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MOLLUSCAN TAXA OF
ADDISON EMERY VERRILL
AND KATHARINE JEANNETTE BUSH,
INCLUDING THOSE INTRODUCED BY
SANDERSON SMITH AND
ALPHEUS HYATT VERRILL

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Abstract. All of the some 550 molluscan taxa introduced by Addison Emery Verrill, Katharine Jeannette Bush, Sanderson Smith, and Alpheus Hyatt Verrill are listed alphabetically. Most of the species occur in the north western Atlantic Ocean, but a few are from the Bermuda and Caribbean Islands and Lower California. Illustrations are provided of almost all of the previously unfigured types. Bibliographies of papers on mollusks by the several authors are included.

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HISTORICAL SECTION

Addison Emery Verrill, first professor of zoology at Yale University, was one of the leading figures in the third era of American conchology, which William H. Dall called the Stimpsonian Period after William Stimpson (1832-1872). "This period can hardly be said to have been introduced by an epoch-making work, but gradually the old methods were discarded for the new. This meant adopting radical changes in classification and welcoming the theory of evolution with all the light it shed in dark places" (Dall, 1888: 97). Stimpson was preparing a manual of the marine invertebrates from Maine to Georgia for the Smithsonian Institution based on the most extensive collection of eastern American invertebrates ever brought together, but it, along with the manuscript, was destroyed in the great Chicago fire of October 1871. Stimpson died the following year, only forty years old. It was Verrill who with the aid of his brother-in-law, Sidney Irving Smith, prepared a more geographically limited, but comprehensive manual, *Report upon the Invertebrate Animals of Vineyard Sound and adjacent waters* (1873). Verrill was to write extensively on the marine invertebrates of eastern North America based on subsequent collections made by the United States Fish Commission. Many of these works were exclusively on mollusks. Some, like those of Dall, were based on the spoils of Alexander Agassiz' expeditions on the government ships *Blake* and *Albatross* which Agassiz undertook at his own expense. When Dall wrote his paper, *Some American Conchologists* (1888), Stimpson, who was thirteen years his senior, was long dead "cut off early in his career showing more promise than accomplishment," but Dall could hardly have called the period after himself or Verrill, who were very much alive, and among its most accomplished members.

Verrill was born on his father's farm on Furlong Mountain in Greenwood, Maine on February 9, 1839, and was named for a close friend of his parents, Nathan Addison Emery, who died from a fall shortly thereafter. Verrill's parents, George

Washington Verrill and Lucy Hillborn, were both descended from Colonial families; the Verrill line from an ancestor who settled in Gloucester, Massachusetts about 1720 and the Hillborns from a Quaker who settled in Pennsylvania before 1688. As in many other old American families, some became entranced with their ancestors, especially as they correctly perceived that they were being outnumbered by newer arrivals as the nineteenth century advanced. Writing in this century, Verrill's son, George Elliot Verrill (1958) traced the Verrill name, and its variations, and concluded that the various branches of the family had a common progenitor, a Norman who came to England with William the Conqueror in 1066 and settled in Sussex County.

Interestingly, Verrill's sister, Lucy Ellen, married Henry Rust Mighels of Norway, Maine in 1866. He was the son of Dr. Jesse Wedgwood Mighels (1795-1861), the pioneer conchologist of Maine, whose collection of shells and books at the Portland Society of Natural History was destroyed in the Portland fire of 1854. During the 1840s he published several illustrated articles in the Boston Journal of Natural History describing new native shells (Johnson, 1949). Mighels returned from Cincinnati, Ohio to Norway, Maine in 1857 where he remained until his death. He must have been known to young Verrill.

Addison's interest in marine zoology is said to have been awakened by his grandfather Hillborn who took him for a walk along the sea shore at Cape Elizabeth, near Portland, Maine when he was ten years old and told him the vernacular names of the invertebrates which they found. His real passion at this age became minerals and he secured copies of C. T. Jackson's reports on the geology of Maine. Writing many years later he said, "About a dozen years later [age twenty-two] I was associated with Dr. Jackson as an officer of the Boston Society of Natural History [curator of Radiates, 1864-1870] and I had the pleasure of telling him how much his reports had helped me in my early efforts to study geology by myself. When I was about twelve years old my father obtained for me Dana's small *Manual of Mineralogy*, but I

little thought that I would eventually be the colleague of that eminent scientific man in Yale University. Later I also obtained Professor Asa Gray's *Manual of Botany*, little thinking that subsequently I would be a student under him at Harvard" (Verrill, 1958: 92).

In 1844 when Verrill was fourteen years old, his father was seriously injured, and the family moved to Norway, Maine where his father ran a successful general store until his death in 1862. Young Verrill prepared for college at the Norway Liberal Institute, which later became the public high school, between 1853-1859.

In addition to a passion for botany and an interest in photography, Verrill began to collect birds and mammals. Before he entered Harvard, he had already amassed a suite of specimens numbering two hundred birds and mammals. Although not particularly interested in insects, he aided a younger friend, Sidney Irving Smith (1843-1926) who became an authority on marine and freshwater Crustacea as well as the insects of Maine. Smith followed Verrill to Yale where he earned his Ph.D. in 1867 and became a professor of zoology.

Early in May 1859, when he was little more than twenty years old, Verrill entered the Lawrence Scientific School of Harvard University with advanced standing. He must have been present at the ground breaking ceremony on June 14 of Louis Agassiz' Museum of Comparative Zoology, which was ready for occupancy the following May. By this time Agassiz had hired Edward Sylvester Morse (1838-1925), another Maine boy and friend of Verrill, who later was to publish the first work on the terrestrial shells of Maine in the then new *Journal of the Portland Society of Natural History*. Subsequently, Morse became director of the Peabody Museum of Salem. Between 1877-1879 he visited Japan to teach zoology and became the father of zoological study there. He studied Japanese culture and made a distinguished collection of Japanese pottery. Among the mollusks he collected there were two new species of cephalopoda from Tokyo Bay which he sent to Verrill for description.

Among the other student assistants during the years of

1859-1864, most of whom became distinguished researchers, were Alexander Agassiz, Frederic Ward Putnam, Alpheus S. Packard, Jr., Nathaniel Southgate Shaler, Samuel Scudder, Alpheus Hyatt, Albert Ordway, Caleb Cooke, William H. Dall, and Albert Smith Bickmore. In his first annual report of the Museum of Comparative Zoology for 1859, Louis Agassiz wrote, "Mr. Verrill has arranged the corals, and has made a special study of the embryology of the class of Birds. To aid in the latter purpose, he passed the summer on the island of Grand Manan." When he returned at the end of the summer, Verrill had some 1200 bird embryos as well as numerous bird and fish skeletons.

Early in 1861 Agassiz sent Verrill, Ordway, and Putnam to obtain specimens from the Smithsonian Institution to "get as many corals, birds, birds' eggs, and mammals of all kinds as you can and gain the confidence of Prof. [Joseph] Henry (1797-1878) by talking with him." William Stimpson, then established as a marine invertebrate zoologist, who had been an Agassiz student about a decade before, and whom Verrill had previously met in Cambridge, was the first person to call on the young men as soon as they arrived in Washington. While there, Verrill met Spencer Fullerton Baird (1825-1887), who was to become an important contact, as Baird was appointed United States Commissioner of Fish and Fisheries, and eventually succeeded Joseph Henry as Secretary of the Smithsonian. He also met Count Louis F. de Pourtales, a former pupil of Agassiz in Switzerland, who had joined the United States Coast Survey in 1848 and was first in this country to attempt deep sea dredging.

During the summer of 1861, Alpheus Hyatt (1838-1902) and Nathaniel Southgate Shaler (1841-1906) visited Anticosti Island, in the Gulf of the St. Lawrence, to collect geological, paleontological, and zoological specimens. It was here that Verrill had a serious introduction to those marine invertebrates to which he was to devote most of his professional career.

Verrill's friendship with Hyatt continued through life, and he named his second son after him. Hyatt became curator at

the Boston Society of Natural History as well as being in charge of the fossil cephalopod collection at the Museum of Comparative Zoology. He also served as professor of zoology and paleontology at the Massachusetts Institute of Technology and professor of biology at Boston University. He published on the systematics and evolution of ammonoids and on fossil gastropods of the freshwater family Planorbidae, and was working on the Hawaiian tree snails at the time of his death. Hyatt was essentially a philosopher, lost in speculation concerning the significance of the adaptations of the animals he discovered. Like most of Agassiz' students he early embraced evolutionary theory, not as a Darwinian, but rather as a neo-Lamarckian and developed a theory of "racial senescence" which gained some popularity until the formulation of the modern synthesis of evolutionary theory in the 1930s.

Shaler was appointed assistant in paleontology in the Museum of Comparative Zoology in 1864, and the following year began teaching zoology and geology in the Lawrence Scientific School eventually becoming its dean. He was gifted in generalization and in the popularization of science. While Shaler may have considered himself an early Darwinian, he became more of a neo-Lamarckian as time went on, a term coined by Alpheus S. Packard, Jr.

Verrill in contrast to Hyatt and Shaler was a painstaking, hardworking investigator who devoted himself to discovering the most minute morphological characteristics that would distinguish two closely allied species, as well as tackling tangles of synonymy that might have discouraged anyone else. While the vogue in zoology changed from taxonomy to comparative anatomy, then to the study of adaptations and the evidences for evolution, and finally to experimental genetics at the beginning of the century, Verrill maintained to the end of his life the importance of taxonomy as a necessary preliminary to more specialized biological work.

The Anticosti Island trip did not lead to any extensive publications, and nothing appears to have been announced in

regard to the original purpose of the trip which was to test the anti-Darwinian teachings of Agassiz. On the contrary, this field experience helped to instill the belief of organic evolution in one form or another in the young men. In later years Hyatt, who commanded his own yacht, said it had been an extremely dangerous trip and that they should not have come back at all.

In 1863 Agassiz published in the annual report of the museum, a new set of regulations for museum assistants which caused nearly all of them, with the obvious exception of Alexander Agassiz, to leave the museum. E. S. Morse was the first to depart, followed by F. W. Putnam, A. S. Packard, Jr., A. Hyatt, and A. E. Verrill. A. S. Bickmore wrote the first annual report on Mollusca that year and then was dismissed by Agassiz for soliciting funds for an expedition to Amboina to re-collect the shells described by Rumphius in the sixteenth century. He later became scientific "father" of the American Museum of Natural History.

When George Peabody endowed the Peabody Museum in Salem, Massachusetts, Putnam became director and invited the others to help reorganize the museum of the East India Marine Society and to incorporate the natural history collections of the Essex Institute. Verrill was looked upon as the spokesman of the "Salem Secession," (Dexter, 1965: 1) but he was in Salem for only a short time before he took an appointment as a full professor in zoology in the Sheffield Scientific School of Yale University. He was made a member of the governing board, and became curator of all the zoological collections at the age of twenty-five.

In 1866 George Peabody also gave Yale University the funds to "found and maintain a museum of natural history, especially in the departments of zoology, geology, and mineralogy." Verrill moved into the original Yale Peabody Museum in 1876, and finally had the opportunity to put on display the collections he had been accumulating since he arrived in New Haven a dozen years before. He had already written extensively on cephalopods, especially giant ones, an interest that would persist at least until 1897 when he

wrote on a "Supposed giant Cephalopod on the Florida coast," *Octopus giganteus* Verrill, which only recently was proven to be an *Octopus* based on fragments of it that had been sent to the Smithsonian Institution. Therefore, not surprisingly among the exhibits were a life size model squid over forty feet long counting the two thirty foot tentacles and a giant octopus. These were designed by Verrill but constructed by James H. Emerton of Salem, Massachusetts, who became Verrill's assistant and illustrator in 1880. They were made of papier-mâché, rubber, and any other materials at hand. Three copies of the squid were made and two of the octopus. Only one model remains on exhibit, that of a huge reddish octopus suspended from the ceiling of the Coral Room at the Museum of Comparative Zoology. The room is a memorial to his lifelong friend from college days, Alexander Agassiz (Hall and Hall, 1985: 46).

During his first year at Yale, Verrill roomed with Daniel C. Eaton, Professor of Botany. They formed a friendship which lasted as long as they lived and in which their families participated after they both married. Verrill married Flora Louisa Smith in Norway, Maine on June 15, 1865. She was the sister of Sidney Irving Smith, whom Verrill had befriended in Maine and who became a distinguished Yale professor himself. The Verrills had six children, including Major George E. Verrill, an engineer who constructed breakwaters, and became his father's biographer and Alpheus Hyatt Verrill, who described a few shells in his latter years.

During his early years at Yale, Verrill did much of his marine collecting along the shore by dredging from a small craft in Long Island Sound, mainly in the vicinity of New Haven. In 1870 when the United States Commission of Fish and Fisheries was created with Spencer F. Baird as commissioner, he appointed Verrill as his assistant in charge of all of the invertebrate collections. The first investigations were made in 1871 with Woods Hole, Massachusetts as the base. In 1872 the dredging was conducted out of Eastport, Maine by the United States Revenue cutter *Mosswood* under the

instructions that operations were to be suspended if a suspicious vessel were sighted; however, since smuggling was done at night, the order does not appear to have upset any dredging schedule. From 1873 until 1881 when Woods Hole became the permanent base of operations, work was carried out by the vessels *Bache*, *Speedwell*, and *Blake* from various ports between Salem, Massachusetts and Newport, Rhode Island. It was not until the arrival of the vessel *Fish Hawk* in 1880 that there was sleeping space on board for the scientific staff, but the *Fish Hawk* was of light draft and could make offshore cruises of only a few days' duration. Finally in 1883 the Commission received a specially built research steamship, the *Albatross*, of about 1,000 tons, which had good accommodations and facilities for the scientists and was able to dredge in much deeper water than previously possible. When Baird died in 1887 coastal dredging off New England was discontinued and not resumed until 1954 (Galtsoff, 1962: 48).

Verrill's studies provided a basis of knowledge of the marine benthic invertebrates of the Woods Hole region extending at least to the 100 fathom line. Published in 1871, it is still a major source of information about benthic communities of this area. In "Notice of a remarkable marine fauna occupying the outer banks off the southern coast of New England, and some additions to the fauna of Vineyard Sound" (1884), he describes the rich fauna along the 100 fathom line between latitudes $35^{\circ}40'$ and $40^{\circ}22'$ N and longitudes $69^{\circ}15'$ and $71^{\circ}32'$ W. He concludes that the number of species and abundance of individuals in this area "is due very largely to the annual uniformity of the temperature enjoyed at all seasons of the year, at all those depths that are below the immediate effects of the atmospheric changes. The region . . . is subject to the combined effects of the Gulf Stream on one side and the cold northern current on them, together with the gradual decrease in temperature in proportion to the depth." He also describes the effects of the Gulf Stream in bringing "vast quantities of free-swimming animals which furnish an inexhaustible supply of food for many bottom animals."

“Verrill’s conclusion about the condition responsible for the abundance of life along the 100 fathom line in an area south of Woods Hole shows a highly developed power of observation and the ability of the author to visualize a general ecological picture from the multitude of detached observations. Verrill never lost sight of the forest because of the trees” (Galtsoff, 1962: 48).

“For more than thirty years [Verrill] had the faithful assistance of Dr. Katharine J. Bush (1855-1937), co-author of several of his papers on mollusks and annelids, whose accuracy and ability are reflected in nearly all of Professor Verrill’s publications during that period,” wrote her brother-in-law, Wesley R. Coe (1929). Katharine Bush was educated in public and private schools in New Haven, but had not attended college, when in 1879 at the age of twenty-three, she was hired by Verrill. He noted in the 1880 annual report of the Peabody Museum she, “has been employed in completing the catalogues and writing labels,” and in the next year’s report, she had been promoted to arranging and cataloguing collections made by the United States Fish Commission at the commission’s expense.

By 1885 she was taking courses at the Sheffield Scientific School and by 1901 became the first woman to earn a doctorate in zoology at Yale. Bush’s research was on the taxonomy and systematic classification of marine invertebrates, especially mollusks, annelids, and echinoderms, based primarily on the material collected by Alexander Agassiz and the United States Fish Commission. Her papers appeared under her own name or as junior author with Verrill. Among her last works on mollusks was “Notes on the family Pyramidellidae” (1909); this was in response to a paper on the same subject written earlier the same year by Paul Bartsch (1871-1960), in which she complained about his purloining of her unpublished work. Dr. Bush left the Museum about 1913 or 1914 to become a patient at the Hartford Retreat (now called The Institute for Living) where she died in 1937. Wesley Coe, her brother-in-law and bibliographer of Verrill, sent a short paragraph to *Yale Alumni Weekly*, which on May 7, 1937 gave the

barest facts of her life. She never married and Katharine Bush's admiring biographer, Jeanne E. Remington, adds that "a series of rented rooms was home to Katharine Bush;" then lists the various addresses and even supplies a photograph of the entrance to one of them (Remington, 1977: 4, 6).

In addition to Bush, Verrill was long associated with Sanderson Smith (1832-1915) during the investigations of the marine fauna made by the United States Fish Commission from 1875 to 1887. Working without compensation Smith was a careful and enthusiastic collector who rendered valuable services in connection with the dredging during those years. Verrill mentioned that, "although unfortunate circumstances prevented his participating largely in the final working up of the collections as planned, his name appears jointly with that of the writer, in connection with a large number of new species of deep sea shells discovered by us."

During the spring of 1898 Verrill visited the Bermuda Islands, accompanied by, among others, C. Montague Cooke, Jr. (1874-1948) who was one of his students both as an undergraduate and as a Ph.D. candidate. In 1901 Verrill again visited the Bermuda Islands, this time accompanied by his wife and one of his sons, Alpheus Hyatt Verrill (1871-1954) who helped collect and make colored drawings, as well as photographs, of many of the specimens. He invented the autochrome photographic process in 1902. Verrill senior wrote extensively on all aspects of Bermuda, his last related paper appearing in 1923. A. H. Verrill became a naturalist and explorer and spent much of his life in Central and South America. He wrote many popular books on archaeological subjects and two on shells (1936 and 1950). In his seventy-third year he established a shell business in Lake Worth, Florida and began describing shells from the Caribbean that he believed to be new species.

The elder Verrill wrote his last paper on mollusks in 1906 and though he retired in 1910, he remained active and continued to publish numerous works on invertebrates. He died in 1926 while visiting his son and biographer, George, in Santa Barbara, California.

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MOLLUSCAN TAXA DESCRIBED BY
A. E. VERRILL, K. J. BUSH, AND S. SMITH
AND LATER BY A. H. VERRILL, WITH
THEIR ORIGINAL REFERENCES, TYPE LOCALITIES
AND THE LOCATION OF THE TYPE SPECIMENS.

REMARKS

For convenience of reference the following list of taxa introduced by the above authors is arranged alphabetically by species. In addition to the original reference, subsequent ones are also cited if they include the first figure of a type or other relevant information. References to later collections are usually not included. Since many of the dredging stations are mentioned many times over, their longitude and latitude are listed beginning on page 77. There were very few *Bache* stations so they are included in the original references. Complete lists of the dredging stations in North American waters between 1867 and 1887 which include other data such as water temperature and types of bottoms were compiled by Smith (1888).

Most of the available types which were previously not illustrated are figured here. The figures on the plates are arranged by genera insofar as possible, though the several species described from Lower California are arranged geographically. The actual measurements are given on the plate captions. All data in brackets have been found on original labels, are additions or corrections from recent maps, or are

comments by this author. No attempt has been made to discuss the present status of any of the taxa. This is a task for individual revisers.

As a partial compensation for his work, the Fish Commission allowed Verrill to keep the first set of duplicates as his personal property, after sending the types and unique specimens to the National Museum of Natural History. Other duplicates were to be sent to other institutions. However, he did not finish working on the material until 1908, and except for his own set of duplicates which he sold to Yale's Peabody Museum, all of the material was returned to Washington, save for six holotypes which appear to have been overlooked. The types in the Division of Mollusks are segregated, and there is a file of the types which made the task of locating and determining holotypes, either figured or unfigured, easier than originally expected. When this could not be done, and when the original description was not based on a single specimen, lectotypes have sometimes been selected from among the syntypes. In all such cases the specimens are figured. Lectotypes have been selected from specimens in the National Museum when possible, otherwise from those in the Peabody Museum, where the types are also separated from the main collection. With the exception of two cephalopods sent to Verrill by E. S. Morse, and one he deposited in Canada, all of his extant types in this class are in Washington and were studied by Roper and Sweeney (1978), and no attempt has been made to do more than include their findings.

The types of the species described by Bush for Alexander Agassiz are in the general collection of mollusks at the Museum of Comparative Zoology. The collections made in Bermuda should be in the Peabody Museum, but only one lot described in Verrill's 1900 paper on nudibranchia was located and none from the 1901 paper, nor could the several subspecies of *Poecilozonites*, a fossil land snail from Bermuda, be found.

Many of the species which bear Bush's name do so jointly with Verrill; they are included in papers authored by him and

those that were co-authored. In addition are those which were described solely by Bush. Almost all of the species which bear Smith's name do so jointly with Verrill, who with Smith, recognized them as new when they were first sorted, "for such species, 'Verrill and Smith' are usually given as authorities," but Verrill makes it clear that he, alone, is responsible for the descriptions of all the species (Verrill, 1884: 140).

Since J. H. Emerton, Verrill's artist, did not publish on mollusks himself, but was included as an authority with Verrill in a few instances, he is mentioned here in this connection for the first time. In addition to the species in which Verrill included Sanderson Smith as an authority are listed the few which Smith described by himself or with Temple Prime.

Verrill described some 402 species of mollusks among these are 97 with Bush as joint author, 39 with Smith, and 2 with Emerton. No type material was located for 75 of these. Bush described 73 species, and type material was found for all but 4 of them. Together or separately Verrill and Bush introduced over 60 genera or other higher categories.

As mentioned previously, the molluscan taxa introduced by Alpheus Hyatt Verrill are included here so as to avoid confusion with those of his father. Most of his taxa were published in mimeographed form, but their validity was confirmed by Coan (1976). Unfortunately, most of these types were in his private collection, the deposition of which is unknown.

ACKNOWLEDGMENTS

It gives me pleasure to thank those people whose willing cooperation eased the task of accumulating data. Dr. M. G. Harasewych gave me access to the types in the National Museum of Natural History, Smithsonian Institution and Mrs. Raye N. Germon prepared the loan of those which were previously unfigured. Dr. Willard D. Hartman allowed me to examine all of the types in the Peabody Museum of Natural History, Yale University, and to borrow those requested. Dr.

Arthur E. Bogan of the Academy of Natural Sciences of Philadelphia studied the *Turbonilla* in that institution described by K. J. Bush and made available the unfigured types.

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ABBREVIATIONS

AJS	American Journal of Science and Arts
ALYNH	Annals of the Lyceum of Natural History of New York
ANSP	Academy of Natural Sciences of Philadelphia, Pennsylvania
ARUSCFR	Annual report of the United States Commissioner of Fish and Fisheries
BMCZ	Bulletin of the Museum of Comparative Zoology
MCCSC	Minutes of the Conchological Club of Southern California
MCZ	Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts
PANSP	Proceedings of the Academy of Natural Sciences of Philadelphia
PUSNM	Proceedings of the United States National Museum
TCAAS	Transactions of the Connecticut Academy of Arts and Sciences
USNM	National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia
YPM	Peabody Museum of Natural History, Yale University, New Haven, Connecticut

LIST OF TYPES

Aaronia A. H. Verrill, Subgenus

1950, MCCSC no. 103: 4. Type species: *Murex (Aaronia) strausi* A. H. Verrill 1950, by monotypy.

abrupta Bush, *Turbonilla*

1899, PANSP 52: 168, pl. 8, fig. 4 (St. Thomas, West Indies). Holotype ANSP 79012, only specimen.

abyssicola Verrill and Bush, *Cardiomya*

1898, PUSNM 20: 806, pl. 73, fig. 4; pl. 74, fig. 1; pl. 77, fig. 9 (1885-86, *Albatross*, three stations between 40°29'N, 66°14'W and 36°47'N, 73°9'30"W, 1685-1813 fms.). Lectotype, here selected, USNM 78935 sta. 2723, fig. 1; paralectotypes USNM 78896 sta. 2723, fig. 4; and USNM 52396 sta. 2461, fig. 9; paralectotype YPM 8826 sta. 2723.

abyssicola Bush, *Lissospira (Ganesa)*

1897, TCAAS 10: 134 [not figured] (1880, *Blake* 307, east of Georges Bank, 980 fms.). Holotype, only specimen [not located in USNM or YPM type collections].

abyssicola Bush, *Mollerioopsis*

1897, TCAAS 10: 138, figs. 6, 7 (1885, *Albatross* 2572, 1769 fms.). Holotype USNM 52496, only specimen.

abyssicola Verrill, *Puncuturella*

1885, TCAAS 6: 425 [not figured] (1884, *Albatross* 2222 [south of Martha's Vineyard, Massachusetts], 1537 fms.). Holotype USNM 44837, figured by Farfante (1947: 142, pl. 62, figs. 1-5).

abyssicola Verrill and Bush, *Turbonilla bushiana*

1909, *in* Bush, AJS (4) 27: 479 [not figured, no locality; not located in USNM or YPM type collections].

abyssorum Verrill and Bush, *Bathyarca*

1898, PUSNM 20: 843, pl. 76, fig. 9 (1885, *Albatross* 2713, 2714, off Delaware Bay, 1825-1859 fms.). Figured holotype USNM 78793 sta. 2714; paratype YPM 6737 sta. 2713.

abyssorum Verrill and Smith, *Benthodolium*

1884, *in* Verrill, TCAAS 6: 177, pl. 31, figs. 12, 12a, 12b, 12c (1883, *Albatross* 2098, 2221 fms., 2105, 1395 fms.). Figured holotype USNM 35273 sta. 2098; paratype USNM 35364 sta. 2105.

abyssorum Verrill and Smith, *Buccinum*

Plate 14, fig. 2

1884, *in* Verrill, TCAAS 6: 167, pl. 31, figs. 11, 11a, 11b (1883, *Albatross* 2051 [off North Carolina], 1106 fms., 2052, 1098 fms., 2074, 1309 fms., 2076, 906 fms., 2077, 1255 fms., 2094, 1022 fms., 2102, 1209 fms., 2103, 1091 fms., 2111, 938 fms.). Lectotype, here selected, USNM 35644 sta. 2111, paralectotypes USNM 38319 sta. 2074, USNM 35008 sta. 2077, and USNM 34691 sta. 2094 with the note "used for figures."

abyssorum Verrill and Bush, **Malletia**

1898, PUSNM 20: 875, pl. 97, fig. 7 (1875, *Albatross* 2566, off Chesapeake Bay, 2620 fms.). Holotype USNM 52159, only specimen. Lateral internal view [sketch] of the left valve figured by Sanders and Allen (1985: 199, fig. 4).

abyssorum Verrill, **Periploma**

in Bush, 1893, BMCZ 23: 227, pl. 2, figs. 12, 13 (1885, [*Albatross*] 2484, east of Banquereau [Bank, off Nova Scotia], 204 fms.). Figured holotype USNM 52597.

abyssorum Verrill, **Trophon**

1885, TCAAS 6: 421 [not figured] (1883, *Albatross* 2115, off Cape Hatteras [North Carolina], 843 fms., 2076, 906 fms.); 1893 *in* Bush, BMCZ 23: 240, pl. 1, fig. 14. Figured holotype USNM 35583 sta. 2115; paratypes USNM 38041 and YPM 38041 *both* sta. 2076.

acuta Verrill, **Bela concinnula**

1882, TCAAS 5: 470, pl. 57, fig. 10 (1873, Casco Bay, Maine; 1873-74, 1877 Gulf of Maine, 88-118 fms.; USFC, Massachusetts Bay and Cape Cod Bay, 16-20 fms.). Figured holotype USNM 77327 sta. 24B is 42°56'N, 70°09'W.

Adranella Verrill and Bush, Subgenus of **Yoldia**

1898, USNM 20: 858. Type species: *Adranella casta* Verrill and Bush 1898, original designation.

aegeles Bush, **Niso**

1885, ARUSCFF for 1883, p. 585 [83] ([1883] *Albatross* [2112], off Cape Hatteras [North Carolina], 14-15 fms.); 1885, TCAAS 6: 465, pl. 45, figs. 10, 10a. Figured holotype USNM 35862.

affine Verrill, **Cyclostrema**

1884, TCAAS 6: 199, pl. 32, fig. 15 (1883, *Albatross* 2115 off Cape Hatteras [North Carolina], 843 fms.). Figured holotype USNM 38443; paratype YPM 15772.

affinis Verrill, **Limopsis**

1885, TCAAS 6: 442 [not figured] (1883, *Albatross* 2092, 197 fms.); 1898, *in* Verrill and Bush, PUSNM 20: 846, pl. 75, fig. 5. Holotype USNM 44829; paratype YPM 5774, only specimens.

affinis Verrill and Bush, **Periploma**

1898, PUSNM 20: 822, pl. 87, fig. 4 (1880-81, *Fish Hawk*, three stations off Martha's Vineyard [Massachusetts], 100-115 fms.). Figured holotype, in USNM 159791, right valve, sta. 873; paratype YPM 8832 sta. 949.

agassizii Verrill, **Mastigoteuthis**

1881, BMCZ 8: 100, pl. 1, fig. 1; pl. 2, figs. 2, 3a-3g (1880, *Blake* 325, 328, south of Cape Hatteras [North Carolina], 647, 1632 fms.). Figured holotype MCZ 3508, sta. 328 [lost]. Syntypes USNM 574642 sta. 325; USNM 729733 sta. 328, *teste* Roper and Sweeney (1978: 3).

agassizii Verrill, *Opisthoteuthis*

1883, BMCZ 11: 113, pl. 1, fig. 1; pl. 2, fig. 2 (1879, *Blake* 260, off Grenada [Windward Islands], 291 fms.). Holotype, only specimen, presumed lost, not mentioned by Roper and Sweeney (1978).

agassizii Verrill and Smith, *Pleurotoma*

1880, in Verrill, AJS (3) 20: 394 [not figured] (1880, *Fish Hawk* 856-888, off Newport, Rhode Island, 891, 892, 894, 895; 65-500 fms.); 1882, TCAAS 5: 454, pl. 57, figs. 3, 3a, genus changed to: *Pleurotomella*. Holotype USNM 37828 sta. 880, *teste* Bouchet and Warén (1980: 50); paratype YPM 15712 sta. 877.

agilis Verrill, *Teleoteuthis* (*Oncychia*)

1885, TCAAS 6: 400, pl. 42, figs. 2, 2a (1884, *Albatross* 2225, off Chesapeake Bay [Maryland], at surface). Holotype USNM 40129, only specimen, *teste* Roper and Sweeney (1978: 3).

alba A. H. Verrill, *Voluta musica*

1953, MCCSC no. 132: 9 (Grenada [Island, Lesser Antilles]). Type [presumed to be] in author's collection.

alfordi A. H. Verrill, *Voluta musica*

1953, MCCSC no. 134: 4, fig. (Tobago [Island]). Six types [presumed to be] in author's collection.

Alloposidae Verrill, Family

1881, TCAAS 5: 365. Type genus mentioned: *Alloposus* Verrill 1880.

