



Catalog of Tunicate Type  
Specimens in the United States  
National Museum Collections

LINDA L. COLE

SMITHSONIAN CONTRIBUTIONS TO ZOOLOGY • NUMBER 487

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## ABSTRACT

Cole, Linda L. Catalog of Tunicate Type Specimens in the United States National Museum Collections. *Smithsonian Contributions to Zoology*, number 487, 12 pages, 1989.—This catalog includes holotypes, paratypes, and syntypes of tunicate species deposited in the United States National Museum Collections, which are in the National Museum of Natural History, Smithsonian Institution. It also includes whole-mount slides as noted. For types other than holotypes, the number of specimens is noted. As of January 1988, the tunicate type collection of the National Museum consists of 256 lots and approximately 500 specimens. The catalog lists types in alphabetical order according to genus and species by the originally assigned names; changes in nomenclature are noted. Preceding the alphabetical type list is a systematic listing of the types, by originally assigned names only.

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# Catalog of Tunicate Type Specimens in the United States National Museum Collections

*Linda L. Cole*

## Introduction

The United States National Museum (USNM), Smithsonian Institution, was established not only for the public viewing of objects, but also for the benefit of scientific knowledge and the classification of organisms.

In 1968, almost 100 years after the United States National Museum was established, its collections were divided between two twentieth-century museums: the National Museum of Natural History (NMNH) and the National Museum of History and Technology (now the National Museum of American History). At this point the USNM ceased to exist as an organizational entity, but the USNM name continued to be applied to the collections for which NMNH assumed responsibility.

Most of the tunicate type specimens were collected during various expeditions funded by the Smithsonian. The collection also consists of tunicate type specimens from various other sources, such as the "Albatross" and "Fish Hawk," that were commissioned by the United States Bureau of Fisheries. Other types were generously donated by research teams and individual scientists.

Most of the types in this collection belong to the class Ascidiacea. However, the collection also includes types of pelagic tunicates, members of the classes Thaliacea and Appendicularia. All specimens belonging to the class Ascidiacea are now stored in alcohol, and all pelagic specimens have always been stored in formalin.

If an author listed a specimen as a "type" in a description, referring to the single specimen that was used to describe a species, in this listing the term has been changed to holotype. If an author listed a specimen as a cotype in a description and the author did not designate a holotype, in this listing the term

has been changed to syntype (the term currently recognized by the International Code of Zoological Nomenclature).

The systematic list in the present work follows the classification of Goodbody (1982), with allowances for the fact that many former type names are now junior synonyms of present-day species. In both the systematic listing and the alphabetical listing, junior synonyms are listed as though they were currently accepted. In the alphabetical listing, their senior synonyms are noted as commentary. Also in the alphabetical listing, taxa renamed because of particular revision are noted. In synonymies of either sort, specimens are listed by their original names and parenthetically by their current designation as well.

ACKNOWLEDGMENTS.—I am very grateful to Dr. A.T. Newberry (University of California, Santa Cruz), Dr. I. Goodbody (University of the West Indies), and M. Downey (formerly NMNH) for reading the manuscript and giving valuable suggestions and comments. I am also indebted to Dr. S. Cairns (NMNH) for his scientific advice and encouragement concerning the manuscript. A special thanks to Norman and Derrick Cole for their patience and understanding during preparation.

