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4.

LIST OF THE ECHINODERMATA.

By HUBERT LYMAN CLARK.

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ECHINODERMATA.

ASTEROIDEA.

EUASTEROIDEA.

PHANEROZONIA.

PORCELLANASTERIDAE.

1. CTENODISCUS CRISPATUS (Retzius) Dübén & Koren.

Asterias crispata Retzius, Dissert. Asterianum, 1805, p. 17.
"OCEANO INDICO."

Ctenodiscus corniculatus Duncan & Sladen, Echinod. Arctic Sea, 1881, p. 49, pl. 3, figs. 17-20.

Massachusetts Bay and northward; in 5 fathoms or more.¹

GONIASTERIDAE.

2. HIPPASTERIA PHRYGIANA (Parelius) Agassiz.

Verrill, Rept. U. S. fish comm. for 1883, 1885, pt. 11, p. 542, pl. 17, fig. 47.

Asterias phrygiana Parelius, K. Norske. vid. selsk. Skrifter, 1768, vol. 4, p. 423.

Cape Cod (off Chatham Light) and northward; in 20 fathoms or more.

CRYPTOZONIA.

SOLASTERIDAE.

3. SOLASTER ENDECA (Linné) Forbes.

Purple sun-star.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 556, pl. 3, figs. 12-13, pl. 4, fig. 23.

¹The statements regarding the geographical and bathymetrical distribution refer only to occurrences on the New England coast, which is considered as including the mainland shore, with the neighboring islands, ledges, banks, and shoals out to a depth of 50 fathoms. Only such species therefore as have been reported from less than 50 fathoms are included.

ASTEROIDEA.

CRYPTOZONIA.

SOLASTERIDAE.

Asterias endeca Linné Mantissa, 1771, p. 543. "IN OCEANO NORVEGICO."

Crab Ledge, off Chatham, Mass., and northward; low water mark (Maine and northward) to far beyond the 50 fathom line.

4. CROSSASTER PAPPOSUS (Linné) Müller & Troschel.

Common sun-star.

Duncan & Sladen, Echinod. Arctic Sea, 1881, p. 36, pl. 3, figs. 1-4.

Asterias papposa Linné, Syst. nat. ed. 12, 1767, p. 1098. "IN O. EUROPAEO & ASIATICO."

Massachusetts Bay and northward; low water mark (northerly) to far beyond the 50 fathom line.

PTERASTERIDAE.

5. PTERASTER PULVILLUS M. Sars.

M. Sars. Overs. Norges Echinod., 1861, p. 62, pl. 6, figs 14-18, pls. 7-8. "MANGER."

Off Isle of Shoals, N. H., in 35 fathoms.

6. PTERASTER MILITARIS (Müller) Müller & Troschel.

M. Sars, Overs. Norges Echinod., 1861, p. 48, pl. 3, figs. 8-9, pls. 4-6.

Asterias militaris Müller, Zool. Dan. Prod., 1776, p. 234.—

Massachusetts Bay and northward; in 10 fathoms or more.

ASTEROIDEA.

CRYPTOZONIA.

ECHINASTERIDAE.

7. CRIBRELLA PECTINATA Verrill.

Verrill, Proc. U. S. nat. mus., 1894, vol. 17, p. 278. "EAST-PORT, ME., IN SHALLOW WATER."

Eastport, Maine, "Shallow water (about 20 fathoms)" (Verrill).

8. CRIBRELLA SANGUINOLENTA (Müller) Lütken.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 555, pl. 3, figs. 10-11; pl. 4, fig. 22.

Asterias sanguinolenta Müller, Zool. Dan. Prod. 1776, p. 234. —

Off Connecticut and Rhode Island in the deeper, cooler water; common from Woods Hole, Mass., northward; low water mark to great depths.

STICHASTERIDAE.

9. STICHASTER ALBULUS (Stimpson) Verrill.

Duncan & Sladen, Echinod. Arctic Sea, 1881, p. 29, pl. 2, figs. 13-17.

Asteracanthion albulus Stimpson, Invert. Grand Manan, 1853, p. 14, pl. 1, fig. 5. "IN 4 OR 5 FATHOMS, ON THE EAST SIDE OF THE ISLANDS."