Alloposus Verrill, Genus

1880, AJS (3) 20: 393. Type species: *Alloposus mollis* Verrill 1880, by monotypy.

altus Verrill and Bush, *Cryptodon croulinensis*

1898, PUSNM 20: 787, pl. 88, figs. 1, 2 (1870, Eastport, Maine; 1870, *Speedwell* 292, mouth of Cape Cod Bay [Massachusetts], 29 fms.). Figured holotype YPM 8764, Eastport, Maine; paratypes YPM 8765 sta. 292.

amabilis Verrill, *Philine*

1880, AJS (3) 20: 398 [not figured] (1880, *Fish Hawk* 876, about 100 miles south of Newport, Rhode Island, 120 fms.); 1882, TCAAS 5: 444, pl. 58, figs. 23, 24. Figured holotype USNM 45645; paratype YPM 15711.

amblia Verrill and Bush, *Yoldiella lenticula*

1898, PUSNM 20: 866, pl. 80, fig. 9; pl. 81, fig. 4 (1878-79, *Speedwell*, two stations, north of Cape Cod [Massachusetts], 110-122 fms.). Figured syntypes USNM 159726 st. 186, separate valves.

amblytera Verrill and Bush, *Eulima*

1900, TCAAS 10: 526, pl. 64, fig. 8 (Bermuda). Figured holotype YPM 15685; paratypes YPM 15684 and YPM 15686.

amblytera Bush, *Pleurotoma* (*Drillia*)

1893, BMCZ 23: 203, pl. 1, figs. 5, 5a (1880, *Blake* 313, off Charleston [South Carolina], 75 fms.; 1883, USFC, off Cape Hatteras, North Carolina, 142 fms.). Figured holotype MCZ 119070 sta. 313.

americana Verrill and Bush, *Abra longicallis*

1898, PUSNM 20: 778, pl. 83, figs. 6, 7 (1883-86, *Albatross*, six stations between 39°49'N, 68°28'30"W and 36°16'30"N, 68° 21'W, 924-2620 fms.). Figured holotype USNM 52170 sta. 2566; paratypes YPM 8835 sta. 2566 and YPM 8834 sta. 2714.

americanus Verrill, *Pleurobranchus*

1885, TCAAS 6: 429, pl. 44, fig. 13 (1884, *Albatross* 2262, off Martha's Vineyard [Massachusetts], 250 fms.). Holotype USNM 40503, only specimen.

ampla Verrill, *Marsenina*

1880, PUSNM 3: 374 [not figured] (Eastport, Maine, 1868); 1882, TCAAS 5: 518, pl. 42, figs. 3, 3a. Figured holotype YPM 15703, probably only specimen, label also bearing USNM number 12270 [not located in USNM type collection].

andrewsii Verrill, *Scalaria* (*Opalia*)

1882, TCAAS 5: 526, pl. 57, fig. 35 (1880, *Fish Hawk* 873, off Newport, Rhode Island, 100 fms.). Holotype USNM 44807, only specimen, refigured by Clench and Turner (1952: 335, pl. 162, fig. 2).

anomala Verrill and Bush, *Bathyarca*

1898, PUSNM 20: 844, pl. 77, fig. 8 (1874, *Bache* 52 is 42°51'N, 68°52.5'W, off Cashes Ledge [Maine], 27 fms.). Holotype USNM 74081, only specimen.

antiqua Verrill, *Venus mercenaria*

1875, AJS (3) 10: 371 (Sankoty Head, Nantucket [Island, Massachusetts] post-Pliocene). Syntypes YPM [not located].

antiquus Verrill, *Poecilozonites reinianus*

1906, TCAAS 12: 165 [121], pl. 26, fig. 3 (from a quarry near Castle Harbor [Bermuda]). Holotype YPM [not located; this taxon not mentioned by Gould (1969)], only specimen.

apicina Verrill, *Cingula*

1884, TCAAS 6: 183, pl. 32, fig. 8 (1883, *Albatross* 2041, 1608 fms.). Holotype USNM 38070, only specimen.

arata Verrill, *Neptunea* (*Sipho*)

Plate 12, fig. 1

1880, PUSNM 3: 370 [not figured] (1880, *Fish Hawk* 869-880, 893-895, off Martha's Vineyard [Massachusetts], 85-372 fms.); 1882, TCAAS 5: 499, 500, changed to: *Sipho stimpsonii liratulus*, non *Neptunea arata* Gould 1860. Lectotype, here selected, USNM 158833, marked "type", off Newport, Rhode Island; paralectotypes YPM 15548 sta. 871, YPM 15537 sta. 872 and YPM 15541 sta. 878.

arata Verrill and Smith, **Pholadomya**

1881, AJS (3) 22: 301 [not figured] (1881, *Fish Hawk* 940, 949, 950, off Martha's Vineyard [Massachusetts], 69-130 fms.); 1882, TCAAS 5: 567, pl. 58, fig. 37. Figured holotype USNM 46140 stas. 949-950.

areolata Verrill, **Turbonilla**

Plate 17, fig. 3

1873, ARUSCF, p. 658 [364, not figured] (Long Island Sound, near New Haven [Connecticut]); 1884, TCAAS 6, pl. 32, fig. 13. Figured holotype YPM 12848.

asperula Bush, **Turbonilla**

Plate 17, fig. 1

1899, PANSP 52: 151 [not figured] (Bermuda); 1900 in Verrill and Bush, TCAAS 10: 530, pl. 65, fig. 23 as *Pyrgostelis (Mumiola) asperula* (Bush). Figured holotype and three paratypes [not located in YPM]; lectotype, here selected, ANSP 78253.

atlantica Verrill and Smith, **Placophora (Euplacophora)**

1882, in Verrill, AJS (3) 24: 365 [footnote, not figured, no locality]; 1884, TCAAS 6: 206, pl. 30, figs. 1, 1a, 1b (1882, *Fish Hawk* 1124, off Nantucket Island [Massachusetts], 640 fms.). Figured holotype USNM 106921.

atypha Verrill and Bush, **Cetoconcha**

Plate 8, fig. 2

1898, PUSNM 20: 814 [not figured] (1884, *Albatross* 2229, 1423 fms.). Lectotype, here selected, USNM 48703; paralectotype YPM 8762 [each a single broken valve].

atypha Verrill and Bush, **Eulima**

Plate 16, fig. 3

1900, TCAAS 10: 528, pl. 64, fig. 10 (Bermuda). Figured holotype YPM [lost, *teste* original label], the remaining paratype YPM 15886 labeled as lectotype by Warén, 1977. This selection has not yet been published (Warén pers. comm.) It is, here selected, lectotype.

atypha Bush, **Pleurotomella**

1883, BMCZ 23: 205, pl. 2, fig. 3 (1880, *Blake* 325, 326, both off Cape Fear [North Carolina], 647, 464 fms.). Figured holotype MCZ 187276 sta. 326.

atypha Bush, **Turbonilla**

Plate 16, fig. 10

1899, PANSP 52: 170 [not figured] (Maldonado Bay, Uruguay). Lectotype, here selected, ANSP 70537, only the smaller of the two mentioned specimens remains.

aurantiaca Verrill, **Pleurobranchopsis**

1900, TCAAS 10: 547, pl. 66, fig. 5 (Coney Island [Bermuda], at low tide, among algae). Holotype YPM [not located], only specimen.

aureopuncta Verrill, **Lamellidoris**

1901, TCAAS 11: 31, pl. 4, fig. 9 (Harrington Sound [Bermuda], in shallow water, under corals). Holotype YPM [not located].

Axinodon Verrill and Bush, Genus

1898, PUSNM 20: 795. Type species: *Axinodon ellipticus* Verrill and Bush 1898, original designation.

Axinulus Verrill and Bush, Genus or Subgenus [*sic*]

1898, PUSNM 20: 790. Type species: *Axinulus brevis* Verrill and Bush

1898, original designation.

bairdii Verrill and Smith, **Calliostoma**

1880, in Verrill, AJS (3) 20: 396 [not figured] (1880, *Fish Hawk* 865-880, off southern New England, 65-252 fms.); 1882, TCAAS 5: 530, pl. 57, fig. 26.

Lectotype USNM 44722 sta. 874, selected by Clench and Turner (1960: 38, pl. 24, fig. 1); paralectotype MCZ 224685 sta. 874.

bairdii Verrill and Smith, **Dolium**

1881, in Verrill, AJS (3) 22: 299 [not figured] (1881, *Fish Hawk* 945, 1036, off Martha's Vineyard [Massachusetts], 202, 94 fms.); 1884, TCAAS 6: 253, pl. 29, figs. 2, 2a, 2b. Holotype USNM 51385 sta. 945.

bairdii Verrill, **Octopus**

1872 [1873], AJS (3) 5: 5 [footnote] (off Head Harbor, Campobello Island, 78 and 80 fms.; off Herring Cove, 60 fms.; off Grand Manan Island, 106 fms.; [all Charlotte Co., New Brunswick]). Six syntypes USNM 575315; syntype USNM 574638, collected at four *Mosswood* stations, *teste* Roper and Sweeney (1978: 5). Subsequently discovered specimen MCZ 3488, 1880, *Blake* 303, 306 fms., figured by Verrill, 1881, BMCZ 8: 107, pl. 2, figs. 4, 4a; pl. 4, figs. 1, 1a.

bairdii Verrill and Smith, **Pleurotomella**

1884, in Verrill, TCAAS 6: 147, pl. 31, fig. 1 (1883, *Albatross* 2037, 1721 fms.; 2038, 2033 fms.; 2041, 1608 fms.; 2097, 1917 fms.; 2098, 2221 fms.). [None of the five type lots with the published catalogue numbers mentioned as being in the USNM were located]. Figured holotype YPM 15716 [label also bearing USNM number 37824] sta. 2037, female; allotype in the same lot; paratypes YPM 15717 sta. 2038 and YPM 15718 sta. 2097.

barbadensis A. H. Verrill, **Cypraea carneola**

1948, *Mollusca* 2 (3): 70 (Barbados, [West Indies]). Syntypes [presumed to be] in author's collection.

beanii Verrill, **Brachioteuthis**

1881, TCAAS 5: 406, pl. 55, figs. 3-3b, pl. 56, figs. 2-2a (1881, *Fish Hawk* 1031, 1033, off Martha's Vineyard [Massachusetts], 255, 183 fms., from fish stomachs). Syntypes USNM 574640 sta. 1031 and USNM 729736 sta. 1033, *teste* Roper and Sweeney (1978: 4).

benedicti Verrill and Bush, **Chlamys**

Plate 8, fig. 4

1897, in Verrill, TCAAS 10: 74 (off Martha's Vineyard [Massachusetts], 1356 fms., dead; West Indies, 25 to 72 fms., living); 1898, in Verrill and Bush, PUSNM 20: 834, pl. 84, figs. 1-2 (1885, *Albatross* 2369-2374, 25-27 fms.; 2571, 1356 fms.). Figured holotype USNM [not located]; lectotype, here selected, YPM 8833, single valve, stations not separated; also paralectotype YPM 8865 [in alcohol].

benedicti Verrill and Smith, **Pleurotomella**

1884, *in* Verrill, TCAAS 6: 148, pl. 31, figs. 2, 2a (1883, *Albatross* 2084, 1290 fms.). Figured holotype USNM 38087.

Benthodolium Verrill, Genus

1884, TCAAS 6: 177. Type species: *Benthodolium abyssorum* Verrill and Smith 1884, by monotypy.

Benthoteuthis Verrill, Genus

1885, TCAAS 6: 401. Type species: *Benthoteuthis megalopsis* Verrill 1885, by monotypy.

bermudae Verrill and Bush, **Bulla**

1900, TCAAS 10: 523, pl. 64, fig. 4 (Bermuda). Syntypes YPM [not located].

bermudensis Verrill and Bush, **Cerithiopsis**

1900, TCAAS 10: 536, pl. 65, fig. 20 ([Ship Channel] Bermuda, 10-12 ft.). Figured holotype YPM 15676 [paratypes separated].

bermudensis Bush, **Lasaea**

Plate 5, fig. 2

1899, *Science* 10: 251 [not figured] (Bermuda); 1900, *in* Verrill and Bush, TCAAS 10: 518, pl. 63, figs. 4, 5. Lectotype, here selected, YPM 8885.

biamaculatus Verrill, **Octopus**

1883, BMCZ 11: 121, pl. 5, figs. 1, 1a; pl. 6 (San Diego [San Diego Co.], California, D. S. Jordan, USNM; Panama and San Salvador, F. H. Bradley, YPM). Syntype USNM 575560, Jordan's handwritten label reads, "Santa Barbara, Santa Barbara Co., California"; syntype YPM 17712 from the same locality; *both teste* Roper and Sweeney (1978: 5).

bifida Verrill, **Doris**

1870, *AJS* (2) 50: 406 [not figured] (Eastport, Maine, at low-water mark, under stones); 1873, ARUSCFF, p. 664 [370], pl. 25, fig. 176. Syntype YPM [lost].

bistellata Verrill, **Doris** "?"

1900, TCAAS 10: 548, pl. 66, fig. 2 (Castle Harbor [Bermuda], 2-4 feet, on reefs or dead corals). Figured holotype YPM [lost].

blakeana Bush, **Lucina**

1893, BMCZ 23: 231, pl. 2, figs. 16, 17 (1880, *Blake* 326, off Cape Fear [North Carolina], 464 fms.). Holotype MCZ 119129, single valve.

blakei Verrill, **Bela**

Plate 11, fig. 5

1885, TCAAS 6: 417 [not figured, additions and corrections p. 452] (1884, *Albatross* 2226, 2021 fms.). Holotype USNM 44655, only specimen.

blaneyi Bush, **Bela**

1909, *Nautilus* 23: 61, fig. 1 (south of Egg Rock buoy, in about 30 fms., mud and gravel, Frenchman's Bay, Maine). Figured holotype and paratype *both* YPM 15808, only specimens.

boreale Verrill and Smith, **Solarium**

1880, in Verrill, PUSNM 3: 376 [not figured] (1880, *Fish Hawk* 871, off Martha's Vineyard [Massachusetts], 115 fms.); 1882, TCAAS 5: 529, pl. 57, figs. 29, 30. Two figured syntypes, only specimens, lectotype, here selected, USNM 45298, fig. 30.

borealis Verrill, **Loligo pealei**

1880, AJS (3) 19: 292 [not figured] (Annisquam [Essex Co.] Massachusetts); 1881, TCAAS 5: 316, pl. 37, fig. 2; pl. 41, fig. 1. Four syntypes YPM [presumed lost].

borealis Verrill, **Marginella**

Plate 13, fig. 5

1882, TCAAS 5: 489 as *Marginella carnea* (Verrill), non Storer 1837; 1884, *Ibid.* 6: 165, pl. 29, fig. 4 (1883, *Albatross* 2011, 2012, off Norfolk, Virginia, 81, 66.5 fms.; 1880-81, *Fish Hawk*, off Martha's Vineyard [Massachusetts], 64.5, 100 fms.). Probable measured syntype, here selected lectotype USNM 35375 sta. 2011; paralectotypes YPM 15701 sta. 2011 and YPM 15702 sta. 2012.

Brachioteuthis Verrill, Genus

1881, TCAAS 5: 405. Type species: *Brachioteuthis beanii* Verrill 1881, original designation.

brachyura Verrill, **Rossia**

1883, BMCZ 11: 110, pl. 3, fig. 2 (1879, *Blake* 148, off St. Kitts Island [Leeward Islands], 208 fms.). Holotype, only specimen, presumed lost, not mentioned by Roper and Sweeney (1978).

brandii A. H. Verrill, **Mitra**

1950, MCCSC no. 104: 4, fig. (off Dominica [Lesser Antilles], 75-100 fms.). Type in author's collection.

brevis Verrill and Bush, **Cryptodon** (**Axinulus**)

1898, PUSNM 20: 790, pl. 89, figs. 7, 8 (1883, *Albatross* 2208, 92 fms.). Figured holotype USNM 159873, single valve, refigured by Scott (1986: 150, fig. 1b).

brevis Verrill, **Gymnobella**

1885, TCAAS 6: 417, pl. 44, fig. 8 (1884, *Albatross* 2041, 1608 fms., 2084, 1290 fms., 2229, 1423 fms.). Holotype USNM 34838 sta. 2041.

brevis Verrill and Bush, **Kennerlia**

1898, PUSNM 20: 821, pl. 88, figs. 7, a, b (1880-86, *Fish Hawk*, *Albatross*, ten stations between 40°15'30"N, 70°27'W and 35°10'40"N, 75°6'10"W, 58-100 fms.). Holotype USNM 40232, fig. 7a, refigured by Boss (1965: 205, pl. 124, fig. 3) sta. 2248, south of Nantucket Island [Massachusetts], 67 fms., non Sowerby 1829, changed to: *Pandora* (*Pandorella*) *inflata*; paratype USNM 45884, fig. 7b.

brevis Verrill, **Sipho stimpsonii**

1882, TCAAS 5: 500 [footnote, not figured] (1881, *Speedwell* 978, off Chat-ham, Cape Cod [Massachusetts], 17 fms.). "If it is thought desirable to

designate this species [*Sipho stimpsonii* Verrill 1882] by a special varietal name it may be called *S. stimpsonii brevis*. All of the intermediate forms occur, however." [not located in USNM or YPM type collections].

briskasi A. H. Verrill, **Murex**

1953, MCCSC no. 128: 2, fig. (Dominica [Lesser Antilles], 75-100 fms.). Type [presumed to be] in author's collection.

bruneri Verrill, **Menestho**

1882, TCAAS 5: 539 [not figured] (1880, *Fish Hawk* 892, off Newport, Rhode Island, 487 fms.). Holotype [lost], only specimen, *teste* Bush, 1909, AJS (4) 27: 482.

bruneri Verrill and Smith, **Pleurotomella**

1884, *in* Verrill, TCAAS 6: 155, pl. 31, fig. 7, 7a (1883, *Albatross* 2038, 2041, 2033, 1608 fms.). Figured holotype USNM 34846 sta. 2038; paratype USNM 34834 sta. 2041.

brychia Bush, **Choristella**

1897, TCAAS 10: 140, fig. 10 (1884, *Albatross* 2234, off Martha's Vineyard [Massachusetts], 810 fms.). Holotype USNM 77622, only specimen.

brychia Verrill, **Cingula**

1884, TCAAS 6: 179, pl. 32, fig. 9 (1880-82 *Fish Hawk* 892, 487 fms., 1093, 349 fms.; 1883, *Albatross* 2072, 2076, 2078, 2084, 499-1290 fms.). Figured holotype USNM 38086 sta. 1093; paratypes USNM 38021 sta. 892; USNM 38089; YPM 16596 sta. 2072; USNM 38073; YPM 16600 sta. 2076; USNM 38074; YPM 16599 sta. 2078 and YPM 38099 sta. 2084.

brychia Verrill and Smith, **Jumala**

1885, *in* Verrill, 1885, TCAAS 6: 422, pl. 44, figs. 10, 10a (1884, *Albatross* 2224, 2574 fms.). Holotype USNM 44647, only specimen.

bushae Warén, **Ledella**

See under: **missanensis** Verrill and Bush, **Ledella**.

bushae E. H. Vokes, **Pterynotus** (*Pterynotus*)

See under: **pygmaeus** Bush, **Murex** (**Pteronotus**) [*sic*].

bushiana Verrill, **Leda**

1884, TCAAS 6: 229 [not figured] (1883, *Albatross* 2110, off Cape Hatteras [North Carolina], 516 fms.); 1898 *in* Verrill and Bush, PUSNM 20: 854, pl. 79, fig. 8; pl. 92, fig. 9. Holotype USNM 35729.

bushiana Verrill, **Turbonilla**

1882, TCAAS 5: 537. New name for *Turbonilla formosa* Verrill and Smith 1880, non [*Odostomia formosa*] Jeffreys [1848]. See under: **formosa** Verrill and Smith, **Turbonilla**.

caelata Bush, **Cylichna**

1885, TCAAS 6: 468, pl. 45, fig. 15 (1884 *Albatross* [2292], off Cape Hatteras [North Carolina], 15-43 fms.). Holotype USNM 44668.

caelata Verrill and Smith, *Neptunea* (*Sipho*)

1880, in Verrill, PUSNM 3: 369 [not figured] (1880, *Fish Hawk* 891-895, off Martha's Vineyard [Massachusetts], 238 to 500 fms.); 1882, TCAAS 5: 506, pl. 57, figs. 19, 19a, changed to: *Sipho caelatus* Verrill and Smith. Measured and figured holotype USNM 38026 sta. 894 [includes four smaller paratypes]; paratypes YPM 15269 sta. 891; YPM 15266 sta. 892 and YPM 15259 sta. 894.

caelata Verrill, *Verticordia*

1882, TCAAS 5: 566 [not figured] (1881, *Fish Hawk* 949, off Martha's Vineyard [Massachusetts], 100 fms.); 1884, *Ibid.* 6: pl. 30, figs. 9, 9a. Figured holotype USNM 159807, only specimen.

caelatulus Verrill, *Sipho* (*Mohnia*)

1884, TCAAS 6: 172 [not figured] (1883, *Albatross* 2048, 2051, 2052, 2072, 2076, 2077, 2084, 547-1290 fms.). Lectotype USNM 35226 sta. 2076 selected by Bouchet and Warén (1985: 212) [not figured, not located]; paralectotypes YPM 15278 sta. 2052.

calceola Verrill, *Cymbulia*

1880, AJS (3) 20: 392, 394 (1880, *Fish Hawk* 865-872, about 30 miles south of Block Island, Rhode Island, near surface); 1882, TCAAS 5: 553, pl. 58, fig. 33 [not in USNM type collection]. Syntype YPM 15681 sta. 872 [dried up].

californica Verrill, *Papyridea bullata*

Plate 3, fig. 1

1870, AJS (2) 49: 225 [not figured] (La Paz [Baja California]). Lectotype, here selected, YPM 4072; paralectotypes YPM 2807 and YPM 4071.

callista Bush, *Yoldia*

1893, BMCZ 23: 233, pl. 1, figs. 9, 10 (1880, *Blake* 321, off Charleston [South Carolina], 233 fms.). Holotype MCZ 6866, only specimen.

callistiformis Verrill and Bush, *Tindaria*

1897, AJS (4) 3: 59 [footnote], figs. 10, 20, 21 (1885, *Albatross* 2566, off Chesapeake Bay, 2566 fms.); 1898, PUSNM 20: 881, pl. 78, fig. 1; pl. 80, figs. 6, 7. Figured holotype USNM 52536.

Calliteuthis Verrill, Genus

1880, AJS (3) 20: 393. Type species: *Calliteuthis reversa* Verrill 1880, by monotypy.

canadensis 'Verrill and Bush' Whiteaves, *Bela cancellata* Plate 11, fig. 6

1901, Catalogue of the Marine Invertebrata of Eastern Canada, p. 197 (between Pictou Island and Cape Bear [Nova Scotia], Whiteaves; Little Metis and Murray Bay [Quebec], J. W. Dawson). Lectotype, here selected, YPM 16623, Murray Bay; paralectotype National Museum of Natural History, Ottawa, Canada 90, Murray Bay.

cancellatus Verrill, **Choristodon** “?”

1885, TCAAS 6: 435 [not figured] (1884, *Albatross* 2265, off Chesapeake Bay [Maryland], 70 fms.); 1898, in Verrill and Bush, PUSNM 20: 788, pl. 96, figs. 2, 3. Holotype USNM 44839, single valve [poor condition].

carinata Verrill, **Machaeroplax obscura** Plate 15, fig. 2

1882, TCAAS 5: 532 [not figured] (1881, *Fish Hawk* 997, 1032, 1038, off Martha's Vineyard [Massachusetts], 146-335 fms.). Lectotype, here selected, USNM 44748 sta. 997; paralectotype YPM 15700 [from USNM 44749] sta. 1032.

carnea Verrill, **Marginella**

1882, TCAAS 5: 489, non Storer 1837. See under: **borealis** Verrill, **Marginella**.

carolinensis Bush, **Cadulus**

1885, ARUSCFF for 1883, p. 587 85 ([1883] *Albatross* [2214], off Cape Hatteras [North Carolina], 14 fms., 15-48 fms.); 1885, TCAAS 6: 471, pl. 45, fig. 19. Figured holotype USNM 35811; paratypes YPM 15864 and MCZ 186818.

carolinensis Verrill, **Octopus**

1884, TCAAS 6: 235 [not figured] (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.). Holotype USNM 35673, only specimen, *teste* Roper and Sweeney (1978: 5).

carolinensis Bush, **Pandora**

1885, TCAAS 6: 475 ([1883] *Albatross* [2112], off Cape Hatteras [North Carolina], 15 fms.). Holotype USNM 35701, figured by Boss and Merrill (1965: 200, pl. 122, figs. 1, 2).

carolinensis Verrill, **Urosalpinx**

1884, TCAAS 6: 237 [not figured] (1883, *Albatross* 2109, 2110, 2111, off Cape Hatteras [North Carolina], 142-938 fms.). Syntypes USNM 35735 sta. 2109. One separated out and figured as the “holotype” by Radwin (1972, fig. 1e). The catalogue number of the syntypes is given by Bouchet and Warén (1985: 213) and the “holotype” is refigured (figs. 555, 556). The figured specimen USNM 35735 is, here selected, lectotype. The paralectotypes have been recatalogued.

carpenteri Verrill and Smith, **Pleurotoma**

1880, in Verrill, *AJS* (3) 20: 395 [not figured] (1880, *Fish Hawk* 870-873, off southern New England, 86-155 fms.); 1882, TCAAS 5: 452, pl. 57, fig. 2, genus changed to: *Pleurotomella*. Figured holotype USNM 38421; paratype YPM 15715; [both] sta. 871.

casta Verrill and Bush, **Montacuta**

1898, PUSNM 20: 781, pl. 94, fig. 5 (1884, *Albatross* 2283, off Cape Hatteras, North Carolina, 14-17 fms.). Figured holotype USNM 77632.

casta Verrill and Bush, *Yoldia* (*Adranella*)

1898, PUSNM 20: 858, pl. 20, fig. 4 (1884, *Albatross* 2150, 382 fms.).
Holotype USNM 202933, single valve.

catharinae Verrill and Smith, *Pleurotomella*

1884, in Verrill, TCAAS 6: 155, pl. 31, figs. 9, 9a (1885, *Albatross* 2038, 2033 fms., 2041, 1608 fms., 2084, 1290 fms., 2115, 843 fms.). Figured holotype USNM 37871 sta. 2041; paratypes YPM 15719 sta. 2038; USNM 34845 sta. 2038; USNM 37846 sta. 2084; USNM 35597 and YPM 15720 both sta. 2215.

Cerithiella Verrill, Genus

1882, TCAAS 5: 522. New name for *Lovenella* Sars 1878, non Hincks 1869.

ceroplasta Bush, *Mangilia*

Plate 13, fig. 3

1885, TCAAS 6: 458 [not figured] ([1884] *Albatross* [2290], off Cape Hatteras [North Carolina], 9.75 fms.). Measured holotype USNM 44757.

chariessa Verrill, *Eulimella*

1884, TCAAS 6: 193, pl. 32, figs. 4, 4a, 4, *Ibid.* p. 290 errata, "for *charissa* read *chariessa*." (1883, *Albatross* 2038, 2033 fms.). Figured holotype USNM 35164; paratype YPM 15691, four specimens only.

Cheloteuthis Verrill, Genus

See under: **Chiloteuthis**.

Chiloteuthis [sic] Verrill, Genus

1881, TCAAS 5: 293. Type species: *Chiloteuthis rapax* Verrill 1881, by monotypy, *Ibid.* p. 446 errata, "read *Cheloteuthis*=(*Lestoteuthis*)."

Choristella Bush, Genus

1897, TCAAS 10: 138, fig. 8. Type species: *Choristella leptalea* Bush 1897, original designation. Bouchet and Warén (1979: 225) say, "An examination of the types of *Choristella leptalea* Bush, 1897 (type species of *Choristella*) and *C. tenera* Bush, 1897 [nude name of Bouchet and Warén] has proved that they are synonyms of *Choristes elegans* var. *tenera* Verrill 1882. Verrill's name has to be used for the type species." Type species of genera are not subject to arbitrary change.

Choristidae Verrill, Family

1882, TCAAS, 5: 540. Type genus: *Choristes* Carpenter 1872. "Choristidae has to be changed to Choristellidae" (Bouchet and Warén (1979: 225). See under: **Choristella** Bush, Genus.

cingulata Verrill, *Cithna*

1884, TCAAS 6: 184, pl. 32, fig. 7 (1883, *Albatross* 2076, 906 fms., 2084, 1290 fms., 2043, 1467 fms.). Figured holotype USNM 38101 sta. 2076; paratypes USNM 38105 sta. 2084 and USNM 38104 sta. 2043 (one at each station).

cingulatum Verrill, *Cyclostrema*

1884, TCAAS 6: 198, pl. 32, fig. 14 (1883, *Albatross* 2048, 547 fms.); non Philippi 1853, changed to: *Cyclostrema verrilli* Tryon 1888, Manual of Conchology 10: 90. Holotype USNM 38100, only specimen.

citrina Verrill, **Acanthodoris**

1879, *AJS* (3) 17: 313 [not figured] (Eastport, Maine); 1882, *TCAAS* 5: 549 [not figured]. Syntypes [not located in USNM or YPM].

collinsii Verrill, **Histioteuthis**

1879, *AJS* (3) 17: 241 (from the stomach of *Alepidosaurus*, 42°49'N, 62°57'W, off Nova Scotia); 1879, *TCAAS* 5: 234, pl. 22. Holotype USNM 730893 only specimen, *teste* Roper pers. comm.

complanata Verrill, **Doris**

1880, *AJS* (3) 20: 399 [not figured] (1880, *Fish Hawk* 872, about 70 miles south of Martha's Vineyard [Massachusetts], 85 fms.); 1882, *TCAAS* 5: 549, pl. 58, figs. 34, 34a, 34b. Syntypes USNM [presumed lost].

composa Verrill and Bush, **Eulima**

1900, *TCAAS* 10: 527, pl. 64, fig. 16 (Bermuda). Holotype YPM 15687, only specimen.

composa Bush, **Turbonilla**

Plate 17, fig. 2

1899, *PANSP* 52: 168 [not figured; no locality given]. Holotype ANSP 79015, only specimen.

concinnula Verrill, **Bela**

1882, *TCAAS* 5: 468, pl. 48, fig. 15; pl. 57, fig. 11 (from the region south of Martha's Vineyard [Massachusetts], in deep water, to Labrador, 1877-81, USFC [many stations]). Described holotype USNM 77344 sta. 245; paratype YPM 15640, Labrador.

conica Verrill, **Cocculina**

1884, *TCAAS* 6: 204 [not figured] (1883, *Albatross* 2078, 499 fms.). Holotype USNM 38441 [not located in 1972, *teste* F. Ruhoff].

conoides Verrill, **Poecilozonites nelsoni**

1906, *TCAAS* 12: 163 [119], fig. 45; pl. 25, pl. 26, fig. 4 (western shore of Castle Harbor [Bermuda], in a mass of red-clay and stalagmite; near Paynter's Vale; shore opposite Coney Island). Holotype YPM [not located; type not mentioned by Gould (1969: 508)], pl. 26, fig. 4, first locality.

conradi Bush, **Turbonilla**

1899, *PANSP* 52: 159, pl. 8, fig. 10 (Tampa Bay, Florida). Holotype ANSP 72052, only specimen.

constricta Bush, **Turbonilla incisa**

Plate 16, fig. 9

1899, *PANSP* 52: 157 [not figured] (West Florida). Lectotype, here selected, ANSP 79023; paralectotype ANSP 372504.

consuela A. H. Verrill, **Murex pulcher**

1950, *MCCSC* no. 101: 7, fig. (off Soufriere, Dominica [Lesser Antilles], 40-50 fms.). Type in author's collection.

convexa Bush, *Lissospira* “?”

1897, TCAAS 10: 132 [not figured] (1884, *Albatross* 2233, off Delaware Bay, 630 fms.). Holotype, only specimen [not located in USNM or YPM type collections].

cooperi S. I. Smith, *Caecum*

1860, ALNHNY 7: 154 [not figured] (northern part of Gardiner's Bay [Long Island, Suffolk Co., New York]); 1870, *in* Smith and Prime, ALNHNY 9: 393, fig. 3. Changed to: *Caecum costatum* Verrill, 1872, *AJS* (3): 283, pl. 6, fig. 6, non Carpenter 1864. Two syntypes [not located].

cordata Verrill and Bush, *Axinopsis*

1898, PUSNM 20: 795, pl. 97, figs. 5, 6 (1880–84, *Fish Hawk, Albatross*, six stations between 40°N, 14'30"W and 35°42'N, 74°54'30"W, 43–202 fms.). Figured syntypes USNM 159837, fig. 5, left valve, sta. 2307; fig. 6, right valve, sta. 1092; syntypes YPM 8793 sta. 2307.

cordata Verrill and Bush, *Lyonsiella*

1898, PUSNM 20: 818, pl. 95, figs. 7, 8 (1884–86, *Albatross*, three stations between 39°15'N, 68°8'W and 37°38'40"N, 73° 16'30"W, 1423–1825 fms.). Figured holotype USNM 52540 sta. 2568.

costata Bush, *Neaera*

1885, ARUSCF for 1883, p. 587 [85] (1883, *Albatross* 2108, off Hatteras [North Carolina], 48 fms.); 1885, TCAAS 6: 472, pl. 45, fig. 21. Figured holotype USNM 35362.

costatum Verrill, *Caecum*

1872, *AJS* (3) 3: 210, 283. New name for *Caecum cooperi* Smith 1860, non Carpenter 1864. See under: **cooperi** Smith, *Caecum*.

costellata Verrill and Bush, *Chlamys*

1897, *in* Verrill, TCAAS 10: 75 (off the coast of Newfoundland, 67 to 72 fms.); 1898, *in* Verrill and Bush, PUSNM 20: 835, pl. 86, fig. 6. Figured holotype USNM 52471 sta. 2465.

costulata Verrill, *Turbonilla*

1873, ARUSCF, p. 658 [364, not figured] (Long Island Sound, near New Haven [Connecticut]); 1884, TCAAS 6, pl. 32, fig. 2. Figured holotype YPM 15886. Non Risso 1826, changed to: *Turbonilla (Pyrgiscus) mighelsi* Bartsch (1909: 88, pl. 14, figs. 52, 54, Woods Hole [Barnstable Co., Massachusetts]), non *T. (P.) mighelsi*, changed to: *T. interrupta obesa* Bush (1909: 483, 484, fig. 3 [after Verrill]), with the note, “It [*mighelsi*] is a very stout form of *Turbonilla interrupta* and may be designated as variety *obesa*.” Figured holotype USNM 203770.

crenulata Verrill, *Arca pectunculoides*

Plate 6, fig. 2

1882, TCAAS 5: 575 [not figured] (1880–81, *Fish Hawk* 871, 873, 874, 876, 949, off Martha's Vineyard [Massachusetts], 85–120 fms.). Lectotype, here

selected, USNM 74134 sta. 874; paralectotypes YPM 6687 sta. 871; YPM 6729 sta. 873; YPM 6731 sta. 874; YPM 6688 sta. 876 and YPM 6668 sta. 949.

crispum Verrill and Bush, **Caecum**

1900, TCAAS 10: 539, pl. 65, fig. 3 (Bermuda). Figured holotype YPM 15666.

cryptospira Verrill, **Rotella**

Plate 10, fig. 8

1884, TCAAS 6: 241 [not figured] (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.). Lectotype, here selected, USNM 35731.

cuneata Verrill and Bush, **Montacuta**

1898, PUSNM 20: 782, pl. 91, fig. 4; pl. 93, fig. 5 (1883-84, *Albatross* 2278, off Cape Hatteras, North Carolina, 15-16 fms.). Figured holotype USNM 77630; paratype YPM 8849.

curta Verrill, **Gymnobela**

1884, TCAAS 6: 158, pl. 31, fig. 10 (1883, *Albatross* 2043, 1467 fms., 2076, 906 fms., 2077, 1255 fms., 2084, 1290 fms. largest number at this station, 2097, 1917 fms., 2115, 843 fms.). Figured holotype USNM 37795 sta. 2084; paratypes USNM 34854 sta. 2043; YPM 15694 sta. 2043; USNM 37812 sta. 2076; YPM 15692 sta. 2076; USNM 37798 sta. 2077; YPM 15693 sta. 2077; USNM 37795 sta. 2084; YPM 15696 sta. 2084; USNM 35227 sta. 2097 and USNM 37794 sta. 2115.

curta Verrill and Bush, **Yoldiella**

1898, PUSNM 20: 868, pl. 97, fig. 8 (1883-86, *Albatross*, three stations between 41°11'30"N, 66°12'20"W and 39°38"N, 70°22"W, 499-1290 fms.). Figured holotype USNM 38457 sta. 2084.

curtus Verrill, **Stilifer**

1882, TCAAS 5: 535 [not figured] (1881, *Fish Hawk* 1028, off Martha's Vineyard [Massachusetts], 410 fms.) [not in USNM or YPM type collections].