## Systematic Listing of Tunicate Types

### Class ASCIDIACEA

#### Order APLOUSOBRANCHIA

#### Family POLYCLINIDAE Verrill, 1871

#### Genus *Aplidium* Savigny, 1816

*Aplidium abyssum* Kott, 1969

*Aplidium balleniae* Monniot and Monniot, 1983

*Aplidium bilinguae* Monniot and Monniot, 1983

*Aplidium gracile* Monniot and Monniot, 1983

*Aplidium miripartum* Monniot and Monniot, 1983

*Aplidium pellucidum* Kott, 1971

*Aplidium siderum* Monniot and Monniot, 1983

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- Aplidium yezoense* Tokioka, 1967  
 Genus *Amaroucium* Milne Edwards, 1841 [= *Amaroecium* sensu Verrill and Smith, 1873; = *Amoroecium* sensu Verrill and Rathbun, 1879; = *Amaroucium* sensu Hartmeyer, 1909]  
*Amaroucium constellatum* Verrill, 1871  
 Genus *Psammaplidium* Herdman, 1886  
*Psammaplidium spauldingi* Ritter, 1907  
 Genus *Aplidiopsis* Lahille, 1890  
*Aplidiopsis amoyense* Tokioka, 1967  
 Genus *Polyclinum* Savigny, 1816  
*Polyclinum indicum* Sebastian, 1952  
*Polyclinum johnsoni* Monniot and Monniot, 1989  
 Genus *Synoicum* Phipps, 1774  
*Synoicum ostenor* Monniot and Monniot, 1983  
*Synoicum ramulosum* Kott, 1969  
*Synoicum tentaculatum* Kott, 1969  
 Genus *Ritterella* Harant, 1931  
*Ritterella mirifica* Monniot and Monniot, 1983  
*Ritterella rubra* Abbott and Trason, 1968  
 Genus *Euherdmania* Ritter, 1904  
*Euherdmania morgani* Millar and Goodbody, 1974  
 Genus *Placentela* Redikorzev, 1913  
*Placentela translucida* Kott, 1969
- Family DIDEMNIDAE Verrill, 1871  
 Genus *Didemnum* Savigny, 1816  
*Didemnum fusiferum* Van Name, 1921  
*Didemnum macrospiculatum* Tokioka, 1967  
*Didemnum nekozita* Tokioka, 1967  
*Didemnum opacum* Ritter, 1907  
*Didemnum santa elenae* Van Name, 1945  
*Didemnum siphonale* Tokioka, 1967  
*Didemnum sphaericum* Tokioka, 1967  
*Didemnum studeri* Hartmeyer, 1911  
 Genus *Didemnopsis* Hartmeyer, 1903  
*Didemnopsis jolense* Van Name, 1918  
 Genus *Leptoclinides* Bjerkan, 1905  
*Leptoclinides hawaiiensis* Tokioka, 1967  
 Genus *Diplosoma* MacDonald, 1859  
*Diplosoma antarcticum* Kott, 1969  
 Genus *Echinoclinum* Van Name, 1902  
*Echinoclinum philippinense* Tokioka, 1967
- Family POLYCTORIDAE Michaelsen, 1904  
 Genus *Eudistoma* Caullery, 1909  
*Eudistoma albatrossi* Tokioka, 1967  
*Eudistoma carolinense* Van Name, 1945  
*Eudistoma marianense* Tokioka, 1967  
*Eudistoma mexicanum* Van Name, 1945  
*Eudistoma platense* Van Name, 1945  
*Eudistoma hepaticus* Van Name, 1921  
 Genus *Hypodistoma* Tokioka, 1967  
*Hypodistoma palauense* Tokioka, 1970  
 Genus *Clavelina* Savigny, 1816  
*Clavelina puertosecensis* Millar and Goodbody, 1974  
 Genus *Holozoa* Lesson, 1830  
*Holozoa bursata* Van Name, 1921  
*Holozoa domuncula* Hartmeyer, 1913  
 Genus *Protoholozoa* Kott, 1969  
*Protoholozoa lilium* Monniot and Monniot, 1981  
*Protoholozoa pedunculata* Kott, 1969  
 Genus *Hypsistozoa* Brewin, 1953  
*Hypsistozoa obscura* Kott, 1969  
 Genus *Distaplia* Della Valle, 1881  
*Distaplia megathorax* Monniot and Monniot, 1981  
*Distaplia smithi* Abbott and Trason, 1968
- Order PHLEBOBRANCHIA  
 Family CIONIDAE Lahille, 1887  
 Genus *Ciona* Fleming, 1822  
*Ciona pomponiae* Monniot and Monniot, 1989  
 Genus *Ciallusia* Van Name, 1918  
*Ciallusia longa* Van Name, 1918  
 Genus *Mysterascidia* Monniot and Monniot, 1981  
*Mysterascidia symmetrica* Monniot and Monniot, 1981  
 Genus *Dimeatus* Monniot and Monniot, 1981  
*Dimeatus mirus* Monniot and Monniot, 1981
- Family OCTACNEMIDAE Herdman, 1888  
 Genus *Octacnemus* Moseley, 1876  
*Octacnemus herdmani* Ritter, 1906  
 Genus *Benthascidia* Ritter, 1907  
*Benthascidia michaelseni* Ritter, 1907  
 Genus *Cibacapsa* Monniot and Monniot, 1983  
*Cibacapsa gulosa* Monniot and Monniot, 1983  
 Genus *Situla* Vinogradova, 1969  
*Situla rineharti* Monniot and Monniot, 1989
- Family PEROPHORIDAE Giard, 1872  
 Genus *Perophora* Wiegmann, 1835  
*Perophora regina* Goodbody and Cole, 1987  
*Perophora viridis* Verrill, 1871  
 Genus *Ecteinascidia* Herdman, 1880  
*Ecteinascidia tortugensis* Plough and Jones, 1937
- Family ASCIDIIDAE Herdman, 1880  
 Genus *Ascidia* Linnaeus, 1767  
*Ascidia caguayensis* Millar and Goodbody, 1974  
*Ascidia callosa* Stimpson, 1852  
*Ascidia clementea* Ritter, 1907  
*Ascidia fusca* Monniot and Monniot, 1989  
*Ascidia papillosa* Tokioka, 1967  
*Ascidia xamaycana* Millar and Goodbody, 1974  
 Genus *Phallusia* Savigny, 1816  
*Phallusia unalaskensis* Ritter, 1913  
*Phallusia vermiformis* Ritter, 1913
- Family CORELLIDAE Lahille, 1888  
 Genus *Corynascidia* Herdman, 1882  
*Corynascidia herdmani* Ritter, 1913



- Genus *Chelyosoma* Broderip and Sowerby, 1830  
*Chelyosoma producta* Stimpson, 1864
- Family AGNESIIDAE Huntsman, 1912
- Genus *Agnesia* Michaelsen, 1898  
*Agnesia beringia* Ritter, 1913  
*Agnesia biscoei* Monniot and Monniot, 1983  
*Agnesia tenue* Monniot and Monniot, 1983
- Genus *Adagnesia* Kott, 1963  
*Adagnesia antarctica* Kott, 1969  
*Adagnesia henriquei* Monniot and Monniot, 1983
- Genus *Caenagnesia* Årnback, 1938  
*Caenagnesia schmitti* Kott, 1969
- Order STOLIDOBRANCHIA
- Family STYELIDAE Sluiter, 1895
- Subfamily BOTRYLLINAE Adams and Adams, 1858
- Genus *Botryllus* Gaertner, 1774  
*Botryllus compositus* Tokioka, 1967
- Genus *Botrylloides* Milne Edwards, 1841  
*Botrylloides violaceus marginatus* Tokioka, 1967
- Subfamily STYELINAE Herdman, 1881
- Genus *Diandrocarpa* Van Name, 1902 [= *Symplegma* Herdman, 1886]  
*Diandrocarpa brakenhielmi* var. *stuhmanni* Michaelsen, 1904
- Genus *Polyandrocarpa* Michaelsen, 1904  
*Polyandrocarpa floridana* Van Name, 1921  
*Polyandrocarpa sabanilla* Van Name, 1921
- Genus *Stolonica* Lacaze-Duthiers and Delage, 1892  
*Stolonica styeliformis* Van Name, 1918  
*Stolonica vesicularis* Van Name, 1918
- Genus *Polycarpa* Heller, 1877 [= *Pandocia* Fleming, 1822]  
*Polycarpa melanosiphonica* Tokioka, 1967  
*Pandocia albatrossi* Van Name, 1912  
*Pandocia nigricans* Heller, 1877
- Genus *Oligocarpa* Hartmeyer, 1911  
*Oligocarpa megalorchis* Hartmeyer, 1911
- Genus *Cnemidocarpa* Huntsman, 1913  
*Cnemidocarpa chinensis* Tokioka, 1967  
*Cnemidocarpa victoriae* Monniot and Monniot, 1983
- Genus *Styela* Fleming, 1822  
*Styela hemicaespitosa* Ritter, 1913  
*Styela izuana hawaiiensis* Tokioka, 1967  
*Styela macreteron* Ritter, 1913  
*Styela materna* Monniot and Monniot, 1983  
*Styela psoliformis* Monniot and Monniot, 1989  
*Styela sabulifera* Ritter, 1913  
*Styela schmitti* Van Name, 1945  
*Styela tinaktae* Van Name, 1918
- Genus *Tethyum* Bohadsch, 1761  
*Tethyum atlanticum* Van Name, 1912
- Family PYURIDAE Hartmeyer, 1908
- Genus *Pyura* Molina, 1782  
*Pyura antillarum* Van Name, 1921  
*Pyura duplicata* Van Name, 1918  
*Pyura inflata* Van Name, 1918  
*Pyura lycoperdon* Monniot and Monniot, 1983  
*Pyura multiruga* Monniot and Monniot, 1982  
*Pyura tunica* Kott, 1969
- Genus *Halocynthia* Verrill, 1879  
*Halocynthia haustor foliacea* Ritter, 1913  
*Halocynthia okai* Ritter, 1907  
*Halocynthia washingtonia* Ritter, 1913
- Genus *Boltenia* Savigny, 1816  
*Boltenia echinata* Ritter, 1907  
*Boltenia rubra* Stimpson, 1852
- Genus *Culeolus* Herdman, 1881  
*Culeolus easteri* Tokioka, 1967  
*Culeolus pinguis* Monniot and Monniot, 1982  
*Culeolus pyramidalis* Ritter, 1907  
*Culeolus sluiteri* Ritter, 1913  
*Culeolus tanneri* Verrill, 1885
- Genus *Microcosmus* Heller, 1878  
*Microcosmus nacreus* Van Name, 1912  
*Microcosmus transversus* Ritter, 1907
- Genus *Hartmeyeria* Ritter, 1913  
*Hartmeyeria chinensis* Tokioka, 1967  
*Hartmeyeria triangularis* Ritter, 1913
- Genus *Bathypora* Michaelsen, 1904  
*Bathypora goreau* Millar and Goodbody, 1974
- Genus *Ctenyura* Van Name, 1918  
*Ctenyura intermedia* Van Name, 1918
- Family MOLGULIDAE Lacaze-Duthiers, 1877
- Genus *Molgula* Forbes, 1848 [= *Caesira* Fleming, 1822]  
*Molgula estadose* Monniot and Monniot, 1983  
*Molgula habanensis* Van Name, 1945  
*Molgula oregonia* Ritter, 1913  
*Molgula pigalettae* Monniot and Monniot, 1983  
*Molgula platana* Van Name, 1945  
*Molgula regularis* Ritter, 1907  
*Caesira intumescens* Van Name, 1912  
*Caesira lutulenta* Van Name, 1912  
*Caesira martensii* Traustedt, 1885  
*Caesira robusta* Van Name, 1912  
*Caesira singularis* Van Name, 1912  
*Caesira verrilli* Van Name, 1912
- Genus *Molguloides* Huntsman, 1922  
*Molguloides cyclocarpa* Monniot and Monniot, 1982
- Genus *Halomolgula* Ritter, 1907  
*Halomolgula ovoida* Ritter, 1907
- Genus *Paramolgula* Traustedt, 1885  
*Paramolgula canioi* Monniot and Monniot, 1983
- Genus *Eugyrioides* Seeliger, 1906  
*Eugyrioides dalli* Ritter, 1913  
*Eugyrioides polyducta* Monniot and Monniot,

