FOR THE INCREASE
AND DIFVSION OF
KNOWLEDGE AMONG MEN
PER SMITHSONIAN
INSTITVTION
WASHINGTON 1846

14441
Smith

SMITHSONIAN INSTITUTION:
UNITED STATES NATIONAL MUSEUM.

BULLETIN

OF THE

UNITED STATES NATIONAL MUSEUM.

No. 37.

A PRELIMINARY CATALOGUE OF THE SHELL-BEARING MARINE MOLLUSKS AND BRACHIOPODS OF THE SOUTHEASTERN COAST OF THE UNITED STATES, WITH ILLUSTRATIONS OF MANY OF THE SPECIES.

BY

WILLIAM HEALEY DALL, A. M.,
Honorary Curator Department of Mollusks, U. S. National Museum.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1889.

Secretary's Library
SMITHSONIAN INSTITUTION

SMITHSONIAN INSTITUTION:
UNITED STATES NATIONAL MUSEUM.

BULLETIN

OF THE

UNITED STATES NATIONAL MUSEUM.

No. 37.

A PRELIMINARY CATALOGUE OF THE SHELL-BEARING MARINE MOLLUSKS AND BRACHIOPODS OF THE SOUTHEASTERN COAST OF THE UNITED STATES, WITH ILLUSTRATIONS OF MANY OF THE SPECIES.

BY

WILLIAM HEALEY DALL, A. M.,
Honorary Curator Department of Mollusks, U. S. National Museum.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1889.

ADVERTISEMENT.

The present publication (Bulletin No. 37) is the forty-eighth of a series of papers intended to illustrate the collections of natural history and ethnology belonging to the United States, and constituting the National Museum, of which the Smithsonian Institution was placed in charge by the act of Congress of August 10, 1846.

The publications of the National Museum consist of two series—the Bulletins, of which this is No. 37, in continuous series, and the Proceedings, of which the eleventh volume is now in press.

The volumes of the Proceedings are printed, signature by signature, each issue having its own date, and a small edition of each signature is distributed to libraries promptly after its publication.

Full lists of the publications of the Museum may be found in the current catalogues of the publications of the Smithsonian Institution.

Papers intended for publication in the Proceedings and Bulletins of the National Museum are referred to the Committee on Publications, consisting of the following members: T. H. Bean, A. Howard Clark (editor), Otis T. Mason, John Murdoch, Leonhard Stejneger, Frederick W. True, and Lester F. Ward.

S. P. LANGLEY,
Secretary of the Smithsonian Institution.

WASHINGTON, *May* 27, 1889.

A PRELIMINARY CATALOGUE

OF THE

SHELL-BEARING MARINE MOLLUSKS AND BRACHIOPODS

OF THE

SOUTH-EASTERN COAST OF THE UNITED STATES,

WITH ILLUSTRATIONS OF MANY OF THE SPECIES.

BY

WILLIAM HEALEY DALL, A. M.,

Honorary Curator, Department of Mollusks, U. S. National Museum.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1889.

TABLE OF CONTENTS.

	Page.
Introduction	7
Bibliography	14
Sketch of general arrangement	26
List of abbreviations used in the Tables	27
Table I, A. List of Brachiopods	28
Table II, B. List of Pelecypods	32
Table III, C. List of Scaphopods	76
Table IV, D. List of Pteropods	80
Table V, E. List of Gastropods	84
Table VI, F. List of Cephalopods	174
Summary of the tables	176
Explanation of the plates	177
Index	203

INTRODUCTION.

This work is intended to assist students of the Mollusca in the United States, by bringing together for their use a large number of excellent figures of species belonging to or illustrating the fauna of the southern and southeastern coasts of the United States, from Cape Hatteras south to the Straits of Florida and west to Mexico, with the adjacent waters.

These figures are explained and connected by a catalogue of the mollusks known to inhabit that region, either from the presence of authenticated specimens in the National Museum or on the authority of reputable naturalists who have collected in the region and whose specimens have been seen or reliably identified.

This catalogue, arranged for convenience in tabular form, includes not only the species which are illustrated on the plates but all other species common to the region, as far as known.

Hitherto there has been no catalogue which covered just this ground. There are several catalogues of marine species of particular West Indian islands. There are several lists of Floridian shells, the fullest and best being that just completed in the Proceedings of the Davenport Academy of Sciences by Mr. Charles T. Simpson. These all refer, however, to a much more restricted field than the present list, and the nomenclature in some cases is more or less inaccurate, as of course must be the case with all lists, each of which, in spite of its inevitable imperfections, should show some advance over its predecessors. This is all that the writer would claim for the present catalogue, which, owing to peculiar circumstances, has been rather hurriedly decided upon and rapidly prepared.

In order that the number of columns in the table should be compressed within the space of two opposite pages and yet admit of the use of brevier type, it has been necessary to limit the number of stations in the geographical series so that each column should represent a stretch of coast and seaward from it the archibenthal area or continental slope beyond the fifty-fathom line to the oceanic floor. Then various puzzling questions arose in attempting to decide which column should be used in certain cases; as, for instance, in specimens dredged in the path of the Gulf Stream between Cuba and the Florida Keys. They might with equal propriety be assigned to the "Florida Keys" or to the "West Indies" column, or to both. In all cases the facts have been

closely adhered to, as in leaving blank the "Georgia" column when specimens had been collected only in South Carolina and East Florida, with no data for the intermediate stretch of coast. This will show the real gaps in our knowledge of the distribution, and it is to be hoped will stimulate local students to fill them up.

The extreme northern and extreme southern range are generally given. When a species has been obtained off shore, and at one locality only, the extreme is usually noted in one column only, with a leaning toward the northern column when the species is supposed to be a southern form and to the southern column when it is thought to extend from the colder area. These assignments must often be conjectural, but when clearly understood they should not be in any way misleading.

There are many unidentified species from this region in the National collection, a large proportion of which may prove to be new. In such cases the insertion of their distribution, as far as known, may lead to fuller investigation by collectors, though no specific name can be applied to them in the catalogue.

When a species whose name appears in one of the cited publications is not found in this catalogue, or is not cited from the locality to which the published authority refers it, the reader may infer that either the prior identification is here regarded as inaccurate, or, more generally, that the prior name is not entitled to be used.

In many cases the full explanation for such changes will be found in the Report on the Blake Mollusca, but in the present catalogue it has been quite impracticable, as well as undesirable, to attempt any synonymy.

The writer has attempted to steer a middle course between overdivision of large natural groups and the conservatism which confounds unlike things together. It is not to be expected that his decisions will be universally acceptable or satisfactory, since there are "many men, many minds" in biology as well as worldly affairs.

In practice, to be a good systematic malacologist requires much study and a wide knowledge of the literature. It is no longer possible in systematic conchology for a student to acquire facility without a good library and long practice. One may be a good naturalist and do valuable work for science, however, without being a systematist, and the field of work is so vast that the earnest worker may keep himself employed in almost any district south of Sandy Hook. The writer has found a reasonable amount of subdivision of the familiar genera of use in clear thinking and in endeavoring to formulate accurately the facts of nature. Subgenera and sections have therefore been introduced into the catalogue, to be used or discarded as the reader may prefer.

Some groups have been pretty thoroughly investigated and the subdivisions may be named with confidence, and have therefore been inserted. In other cases a thorough revision is yet to be made and the subdivisions can not be named with confidence, and, therefore, are to a

great extent omitted. This list approximately represents our present knowledge, both in its acquirements and its defects, and is intended as a help toward something better and not in any sense as a finality in nomenclature or distribution.

We may now proceed to an explanation of the form and scope of the Tables.

Taking the columns serially, the first carries a serial number useful for check-list and exchange purposes. Then follows the name and authority. Then comes a column referring to the number of the plate or plates, and another for the numbers of the figures. As the figures on most of the plates are drawn to very different scales, a column is inserted, giving the maximum length, axial in Gastropods, antero-posterior in Pelecypods, of the specimen in millimeters. One millimeter is practically one twenty-fifth, or four one-hundredths, of an inch, so that for those unaccustomed to the metric system there is little difficulty in reducing the millimeters to fractions of an inch.

When no dimension is given in the column it will be understood that the figure, if any, is of the size of nature; or that its magnification or diminution is stated on the plate itself, or represented there by a line or other conventional sign.

The next column states the range in depth as far as known of each species in the form of a fraction, the least depth forming the numerator and the greatest observed depth the denominator. Where a zero occurs it indicates that the species is found at low-water mark. The maximum and minimum are selected from the whole range, domestic or exotic, recorded for the species in question. When no depth is stated it will be understood that the species is supposed to inhabit the shallow water near shore or between tides.