Eastport, Maine, and northward; low water mark to far beyond the 50 fathom line.

ASTERIIDAE.

10. ASTERIAS AUSTERA Verrill.

Verrill, Amer. journ. sci., 1895, ser. 3, vol. 49, p. 209. "33 TO 35 FATH. GEORGE'S BANK AND OFF CAPE COD."

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 555, pl. 2, figs. 8-9; pl. 4, figs. 18-19.

Crab Ledge, off Chatham, Mass., and northward; in 17-35 fathoms.

ASTEROIDEA.

CRYPTOZONIA.

ASTERIIDAE.

11. *ASTERIAS FORBESI* (Desor) Verrill.**Common starfish.**

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 552, pl. 1, figs. 1-2; pl. 4, figs. 14-15.

Asteracanthion forbesi Desor, Proc. Boston soc. nat. hist., 1848, vol. 3, p. 67. "EIGHT FATHOMS IN THE VINEYARD SOUND."

Long Island Sound to Casco Bay, Maine; low water mark to 27 fathoms.

12. *ASTERIAS LITTORALIS* (Stimpson) Verrill.

Verrill, Proc. Boston soc. nat. hist., 1866, vol. 10, p. 349.

Asteracanthion littoralis Stimpson, Invert. Grand Manan, 1853, p. 14. "MIDDLE REGION OF THE LITTORAL ZONE."

Casco Bay, Maine, and northward; low water mark to 23 fathoms.

13. *ASTERIAS TENERA* Stimpson.

Stimpson, Proc. Boston soc. nat. hist., 1862, vol. 8, p. 269. "IN TWENTY FATHOMS, IN MASSACHUSETTS BAY, TEN MILES SOUTH OF CAPE ANN."

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 554, pl. 2, figs. 5-7; pl. 4, figs. 20-21.

Asterias compta Stimpson, *op. cit.*, p. 270.

Cold water south of Rhode Island, east and north; in 10 fathoms or more.

14. *ASTERIAS VULGARIS* Verrill.**Northern starfish.**

Verrill, Proc. Boston soc. nat. hist., 1866, vol. 10, p. 347. "FROM CAPE COD AND SOUTH SHOALS, MASS., TO LABRADOR."

ASTEROIDEA

CRYPTOZONIA.

ASTERIIDAE.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 553, pl. 1, figs. 3-4; pl. 4, figs. 16-17.

Eastern part of Long Island Sound and northward; low water mark to far beyond the 50 fathom line.

OPHIUROIDEA.

OPHIURAE.

OPHIURIDAE.

15 (1). *OPHIURA BREVISPIA* Say.

Say, Journ. acad. nat. sci. Phil., 1825, vol. 5, p. 149. "THE COAST OF FLORIDA."

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 558, pl. 5, figs. 28-30; pl. 7, figs. 37-38.

North Falmouth, Buzzards Bay, Mass., and southward; low water mark to beyond the 50 fathom line.

OPHIOLEPIDIDAE.

16 (2). *OPHIOGLYPHA AFFINIS* (Lütken) Lyman.

Lyman, Ill. cat. [Mem.] mus. comp. zoöl., 1865, vol. 1, p. 52.

Ophiura affinis Lütken, Add. ad. hist. Oph., 1858, pt. 1, p. 45, pl. 2, figs. 10 *a, b*. "VED BOLLÆERENE OG VED ASGAARDSTRAND I CHRISTIANA FJORD PÅ 20-30 FAVNES DYBDE."

Casco Bay, Maine, and northward; in 20 fathoms or more.

17 (3). *OPHIOGLYPHA ROBUSTA* (Ayres) Lyman.

Lyman, Ill. cat. [Mem.] mus. comp. zoöl., 1865, vol. 1, p. 45.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 558, pl. 6, figs. 31-32; pl. 7, figs. 39-40.

Ophiolepis robusta Ayres, Proc. Boston soc. nat. hist., 1852, vol. 4, p. 134. "MASSACHUSETTS BAY."

OPHIUROIDEA.

OPHIURAE.

OPHIOLEPIDIDAE.

Crab Ledge off Chatham, Mass., and northward; low water mark (northerly) to far beyond the 50 fathom line.