Cyclopecten Verrill, Genus

1897, TCAAS 10: 70. Type species listed: *Pecten pustulosus* Verrill 1873, *Pecten imbrifer* Loven 1846.

Cyclostremella Bush, Genus

1897, TCAAS 10: 140. Type species: *Cyclostremella humilis* Bush 1897, original designation.

dalli Bush, **Circulus**

1897, TCAAS 10: 126, pl. 23, figs. 3, 3a, 6 (1886, *Albatross* 2655, 338 fms., YPM; 1884, *Albatross* 2307, off Cape Hatteras [North Carolina], 43 fms., USNM). Figured holotype YPM 15802; paratype USNM 44983.

dalli Verrill, **Cocculina**

Plate 10, fig. 10

1884, TCAAS 6: 203 [not figured] (1883, *Fish Hawk* 1096, 317 fms.). Holotype USNM 38081, only specimen.

dalli Verrill, *Cyclostrema*

1882, TCAAS 5: 532, pl. 57, fig. 39 (1880, *Fish Hawk* 892, 894, off Martha's Vineyard [Massachusetts], 487, 365 fms.). New name for *Cyclostrema trochooides* Verrill 1880, non Friele, Sars 1876. Figured holotype USNM 38406, with smaller paratypes.

dalli Verrill, *Cylichna* (Provisional Genus)

1882, TCAAS 5: 542 [not figured] (1881, *Fish Hawk* 997, 999 off Martha's Vineyard [Massachusetts], 335, 266 fms.); 1884, *Ibid.* 6: pl. 29, fig. 15. Figured holotype USNM 76279 sta. 999.

dalli Verrill and Smith, *Pleurotoma*

1882, in Verrill, TCAAS 5: 451, pl. 57, figs. 1, 1a (1881, *Fish Hawk* 1035, 1036, 1039, off Martha's Vineyard [Massachusetts], 94-146 fms.; 1046, off Delaware Bay, 104 fms.). Figured holotype USNM 37860 sta. 1035.

dalli Bush, *Pleurotomella*

1893, BMCZ 23: 208, pl. 2, figs. 2, 2a (1880, *Blake* 325, off Cape Fear [North Carolina], 647 fms.). Holotype MCZ 119126, only specimen.

dalli Bush, *Turbonilla*

late 16, fig. 7

1899, PANSP 52: 169, pl. 8, fig. 8 (Sarasota Bay [Florida], ANSP; Cape Hatteras [North Carolina], USNM; Egmont Keys, [Florida], YPM). Figured holotype ANSP [lost]. Lectotype, here selected, ANSP 72049; paralectotypes ANSP 372506, USNM 94804 and YPM 10310.

dalliana Verrill and Smith, *Scalaria*

1880, in Verrill, AJS (3) 20: 395 [not figured] (1880, *Fish Hawk* 869-871, 873, off Delaware Bay, 105-192 fms.); 1882, TCAAS 5: 527, fig. 33. Lectotype USNM 44792 sta. 869 selected by Clench and Turner (1951: 278, pl. 126, fig. 3); paralectotypes USNM 44749 sta. 1032; YPM 15734 sta. 1032 and MCZ 196608 ex. YPM.

debile Verrill and Bush, *Caecum*

Plate 17, fig. 7

1900, TCAAS 10: 538 [not figured] (Bermuda). Holotype YPM 15667.

decurrens Verrill and Bush, *Tornatina*

1900, TCAAS 10: 523, pl. 64, fig. 1 (Bermuda). Figured holotype YPM 15775, with two paratypes.

delicatulum Verrill and Bush, *Caecum*

1900, TCAAS 10: 538, pl. 65, fig. 4 (Bermuda). Probable figured holotype YPM 15668 [was originally glued down, and is now only a half shell (longitudinal) without septum, R. G. Moolenbeek, pers. comm.] and 10 paratypes.

Desmoteuthidae Verrill, Family

1881, TCAAS 5: 300. Genera mentioned: *Desmoteuthis* Verrill 1881 and *Taonius* Steenstrup 1861.

Desmoteuthis Verrill, Genus

1881, TCAAS 5: 300. Type species: *Lechia hyperborea* Steenstrup 1856, by monotypy.

diaphana Verrill, *Astyris*

1882, TCAAS 5: 513, pl. 58, fig. 2 (1880-81, *Fish Hawk* [869], 870, 876, off Martha's Vineyard [Massachusetts], 65-487 fms.; off Chesapeake Bay, 300 fms.). Figured holotype USNM 45302 sta. 869; paratypes YPM 18694 sta. 870 and YPM 15760 sta. 876.

diaphana Verrill, *Leptoteuthis*

1884, TCAAS 6: 141, pl. 32, fig. 1 (1883, *Albatross* 2037, 1731 fms.); 1885, ARUSCFF for 1883, pl. 22, fig. 62. Figured holotype USNM 38242, *teste* Roper and Sweeney (1978: 6).

diaphanum Verrill, *Cyclostrema*

1884, TCAAS 6: 199, pl. 32, fig. 16 (1883, *Albatross* 2004, 98 fms.). Figured holotype USNM 38409.

didyma Verrill and Bush, *Odostomia* (*Cyclodostomia*)

1900, TCAAS 10: 333, pl. 65, fig. 14 (Bermuda). Holotype YPM 15706, only specimen.

dilectus Verrill and Bush, *Hyalopecten*

1897, in Verrill, TCAAS 10: 80 (1885, *Albatross* 2570, off Martha's Vineyard [Massachusetts] 1813 fms.); 1898, in Verrill and Bush, PUSNM 20: 836, pl. 97, fig. 9. Holotype USNM 52539, only specimen.

diomedea Verrill, *Margarita* (*Solariella*) *infundibulum*

In Bush, 1893, BMCZ 23: 218, pl. 2, figs. 10, 11 (1884, *Albatross* 2221, south of Martha's Vineyard [Massachusetts], 1525 fms.). Figured holotype USNM 203083.

diomedea Verrill and Smith, *Pleurotomella*

1884, in Verrill, TCAAS 6: 152, pl. 31, figs. 5, 5a (1883, *Albatross* 2037, 2038, 2041, 2042, 2043, 2048, 2096, 1290-2033 fms.). Figured holotype USNM 34828 sta. 2041; paratypes USNM 34827 sta. 2038; YPM 15721 sta. 2038; YPM 15722 sta. 2041 and YPM 15723 sta. 2096. Is *Pleurotomella bandella* (Dall 1881), *teste* Verrill, *Ibid.* p. 250.

dispar Verrill, *Sipho profundicola*

Plate 12, fig. 5

1884, TCAAS 6: 171 [not figured] (1883, *Albatross* 2042, 1555 fms.). Holotype [measured specimen] USNM 37955, *teste* Bouchet and Warén (1985: 211).

disparilis Verrill, *Odostomia*

Plate 15, fig. 6

1884, TCAAS 6: 196 [not figured] (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.). Holotype USNM 38042, only specimen.

dissimilis Verrill and Bush, *Yoldiella*

1898, PUSNM 20: 872, pl. 78, fig. 8; pl. 82, fig. 7 (1883-86, *Albatross*, four stations between 39°49'N, 68°28'30"W and 36°47'N, 73°9'30"W, 1451-1685 fms.). Figured holotype USNM 38416 sta. 2043.

dominicana A. H. Verrill, *Astraea tuber*

1950, MCCSC no. 101: 7, fig. (St. Thomas, Tortola [Virgin Islands]; Dominica [Lesser Antilles]). Type in author's collection.

Doridella Verrill, Genus

1870, *AJS* (2) 50: 408. Type species: *Doridella obscura* Verrill 1870, by monotypy.

eburnea Verrill, **Cylichna**

1885, *TCAAS* 6: 428, pl. 44, fig. 14 (1884, *Albatross* 2265, off Cape Hatteras [North Carolina], 70 fms.). Holotype USNM 44757, only specimen.

edentuloides Verrill, **Loripes**

Plate 3, fig. 2

1870, *AJS* (2) 49: 226 [not figured] (La Paz [Baja California]). Holotype YPM 8884, single valve.

edwardsii Verrill, **Scyllaea**

1878, *AJS* (3) 16: 211 (Woods Hole, Massachusetts on eel-grass (*Zostera*) in the harbor, and in Vineyard Sound on floating *Sargassum*); 1882, *TCAAS* 5: 550, pl. 42, fig. 10; 1885, *ARUSCF* for 1883, pl. 28, fig. 109. Syntypes YPM [presumed lost].

electa Verrill and Bush, **Scala**

1900, *TCAAS* 10: 536, pl. 64, fig. 11 (Bermuda). Figured holotype YPM 15777.

Eledonella Verrill, Genus

1884, *TCAAS* 6: 144. Type species: *Eledonella pygmaea* Verrill 1884, by monotypy.

elegans Verrill, **Dendronotus**

1880, *PUSNM* 3: 385 [not figured] (1879, *Speedwell* 330, off Cape Cod [Massachusetts], 26 fms.); 1882, *TCAAS* 5: 551 [not figured] [not in USNM or YPM type collections].

elegans Verrill and Smith, **Fossarus**

1882, in Verrill, *TCAAS* 5: 522, pl. 57, fig. 28 [*Fossarus latericeus* on plate caption] (1881, *Fish Hawk* 949, off Martha's Vineyard [Massachusetts], 100 fms.). Figured holotype USNM 45297.

elegans Verrill, **Propilidium**

1884, *TCAAS* 6: 205 [not figured] (1883, *Albatross* 2105, 1395 fms.). Two syntypes USNM 38072, only specimens [only one now extant].

elegans Verrill, **Tivela**

Plate 4, fig. 3

1870, *AJS* (2) 49: 220 [not figured] (La Paz [Baja California]; Acajutla [Salvador]; Realejo [Nicaragua]). Lectotype, here selected, YPM 1843, single valve, Acajutla.

elegans Verrill, **Turbonilla**

1872, *AJS* (3) 3: 210, 282, pl. 6, fig. 4 (USFC, Vineyard Sound [Massachusetts], 8-10 fms., shelly bottom). Syntypes YPM [not located].

ellipticus Verrill and Bush, **Axinodon**

1898, *PUSNM* 20: 796, pl. 90, figs. 5, 6; pl. 92, fig. 1 (1883, *Albatross* 2096, 1451 fms.). Figured holotype USNM 35175; paratype YPM 8792, only two specimens.

Elysiella Verrill, Genus

1872, *AJS* (3) 3: 283. Type species: *Placobranchus catulus* Gould 1870, by monotypy.

emertoni Verrill and Smith, **Pleurotomella**

1884, in Verrill, *TCAAS* 6: 154, pl. 31, fig. 6 (1883, *Albatross* 2097, 1917 fms.). Figured holotype USNM 35232.

emertoni Verrill, **Polycerella**

1880, *PUSNM* 3: 387 [not figured] (Woods Hole, Massachusetts, at the surface, among eel-grass; on hydroids from the piles at Long Wharf, New Haven, Connecticut; Newport, Rhode Island on filamentous algae); 1882, *TCAAS* 5: 548 [not figured]. Syntypes YPM [not located].

emertoni Verrill, **Turbonilla**

1882, *TCAAS* 5: 536, pl. 58, figs. 14, 14a (1880, *Fish Hawk* 895, off Martha's Vineyard [Massachusetts], 238 fms.) Figured holotype USNM 153543; paratype YPM 15746.

engonia Verrill and Bush, **Eulima**

Plate 16, fig. 1

1900, *TCAAS* 10: 527, pl. 64, fig. 7 ([Ship Channel] Bermuda, 30-40 ft.). Lectotype, here selected, YPM 15688.

engonia Verrill, **Gymnobela**

Plate 14, fig. 5

1884, *TCAAS* 6: 157 [not figured] (1883, *Albatross* 2041, 1608 fms., 2084, 1290 fms.). Holotype [so labeled] USNM 34835 sta. 2041; paratype USNM 37818 sta. 2084.

engonia Bush, **Odostomia**

Plate 15, fig. 3

1885, *TCAAS* 6: 466 [not figured] ([1884] *Albatross* [2276], off Cape Hatteras [North Carolina], 15-16 fms.). Measured holotype USNM 44762; paratype YPM 16148.

ephamilla Bush, **Mangilia**

1885, *ARUSCFF* for 1883, p. 580 [78] (1883, *Albatross* 2108, off Cape Hatteras [North Carolina], 48 fms.); 1885, *TCAAS* 6: 457, pl. 45, figs. 4, 4a. Figured holotype USNM 35404.

ephamilla Verrill, **Spirotropis**

Plate 14, fig. 3

1884, *TCAAS* 6: 162 [not figured] (1883, *Albatross* 2097, 1917 fms., 2098, 2221 fms.). Measured holotype USNM 35237 sta. 2098, only living specimen; paratype YPM 15739 sta. 2097, dead and much eroded.

equalis Verrill and Bush, **Cryptodon**

1898, *PUSNM* 20: 788, pl. 91, figs. 5, 6 (1873, *Bache* 18 is 13°15.5'N, 69°06'W, SW from Jeffreys Bank, 100 fms.). Figured holotype USNM 74302; paratype USNM 149867.

eritima Bush, **Mangilia**

Plate 13, fig. 4

1885, *TCAAS* 6: 456 [not figured] ([1884] *Albatross* [2280], off Cape Hatteras [North Carolina], 14-17 fms.). Holotype USNM 44758.

eritima Verrill, **Seguenzia**

1884, TCAAS 6: 189, pl. 31, fig. 15 (1883, *Albatross* 2038, off Nantucket Shoals, 2033 fms., 2084, 1290 fms., 2043, 1467 fms.). Holotype USNM 38092 sta. 2038; paratypes USNM 38249 sta. 2084 and USNM 38269 sta. 2043.

eritmeta Bush, **Leptogyra**

Plate 10, fig. 4

1897, TCAAS 10: 137 [not figured] (1884, *Albatross* 2174, off Delaware Bay, 1594 fms.). Holotype USNM 77625, only specimen.

eritmeta Verrill, **Puncturella (Fissurisepta)**

1884, TCAAS 6: 204, pl. 32, figs. 19, 19a (1883, *Albatross* 2096, 1451 fms.). Holotype USNM 35174, only specimen.

fimbriata Verrill and Smith, **Torellia**

1882, TCAAS 5: 520, pl. 57, figs. 27, 27a (1880-81, *Fish Hawk* 869, 878, 939, 1025, 1026, 1033, 1038, off Martha's Vineyard [Massachusetts], 142-258 fms.; 1873, *Bache* 21B, is 42°49'N, 68°50'W near Cashes Ledge, off the coast of Maine, 52-90 fms.). Figured holotype USNM 45415 sta. 878.

flava Verrill, **Elysia**

1901, TCAAS 11: 30, pl. 4, fig. 1 (Castle Harbor, Waterloo [Bermuda], under stones at low tide). Holotype YPM [not located].

flexuosa Verrill and Smith, **Mytilimeria**

1881, in Verrill, *AJS* (3) 22: 302 (1881, *Fish Hawk* 947, off Martha's Vineyard [Massachusetts], 312 fms.); 1882, TCAAS 5: 567, pl. 58, fig. 38. Holotype USNM 46129, only specimen.

formosa Verrill and Bush, **Cuspidaria**

1898, PUSNM 20: 803, pl. 74, fig. 6; pl. 79, fig. 9 (1886, *Albatross* 2706, 1188 fms.). Holotype USNM 78313, only specimen.

formosa Verrill, **Doto**

1875, *AJS* (3) 10: 41, pl. 3, fig. 4 (1874, off Point Judith [Rhode Island] 10-14 fms.). Figured holotype YPM [presumed lost].

formosa Verrill and Smith, **Turbonilla**

1880, in Verrill, *AJS* (3) 20: 398 [not figured] (1880, *Fish Hawk* 891, 892, about 100 miles south of Newport, Rhode Island, 487, 500 fms.); 1882, TCAAS 5: 537, pl. 58, fig. 16, non [*Odostomia formosa*] Jeffreys [1848], changed to: *T. bushiana* Verrill 1882. Syntypes USNM 45470 and YPM 15747 sta. 891; syntypes USNM 45471 and YPM 154748 sta. 892.

fragilis Verrill and Bush, **Martesia (Martesiella)**

1898, PUSNM 20: 777, pl. 79, fig. 10 (1885, *Albatross* near 2566, in floating wood). Figured holotype USNM 52543 selected as lectotype by Turner (1955: 111, pl. 65, fig. 1); paralectotype YPM 8844.

fragilis Verrill, *Crenella*

1885, TCAAS 6: 444 [not figured] (1884, *Albatross* 2265, off Chesapeake Bay, 70 fms.); 1898, in Verrill and Bush, PUSNM 20: 847, pl. 83, figs. 1, 2. Holotype USNM 41543, fig. 1; paratype YPM 8761 [formerly USNM 40676], fig. 2, with note, "hinge figured."

fragilis Verrill and Bush, *Montacuta bidentata*

1898, PUSNM 20: 780, pl. 92, fig. 8 (1880, *Fish Hawk* 816, 817 near Bretons Reef Lightship, Narragansett Bay, [Rhode Island], 8.5-10 fms.). Holotype USNM 46134, only specimen.

fraterna Verrill and Bush, *Cuspidaria*

1898, PUSNM 20: 803, pl. 71, figs. 7, 8; pl. 75, fig. 6 (1880, *Fish Hawk* 894, off Martha's Vineyard [Massachusetts and 29 other stations], 365 fms.). Figured holotype USNM 48962.

fraterna Verrill and Bush, *Yoldiella*

1898, PUSNM 20: 867, pl. 80, fig. 5; pl. 82, fig. 8 (1873-86, *Bache*, *Fish Hawk*, *Albatross*, twenty stations between 47°40'N, 47°35'30"W and 37°8'N, 74°33'W, 90-1608 fms.). Figured holotype USNM 159714 sta. 947.

frielei Verrill, *Pleurotomella*

1885, TCAAS 6: 413, pl. 44, fig. 5 (1884, *Albatross* 2208, 1178 fms.). Figured holotype USNM 44653; paratype YPM 15724, only specimens.

Gastranella Verrill, Genus

1872, AJS (3) 3: 210, 286. Type species: *Gastranella tumida* Verrill 1872, by monotypy.

gemma Verrill and Bush, *Cardiomya*

1898, PUSNM 20: 809, pl. 71, figs. 3, 4; pl. 74, fig. 11 (1884, [*Albatross*] off Cape Hatteras [North Carolina], 16, 17 fms.). Figured holotype USNM 41456 sta. 2292; paratypes YPM 8794 sta. 2275 and YPM 8795 sta. 2276.

gemma Verrill, *Diaphana* (*Utriculus*)

1880, AJS (3) 20: 399 [not figured] (1880, *Fish Hawk* 871, 873, south of Martha's Vineyard [Massachusetts], 90 to 105 miles south of Newport, Rhode Island, 115, 100 fms.); 1882, TCAAS 5: 543, pl. 58, fig. 22. Figured holotype USNM 76242 sta. 873; paratype YPM 15682 sta. 871.

gemma Verrill, *Lyonsiella*

1880, PUSNM 3: 396 [not figured] (1880, *Fish Hawk* 893, off Martha's Vineyard [Massachusetts], 487 fms.); 1884, TCAAS 6: 258, pl. 30, figs. 7, 8, genus changed to: *Pecchiolia*. Holotype USNM 48552, only specimen.

georgiense Henderson, *Dentalium* (*Antalis*) *occidentale*

See under: *sulcatum* Verrill, *Dentalium occidentale*.

gibbosa Bush, *Odostomia*

1909, AJS (4) 27: 482. New name for *Odostomia modesta* Bartsch (1909: 108, pl. 13, fig. 50, Woods Hole [Barnstable Co., Massachusetts]) non Verrill 1875. Figured holotype USNM 203812.

gigantea Verrill, *Neaera*

1884, TCAAS 6: 223 [not figured] (1883, *Albatross* 2097, off Chesapeake Bay [Maryland], 1971 fms.); 1898, in Verrill and Bush, PUSNM 20: 811, pl. 76, figs. 4, 5, genus changed to: *Myonera*. Holotype USNM 35255, only specimen, damaged.

giganteus Verrill, *Octopus*

1897, AJS (4) 3: 163 [not figured] ([beach, some miles south of] St. Augustine, Florida); 1897, *The American Naturalist* 31: 364, pls. 7, 8. Fragment in USNM [lost] *teste* Gennaro (1971) who along with Mackel (1986) determined from a sample that it was an *Octopus*.

glabra Verrill, *Anomia*

1872, AJS (3) 3: 211, 288 [not figured]. Based on *A. ephippium* Gould (1841: 136; 1870: 204), non Linnaeus 1758, and *A. electrica* Gould (1870: 205), non Linnaeus 1758. Verrill 1873, ARUSCF, p. 696 [402], pl. 32, figs. 241, 242, 242a from Gould 1870.

Glomidae Verrill and Bush, Family

1898, PUSNM 20: 847. Type genus: *Glomus* Jeffreys 1876.

Glominae Verrill and Bush, Subfamily

1897, AJS (4) 3: 53, 59. Type genus: *Glomus* Jeffreys 1879.

glypta Bush, *Cardiomya*

1898 in Verrill and Bush, PUSNM 20: 810, pl. 71, fig. 1; pl. 76, figs. 3, 7. New name for *Neaera costata* Bush 1885, non Sowerby 1834, Hinds, 1843, *Proceedings of the Zoological Society of London* 11: 77. Figured holotype USNM 35362 sta. 2108.

glypta Bush, *Mangilia* “?”

1885, ARUSCF for 1883, p. 582 [80] (1883, *Albatross* 2108, off Cape Hatteras [North Carolina], 48 fms.); 1885, TCAAS 6: 461, pl. 45, figs. 5, 5a. Figured holotype USNM 35363 [labeled as lectotype].

glyptus Verrill, *Pecten*

1882, TCAAS 5: 580 [not figured] (1880-81 *Fish Hawk* 871, 873, 874, 876, 949, off Martha's Vineyard [Massachusetts], 85-120 fms.); 1897, *Ibid.* 10: 76, pl. 16, figs. 7-11. Syntype USNM 48742 sta. 949, figured by Clench and Pulley (1952: 59, pl. A, fig. 2).

glyptus Verrill, *Sipho*

1882, TCAAS 5: 505, pl. 57, fig. 22; pl. 58, figs. 1, 1a (1880-81, *Fish Hawk* 894, 895, 925, 928, 951, 1028, 1029, 1032, off Martha's Vineyard [Massachusetts], 219-458 fms.). Figured holotype USNM 38005 sta. 895; paratypes YPM 15300 sta. 894, YPM 15303 sta. 895, YPM 15302 sta. 951 and YPM 15229 sta. 1029.

goslingii Verrill, *Facelina*

1901, TCAAS 11: 34, pl. 4, fig. 6 (Hungry Bay [Bermuda], in the mangrove swamp, on a filamentous green algae). Holotype YPM [not located].

gouldii Verrill, **Bela**

1882, TCAAS 5: 465, pl. 57, figs. 6, 6a (1879, *Speedwell* 304, off Cape Cod [Massachusetts], 122 fms.; 1873, USFC, Casco Bay, Maine, 17-30 fms.; 1877 USFC, Halifax Harbor, Nova Scotia and Bedford Basin, 16-41 fms.). Figured holotype USNM 77435, off Nova Scotia; paratype YPM 15654 sta. 304.

gouldii Verrill, **Buccinum**

1882, TCAAS 5: 497. New name for *Buccinum humphreysianum* Bennett 1825, non Stimpson 1865. Based on Gould (1841, fig. 209) non *Buccinum ciliatum* Gould, Fabricius 1780.

gouldii Verrill, **Lamellaria pellucida**

1882, PUSNM 5: 329 [not figured] (1880, *Fish Hawk* 925, 938, 939, 946, 1029, off Martha's Vineyard [Massachusetts], 224-458 fms.; 1047, off Delaware Bay, 156 fms.); 1882, TCAAS 5: 518, pl. 58, fig. 3. Figured holotype USNM 203248 sta. 946.

gouldii Verrill, **Montagua**

1873, ARUSCF, p. 667 [373] [not figured] (off Thimble Island, Long Island Sound [Connecticut], 4-5 fms.). Syntypes YPM [not located].

gouldii Bush, **Odostomia (Odostomia)**

1909, AJS (4) 27: 482. New name for *Odostomia dealbata* Gould (1870: 327, fig. 595, Boston Harbor [Massachusetts], 3 fms.) non Stimpson 1851. Figured holotype Boston Society of Natural History [lost].

gracilis Verrill, **Acirsa**

1880, PUSNM 3: 377 [not figured] (1880, *Fish Hawk* 873, 894, off Martha's Vineyard [Massachusetts], 100-365 fms.); 1882, TCAAS 5: 528, pl. 57, fig. 31. Holotype USNM 44813 sta. 894, refigured by Clench and Turner (1952: 326, pl. 157, fig. 2), non *Scalaria gracilis* Sowerby 1844, changed by them to: *Epitonium (Boreoscala) pandion*; paratype YPM 15778 sta. 894.

gracilis Verrill, **Octopus**

1884, TCAAS 6: 236 [not figured] (1883, *Albatross* 2084, 1290 fms.). Holotype USNM 38431, only specimen, *teste* Roper and Sweeney (1978: 7).

grandis Verrill, **Cadulus**

1884, TCAAS 6: 219 [not figured] (1883, *Albatross* 2052, 1098 fms.; 2076, 906 fms.; 2084, 1290 fms.; 2103, 1091 fms.; 2111, 938 fms.; 2115, 843 fms.; 2043, 1467 fms.); 1885, *Ibid.* pl. 44, fig. 20. Figured holotype USNM 34735 sta. 2076, *teste* Henderson (1920: 105, pl. 17, fig. 12); paratypes MCZ 186804 sta. 2076 and USNM 35184 sta. 2084.

grandis Verrill and Smith, **Cryptodon**

1885, in Verrill, TCAAS 6: 436, pl. 44, fig. 22 (1883, *Albatross* 2111, off Cape Hatteras [North Carolina], 938 fms.; 1884, *Albatross* 2228, 1582 fms., 2231, 965 fms.). Figured holotype USNM 44824 sta. 2231; paratype USNM 35757 sta. 2111.

grandis Verrill and Bush, *Solemya*

1898, PUSNM 20: 885, pl. 86, figs. 1-2 (1880-84 *Fish Hawk*, *Albatross*, four stations between 39°58'30"N, 70°30'W and 37°24'N, 74°17'W, 300-1600 fms.). Figured holotype USNM 51345, fig. 1, sta. 988; paratype USNM 40103, fig. 2, sta. 2072 and paratype YPM 5360 sta. 2137.

grandis Verrill, *Turbonilla*

Plate 17, fig. 4

1885, TCAAS 6: 427 [not figured] (1884, *Albatross* 2228, 1582 fms.). Holotype USNM 44791, only specimen.

granulifera Verrill and Bush, *Lyonsia*

1898, PUSNM 20: 818, pl. 95, fig. 1 (1885, *Albatross* 2492, 75 fms.). Holotype USNM 52561, single valve.

granulifera Verrill, *Pecchiola*

1885, TCAAS 6: 434 [not figured] (1884, *Albatross* 2229, off Chesapeake Bay [Maryland], 1423 fms.); 1898 in Verrill and Bush, PUSNM 20: 816, pl. 87, fig. 2; pl. 95, figs. 2, 3, 4. Genus changed to: *Verticordia*. Holotype USNM 44838, only specimen.

granulosa Verrill, *Nucula*

1884, TCAAS 6: 280 [footnote, not figured] (1880, *Fish Hawk* 892, off Martha's Vineyard [Massachusetts], 478 fms.; 1883, *Albatross* 2072, 858 fms.); 1898, in Verrill and Bush, PUSNM 20: 853, pl. 81, fig. 2; pl. 88, fig. 8. Figured holotype USNM 38451 sta. 892.

Gymnobela Verrill, Genus

1884, TCAAS 6: 157. Species listed: *Gymnobela engonia* Verrill 1884 and *G. curta* Verrill 1884. Type species: *G. engonia* Verrill subsequent designation, Cossmann (1896: 63).

Halopsyche Verrill, Genus

1880, PUSNM 3: 393. New name for *Psyche* Rang 1825, non Schrank 1801. Type species: *Psyche globulosa* Rang, by monotypy.

hargerii Verrill, *Pleuropus*

1882, TCAAS 5: 555 [not figured] (1872, *Bache* 84B is 41°25'N, 65°50'3"W; 85B is 41°25'N, 65°42'3"W east of Georges Bank, 65, 430 fms.) [not in USNM or YPM type collections].

harpa Verrill, *Rissoa* (*Cingula*)

1880, PUSNM 3: 374 [not figured] (1877, *Speedwell* 34, off Massachusetts Bay, 160 fms.); 1880, *Fish Hawk* 892, 894 off Newport [Rhode Island], 487, 365 fms.); 1882, TCAAS 5: 523, pl. 58, fig. 6, as *Cingula harpa* (Verrill). Figured holotype USNM 43693 sta. 34.

hebes Verrill, *Actaeon*

1885, TCAAS 6: 428, pl. 44, fig. 15 (1884, *Albatross* 2224, 2574 fms.). Holotype USNM 44656; paratype YPM 15637.

hebes Verrill, *Bela*

1880, PUSNM 3: 367 [not figured] (1880, *Fish Hawk* 891, 892, off Martha's Vineyard [Massachusetts], 500, 487 fms.); 1882, TCAAS 5: 459, pl. 57, fig.

7. Figured holotype USNM 37847 sta. 891, mentioned by Bouchet and Warén (1980: 56); paratype YPM 15655.

hebes Verrill, *Sipho caelatus*

1884, TCAAS 6: 172 [not figured] (1883, *Albatross* 2003, 640 fms., 2077, 1255 fms., 2103, 1091 fms.). Lectotype USNM 35425 sta. 2103, selected by Bouchet and Warén (1985: 212) [not figured, not seen]; paralectotypes YPM 15271 sta. 2003; USNM 38015 sta. 2077 and USNM 35424 sta. 2103.

heilprini Bush, *Turbonilla*

1899, PANSP 52: 167, pl. 8, fig. 13 (Bermuda). Figured holotype ANSP 79009.

helenae A. H. Verrill, *Murex*

1953, MCCSC no. 132: 10, 2 figs. (off Montserrat [Island], Lesser Antilles). Type and paratype [presumed to be in author's collection].

hemphilli Bush, *Turbonilla*

1899, PANSP 52: 169, pl. 8, fig. 3 (Sarasota Bay [Florida], ANSP; West Florida, YPM). Figured holotype ANSP 79013; three paratypes YPM 10302.

henica Verrill and Bush, *Siphonaria*

1900, TCAAS 10: 524, pl. 55, fig. 6; pl. 56, fig. 8 (Bailey Bay, Bermuda; shore). Holotype YPM 15738, only specimen.

Heterodoridae Verrill, Family

1882, TCAAS 5: 549. Type genus: *Heterodoris* Verrill and Emerton 1882, with the statement, "This genus will probably have to be made a new family, *Heterodoridae*."

Heterodoris Verrill and Emerton, Genus

1882, in Verrill, TCAAS 5: 548. Type species: *Heterodoris robusta* Verrill and Emerton 1882, by monotypy.

hispidulus Verrill, *Sipho*

Plate 13, fig. 1

1884, TCAAS 6: 239 [not figured] (1883, *Albatross* 2033, 379 fms.). Holotype USNM 34840, only specimen.

Histioteuthidae Verrill, Family

1881, TCAAS 5: 431. Type genus: *Histioteuthis* Orbigny.

humilis Bush, *Cyclostremella*

1897, TCAAS 10: 141, pl. 22, figs. 8, 8b (1883-84, *Albatross* 2112, 2274, 2277, 2278, off Cape Hatteras, North Carolina, 15.5-16 fms.). Figured holotype USNM 41634 sta. 2278; paratype YPM 15807 sta. 2078.

hyalina Verrill and Bush, *Limatula*

Plate 9, fig. 2

1898, PUSNM 20: 825 [not figured] (1885, *Albatross* 2367- 2374, 25-124 fms.). Holotype USNM 202850, figured by Stuardo (1968, pl. 8, fig. 18); paratypes YPM 8647; both stas. 2369-2374.