1983

Genus *Bostrichobranchnus* Traustedt, 1883*Bostrichobranchnus digonas* Abbott, 1951

## Class APPENDICULARIA

Family FRITILLARIDAE Seeliger, 1895

Genus *Fritillaria* Quoy and Gaimard, 1834*Fritillaria taeniogona* Tokioka, 1957Genus *Sinisteroffia* Tokioka, 1957*Sinisteroffia scrippsi* Tokioka, 1957

## Class THALIACEA

## Order DOLIOLIDA

Family DOLIOLIDAE Uljanin, 1884

Genus *Doliolina* Borgert, 1894*Doliolina obscura* Tokioka and Berner, 1958*Doliolina separata* Tokioka and Berner, 1958*Doliolina undulatum* Tokioka and Berner, 1958Genus *Doliopsoides* Krüger, 1939*Doliopsoides horizoni* Tokioka and Berner, 1958

## Order SALPIDA

Family SALPIDAE Franstedt, 1885

Genus *Salpa* Forskål, 1775*Salpa maxima tuberculata* Metcalf and Bell, 1918*Salpa younti* Van Soest, 1973Genus *Cyclosalpa* de Blainville, 1827*Cyclosalpa pinnata quadriluminis* Berner, 1955*Cyclosalpa strongylenteron* Berner, 1955Genus *Brooksia* van Soest, 1975*Brooksia berneri* van Soest, 1975Genus *Thalia* Browne, 1756*Thalia democratica* Forskål, 1775Genus *Traustedia* Metcalf and Bell, 1918*Traustedia multitentaculata bicristata* Metcalf and Bell, 1918

## Order PYROSOMIDA

Family PYROSOMIDAE

Genus *Pyrosoma* Peron, 1804*Pyrosoma atlanticum atlanticum* Metcalf and Hopkins, 1919*Pyrosoma atlanticum dipleurosoma* Metcalf and Hopkins, 1919*Pyrosoma atlanticum echinatum* Metcalf and Hopkins, 1919*Pyrosoma atlanticum hawaiiensis* Metcalf and Hopkins, 1919*Pyrosoma atlanticum paradoxum* Metcalf and Hopkins, 1919*Pyrosoma ellipticum* Metcalf and Hopkins, 1919*Pyrosoma hybridum* Metcalf and Hopkins, 1919*Pyrosoma paradoxum* Metcalf and Hopkins, 1919*Pyrosoma verticillatum cylindricum* Metcalf and Hopkins, 1919Alphabetical List of Tunicate Types and  
Noted Name Changes*Adagnesia antarctica* Kott, 1969:99, holotype, USNM 11966; 2 paratypes, USNM 11967, west of Macquarie Island, south Pacific Ocean.*Adagnesia henriquei* Monniot and Monniot, 1983:58-60, holotype, USNM 15317, Tierra del Fuego.*Agnesia beringia* Ritter, 1913:493, 9 syntypes, USNM 5689, eastern Bering Sea, Alaska. This species is a junior synonym of *Agnesia septentrionalis* Huntsman, 1911, which is the name that Van Name (1945) used. *Agnesia septentrionalis* is also the name that Van Name used when he identified a specimen (USNM 10633) in the United States National Museum. Ritter, however, did not agree that the two species were the same.*Agnesia biscoei* Monniot and Monniot, 1983:56-57, holotype, USNM 14493; 35 paratypes, USNM 14500, South Shetland Islands.*(Agnesia septentrionalis: see Agnesia beringia* Ritter, 1913.)*Agnesia tenue* Monniot and Monniot, 1983:57-58, holotype, USNM 14489; 2 paratypes, USNM 14494, Isla de Los Estados.*Amaroucium constellatum* Verrill, 1871:359, 30 syntypes, USNM 4642; 15 syntypes, USNM 102, Vineyard Sound, Massachusetts; 1 syntype, USNM 4643, Woods Hole, Massachusetts. In the original description of this species, the genus was spelled *Amouroucium*. The spelling was changed by Verrill and Smith (1873) to *Amaroecium*. In 1879 it was spelled *Amoroecium* in a publication by Verrill and Rathbun (1879:231), and Hartmeyer (1909) changed the spelling to *Amaroucium*. However, the practice within the last thirty years has been to refer to this genus using the original generic name *Aplidium* (Savigny, 1816). The name *Amaroucium* was used by Milne Edwards for any colony that was massive or capitate with zooids divided into three parts and more than 10 rows of stigmata (Milne Edwards, 1841). *Amaroucium* is now considered as only a subgenus of *Aplidium*; thus, *Amaroucium constellatum* is known as *Aplidium (Amaroucium) constellatum*.*Aplidiopsis amoyense* Tokioka, 1967:45, holotype, USNM 11529, probably vicinity of Amoy, China.*Aplidium abyssum* Kott, 1969:47, holotype, USNM 11970, Peru-Chile Trench.*Aplidium balleniae* Monniot and Monniot, 1983:13-14, 1 paratype, USNM 14504, Balleny Islands, Antarctica.*Aplidium bilinguae* Monniot and Monniot, 1983:14-15, holotype, USNM 14498, off Wilkes Land, Antarctica.*(Aplidium constellatum: see Amaroecium constellatum* Verrill, 1871.)*Aplidium gracile* Monniot and Monniot, 1983:17-18, holotype, USNM 14496; 12 paratypes, USNM 14503, off Tierra del Fuego.