This is succeeded by a column in which the extreme northern limit, locality, or region of the species referred to is recorded. When this relates to a locality within our special region there will seem sometimes to be a discrepancy; as, for instance, when a species appears as present in the "Hatteras" column, while in the "northern extreme" column Charleston, S. C., will be found. But, as will be immediately shown, Hatteras in the heading of the column does not mean a locality but a district, extending from Savannah, Georgia, to Cape Hatteras, North Carolina, so that the discrepancy is only apparent. In the off-shore dredgings it has been practicable sometimes to give only the latitude, or a general term such as "Arctic seas," to indicate the northernmost distribution of a species, since there has been no adjacent landmark to cite for northern limit. When a species has its northern limit on the rich archibenthal grounds off Block Island and the Vineyard, or Nantucket, I have indicated this by "Rhode Island" in the column, since this sufficiently guides foreign students who might be puzzled by the other names so much less apt to be found on small-scale maps of our eastern coast. The data for such species will be found chiefly in the

papers on material gathered by the U. S. Fish Commission, contributed by Prof. A. E. Verrill to the Transactions of the Connecticut Academy of Sciences, to the American Journal of Science, and to the Reports of the U. S. Fish Commissioner for 1871–'72 and 1883.

Then follow ten columns, each representing a district, as follows:

1. *New Jersey* (N. J.). This includes the coast and adjoining archibenthal area from the entrance of Chesapeake Bay to Sandy Hook at the south point of entrance to New York Bay and Harbor.
2. *Virginia* (Va.). This includes the coast, etc., from Cape Hatteras, North Carolina, to the mouth of Chesapeake Bay.
3. *Hatteras* (Hat.). This district extends from the mouth of the Savannah River, Georgia, to Cape Hatteras, North Carolina, with the adjacent archibenthal area.
4. *Georgia* (Ga.). At Cape Canaveral, Florida, the path of the Gulf Stream seems to diverge more from the main coast than previously. It seems that a good many southern species do not reach farther north on the shores than Cape Canaveral. Therefore this district from Cape Canaveral to the Savannah River has been separated from the one that I have called East Florida.
5. *East Florida* (East Fla.). This includes the region between Biscayne Bay and Cape Canaveral.
6. *Florida Keys* (Fla. Keys). This region, very intimately connected, faunally, with the northern shores of Cuba opposite, and with the Bahamas, includes the region south of Biscayne Bay on the east, and south of the southern entrance to Charlotte Harbor on the west side of the Peninsula, to and including the Keys and Tortugas reefs and islands.
7. *West Florida* (West Fla.). This includes the region north of the south entrance to Charlotte Harbor and westward to the Mississippi delta along the shore and the archibenthal area of the Gulf of Mexico westward from the peninsula to west longitude 90°, and southward to the trough between Cuba and Florida.
8. *Texas* (Tex.). In this district I include the shores of the United States from the Mississippi delta to the Rio Grande and the archibenthal area southward from it in the Gulf of Mexico to Yucatan.
9. *West Indies* (West Ind.). In this district, for want of space on the page, I have been obliged to include all of the Antilles, the Bahamas, and the shores and islands of the Caribbean Sea. The particular southern extension of a species not known to extend throughout this area will be indicated by the entry in the "southern limit" column. No species not figured on the plates, or common to the coast of the United States, is admitted in the catalogue, so that the West Indian or Antillean fauna properly so-called is almost wholly excluded from this enumeration. Some few species, which are strictly Antillean, as far as known, are included because it was necessary to refer to their figures on the plates, but the distribution as recorded in the table will enable any one desiring to discuss the purely North American species to identify and exclude these extra-limital forms without difficulty. To make the distinction more apparent their names appear in italics in the catalogue.
10. *Bermuda.* The island of Bermuda and its associated reefs is intimately allied by its mollusk fauna to the region of the Florida Keys and Northern Antilles. A column has therefore been provided for it.

A few species common to our southern coast are also found without essential modification still living on the west coast of Central America,

Mexico, or California. These forms are very interesting, as most of the species originally common to both have developed special modifications since the separation of the two oceans, so as to be entitled to separate specific names.

A column (West. Am.) is devoted to recording those found on both sides of the continent yet which still remain essentially unchanged, and another (Eur.) to those whose range extends to European shores.

Another column is devoted to the southern extreme limit (as far as known) of the species enumerated in the catalogue, corresponding on the south to the column for northern limit on the north. Many Antillean species extend on the Brazilian coast far south of Cape San Roque, but our records for this region are very imperfect, and many of the items in this column are due to the data obtained by the U. S. Fish Commission steamer *Albatross* on her voyage from the Chesapeake Bay around to California via the Straits of Magellan only a year ago.

A column records the oldest known appearance of a species in geological time. This column is very imperfect and inadequate to express the real state of the case, since many of our recent species have been described from our southern tertiaries under other names, and the duplication thus occasioned, except in a comparatively small number of species, still remains to be worked out. It was thought well, however, to make a beginning in the matter in this instance.

This completes our description of the table, which will enable any one to use the latter intelligently and without misconception.

In making entries in the columns showing distribution an asterisk shows that the species is known from that region from the shores, either picked up on the beach or found living between high water and fifty fathoms, or that the depth it inhabits is not known but is supposed to be small. In cases where the species is recorded from the archibenthal area only, say 50 to 800 fathoms, its presence is indicated by a dagger point in the column. When both an asterisk and a dagger point are found in a single column the species is supposed to occur, or is recorded as obtained, both in shallow and in deep water, within the limits of that region or district. Many southern species, found in the cool water of the deeps in the south, approach the surface in the cooler surface waters of their northern range. *Vice versa*, we find northern littoral species seeking the deeps as they approach the limits of their southern range. A glance at the columns frequently will illustrate these facts.

The data from which the tables which form the bulk of this publication have been compiled are chiefly comprised in the collections of the U. S. National Museum, the Museum of Comparative Zoology in Cambridge, Mass., and the publications of the writer on these collections. The works in which detailed information has been chiefly sought are specified on another page, but the most important for this purpose has been the Report on the Blake Brachiopoda, Pelecypoda,

Gastropoda, and Scaphopoda, published in two parts by the Museum of Comparative Zoology, under the direction of Prof. Alexander Agassiz. The generosity of Professor Agassiz in permitting the use of plates prepared for that report was decisive in insuring the preparation of this list. Other plates are made up of figures which have appeared in the annual reports of the U. S. Commissioner of Fish and Fisheries; in the Proceedings of the National Museum; the edition of Gould's Invertebrata of Massachusetts, edited by Mr. W. G. Binney; Professor Verrill's and Miss Bush's papers in the Transactions of the Connecticut Academy of Sciences; and the publications of the British Museum. For the use of these cuts we are indebted chiefly to the Smithsonian Institution and the U. S. Commissioner of Fisheries, Col. Marshall Macdonald.

In including or omitting groups of mollusks in this catalogue the compiler has necessarily been guided by convenience rather than systematic completeness. Some groups, such as the Nudibranchiata, are so imperfectly known from the region south of New England that it becomes imperative that they should be entirely omitted. An attempt to include them would certainly have been more likely to retard than to advance the progress of science. For the same reason partly, and partly because it is impracticable to reproduce the figures, the entire group of Cephalopoda, except the Argonaut and Spirula, has been left out. Those who desire to study these difficult animals are referred to Professor Verrill's excellent reports upon the subject in the Bulletin of the Museum of Comparative Zoology and the Transactions of the Connecticut Academy of Sciences. The two exceptions are included merely because of one we have an excellent figure, and the shell of the other is frequently obtained by collectors on our southern shores.

Among those animals which frequent the sea-shore and are often found in as well as near the water, though really air-breathers, the *Auriculidæ*, *Siphonariidæ*, and *Gadiniidæ* can almost be regarded as marine. Having good figures of some of them and desiring to err, if at all, on the side of convenience to the amateur collector or beginner in conchology, they have been included in our list. For the same reason *Neritina*, *Cyrena*, etc., have been inserted even when not strictly salt-water species.

The Pteropods, of the sea off our coasts, are rarely found by collectors, and the nomenclature is not in a satisfactory state. Still it was thought best to include a list of the species taken, with some additions, chiefly from Professor Verrill's papers, though completeness or entire accuracy is not claimed for it. The Heteropods, except *Atlanta Carinaria* and *Oxygyrus*, are not included.

It will be seen from these explanations that the present catalogue is a working list for the benefit of collectors and students, rather than a scientific treatise or thoroughly revised enumeration of the mollusk fauna. Indeed it is in its quality of a stepping-stone to the latter that

such value as it may possess inheres. Experience has shown that check-lists, however imperfect in themselves, are extremely useful in stimulating faunal research, and it is in the hope that this result will be secured that the compiler finds his chief return for the labor and time expended upon a confessedly imperfect production.

Having been for some time engaged in a revision of the general system for the classification of Pelecypods, which will shortly appear in print, the revised classification has been used in the List of Pelecypoda, Table II, as far as it is applicable thereto.