Hyalopecten Verrill, Genus

1897, TCAAS 10: 71. Type species: *Hyalopecten undatus* Verrill 1897, original designation.

hyatti Verrill, **Rossia**

1878, AJS (3) 16: 209 (Massachusetts Bay, 50 fms.; off Cape Sable, 88-92 fms., off Halifax, 57-100 fms., both [Nova Scotia]); 1880, AJS (3) 19: 291, pl. 15, figs. 1, 2. Not mentioned as in USNM by Roper and Sweeney (1978). Specimen labeled "paratype" YPM 16078, *Speedwell* stas. 85-86.

hypsela Verrill and Bush, **Eulima**

Plate 16, fig. 2

1900, TCAAS 10: 526, pl. 64, fig. 9 (Bermuda). Figured holotype ANSP 103471; paratypes YPM 15689 with the note, "specimen depicted sent to Pilsbry [*i.e.* ANSP]."

incisa Bush, **Turbonilla**

Plate 16, fig. 8

1899, PANSP 52: 156, pl. 8, fig. 12 (West Florida). Figured holotype ANSP [lost]; lectotype, here selected, ANSP 62800; paralectotype ANSP 372503.

incisula Verrill, **Bela**

Plate 11, fig. 1

1882, TCAAS 5: 461, pl. 43, fig. 12; pl. 57, fig. 14 (Labrador; Eastport Harbor, Maine; Bay of Fundy, 5-10 fms.; Georges Bank, Casco Bay and Gulf of Maine, seven stations [subsequently numerous USFC stations, not individually listed here]). Figured holotype USNM 77165 *Fish Hawk* 899; paratypes YPM 15656, Labrador; YPM 15657 *Speedwell* stas. 98-99 and YPM 15658 *Fish Hawk* 987.

incisus Bush, **Cadulus**

1885, TCAAS 6: 471, pl. 45, fig. 20 ([1884] *Albatross* [2272], off Cape Hatteras [North Carolina], 15 fms.). Figured holotype USNM 44860; two paratypes YPM 15865.

inclinata Bush, **Turbonilla**

Plate 16, fig. 4

1899, PANSP 52: 167 [not figured] (St. Thomas, West Indies). Holotype ANSP 72044, only specimen.

inconspicua Bush, **Leptogyra**

Plate 18, figs. 1-3

1897, TCAAS 10: 137 [not figured] (1884, *Albatross* 2174, off Delaware Bay, 1594 fms.). Holotype USNM 77624.

inconspicua Verrill, **Runcina**

1901, TCAAS 11: 28, pl. 3, fig. 6 (Castle Harbor [Bermuda], at low tide under stones). Holotype and paratypes YPM [not located].

inconspicua Verrill and Bush, **Yoldiella**

1898, PUSNM 20: 869, pl. 79, figs. 3, 5 (1878-86, *Speedwell*, *Fish Hawk*, *Atlantis*, fifteen stations between 42°33'N, 69°58.5'W and 35°12'10"N, 74°57'15"W, 100-705 fms.). Figured holotype USNM 48867 sta. 947.

inequalis Verrill and Bush, **Axinopsis orbiculata**

1898, PUSNM 20: 795, pl. 92, figs. 5, 6 (Eastport, Maine, 1872; Bay of Fundy). Figured holotype USNM 159850, from Eastport, Maine.

inequalis Verrill and Bush, **Cryptodon (Axinulus)**

1898, PUSNM 20: 791, pl. 90, figs. 1, 2 (1877, *Speedwell* 98, 99 [and nine other stations, not listed] midway between Sandwich Point and McNabs Island Light, Halifax Harbor [Nova Scotia], 18 fms.). Figured holotype

USNM 159850; paratypes YPM 8775 sta. 293.

inflata Boss, *Pandora* (*Pandorella*)

See under: *brevis* Verrill and Bush, *Kennerlia*.

inflata Verrill and Bush, *Yoldiella*

1897, *AJS* (4) 3: 56, figs. 3, 4, 11 (1883-86, USFC, about 20 stations from south of Georges Bank to Cape Hatteras [North Carolina], 516-1608 fms.); 1898, *PUSNM* 20: 864, pl. 80, fig. 8. Figured holotype USNM 38417, fig. 8, sta. 2041.

Inioteuthis Verrill, Genus

1881, *TCAAS* 5: 417 [footnote]. Species listed: *Inioteuthis japonica* and *I. morsei*, both 1881. Type species: *I. japonica* Sasaki (1929: 140), subsequent designation.

inornata Verrill and Bush, *Clidiophora*

1898, *PUSNM* 20: 819, pl. 95, figs. 5, 6 (1872-81, USFC, twenty-three stations, north of Cape Cod, off Stellwagen Bank, and off Chatham [Massachusetts], 10-43 fms.). Figured holotype USNM 49760, refigured by Boss (1965: 197, pl. 120, figs. 1, 2); paratype YPM 8837; both *Speedwell* 327, off south end of Stellwagen Bank, 17 fms.

insculpta Verrill, *Chlamys islandica*

1897, *TCAAS* 10: 73, pl. 16, fig. 4-5b (Bay of Fundy and northward to Greenland and Iceland, down to 179 fms.; as far south as Cape Cod, 20-100 fms.; off Martha's Vineyard [Massachusetts], dead; 69-194 fms.) [not in USNM or YPM type collections].

insignis Verrill and Bush, *Cryptodon*

1898, *PUSNM* 20: 785, pl. 91, figs. 1-2 (1885, *Albatross* [off Nova Scotia] 2499, 130 fms.). Figured syntypes USNM 52596, two left valves [not 52733 as published].

iris Verrill and Bush, *Yoldiella*

1898, *PUSNM* 20: 863, pl. 80, fig. 2; pl. 82, fig. 11 (1872-86, *Bache, Fish Hawk, Albatross*, 45 stations between 47°40'N, 47°35'30"W and 35°12'10"N, 74°57'15"W, 20.5-781 fms.). Figured syntypes USNM 159722 sta. 895.

ischna Bush, *Turbonilla pupoides*

1899, *PANSP* 52: 153, pl. 8, fig. 5 (Bermuda). Figured holotype ANSP 79014; three paratypes ANSP 372507.

isocardia Verrill, *Venus*

Plate 4, fig. 1

1870, *AJS* (2) 49: 221 [not figured] (near La Paz [Baja California]). Lectotype, here selected, YPM 4941.

japonica Verrill, *Inioteuthis*

1881, *TCAAS* 5: 417 [footnote] (Bay of Yeddo, Japan, E. S. Morse) [not in YPM type collection].

jeffreysii Verrill, *Pleurotomella*

1885, TCAAS 6: 411, pl. 44, fig. 3 (1884, *Albatross* 2222, 1537 fms., 2230, 1168 fms.). Figured holotype USNM 44649 sta. 2222; paratype USNM 44650 sta. 2230, only specimens.

jonesii Verrill and Bush, *Odostomia*

1900, TCAAS 10: 531, pl. 64, fig. 13 (Bermuda). Figured holotype YPM 15707; paratype YPM 15708.

junonia Verrill, *Semele*

Plate 5, fig. 1

1870, *AJS* (2) 49: 217 [not figured] (near La Paz [Baja California]). Lectotype selected by Coan (1988: 28, fig. 49) YPM 4080.

Kelliposis Verrill and Bush, Genus

1898, PUSNM 20: 783. Type species: *Montacuta elevata* Simpson 1851, original designation.

Koonsia Verrill, Genus

1882, TCAAS 5: 545. Type species: *Koonsia obesa* Verrill 1882, by monotypy.

lacertosa Verrill, *Chiroteuthis*

1881, TCAAS 5: 408, pl. 56, figs. 1-1f (1881, Browns Bank, off Nova Scotia, codfish stomach, W. Demsey to USFC; 1881, *Fish Hawk* 1048, off the Capes of Delaware, 435 fms.). Holotype USNM 574637, former locality; paratype [not found], latter locality, *teste* Roper and Sweeney (1978: 8).

lactea Verrill, *Lamellidoris*

1900, TCAAS 10: 548 [not figured] (Bailey Bay Island [Bermuda], at low water mark among corallines); 1901, *Ibid.* 11: 32, pl. 4, figs. 8, 8a, 8b. Holotype YPM [not located], only specimen.

lamellosa Verrill and Smith, *Margarita*

1880, *in* Verrill, *AJS* (3) 20: 397 [not figured] (1880, *Fish Hawk* 871, south of Martha's Vineyard [Massachusetts], 115 fms.); 1882, TCAAS 5: 530, pl. 57, fig. 38. Figured holotype USNM 44738.

lamellosus Verrill, *Idas argenteus*

1882, TCAAS 5: 579 [not figured] (1881, *Fish Hawk* 997, off Martha's Vineyard [Massachusetts], 335 fms.); 1884 *Ibid.* 6: pl. 30, fig. 16. Figured holotype USNM 38210; paratype YPM 8831 sta. 997.

laqueatum Verrill, *Dentalium*

1885, TCAAS 6: 431, pl. 44, fig. 18 (1884, *Albatross* 2268, off Chesapeake Bay [Maryland], 68 fms.). Holotype USNM 44671, only specimen.

lata Verrill and Bush, *Tindaria*

Plate 7, fig. 1

1898, PUSNM 20: 882 [not figured] (1885, *Albatross* 2385, [Gulf of Mexico], 730 fms.). Measured holotype USNM 203000.

latericeus Verrill [?], *Fossarus*

1882, TCAAS 5: 586, pl. 57 fig. 28. See under: *elegans* Verrill and Smith, *Fossarus*.

Ledella Verrill and Bush, Genus

1897, AJS (4) 3: 54. New name for *Junonia* Seguenza 1877, non Hubner 1818. Type species: *Leda messanensis* Seguenza M. S., Jeffreys 1872, original designation. Changed to: *Ledella bushae* Warén 1978 in 1985, Bulletin of Zoological Nomenclature 42 (2): 146, Opinion 1306, *Ledella* name no. 2249, *L. bushae* name no. 2944.

leana Verrill, Scalaria (Cirsotrema)

1882, TCAAS 5: 526, pl. 57, fig. 34 (1881, *Fish Hawk* 1038, off Martha's Vineyard [Massachusetts], 146 fms.). Holotype USNM 44806, refigured by Clench and Turner (1952: 349, pl. 172).

lens 'Stimpson' Verrill, Astarte

1872, AJS (3) 3: 213, 287 [not figured]. Based on *Astarte crebricostata* Gould (1870: 126, fig. 440), non Forbes 1847.

lens Verrill and Smith, Loripes

Plate 5, fig. 3

1880, in Verrill, AJS (3) 20: 400 [not figured] (1880, *Fish Hawk* 865-879 off the coast of southern New England, 65-142 fms.; 1879, off Cape Cod [Massachusetts], many places, 40-120 fms.). Probable measured syntype, here selected lectotype, USNM 64270 sta. 874; paralectotypes YPM 9104 sta. 870.

lentus Verrill, Octopus

1880, AJS (3) 19: 138 [not figured] (near La Have Bank, off Nova Scotia, 120 fms.); 1881, TCAAS 5: 375, pl. 35. Figured holotype USNM 34223, *teste* Roper and Sweeney (1978: 8). Subsequently figured specimen MCZ 3495, 1880, *Blake* 329, 603 fms.; Verrill, 1881, BMCZ 8: 108, pl. 4, fig. 2.

Lepetella Verrill, Genus

1880, AJS (3) 20: 396. Type species: *Lepetella tubicola* Verrill and Smith 1880, by monotypy.

leptalea Bush, Choristella

1897, TCAAS 10: 139, figs. 8, 9; pl. 23, figs. 16, a (1885, *Albatross* 2547, off Martha's Vineyard [Massachusetts], 390 fms.). Holotype USNM 52504, only specimen.

leptalea Verrill, Cingula

1884, TCAAS 6: 182, pl. 32, fig. 10 (1883, *Albatross* 2072, 858 fms.). Holotype USNM 38060, only specimen.

leptalea Verrill, Cocculina

1884, TCAAS 6: 202, pl. 32, figs. 20, 20a, 20b (1883, *Albatross* 2036, 1735 fms., 2038, off Nantucket Shoals, 2033 fms., 2105, 1395 fms.). Holotype USNM 38079 sta. 2038; paratypes USNM 35128 sta. 2036 and USNM 35371 sta. 2105.

leptalea Bush, Pleurotomella

1893, BMCZ 23: 208, pl. 2, figs. 5, 5a (1880, *Blake* 325, off Cape Fear [North Carolina], 647 fms.). Holotype MCZ 119127, only specimen.

leptalea Bush, **Scalaria**

1885, TCAAS 6: 465 [not figured] ([1884] *Albatross* [2277], off Cape Hatteras [North Carolina], 14-16 fms.); 1893, BMCZ 23: 240, pl. 1, fig. 17, genus changed to: *Scala*. Holotype USNM 44854 sta. 2277, refigured by Clench and Turner (1952: 293, pl. 133, fig. 1).

leptaleus Verrill, **Pecten**

1884, TCAAS 6: 232 [not figured] (1883, *Albatross* 2109 off Cape Hatteras [North Carolina], 142 fms.); 1898, *in* Verrill and Bush, PUSNM 20: 839, pl. 85, fig. 1. Holotype USNM 38413.

leptaleus Verrill, **Sipho**

1884, TCAAS 6: 175, pl. 31, fig. 14 (1882, *Fish Hawk* 1143, off Martha's Vineyard [Massachusetts], 452 fms.). Holotype USNM 202879, only specimen.

Leptaxinus Verrill and Bush, Genus

1898, PUSNM 20: 796. Type species: *Leptaxinus minutus* Verrill and Bush 1898, original designation.

Leptogyra Bush, Genus

1897, TCAAS 10: 135. Type species: *Leptogyra verrilli* Bush 1897, original designation.

Leptopecten Verrill, Subgenus of **Chlamys** Bolton 1798

1897, TCAAS 10: 69. Type species: *Pecten monotimeris* Conrad 1837, original designation.

Leptoteuthis Verrill, Genus

1884, TCAAS 6: 140. Type species: *Leptoteuthis diaphana* Verrill 1884, by monotypy.

leptum Bush, **Dentalium**

1885, ARUSCF for 1883, p. 586 [84] ([1884] *Albatross* [2276], off Cape Hatteras [North Carolina], 14-15 fms.); 1885, TCAAS 6: 470, pl. 45, figs. 18, 18a. Figured holotype USNM 41562, refigured by Henderson (1920: 66, pl. 10, fig. 4).

Lestoteuthis Verrill, Genus

1880, TCAAS 5: 251. Type species: [*Onychoteuthis*] *kamtschitica* Middendorff 1849, original designation.

leuca Bush, **Mangilia**

1893, BMCZ 23: 209, pl. 1, fig. 2 (1880, *Blake* 329, off Cape Lookout [North Carolina], 603 fms.). Holotype MCZ 119075, only specimen.

leuca Bush, **Turbonilla**

1899, PANSP 52: 167 [not figured] (Bermuda); 1900, *in* Verrill and Bush, TCAAS 10: 529, pl. 64, fig. 18. Figured holotype YPM 15801.

leucoptera Verrill, **Sepiola**

1878, AJS (3) 16: 378 (Gulf of Maine, 30 miles east from Cape Ann [Massachusetts] 110 fms.); 1880, AJS (3) 19: 291, pl. 15, figs. 4, 5. Syntype USNM

729735, 1878, *Speedwell* 194, 110 fms. The disposition of the other two syntypes is unknown, *teste* Roper and Sweeney (1978: 8).

leucozonia A. H. Verrill, *Engina*

1950, MCCSC no. 104: 3, fig. (Nevis [Island, Lesser Antilles]). Type in author's collection.

levicula Verrill, *Lunatia*

Plate 10, fig. 7

1880, PUSNM 3: 371 [not figured] (near Eastport, Maine, 1870; Casco Bay, Maine, USFC; 1880, *Fish Hawk* 812-814, off Block Island [Rhode Island], 26-28 fms.); 1882, TCAAS 5: 516 [not figured]; 1884, TCAAS 6: pl. 29, fig. 3. Lectotype, here selected, USNM 75840, Casco Bay, Maine.

limicola Verrill, *Trophon abyssorum*

1885, TCAAS 6: 421 [not figured] (1883, *Albatross* 2038, 2033 fms., 2084, 1290 fms.; 1884, *Albatross* 2221, 1525 fms.); 1893, *in* Bush, BMCZ 23: 240, pl. 1, fig. 15. Figured holotype USNM 38039 sta. 2084; paratypes USNM 34847 sta. 2038 and YPM 15745 sta. 2084.

lintoni Verrill and Smith, *Trophon*

1882, *in* Verrill, AJS (3) 24: 365 [footnote, not figured] (1882, *Fish Hawk* 1118, off Martha's Vineyard [Massachusetts], 70 fms.); 1884, TCAAS 6: 176, pl. 29, fig. 1. Holotype USNM 77269, only specimen.

lirata Verrill, *Omalaxis* “?”

1882, TCAAS 5: 529 [not figured] (1880, *Fish Hawk* 770, off Newport, Rhode Island, 8¼ fms.); 1885, TCAAS 6: 452, Additions and Corrections: *Skenea* “(?)” *lirata* V. = *Omalaxis* “(?)” V. “This species is common in 10 to 43 fathoms off Cape Hatteras, but has not been preserved with the animal, so that the genus is still uncertain.” 1893 *in* Bush, BMCZ 23: 240, pl. 1, fig. 11, 1884, off Cape Hatteras, North Carolina sta. 2278, figured specimen 44664. Holotype USNM 406741.

liratulus Verrill, *Sipho stimpsonii*

1882, TCAAS 5: 500. New name for *Neptunea* (*Sipho*) *arata* Verrill 1880, non Gould 1860.

lissa Verrill, *Eulimella* (or *Menestho*)

1884, TCAAS 6: 195, pl. 32, fig. 6 (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.). Figured holotype USNM 35433; paratypes YPM 15090.

Lissopecten Verrill, Subgenus of *Chlamys* Bolton 1798

1897, TCAAS 10: 68. Type species: *Ostrea hyalina* Poli 1795, original designation.

Lissospira Bush, Genus

1897, TCAAS 10: 129. Type Species: *Cyclostrema proxima* Tryon 1888, original designation.

lottae Bush, *Diaphana* “?”

1893, BMCZ 23: 222, pl. 2, figs. 8, 9 (1880, *Blake* 329, off Cape Lookout [North Carolina], 603 fms.; 1882, *Fish Hawk* 1142, off Martha's Vineyard

[Massachusetts], 322 fms.). Figured holotype MCZ [not located]; syntype USNM 45604 sta. 1142.

lottae Verrill, **Pleurotomella**

1885, TCAAS 6: 415, pl. 44, fig. 7 (1884, *Albatross* 2221, 1525 fms.). Figured holotype USNM 40498; paratype YPM 15724, only specimens.

lubrica Verrill and Bush, **Odostomia**

1900, TCAAS 10: 532, pl. 64, fig. 15 (Bermuda). Figured holotype YPM 15709 [specimen missing].

lucida Verrill, **Eulimella**

1884, TCAAS 6: 192, pl. 32, figs. 3, 3a (1883, *Albatross* 2038, off Nantucket Shoals, 2033 fms.). Holotype USNM 38218, only specimen.

macra Verrill, **Urosalpinx**

Plate 10, fig. 9

1884, TCAAS 6: 239 [not figured] (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.). Holotype USNM 35772, only specimen.

maculatus A. H. Verrill, **Murex**

1950, *Nautilus* 63: 126, pl. 9, fig. 3 (off Dominica, Lesser Antilles, 40-50 fms.). Type and paratype in author's collection.

margaritana A. H. Verrill, **Voluta**

See under: **ornata** A. H. Verrill, **Voluta**.

Martesiella Verrill and Bush, Subgenus

1898, PUSNM 20: 777. Type species: *Martesia (Martesiella) fragilis* Verrill and Bush 1898, by monotypy.

Mastigotheuthidae Verrill, Family

1881, TCAAS 5: 430. Type genus: *Mastigoteuthis* Verrill 1881.

Mastigoteuthis Verrill, Genus

1881, BMCZ 8: 100. Type species: *Mastigoteuthis agassizii* Verrill 1881, by monotypy.

media Verrill and Bush, **Cuspidaria**

1898, PUSNM 20: 800, pl. 71, figs. 5, 6; pl. 75, fig. 6 (1880-84, *Fish Hawk, Albatross*, about fifteen stations off Martha's Vineyard [Massachusetts], 63-155 fms.). Figured holotype USNM 49018, pl. 71, fig. 6, sta. 849; figured paratype USNM 49020, pl. 71, fig. 5, sta. 949.

megalops Verrill, **Abralia**

1882, *AJS* (3) 24: 364 [not figured] (1882, *Fish Hawk* 1137, off Martha's Vineyard [Massachusetts], 173 fms.); 1883, BMCZ 11: 105, pl. 3, fig. 4; 1884, TCAAS 6: 143, pl. 28, fig. 2. Holotype USNM 38022, only specimen, *teste* Roper and Sweeney (1978: 9).

megalopsis Verrill, **Benthoteuthis**

1885, TCAAS 6: 402, pl. 44, fig. 1 (1884, *Albatross* 2189, 600 fms., 2205, 1073 fms.). Syntypes USNM 39967 sta. 2189; USNM 39968 sta. 2205, *teste* Roper and Sweeney (1978: 9).

megaptera Verrill, **Ancistrocheirus**

1885, TCAAS 6: 399, pl. 42, figs. 1, 1a (1884, *Albatross* 2235, 707 fms.). Holotype USNM 40128, only specimen and no longer extant, *teste* Roper and Sweeney (1978: 9).

megaptera Verrill, **Aplysia**

1900, TCAAS 10: 545, pl. 66, fig. 6 (Bailey Bay [Bermuda], on reefs). Syntypes YPM [not found].

megaptera Verrill, **Architeuthis**

1878, AJS (3) 16: 207 [not figured] (Cape Sable, Nova Scotia); 1880, TCAAS 5: 223, pl. 21, figs. 1-9, changed to: *Sthenoteuthis megaptera* (Verrill). Holotype now in National Museum of Natural Sciences, Ottawa, Canada, 92651.

megaptera Verrill, **Cirrhoteuthis**

1885, TCAAS 6: 405, pl. 43, figs. 1, 2 (1884, *Albatross* 2225, 2512 fms.; 2224, 2574 fms.). Figured syntype USNM 39963, no longer extant; USNM 40131, macerated, both sta. 2225; USNM 40127, poor condition, USNM 39916, no longer extant, both sta. 2224, *teste* Roper and Sweeney (1978: 9).

megaptera Verrill, **Rossia**

1881, TCAAS 5: 349, pl. 38, fig. 1; pl. 46, fig. 6 (1880, off the southern coast of Newfoundland, 150 fms., Capt. K. Markuson). Figured holotype YPM 17713, consists of "12th sucker of tentacular arm," only.

Megayoldia Verrill and Bush, Genus

1897, AJS (4) 3: 55. Type species: *Nucula thraciaeformis* Storer 1838, original designation.

missanensis Verrill and Bush, **Ledella**

1897, AJS (4) 3: 54, figs. 13, 18. Holotype USNM 52156 sta. 2566, refigured by Warén (1978: figs. 8, 9). Non *L. missanensis* Seguenza M. S., Jeffreys 1870, changed to: *Ledella bushae* Warén (1978: 213).

Microyoldia Verrill and Bush, Genus

1897, AJS (4) 3: 56. Type species: *Yoldia regularis* Verrill 1884, original designation.

mighelsi Bartsch, **Turbonilla** (**Pyrgiscus**)

See under: **costulata** Verrill, **Turbonilla**.

miniata Verrill, **Lamellidoris**

1901, TCAAS 11: 32, pl. 3, fig. 1 (Castle Harbor [Bermuda], under stones at low tide). Holotype YPM [not located].

minuscula Bush, **Pseudorotella**

1897, TCAAS 10: 118, figs. 3a-c (1884, *Albatross* 2283, off Cape Hatteras, North Carolina, 14 fms.). Holotype USNM 41623, only specimen.

minuscula Verrill and Bush, **Rissoa** (**Manzonia**)

1900, TCAAS 10: 540, pl. 65, fig. 16 (Bermuda). Holotype YPM 15732, only specimen.

minuscula Verrill and Bush, *Yoldiella*

1898, PUSNM 20: 870, pl. 79, figs. 2, 7 (1883-85, *Fish Hawk, Albatross*, four stations between 41°53'N, 65°35'W and 38°27'N, 73°2'W, 705-1290 fms.). Figured holotype USNM 38415 sta. 2084.

minuta Bush, *Volvula*

1885, TCAAS 6: 469, pl. 45, fig. 11 ([1883] *Albatross* [2113], off Cape Hatteras [North Carolina], 14-16 fms.). Holotype USNM 44773.

minutus Verrill and Bush, *Leptaxinus*

1898, PUSNM 20: 797, pl. 89, figs. 3-5 (1881, *Fish Hawk* 949, off Martha's Vineyard [Massachusetts], 100 fms.). Holotype USNM 45686, only specimen, refigured by Scott (1986: 150, fig. 1c).

modesta Verrill, *Idalia*

1875, AJS (3) 10: 41, pl. 3, fig. 3 (1874, off west end of Fishers Island [no depth]; Block Island Sound, 17-24 fms.; north of Little Gull Island, 40 fms.; [all New York]). Figured holotype and paratypes YPM [presumed lost].

modestus Verrill, *Angulus*

Plate 7, fig. 2

1872, AJS (3) 3: 210, 285, pls. 2, 2a (Vineyard Sound and Buzzards Bay [Massachusetts]), 6-10 fms.; Long Island Sound, off New Haven [Connecticut]; 1873, ARUSCF, p. 667, [383], pl. 30, fig. 224, changed to: *A. tenellus* Verrill, non Carpenter 1864. Syntype, now paralectotype, YPM 76973, Vineyard Sound, figured by Boss (1968: 323, pl. 158, figs. 3, 4); lectotype, here selected, YPM 8758. "Type lot" in the USNM 76972 was not collected until 1875.

mohorteri A. H. Verrill, *Cymatium* (*Ranularia*)

1952, MCCSC no. 119: 2, 2 figs. (Soufriere Bay, Dominica [Lesser Antilles], 75-100 fms.) Type and paratype in author's collection.

Mollerioopsis Bush, Genus

1897, TCAAS 10: 137. Type species: *Mollerioopsis abyssicola* Bush 1897, original designation.

mollis Verrill, *Allopusus*

1880, AJS (3) 20: 394 [not figured] (1880, *Fish Hawk* 880, 892, 893, 895; 225-487 fms., about 100 to 115 miles south of Newport, Rhode Island); 1881, BMCZ 8: 113, pl. 4, fig. 4; pl. 8, figs. 1-2a; 1881, TCAAS 5: 366, pl. 50, figs. 1, 1a, 2, 2a; pl. 51, fig. 4. Syntypes USNM 382470; USNM 574848; USNM 729164 and USNM 729737, *teste* Roper and Sweeney (1978: 9); "syntype" YPM 17711, though labeled sta. 881.

morio Verrill, *Tethys* (*Aplysia*)

1901, TCAAS 11: 25, pl. 3, figs. 5, 5a (Castle Harbor [Bermuda]). Holotype YPM [not located], only specimen.

Moroteuthis Verrill, Genus

1881 [October], AJS (3) 22: 298 [footnote]. Type species: *Ommastrephes robustus* 'Dall' Verrill 1876 original designation. Also 1881 [October],

TCAAS 5: 393 as: *Onychoteuthis* (or *Lestoteuthis* “?”) *robusta* ‘Dall’ Verrill 1876.

morsei Verrill, *Inioteuthis*

1881, TCAAS 5: 417 [footnote] (Bay of Yeddo, Japan, E. S. Morse). Holotype YPM 9638A; paratype YPM 9638B.

multicostata Verrill and Smith, *Neaera*

1880, in Verrill, PUSNM 3: 398 [not figured] (1880, *Fish Hawk* 871, 873, 874, south of Martha’s Vineyard [Massachusetts], 85-120 fms.); 1882, TCAAS 5: 559, pl. 58, fig. 4. Figured holotype USNM 48940 sta. 871; paratypes YPM 8800 sta. 871 and YPM 8801 sta. 874.

multistriata Verrill, *Ethalia*

Plate 15, fig. 1

1884, TCAAS 6: 242 [not figured] (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.). Lectotype, here selected, USNM 35733.

nanus Verrill and Bush, *Cyclopecten*

1897, in Verrill, TCAAS 10: 85, pl. 16, figs. 12, 12a-c as *parvus* [sic] (off the eastern coast of the United States, opposite Chesapeake Bay and Cape Hatteras [North Carolina], 43 to 132 fms.); 1898, in Verrill and Bush, PUSNM 20: 837, pl. 85, figs. 2-4. Figured holotype USNM 107789 sta. 2265 [paratypes in same lot].

Nectoteuthis Verrill, Genus

1883, BMCZ 11: 108. Type species: *Nectoteuthis pourtalesii* Verrill 1883, by monotypy.

neglecta A. H. Verrill, *Cypraecassis testiculus*

1949, Mollusca 2 (5): 9, pl. 2, fig. 5 (Dominica, also Barbados and Virgin Islands [West Indies]). Type and paratypes [presumed to be] in author’s collection.

nigrolabra Verrill, *Nassa*

1880, PUSNM 3: 371 [not figured] (1880, *Fish Hawk* 870, off Martha’s Vineyard [Massachusetts], 155 fms.); 1882, TCAAS 5: 512, pl. 58, fig. 12. Holotype USNM 43846, only specimen.

nitida Verrill, *Avicula hirundo* “?”

1880, AJS (3) 20: 392 [nude name]; 1881, PUSNM 3: 402 [not figured] (1880, *Fish Hawk* 856-867, 869-873, south of Martha’s Vineyard [Massachusetts], 65-192 fms.); 1882, TCAAS 5: 582, pl. 58, fig. 43. USNM type card with the note, “cotype could not be located, lectotype in H. Hayes thesis, 3/72.” Since no syntype is available, this selection would be invalid even if the thesis had been published.

nitida Verrill and Smith, *Delphinula*

1885, TCAAS 6: 424, pl. 44, fig. 11 (1884, *Albatross* 2229, 1423 fms.). Holotype USNM 44648, only specimen.

nitida Verrill, *Eulimella*

884, TCAAS 6: 194, pl. 32, fig. 5 (1883, *Albatross* 2038, off Nantucket Shoals, 2033 fms.). Holotype 38182, only specimen.

nitida Verrill, **Kelliella**

1885, TCAAS 6: 438 [not figured] (1884, *Albatross* 2221, 1525 fms., 2038, 2033 fms.); 1898, in Verrill and Bush, PUSNM 20: 778, pl. 91, fig. 8; pl. 93, fig. 10. Figured holotype USNM 37921 sta. 2221; paratypes USNM 40498 sta. 2221 and USNM 35217 sta. 2038.

nitida Verrill, **Ringicula**

Plate 10, fig. 5

1872 [1873], AJS (3) 5: 16 [not figured] (1872, *Bache* (O), 42°5'N, 67°49'W, (S) is 42°11'N, 67°15'W off northeast and northwest border of Georges Bank, 110, 150 fms.); 1874, in Smith and Harger, TCAAS 3: 48, pl. 1, fig. 2. Figured holotype USNM 43766 [not located in USNM type collection], now YPM 15776 [stations not separated].

nitida Verrill, **Seguenzia formosa**

Plate 15, fig. 4

1884, TCAAS 6: 188 [not figured] (1883, *Albatross* 2038, off Nantucket Shoals, 2033 fms.). Measured holotype USNM 38078 [with note "figured" on USNM type card].

nitida Verrill, **Thracia**

1884, TCAAS 6: 221, pl. 32, fig. 22 (1883, *Albatross* 2097, off Chesapeake Bay, 1917 fms.). Holotype USNM 35267, only specimen.

nitida Verrill, **Turtonia**

1872, AJS (3) 3: 213, 286, pl. 7, figs. 4, 4a. Based on *Turtonia minuta* Gould (1870: 85, fig. 395), not of European authors.

nitidus Verrill, **Actaeon**

1882, TCAAS 5: 540, pl. 58, fig. 21 (1880-81, *Fish Hawk*, 892, 947, off Martha's Vineyard [Massachusetts], 487, 312 fms.). Figured holotype USNM 45669 sta. 947; paratype YPM 15638 sta. 892.

niveus Verrill, **Placobranchopsis**

1901, TCAAS 11: 27, pl. 4, fig. 10 (Harrington Sound, in shallow water on the under side of a coral (*Isophyllia dipsacea*); also in Castle Harbor [both Bermuda]). Holotype YPM [not located].

nobilis Verrill, **Coryphella**

1880, PUSNM 3: 388 [not figured] (1879, *Speedwell* 326, off Cape Cod [Massachusetts], 75 fms.); 1882, TCAAS 5: 552, pl. 42, fig. 15. Holotype YPM 15678, only specimen.

nobilis Verrill, **Omalaxis**

1885, TCAAS 5: 423, pl. 44, fig. 12 (1884, *Albatross* 2265, 70 fms.). Holotype USNM 41481.

nobilis Verrill, **Scaphander**

1884, TCAAS 6: 209, pl. 32, figs. 18, 18a-d (1883, *Albatross* 2052, 1098 fms., 2074, 1309 fms., 2076, 906 fms., 2077, 1255 fms., off Martha's Vineyard [Massachusetts]; 1883, *Albatross* 2102, 1209 fms., 2103, 1091 fms. off Delaware Bay). Figured holotype USNM 35641 sta. 2102; paratypes USNM 35374 sta. 2103 and YPM 15737 sta. 2101.

nodosa Verrill and Smith, **Admete**

1885, *in* Verrill, TCAAS 6: 419, pl. 44, fig. 9 (1884, *Albatross* 2234, 816 fms., 2217, 924 fms.). Holotype USNM 44646 sta. 2234.

nodulosa Verrill and Bush, **Limatula**

Plate 9, fig. 1

1898, PUSNM 20: 824 [not figured] (1885, *Albatross* 2385 [Gulf of Mexico], 730 fms.). Holotype USNM 110618, single valve, figured by Stuardo (1968, pl. 15, fig. 75).

nux Verrill and Bush, **Lucina**

1900, TCAAS 10: 518, pl. 63, figs. 12, 13 (Bermuda). Holotype YPM 8760, single valve.

obesa Verrill, **Koonsia**

1882, TCAAS 5: 545 (1880-81 *Fish Hawk* 895, 939, 946, 1025, off Martha's Vineyard [Massachusetts], 216-258 fms.; 1881, *Fish Hawk* 1045, off Delaware Bay, 312 fms.); 1884, *Ibid.* 6: pl. 28, fig. 7. Holotype USNM 784665 figured by Gosliner (1985, figs. 4-8).

obesa Bush, **Turbonilla costulata**

See under: *costulata* Verrill, **Turbonilla**.

obesum Verrill and Bush, **Caecum**

1900, TCAAS 10: 538, pl. 65, fig. 2 (Bermuda). Figured holotype YPM 15669 and a paratype.

obesus Verrill, **Cryptodon**

1872, AJS (3) 3: 211, 287, pl. 7, fig. 2 (off Nomans Land [south of Martha's Vineyard, Massachusetts], 19 fms.; Labrador). Figured holotype USNM 74299 stas. 860-863 [not separated].

obesus Verrill, **Octopus**

1880, AJS (3) 19: 137 (from stomach of halibut, taken 36 miles east from the N.E. Light of Sable Island [off Nova Scotia], 160-300 fms.); 1881, TCAAS 5: 379, pl. 36, figs. 3, 3a. Holotype USNM 382469, *teste* Roper and Sweeney (1978: 10).

obesus Verrill, **Sipho**

Plate 12, fig. 3

1884, TCAAS 6: 168 [not figured] (1883, *Albatross* 2115, off Cape Hatteras [North Carolina], 843 fms.). The lot containing the holotype and several syntypes [*sic*] USNM 35600 mentioned by Bouchet and Warén (1985: 212) consists of a single specimen, smaller than the measured holotype and is, here selected, lectotype.

obliqua Bush, **Venericardia**

Plate 5, fig. 4

1885, TCAAS 6: 478 [not figured] (*Albatross* [no station given], off Cape Hatteras [North Carolina], 7-10 fms.). Lectotype, here selected, YPM 10781 sta. 2289, single valve; paralectotype YPM 10782 sta. 2290.

obscura Verrill, **Doridella**

1870, AJS (2) 50: 408, text figs. 2a, b, 3 (Savin Rock, New Haven [Connecticut]); 1873, ARUSCFF, p. 664 [370], pl. 25, figs. 173a, b. Holotype YPM 15683, so marked.

obsoletus Verrill and Bush, *Cryptodon*

1898, PUSNM 20: 789, pl. 89, figs. 1, 2 (1881, *Fish Hawk* 949, [and two other stations, not listed] (off Martha's Vineyard [Massachusetts], 100 fms.). Figured holotype USNM 159886, labeled "selected as lectotype by Ockelmann"; paratype YPM 8781 sta. 894.

olivacea Verrill, *Cithna* "?"