- Aplidium miripartum* Monniot and Monniot, 1983:24–25, holotype, USNM 14486, off Antarctic Peninsula, Antarctica (64°47'30"S, 64°07'12"W).
- Aplidium pellucidum* Kott, 1971:11–82, holotype, USNM 12012, Chile.
- Aplidium siderum* Monniot and Monniot, 1983:28, holotype, USNM 14491, Antarctic Peninsula, Antarctica.
- (*Aplidium spauldingi*: see *Psammaplidium spauldingi* Ritter, 1907.)
- Aplidium yezoense* Tokioka, 1967:28, holotype, USNM 11802; 6 paratypes, USNM 11803, Hokkaido Island, Japan.
- Ascidia caguayensis* Millar and Goodbody, 1974:153–155, holotype, USNM 12286; 7 paratypes, USNM 12287, Port Royal, Jamaica.
- Ascidia callosa* Stimpson, 1852:228, 25 syntypes, USNM 5157, Maine. Traustedt (1883) decided that this species should be placed in a new genus that he named *Phallusia*, and for years, this species was referred to as *Phallusia callosa*. In more recent works, however, there has been a return to the original name and description (Van Name, 1945).
- Ascidia clementea* Ritter, 1907:32–35, 1 syntype, USNM 5309, San Clemente Island, California. The same applies for this species as for *A. callosa*; labelled *A. clementea*, then *P. clementea*, and once again *A. clementea*.
- Ascidia fusca* Monniot and Monniot, 1989, holotype, USNM 18248, off Isla Barla Bartholome, Galapagos Islands (00°03.91'N, 90°19.21'W).
- Ascidia papillosa* Tokioka, 1967:145–147, holotype, USNM 11732, Honshu, Japan.
- (*Ascidia unalaskensis*: see *Phallusia unalaskensis* Ritter, 1913.)
- (*Ascidia vermiformis*: see *Phallusia vermiformis* Ritter, 1913.)
- Ascidia xamaycana* Millar and Goodbody, 1974:150–152, 7 syntypes, USNM 12283, Discovery Bay, Jamaica.
- Bathypora goreauii* Millar and Goodbody, 1974:156–158, holotype, USNM 12292; 1 paratype, USNM 12293; 1 paratype, USNM 12294; 1 paratype, USNM 12295, Discovery Bay, Jamaica.
- Benthascidia michaelsoni* Ritter, 1907:24–32, 2 syntypes, USNM 5310, near San Diego, California.
- Boltenia echinata* Ritter, 1907:14–16, 1 syntype, USNM 5290; 1 syntype, USNM 5291, Point Loma Lighthouse, California.
- (*Boltenia ovifera*: see *Boltenia rubra* Stimpson, 1852.)
- Boltenia rubra* Stimpson, 1852:232, 30 syntypes, USNM 3206, Massachusetts Bay, Massachusetts. This species has been referred to by many different synonyms, as shown by Van Name (1945), but the name now used by most ascidian specialists is *Boltenia ovifera*, used by Hartmeyer (1903) with reference to his redescription of a species that was originally named *Vorticella ovifera* (Linnaeus, 1767).
- Bostrichobranchus digonas* Abbott, 1951:302–307, holotype, USNM 10976; 17 paratypes, USNM 10977, Saint George Sound, Florida.
- Botrylloides violaceus marginatus* Tokioka, 1967:160–162, holotype, USNM 11447; 1 paratype, USNM 11455, East Reef, Ngaremdiu, Palau Islands.
- Botryllus compositus* Tokioka, 1967:155–156, holotype, USNM 11709, Rangoon, Burma.
- Brooksia bernerii* van Soest, 1975:117–118, holotype, USNM 12686; 3 paratypes, USNM 12685 (31°41'N, 63°47'W); 1 paratype, USNM 12687 (32°00'N, 64°00'W), Bermuda.
- Caenagnesia schmitti* Kott, 1969:94–96, holotype, USNM 11968, Relay Bay, Ross Sea, Antarctica; 1 paratype, USNM 12262; 1 paratype, USNM 12365, Antarctic Peninsula, Antarctica.
- Caesira intumescens* Van Name, 1912:482–484, 1 syntype, USNM 669, Grand Bank, Newfoundland. This species, described by Van Name, was identical to a poorly described species that Macleay (1825) had previously described and named *Cystingia griffithsii*. Huntsman (1922b) transferred the species to *Molgula griffithsii*.
- Caesira lutulenta* Van Name, 1912:468–471, 1 syntype, USNM 3505, off Martha's Vineyard, Massachusetts. This species has been transferred to the genus *Molgula* by Hartmeyer (1914).
- Caesira martensii* Traustedt, 1885:19, 1 syntype, USNM 5557, northwest Australia. This species has been transferred to the genus *Molgula* by Sluiter (1900).
- Caesira robusta* Van Name, 1912:505–509, 2 syntypes, USNM 4034, Woods Hole, Massachusetts. This species has been transferred to the genus *Molgula* by Hartmeyer (1914).
- Caesira singularis* Van Name, 1912:518–520, 1 syntype, USNM 5598, Long Island Sound, Massachusetts. Van Name (1945) later agreed with Ärnäck Christie Linde's (1928) description of a new genus in which she named a new species, *Heterostigma separ*, that resembled Van Name's species. Van Name (1945) followed her course and from then on referred to this species as *Heterostigma singulare*. Current specialists seem to follow this course too, and so the name currently used is *H. singulare*.
- Caesira verrilli* Van Name, 1912:516–518, holotype, USNM 687, North Atlantic Ocean, southeast of Georges Bank. This species has been transferred to the genus *Molgula* by Hartmeyer (1923).
- Chelyosoma producta* Stimpson, 1864:153–161, holotype, USNM 3144, Puget Sound, Washington.
- Ciallusia longa* Van Name, 1918:124–126, holotype, USNM 6039; 1 paratype, USNM 18250, off Toccanhi Point, Sulu Archipelago, Philippines. The paratype was originally cataloged under the same USNM number as the holotype but the paratype was subsequently recataloged.
- Cibacapsa gulosa* Monniot and Monniot, 1983:50–53, holotype, USNM 14497, Ross Sea, Antarctica.