18 (4). OPHIOGLYPHA SARSII (Lütken) Lyman.

Lyman, Ill. cat. [Mem.] mus. comp. zoöl., 1865, vol. 1, p. 41, figs. 2, 3.

Ophiura sarsii Lütken, Vid. meddel., 1854, nos. 4-7, p. 101. "BERGEN OG GODHAVN." Add. ad. hist. Oph., 1858, pt. 1, p. 42, pl. 1, figs. 3-4.

Massachusetts Bay and northward; in 15 fathoms or more.

AMPHIURIDAE.

19 (5). OPHIOPHOLIS ACULEATA (Linné) Gray.

Daisy brittle-star.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 559, pl. 5, figs. 24-27; pl. 7, figs. 41-42.

Asterias aculeata Linné, Syst. nat., ed. 12, 1767, vol. 1, p. 1101. "IN OCEANO."

Long Island Sound and northward; low water mark (northerly) to great depths.

20 (6). AMPHIPHOLIS SQUAMATA (Delle Chiaje) Verrill.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 560, pl. 6, figs. 33-34; pl. 7, figs. 43-44.

Asterias squamata Delle Chiaje, Mem., 1828, vol. 3, p. 77. —

Long Island Sound and northward; low water mark to beyond the 50 fathom line.

21 (7). AMPHIOPUS ABDITA (Verrill) Verrill.

Verrill, Trans. Conn. acad. sci., 1899, vol. 10, p. 314.

Amphiura abdita Verrill, Amer. journ. sci., 1871, ser. 3, vol.

OPHIUROIDEA

OPHIURAE.

AMPHIURIDAE.

2, p. 132. "OFF THIMBLE ISLANDS AND SAVIN ROCK, NEAR NEW HAVEN, IN 3 TO 6 FATHOMS, MUDDY BOTTOM." Invert. anim. Vineyard Sound, 1873, p. 720.

Long Island Sound; in 3-8 fathoms.

OPHIACANTHIDAE.

22 (8). OPHIACANTHA BIDENTATA (Retzius) Ljungman.

Ophiacantha spinulosa Lyman, Ill. cat. [Mem.] mus. comp. zoöl., 1865, vol. 1, p. 93, figs. 6-7.

Asterias bidentata Retzius, Dissert. Asterianum, 1805, p. 33. "MARI NORWEGICO."

Cascô Bay, Maine, and northward; in 15 fathoms or more.

EURYALAE.

GORGONOCEPHALIDAE.

23 (9). GORGONOCEPHALUS AGASSIZII (Stimpson) Lyman.

Basket-fish.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 561, pls. 6, figs. 35-36; pl. 7, figs. 45-47.

Astrophyton agassizii Stimpson, Invert. Grand Manan, 1853, p. 12. "GRAND MANAN... CORALINE ZONE."

Off Nantucket and northward; low water mark (northerly) to far beyond the 50 fathom line.

ECHINOIDEA.

EUECHINOIDEA.

DIADEMATOIDEA.

ECHINOMETRIDAE.

24 (1). STRONGYLOCENTROTUS DRÖBACHIENSIS (O. F. Müller)
A. Agassiz.

Green sea-urchin.

A. Agassiz, Rev. Echini, 1872, p. 162, 277; pl. 4^a, figs. 2-4.

ECHINOIDEA.

EUECHINOIDEA.

DIADEMATOIDA.

ECHINOMETRIDAE.

Echinus dröbachiensis O. F. Müller, Zool. Dan. Prod., 1776, p. 235. —

Long Island Sound and northward; low water mark (northerly) to far beyond the 50 fathom line.

ARBACIIDAE.

25 (2). *ARBACIA PUNCTULATA* (Lamarck) Gray.

Common sea-urchin.

A. Agassiz, Rev. Echini, 1872, p. 91, 263, pl. 2, fig. 4.

Echinus punctulatus Lamarck Anim. sans Vert., 1816, vol. 3, p. 47. "L'Océan des Grandes-Indes."

Off Sankaty Head, Nantucket, through Vineyard and Long Island Sounds, and southward; low water mark to beyond the 50 fathom line.

CLYPEASTROIDA.

SCUTELLIDAE.