1884, TCAAS 6: 185, pl. 29, fig. 5 (1882, *Fish Hawk* 1154, off Martha's Vineyard [Massachusetts], 193 fms.; 1883, *Albatross* 2084, 1290 fms.). Figured holotype USNM 38237 sta. 1154.

olivacea Verrill, *Doris* "?"

1900, TCAAS 10: 548 [not figured] (Bailey Bay [Bermuda], among coral-lines); 1901, *Ibid.* 11: 38, pl. 4, fig. 7 [subsequently discovered specimen]. Syntypes YPM [not located].

Opisthoteuthidae Verrill, New Family

1896, AJS (4) 2: 74. Type genus: *Opisthoteuthis* Verrill 1883, original designation.

Opisthoteuthis Verrill, Genus

1883, BMCZ 11: 113. Type species: *Opisthoteuthis agassizii* Verrill 1882, by monotypy.

ornata Verrill, *Acanthodoris*

1879, AJS (3) 17: 313 [not figured] (1872, USFC, Eastport, Maine, at low water); 1882, TCAAS 5: 549, pl. 42, fig. 12. Figured holotype [not located in USNM or YPM].

ornata A. H. Verrill, *Voluta*

1953, MCCSC no. 132: 9, fig. (Margarita [Island, Venezuela]; Curaçao [Netherlands Antilles]). Type [presumed to be] in author's collection. Non *Voluta ornata* Link 1807, non *Voluta musica ornata* A. H. Verrill 1950, changed to: *Voluta margaritana* A. H. Verrill, 1954, MCCSC no. 104: 4.

ornata A. H. Verrill, *Voluta musica*

1950 MCCSC no. 102: 5 (Bequia Island, Grenadines). Three types [presumed to be] in author's collection. Non *Voluta ornata* Link 1807.

ornatum Verrill, *Cyclostrema dali*

1884, TCAAS 6: 255, pl. 32, fig. 17 (1883, *Albatross* 2115, off Cape Hatteras [North Carolina], 843 fms.). Holotype USNM 35610, only specimen.

Orthoyoldia Verrill and Bush, Genus

1897, AJS (4) 3: 55. Type species: *Yoldia scapina* [error for *scapania*] Dall 1890, original designation.

ovata Verrill and Bush, *Nucula proxima*

1898, PUSNM 20: 852, pl. 81, fig. 6; pl. 88, fig. 5 (1880, *Fish Hawk* 863, off Cuttyhunk Light in Vineyard Sound [Massachusetts] 18 fms.). Holotype USNM 73467, only specimen.

ovatus Verrill and Bush, **Cryptodon** (**Axinulus**)

1898, PUSNM 20: 793, pl. 91, fig. 7; pl. 93, fig. 1 (1881, *Fish Hawk* 949, off Martha's Vineyard [Massachusetts], 100 fms.). Figured holotype USNM 159887; also three specimens, not types, USNM 35531 (1883, *Albatross* 2113, 15 fms.), "of considerably larger size which agree closely with this species and are probably identical."

oxia Bush, **Mangilia melanitica**

1885, ARUSCF for 1883, p. 580 [78] ([1883] *Albatross* [2113], off Cape Hatteras [North Carolina], 7-48 fms.); 1885, TCAAS 6: 459, pl. 45, figs. 3, 3a. Figured holotype USNM 35360 [segregated from paratypes in the same lot].

oxytata Bush, **Mangilia**

1885, ARUSCF for 1883, p. 582 [80] (1883, *Albatross* 2108, off Cape Hatteras [North Carolina], 48 fms.); 1885, TCAAS 6: 400, pl. 45, fig. 1. Holotype USNM 35395, only specimen.

oxytata Bush, **Volvula**

1885, TCAAS 6: 468, pl. 45, fig. 12 ([1883] *Albatross* [2112], off Cape Hatteras [North Carolina], 7-17 fms.). Holotype USNM 35871.

pachia Verrill and Bush, **Yoldiella**

Plate 6, fig. 1

1898, PUSNM 20: 868 [not figured] (1885, *Albatross* 2385, 730 fms.). Lectotype, here selected, USNM 203001, single valve.

packardii Verrill, **Pleurotomella**

1872 [1873], AJS (3) 5: 15 [footnote, not figured] (1872, *Bache* (O) [off northwest border of Georges Bank] 110 fms.); is 42°5'N, 67°49'W; 1882, TCAAS 5 453, pl. 43, fig. 9; pl. 57, fig. 5. Holotype USNM 37874, only specimen.

pallida Verrill, **Coryphella** "?"

1900, TCAAS 10: 547 [not figured] (Bailey Bay [Bermuda], in corallines). Holotype YPM [not located], only specimen.

pallida Verrill, **Loligo**

1873, ARUSCF, p. 441 [147], 635 [341], pl. 20, figs. 101, 101a (Long Island Sound [Connecticut]). Holotype YPM [not located].

pandion Clench and Turner, **Epitonium** (**Boreoscala**)

See under: **gracilis** Verrill, **Acirsa**.

pandionis Verrill and Smith, **Cadulus**

1880, in Verrill, AJS (3) 20: 392, 399 [not figured] (1880, *Fish Hawk* 869-871, 873, 874, 876, 877, 891, off coast of southern New England, 85-192 fms.); 1882, TCAAS 5: 558, pl. 38, figs. 30, 30a. Figured holotype USNM 38644 sta. 876; paratypes MCZ 186814 sta. 870.

pandionis Verrill, **Pleurotoma** (**Pleurotomella**)

1880, PUSNM 3: 368 [not figured] (1880, *Fish Hawk* 895, off Martha's Vineyard [Massachusetts], 238 fms.); 1882, TCAAS 5: 456, pl. 57, figs. 4, 4a. Holotype USNM 37873, only specimen.

papillosa Verrill, *Elysia*

1901, TCAAS 11: 31, pl. 4, fig. 3 (Hungry Bay [Bermuda], under stones at a very low tide). Holotype YPM [not located].

Paramusium Verrill, Genus

1897, TCAAS 10: 72. Type species: *Amusium dalli* Smith [Amussium]
1886, original designation.

parva Verrill and Bush, *Cuspidaria*

1898, PUSNM 20: 801, pl. 74, fig. 9; pl. 77, fig. 7 (1884, *Albatross* 2203 [and six other stations, not listed], 705 fms.). Figured holotype USNM 159742; paratype YPM 8827 sta. 2115.

parva Verrill and Bush, *Ledella*

1897, AJS (4) 3: 54 [footnote], fig. 18 (1886, *Albatross* 2689, off Martha's Vineyard [Massachusetts], 525 fms.); 1898, PUSNM 20: 857, pl. 8, fig. 1. Holotype USNM 78365, single valve.

parvus Verrill and Smith, *Sipho*

1882, in Verrill, TCAAS 5: 504, pl. 57, figs. 20, 20a, 20b (1881, *Fish Hawk* 937, 947, 994, 997, 1029, off Martha's Vineyard [Massachusetts], 312-506 fms.). Figured holotype USNM 38013 sta. 997; paratypes YPM 15329 sta. 947 and YPM 15327 sta. 997.

paucistriata 'Dall' Bush, *Neacera*

1885, TCAAS 6: 473. Nude name.

Pectinella Verrill, Genus

1897, TCAAS 10: 68. Type species: *Pecten (Pseudamusium) sigsbeeii* Dall
1886, original designation.

pedersenii Verrill, *Enaeta*

Plate 4, fig. 2

1870, AJS (2) 49: 226 [not figured] (La Paz [Baja California]). Lectotype, here selected, YPM 8842.

pellucida Verrill, *Lamellaira*

1880, AJS (3) 20: 395 [not figured] (1880, *Fish Hawk* 870-872, off Delaware Bay, 100-208 fms.); 1882, TCAAS 5: 518, pl. 58, figs. 4, 5, 5a. Figured holotype USNM 202846 sta. 871.

penistoni Bush, *Turbonilla*

1899, PANSP 52: 165, pl. 8, fig. 14 (Bermuda). Figured holotype ANSP 70024; paratype YPM 15800.

perlepida Verrill, *Turbonilla*

Plate 17, fig. 5

1885, TCAAS 6: 427 [not figured] (1884, *Albatross* 2265, off Chesapeake Bay [Maryland], 70 fms.). Holotype USNM 44790, only specimen [not in USNM type collection].

perversa Bush, *Eulima*

1909, AJS (4) 27: 479 [footnote]. New name for *Eulima distorta* Verrill
1881, non Deshayes 1835.

picta Verrill, *Elysia*

1901, TCAAS 11: 30, pl. 4, fig. 2 (Hungry Bay [Bermuda], under stones at low tide). Holotype and paratype YPM [not located], only specimens.

pictus Verrill, *Octopus*

1883, BMCZ 11: 112, pl. 3, fig. 2 (1878-79, Blake 142, 278, Flannegan Passage, and off Barbados [Windward Islands], 27, 69 fms.); 1885, ARUSCF for 1883, pl. 22, fig. 65. Two syntypes, presumed lost, not mentioned by Roper and Sweeney (1978).

pilsbryi Bush, *Turbonilla*

1899, PANSP 52: 151, pl. 8, fig. 9 (St. Thomas, West Indies). Holotype ANSP 72045, only specimen.

piscatorum Verrill, *Octopus*

1879, AJS (3) 18: 470 [not figured] (western part of La Have Bank, off Nova Scotia, 120 fms.); 1881, TCAAS 5: 377, pl. 36, figs. 1, 2. Holotype USNM 574641, *tes e* Roper and Sweeney (1978: 11).

Placopecten Verrill, Subgenus of *Chlamys* Bolton 1798

1897, TCAAS 10: 69. Type species: *Pecten clintonius* Say 1824, original designation.

plana Verrill, *Limopsis*

1885, TCAAS 6: 441 [not figured] (1883, *Albatross* 2098, 2221 fms.); 1893, *in* Bush, 23: 240, pl. 2, fig. 19; 1898, *in* Verrill and Bush, PUSNM 20: 846, pl. 75, fig. 5. Holotype USNM 35238; paratype YPM 5771, only specimens.

planula Verrill, *Machaeroplax obscura*

Plate 17, fig. 6

1882, TCAAS 5: 531 [not figured] (south of Cape Cod [Massachusetts], 15-30 fms.). Holotype USNM 76067, off Block Island [Rhode Island]; paratype YPM 15955.

planulus Verrill, *Sipho pygmaeus*

1882, TCAAS 5: 505 [footnote] (off Martha's Vineyard [Massachusetts], 20-350 fms.) [not in USNM type collection].

planus Verrill and Bush, *Cryptodon*

1898, PUSNM 20: 788, pl. 88, figs. 3, 4 (1879, *Speedwell* 254, Cape Cod Bay, 21 fms.). Figured holotype USNM 159893.

plena Verrill, *Cirrhoteuthis*

1885, TCAAS 6: 404, pl. 42, fig. 3 (1884, *Albatross* 2025, 1073 fms.). Holotype USNM 39908, *teste* Roper and Sweeney (1978: 11).

Pleurobranchopsis Verrill, Genus

1900, TCAAS 10: 547. Type species: *Pleurobranchopsis aurantiaca* Verrill 1900, by monotypy.

Pleurotomella Verrill, Genus

1872 [1873], AJS (3) 5: 15 [footnote]. Type species: *Pleurotomella packardii* Verrill 1872, by monotypy.

plicatus Verrill, *Cryptodon*

1885, TCAAS 6: 437 [not figured] (1884, *Albatross* 2205, 2193, off Martha's Vineyard [Massachusetts], 1073, 1122 fms.); 1898, in Verrill and Bush, PUSNM 20: 786, pl. 89, fig. 6. Figured holotype USNM 44825 sta. 2193.

polita Verrill, *Aclis*

1872, AJS (3) 3: 210, 282, pl. 6, fig. 5 (Eastport Harbor [Maine], 20 fms., shelly bottom); 1882, TCAAS 5: 538, fig. 4. Holotype YPM [not located], only specimen.

polita Verrill and Bush, *Malletia*

1898, PUSNM 20: 876, pl. 82, fig. 10 (1886, *Albatross* 2718, 1569 fms.). Holotype USNM 78792, single valve.

polita Verrill and Smith, *Modiola*

Plate 8, fig. 1

1880, in Verrill, AJS (3) 20: 400 [not figured] (1880, *Fish Hawk* 895, south off Newport, Rhode Island, 238 fms.). Lectotype, here selected, USNM 51361 [with note selected by B. R. Wilson, Sept. 26, 1983, not published]; paralectotype USNM 64328.

Polycerella Verrill, Genus

1880, PUSNM 3: 386. Type species: *Polycerella emertoni* Verrill 1880, by monotypy.

pourtalesii Verrill, *Nectoteuthis*

1883, BMCZ 11: 108, pl. 3, figs. 1, 1a-b (1879, *Blake* 295, off Barbados [Windward Islands], 295 fms.). Holotype USNM 729734, only specimen, *teste* Roper and Sweeney (1978: 11).

pourtalesii Verrill and Smith, *Scalaria*

1880, in Verrill, AJS (3) 20: 395 [not figured] (1880, *Fish Hawk* 873, 874, off southern New England, 85-100 fms.); 1882, TCAAS 5: 527, pl. 57, fig. 32. Holotype USNM 44801 sta. 874, refigured by Clench and Turner (1952: pl. 149, figs. 1, 2); paratype YPM 15736 sta. 873.

pretiosa Verrill and Bush, *Myonera* “?”

1898, PUSNM 20: 812, pl. 77, fig. 5 (1886, *Albatross* 2655, 338 fms.). Holotype USNM 110619, single valve.

princeps Verrill, *Architeuthis*

1875, AJS (3) 9: 181, pl. 5, figs. 14-16 (sperm whale stomach taken in the north Atlantic; banks of Newfoundland). Two syntypes, probably YPM [not located].

profundicola Verrill and Smith, *Arca*

1885, TCAAS 6: 439, pl. 44, figs. 23, 23a (1884, *Albatross* 2226, 2121 fms.). Holotype USNM 37999; paratype USNM 44501.

profundicola Verrill and Bush, *Limopsis*

1898, PUSNM 20: 847 [no description] pl. 75, fig. 4; pl. 83, fig. 4. Described in Verrill, 1885, TCAAS 6: 440 as *Limopsis aurita* “?” Jeffreys (1884-86, *Albatross*, ten stations between 41°7'N, 65°26'30"W and 36°47'N,

73°9'30"W, 1525-1859 fms.). Figured syntypes USNM 52410, pl. 75, fig. 4; USNM 38143, pl. 83, fig. 4, sta. 2221.

profundicola Verrill and Smith, **Sipho**

1884, *in* Verrill, TCAAS 6: 170, pl. 31, fig. 13 (1883, *Albatross* 2037, 1731 fms., 2038, 2033 fms., 2097, 1917 fms., 2106, 1497 fms.). Holotype USNM 37999 sta. 2037, *teste* Bouchet and Warén (1985: 211); paratypes YPM 15313 sta. 2037 and YPM 15309 sta. 2097.

Protamuseum Verrill, Genus

1897, TCAAS 10: 71. Type species: *Pecten demissum* Philippi [is *demissus* Phillips 1839] original designation.

pseudointerrupta Bush, **Turbonilla**

1909, *AJS* (4) 27: 481. New name for *Turbonilla* (*Pyrgiscus*) *interrupta* Bartsch (1909: 87, pl. 12, figs. 18, 23, Narragansett Bay [Rhode Island]) non Totten 1835. Holotype USNM 202889, only specimen.

psila Bush, **Mangilia**

1885, TCAAS 6: 455, pl. 45, fig. 2 (1884, *Albatross* 2269, off Cape Hatteras [North Carolina], 48 fms.). Holotype USNM 44756, only specimen.

pubescens Verrill, **Sipho**

Plate 12, fig. 2

1882, TCAAS 5: 501, pl. 43, fig. 6; pl. 57, fig. 25 (1877, *Speedwell* [no station number], off Cape Sable, Nova Scotia, 88-91 fms. and off Halifax [Nova Scotia], 42 fms.; 1880-81, [*Fish Hawk*] 48 stations, 86-410 fms.; 1880, *Fish Hawk* 898 off Chesapeake Bay, 56-300 fms.; 1881, off Delaware Bay, 156, 435 fms.). Lectotype, here selected, USNM 37767 sta. 893; paralectotype YPM 15366 sta. 898.

pulchella Verrill, **Atlanta**

Plate 19, figs. 1-3

1884, TCAAS 6: 211 [not figured] (1883, *Atlantis* 2100, off Delaware Bay, surface; 2038, surface). Two syntypes USNM 38397 sta. 2100; syntypes YPM 15768 sta. 2100 and USNM 38410 sta. 2038.

pulchella Verrill, **Taranis**

1880, PUSNM 3: 368 [not figured] 1880, (*Fish Hawk* 892, off Martha's Vineyard [Massachusetts], 487 fms.); 1882, TCAAS 5: 487, pl. 57, fig. 17. Holotype USNM 37841, only specimen.

pura Verrill, **Astyris**

1882, TCAAS 5: 515 [not figured] (1880-81 *Fish Hawk* 892, 894, off Martha's Vineyard [Massachusetts], 100-487 fms; off Chesapeake Bay, 300 fms.); 1893 *in* Bush, BMCZ 23: 240, pl. 1, fig. 13. Holotype USNM 45260 sta. 894; paratype YPM 15764 sta. 892.

pusilla Verrill, **Bela decussata**

Plate 11, fig. 4

1882, TCAAS 5: 481 [not figured] (Casco Bay, Maine, 12-15 fms.; Halifax Harbor, [Nova Scotia], 18 fms.). Lectotype, here selected, USNM 77203, label with note "figured"; paralectotypes YPM 15652 [from USNM 77218 also with note "figured"] and YPM 15653; *all* from Halifax Harbor, paralectotype YPM 15657, Casco Bay.

pustulosus Verrill, *Pecten*

1872 [1873], *AJS* (3) 5: 14 [footnote, not figured] (Gulf of Maine, near Georges Bank, 150 fms.; east of Georges Bank, 430 fms.); 1874, in Smith and Harger, *TCAAS* 3: 50 [description]; 1882, *TCAAS* 5: 581, pl. 42, figs. 22, 22a, changed to: *Pecten hoskynsi pustulosus* Verrill; 1884, *Ibid.* 6: 261, non *P. hoskynsi* Forbes 1843, changed to: *Pecten pustulosus* Verrill 1872; 1898, in Verrill and Bush, *PUSNM* 20: 389, pl. 35, figs. 5, 6, 10, 11, changed to: *Cyclopecten pustulosus* (Verrill). Holotype USNM 48764, fig. 10, stas. 96B, 97B, off northeast border of Georges Bank, 150 fms.

pygmaea Verrill, *Bela*

1882, *TCAAS* 5: 460, pl. 57, fig. 8 (1880-81, *Fish Hawk* 892, 894, 947, off Martha's Vineyard [Massachusetts], 487, 386, 312 fms.). Holotype USNM 37858 sta. 892, [includes smaller paratype] mentioned by Bouchet and Warén (1980: 68); paratype YPM 15694 sta. 894 label, also bearing USNM number 37854 with note, "best sent to Dall [i.e. USNM]."

pygmaea Verrill, *Eledonella*

1884, *TCAAS* 6: 145, pl. 32, fig. 2 (1883, *Albatross* 2099, 2949 fms.); 1885, *ARUSCF* for 1883, pl. 22, fig. 64. Figured holotype USNM 35268, *teste* Roper and Sweeney (1978: 12).

pygmaeus Verrill and Bush, *Cryptodon* (*Axinulus*)

1898, *PUSNM* 20: 792, pl. 86, figs. 3, 4 (1886, *Albatross* 2697 [and two other stations, not listed] 206 fms.). Figured holotype USNM 78368; paratype YPM 8774 sta. 2547.

pygmaeus Bush, *Murex* (*Pteronotus*) [*sic*]

1893, *BMCZ* 23: 213, pl. 1, figs. 3, 4 (1880, *Blake* 319, off Charleston [South Carolina], 262 fms.). Holotype MCZ 6918, only specimen, refigured by Clench and Farfante (1945: 36, pl. 20, figs. 7, 8). Non *Muricites pygmaeus* Schlotheim 1820, changed to: *Pterynotus* (*Pterynotus*) *bushae* Vokes (1970: 13).

pyrrha Bush, *Turbonilla*

Plate 16, fig. 6

1899, *PANSP* 52: 160, pl. 8, fig. 1 (St. Thomas [Virgin Islands]). Figured holotype ANSP [lost]; lectotype, here selected, ANSP 72050; paralectotypes ANSP 72054 and 372505.

quadrimaculata Verrill, *Lamellidoris* "?"

1900, *TCAAS* 10: 549, pl. 66, fig. 3 (Castle Harbor [Bermuda], on dead corals). Holotype and paratype YPM [not located], only specimens.

ramosa Verrill and Emerton, *Issa*

1881, in Verrill, *AJS* (3) 22: 301 [not figured] (1881, *Fish Hawk* 940, 949, off Martha's Vineyard [Massachusetts], 130, 100 fms.); 1882, *TCAAS* 5: 547, pl. 58, figs. 36, 36a. Figured type [not located in USNM or YPM type collections].

rapax Verrill, *Cheloteuthis*

1881, *BMCZ* 8: 110, pl. 2, figs. 1, 1a-f (1880, *Fish Hawk* 893 100 miles south of Newport, Rhode Island, 893 fms.). Holotype USNM 574639, only specimen, *teste* Roper and Sweeney (1978: 12).

rapax Verrill, *Chiloteuthis* [*sic*] *Cheloteuthis*

1881, TCAAS 5: 293, pl. 49, figs. 1-1f (1880, *Fish Hawk* 893, about 100 miles south of Newport, Rhode Island, 372 fms., stomach of a fish). *Ibid.* p. 446 errata, genus changed to: *Cheloteuthis* (= *Lestoteuthis*). Holotype USNM 574639, only specimen, *teste* Roper and Sweeney (1978: 12).

rarinota Bush, *Lissospira* (*Ganasa* "?")

Plate 10, fig. 2

1897, TCAAS 10: 134 [not figured] (1884, *Albatross* 2150, 382 fms.). Holotype YPM 15804, only specimen.

rathbuni Verrill, *Bela*

1884, TCAAS 6: 236 [not figured] (1883, *Albatross* 2105, off Chesapeake Bay, 1395 fms.). Holotype USNM 35704, only specimen.

rathbuni Verrill and Smith, *Turbonilla*

1880, *in* Verrill, *AJS* (3) 20: 398 [not figured] (1880, *Fish Hawk* 869, 894, 895, off southern New England, 192-365 fms.); 1882, TCAAS 5: 536, pl. 58, fig. 15. Figured holotype USNM 45459 sta. 895; paratypes YPM 15750 sta. 895.

regalis Verrill and Smith, *Margarita*

1880, *in* Verrill, *AJS* (3) 20: 397 [not figured] (1880, *Fish Hawk* 865, 870, 871, 873, 880, 891-895, off southern New England, 65-500 fms.); 1882, TCAAS 5: 530, pl. 57, fig. 37. Figured holotype USNM 44681 sta. 895.

regularis Verrill and Bush, *Limatula*

Plate 9, fig. 3

1898, PUSNM 20: 823 [not figured] (1884, *Albatross* 2265, 70 fms.). Lectotype USNM 40862, single valve selected by Stuardo (1968: 227, pl. 14, fig. 62).

regularis Verrill, *Yoldia*

1884, TCAAS 6: 228 [not figured] (1882, *Fish Hawk* 1093, off Martha's Vineyard [Massachusetts], 349 fms.); 1897, *in* Verrill and Bush, *AJS* (4) 3: 56, figs. 5, 6; 1898, PUSNM 20: 860, pl. 78, figs. 5, 6. Holotype USNM 38420.

rehderi A. H. Verrill, *Cymatium*

1950, *Nautilus* 63: 126, pl. 9, figs. 1, 1a (25-40 fms., off Dominica, Lesser Antilles). Holotype USNM 594095.

reticulata Verrill, *Cocculina*

1885, TCAAS 6: 426 [not figured] (1884, *Albatross* 2265, off Chesapeake Bay [Maryland], 70 fms.); 1893, *in* Bush, *BMCZ* 23: 240, pl. 2, fig. 6. Figured holotype USNM 44832.

reversa Verrill, *Calliteuthis*

1880, *AJS* (3) 20: 393 [not figured] (1880, *Fish Hawk* 894, about 100 miles south of Newport, Rhode Island, 365 fms.); 1880, TCAAS 5: 295, pl. 46, figs. 1-1b. Holotype USNM 574849, *teste* Roper and Sweeney (1978: 12).

robusta Verrill and Emerton, *Heterodoris*

1882, *in* Verrill, TCAAS 5: 549, pl. 58, figs. 35, 35a, 35b (1881, *Fish Hawk* 1029, off Martha's Vineyard [Massachusetts], 458 fms.). Holotype, only specimen [not in USNM type collection].

robusta Verrill, *Xenophora*

1870, *AJS* (2) 49: 226 [not figured] (near La Paz [Baja California]). Holotype YPM 8882, figured by Strong, Hanna, and Hertlein (1933: 124, pl. 5, figs. 8, 9).

robustus Verrill, *Dendronotus*

1870, *AJS* (2) 50: 405, fig. 1 (Whale Cove, Grand Manan [Island, New Brunswick, Canada], on sea-weeds in a pool near low-water mark). Holotype YPM [lost], only specimen.

robustus 'Dall' Verrill, *Ommastrephes*

1876, *AJS* (3) 12: 237 [not figured] (coast of Alaska); 1880, *TCAAS* 5: 246, pls. 23, 24 (west shore of Amaknak Island, Captains Harbor; near Iliuliuk; both Unalashka Island, off the coast of Alaska), changed to: *Onychoteuthis robusta* (Dall) Verrill. Holotype USNM 576952, "species description based on three specimens. Portions of specimen two only saved by Dall," teste Roper and Sweeney (1978: 12).

roseopicta Verrill, *Chromodoris* "?"

1900, *TCAAS* 10: 549, pl. 66, fig. 1 (Bailey Bay [Bermuda], just below tide mark on rocks); 1901, *Ibid.* 11: 33, figs. 2, 2a [subsequently discovered specimen]. Holotype YPM 15677, only specimen.

rubida A. H. Verrill, *Hemitona*

1950, *Nautilus* 63: 126, pl. 9, figs. 2, 2a (reefs at Canefield Point, Dominica, Lesser Antilles). Five types in author's collection.

rushii Bush, *Turbonilla*

1899, *PANSP* 52: 160, pl. 8, fig. 11 (Maldonado Bay, Uruguay, 3-6 fms.). Holotype ANSP 70535, only specimen.

ruthi A. H. Verrill, *Astraea*

1948, *Mollusca* 2 (3): 70, pl. (Barbados [West Indies]). Holotype and paratype [presumed to be] in author's collection.

rutila Verrill, *Coryphella*

1879, *AJS* (3) 17: 314 [not figured] (Eastport, Maine, at low water); 1882, *TCAAS* 5: 552 [not figured]. Syntypes [not located in USNM or YPM].

saffordi Verrill and Smith, *Pleurotomella*

1884, *in* Verrill, *TCAAS* 6: 151, pl. 31, figs. 4, 4a (1883, *Albatross* 2041, 2043, 2076, 2084, 2115, 906-1608 fms.). Figured holotype USNM 38308 sta. 2084.

sandersoni Verrill, *Buccinum*

Plate 14, fig. 1

1882, *TCAAS* 5: 490, pl. 58, fig. 9 (1881, *Fish Hawk* 939, 1032, off Martha's Vineyard [Massachusetts], 258, 264 fms.). Lectotype, here selected, USNM 202823 sta. 939 [soft parts in alcohol].

sandersoni Verrill, *Cingula*

1884, *TCAAS* 6: 241 [not figured] (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.); 1893, *in* Bush, *BMCZ* 23: 240, pl. 1, fig. 19. Figured holotype USNM 35447 [at YPM]; paratypes YPM 15770 [in the same USNM lot].

sandersoni Verrill, *Pleurotomella*

1884, TCAAS 6: 149, pl. 31, figs. 3, 3a (1883, *Albatross* 2038, 2033 fms.; 2043, 1467 fms.; 2084, 1290 fms.). Figured holotype USNM 34841 sta. 2038; paratypes USNM 34851 sta. 2043 and USNM 38315 sta. 2084.

sanguinea A. H. Verrill, *Voluta musica*

1950, MCCSC no. 102: 5 (Bequia Island and Carriacou [Islands], Grenadines). Type [presumed to be] in author's collection.

sarsi Bush, *Eulima*

1909, AJS (4) 27: 479 [footnote]. New name for *Eulima intermedia* Verrill 1881, non Cantraine 1835.

sarsii Verrill, *Bela*

1880, PUSNM 3: 364. New name for *Bela cancellata* Sars 1858, non *Bela cancellata* (Mighels and Adams 1842).

Seguenzidae Verrill, Family

1884, TCAAS 6: 186. Type genus: *Seguenzia* Jeffreys 1876.

Sepidea Verrill, Division

1881, TCAAS 5: 432, 433. Family mentioned: Loliginidae H. and A. Adams 1853.

Sepiolidea Verrill, Division

1881, TCAAS 5: 432, 434. Family mentioned: Sepiolidae Kefferstein 1866.

simplex Verrill and Bush, *Cryptodon* (*Axinulus*)

1898, PUSNM 20: 791, pl. 92, figs. 3, 4 (1882, *Fish Hawk* 1093, off Martha's Vineyard [Massachusetts], 349 fms.). Figured holotype USNM 159888.

simplex Verrill, *Cyclopecten*

Plate 8, fig. 3

1897, TCAAS 10: 87, pl. 16, fig. 1; pl. 19, figs. 1-2 (West Indies, USFC). Lectotype, here selected, YPM 8763, with note "isolated left valve is potential lectotype, T. J. Waller 9/23/80"; 1884, *Albatross* 2150; 382 fms. [not in USNM type collection].

simplex Verrill, *Sipho* (*Mohnia*)

Plate 12, fig. 4

1884, TCAAS 6: 174 [not figured] (1883, *Albatross* 2115, off Cape Hatteras [North Carolina], 843 fms., 2055, 9915 fms.). The "holotype" USNM 35573 sta. 2115 mentioned by Bouchet and Warén (1985: 206) is much smaller than the original measured holotype and is here selected lectotype.

smithi Bush, *Circulus*

1897, TCAAS 10: 126. New name for *Cyclostrema tricarinatus* Smith 1871, non Wood 1848.

smithii Verrill, *Marginella*

See under: *virginiana* Verrill, *Marginella*.

smithii Verrill, *Turbonilla*

1880, PUSNM 3: 380 [not figured] (1880, *Fish Hawk* 871, 873, 876 off Martha's Vineyard [Massachusetts], 100-120 fms.); 1882, TCAAS 5: 538,

pl. 58, fig. 10, genus changed to: *Eulimella*. Figured holotype USNM 45482 sta. 871; paratypes YPM 15752 sta. 871 and YPM 15753 sta. 876.

solidum Verrill, *Dentalium*

1884, TCAAS 6: 215 [not figured] (1883, *Albatross* numerous stations between 2050 and 2115, 843-2084 fms.); non Hutton 1873, changed to: *Dentalium (Fissidentalium) meridionale verrilli* Henderson (1920: 2). Lectotype USNM 34687 sta. 2083, off Georges Bank, 956 fms., selected by Henderson, *Ibid.* pl. 9, fig. 3.

somersensis Verrill, *Phacoides pennsylvanicus*

1906, TCAAS 12: 185 [141], fig. 63 (Devonshire formation [Cenozoic], near Hungry Bay [Bermuda]). Holotype YPM 15740, left valve [not located].

somersensis Verrill, *Succinea*

1906, TCAAS 12: 171 [127] [not figured] (beach rock, Devonshire formation [Cenozoic], near Hungry Bay [Bermuda]). Holotype YPM 15740, only specimen. [The apex is missing, the aperture is broken and lodged in the matrix].

somersi Verrill and Bush, *Odostomia (Evalea)*

1900, TCAAS 10: 533, pl. 65, fig. 7 (Bermuda). Four specimens YPM 15710, labeled "syntypes" are not this species. [They appear to be *Eulima*].

spectabilis Verrill, *Cadulus*

1885, TCAAS 6: 432, pl. 44, fig. 19 (1883, *Albatross* 2043, 1467 fms.; 1884, *Albatross* 2174, 2221, 2222, 2228, 1525-1594 fms.). Holotype USNM 78626 sta. 2711, *teste* Henderson (1920: 107, pl. 17, fig. 9); station 2711 was made in 1886. The holotype is USNM 40498 sta. 2221, *teste* (Turner, 1955: 320); paratype USNM 38116 sta. 2043.

spectabilis A. H. Verrill, *Strombus costatus*

1950, *Nautilus* 63: 127, pl. 9, fig. 4 (off Dominica, Lesser Antilles, 30-40 fms.). Type in author's collection.

spinulosa Bush, *Granigyra*

Plate 10, fig. 1

1897, TCAAS 10: 135 [not figured] (1886, *Albatross* 2655, 338 fms.). Holotype YPM 15805, only specimen.