The writer is under particular obligations to Prof. Alexander Agassiz, as already stated, and also to Professor Verrill and Miss Bush for the use of drawings and for an unpublished list of shallow-water mollusks obtained near Cape Hatteras, which has added to our list several species and confirmed several others about which I had felt some doubt. The different sources of the figures will be found acknowledged under the "Explanation of the Plates" in each case.

In conclusion, the writer expresses his obligation to the gentlemen whose writings have been laid under contribution; to all who have facilitated his endeavors to form a representative collection of this mollusk fauna, for the use of students in the National collection; and to Dr. R. E. C. Stearns, of the U. S. Geological Survey, for invaluable personal assistance. The compiler solicits correspondence from all interested, toward the improvement of this catalogue and especially series of the local shells from any point on the coast which may shed light on the geographical distribution of the species. Such correspondence or material may be addressed to the Curator of the Department of Mollusks at the U. S. National Museum, Washington, D. C., or in care of the Smithsonian Institution.

WASHINGTON, *May* 15, 1889.

LIST OF WORKS REFERRED TO FOR THE GEOLOGICAL OR GEOGRAPHICAL DISTRIBUTION OF SPECIES CITED IN THIS CATALOGUE, OR CONTAINING ENUMERATIONS OF LOCAL FAUNÆ INCLUDED IN THE GENERAL REGION TO WHICH THIS CATALOGUE RELATES.

Adams (Charles Baker). Specierum novarum conchyliorum in Jamaica repertorum synopsis.

In Boston Society of Natural History; Proceedings. Boston, the society, 1845. Vol. II, pp. 1–17, Jan., 1845. 8°.

——— Contributions to conchology. New York, H. Baillière, Oct. 1849–Nov. 1852.

Vol. I, iv, 258 pp. 8°. This was published in short, carefully dated parts, the dates of which it seems unnecessary to cite.

——— Monograph of Vitrinella, a new genus of new species of Turbinidæ. Amhert, Mass., the author, Feb., 1850.

10 pp. 8°.

American Journal of Conchology, edited by George W. Tryon, jr. Philadelphia, G. W. Tryon, jr. 1865–1866.

2 vols. 8°. Also:

——— The same. Philadelphia, Conchological Section of the Academy of Natural Sciences, 1867–1872.

5 vols. 8°.

Arango y Molina (Rafael). Contribucion á la fauna malacológica Cubana. Habana, G. Montiel y Comp., 1878.

Pp. 280, 35. 8°. This work was first printed in the Anales de la Real Academia de Ciencias Médicas, Físicas y Naturales de la Habana, beginning in March, 1878; to signature 3, May 15, 1878; to signature 12, January 15, 1879; to signature 14, February 15, 1879; to signature 15, April 15, 1879; to signature 17, June 15, 1879; and the remainder July 15, 1880, with a separately paged index.

Beau (Commandant). Catalogue de coquilles recueillies à la Guadeloupe et ses dépendances. Par M. Beau, chef de bataillon d'infanterie de la marine. Précédé d'une introduction par M. P[aul] Fischer. Paris, Paul Dupont, 1858.

Pp. 27. 8°. Ext. de la Revue Coloniale. 8°. Paris, Paul Dupont, Déc. 1857. Title on cover.

Binney (William G.). Bibliography of North American conchology previous to the year 1860. Washington, the Smithsonian Institution, 1863–1864.

2 v. Vol. I, viii, 650 pp.; vol. II, iv, 298 pp. 8°. This is Smithsonian Miscellaneous Collections No. 174. From the titles contained in it a large number of references might have been cited, where but a few species are mentioned in a given publication, but the numerous papers of this sort are not separated here, as they would have tended to unduly swell the limits of this bibliography without any corresponding gain. (See also Gould, A. A.)

Boston Journal of Natural History, containing papers and communications read to the Boston Society of Natural History, 1834[–]1863, published by their direction. Boston [various publishers], for the society, 1834–1863.

7 vols. 8°.

Bush (Katherine J.). Additions to the shallow-water mollusca of Cape Hatteras, N. C., dredged by the U. S. Fish Commission steamer *Albatross* in 1883 and 1884.

In Transactions Connecticut Academy of Sciences, New Haven, Conn., vol. VI, pp. 453–480, pl. xlv. June, 1885.

——— List of deep-water Mollusca dredged by the U. S. Fish Commission steamer *Fish Hawk* in 1880, 1881, and 1882, with their range in depth.

In Annual Report U. S. Commissioner of Fisheries for 1883. Washington, Government Printing Office, 1885. 8°. Pp. 701–727.

Calkins (William W.). Marine shells of Florida.

Ext. Davenport Academy of Natural Sciences; Proceedings. Davenport, Iowa, the society, 1878. Vol. II, pp. 232–252, pl. viii. 8°. Extract, with bastard title repeated on cover; pagination of original preserved. Slips with addenda were issued by the author on several occasions. This catalogue is partly a compilation. The new or specially interesting species are quoted by Dall (Hemphill's Shells, *q. v.*).

Conchologist's Exchange (The). Edited by William D. Averell. Philadelphia, the editor, 1886-1888.

Vol. I, No. 1, was printed on a postal-card, July, 1886. Nos. 2 to 12, and vol. II, Nos. 1 to 8, were issued in small quarto, the printed form 4½ by 6 inches, in two columns. The last number was dated "March and April, 1888," and appeared about April 30. This publication then suspended and was succeeded by the "NAUTILUS" (*q. v.*) in May, 1889.

Conrad (Timothy Abbott). Fossil shells of the Tertiary formations of North America. Illustrated by figures drawn on stone from nature. Vol. 1. Philadelphia, 1832. 8°. Plates.

[First edition.] Part I, pp. 1–20, pl. 1–6, Oct. 1, 1832.

Part II, pp. 21–28, pl. 7–14, Dec., 1832. A note by the author on the fourth page of the cover.

Part III, pp. 29–38, Aug., 1833. There is a note on the cover about the plates, but none were issued with this part.

Part IV, pp. 39–46, Oct., 1833. On the fourth page of cover there is a note dated November 1, 1833.

[Second edition.] Pp. 29–56, pl. 15–18; a colored map of Alabama, title-page, March 1, 1835. This was issued with Parts I and II of the first edition.

——— Fossils of the Tertiary formations of the United States. Illustrated by figures drawn from nature. Philadelphia, J. Dobson, 108 Chestnut street. E. G. Dorsey, printer, 1838. 8°. Plates.

Part I. Introduction, pp. v–xvi; text, pp. 1–32; pl. 1–17. Jan., 1838. The fourth page of cover has descriptions of four species upon it.

Part II, pp. 33–56, pl. 18–29, May 7, 1840. Three pages of the cover have descriptions of species printed upon them, including the four descriptions from the cover of Part I.

Part III, pp. 57–89, pl. 30–49, Jan., 1845. Nothing but the title printed on cover.

Conrad (Timothy Abbott)—Continued.

This work is often quoted as "Conrad's Fossils of the Medial Tertiary." The dates are determined by manuscript notes of the author, for details in regard to which I am indebted to a note in the American Naturalist for July, 1888, by Dr. Otto Meyer.

——— Descriptions of new species of fossil and recent shells and corals.

In Academy of Natural Sciences of Philadelphia; Proceedings, vol. III, pp. 23–27, pl. 1–2, Feb., 1846.

——— Descriptions of two new genera and new species of recent shells, etc.

In Academy of Natural Sciences of Philadelphia; Proceedings, vol. IV, p. 121, Dec., 1848.

——— Synopsis of the genus Cassidula Humphrey and of a proposed new genus, Athleta.

In Academy of Natural Sciences of Philadelphia; Proceedings, vol. VI, pp. 448–449, Dec., 1853.

——— Notes on shells, with descriptions of three recent and one fossil species.

In Academy of Natural Sciences of Philadelphia; Proceedings, vol. VII, pp. 31–23, March, 1854.

——— Description of a new genus of the family Dreissenidæ.

In Academy of Natural Sciences of Philadelphia; Proceedings, new series, 1857, p. 167.

——— Descriptions of new fossil and recent shells of the United States.

In Journal of the Academy of Natural Sciences of Philadelphia, new series, vol. I, Part III, pp. 207–209, 280, pl. xxxix.

——— Observations on the geology of a part of East Florida, with a catalogue of recent shells of the coast.

In American Journal of Science. New Haven, B. Silliman and J. D. Dana, 1846. New series, vol. II, pp. 36–45, 393–398, 1846.

Coues (Elliott, M. D.). Notes on the Natural History of Fort Macon, N. C., and Vicinity.

In Academy of Natural Sciences of Philadelphia; Proceedings of, 1871, pp. 120–148. This includes a synopsis of the species collected, and enumerates the species collected earlier by Dr. William Stimpson, but which were not found by Dr. Coues. A supplementary list appears in the same Proceedings for 1878, pp. 301–303.