26 (3). *ECHINARACHNIUS PARMA* (Lamarck) Gray.

Sand-dollar.

A. Agassiz, Rev. Echini, 1872, p. 107, 316, pl. 11^e, figs. 4-5.

Scutella parma Lamarck, Anim. sans Vert. 1816, vol. 3, p. 11. "L'Océan des Indes."

Long Island Sound and northward; low water mark to far beyond the 50 fathom line.

27 (4). *MELLITA PENTAPORA* (Gmelin) Lütken.

Key-hole urchin.

Echinus pentaporus Gmelin, Syst. nat., 1788, vol. 1, pt. 6, p. 3189.

Mellita testudinata Klein. A. Agassiz, Rev. Echini, 1872, p. 141, 322, pl. 12^e, figs. 1-2.

ECHINOIDEA.

CLYPEASTROIDA.

SCUTELLIDAE.

Vineyard Sound and Nantucket Shoals and southward; shallow water.

HOLOTHURIOIDEA.

ACTINOPODA.

DENDROCHIROTAE.

28 (1). *CUCUMARIA CALCIGERA* (Stimpson) Selenka.

Duncan & Sladen, Echinod. Arctic Sea, 1881, p. 5, pl. 1, figs. 3-8.

Pentacta calcigera Stimpson, Proc. Boston soc. nat. hist., 1851, vol. 4, p. 67.—

Massachusetts Bay and northward; in 7 fathoms or more.

29 (2). *CUCUMARIA FRONDOSA* (Gunnerus) Forbes.**Sea-cucumber.**

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 566, pl. 11, figs. 65-66; pl. 12, figs. 76-80.

Holothuria frondosa Gunnerus, K. vet. akad. Handl., 1767, vol. 28, p. 115, pl. 4, figs. 1-2.

Off Sankaty Head, Nantucket, and northward; low water (northerly) to far beyond the 50 fathom line.

30 (3). *CUCUMARIA MINUTA* (Fabricius) Lütken.

Danielssen & Koren, Norw. North Atl. exp., 1882, p. 77, 81, pl. 13, fig. 2.

Holothuria minuta Fabricius, Fauna Groenlandica, 1780, p. 354. "AD LITTORA MARIS IN FUNDO ARENOSO."

Eastport, Maine and northward; in 1 fathom or more.

31 (4). *CUCUMARIA PULCHERRIMA* (Ayres) Lampert.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 567, pl. 11, fig. 70; pl. 12, figs. 81-85.

HOLOTHURIOIDEA.

ACTINOPODA.

DENDROCHIROTAE.

Pentamera pulcherrima Ayres, Proc. Boston, soc. nat. hist. 1852, vol. 4, p. 207. "NEAR FORT JOHNSON, S. C."

Buzzard's Bay and Vineyard Sound, Mass. The only New England specimens known have been found on beaches after storms.

32 (5). *THYONE BRIAREUS* (Lesueur) Selenka.

Common Thyone.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 567, pl. 11, fig. 67; pl. 13, figs. 95-102.

Holothuria briareus Lesueur, Journ. acad. nat. sci. Phil., 1824, vol. 4, p. 161. "COAST OF FLORIDA."

Vineyard Sound, Buzzards Bay, Mass., and southward; low water to 10 fathoms.

33 (6). *THYONE ELONGATA* (Ayres) Lampert.

Lampert, Die see walzen — Holothurioidea, 1885, p. 159.

Thyonidium elongatum Ayres, Proc. Boston soc. nat. hist., 1851, vol. 4, p. 60. "GEORGE'S BANK. . . . THIRTY FATHOMS."

?Massachusetts Bay.

34 (7). *THYONE SCABRA* Verrill.

Verrill, Amer. journ. sci., 1873, ser. 3, vol. 5, p. 100. "NEAR ST. GEORGE'S BANKS, IN 110 AND 150 FATHOMS."

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 568, pl. 11, fig. 71; pl. 13, figs. 91-94.

Narragansett Bay and northward; in 10 fathoms or more.

35 (8). *THYONE UNISEMITA* (Stimpson) Ludwig.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 569, pl. 11, figs. 68-69; pl. 12, figs. 86-90.

HOLOTHURIOIDEA.