Stauroteuthis Verrill, Genus

1879, *AJS* (3) 18: 468. Type species: *Stauroteuthis syrtensis* Verrill 1879, by monotypy.

Sthenoteuthis Verrill, Genus

1880, TCAAS 5: 222. Type species: *Architeuthis megaptera* Verrill 1878, original designation.

stimpsoni Verrill, *Cuthona*

1879, *AJS* (3) 17: 314 [not figured] (Eastport, Maine); 1882, TCAAS 5: 552, pl. 42, fig. 14, genus changed to: *Coryphella*. Two syntypes YPM 15679; syntype YPM 15680 [dried up].

stimpsoni Bush, *Turbonilla*

1899, *PANSP* 52: 156, pl. 8, fig. 7 (Carolina Coast). Holotype ANSP 72042, only specimen.

stimpsoniana S. I. Smith, *Gundlachia*

1870, in Smith and Prime, ALNHNY 9: 399, fig. 6 (three ponds at Greenport, Long Island; and one on Shelter Island both Suffolk Co., New York) Syntypes [not located].

stimpsonii Verrill, *Stylifera*

1870, AJS (3) 3: 210, 283 (off the coast of New Jersey, on a bank in 32 fms., parasitic on *Euryechinus dröbachiensis* V.); 1874, in Smith and Harger, TCAAS 3: 49, pl. 1, fig. 1. Syntypes YPM [not located].

Stoloteuthis Verrill, Genus

1881, TCAAS 5: 417. Type species: *Sepiola leucoptera* Verrill 1878, original designation.

strausi A. H. Verrill, *Murex* (*Aaronia*)

1950, MCCSC no. 103: 4, 2 text figs. (Soufriere Bay, Dominica [Lesser Antilles, 75-100 fms.]). Five types [presumed to be] in author's collection.

striata Verrill, *Aclis*

Plate 11, fig. 7

1880, PUSNM 3: 377 [not figured] (Bay of Fundy, near Eastport, Maine; 1880, *Fish Hawk* 873, off Newport, Rhode Island, 100 fms.); 1882, TCAAS 5: 528, pl. 58, fig. 13. Lectotype, here selected, YPM 15757 from the former locality; paralectotype YPM 15704 from the latter locality, only specimens.

striata Bush, *Lissospirata*

1897, TCAAS 10: 132, figs. 5, a (1884, *Albatross* 2213, off Martha's Vineyard [Massachusetts], 384 fms.). Holotype USNM 77626, only specimen.

striatella Verrill and Bush, *Halonympha*

1898, PUSNM 20: 810, pl. 72, figs. 2, 3; pl. 77, fig. 10 (1886, *Albatross* 2655, 338 fms.). Holotype USNM 203003, single valve.

striatula Verrill and Bush, *Montacuta*

1898, PUSNM 20: 780, pl. 93, fig. 9 (1883-84, *Albatross* 2273, 2276, off Cape Hatteras, North Carolina, 15-48 fms.). Figured holotype USNM 77634 sta. 2273 [not 41486 as published. This reserved USFC number was inadvertently used for another species].

stricta Verrill, *Turbonilla*

Plate 16, fig. 5

1873, ARUSCFF, p. 658 [365] [not figured] (Long Island Sound, off New Haven [Connecticut]). Lectotype, here selected, YPM 12849.

stricta Verrill and Bush, *Yoldiella iris*

1898, PUSNM 20: 864, pl. 80, fig. 1 (1877, *Speedwell* 43, off Cape Sable [Nova Scotia], 90 fms.). Holotype USNM 74325, only specimen.

subangulata Verrill, *Gymnobela curta*

Plate 14, fig. 4

1884, TCAAS 6: 159 [not figured] (1883, *Albatross* 2043, 1467 fms., 2084, 1290 fms., 2038, 2033 fms., 2096, 1451 fms.). [None of the four type lots with the published catalogue numbers mentioned as being in the USNM were located by Bouchet and Warén (1980: 56) or the present author]. Lectotype, here selected, YPM 15696 sta. 2043.

subangulata Verrill and Bush, *Yoldiella*

1898, PUSNM 20: 865, pl. 77, fig. 3; pl. 79, fig. 6 (1874, *Bache* 46, off Agamenticus Mountain [York Co., Maine], 51 fms.). Holotype USNM 159728, only specimen.

subimbrifer Verrill and Bush, *Cyclopecten*

1897, *in* Verrill, TCAAS 10: 84 (off the eastern coast of the United States, 121-312 fms.); 1882, TCAAS 5: 581, pl. 44, fig. 11 as *Pecten hoskynsi* Verrill, non Forbes; 1898 *in* Verrill and Bush, PUSNM 20: 840, pl. 85, figs. 8, 9. Figured syntypes USNM 48762, fig. 8; USNM 48766, fig. 9.

sublaevis Verrill, *Rossia*

1878, AJS (3) 16: 209 (Massachusetts Bay); 1880, AJS (3) 19: 291, pl. 15, fig. 3. Syntypes USNM 576701, 1877, *Speedwell*, 85, 86, 57-100 fms., *teste* Roper and Sweeney (1978: 13).

sublevis Verrill and Bush, *Ledella messanensis*

1898, PUSNM 20: 856, pl. 81, fig. 7 (1883-86, *Albatross*, thirteen stations between 42°47'N, 61°4'W and 38°20'N, 70°8'30"W, 1188-2033 fms.). Figured holotype USNM 35212 sta. 2038.

sublevis Verrill, *Poromya*

1884, TCAAS 6: 221, pl. 32, fig. 21 (1883, *Albatross* 2097, off Chesapeake Bay, 1917 fms.). Holotype USNM 35263, only specimen.

subornata Verrill, *Elysia*

1901, TCAAS 11: 29, pl. 4, fig. 4 (Castle Harbor [Bermuda], under stones, rare). Holotype YPM [not located].

subovata Verrill and Bush, *Neilonella*

1897, AJS (4) 3: 57 [footnote] figs. 7, 8, 22 (1883-87, *Albatross*, many stations from off Georges Bank to Cape Hatteras [North Carolina], 125-1731 fms.); 1898, PUSNM 20: 878, pl. 80, fig. 10; pl. 82, figs. 3, 4. Figured holotype 34826 or 34326 [*sic*] [not in USNM type collection].

subovata Verrill and Bush, *Nucula*

1898, PUSNM 20: 852, pl. 81, fig. 8; pl. 83, fig. 5 (1880-85, *Fish Hawk*, *Albatross*, four stations between 40°N, 71°14'30"W and 37°8'N, 74°33'W, 157-444 fms.). Holotype USNM 40474, fig. 5, sta. 2171.

subturgida Verrill, *Bela*

Plate 11, fig. 2

1884, TCAAS 6: 161 [not figured] (1883, *Albatross* 2115, off Cape Hatteras [North Carolina], 843 fms.). Measured holotype USNM 35602 [with note "figured" on USNM type card], two specimens only.

subvitrea Verrill, *Bela*

Plate 11, fig. 3

1884, TCAAS 6: 160 [not figured] (1883, *Albatross* 2115, off Cape Hatteras [North Carolina], 843 fms.). Measured syntype, here selected lectotype, USNM 37811 [published no. 35601, both numbers on USNM type card with note "figured"]; paralectotype YPM 16660 from USNM 37811.

sulcata Verrill and Bush, *Limopsis*

1898, PUSNM 20: 845, pl. 92, fig. 2; pl. 95, fig. 9; pl. 96, fig. 1 (1880-84, *Fish Hawk*, *Albatross*, ten stations between 40°8'N, 68°45'W and 37°7'4"N, 74°35'40"W, 64-349 fms.). Figured syntypes USNM 44829 sta. 2029 and USNM 159785 sta. 2199; syntypes YPM 5765 sta. 865 and YPM 5766 sta. 871.

sulcata Verrill, *Odostomia* (*Menestho*)

1880, PUSNM 3: 380 [not figured] (1880, *Fish Hawk* 871, 894, off Martha's Vineyard [Massachusetts], 115, 365 fms.); 1882, TCAAS 5: 539, pl. 58, fig. 17, genus changed to: *Menestho* [not in USNM or YPM type collections].

sulcatum Verrill, *Dentalium occidentale*

1884, TCAAS 6: 217 [not figured] (1883, *Albatross* 2076, 906 fms., 2077, 1255 fms., 2079, 75 fms.); non Lamarck 1818, changed to: *Dentalium* (*Antalis*) *occidentale georgiense*, Henderson (1920: 43). Type lot USNM 35098 sta. 2077 [specimen lost], was not located by Henderson who figured a specimen from USNM 52742 sta. 2582, off Martha's Vineyard [Massachusetts], 137 fms., pl. 5, fig. 5.

sulcifera Bush, *Pleurotomella*

1893, BMCZ 23: 207, pl. 2, fig. 4 (1880, *Blake* 325, off Cape Fear [North Carolina], 647 fms.). Holotype MCZ 119050, only specimen.

swiftii Bush, *Turbonilla*

1899, PANSP 52: 166 [not figured] (St. Thomas, West Indies); 1900, in Verrill and Bush, TCAAS 10: 529, pl. 64, figs. 21, 21a. Figured holotype ANSP 72055.

syngenes Verrill, *Cingula*

1884, TCAAS 6: 180, pl. 32, fig. 11 (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.). Figured holotype USNM 35453; paratype YPM 15771.

syrtenensis Verrill, *Stauroteuthis*

1879, AJS (3) 18: 469 (43°54'N, 58°44'W, on Banquereau Bank about 30 miles E. of Sable Island [off Nova Scotia] 250 fms.); 1880, AJS 19: 294, pl. 16, figs. 1-5. Holotype USNM 382471, *teste* Roper and Sweeney (1978: 13).

tanneri Verrill, *Fissurella*

1882, PUSNM 5: 333 [not figured] (1881, *Fish Hawk* 1046, off Delaware Bay, 104 fms.); 1884, TCAAS 6: 255, pl. 29, figs. 13, 13a. Holotype USNM 43765, only specimen.

tanneri Verrill and Smith, *Typhlomangelia*

1884, in Verrill, TCAAS 6: 163, pl. 31, fig. 8 (1883, *Albatross* 2084, 1290 fms.). Holotype USNM 38067, only specimen.

Taonidea Verrill, *Division*

1881, TCAAS 5: 427, 431. Family mentioned: Desmoteuthidae Verrill 1881.

tarda Verrill, *Pleurobranchaea*

1880, *AJS* (3) 20: 398 [not figured] (1880, *Fish Hawk* 814, 865-888, 895; 28-350 fms.); 1882, *TCAAS* 5: 546, pl. 58, fig. 26. Figured type [not located in USNM or YPM type collections].

tarda Verrill, *Tethys* (*Aplysia*)

1901, *TCAAS* 11: 26, pl. 3, figs. 4, 4a, 4b (Coney Island [Bermuda]). Holotype YPM [not located].

tenellus Verrill, *Angulus*

1873, *ARUSCF*, p. 667 [383]. New name for *Angulus modestus* Verrill 1872, non Carpenter 1864, see under: **modestus** Verrill, *Angulus*.

tenera Verrill, *Choristes elegans*

1882, *TCAAS* 5: 541, pl. 58, figs. 27, 27a (1881, *Fish Hawk* 1031, off Martha's Vineyard [Massachusetts], 225 fms.); 1884, *Ibid.* 6: pl. 29, figs. 9, a-b (juvenile). Figured holotype USNM 45251; paratype YPM 15769.

tenera Verrill, *Desmoteuthis*

1881, *TCAAS* 5: 412, pl. 55, figs. 2-2d; pl. 56, fig. 3 (*Fish Hawk* 952, off Martha's Vineyard [Massachusetts], 396 fms.). Syntypes USNM 574850, location of only other syntype unknown, *teste* Roper and Sweeney (1978: 13).

tenera Verrill, *Heteroteuthis*

1880, *AJS* (3) 20: 392 [not figured] (1880, *Fish Hawk* 865-880, off southern New England 65-500 fms.); 1881, *TCAAS* 5: 357, pl. 46, figs. 2-2d, 3-3b; pl. 47, figs. 5, 5a; 1881, *BMCZ* 8: 103, pl. 3, figs. 5-5b; pl. 8, figs. 2-2d, 3-3b. About 200 syntypes [not located in USNM or YPM]. Subsequently collected specimen mentioned by Verrill YPM 16116, *Blake* sta. 321.

tenue Verrill and Bush, *Caecum*

1900, *TCAAS* 10: 537, pl. 65, fig. 5 (Bermuda). Figured holotype YPM 15670.

tenuis Verrill, *Aclis*

1882, *TCAAS* 5: 528, pl. 58, fig. 19 (1880, *Fish Hawk* 873, off Martha's Vineyard [Massachusetts], 100 fms.). Figured holotype USNM 44821.

tenuis Verrill and Bush, *Montacuta bidentata*

1898, *PUSNM* 20: 779, pl. 92, fig. 7 (1884, *Albatross* 2277, off Cape Hatteras, North Carolina, 16-17 fms.). Figured holotype USNM 77635.

teres Bush, *Odostomia engonia*

1885, *TCAAS* 6: 467, pl. 45, fig. 9 ([1884] *Albatross* [2276], off Cape Hatteras [North Carolina], 15-16 fms.). Figured holotype USNM 44951; paratype YPM 16149.

teres Bush, *Scalaria*

1885, *TCAAS* 6: 465, pl. 45, fig. 8 (1884, *Albatross* 2275, 2276, off Cape Hatteras [North Carolina], 16 fms.). Holotype USNM 44842 sta. 2276.

Teuthidea Verrill, *Division*

1880, *TCAAS* 5: 427. Family mentioned: *Teuthidae* Owen 1838.

Tharsiella Bush, Genus

1897, TCAAS 10: 113. New name for *Tharsis* Jeffreys 1883, non Giebel 1847. Type species: *Oxystele romettensis* Seguenza (1877 in Grillo, p. 7), original designation by Jeffreys.

tiarella Verrill, **Torellia fimbriata** Plate 10, fig. 3

1882, PUSNM 5: 331 [not figured] (1880-81, *Fish Hawk* 869, 878, 939, 1025, 1026, 1033, 1038; 142-258 fms.; 1873, *Bache* 21B, 42°49'N, 68°50'W, near Cashes Ledge, off the coast of Maine, 52-90 fms.); 1882, TCAAS 5: 521 [not figured]. Lectotype, here selected, USNM 45431 sta. 1026.

tincta Verrill, **Philine** Plate 10, fig. 6

1882, TCAAS 5: 544 [not figured] (1881, *Fish Hawk* 921, off Martha's Vineyard [Massachusetts], 67 fms.). Lectotype, here selected, USNM 45648, two specimens only.

tincta Verrill, **Pleurotomella**

1885, TCAAS 6: 412, pl. 44, fig. 4 (1884, *Albatross* 2224, 2574 fms., 2225, 2512 fms.). Figured holotype USNM 44652 sta. 2225; paratype USNM 44651 sta. 2224, only specimens.

Tindarinae Verrill and Bush, Subfamily

1897, AJS (4) 3: 58, 59. Type genus: *Tindaria* Bellardi 1875.

Tindariopsis Verrill and Bush, Subgenus of **Tindaria**

1897, AJS (4) 3: 59. Type species: *Malletia (Tindaria) agathida* Dall 1890, original designation.

tobagoensis A. H. Verrill, **Voluta musica**

1953, MCCSC no. 134: 5 (fig.) (Tobago [West Indies]). Type and paratype [presumed to be] in author's collection.

tornata Verrill, **Odostomia** Plate 15, fig. 5

1884, TCAAS 6: 196 [not figured] (1883, *Albatross* 2109, off Cape Hatteras [North Carolina], 142 fms.). Holotype USNM 38033, only specimen [with note "pl. 85, fig. 3" on USNM type card].

tornatum Verrill and Bush, **Caecum**

1900, TCAAS 10: 537, pl. 65, fig. 1 (Bermuda). Figured holotype YPM 15671 and 10 paratypes.

tornatus Verrill, **Taranis morchii** Plate 13, fig. 2

1884, TCAAS 6: 251 [not figured] (1883, *Albatross* 2077, 1255 fms.). Holotype USNM 37807; paratype YPM 15741, only specimens.

trigona Verrill, **Nucula**

1885, TCAAS 6: 438 [not figured] (1884, *Albatross* 2194, 1140 fms., 2228, 1582 fms., 2229, 1423 fms. [off Maryland]); non Bronn 1849, non Seguenza 1877 changed to: *Nucula verrilli* Dall 1886, BMCZ 12: 284; 1893, in Bush, BMCZ 23: 240, pl. 1, fig. 6; 1898, in Verrill and Bush, PUSNM 20: 853, pl. 95, fig. 10. Figured holotype USNM 45752 sta. 2229.

trilix Bush, **Skenea**

1885, ARUSCFF for 1883, p. 584 [not figured] ([1883] *Albatross* [2113], off Cape Hatteras, [North Carolina], 7-17 [15] fms.); 1885, TCAAS 6: 464, pl. 45, figs. 7, 7a; 1897, *Ibid.* 10: 127, pl. 22, figs. 6, 10, 10a, 12; pl. 23, figs. 10, 15, genus changed to: *Circulus*. Figured holotype USNM 35365.

triquetra Verrill and Bush, **Montacuta**

1898, PUSNM 20: 782, pl. 91, fig. 3 (1884, *Albatross* 2307, off Cape Hatteras, North Carolina, 43 fms.). Figured holotype USNM 77627, right valve.

trochoides Verrill, **Cyclostrema**

See under: **dalli** Verrill, **Cyclostrema**.

tryoni Bush, **Vitrinella**

1897, TCAAS 10: 123, pl. 22, figs. 11, 11a (1884, *Albatross* 2278, off Cape Hatteras, North Carolina, 16 fms.). Holotype USNM 41561, only specimen.

tubicola Verrill and Smith, **Lepetella**

1880, in Verrill, *AJS* (3) 20: 396 [not figured] (1880, *Fish Hawk* 869, 894; off Martha's Vineyard [Massachusetts], 192, 365 fms.); 1882, TCAAS 5: 534, pl. 58, figs. 29 and 29a. Numerous syntypes USNM 43723 sta. 869 and USNM 43726 sta. 894; radula of USNM 153171 figured by Hickman (1983: 78, figs. 11, 12b).

tumens Verrill, **Chione**

Plate 3, fig. 3

1870, *AJS* (2) 49: 222 [not figured] (La Paz [Baja California]). Lectotype, here selected, YPM 3021b.

tumida Verrill, **Gastranella**

1872, *AJS* (3) 3: 210, 286, pl. 6, figs. 3, 3a (Long Island Sound near New Haven [Connecticut]). Figured syntypes YPM 8845.

turgida Verrill and Bush, **Cuspidaria**

1898, PUSNM 20: 799, pl. 72, fig. 7; pl. 77, fig. 4 (1886, *Albatross* 2714, 1825 fms.). Holotype USNM 78789, only specimen.

turgida Verrill and Smith, **Diplodonta**

1881, in Verrill, *AJS* (3) 22: 303 [not figured] (1881, *Fish Hawk* 950, 75 miles south of Martha's Vineyard [Massachusetts], 69 fms.); 1882, TCAAS 5: 569, pl. 58, fig. 42. Holotype USNM 46143, single valve.

undata Verrill, **Neaera**

1884, TCAAS 6: 223 [not figured] (1883, *Albatross* 2098, off Chesapeake Bay [Maryland], 2221 fms.); 1898, in Verrill and Bush, PUSNM 20: 798, pl. 72, fig. 1; pl. 78, figs. 3, 4 [subsequently discovered specimen]. Holotype USNM 35256, fig. 1, single valve.

undatus Verrill and Smith, **Pecten**

1885, in Verrill, TCAAS 6: 444, pl. 44, fig. 21 (1884, *Albatross* 2229, 1423 fms., 2221, 1525 fms.). Holotype USNM 44827 sta. 2229; paratype USNM 44828 sta. 2221, single preserved specimen and a fragment.

undulata Verrill, *Periploma*

1885, TCAAS 6: 433 [not figured] (1885, *Albatross* 2234, 816 fms.); 1898, in Verrill and Bush, PUSNM 20: 823, pl. 79, fig. 1; pl. 87, fig. 5. Holotype USNM 44840, only specimen.

unilirata Bush, *Turbonilla*

1899, PANSP 52: 165, pl. 8, fig. 6 (St. Thomas [Virgin Islands]). Figured holotype ANSP 79010.

valida Verrill and Bush, *Turbonilla*

1900, TCAAS 10: 528, pl. 64, fig. 20 (Bermuda). Holotype YPM 15754, only specimen.

ventricosa Verrill and Bush, *Cuspidaria*

1898, PUSNM 20: 802, pl. 72, fig. 5; pl. 76, fig. 6 (1882-86, *Fish Hawk*, *Albatross*, three stations between 40°29'N, 66°4'W and 38°27'30"N, 70°54'30"W, 349-1769 fms.). Figured syntypes USNM 52548 fig. 5, right valve, sta. 2752; USNM 78783 fig. 6, left valve, sta. 2715; syntype YPM 8825 sta. 1093. Only four valves collected.

veriformis S. I. Smith, *Aeolis*

1860, ALNHNY 7: 160 [not figured] ([Gardiner's Bay, Long Island, Suffolk Co., New York]). Holotype [not located], only specimen.

veronicae Verrill, *Cratena*

1880, PUSNM 3: 389 [not figured] (1879, *Speedwell* 328, off Cape Cod [Massachusetts], 23 fms.); 1882, TCAAS 5: 553 [not figured] [not in USNM or YPM type collections].

verilli Tryon, *Cyclostrema*

See under: **cingulatum** Verrill, *Cyclostrema*.

verilli Henderson, *Dentalium* (*Fissidentalium*) *meridionale*

See under: **solidum** Verrill, *Dentalium*.

verilli Bush, *Leptogyra*

1897, TCAAS 10: 136, pl. 23, figs. 13, 13a (1884, *Albatross* 2174, off Delaware Bay, 1594 fms.). Lectotype USNM 859033 selected by Marshall (1988: 959, figs. 2a-c); paralectotype, figured by Bush, USNM 77623; paralectotype YPM 15806.

verilli Dall, *Nucula*

See under: **trigona** Verrill, *Nucula*.

verillii Bush, *Trophon*

1893, BMCZ 23: 214, pl. 1, fig. 16 (1880, *Blake* 325, off Cape Fear [North Carolina], 647 fms.). Figured holotype MCZ 119157.

verilliana Bush, *Eulima*

1909, AJS (4) 27: 479. New name for *Eulimella nitida* Verrill 1884, non *Melania nitida* Philippi 1840 nor *Eulima nitida* A. Adams 1866.

verrucosa Verrill, *Eledone*

1881, BMCZ 8: 105, pls. 5, 6 (1880, *Blake* 305, 312, off northeastern extremity of Georges Bank, 810, 466 fms.); 1917, Berry, PSNSP 69: 5, fig. 1 distal

portion of right third arm of type. Figured holotype MCZ 3489 sta. 305 [lost]; syntypes USNM 729732 sta. 305 and USNM 577583 sta. 312, *teste* Roper and Sweeney (1978: 14).

virens Verrill, *Dolabrifera*

1901, TCAAS 11: 24, fig. 1; pl. 2, figs. 4a, 4b, 5a, 5b; pl. 4, fig. 11 (Hungry Bay [Bermuda], under stones at low tide). Figured holotype; five paratypes YPM [not located].

virginiana Verrill, *Marginella*

1885, TCAAS 6: 420 [not figured] (1884, *Albatross* 2272, off Cape Hatteras [North Carolina], 15 fms., 2265, off Chesapeake Bay [Maryland], 70 fms.). Non *Prunum virginiana* Conrad 1868, changed to: *Marginella smithii* Verrill 1885, *Ibid.* p. 452; 1893, in Bush, BMCZ 23: 240, pl. 1, fig. 18. Figured holotype USNM 44834 sta. 2272 [also paratypes under same number].

vitrea Verrill, *Pleuromotella*

1885, TCAAS 6: 414, pl. 44, fig. 6 (1884, *Albatross* 2212, 428 fms., 2213, 384 fms.). Figured holotype USNM 44654 sta. 2212; paratypes USNM 40472 sta. 2213, three specimens only.

vitrea Verrill, *Styliola*

1872, AJS (3) 3: 210, 284, pl. 6, fig. 7 (among *Salpae*, off Gay Head, Martha's Vineyard [Massachusetts]). Syntypes YPM [not located].

whiteavesii Verrill, *Lovenella*

1880, AJS (3) 20: 396 [not figured] (1880, *Fish Hawk* 891, 894, off southern New England, 500, 365 fms.; Gulf of St. Lawrence, Whiteaves); 1882, TCAAS 5: 522, pl. 42, fig. 7, genus changed to: *Cerithiella*, new name for *Lovenella* Sars 1878, non Hincks 1869. Syntypes National Museum of Natural Sciences, Ottawa, Canada, 161, from the latter locality, *teste* Smith (1981: 4).

Yoldiella Verrill and Bush, Genus

1897, AJS (4) 3: 55. Type species: *Yoldia lucida* Loven 1846, original designation. Confirmed, 1985, *Bulletin of Zoological Nomenclature* 42 (2): 146, Opinion 1306, *Yoldiella* name no. 2250, *Y. lucida* name no. 2945.

zonatus Verrill, *Poecilozonites bermudensis*

1902, TCAAS 11: 728 [316] footnote [as *zonata*]; 1906, *Ibid.* 13: 164 [120], pl. 26, figs. 1, 2; pl. 27, figs. 2a-1, types (Walsingham limestones at the quarries near the west and southwest shores of Castle Harbor; near Bailey Bay; near Coney Island; Devonshire and Paget formations, examples figured are all of the latter period). Syntypes YPM [not located by Gould (1969: 506)].

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DREDGING STATIONS MADE BY VESSELS OF THE UNITED STATES FISH COMMISSION AND UNITED STATES COAST SURVEY BETWEEN 1877-1886 WHICH ARE TYPE LOCALITIES OF SPECIES MENTIONED IN THE PRECEDING LIST.

DREDGINGS BY SPEEDWELL, 1877-79

STATION NO.	LONGITUDE	LATITUDE	DEPTH IN FATHOMS
18	42°29'	70°38'	45
34	42°37'	09°39'	160
43	43°05.5'	65°02'	90
46	43°05.5'	65°09'	90
52	43°26.5'	65°14'	47
56-58	not given	not given	16
	[Halifax Harbor]		
70	42°45.5'	62°43'	190
85	44°04'	63°27'	101
86	44°04'	63°27'	101
98	not given	not given	18
	[Halifax Harbor]		
99	not given	not given	18
	[Halifax Harbor]		
142	42°34'	70°32'	8.5
148	42°33'	70°41.5'	16
186	42°33'	69°55'	110
194	42°33.5'	69°58.5'	110
254	41°57'	70°17.5'	21
292	42°03.5'	70°18.5'	29
293	42°03.5'	70°19.5'	27
304	42°10'	69°45'	122
313	41°58'	70°09'	15
321	42°03'	70°15'	29.5
325	42°14.5'	70°00.5'	83
326	42°14.5'	70°02'	75
327	42°11'	70°12.5'	17
328	42°10'	70°13'	23
329	42°00'	70°12'	26
330	42°09.5'	70°13'	26
340	41°51'	70°27.5'	14

DREDGINGS BY BLAKE, 1878-80

STATION NO.	LONGITUDE	LATITUDE	DEPTH IN FATHOMS
142 Ag.	18°21'45"	64°37'50"	27
148 Ag.	17°17'12"	62°46'43"	208
245 Ag.	12°07'55"	61°50'45"	1010
260 Ag.	12°03'30"	61°47'10"	291
278 Ag.	13°04'50"	59°37'40"	69
295 Ag.	13°14'18"	59°41'12"	180
303 Ag.	41°34'30"	65°54'30"	306
305 Ag.	41°33'15"	65°51'25"	810
307 Ag.	41°29'45"	65°47'10"	980
312 Ag.	39°50'30"	70°11'00"	466
313 Ag.	32°31'50"	78°45'00"	75
319 Ag.	32°25'00"	77°42'30"	262
325 Ag.	33°35'20"	76°00'00"	647
326 Ag.	33°42'15"	76°00'50"	464
328 Ag.	34°28'45"	75°22'50"	1632
329 Ag.	34°49'40"	75°14'40"	603

DREDGINGS BY FISH HAWK, 1880-82

STATION NO.	LONGITUDE	LATITUDE	DEPTH IN FATHOMS
770	not given [Narragansett Bay]	not given	8.25
812	not given [Off Block Island]	not given	28.5
813	not given [Off Block Island]	not given	28.5
814	not given [Off Block Island]	not given	27.5
816	not given [Narragansett Bay]	not given	8.5
817	not given [Narragansett Bay]	not given	10
856	not given [Narragansett Bay]	not given	11
857	not given [Narragansett Bay]	not given	19
858	not given [Narragansett Bay]	not given	14
859	not given [Vineyard Sound]	not given	17.5
860	not given [Vineyard Sound]	not given	17.5

Fish Hawk (continued)

861	not given	not given	17
	[Vineyard Sound]		
862	not given	not given	17
	[Vineyard Sound]		
863	not given	not given	18
	[Vineyard Sound]		
864	not given	not given	13
	[Vineyard Sound]		
865	40°05'	70°23'	65
866	40°05'18"	70°22'18"	65
867	40°05'42"	70°22'06"	64
868	40°01'42"	70°22'30"	162
869	40°02'18"	70°23'06"	192
870	40°02'36"	70°22'58"	155
871	40°02'54"	70°23'40"	115
872	40°05'39"	70°23'52"	86
873	40°02'	70°57'	100
874	40°00'00"	70°57'00"	85
875	39°57'00"	70°57'30"	126
876	39°57'00"	70°56'00"	120
877	39°56'00"	70°54'18"	126
878	39°55'00"	70°54'15"	142.5
879	39°49'30"	70°54'00"	225
880	39°48'30"	70°54'00"	252.5
881	39°46'30"	70°54'00"	325
882	not given	not given	12.5
	[Narragansett Bay]		
883	not given	not given	13
	[Narragansett Bay]		
884	not given	not given	5
	[Narragansett Bay]		
885	not given	not given	16
	[Narragansett Bay]		
886	not given	not given	19
	[Off Block Island]		
887	not given	not given	19
	[Off Block Island]		
888	not given	not given	19
	[Off Block Island]		
889	not given	not given	11
	[Off Block Island]		
890	not given	not given	11
	[Off Block Island]		
891	39°46'00"	71°10'00"	480"?"
892	39°46'00"	71°05'00"	487

Fish Hawk (continued)

893	39°52'20"	70°58'00"	372
894	39°53'00"	70°58'30"	365
895	39°56'30"	70°59'45"	238
896	37°26'00"	74°19'00"	56
897	37°25'00"	74°18'00"	157.5
898	37°24'00"	74°17'00"	300
899	37°22'00"	74°29'00"	57.5
921	40°07'48"	70°43'54"	67
925	39°55'00"	70°47'00"	229
928	not given	not given	10
[Vineyard Sound]			
937	39°49'25"	69°49'00"	616
938	39°51'00"	69°49'15"	317
939	39°53'00"	69°50'30"	264
940	39°54'00"	69°51'30"	134
945	39°58'00"	71°13'00"	207
946	39°55'30"	71°14'00"	247
947	39°53'30"	71°13'30"	319
948	not given	not given	7
[Buzzard's Bay]			
949	40°03'00"	70°31'00"	100
950	40°07'00"	70°32'00"	71
951	39°57'00"	70°31'30"	225
952	39°55'00"	70°28'00"	396
978	not given	not given	17
[Off Chatham, Cape Cod]			
987	40°54'	70°48'30"	28
994	39°40'	71°30'	368
997	39°42'	71°32'	335
999	39°45'13"	71°30'	266
1025	39°49'	71°25'	216
1026	39°50'30"	71°23'	182
1028	39°57'	69°17'	410
1029	39°57'06"	69°16'	458
1031	39°57'	69°19'	255
1032	39°56'	69°22'	208
1033	39°56'	69°24'	183
1035	39°57'	69°28'	120
1036	39°58'	69°30'	94
1038	39°58'	70°06'	146
1039	39°59'	70°06'	130
1046	38°33'	73°18'	104
1048	38°29'	73°21'	435
1092	39°58'	69°42'	202
1093	39°56'	69°42'	349
1096	39°53'	69°47'	317

Fish Hawk (continued)

1097	39°54'	69°44'	158
1118	40°03'	70°45'	70
1124	40°01'	68°54'	640
1137	39°40'	71°52'	173
1142	39°32'	72°00'	322
1143	39°29'	72°01'	452
1154	39°55'31"	70°39'	193

DREDGINGS BY U. S. FISH COMMISSION STEAMER
ALBATROSS, 1883-1986

STATION NO.	LONGITUDE	LATITUDE	DEPTH IN FATHOMS
2003	37°16'30"	74°20'36"	641
2004	37°19'45"	74°26'06"	102
2011	36°38'30"	74°40'10"	81
2012	36°41'15"	74°39'50"	66.5
2025	40°02'00"	70°27'00"	239
2033	39°32'30"	72°18'35"	379
2036	38°52'40"	69°24'40"	1735
2037	38°53'00"	69°23'30"	1731
2038	38°30'30"	69°08'25"	2033
2041	39°22'50"	68°25'00"	1608
2042	39°33'00"	68°26'45"	1555
2043	39°49'00"	68°28'30"	1467
2048	40°02'00"	68°50'30"	547
2050	39°42'59"	69°21'20"	1050
2051	39°41'00"	69°20'20"	1106
2052	39°40'05"	69°21'25"	1098
2055	42°32'00"	68°17'00"	99.5
2072	41°53'00"	65°35'00"	858
2074	41°43'00"	65°21'50"	1309
2076	41°13'00"	66°00'50"	906
2077	41°09'40"	66°02'20"	1255
2078	41°11'30"	66°12'20"	499
2079	41°13'00"	66°19'50"	75
2083	40°26'40"	67°05'15"	959
2084	40°16'50"	67°05'15"	1290
2092	39°58'35"	71°00'30"	197
2094	39°44'30"	71°04'00"	1022
2096	39°22'20"	70°52'20"	1451
2097	37°56'20"	70°57'30"	1917
2098	37°40'30"	70°37'30"	2221
2099	37°12'20"	69°30'00"	2949
2100	39°22'60"	68°34'30"	1628

Albatross (cont'd.)

