. *Ophiura flagellata* (Lyman, 1878)
 743. *Ophiura undulata* (Lyman, 1878)

Selective References:

1. Clark, A.M. & Rowe, F.W. (1971) *Monograph of Shallow-water Indo-west Pacific Echinoderms*. Pitman Press, Bath, London, 238 pp.
2. Hyman, L.H. (1955) *The invertebrates: Echinodermata*. McGraw-Hill, New York, 763 pp.
3. James, D.B. (1989) Echinoderms of Lakshadweep and their Zoogeography. *Bulletin of Central Marine Fishery Research Institute*, 43, 97–144.
4. Samuel, V. K. D., Krishnan, P., Sreeraj, C. R., Chamundeeswari, K., Parthiban, C., Sekar, V., Patro, S., Saravanan, R., Abhilash, K. R., Ramachandran, P. & Ramesh, R. (2017). An Updated Checklist of Echinoderms from Indian Waters. *Zootaxa*, 4354(1), 1-68.
5. Sastry, D. R. K. (2007) Echinodermata of India: An Annotated List. *Records of Zoological Survey of India*, Occasional Paper No. 271, 1–387.
6. WoRMS: <https://www.marinespecies.org/>