Dall (William Healey). Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico and in the Caribbean Sea, 1877–'79, by the U. S. Coast Survey steamer *Blake*, Lieutenant-Commander Sigsbee, U. S. N., and Commander J. R. Bartlett, U. S. N., commanding. XV. Preliminary report on the Mollusca. Bulletin of the Museum of Comparative Zoology at Harvard College. Cambridge, for the Museum, July–December, 1881.

Vol. IX, No. 2, pp. 33–144. 8°. This publication, separately issued as a bulletin, with title on cover, appeared originally in signatures as follows: Pp. 33–48, July 12, 1881; pp. 49–64, Aug. 12, 1881; pp. 65–80, Aug. 25, 1881; pp. 81–96, Sept. 26, 1881; pp. 97–112, Oct. 31, 1881; pp. 113–128, Nov. 26, 1881; pp. 129–144, Dec. 5, 1881.

Dall (William Healey). On certain Limpets and Chitons from the deep waters off the eastern coast of the United States.

In U. S. National Museum; Proceedings. Washington, the Museum, April 24, 1882. Vol. v, pp. 400–414. 8°.

——— On a collection of shells sent from Florida by Mr. Henry Hemphill.

In U. S. National Museum; Proceedings. Washington, the Museum, Dec., 1883. Vol. vi, pp. 318–342, pl. x. 8°. The new or specially interesting species signalized by Calkins and Melvill (*q. v.*) are enumerated in this article, besides those sent by Hemphill.

——— Notes on some Floridian land and fresh-water shells, with a revision of the Auriculacea of the eastern United States.

In the same. Vol. viii, pp. 255–289, pl. xvii, xviii, July, 1885.

——— Bulletin of the U. S. Geological Survey, No. 24. List of the marine mollusca, comprising the Quaternary fossils and recent forms from American localities between Cape Hatteras and Cape Roque, including the Bermudas.

Washington, Government Printing Office, 1885. 336 pp. 8°. This publication is essentially an index to the literature relating to the region specified, without synonymy, alphabetically arranged, and accompanied by a short bibliography of the literature referred to, and indications of the geographical range of the species cited.

——— Bulletin of the Museum of Comparative Zoology, at Harvard College. Vol. xii, No. 6. Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico (1877–'78), and in the Caribbean Sea (1879–'80), by the U. S. Coast Survey steamer *Blake*, Lieutenant-Commander C. D. Sigsbee, U. S. N., and Commander J. R. Bartlett, U. S. N., commanding. xxix. Report on the Mollusca by W. H. Dall. Part I. Brachiopoda and Pelecypoda.

Cambridge, the Museum, Sept., 1886. Pp. 171–318, plates i–ix. 8°.

——— Bulletin of the Museum of Comparative Zoology, at Harvard College. Vol. xviii. Reports on the results of dredging, [etc.]. xxix. Report on the mollusca, by W.H. Dall. Part II. Gastropoda and Scaphopoda. Cambridge, the Museum, June, 1889.

492 pp., plates x–xl. 8°.

——— Contributions to the Tertiary fauna of Florida, with especial reference to the Miocene silex beds of Tampa and the Pliocene beds of the Caloosahatchie River.

In Transactions of the Wagner Free Institute of Science of Philadelphia, 1889. Folio, with plates. [In press.]

——— Report on the Mollusca collected by the U. S. Fish Commission steamer *Albatross* on her voyage from Chesapeake Bay, Virginia, by way of Magellan Strait to San Francisco, Cal., in 1887–'88. With illustrations.

[In preparation.]

D'Orbigny (Alcide Dessalines). Histoire physique, politique et naturelle de l'île de Cuba. Par M. Ramon de la Sagra [etc.]. Mollusques. Paris, Bertrand, 1853.

2 vols. 8°. Vol. I, 2 l. unp., 264 pp.; vol. II, 2 l. unp., 380 pp. Atlas folio, 1 l., xxix pl., n. d. [1842]. This publication, forming one of Sagra's series, but independently issued in the French language, appeared irregularly as follows: Vol. I, signatures 1–14 in 1841, signatures 15–17 and atlas in 1842; vol. II, signatures 1–7 in 1842, signatures 8–24 in 1847–1853. The two volumes were issued as a whole in 1853, with the latter date on the title-page. There is an edition in Spanish, conformable with the rest of the Spanish series of the work, which the compiler has not been able to consult, but which seems to have a widely different pagination, though the plates are the same.

Dunker (Dr. Wilhelm). Novitates conchologicæ. Mollusca marina. Beschreibung und abbildung neuer oder wenig gekannter meeres conchylien. Cassel, Theo. Fischer, 1858–1870.

144 pp. 4°. 45 pl.

Folin (Léopold, Marquis de). On the mollusca of H. M. S. *Challenger* expedition. The Cæcidæ, comprising the genera Parastrophia, Watsonia, and Cæcum. With a prefatory note by the Rev. Robert Boog Watson, B. A., F. R. S. E., F. L. S., etc.

Ext. Zool. Soc. London; Proceedings for 1879, with bastard title. London, the Society, 1880. Pp. 806–812. 8°.

——— Report on the Cæcidæ collected by H. M. S. *Challenger* during the years 1873–1876.

In "*Challenger* Reports," vol. xv, pp. 681–689, 1886. This is Appendix B to Watson's Report on the Gastropoda of the *Challenger* expedition, *q. v.*

Gould (Dr. Augustus Addison). Descriptions of new genera and species of shells.

In Boston Society of Natural History; Proceedings. Boston, the Society, 1862. Vol. VIII, pp. 280–284. 8°.

——— Otia conchologica. Boston, Gould & Lincoln, 1862.

256 pp. 8°.

——— Report on the invertebrata of Massachusetts, published agreeably to an order of the legislature. Second edition, comprising the mollusca. Edited by W. G. Binney. Boston, Wright & Potter, 1870.

Royal 8°. viii, 524 pp., plates xvi–xxvii, and 405 cuts in the text. The copies of this work, distributed by Dr. Gould's family, have a two-page sketch of his life inserted after Mr. Binney's prefatory remarks.

Gundlach (Don Juan). Apuntes para la fauna Puerto-Riqueña. Quinta parte. B. Molluscos marinos.

In Anales de la Soc. Esp. de Hist. Nat., tomo XII, pp. 441–484, 1883. 8°. The author has had the assistance of Drs. Dunker and Von Martens in the preparation of this list of the shells of Porto Rico, which was preceded by a list of the terrestrial mollusca, printed in the earlier portion of the same volume.

Guppy (R. J. Lechmere). First sketch of a marine invertebrate fauna of the Gulf of Paria and its neighborhood.

In Scientific Association of Trinidad; Proceedings. Portofspain, J. Wulff; London, Trübner, Dec., 1877. Vol. II, Part XI, pp. 134–157. 8°.

Guppy (R. J. Lechmere). On the West Indian Tertiary fossils.

In Geological Magazine, decade II, vol. I, Nos. 9 and 10, Sept. and Oct., 1874, pp. 433-454, pl. xvi-xviii. Also a supplement of one page, from the same, Jan., 1875. Extras repaginated and issued with the plates and supplementary leaf, with title "West Indian Tertiary fossils" on cover. Total pp. 22. 8°. London, Trübner, 1874.

Haddon (Prof. Alfred C.). Voyage of H. M. S. *Challenger*. Zoology. Report on the Polyplacophora collected by H. M. S. *Challenger* during the years 1873-1876.

In "*Challenger* Reports," vol. XV, Part XLIII, pp. 1-50, plates i-iii. London, 1886. 4°.

Heilprin (Prof. Angelo). Explorations on the west coast of Florida and in the Okeechobee Wilderness.

In Transactions of the Wagner Free Institute of Science of Philadelphia, vol. I, No. 1, pp. 1-134, May, 1887. Sm. folio, with plates 1-19.

This contains the descriptions of many new species of Tertiary fossils from West Florida, besides other matters of interest.

Higgins (Rev. Henry H.) [and **Marratt** (Frederick P.)]. Free public library, museum, and gallery of art of the borough of Liverpool. Museum report No. 1. Mollusca of the Argo expedition to the West Indies, 1876. Liverpool, D. Marples & Co. [1878].

20 pp. 8°. 1 pl. An important contribution to the geographical distribution of mollusca in the West Indies. The species were chiefly identified by Mr. Marratt.

Holmes (Prof. Francis S.). Post-pleiocene fossils of South Carolina. Charleston, S. C., Russell & Jones, 1858-1860.

vi, 122 pp., xxviii pl. 4°. See also TUOMEY and HOLMES. This work was published in 16 parts, of which 98 pages and 14 plates are devoted to invertebrates. The remainder, an account of the vertebrate fossils, is by Dr. Joseph Leidy, and partly relates to the Eocene formation. In neither this nor the Pliocene volume are the unpaginated sheets with plate references counted above as pages.