2102	38°44'00"	72°38'00"	1209
2103	38°47'20"	72°37'00"	1091
2105	37°50'00"	73°03'50"	1395
2106	37°41'20"	73°03'20"	1497
2108	35°16'00"	75°02'30"	48
2109	35°14'20"	74°59'10"	142
2110	35°12'10"	74°57'15"	516
2111	35°09'50"	74°57'40"	938
2113	35°20'30"	75°19'00"	15
2114	35°20'00"	75°20'00"	14
2115	35°49'30"	74°34'45"	843
2132	19°55'39"	75°49'16"	478
2137	17°44'50"	75°39'20"	47
2150	13°34'45"	81°21'10"	382
2171	37°59'30"	73°48'40"	444
2174	38°15'00"	72°03'00"	1594
2189	39°49'30"	70°26'00"	600
2193	39°44'30"	70°10'30"	1122
2194	39°43'45"	70°07'00"	1140
2199	39°57'30"	69°41'10"	78
2203	39°34'15"	71°41'15"	705
2205	39°35'00"	71°18'45"	1073
2208	39°33'00"	71°16'15"	1178
2209	39°34'45"	71°31'30"	1080
2212	39°59'30"	70°30'45"	428
2213	39°58'30"	70°30'00"	384
2215	39°49'15"	70°31'45"	578
2217	39°47'20"	69°34'15"	924
2221	39°05'30"	70°44'30"	1525
2222	39°03'15"	70°50'45"	1537
2224	36°16'30"	68°21'00"	2574
2225	36°05'30"	69°51'45"	2512
2226	37°00'00"	71°54'00"	2045
2227	36°55'23"	71°55'00"	2109
2228	37°25'00"	73°06'00"	1582
2229	37°38'40"	73°16'30"	1423
2230	38°27'00"	73°02'00"	1168
2231	38°29'00"	73°09'00"	965
2233	38°36'30"	73°06'00"	630
2234	39°09'00"	72°03'15"	810
2235	39°12'00"	72°03'30"	707
2249	40°11'00"	69°52'00"	53

Albatross (cont'd.)

2262	39°54'45"	69°29'45"	250
2265	37°07'40"	74°35'40"	70
2268	35°10'40"	75°06'10"	68
2269	35°12'30"	75°05'00"	48
2272	35°20'10"	75°14'00"	15
2273	35°20'30"	75°17'30"	17
2274	35°20'35"	75°18'05"	16
2276	35°20'45"	75°19'15"	16
2277	35°20'50"	75°19'50"	16
2278	35°20'55"	75°20'20"	16
2283	35°21'15"	75°23'15"	14
2307	35°42'00"	74°54'30"	43
2367	22°38'00"	87°00'00"	124
2368	29°15'00"	85°32'00"	28
2369	29°16'30"	85°32'00"	26
2370	29°18'15"	85°32'00"	25
2371	29°17'00"	85°30'45"	26
2372	29°15'30"	85°29'30"	27
2373	29°14'00"	85°29'15"	25
2374	29°11'30"	85°29'00"	26
2375	29°10'00"	85°31'00"	30
2384	28°45'00"	88°15'30"	940
2385	28°51'00"	88°18'00"	730
2484	44°20'00"	57°11'15"	204
2492	45°22'00"	58°43'45"	75
2499	44°46'30"	59°55'45"	130
2547	39°54'30"	70°20'00"	390
2566	37°23'00"	68°08'00"	2620
2568	39°15'00"	68°08'00"	1781
2570	39°54'00"	67°05'30"	1813
2571	40°09'30"	67°09'00"	1356
2572	40°29'00"	66°04'00"	1769
2574	41°02'30"	65°08'15"	1791
2582	39°50'00"	71°43'00"	137
2655	27°22'00"	78°07'30"	338
2689	39°42'00"	71°15'30"	525
2697	47°40'00"	47°35'30"	206
2706	41°28'30"	65°35'30"	1188
2713	38°20'00"	70°08'30"	1859
2714	38°22'00"	70°17'30"	1825
2718	38°24'00"	71°52'00"	1569
2723	36°47'00"	73°09'30"	1685

PAPERS ON MOLLUSKS
BY ADDISON EMERY VERRILL (1839-1926)

This bibliography is extracted from the very complete one by Coe (1930: See under Relevant Literature, p. 13) and his reference numbers are included. Mentioned here are only works which in some way relate to mollusks. Coe did not include book reviews in his work, but those that were located are mentioned below. Only one significant molluscan work was overlooked, "The Cephalopods of the northeastern coast of America" (1882), which seems strange since I have Coe's copy of this work.

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1870 Recent explorations of the deep-sea faunae. American Journal of Science and Arts (2) **49**: 129-134 (January). Coe 25.

1870 Descriptions of shells from the Gulf of California. American Journal of Science and Arts (2) **49**: 217-227 (March). Coe 246.

1870 [Review] *Molluscan fauna of New Haven, A critical review of all of the marine, fresh water, and land mollusca of the region, with descriptions of many of the living animals and of two new species*; by George H. Perkins. 1869, Proceedings of the Boston Society of Natural History. American Journal of Science and Arts (2) **49**: 276-277 (March). Not in Coe.

1870 [Review] *Report on the Invertebrata of Massachusetts, second edition, comprising the Mollusca*; by Augustus A. Gould, edited by W. G. Binney. Boston, 1870. American Journal of Science and Arts (2) **49**: 423-426 (May). Not in Coe.

1870 Descriptions of some New England Nudibranchiata. American Journal of Science and Arts (2) **50**: 405-408, figs. 1-3 (November). Coe 247.

1871 On the distribution of marine animals on the southern coast of New England. American Journal of Science and

- Arts (3) 2: 357-362 (November). Reprinted: *Annals and Magazine of Natural History* 9: 92-97, 1872. Coe 29.
- 1871 Smith, S. I. and A. E. Verrill. Notice of the Invertebrata dredged in Lake Superior in 1871, by the United States Lake Survey, under the direction of General C. B. Comstock, S. I. Smith, naturalist. *American Journal of Science and Arts* (3) 2: 448-454 [Mollusca, pp. 448-449; also reprinted: 1-7] (December). Not in Coe.
- 1871 Marine fauna of Eastport, Maine. *Bulletin of The Essex Institute* 3: 2-6. Coe 30.
- 1872 Recent additions to the molluscan fauna of New England and the adjacent waters, with notes on other species. *American Journal of Science and Arts* (3) 3: 209-213 (March); pp. 281-290, pls. 6-8 (April). Coe 248.
- 1873 Report upon the invertebrate animals of Vineyard Sound and the adjacent waters, with an account of the physical characters of the region. *First Annual Report of the United States Commissioner of Fish and Fisheries*, pp. 295-778, pls. 1-38; author's edition, 1874, with altered title page, pp. i-vi, 1-478. Coe 36.
- 1873 Verrill, A. E., S. I. Smith and Oscar Harger. Catalogue of the marine invertebrate animals of the southern coast of New England, and adjacent waters. In the preceding: pp. 537-746; author's edition, pp. 243-453.
- 1873-1874 Results of recent dredging expeditions on the coast of New England. *American Journal of Science and Arts* (3) 5: 1-16 (January). (1873) Separate copies distributed December 13, 1872; 98-106 (February); 6: 435-441 (December). Coe 34. 1873, 7: 38-46 (January); 131-138 (February); 1874, 405-414, pls. 4-5 (April); 498-505, pls. 6-8 (May). Coe 38.
- 1873 Remarks on certain errors in Mr. Jeffreys' article on *The Mollusca of Europe compared with those of Eastern North America*. *American Journal of Science and Arts* (3) 5: 465-472 (June). Reprinted: *Annals and Magazine of Natural History* 11: 206-213. Coe 249.

- 1873 Discovery of an *Octopus* inhabiting the coast of New England. *American Naturalist* 7: 394-397 (July). Coe 250.
- 1874 Occurrence of gigantic cuttle-fishes on the coast of Newfoundland. *American Journal of Science and Arts* (3) 7: 158- 161 (February). Coe 252.
- 1874 The giant cuttle-fishes of Newfoundland and the common squids of the New England coast. *American Naturalist* 8: 167-174 (March). Coe 253.
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- 1875 Results of dredging expeditions off the New England coast in 1874. *American Journal of Science and Arts* (3) 9: 411-415, pl. 7 (June); 10: 36-43, pls. 3, 4 (July); 196-202 (September). Coe 41.
- 1875 Notice of the occurrence of another gigantic Cephalopod (*Architeuthis*) on the coast of Newfoundland, in December, 1874. *American Journal of Science and Arts* (3) 10: 213-214 (September). Reprinted: *Annals and Magazine of Natural History* 16: 266. Coe 256.
- 1875 On the Post-Pliocene fossils of Sankoty Head, Nantucket Island; with a note on the geology; by S. H. Scudder. *American Journal of Science and Arts* (3) 10: 364-375 (November). Coe 42.

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- 1877 Occurrence of another gigantic Cephalopod on the coast of Newfoundland. American Journal of Science and Arts (3) 14: 425-426 (November). Coe 258.
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- 1878 Occurrence of fossiliferous Tertiary rocks on the Grand Bank and Georges Bank. American Journal of Science and Arts (3) 16: 323-324 (October). [Mollusks mentioned]. Coe 45.
- 1879 Notice of recent additions to the marine fauna of the eastern coast of North America. American Journal of Science and Arts (3) 17: 239-243 (March); 309-315 (April); 18: 468-470 (December). Coe 47.
- 1879 Preliminary check-list of the marine Invertebrata of the Atlantic Coast, from Cape Cod to Gulf of St. Lawrence, pp. 1-32 (June) Special edition only; first supplement pp. 1-2, 1881; second supplement, pp. 1-2, 1882. Coe 48.
- 1879 Notice of recent additions to the marine Invertebrata, of the northeastern coast of America, with descriptions of new genera and species and critical remarks on others. Part 1—Annelida, Gephyraea, Nemertina, Polyzoa, Tunicata, Mollusca, Anthozoa, Echinodermata, Porifera. Proceedings of the United States National Museum 2: 165-205 [Mollusca, pp. 197-198] (November). Coe 52.
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- 1881 Giant Squid (*Architeuthis*) abundant in 1875, at the Grand Banks. *American Journal of Science* (3) 21: 251-252 (March). Coe 267.
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- 1882 Catalogue of marine Mollusca added to the fauna of the New England region, during the past ten years. *Transactions of the Connecticut Academy of Arts and Sciences* 5:

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Coe 272.
- 1882 Notice of recent additions to the marine Invertebrata of the northeastern coast of America, with descriptions of new genera and species and critical remarks on others. Part 4—Additions to the deep-water Mollusca, taken off Martha's Vineyard, in 1880 and 1881. Proceedings of the United States National Museum 5: 315-343 (September).
Coe 269.
- 1882 Notice of the remarkable marine fauna occupying the outer banks off the southern coast of New England, no. 7, and of some additions to the fauna of Vineyard Sound. American Journal of Science (3) 24: 360-371 (November), no. 8, pp. 447-451 (December). [Additional stations occupied in 1882]. Coe 63.
- 1882 [Review] *Description of new Cephalopoda*; by T. W. Kirk. Notes on two gigantic Cephalopods from New Zealand. American Journal of Science (3) 24: 477 (December).
Coe 273.
- 1882 The Cephalopods of the northeastern coast of America. Part 1—The gigantic squids (*Architeuthis*) and their allies, with observations on similar large species from foreign localities. [A revision of paper with the same title, 1879-80]. Part 2—Monographic revision of the Cephalopods of the Atlantic coast from Cape Hatteras to Newfoundland. Annual Report of the United States Commissioner of Fish and Fisheries for 1879, pp. 211-455, pls. 1-46; also repaged: 1-244. Not in Coe.
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- 1883 Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico, and in the Caribbean Sea (1878-79), by the United States coast survey steamer "Blake," . . . Supplementary Report on the "Blake" Cephalopods. Bulletin of the Museum of Comparative Zoology 11: 105-115, pls. 1-3 (October). Coe 274.

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- 1884 Second catalogue of Mollusca recently added to the fauna of the New England coast and the adjacent parts of the Atlantic, consisting mostly of deep-sea species, with notes on others previously recorded. Transactions of the Connecticut Academy of Arts and Sciences 6: 139-294, pls. 28-32 (Index, pp. 507-517) (April-July). Coe 276.
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- 1884 Notice of the remarkable marine fauna occupying the outer banks off the southern coast of New England, and some additions to the fauna of Vineyard Sound. Annual Report of the United States Commissioner of Fish and Fisheries for 1882, 10: 641-669; also repaged: 1-29 [Mollusca, pp. 644-649; 4-9]. Coe 71.
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- 1896 The Opisthoteuthidae. A remarkable new family of deep sea Cephalopoda, with remarks on some points in molluscan morphology. American Journal of Science (4) **2**: 74-80, text figs. 1-8 (July). Coe 280.
- 1896 The Molluscan archetype considered as a veliger-like form, with discussions of certain points in molluscan morphology. American Journal of Science (4) **2**: 91-98, text figs. 1-15 (August). Coe 281.
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- 1897 A gigantic Cephalopod on the Florida Coast. American Journal of Science (4) **3**: 79 (January); Additional information concerning the giant Cephalopod of Florida, *Ibid.* 162-163 (February); The supposed great *Octopus* of Florida; certainly not a Cephalopod, *Ibid.* 335-356 (April). *All* Coe 283.
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PAPERS ON MOLLUSKS

BY KATHERINE JEANNETTE BUSH (1885-1937)

This bibliography is extracted from the complete one by Remington (1977: See under Relevant Literature, p. 13) with minor additions.

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BY ALPHEUS HYATT VERRILL (1871-1954)

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- 1947 Additional *Strombus samba* Clench from Florida. The Nautilus **61**: 32 (July).
- 1947 Additions to the Mollusca of Lake Worth, Florida. The Nautilus **61**: 47-48 (October).
- 1947 *Ensis directus* in Lake Worth, Florida. The Nautilus **61**: 72 (October).
- 1947 Unrecorded habit of *Cymatium cynocephalum*. The Nautilus **61**: 72 (October).
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- 1950 Shell collector's handbook. G. P. Putnam's Sons, New York. pp. xv, 228, pls. 1-16, text figs. 8vo.
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- 1950 A new *Murex* from the West Indies. Minutes of the Conchological Club of Southern California, no. **103**: 4-5, text figs. (August).

- 1950 Two new West Indian shells. Minutes of the Conchological Club of Southern California, no. 104: 3, 2 text figs. (September).
- 1952 A new *Cymatium* from the West Indies. Minutes of the Conchological Club of Southern California, no. 119: 2, 2 text figs. (April).
- 1953 A new *Murex* from West Indies. Minutes of the Conchological Club of Southern California, no. 128: 2, 1 text fig. (June).
- 1953 New Volutes from the West Indies. Minutes of the Conchological Club of Southern California, no. 132: 9, 1 text fig. (October).
- 1953 A new West Indian *Murex*. Minutes of the Conchological Club of Southern California, no. 132: 10, text fig. (October).
- 1953 Two new subspecies of *Voluta musica* from Tobago. Minutes of the Conchological Club of Southern California, no. 134: 4-5, 2 text figs. (December).
- 1954 *Pleurotomaria (Pterotrochus) adansoniana*. Minutes of the Conchological Club of Southern California, no. 137: 34, text figs. (March-April).
- 1954 [Communication from Mr. A. Hyatt Verrill] Minutes of the Conchological Club of Southern California, no. 140: 4 (July).

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The index is for users of this catalogue who may want to see the species originally described, by the several authors, under the genus. Since the species are listed alphabetically in the catalogue, no page numbers are given.

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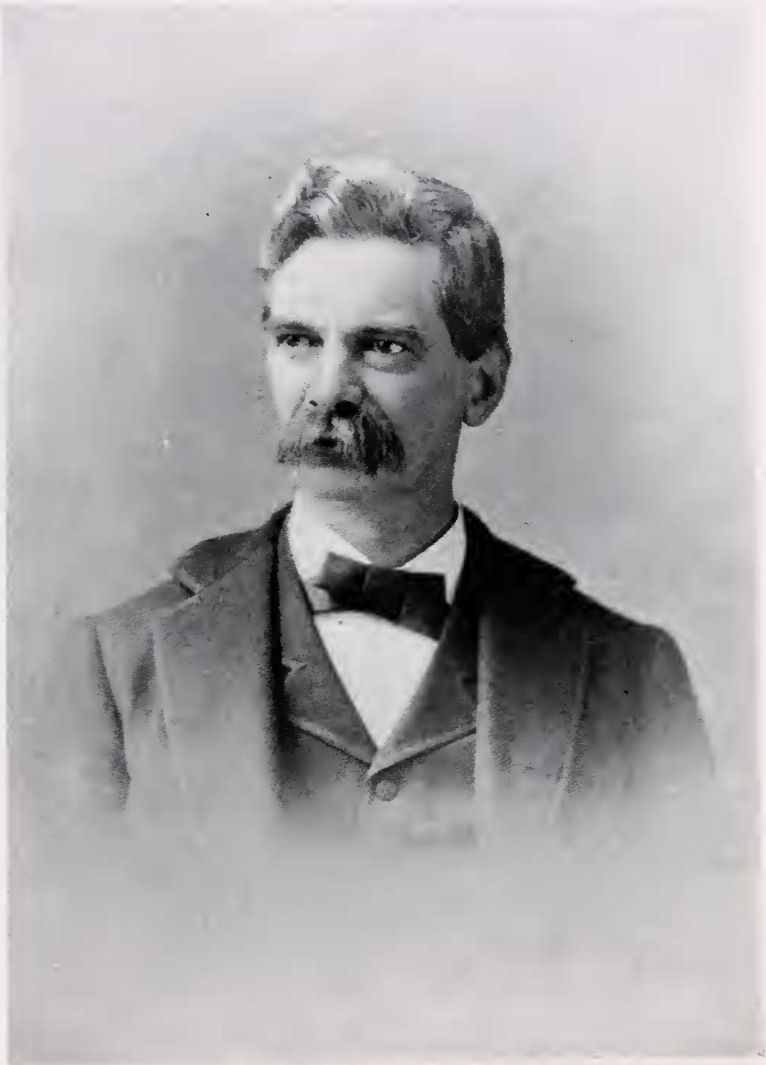
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Plate 1
Addison Emery Verrill
1839-1926
(From Verrill, 1958)



A. E. Verrill

Plate 2

Katharine Jeannette Bush
1855-1937

Katharine J. Bush (back row, left) in a photograph taken in the 1880s at the Woods Hole Laboratory of the Bureau of Fisheries. Her sister, Charlotte Bush, who married Wesley R. Coe, Yale Professor and Peabody Curator, is seated next to her. In the front row are M. J. Rathbun (left), known for her work on Crustacea at the United States National Museum, and Eloise Edwards (right) about whom there is no other information. This only known likeness of K. J. Bush appeared in *Discovery* (1978: 13(2), p. 43) and was kindly supplied for publication here by Dr. Deborah Jean Warner, Curator, History of Physical Sciences, National Museum of American History, who originally found it in the Baird-Fish Commission Papers in the Smithsonian Archives.



*With the compliments of
Katharine A. Bush.*

Plate 3

- Fig. 1. *Papyridea bullata californica* Verrill. La Paz [Baja California]. Lectotype YPM 4072. Length 38, height 30, width 12 mm.
- Fig. 2. *Loripes edentuloides* Verrill. La Paz [Baja California]. Holotype YPM 8884 [single valve]. Length 42, height 39, width 26 [estimated] mm.
- Fig. 3. *Chione tumens* Verrill. La Paz [Baja California]. Lectotype YPM 3021b. Length 39, height 37, width 28 mm.

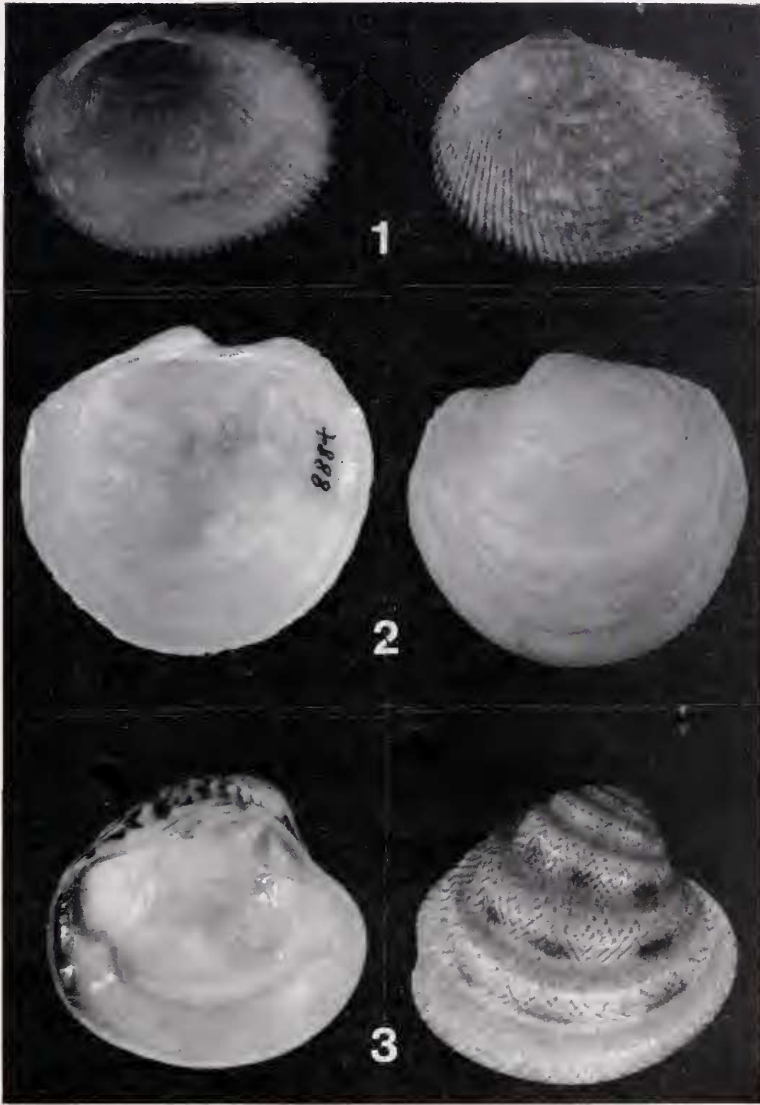


Plate 4

Fig. 1. *Venus isocardia* Verrill. La Paz [Baja California]. Lectotype YPM 4941. Length 60, height 77, width 64 mm.

Fig. 2. *Enaeta pedersenii* Verrill. La Paz [Baja California]. Lectotype YPM 8842. Length 33, width 18 mm.

Fig. 3. *Tivela elegans* Verrill. Acajutla [Salvador]. Lectotype YPM 1843 [single valve]. Length 25, height 19, width 14 [estimated] mm.

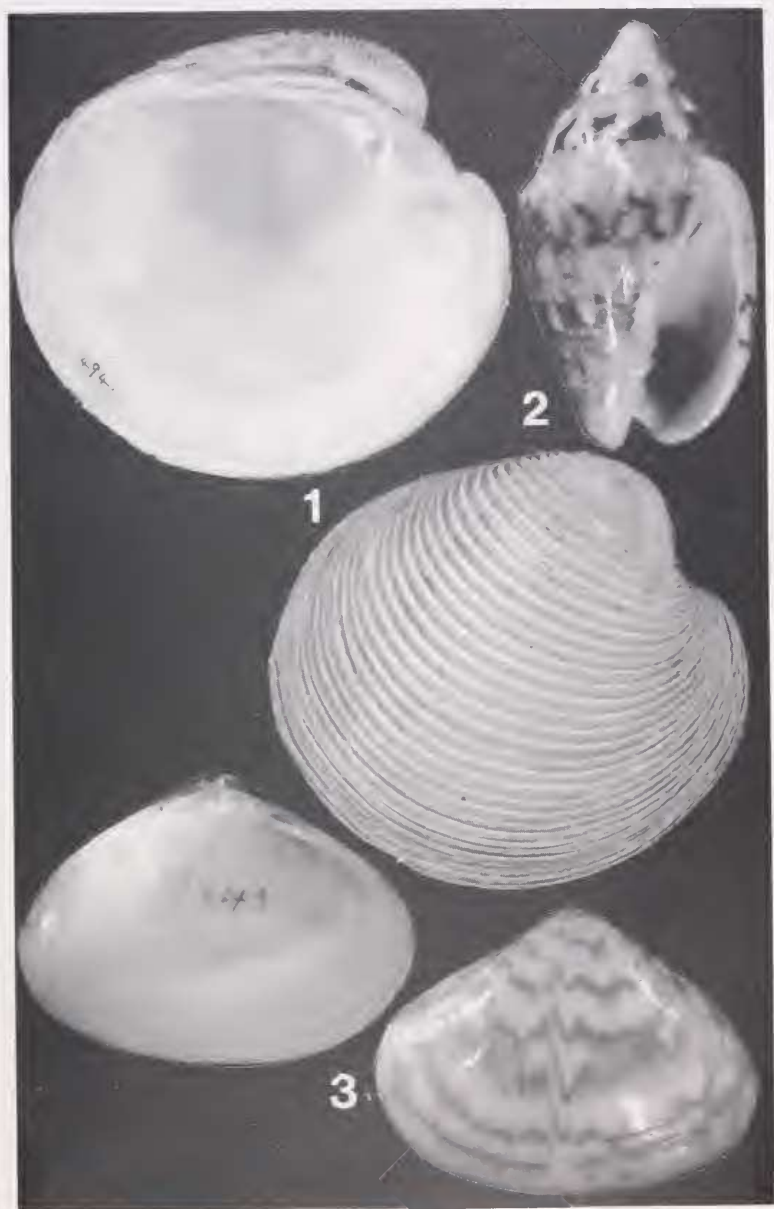


Plate 5

Fig. 1. *Semele junonia* Verrill. Near La Paz [Baja California]. Lectotype YPM 4080. Length 65, height 56, width 28 mm.

Fig. 2. *Lasaea bermudensis* Bush. Bermuda. Lectotype YPM 8885. Length 3, height 2.9, width 2 mm.

Fig. 3. *Loripes lens* Verrill and Smith. 1880, *Fish Hawk* sta. 874, 40°N, 70°57'W [off Newport, Rhode Island], 85 fms. Lectotype USNM 64270. Length 14, height 12.5, width 5.5 mm.

Fig. 4. *Venericardia obliqua* Bush. 1884, *Albatross* sta. 2289, 35°22'50"N, 75°22'W off Cape Hatteras [North Carolina], 7 fms. Lectotype YPM 10781 [single valve]. Length 5.6, width 2.6 [estimated] mm.

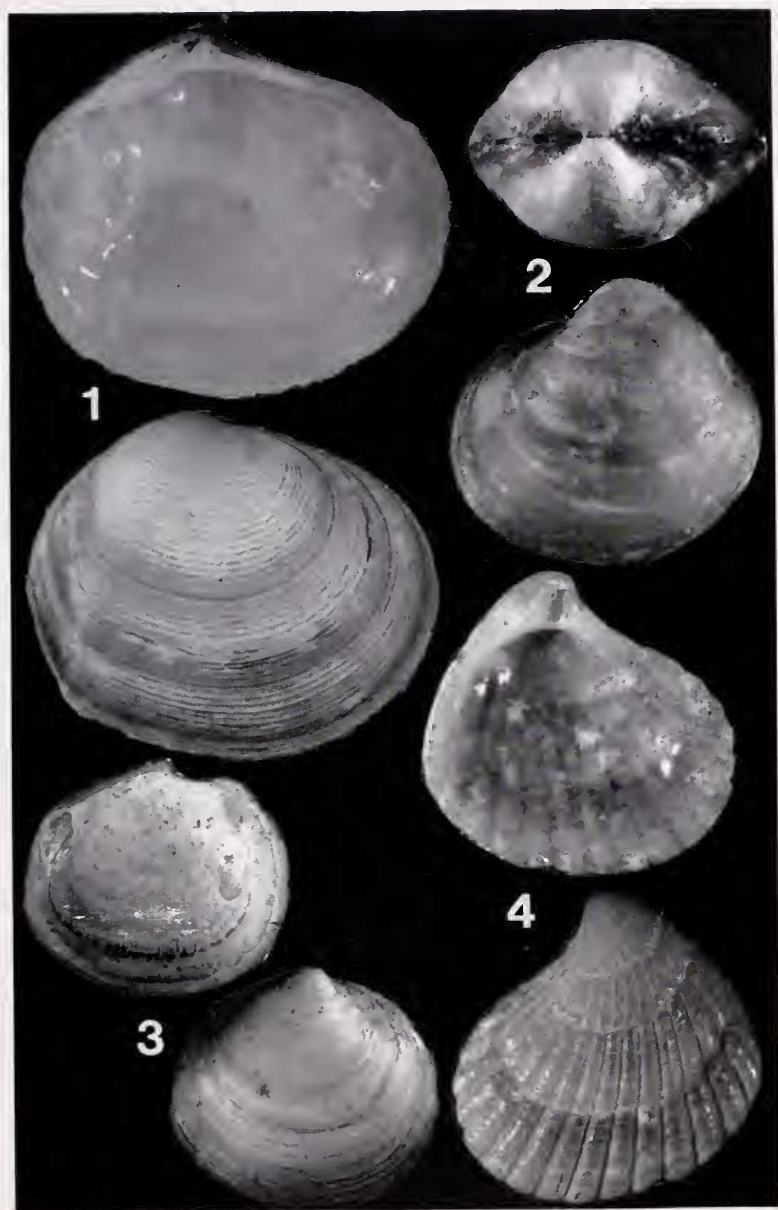


Plate 6

Fig. 1. *Yoldiella pachia* Verrill and Bush. 1885, *Albatross* sta. 2385, 28°51'N, 88°18'W, 730 fms. Lectotype USNM 203001 [single valve]. Length 4.6, height 4.8 [after Verrill and Bush]. Photograph courtesy of Dr. Anders Warén.

Fig. 2. *Arca pectunculoides crenulata* Verrill. 1880, *Fish Hawk* sta. 874, 40°N, 70°57'W off Martha's Vineyard [Massachusetts], 85 fms. Lectotype USNM 74134. Length 4.2, height 4, width 2.2 mm.



Plate 7

Fig. 1. *Tindaria lata* Verrill and Bush. 1885, *Albatross* sta. 2385, 28°51'N, 88°18'W [Gulf of Mexico], 730 fms. Holotype USNM 203000. Length 7, height 5.5, width 4 mm.

Fig. 2. *Angulus modestus* Verrill. Vineyard Sound [Massachusetts], 10 fms. Lectotype YPM 8758. Length 9.8, height 5.6 width 3 mm.



Plate 8

Fig. 1. *Modiola polita* Verrill and Smith. 1880, *Fish Hawk* sta. 895, 39°56'30"N, 70°59'45"W off Newport, Rhode Island, 238 fms. Lectotype USNM 51361. Length 32, height 12, width 9 mm.

Fig. 2. *Cetoconcha atypha* Verrill and Bush. 1884, *Albatross* sta. 2229, 37°38'40"N, 73°16'30"W, 1423 fms. Lectotype USNM 48703 [single broken valve]. Length 15 [estimated], height 12, width 4 [of valve] mm.

Fig. 3. *Cyclopecten simplex* Verrill. 1884, *Albatross* sta. 2150, 13°34'45"N, 81°21'10"W [West Indies], 382 fms. Lectotype YPM 8763 [single valve]. Length 4.5, height 5, width 6 [of valve] mm.

Fig. 4. *Chlamys benedicti* Verrill and Bush. 1885, *Albatross* stas. 2369-2374, 29°11'15"N, 85°29'32"W south of Panama City, Florida, 25-27 fms. Lectotype YPM 8833 [single valve]. Length 5.5, height 6.2, width 1 [of valve] mm.