- Ciona pomponiae* Monniot and Monniot, 1989, holotype, USNM 18247, James Bay, off Isla San Salvador, Galapagos Islands (00°10.50'S, 90°53.25'W).
- Clavelina puertosecensis* Millar and Goodbody, 1974:143–146, holotype, USNM 12288, Rio Bueno, Jamaica; 1 paratype, USNM 12289; 1 paratype, USNM 12290; 1 paratype, USNM 12291, Discovery Bay, Jamaica.
- Cnemidocarpa chinensis* Tokioka, 1967:188–190, holotype, USNM 11799; 9 paratypes, USNM 11800, China. (*Cnemidocarpa rhizopus*: see *Styela sabulifera* Ritter, 1913.)
- Cnemidocarpa victoriae* Monniot and Monniot, 1983:73–74, holotype, USNM 14495 (with two slides), Falkland Islands; 1 paratype, USNM 14487, Isla de Los Estados.
- Corynascidia herdmani* Ritter, 1913:491–493, holotype, USNM 5683, Bering Sea, Alaska.
- Ctenyura intermedia* Van Name, 1918:71–73, holotype, USNM 6036; 10 paratypes, USNM 6035, between Negros and Siquijor, Philippines.
- Culeolus easteri* Tokioka, 1967:220–222, holotype, USNM 11769, off Marquesas Islands (0°50'00"N, 137°54'00"W).
- Culeolus pinguis* Monniot and Monniot, 1982:95–130, holotype, USNM 12918, Antarctic Peninsula, Antarctica.
- Culeolus pyramidalis* Ritter, 1907:16–18, 1 syntype, USNM 5294, near San Diego, California (33°10'N, 121°32'W); 1 syntype, USNM 5295, west of San Diego, California (32°54'N, 121°15'W).
- Culeolus sluiteri* Ritter, 1913:463–465, 2 syntypes, USNM 5688, just south of Aleutian Islands, Alaska. (*Culeolus suhmi*: see *Culeolus tanneri* Verrill, 1885.)
- Culeolus tanneri* Verrill, 1885:503–699, holotype, USNM 4944, off Nantucket, Massachusetts. Van Name (1945) mentioned that no sufficient characters separated the specimens that Verrill described and named *C. tanneri* from specimens that Herdman (1881) had described earlier and named *Culeolus suhmi*; this species is generally considered a junior synonym of *Culeolus suhmi* Herdman, 1881.
- Cyclosalpa pinnata quadriluminis* Berner, 1955:251–253, holotype, USNM 11284; 10 paratypes, USNM 11285, South of Point Conception and North of Sebastian Viscaino Bay of Baja California.
- Cyclosalpa strongyloenteron* Berner, 1955:247–251, holotype, USNM 11281, west of Isla Isabela, Galapagos Islands (4°56'N, 107°29'W); 1 paratype, USNM 11282, off Baja California, Pacific Ocean side; 10 paratypes, USNM 11283, west of Isla Isabela, Galapagos Islands (0°01.5'S, 99°08.5'W).
- Diandrocarpa brakenhielmi* var. *stuhlmanni* Michaelsen, 1904:50, 1 syntype, USNM 5556, Dar-es-Salaam, Tanganyika. This species is a junior synonym of *Symplegma viride* Herdman, 1886, which is the name that is currently used.
- Didemnopsis jolense* Van Name, 1918:147–148, holotype, USNM 6040; 1 paratype, USNM 5926, near Jolo Light, Philippines. Tokioka (1967) later treated this species as a variety of *Trididemnum savignii* instead of as a distinct species, thus listing it as *T. savignii* var. *jolense*. (*Didemnum candidum fusiferum*: see *Didemnum fusiferum* Van Name, 1921.)
- Didemnum fusiferum* Van Name, 1921:283–494, holotype, USNM 7006, Florida. Originally described as a species, but Van Name (1945) later regarded it as a subspecies of *D. candidum*. Thus, the taxon is currently known as *Didemnum candidum fusiferum*.
- Didemnum macrospiculatum*. Tokioka, 1967:71–72, holotype, USNM 11489; 1 paratype, USNM 11808, Onotoa Atoll, Gilbert Islands.
- Didemnum nekozita* Tokioka, 1967:67–70, holotype, USNM 11381; 34 paratypes, USNM 11801, barrier reef 8 miles northwest of Koror Island, Palau Islands; 10 paratypes, USNM 11418, Peleliu boat channel between Ngargersal and Kongauru Islands, Palau Islands.
- Didemnum opacum* Ritter, 1907:42–44, holotype, USNM 5297, San Nicolas Island, California.
- Didemnum santa elenae* Van Name, 1945:92–93, 3 syntypes, USNM 10493, Salinas, Ecuador.
- Didemnum siphonale* Tokioka, 1967:72–74, holotype, USNM 11804; 7 paratypes, USNM 11805, Honshu Island, Japan.
- Didemnum sphaericum* Tokioka, 1967:70–71, holotype, USNM 11431, 11 paratypes, USNM 11809, Palau Islands.
- Didemnum studeri* Hartmeyer, 1911:403–406, 3 syntypes, USNM 6099, Kerguelen Island, Indian Ocean.
- Dimeatus mirus* Monniot and Monniot, 1981, holotype, USNM 12911; 5 paratypes, USNM 12912 (with 2 slides), Pacific Antarctic Basin (60°24'S, 115°01'W).
- Diplosoma antarcticum* Kott, 1969:83, holotype, USNM 11969, Knox Coast, Vincennes Bay, Wilkes Land, Antarctica.
- Distaplia megathorax* Monniot and Monniot, 1981, holotype, USNM 12914, Ross Sea, Antarctica. (*Distaplia skoogi*: see *Holozoa domuncula* Hartmeyer, 1913.)
- Distaplia smithi* Abbott and Trason, 1968:143–153, holotype, USNM 11953, Carmel Cove, Monterey County, California; 11 paratypes, USNM 11954, Pescadero Point, Monterey County, California. (*Distaplia stylifera*: see *Holozoa bursata* Van Name, 1921.)
- Doliolina obscura* Tokioka and Berner, 1958:317–319, holotype, USNM 11371; 10 paratypes, USNM 11372, Peru (13°43'30"S, 81°08'30"W).
- Doliolina separata* Tokioka and Berner, 1958:319–320, 2 syntypes, USNM 11373, Peru (13°43'30"S, 81°08'30"W).
- Doliolina undulatum* Tokioka and Berner, 1958:137–138, holotype, USNM 11369; 4 paratypes, USNM 11370, Peru.
- Doliopsoides horizoni* Tokioka and Berner, 1958:135–137, 3 syntypes, USNM 11368, Peru.
- Echinoclinum philippinense* Tokioka, 1967:93–94, holotype, USNM 11790; 1 paratype, USNM 11791, Punta Natangol, Basilan Island, Philippines.