Jahrbücher der deutschen malakozoölogischen gesellschaft. Redigirt von Dr. W. Kobelt. Frankfurt am Main, Johannes Alt, 1874-1878.

6 vols. 8°. Also:

——— The same. Frankfurt am Main, Alt & Neumann, 1879.

1 vol. 8°. Also:

——— The same. Frankfurt am Main, Moritz Diesterweg, 1880-1888.

9 vols. 8°. The series closes with the volume for 1888.

Jones (J. Matthew, F. L. S.). Contributions to the natural history of the Bermudas. Part I. Mollusca.

In Nova Scotian Institute of Natural Science; Transactions. Halifax, the Society, 1864. Vol. II, Part II, pp. 14-26. 8°.

Journal de Conchyliologie, comprenant l'étude des animaux, des coquilles vivantes et des coquilles fossiles. Publié sous la direction de M. Petit de la Saussaye. Paris, the editor, 1850-1853.

4 vols. 8°. Also:

Journal de Conchyliologie. Publié sous la direction de MM. Fischer et Bernardi. Paris, Bernardi, 1856 [juillet]-1860 [janvier].

4 vols., 8° [ending the first series], and 4 vols., 8° [forming the second series], or 8 vols. 8°. Also:

Journal de Conchyliologie. Publié sous la direction de MM. Crosse et Fischer. Paris, Crosse, 1861–1888.

[Third series], 28 vols. 8°. Also:

——— Index général et systématique des matières contenues dans les vingt premiers volumes du Journal de Conchyliologie [etc.], 1850–1872. Paris, H. Crosse, 1878.

1 vol., viii, 200 pp. 8°.

[**Krebs** (Henry).] The West Indian marine shells, with some remarks. A manuscript printed for circulation between collectors. By * * *. [Kjöbenhavn.] Printed by W. Laubs' widow and Chr. Jörgensen, Nykjöbing, Falster, 1864.

3 prel. l. unp., 137 pp. 12°. The following mention of the circumstances attending the printing of this extremely rare, anonymously issued, yet scientifically valuable pamphlet occurs in a letter from the author, dated Dec. 1, 1884: "I beg to inform you that the [above pamphlet] was only printed in 20 copies, of which 3 were, according to law, delivered to the public libraries [of Copenhagen], 7 were lost in transmitting them to St. Thomas, 3 went to the universities of Sweden and Norway, and a few [were] given to friends." "Consequently there are none for sale. My friends tease me that the book is the costliest they know, on account of a copy has been sold in Altona, at auction, for 10 Rd." A copy presented by the author to Mr. Thomas Bland, and given by that gentleman to Mr. John H. Redfield, has, with great liberality, been presented by the latter to the library of the U. S. National Museum.

——— Remarks on some species of West Indian marine shells in the museum of Amherst College.

In Lyceum of Natural History of New York; Annals. New York, the society, 1866. Vol. viii, 1866, pp. 394–398. 8°.

——— Catalogue of marine mollusks collected in the Bahama Islands in November, 1866.

In Lyceum of Natural History of New York; Annals. New York, the society, 1866. Vol. viii, 1866, pp. 427–431. 8°.

Kurtz (Lieut. John D.). Catalogue of recent marine shells found on the coasts of North and South Carolina. Portland, David Tucker, 1860.

9 pp. 8°. See also Stimpson and Kurtz.

Magasin de zoologie. Première année, première partie, classe v. Mollusques. Planches 1 à 40. Paris, Lequien fils, 1831.

42 l. unp., 40 pl. 8°. Also:

——— Journal destiné à établir une correspondance entre les zoologistes de tous les pays et à leur faciliter les moyens de publier les espèces nouvelles ou peu connues qu'ils possèdent. Publié par F. E. Guérin-Méneville [etc.]. Deuxième section. Mollusques et zoophytes. Paris, A. Bertrand, 1831–1839.

2 vols. Vol. i [texte], 206 l. unp.; vol. ii [planches], 119 pl. 8°. Also:

Magasin de zoologie, d'anatomie comparée et de paléontologie: recueil destiné à faciliter aux zoologistes de tous les pays les moyens de publier leurs travaux, les espèces nouvelles qu'ils possèdent, et à les tenir surtout au courant de nouvelles découvertes et des progrès de la science, par M. F. E. Guérin-Méneville. Deuxième section.

Magasin de zoologie, d'anatomie comparée et de paléontologie—Cont'd. Mollusques et zoophytes. Années 1839 à 1844. Paris, veuve Bertrand, 1844.

2 vols. [Texte] 250 l. unp. 8°. [Planches] IV pp., 150 pl. 8°. This publication seems to have been printed with leaves numbered only to correspond with the plates or with the separate articles, which were afterward divided up in sections, each class being bound and sold separately.

Malakozoologische Blätter. Als Fortsetzung der Zeitschrift für Malakozoologie. Herausgegeben von Karl Theodor Menke, in Pyrmont, und Dr. Louis Pfeiffer, in Cassel. Cassel, Theodor Fischer, 1854–1862.

8 vols. 8°. Also:

——— The same. Herausgegeben von Dr. Louis Pfeiffer, in Cassel. Cassel, Theodor Fischer, 1862–1872.

10 vols. 8°. Also:

——— The same. Herausgegeben von Dr. Louis Pfeiffer, in Cassel, und Dr. W. Kobelt, in Schwanheim. Cassel, Theodor Fischer, 1872–1874.

3 vols. 8°. Also:

——— The same. Herausgegeben von Dr. Louis Pfeiffer, in Cassel, Cassel, Theodor Fischer, 1875–1877.

3 vols. 8°. Also:

——— Dr. Ludwig Pfeiffer's malakozoologische Blätter für 1878. Fortgesetzt von S. Clessin. Cassel, Theodor Fischer, 1878.

1 vol. 8°. Also:

——— Malakozoologische Blätter. Als Fortsetzung der Zeitschrift für Malakozoologie. Herausgegeben von S. Clessin. Neue Folge, erster[–zehnter] Band. Cassel, Theodor Fischer, 1879–1888.

10 vols. 8°. The earlier volumes of this series carried the date of issue on each signature. Later volumes are without it, and there is no means of determining the date of issue, which often was not within the year to which the volume ostensibly refers.

Melvill (James Cosmo, A. M., F. L. S.). List of the mollusca obtained in South Carolina and Florida, principally in the island of Key West, 1871–1872.

In Journal of Conchology. Leeds, J. Taylor, 1881. Vol. III, Nos. 5, 6, pp. 155–173. 12°. This catalogue contains many erroneous identifications.

Mörch (Otto Andreas Lowson). Catalogue of the West India shells in the collection of Dr. C. M. Poulsen, Kastanievei 5, Copenhagen. Copenhagen, Bianco Luno, 1878.

16 pp. 8°.

Nachrichtsblatt der deutschen malakozoologischen Gesellschaft. Unter mitwirkung von D. F. Heynemann; redigirt von Dr. W. Kobelt. Frankfurt am Main, W. Kuchler, 1869.

1 vol. sm. 8°. Also:

——— The same. Frankfurt am Main, J. D. Sauerländer, 1870–1871.

2 vols. 8°. Also:

Nachrichtsblatt, etc.—Continued.

——— The same. Redigirt von Dr. W. Kobelt. Frankfurt am Main, J. D. Sauerländer, 1872.

1 vol. 8°. Also:

——— The same. Redigirt von Dr. W. Kobelt und D. F. Heynemann. Frankfurt am Main, Johannes Alt, 1873.

1 vol. 8°. Also:

——— The same. Redigirt von Dr. W. Kobelt. Frankfurt am Main, Johannes Alt, 1874–1877.

4 vols. 8°. Also:

——— The same. Frankfurt am Main, Alt & Neumann, 1878–1879.

2 vols. 8°. Also:

——— The same. Frankfurt am Main, Moritz Diesterweg, 1880–1888.

9 vols. 8°.

Nautilus (The). A journal devoted to the interests of conchologists. Established in 1886 as "The Conchologist's Exchange." Vol. III[I], No. 1, May, 1889. Philadelphia, published monthly by H. A. Pilsbry and W. D. Averell. 8°. 1889.

The first issue under the above title, cited above, comprises iv, 12 pp.

Norman (Rev. A. M.). Presidential address delivered at the annual meeting of the Tyneside Naturalists' Field Club, May 27, 1881, with appendices on the fauna of the abysses of the ocean. Newcastle-upon-Tyne, John Bell, 1883.

8°. 68 pp. Appendix C contains a list of all the animals at that time recorded as obtained from the North Atlantic Ocean at a greater depth than 1,000 fathoms.

Pelseneer (Paul, D. Sc.). The voyage of H. M. S. *Challenger*. Zoology. Report on the Pteropoda. Part I. The Gymnosomata.

In "*Challenger* Reports," vol. XIX, pp. 1–74, plates i–iii. London, 1887. 4°.

——— (The same.) Part II. The Thecosomata.