ACTINOPODA.

DENDROCHIROTAE.

Anaperus unisemita Stimpson, Proc. Boston soc. nat. hist., 1851, vol. 4, p. 8. "GRAND BANK, AND THE COAST OF NEW ENGLAND."

Narragansett Bay, South Shoals of Nantucket, and northward; in 10 fathoms or more.

36 (9). *THYONIDIUM PRODUCTUM* (Ayres) Stimpson.

Stimpson, Invert. Grand Manan, 1853, p. 17.

Duasmiodactyla producta Ayres, Proc. Boston soc. nat. hist., 1852, vol. 4, p. 244. "EASTPORT, ME."

Eastport, Maine (Ayres), Casco Bay, Maine (Kingsley).
Depth?

37 (10). *THYONIDIUM PELLUCIDUM* (O. F. Müller) Düben & Koren.

Düben & Koren, Kgl. vet.-akad. Handl. för 1844, 1846, p. 303, pl. 4, figs. 15-17, pl. 11, fig. 57.

Holothuria pellucida O. F. Müller, Zool. Dan. Prod., 1806, vol. 4, p. 17, pl. 135, fig. 1. "IN ARVENOSIS SUBMARINIS LOCIS IN NORLANDIA."

Casco Bay, Maine (Kingsley, as *Thyonidium hyalinum*).
Depth?

38 (11). *PSOLUS PHANTAPUS* (Strussenfeldt) Forbes.

Forbes, Hist. Brit. Starfishes, 1841, p. 203, fig.

Holothuria phantapus Strussenfeldt, Abh. kgl. Schurd. akad., wiss., 1767, vol. 27, p. 268-275, pl. 10. "ZWISCHEN LANDSKRONA UND HWEN."

Massachusetts Bay, and northward; low water mark to far beyond the 50 fathom line.

39 (12). *PSOLUS FABRICII* (Düben & Koren) Lütken.

Kingsley, Mem. Peabody acad. sci., 1881, vol. 1, p. 1-14, pl. 1, figs. 1-5; pl. 2, figs. 6-12.

HOLOTHURIOIDEA.

ACTINOPODA.

DENDROCHIROTAE.

Cuvieria fabricii Düben & Koren, Kgl. vet.-akad. Handl. för 1844, 1846, p. 316. —

Massachusetts Bay and northward; low water mark (northerly) to far beyond the 50 fathom line.

40 (13). *PSOLUS SQUAMATUS* (O. F. Müller) Lütken.

Holothuria squamata O. F. Müller Zool. Dan. Prod., 1776, p. 232. —

Cuvieria squamata O. F. Müller. Düben & Koren, Kgl. vet.-akad. Handl. för 1844, 1846, p. 315, pl. 4, figs. 35-41.

? Massachusetts Bay and northward; in 20 fathoms or more.

MOLPADIIDAE.

41 (14). *CAUDINA ARENATA* (Gould) Stimpson.

Gerould, Proc. Boston soc. nat. hist., 1896, vol. 27, p. 7-74, pls. 1-8. Bull. Mus. comp. zoöl., 1896, vol. 29, p. 121-190, pls. 1-8.

Chirodota arenata Gould, Invert. Mass., 1841, p. 346, fig. "CHELSEA BEACH."

Cuttyhunk Island, Mass., and northward; low water mark to 18½ fathoms.

42 (15). *TROCHOSTOMA OÖLITICUM* (Pourtales) Danielssen and Koren.

Clark, Bull. U. S. fish comm. for 1902, 1904, vol. 22, p. 570, pl. 11, fig. 72; pl. 13, figs. 105-108.

Chirodota oolitica Pourtales, Proc. Amer. ass. adv. sci. for 1851, 1851, p. 13. "ATLANTIC COAST OF THE UNITED STATES . . . STOMACHS OF FISHES."

Off Block Island and northward; in 18 fathoms or more.

43 (16). *TROCHOSTOMA TURGIDUM* (Verrill) Théel.

Molpadia turgida Verrill, Amer. journ. sci., 1879, ser. 3, vol.

HOLOTHURIOIDEA.

ACTINOPODA.

MOLPADIIDAE.