- Ecteinascidia tortugensis* Plough and Jones, 1937:100–101, 6 paratypes, USNM 10613, Dry Tortugas, Florida.
- Eudistoma albatrossi* Tokioka, 1967:124, holotype, USNM 11811, 1 paratype, USNM 11812, off Omai Zaki Light, Honshu, Japan.
- Eudistoma carolinense* Van Name, 1945:123–124, holotype, USNM 10497, Charleston, South Carolina.
- Eudistoma hepaticus* Van Name, 1921:348, 3 syntypes, USNM 239: 1 syntype, USNM 7009, Jamaica. The subgenus *Eudistoma* was given generic rank by Caullery (1909).
- Eudistoma marianense* Tokioka, 1967:122–123, holotype, USNM 11470; 1 paratype, USNM 11810, entrance of Tanapag Harbor, lagoon west of Saipan, Mariana Islands.
- Eudistoma mexicanum* Van Name, 1945:125–126, holotype, USNM 10647, northern end of Gulf of California.
- Eudistoma platense* Van Name, 1945:124–125, holotype, USNM 10496, near mouth of the La Plata River, Puerto Rico.
- Eugyrioides dalli* Ritter, 1913:441–443, 2 syntypes, USNM 5678, Kyska Harbor, Alaska. This species has been transferred to the genus *Pareugyrioides* by Hartmeyer (1914).
- Eugyrioides polyducta* Monniot and Monniot, 1983:115, holotype, USNM 15319 (with two slides), South Shetland Islands; 2 paratypes, USNM 14501, off Tierra del Fuego, South America.
- Euherdmania morgani* Millar and Goodbody, 1974:147–150, holotype, USNM 12284, South Knolls, west of Drunkenman Cay, Jamaica; 1 paratype, USNM 12285, Drunkenman Cay, Jamaica.
- Fritillaria taeniogona* Tokioka, 1957:363–364, 7 syntypes, USNM 11376, off Costa Rica and Peru.
- Halocynthia haustor foliacea* Ritter, 1913:447–448, 6 syntypes, USNM 5681, Oregon. This is a junior synonym of *Pyura haustor* (Stimpson, 1864).
- (*Halocynthia hilgendorfi igaboja*: see *Halocynthia okai* Ritter, 1907.)
- (*Halocynthia hispida*: see *Halocynthia okai* Ritter, 1907.)
- Halocynthia okai* Ritter, 1907:11–13, 1 syntype, USNM 5312, Point Pinos Light, California. Abbott and Newberry (1980) take this to be *Halocynthia hilgendorfi igaboja* Oka, 1906 (which Kott (1968) included in *Halocynthia hispida* Verrill, 1879).
- Halocynthia washingtonia* Ritter, 1913:445–446, 2 syntypes, USNM 5680, Strait of San Juan de Fuca, Washington. This is a junior synonym of *Pyura haustor* (Stimpson, 1864).
- Halomolgula ovoida* Ritter, 1907:3–8, 60 syntypes, USNM 5300; 3 syntypes, USNM 5301; 2 syntypes, USNM 5302, San Nicolas Island, California.
- Hartmeyeria chinensis* Tokioka, 1967:225–228, holotype, USNM 11806; 3 paratypes, USNM 11807, China, probably Amoy.
- Hartmeyeria triangularis* Ritter, 1913:461–463, 13 syntypes, USNM 5679, Kyska Harbor, Aleutian Islands, Alaska.
- (*Heterostigma singulare*: see *Caesira singularis* Van Name, 1912.)
- Holozoa bursata* Van Name, 1921:366, 2 syntypes, USNM 7240, Key West, Florida Keys, Florida. This is a junior synonym of *Distaplia stylifera* (Kowalevsky, 1874).
- Holozoa domuncula* Hartmeyer, 1913:125–144, 1 syntype, USNM 6111, Cape Colony, South Africa. This is a senior synonym of *Distaplia skoogi* Michaelsen, 1934.
- Hypodistoma palauense* Tokioka, 1970:75, holotype, USNM 11414, Iwayama Bay, Palau Islands.
- Hypsistozoa obscura* Kott, 1969:33–35, holotype, USNM 11975, Peru-Chile Trench.
- Leptoclinides hawaiiensis* Tokioka, 1967:92–93, holotype, USNM 11792; 2 paratypes, USNM 11793, Auau channel, between Maui and Lanai, Hawaii.
- (*Microcosmus glacialis*: see *Microcosmus nacreus* Van Name, 1912.)
- Microcosmus nacreus* Van Name, 1912:439–619, holotype, USNM 690, off Nova Scotia, Canada. This is a junior synonym of *Microcosmus glacialis* (Kiaer, 1893).
- Microcosmus transversus* Ritter, 1907:18–20, holotype, USNM 5303, San Nicolas Island, California.
- Molgula estadose* Monniot and Monniot, 1983:109, holotype, USNM 15322; 12 paratypes, USNM 13579; paratype (1 slide), USNM 15323, Tierra del Fuego, South America.
- (*Molgula griffithsii*: see *Caesira inuemesces* Van Name, 1912.)
- Molgula habanensis* Van Name, 1945:402–403, 8 paratypes, USNM 5810, off Havana, Cuba.
- (*Molgula lutulenta*: see *Caesira lutulenta* Van Name, 1912.)
- (*Molgula martensii*: see *Caesira martensii* Traustedt, 1885.)
- Molgula oregonia* Ritter, 1913:435–437, 11 syntypes, USNM 5682; 3 syntypes, USNM 5830, Oregon (44°28'N, 124°25'30"W).
- Molgula pigalettae* Monniot and Monniot, 1983:111, holotype (2 slides), USNM 15316, Tierra del Fuego, South America.
- Molgula platana* Van Name, 1945:405–406, 4 Paratypes, USNM 10494, near the mouth of the La Plata River, Argentina (36°42'S, 56°23'W).
- Molgula regularis* Ritter, 1907:8–11, 1 syntype, USNM 5304, Point Loma Light, California.
- (*Molgula robusta*: see *Caesira robusta* Van Name, 1912.)
- (*Molgula verrilli*: see *Caesira verrilli* Van Name, 1912.)
- Molguloides cyclocarpa* Monniot and Monniot, 1982:95–130, holotype, USNM 12904; 7 paratypes, USNM 12905, South Pacific Ocean (56°04'S, 133°59'W).
- Mysterascidia symmetrica* Monniot and Monniot, 1981, holotype, USNM 12910, Ross Sea, Antarctica.
- Octacnemus herdmani* Ritter, 1906:250, 3 syntypes, USNM 5149, off Ecuador (05°17'S, 85°20'W); 1 syntype, USNM 5151, off Ecuador (6°55'S, 83°34'W).