In the same, vol. XXII, pp. 1–132, plates i, ii. London, 1888. 4°.

——— (The same.) Part III. Anatomy.

In the same, vol. XXIII, pp. 1–97, plates i–v. London, 1888. 4°.

Pfeiffer (Dr. Louis.) Bericht über die ergebnisse meiner reise nach Cuba im winter 1838–'39.

In Wiegmann's Archiv für Naturgeschichte, 1839, vol. I, pp. 346–358.

——— Uebersicht der im Januar, Februar und März 1839 auf Cuba gesammelten Mollusken.

In same, 1840, vol. I, pp. 250–261.

Ravenel (Dr. Edmund). Catalogue of the recent and fossil shells in the cabinet of the late Edmund Ravenel. Charleston, S. C., Walker, Evans & Cogswell, 1875.

68 pp. 12°.

Roemer (Dr. Ferdinand). Texas; mit besonderer rücksicht auf deutsche auswanderung und die physischen verhältnisse des landes nach eigener beobachtung geschildert; mit einem naturwissenschaftlichen anhange. Bonn, Adolph Marcus, 1849.

xvi, 464 pp. 8°. 1 map. List of new species in Binney's Bibliography N. Am. Conchology, Part II, pp. 11–12.

Say (Thomas). The complete writings of Thomas Say on the conchology of the United States. Edited by W. G. Binney. New York, H. Baillière, 1858.

8°. vi, 252 pp., pl. i-lxxv.

A reprint of Say's scattered papers and descriptions.

Simpson (Charles Torrey). Contributions to the mollusca of Florida.

In Davenport (Iowa) Academy of Natural Sciences; Proceedings of, vol. v, pp. 45–72, 63*–72*. 8°. Pages 45–48 appeared Aug. 25, 1887; pages 49–56, Nov. 4, 1887; pages 57–72, Feb., 1889, and the remainder in March, 1889.

Smith (Edgar Albert, F. Z. S.). The voyage of H. M. S. *Challenger*. Zoology. Report on the Lamellibranchiata collected by H. M. S. *Challenger* during the years 1873–1876.

In "*Challenger* Reports," vol. xiii, pp. 1–341, plates i–ixxv. London, 1885. 4°.

Stearns (Robert Edwards Carter). Descriptions of new species of marine mollusks from the coast of Florida.

Ext. Boston Society of Natural History; Proceedings, vol. xv, pp. 21–24, Jan. 17, 1872. 8°. 4 pp.

——— On a new species of Pedipes from Tampa Bay, Florida.

Ext. Boston Society of Natural History; Proceedings, vol. xiii, pp. 108–109, 1869. 1 leaf. 8°. Headed "Conchological Memoranda, No. 4."

——— Descriptions of new marine shells from the west coast of Florida.

Ext. Academy of Natural Sciences of Philadelphia; Proceedings for 1873, pp. 344–347, 1873. 8°. 4 pp.

Stimpson (Dr. William). Descriptions of new shells.

In Boston Society of Natural History; Proceedings, vol. iv, pp. 112–114, 1851

——— and **Kurtz** (Lieut. John D.). Descriptions of new shells.

In Boston Society of Natural History; Proceedings, vol. iv, pp. 114–115, 1851.

Tryon (George Washington), jr. American marine conchology; or, descriptions of the shells of the Atlantic coast of the United States from Maine to Florida. Philadelphia, the author, 1873–1874.

208 pp., 44 pl. 8°. Issued in six parts, Nov., 1873, to Nov., 1874.

Tuomey (Michael) and **Holmes** (Francis S.). Pleiocene fossils of South Carolina; containing descriptions and figures of the Polyparia, Echinodermata, and Mollusca. Charleston, S. C., Russell & Jones, 1855–1857.

1 vol. xvi, 152 pp., 32 pl. 4°. Issued in sixteen parts; of which six of eight pages and two plates each appeared in 1855, the remainder with title, etc., in 1856. See also Holmes (F. S.).

Verrill (Prof. Addison E.). Report upon the invertebrate animals of Vineyard Sound and the adjacent waters, with an account of the physical characters of the region.

In [First] Report of the U. S. Commission of Fish and Fisheries, 42nd Congress. 2nd session, Senate Miscellaneous Document No. 61. Washington, Government Printing Office, 1873. 8°. Pp. 296–778, plates i–xxxviii. A separate edition was issued by the author. The original volume is sometimes referred to as the Report of the U. S. Commissioner of Fish and Fisheries for 1871–'72.

Verrill (Prof. Addison E.). List of deep-water and surface Mollusca taken off the east coast of the United States by the U. S. Fish Commission steamers *Fish Hawk* and *Albatross*, 1880–1883.

Ext. Connecticut Academy of Sciences; Transactions. New Haven, the society, July, 1884. Vol. VI, pp. 263–290. 8°.

——— Results of the explorations made by the steamer *Albatross* off the northern coast of the United States in 1883.

In Report of the Commissioner of Fish and Fisheries for 1883. Washington, Government Printing Office, 1885. Pp. 503–601, plates i–xliv. Separate copies were also printed for the author.

——— Catalogue of marine mollusca added to the fauna of the New England region during the past ten years.

In Transactions of the Connecticut Academy of Sciences, V, pp. 447–588, plates xlii–xliv, lvii, lviii. 8°. 1882. Separates distributed by the author.

——— 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.

In the same; vol. VI, pp. 139–294, plates xxviii–xxxii. 8°. 1884. Separate copies were issued.

——— Third 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.

In the same; vol. VI, pp. 395–452, plates xlii–xliv. 8°. 1884. Separate copies were issued.

Watson (Rev. Robert Boog). Mollusca of H. M. S. *Challenger* expedition. Parts I–XX, 1879–1883. Preliminary report to Prof. Sir C. Wyville Thomson [etc.].

Ext. Linnean Society Journal. Zoology. London, the Society, 1879–1883. Vols. XIV–XVII, 1879–1883. 8°. See also FOLIN (L. de).

The separate parts appeared as follows:

Part I.—The Journal, vol. XIV, No. 78, pp. 506–507; read Nov. 21, 1878; published April 23, 1879.

II.—The Journal, vol. XIV, No. 78, pp. 508–529; read Nov. 21, 1878; published April 23, 1879.

III.—The Journal, vol. XIV, No. 78, pp. 586–605; read Dec. 5, 1878; published April 23, 1879. The preceding parts in one cover. Title on cover and bastard title. 8°. London, Taylor & Francis, 1879. Original pagination preserved.

IV.—The Journal, vol. XIV, No. 80, pp. 694–716; read June 5, 1879; published Sept. 2, 1879. Covers and bastard title as in the preceding.

V.—The Journal, vol. XV, No. 82, pp. 88–126; read April 18, 1880; published July 31, 1880. This and succeeding two parts have no title on cover or elsewhere.

VI.—The Journal, vol. XV, No. 84, pp. 218–230; read April 15, 1880; published Nov. 20, 1880.

VII.—The Journal, vol. XV, No. 85, pp. 246–274; read Dec. 9, 1880; published March 25, 1881.

VIII.—The Journal, vol. XV, No. 86, pp. 388–412; read March 3, 1881; published Sept. 29, 1881. This part has bastard title, but none on cover.

Watson (Rev. Robert Boog)—Continued.

Part IX.—The Journal, vol. xv, No. 87, pp. 413–455; read June 2, 1881; published Oct. 4, 1881. This part has no title.

X.—The Journal, vol. xv, No. 88, pp. 458–475; read June 16, 1881; published Nov. 3, 1882. No title.

XI.—The Journal, vol. xvi, No. 91, pp. 247–254; read Dec. 15, 1881; published March 8, 1883. No title.

XII.—The Journal, vol. xvi, No. 93, pp. 324–343; read Dec. 15, 1881; published June 12, 1882. This part has bastard title.

XIII.—The Journal, vol. xvi, No. 93, pp. 358–372; read March 16, 1881; published June 12, 1882. This part has bastard title.

XIV.—The Journal, vol. xvi, No. 93, pp. 372–392; read March 16, 1882; published June 12, 1882. This part has bastard title.

XV.—The Journal, vol. xvi, No. 96, pp. 594–611; read June 15, 1882; published March 10, 1883. This part has bastard title.

XVI.—The Journal, vol. xvii, No. 97, pp. 26–40; read Nov. 16, 1882; published March 24, 1883. This part has bastard title.

XVII.—The Journal, vol. xvii, No. 99, pp. 112–130; read March 1, 1883; published July 31, 1883. This part has bastard title.

XVIII.—The Journal, vol. xvii, No. 101, pp. 284–293; read March 15, 1883; published Oct. 20, 1883.

XIX.—The Journal, vol. xvii, No. 101, pp. 319–340; read May 3, 1883; published Oct. 20, 1883.

XX.—The Journal, vol. xvii, No. 101, pp. 341–346; read June 21, 1883; published Oct. 20, 1883.