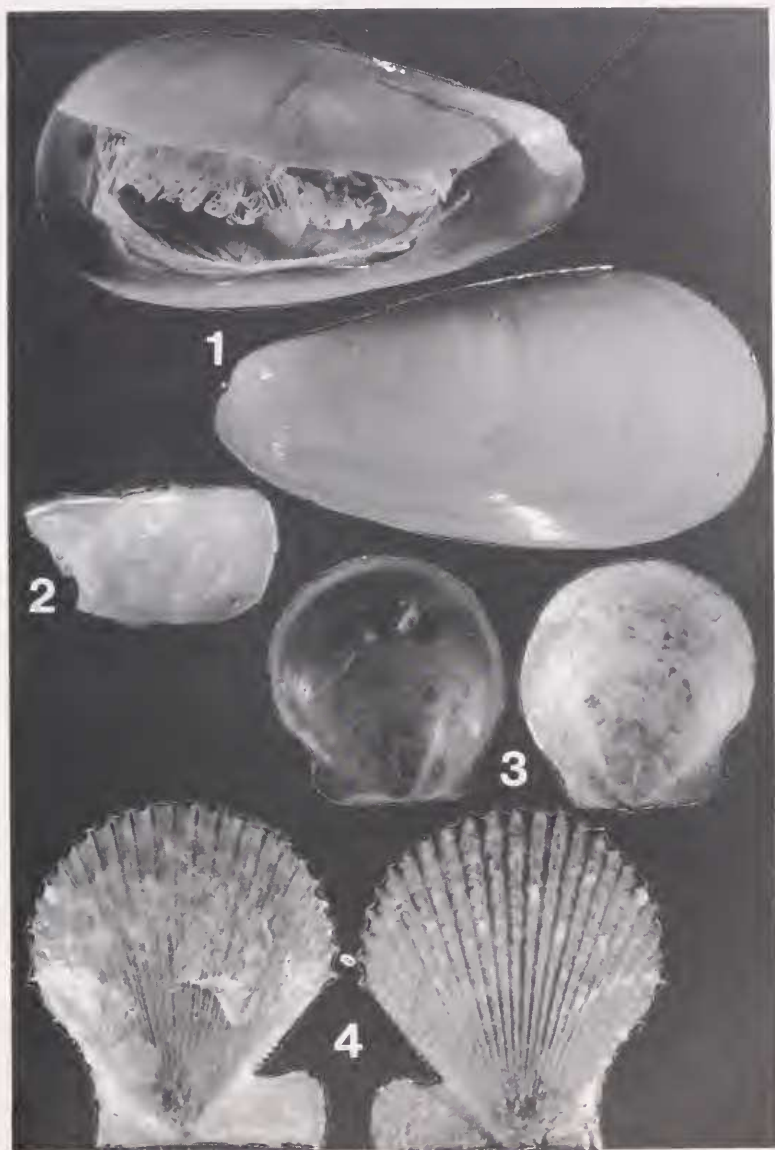


Plate 9

Fig. 1. *Limatula nodulosa* Verrill and Bush. 1885, *Albatross* sta. 2385, 28°51'N, 88°18'W [Gulf of Mexico], 730 fms. Holotype USNM 110618 [single valve]. Length 7, height 4.5, width 4 [estimated] mm.

Fig. 2. *Limatula hyalina* Verrill and Bush. 1885, *Albatross* stas. 2367-2374, 29°N, 85°W, 25-124 fms. Holotype USNM 202850. Length 7.5, height 4.5, width 3 mm.

Fig. 3. *Limatula regularis* Verrill and Bush. 1884, *Albatross* sta. 2265, 37°7'40"N, 74°35'40"W [Chesapeake Bay], 70 fms. Lectotype USNM 40862 [single valve]. Length 7.7, height 5, width 3 [estimated] mm.

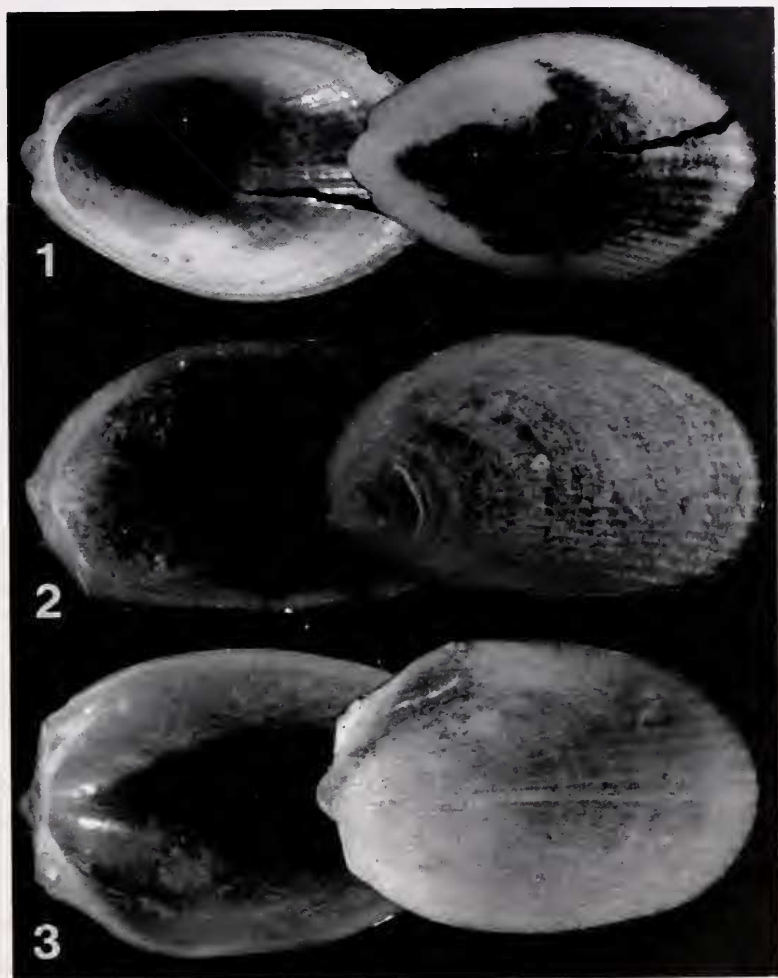


Plate 10

- Fig. 1. *Granigyra spinulosa* Bush. 1886, *Albatross* sta. 2655, 27°22'N, 78°07'30"W off Grand Bahama Island [West Indies], 338 fms. Holotype YPM 15805. Length 2.5, width 2.5 mm.
- Fig. 2. *Lissospira* (*Ganesa* "?") *rarinota* Bush. 1884, *Albatross* sta. 2150, 13°34'45"N, 81°21'10"W [off Nicaragua], 382 fms. Holotype YPM 15804. Length 1.9, width 1.9 mm.
- Fig. 3. *Torellia fimbriata tiarella* Verrill. 1881, *Fish Hawk* sta. 1026, 39°50'30"N, 71°23'W off Martha's Vineyard [Massachusetts], 182 fms. Lectotype USNM 45431. Length 9.5, width 9 mm.
- Fig. 4. *Leptogyra eritmeta* Bush. 1884, *Albatross* sta. 2174, 38°15'N, 73°03'W [off Delaware Bay], 1594 fms. Holotype USNM 77625. Length 1, width 2 mm.
- Fig. 5. *Ringicula nitida* Verrill. 1872, *Bache* stas. O, S, 42°5'N, 67°49'W; 42°11'N, 67°15'W [off northwest and northeast border of Georges Bank], 110, 150 fms. Holotype YPM 15776. Length 4.2, width 2.7 mm.
- Fig. 6. *Philine tinctoria* Verrill. 1881, *Fish Hawk* sta. 921, 40°07'48"N, 70°43'54"W off Martha's Vineyard [Massachusetts], 67 fms. Lectotype USNM 45648. Length 10.7, width 8 mm.
- Fig. 7. *Lunatia levicula* Verrill. Casco Bay, Maine. Lectotype USNM 75840. Length 13, width 12 mm.
- Fig. 8. *Rotella cryptospira* Verrill. 1883, *Albatross* sta. 2109, 35°14'20"N, 74°59'10"W off Cape Hatteras [North Carolina], 142 fms. Lectotype USNM 35731. Length 1.5, width 2.5 mm.
- Fig. 9. *Urosalpinx macra* Verrill. 1883, *Albatross* sta. 2109, 35°14'20"N, 74°59'10"W off Cape Hatteras [North Carolina], 142 fms. Holotype USNM 35772. Length 13, width 5.5 mm.
- Fig. 10. *Cocculina dalli* Verrill. 1882, *Fish Hawk* sta. 1096, 39°53'N, 69°47'W, 317 fms. Holotype USNM 38081. "Length of aperture 6, breadth 4.3, height 3, length of anterior slope 6 mm." Actual measurements: length 5.8, width 4, height 2.4 mm. Photograph courtesy of Dr. James H. McLean.

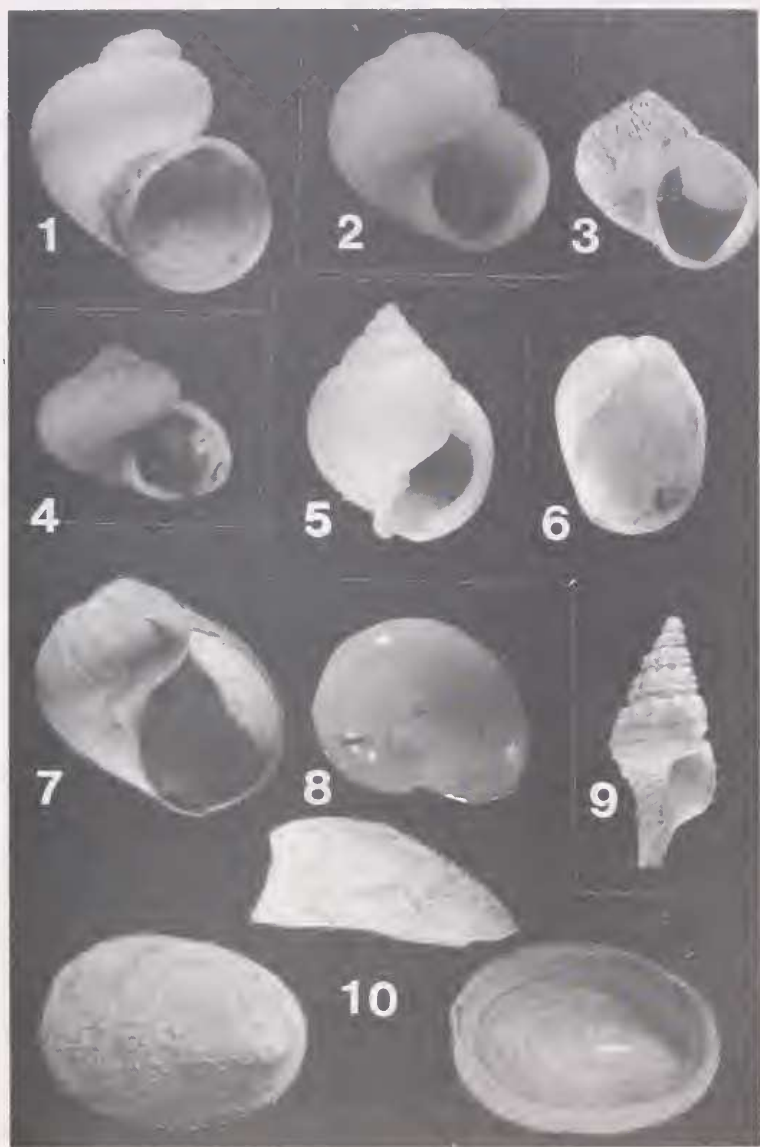


Plate 11

- Fig. 1. *Bela incisula* Verrill. 1880, *Fish Hawk* sta. 899, 37°22'N, 74°29'W off Chesapeake Bay, 57.5 fms. Holotype USNM 77165. Length 6.5, width 3.5 mm.
- Fig. 2. *Bela suburgida* Verrill. 1883, *Albatross* sta. 2115, 35°49'30"N, 74°34'45"W off Cape Hatteras [North Carolina], 843 fms. Holotype USNM 35602. Length 9, width 5 mm.
- Fig. 3. *Bela subvitrea* Verrill. 1883, *Albatross* sta. 2115, 35°49'30"N, 74°34'45"W off Cape Hatteras [North Carolina], 843 fms. Lectotype 37811. Length 13.5, width 6 mm.
- Fig. 4. *Bela decussata pusilla* Verrill. 1877, *Speedwell* stas. 56-58, Halifax Harbor, off Herring Cove, between Mars Rock and Neverfail Shoal [Nova Scotia], 18 fms. Lectotype USNM 77203. Length 7.8, width 3.9 mm.
- Fig. 5. *Bela blakei* Verrill. 1884, *Albatross* sta. 2226, 37°N, 71°54'W, 2021 fms. Holotype USNM 44655. Length 16, width 8 mm.
- Fig. 6. *Bela cancellata canadensis* 'Verrill and Bush' Whiteaves. Murray Bay, Quebec. Lectotype YPM 16623. Length 15.3, width 6.2 mm.
- Fig. 7. *Aclis striata* Verrill. Bay of Fundy, Eastport, Maine. Lectotype YPM 15757. Length 2.9, width 1.4 mm.



Plate 12

- Fig. 1. *Neptunea (Sipho) arata* Verrill, non Gould. Changed to: *Sipho stimpsonii liratulus* Verrill. Off Newport, Rhode Island. Lectotype USNM 158833. Length 80, width 31 mm.
- Fig. 2. *Sipho pubescens* Verrill. 1880, *Fish Hawk* sta. 893, 39°52'20"N, 70°58'W, 372 fms. Lectotype USNM 37767. Length 67, width 26 mm.
- Fig. 3. *Sipho obesus* Verrill. 1883, *Albatross* sta. 2115, 35°49'30"N, 74°34'45"W off Cape Hatteras [North Carolina], 843 fms. Lectotype USNM 35600. Length 17, width 10 mm.
- Fig. 4. *Sipho (Mohunia) simplex* Verrill. 1883, *Albatross* sta. 2115 35°49'30"N, 74°34'45"W off Cape Hatteras [North Carolina], 843 fms. Lectotype USNM 35573. Length 6, width 3.5 mm.
- Fig. 5. *Sipho profundicola dispar* Verrill. 1883, *Albatross* sta. 2042, 39°33'N, 68°26'45"W, 1555 fms. Holotype USNM 37955. Length 30, width 17 mm.



Plate 13

- Fig. 1. *Sipho hispidulus* Verrill. 1883, *Albatross* sta. 2033, 39°32'30"N, 72°18'35"W [Nantucket Shoals, Massachusetts], 379 fms. Holotype USNM 34840. Length 7.5, width 4 mm.
- Fig. 2. *Taranis morchii tornatus* Verrill. 1883, *Albatross* sta. 2077, 41°09'40"N, 6°02'20"W [off Georges Bank], 1255 fms. Holotype USNM 37807. Length 5, width 3 mm.
- Fig. 3. *Mangilia ceroplasta* Bush. [1884], *Albatross* [sta. 2290, 35°23'N, 75°24'30"W] off Cape Hatteras [North Carolina], 9.75 fms. Holotype USNM 44757. Length 5.5, width 3 mm.
- Fig. 4. *Mangilia eritima* Bush. 1884, *Albatross* sta. 2280, 35°21'N, 75°21'30"W off Cape Hatteras [North Carolina], 16 fms. Holotype USNM 44758. Length 8, width 3 mm.
- Fig. 5. *Marginella borealis* Verrill. 1883, *Albatross* sta. 2011, 36°38'30"N, 74°40'10"W off Norfolk, Virginia, 81 fms. Lectotype USNM 35375. Length 14, width 7.5 mm.

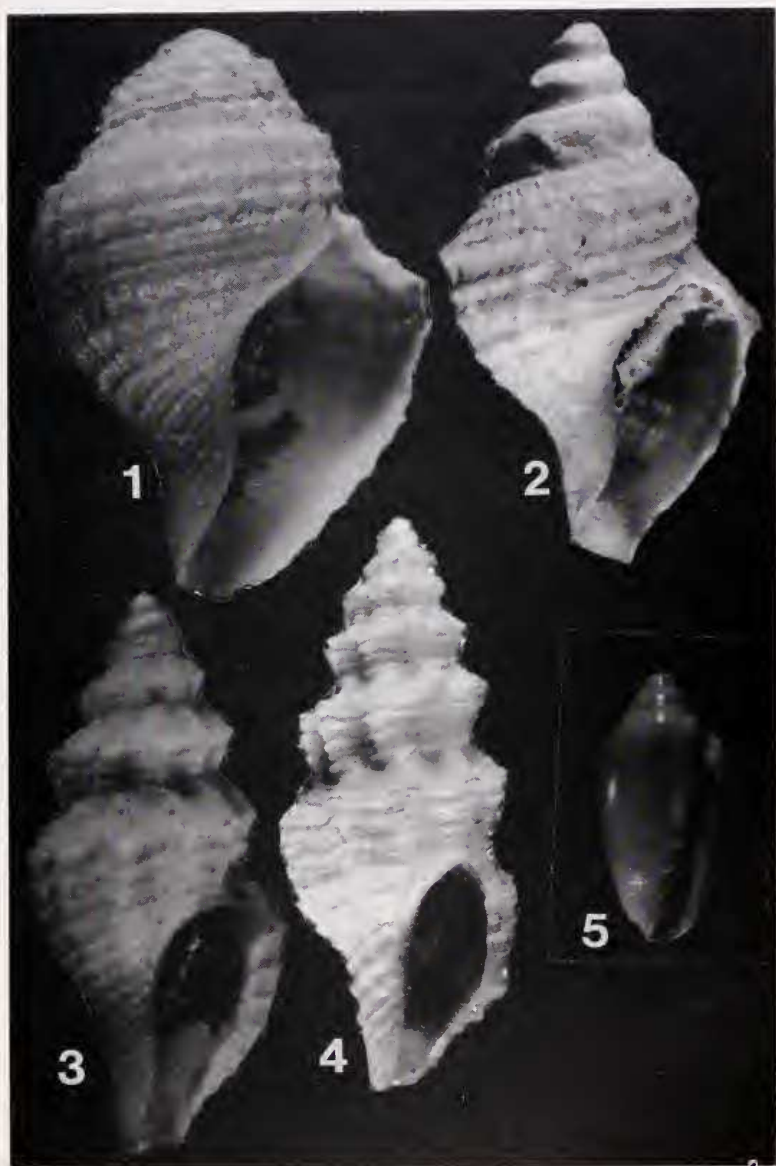


Plate 14

- Fig. 1. *Buccinum sandersoni* Verrill. 1881, *Fish Hawk* sta. 939, 39°53'N, 69°50'30"W off Martha's Vineyard [Massachusetts], 264 fms. Lectotype USNM 202823. Length 24, width 14 mm.
- Fig. 2. *Buccinum abyssorum* Verrill and Smith. 1883, *Albatross* sta. 2111, 35°09'50"N, 74°57'40"W off Cape Hatteras [North Carolina], 938 fms. Lectotype USNM 35644. Length 32, width 20.5 mm.
- Fig. 3. *Spirotropis ephamilla* Verrill. 1883, *Albatross* sta. 2097, 37°56'20"N, 70°57'30"W off Chesapeake Bay, 2221 fms. Holotype USNM 35237. Length 25, width 10 mm.
- Fig. 4. *Gymnobela curta subangulata* Verrill. 1883, *Albatross* sta. 2043, 39°49'N, 68°28'30"W, 1467 fms. Lectotype YPM 15696. Length 4.2, width 2.7 mm.
- Fig. 5. *Gymnobela engonia* Verrill. 1883, *Albatross* sta. 2041, 39°22'50"N, 68°25'W, 1608 fms. Holotype [so labeled] USNM 34835. Length 12.9, width [not supplied] mm. Photographed at the USNM, courtesy of Dr. Anders Warén.

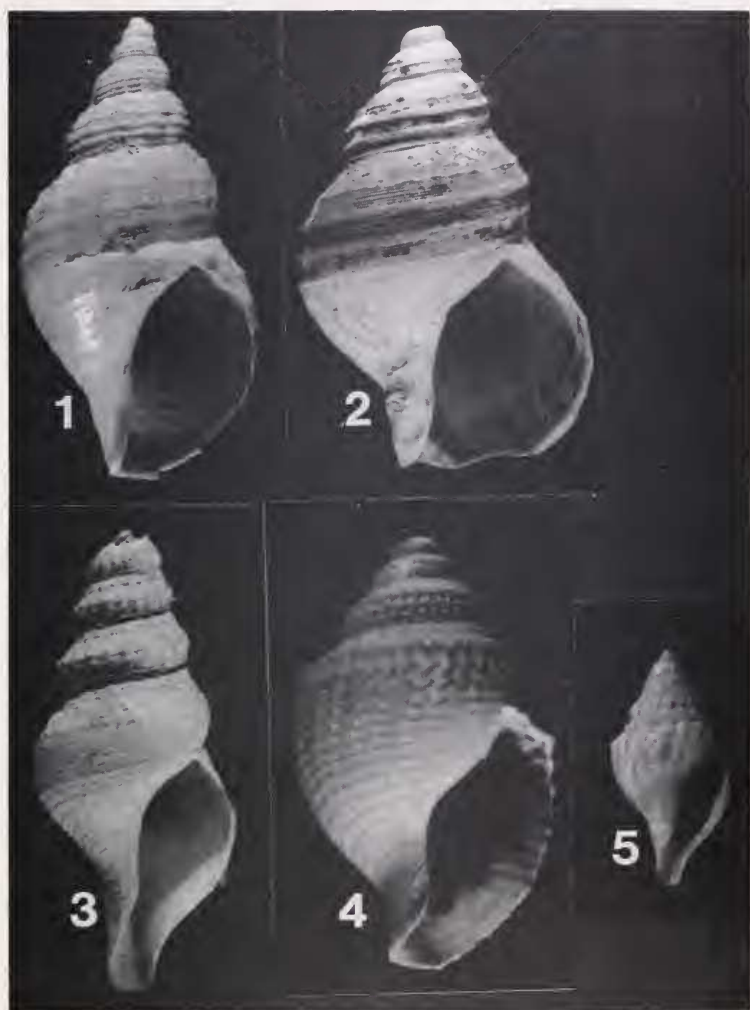


Plate 15

- Fig. 1. *Ethalia multistriata* Verrill. 1883, *Albatross* sta. 2109, 35°14'20"N, 74°59'10"W off Cape Hatteras [North Carolina], 142 fms. Lectotype USNM 35733. Length 2.5, width 4.5 mm.
- Fig. 2. *Machaeroplax obscura carinata* Verrill. 1881, *Fish Hawk* sta. 997, 39°42'N, 71°32'W off Martha's Vineyard [Massachusetts], 335 fms. Lectotype USNM 44748. Length 4, width 6 mm.
- Fig. 3. *Odostomia engonia* Bush. 1884, *Albatross* sta. 2276, 35°20'45"N, 75°19'15"W off Cape Hatteras [North Carolina], 16 fms. Holotype USNM 44762. Length 5, width 2 mm.
- Fig. 4. *Seguenzia formosa nitida* Verrill. 1883, *Albatross* sta. 2038, 38°30'30"N, 69°08'25"W off Nantucket Shoals [Massachusetts], 2033 fms. Holotype USNM 38078. Length 5, width 4 mm.
- Fig. 5. *Odostomia tornata* Verrill. 1883, *Albatross* sta. 2109, 35°14'20"N, 74°59'10"W off Cape Hatteras [North Carolina], 142 fms. Holotype USNM 38033. Length 3, width 1.5 mm.
- Fig. 6. *Odostomia disparilis* Verrill. 1883, *Albatross* sta. 2109 35°14'20"N, 74°59'10"W off Cape Hatteras [North Carolina], 142 fms. Holotype USNM 38042. Length 3.2, width 1 mm.

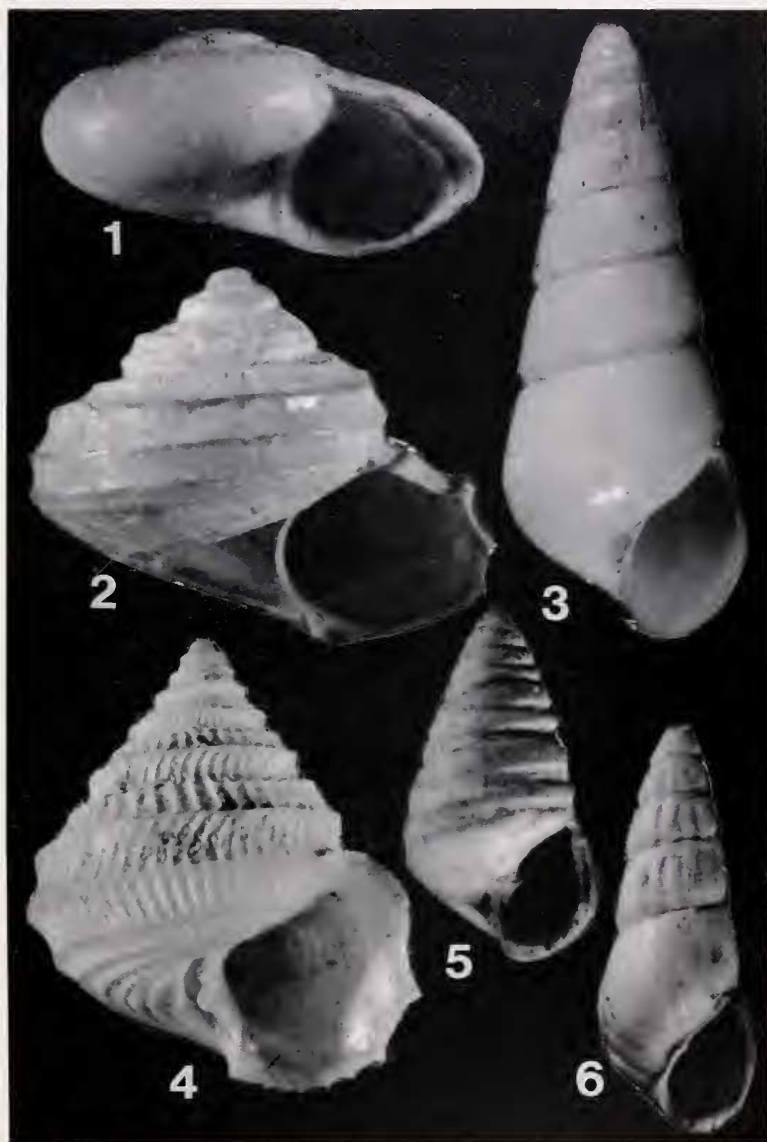


Plate 16

- Fig. 1. *Eulima engonia* Verrill and Bush. Ship Channel, Bermuda. Lectotype YPM 15688. Length 7.5, width 2 mm.
- Fig. 2. *Eulima hypsela* Verrill and Bush. Bermuda. Paratype YPM 15689. Length 7.6, width 1.8 mm.
- Fig. 3. *Eulima atypha* Verrill and Bush. Bermuda. Lectotype YPM 15886. Length 2, width .74 mm.
- Fig. 4. *Turbonilla inclinata* Bush. St. Thomas [Virgin Islands]. Holotype ANSP 72044. Length 3.5, width .45 mm.
- Fig. 5. *Turbonilla stricta* Verrill. Long Island Sound [off Connecticut]. Lectotype YPM 12849. Length 4.2, width 1.1 mm.
- Fig. 6. *Turbonilla pyrroha* Bush. St. Thomas [Virgin Islands]. Lectotype ANSP 72050. Length 5.8, width 1.3 mm.
- Fig. 7. *Turbonilla dalli* Bush. Sarasota Bay, Florida. Lectotype ANSP 72049. Length 8, width 2.3 mm.
- Fig. 8. *Turbonilla incisa* Bush. West Florida. Lectotype ANSP 62800. Length 6.2, width 1.6 mm.
- Fig. 9. *Turbonilla incisa constricta* Bush. West Florida. Lectotype ANSP 79023. Length 6.6, width 1.5 mm.
- Fig. 10. *Turbonilla atypha* Bush. Maldonado Bay, Uruguay, 3-6 fms. Lectotype ANSP 70537. Length 7.4, width 1.8 mm.

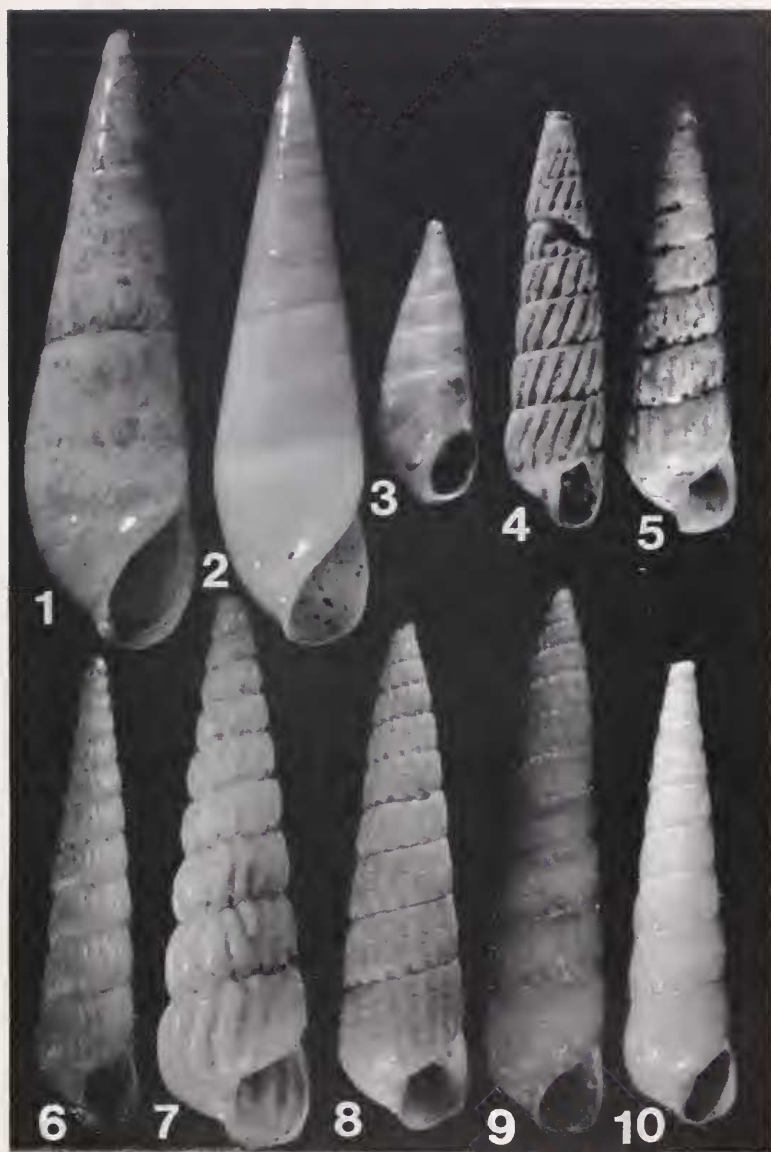


Plate 17

- Fig. 1. *Turbonilla asperula* Bush. Bermuda. Lectotype ANSP 78253. Length 2.5, width 1 mm.
- Fig. 2. *Turbonilla composita* Bush. [no locality given], R. Swift. Since Swift spent much of his life as a resident of St. Thomas in the Virgin Islands, it is probably the locality. Holotype ANSP 79015. Length 3.4, width 1 mm.
- Fig. 3. *Turbonilla areolata* Verrill. Long Island Sound, near New Haven [Connecticut]. Holotype YPM 12848. Length 3.4, width 1.3 mm.
- Fig. 4. *Turbonilla grandis* Verrill. 1884, Albatross sta. 2228, 37°25'N, 73°06'W, 1582 fms. Holotype USNM 44791. Length 18, width 6 mm.
- Fig. 5. *Turbonilla perlepada* Verrill. 1884, Albatross sta. 2265, 37°07'40"N, 74°35'40"W off Chesapeake Bay [Maryland], 70 fms. Holotype USNM 44790. Length 7, width 1.5 mm.
- Fig. 6. *Machaeroplax obscura planula* Verrill. Off Block Island [Rhode Island] 13-15 fms. Holotype USNM 76067. Length 6, width 7 mm.
- Fig. 7. *Caecum debile* Verrill and Bush. Bermuda. Holotype YPM 15667. Length 2.3, width 0.6 mm. Photograph courtesy of Dr. Robert G. Moolenbeek.



Plate 18

Figs. 1-3. *Leptogyra inconspicua* Bush. 1884, Albatross sta. 2174, 38°15'N, 72°03'W off Delaware Bay, 1594 fms. Holotype USNM 77642. Length 0.8, width 1.3 mm. Delineated by Dr. Ruth D. Turner who noted, "specimen decalcified and in poor condition."

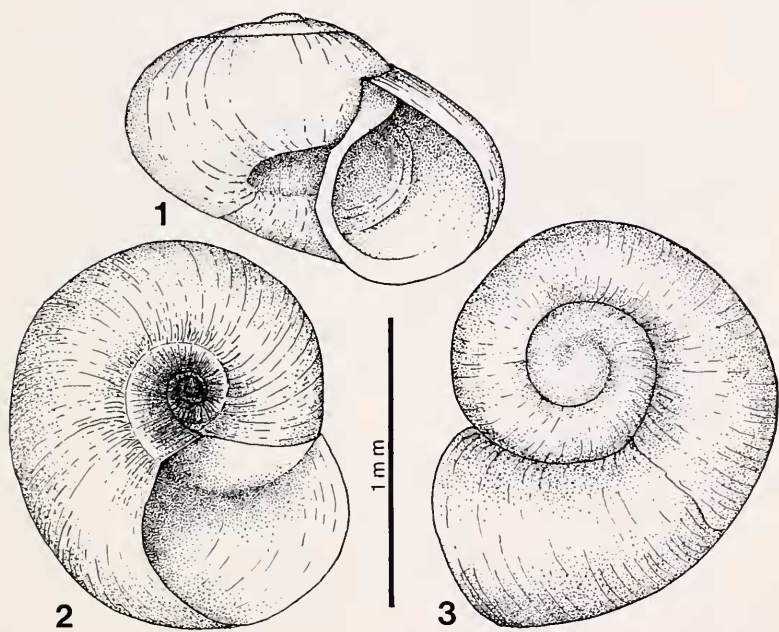


Plate 19

Figs. 1-3. *Atlanta pulchella* Verrill. 1883, *Albatross* sta. 2100, 39°22'60" N, 68°34'30" W off Delaware Bay, surface. Diameter about 0.25 mm. Two syntypes USNM 38397, in alcohol. Delineated by Dr. Ruth D. Turner who noted, "shells decalcified, grapeskin-like, only fragment of keel remaining. Without the soft parts it would probably have been impossible to define the shells at all; particularly the one in fig. 2 which was soft and deformed."