17, p. 473. "BAY OF FUNDY, . . . MASSACHUSETTS BAY, 40-100 FATH., SOFT MUD, . . . GULF OF MAINE, . . . CASCO BAY . . . OFF NOVA SCOTIA, . . . GULF OF ST. LAWRENCE."

Massachusetts Bay and northward; in 40 fathoms or more.

PARACTINOPODA.

SYNAPTIDAE.

44 (17). *SYNAPTA INHAERENS* (O. F. Müller) Dübén & Koren

Common Synapta.

Clark, Bull. U. S. fish comm. for 1899, 1901, vol. 19, p. 23, pl. 10, fig. 3, pl. 11, figs. 1, 3, 5, 7.

Holothuria inhaerens O. F. Müller, Zool. Dan. Prod. 1776, p. 232.—

Long Island Sound and northward; low water mark to far beyond the 50 fathom line.

45 (18). *SYNAPTA ROSEOLA* (Verrill) Théel.

Clark, Bull. U. S. fish comm. for 1899, 1901, vol. 19, p. 24, pl. 10, figs. 1-2, pl. 11, figs. 2, 4, 6, 8.

Leptosynapta roseola Verrill, Invert. anim. Vineyard Sound, 1873, p. 716. "LONG ISLAND SOUND, AT SAVIN ROCK, NEAR NEW HAVEN; VINEYARD SOUND, AT NAUSHON ISLAND; IN SAND AT LOW-WATER MARK."

Cape Cod and southward; near low water mark.

46 (19). *CHIRIDOTA LAEVIS* (Fabricius) Grube.

Duncan & Sladen, Echinod. Arctic Sea, 1881, p. 12, pl. 1, figs. 14-19.

Holothuria laevis Fabricius, Fauna Groenlandica, 1780, p. 353. "AD SCUPULOS MARIS IN FUNDO ARGILLOSO."

Massachusetts Bay and northward; low water mark to 45 fathoms.

ECHINODERMATA.

	Me.	N. H.	Mass.	R. I.	Conn.
<i>Ctenodiscus crispatus</i>	+		+		
<i>Hippasteria phrygiana</i>	—		+		
<i>Solaster endeca</i>	+		+		
<i>Crossaster papposus</i>	+		+		
<i>Pteraster pulvillus</i>		—			
<i>militaris</i>	—		—		
<i>Cribrella pectinata</i>	—				
<i>sanguinolenta</i>	+		+	—	—
<i>Stichaster albulus</i>	+				
<i>Asterias austera</i>			—		
<i>forbesi</i>	+		+	—	+
<i>littoralis</i>	+				
<i>tenera</i>	—		—	—	
<i>vulgaris</i>	+		+	—	+
<i>Ophiura brevispina</i>			—		—
<i>Ophioglypha affinis</i>	—				
<i>robusta</i>	+		+		
<i>sarsii</i>	+		+		
<i>Ophiopholis aculeata</i>	+		+	+	+
<i>Amphipholis squamata</i>	+		—	—	
<i>Amphiplus abdita</i>					+
<i>Ophiacantha bidentata</i>	—				
<i>Gorgonocephalus agassizii</i>	+		—		
<i>Strongylocentrotus dröbachiensis</i>	+		+	—	—
<i>Arbacia punctulata</i>			+	—	+
<i>Echinarachnius parma</i>	+		+	+	+
<i>Mellita pentapora</i>			—		
<i>Cucumaria calcigera</i>	—		+		
<i>frondosa</i>	+		+		
<i>minuta</i>	—				
<i>pulcherrima</i>			—		
<i>Thyone briareus</i>			+		—
<i>elongata</i>			—		
<i>scabra</i>			—	—	
<i>unisemita</i>			+	—	
<i>Thyonidium productum</i>	—				
<i>pellucidum</i>	—				
<i>Psolus phantapus</i>	—		+		
<i>fabricii</i>	+		+		
<i>squamatus</i>	—				
<i>Caudina arenata</i>			+		

ECHINODERMATA.

	Me.	N	H.	Mass.	R. I.	Conn.
Trochostoma oöliticum				—		—
turgidum	—			—		
Synapta inhaerens				+		+
roseola				—		—
Chiridota laevis	+			—		