Parts XVIII–XX issued in one cover; title on the cover. London, Linnean Society [1883].

——— The voyage of H. M. S. *Challenger*. Zoology. Report on the Scaphopoda and Gasteropoda collected by H. M. S. *Challenger* during the years 1873–1876.

In "*Challenger* Reports," vol. xv, Part XLII, pp. i–v, 1–756, plates i–l, with an Appendix, B, pp. 681–689, plates i–iii, on the *Cæcidæ* by Léopold, Marquis de Folin. London, 1885. 4°.

Zeitschrift für Malakozoologie. Herausgegeben von Karl Theodor Menke. Hannover, Hahn, 1844–1845.

2 vols. 8°. Also:

——— Herausgegeben von Karl Theodor Menke und Dr. Louis Pfeiffer. Cassel, Theodor Fischer, 1846–1853.

8 vols. 8°. See also Malakozoologische Blätter.

SKETCH OF GENERAL ARRANGEMENT.

A.—CLASS BRACHIOPODA.

I. Order Arthropomata.

II. Order Lyopomata.

B.—CLASS PELECYPODA.

I. Order Prionodesmacea.
  1. Suborder Ostracea.
  2. Suborder Anomiacea.
  3. Suborder Pectinacea.
  4. Suborder Mytilacea.
  [5. Suborder Naiadacea.
  6. Suborder Trigoniacea].
  7. Suborder Arcacea.
  8. Suborder Nuculacea.
  9. Suborder Solenomyacea.

II. Order Teleodesmacea.
  1. Suborder Carditacea.
  2. Suborder Leptonacea?

II. Order Teleodesmacea—Continued.
  3. Suborder Lucinacea.
  4. Suborder Chamacea.
  5. Suborder Cardiacea.
  6. Suborder Veneracea.
  7. Suborder Tellinacea.
  8. Suborder Mactracea.

III. Order Anomalodesmacea.
  1. Suborder Anatinacea.
  2. Suborder Myacea.
  3. Suborder Solenacea?
  4. Suborder Ensiphonacea.
  5. Suborder Adesmacea.

C.—CLASS SCAPHOPODA

I. Order Solenoconchia.

D.—CLASS GASTROPODA.

aa. SUBCLASS ANISOPLEURA.

A. *Superorder Euthyneura.*

I. Order Pteropoda.
  1. Suborder Thecosomata.
  2. Suborder Gymnosomata.

II. Order Opisthobranchiata.
  1. Suborder Tectibranchiata.

[III. Order Nudibranchiata.]

IV. Order Pulmonatà.
  1. Suborder Stylommatophora.
  2. Suborder Basommatophora.

B. *Superorder Streptoneura.*

I. Order Ctenobranchiata.
  1. Suborder Orthodonta.
    a. Superfamily Toxoglossa.
    b. Superfamily Rhachiglossa.
  2. Suborder Streptodonta.
    a. Superfamily Ptenoglossa.
    b. Superfamily Gymnoglossa.

I. Order Ctenobranchiata—Continued.
  2. Suborder Streptodonta—Cont'd.
    c. Superfamily Taenioglossa.
    d. Superfamily Docoglossa.
    e. Superfamily Rhiphidoglossa.
    f. Superfamily Zygobranchia.

bb. SUBCLASS ISOPLEURA.

C. *Superorder Polyconchæ.*

I. Order Polyplacophora.
  a. Superfamily Eochitonia.
  b. Superfamily Opsichitonia.

E.—CLASS CEPHALOPODA.

I. Order Dibranchiata.
  1. Suborder Octopoda.
  2. Suborder Sepiophora.

NOTE.—The reader will understand that this sketch does not pretend to completeness, except for the following tables.

ERRATUM.

The arrangement sketched on page 26 and followed in the tables was made out before the completion of my studies of the classification of the Pelecypods. These being since completed, two changes would follow in the arrangement. The suborder *Solenacea* would be transferred to the order *Teleodesmacea*, following the *Tellinacea*, and the suborder *Solenomyacea* would be transferred to the *Anomalodesmacea*. It is also probable that the *Isocardiacea* should be raised to subordinal rank.

W. H. DALL.

AUGUST 19, 1889.

ABBREVIATIONS FOR LOCALITIES.

Aug.	Anguilla.	Jup. I.	Jupiter Inlet, Fla.
Ant.	Antigua.	Keys.	Florida Keys.
Asp.	Aspinwall.	Lj.	Lillienskjold.
Atl.	Atlantic Ocean north of N. Lat. 20°.	Mart.	Martinique.
		Md.	Maryland.
Bah.	Bahamas.	MG.	Marie-Galante.
Barb.	Barbados.	N. Atl.	Atlantic Ocean north of N. Lat. 35°.
Bda.	Barbuda.		
Beauf.	Beaufort, N. C.	N. Car.	North Carolina.
Ber.	Bermudas.	N. Gr.	New Grenada.
Braz.	Brazil.	N. J.	New Jersey.
Car. S.	Caribbean Sea.	N. P.	New Providence.
Cay.	Cayenne.	P. E. Id.	Prince Edward's Island.
C. Can.	Cape Canaveral, Fla.	P. Pl.	Porto Plata.
Cedar K.	Cedar Keys, Fla.	P. Rico	Porto Rico.
C. Fla.	Cape Florida.	St. Aug.	St. Augustine, Fla.
Char. H.	Charlotte Harbor, Fla.	St. Bart.	St. Bartholomew.
Charl.	Charleston, S. C.	S. Car.	South Carolina.
Chesap.	Chesapeake Bay.	St. Cruz.	St. Croix or Santa Cruz.
C. Rom.	Cape Romano, Fla.	St. Dom.	Santo Domingo.
C. Sable.	Cape Sable, Nova Scotia.	St. J.	St. John.
Cub.	Cuba.	St. M.	Saint Martin.
Cul.	Culebra.	St. Thos.	St. Thomas.
Cur.	Curaçoa.	St. Vin.	St. Vincent.
Dom.	Dominica.	Tex.	Texas.
E. Fla.	East Florida.	Tort.	Tortola.
Eur.	Europe.	Trin.	Trinidad.
Fernand.	Fernandina, Fla.	V.	Viéque.
Fla.	Florida.	Va.	Virginia.
Ga.	Georgia.	V. Cruz.	Vera Cruz.
Gtm.	Guatemala.	VD.	Van Dyck's Island.
Guad.	Guadalupe.	Ven.	Venezuela.
Gulf, or G. Mex.	Gulf of Mexico.	Vg. I.	Virgin Islands.
Hatt.	Cape Hatteras.	W.	Water Island.
Hond.	Honduras.	W. Fla.	West Florida.
Hait.	Haiti.	Yuc.	Yucatan.
Jam.	Jamaica.	Z.	Zieeh.

TABLE I. A.—*List of Brachiopoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Class BRACHIOPODA.					
	Order ARTHROPOMATA Owen.					
	Family TEREBRATULIDÆ.					
	Genus TEREBRATULA Lhwyd.					
1	T. cubensis Pourtalès	39	6, 10	27	80/400	Fla. Reefs
2	T. Bartlettii Dall	6	4*a–c*	40	70/250	Gulf of Mex.
3	T. incerta Davidson	6	6, 6*a*	10.5	189/1850	Gulf of Mex.
	Genus TEREBRATULINA Orbigny.					
4	T. Cailleti Crosse	39	8, *yo.*	10	30/290	Fernandina
5	T. septentrionalis Couth	49	1, 2	22	8/83	Halifax
	Family EUDESIIDÆ.					
	Genus EUDESIA King.					
6	E. floridana Pourtalès	39	9, 11	23	110/310	Sand Key
7	E. cranium Müller				30/1360	Norway
	Genus MEGERLIA King.					
8	M. disparilis Dall			2.6	100/110	
	Family MEGATHYRIDÆ.					
	Genus CISTELLA Gray.					
9	C. Barrettiana Davidson			5	80/450	Fla. Keys
10	C. lutea Dall			6.5	30/287	Hatteras
11	C. Schrammi C. and F				100	Gulf of Mex.
	Family PLATIDIIDÆ.					
	Genus PLATIDIA Costa.					
12	P. seminula Philippi	49	3, 4	4.5	16/291	Hatteras
12*a*	var. radiata Dall				5/218	San Diego
	Family THECIDIIDÆ.					
	Genus THECIDIUM Defrance.					
13	T. Barretti Woodward	6	2		88/163	Gulf of Mex.
14	T. mediterraneum Sowerby	49	11	5.5		Medit
	Family RHYNCHONELLIDÆ.					
	Genus ATRETIA Jeffreys.					
15	A. gnomon Jeffreys			6	1178/2021	Labrador

TABLE I. A.—*List of Brachiopoda.*

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	....	....	†	†	†	.....	....	†	....	?	.....	Barbados....	Miocene. ?
....	....	....	....	....	.....	†	....	†	....	....	.....	Barbados....	
....	....	....	....	....	†	.....	....	†	....	....	.....	Bequia.....	
....	....	....	†	†	†	*†	†	†	....	....	.....	Rio	
†	?	....	....	....	.....	.....	....	.....	....	†	?	N. Jersey ? ..	Pliocene.
....	....	....	....	....	†	†	....	†	....	....	.....	Barbados....	
†?	....	....	....	....	.....	.....	....	.....	....	†	.....	Rhode Island	Pliocene.
....	....	....	....	....	?	.....	....	†	....	....	.....	Barbados....	
....	....	....	....	....	†	†	....	†	....	....	.....	Barbados....	
....	....	†	....	....	*	.....	....	†	....	....	.....	Barbados....	
....	....	....	....	....	.....	†	....	†	....	....	.....	Barbados....	
....	....	*	†	....	†	.....	....	†	....	†	†	Barbados....	Pliocene.
....	....	....	....	....	.....	.....	....	†	....	....	*	Santa Cruz..	
....	....	....	....	....	†	.....	....	†	....	....	.....	Barbados....	
....	....	....	....	....	†	.....	....	†	....	†*	.....	Barbados....	Pliocene.
†	†	†	....	†	.....	.....	....	†?	....	†	.....	Florida Str..	