- Oligocarpa megalorchis* Hartmeyer, 1911:403, 1 syntype, USNM 6107, off Ecuador.
- Pandocia albatrossi* Van Name, 1912:579–580, 1 syntype, USNM 4726, off Nantucket Shoals, Massachusetts. This species was transferred to the genus *Polycarpa* by Hartmeyer (1923).
- Pandocia nigricans* Heller, 1877:241–275, 3 syntypes, USNM 5558, Mauritius, Africa. A senior synonym of *Polycarpa nigricans* Heller, 1878.
- Paramolgula canioi* Monniot and Monniot, 1983:117–119, holotype (2 slides), USNM 15320; 14 paratypes, USNM 14499, Chile.
- (*Pareugyrioides dalli*: see *Eugyrioides dalli*.)
- Perophora regina* Goodbody and Cole, 1987:246–254, holotype, USNM 16288; 1 paratype, USNM 16289; 2 paratypes, USNM 16290; 1 paratype, USNM 16291, Twin Cays, Belize.
- Perophora viridis* Verrill, 1871:359, 5 syntypes, USNM 3231, Woods Hole, Massachusetts.
- (*Phallusia callosa*: see *Ascidia callosa* Stimpson, 1852.)
- (*Phallusia clementea*: see *Ascidia clementea* Ritter, 1907.)
- Phallusia unalaskensis* Ritter, 1913:497–499, holotype, USNM 5685, mouth of Unalaska Island, Alaska. Ritter described this species during the period that ascidian specialists were following Traustedt's (1883) convention of placing all taxa of the genus *Ascidia* into a genus that he called *Phallusia*, as discussed above in the explanation of name changes for the genus *Ascidia*. As also discussed earlier, it was determined that the original generic name, *Ascidia*, was more appropriate for most taxa of this genus, and only a few are properly referable to *Phallusia*. This species is now recognized as *Ascidia unalaskensis* (Ritter).
- Phallusia vermiformis* Ritter, 1913:496–497, holotype, USNM 5792, off southern California (34°N, 119°29'30"). The same applies for this species as in the case of *P. unalaskensis*. The proper combination now recognized is *Ascidia vermiformis* (Ritter).
- Placentela translucida* Kott, 1969:42–44, holotype, USNM 11977; 2 paratypes, USNM 11978, Antarctic Peninsula, Antarctica.
- Polyandrocarpa floridana* Van Name, 1921:417, holotype, USNM 6959, west coast of Florida (29°43'40"N, 83°49'45"W).
- Polyandrocarpa sabanilla* Van Name, 1921:409, holotype, USNM 1559, Sabanilla, Colombia.
- (*Polycarpa albatrossi*: see *Pandocia albatrossi* Van Name, 1912.)
- Polycarpa melanosiphonica* Tokioka, 1967:178–180, holotype, USNM 11499, Onotoa Atoll, Gilbert Islands; 1 paratype, USNM 11508, lagoon west of Saipan, Mariana Islands.
- (*Polycarpa nigricans*: see *Pandocia nigricans* Heller, 1877.)
- (*Polycitor (Eudistoma) hepaticus*: see *Eudistoma hepaticus* Van Name, 1921.)
- Polyclinum indicum* Sebastian, 1952:316–317, 7 paratypes, USNM 11205, off Madras Coast, India.
- Polyclinum johnsoni* Monniot and Monniot, 1989, holotype, USNM 18247, off the north coast of Isla Fernandino, Galapagos Islands (00°15'16"S, 91°27.93'W).
- Polyclinum laxum* Van Name, 1945:71, 1 syntype, USNM 10498, Espíritu Santo Island, Brazil.
- Protoholozoa lilium* Monniot and Monniot, 1981, holotype, USNM 12916; 1 paratype, USNM 12917, South Atlantic Ocean (51°02'S, 142°47'W).
- Protoholozoa pedunculata* Kott, 1969:35–36, holotype, USNM 11976, Drake Passage, south of Tierra del Fuego, South America.
- Psammaplidium spauldingi* Ritter, 1907:41–42, holotype, USNM 5305, San Nicolas Island, California. The name was changed to *Amaroucium spauldingi* by Hartmeyer (1909). Because *Amaroucium* has come to be recognized as a subgenus of *Aplidium*, the taxon is currently referred to as *Aplidium spauldingi*.
- Pyrosoma atlanticum atlanticum* and *Pyrosoma atlanticum dipleurosoma* Metcalf and Hopkins, 1919:239–246, holotype, USNM 6471, Philippines.
- Pyrosoma atlanticum dipleurosoma* and *Pyrosoma paradoxum* Metcalf and Hopkins, 1919:249–251, holotype, USNM 6469 (hybrid); 1 paratype, USNM 6420, Capitancillo Island Light, off northern Cebu Island, Philippines.
- Pyrosoma atlanticum echinatum* Metcalf and Hopkins, 1919:257–258, holotype, USNM 6437, Mediterranean Sea.
- Pyrosoma atlanticum hawaiiensis* Metcalf and Hopkins, 1919:246–248, holotype, USNM 6443; 4 paratypes, USNM 3069, north Pacific Ocean, between Hawaii and California.
- Pyrosoma atlanticum paradoxum* Metcalf and Hopkins, 1919:248–249, holotype, USNM 6409, northwest of Hawaii (25°10'N, 166°20'W).
- Pyrosoma ellipticum* Metcalf and Hopkins, 1919:231–233, holotype, USNM 6416, vicinity of Formosa, China Sea.
- Pyrosoma hybridum* Metcalf and Hopkins, 1919:229–230, holotype, USNM 6470; 5 paratypes, USNM 6408, vicinity of Formosa, China Sea.
- Pyrosoma verticillatum cylindricum* Metcalf and Hopkins, 1919:227–229, holotype, USNM 6468; 1 paratype, USNM 6412, Nogas Island, Sulu Sea, vicinity of southern Panay, Philippines.
- Pyura antillarum* Van Name, 1921:451, holotype, USNM 7032, Lesser Antilles, Caribbean.
- Pyura duplicata* Van Name, 1918:79–81, holotype, USNM 6038, Catabalogan, Samar, Philippines.
- (*Pyura haustor*: see *Halocynthia haustor foliacea* Ritter, 1913 and *Halocynthia washingtonia* Ritter, 1913.)
- Pyura inflata* Van Name, 1918:74–76, holotype, USNM 6037, near Observation Island, Philippines.
- Pyura lycoperdon* Monniot and Monniot, 1983:91–92, holotype, USNM 14488, South Shetland Islands.
- Pyura multiruga* Monniot and Monniot, 1982, holotype,

- USNM 12906; 20 paratypes, USNM 12907 (with 7 slides); 1 paratype, USNM 12908 (tunic only), Ross Sea, Antarctica.
- Pyura tunica* Kott, 1969:137–138, holotype, USNM 11962; 27 paratypes, USNM 11963, Knox Coast, Vincennes Bay, Wilkes Land, Antarctica.
- Ritterella mirifica* Monniot and Monniot, 1983:34, holotype, USNM 14492, Bransfield Strait, Antarctic.
- Ritterella rubra* Abbott and Trason, 1968:143–147, holotype, USNM 11951; 20 paratypes, USNM 11952, Monterey County, California.
- Salpa maxima tuberculata* Metcalf and Bell, 1918:87–88, holotype, USNM 6472; 2 paratypes, USNM 6454, Pamilacan Island, vicinity of western Bohol, Philippines.
- Salpa younti* Van Soest, 1973:9–15, holotype, USNM 12014 (32°08'N, 63°47'W); 1 paratype, USNM 12015 (32°08'N, 63°47'W); 1 paratype, USNM 12016 (32°20'N, 63°33'W); 4 paratypes, USNM 12017; 2 paratypes, USNM 12018 (31°50'N, 63°52'W), Bermuda.
- Sinisteroffia scrippsi* Tokioka, 1957:359–362, 3 syntypes, USNM 11375, off Peru.
- Situla rineharti* Monniot and Monniot, 1989, holotype, USNM 18244, north of Seymour Island, Galapagos Islands (00°21.88'S, 90°15.75'W); 1 paratype, USNM 18245, Tower Island, Galapagos Islands (00°16.98'N, 89°59.81'W).
- Stolonica styeliformis* Van Name, 1918:107–109, 13 syntypes, USNM 6042, off Jolo Light, Philippines.
- Stolonica vesicularis* Van Name, 1918:109–111, holotype, USNM 6034, off Jolo Light, Philippines.
- (*Styela atlanticum*: see *Tethyum atlanticum* Van Name, 1912.)
- Styela hemicaespitosa* Ritter, 1913:471–475, holotype, USNM 5684; 7 paratypes, USNM 11627; 29 paratypes, USNM 11628, southern California.
- Styela izuana hawaiiensis* Tokioka, 1967:193–195, holotype, USNM 11794; 9 paratypes, USNM 11975, Oahu, Hawaii.
- Styela macreron* Ritter, 1913:466–471, holotype, USNM 5686, Bering Sea, Pribilof Islands, Alaska.
- Styela materna* Monniot and Monniot, 1983:81–82, holotype (three slides), USNM 15324, South Georgia Island, south Atlantic Ocean.
- Styela psoliformis* Monniot and Monniot, 1989, holotype, USNM 18246, north of Isla Española, Galapagos Islands (01°18.72'S, 89°48.81'W).
- Styela sabulifera* Ritter, 1913:475–476, 50 syntypes, USNM 5687, in Bristol Bay, Bering Sea, Alaska. Van Name (1945) lists this species as a junior synonym of *Cnemidocarpa rhizopus* (Redikorzev, 1907).
- Styela schmitti* Van Name, 1945:298–299, 5 paratypes, USNM 10495, off Montevideo, Uruguay (36°42'S, 56°23'W).
- Styela tinaktae* Van Name, 1918:88–91, holotype, USNM 6041; 1 paratype, USNM 18260, off Tinakta Island, Sulu Archipelago, Philippines.
- (*Symplegma viride*: see *Diandrocarpa brakenhielmi* var. *stuhlmanni* Michaelsen, 1904).
- Synoicum ostentor* Monniot and Monniot, 1983:33, holotype, USNM 14490; 100 paratypes, USNM 14502, Balleny Islands, Antarctica.
- Synoicum ramulosum* Kott, 1969:66–68, holotype, USNM 11971; 12 paratypes, USNM 11972, Knox Coast, Wilkes Land, Antarctica.
- Synoicum tentaculatum* Kott, 1969:69–70, holotype, USNM 11973; 1 paratype, USNM 11974, South Orkney Islands.
- Tethyum atlanticum* Van Name, 1912:552, 1 syntype, USNM 5599, off Martha's Vineyard, Massachusetts. This species has been transferred to the genus *Styela* by Van Name (1921).
- Thalia democratica* Forskål, 1775:112–117, holotype, USNM 6473; 1 paratype, USNM 6474, Luzon, Philippines.
- Traustedia multitentaculata bicristata* Metcalf and Bell, 1918:143–147, 1 syntype, USNM 6430, off Martha's Vineyard, Massachusetts.
- (*Trididemnum savignii* var. *jolense*: see *Didemnopsis jolense* Van Name, 1918.)

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