TABLE I. A.—*List of Brachiopoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth	Northern extreme range.
	Order LYOPOMATA Owen.					
	Family CRANIIDÆ.					
	Genus CRANIA Retzius.					
16	C. Pourtalesii Dall	----	------	7	$\frac{88}{116}$	Fernandina
	Family DISCINIDÆ.					
	Genus DISCINA Lamarck.					
	Subgenus **Discinisca** Dall.					
17	D. atlantica King	----	------	5	$\frac{200}{2050}$	Baffin's Bay.
18	D. antillarum Orbigny	----	------	10	$\frac{15}{294}$	Fernandina
	Family LINGULIDÆ.					
	Genus GLOTTIDIA Dall.					
19	G. antillarum Reeve	----	------	6.2	$\frac{0}{16}$	Cuba
19*a*	var. pyramidata Stimpson	----	------	------	$\frac{0}{20}$	Chesap. Bay.

TABLE I. A.—*List of Brachiopoda*—Continued.

N. J.	Va.	Hat.	Ga	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern. extreme range.	Range in time.
----	---	----	†	†	†	-----	†	†	----	?	-----	St. Vincent..	
†	†	----	†	----	-----	-----	----	†	----	†	-----	Australia....	
----	---	----	†?	----	-----	-----	----	*	----	----	-----	Martinique..	
----	---	----	---	----	?	?	?	*	----	----	?	Martinique..	
----	*	*	*	*	*	*	?	?	----	----	-----	Florida	

TABLE II. B.—*List of Pelecypoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Class PELECYPODA.					
	Order PRIONODESMACEA.					
	Suborder OSTRACEA.					
	Family OSTREIDÆ.					
	Genus OSTREA Linné.					
1	O. virginica Gmelin	----	------	------	------	P. E. Island..
2	O. frons Linné	----	------	------	------	Jupiter Inlet
3	O. cristata Born	----	------	------	------	Tampa
4	O. equestris Say	----	------	------	------	N. Carolina..
	Suborder ANOMIACEA.					
	Family ANOMIIDÆ.					
	Genus ANOMIA Linné.					
5	A. simplex Orbigny	53	1, 2	------	$\frac{0}{1\,2}$	Cape Sable..
6	A. aculeata Linné	53	5–8	------	$\frac{0}{8\,0}$	Arctic Ocean
	Genus PLACUNANOMIA.					
7	P. rudis Broderip	----	------	------	------	Cedar Keys..
	Suborder PECTINACEA.					
	Family DIMYIDÆ.					
	Genus DIMYA Rouault.					
8	D. argentea Dall	4	5*a–b*	10.5	$\frac{73}{248}$	Hatteras
	Family SPONDYLIDÆ.					
	Genus PLICATULA Law.					
9	P. ramosa Lamarck	----	------	------	------	Hatteras
	Genus SPONDYLUS Linné.					
10	S. spathuliferus Sow	----	------	------	------	Jupiter Inlet
11	S. Gussoni Costa	----	------	------	$\frac{69}{640}$	Gulf of Mex.
	Family PECTINIDÆ.					
	Genus PECTEN Müller.					
	Subgenus **Janira** Schum.					
12	J. ziczac Linné	----	------	------	------	Tampa
13	J. hemicyclica Ravenel	6	5*yo*	4.0	------	Hatteras

TABLE II. B.—*List of Pelecypoda.*

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extr me range.	Range in time.
*	*	*	*	*	*	*	*	*	....	....	....	Florida Keys	Pliocene.
....	..	....	..	*	*	*	....	*	....	....	....	Barbados....	
....	.	....	..	....	*	*	...	*	....	....	....	Martinique . .	
...	..	*	*	*	....	*	....	....	....	....	....	Charlotte H .	
*	*	*	*	*	*	*	*	*	*	....	....	Martinique ..	
*	*	*	..	....	....	....	....	....	....	*	....	Cape Fear...	
....	..	....	..	....	*	*	....	*	*	....	....	Guadalupe ..	
....	...	†	..	....	....	....	....	†	....	....	....	Barbados....	? Pliocene.
*	*	*	*	*	*	*	*	*	....	....	....	Barbados....	
....	..	....	..	*	*	*	*	*	*	....	....	Guadalupe ..	
....	..	....	..	....	....	....	†	†	....	†	....	West Indies .	
....	..	....	..	....	*	*	....	*	*	....	....	Guadalupe ..	
....	..	*	..	*	*†	*†	....	*	....	....	....	Florida Str..	Pliocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus **Amusium** Schum.					
14	A. Mortoni Say			100. 0	$\frac{30}{60}$	Gulf of Mex.
15	A. Dalli Smith	4 40	1*a–b* 6	62. 0	$\frac{218}{1591}$	Bermuda
	Section PROPEAMUSIUM Greg.					
16	A. Pourtalesianum Dall	5	12		$\frac{13}{805}$	Cedar Keys.
17	var. *striatulum* Dall				$\frac{138}{424}$	Santa Cruz.
18	var. marmoratum Dall	4	3	12. 0	$\frac{13}{805}$	
19	A. cancellatum Smith	5	1*a*, 2	26. 0	$\frac{13}{1591}$	Charlotte H.
20	A. Holmesii Dall	5	5, 11	12. 0	$\frac{100}{273}$	Fernandina.
21	A. Sayanum Dall	5	3, 9	15. 5	$\frac{150}{400}$	Florida Str.
	Subgenus **Pecten** s. s.					
22	P. magellanicus Gmelin	70	2	300. 0	$\frac{1}{109}$	Labrador
23	P. irradians Lamarck	53	11	75. 0		Nova Scotia.
24	var. dislocatus Say			40. 0		Hatteras
25	P. nucleus Born			25. 0		Florida Keys
26	P. exasperatus Sowerby					Hatteras
27	P. ornatus Lamarck					Cedar Keys.
28	P. antillarum Recluz					Key West
29	P. effluens Dall	42	9	26. 0	$\frac{85}{300}$	Fernandina.
30	P. phrygium Dall	40	1	36. 5	$\frac{50}{792}$	Hatteras
31	P. glyptus Verrill			60. 0	$\frac{69}{158}$	Rhode Island
32	P. imbricatus Gmelin					Tortugas
33	P. nodosus Linné					Hatteras
34	var. fragosus Conrad					Cedar Keys.
	Section PSEUDAMUSIUM Ad.					
35	P. imbrifer Loven	4 64	4*a–b* 142	12. 5	$\frac{30}{650}$	Arctic Sea.
36	P. reticulus Dall	5	8, 10	7. 0	$\frac{82}{124}$	Hatteras
37	P. thalassinus Dall			8. 5	$\frac{22}{317}$	Rhode Island
38	P. leptaleus Verrill			7. 0	142	
39	P. fragilis Jeffreys				$\frac{656}{1750}$	Arctic Sea.
40	P. striatus Müller					Norway
41	P. Sigsbeei Dall	4	2	11. 5	158	Florida Str.
42	P. vitreus Gmelin	64	141		$\frac{50}{800}$	Arctic Ocean.
43	P. strigillatus Dall	42	2		$\frac{294}{1181}$	Fernandina.
44	P. undatus Verrill	46	21	19. 0	$\frac{1423}{1528}$	N. Atlantic.

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
----	--	----	--	----	----	*†	----	†	----	----	----	Haiti	Miocene.
----	--	----	--	----	----	†	----	†	†	----	----	Barbados....	
----	--	----	--	†	†	*†	----	†	----	----	----	Grenada.....	
----	--	----	--	----	----	----	----	†	----	----	----	St. Vincent..	
----	--	----	--	†	†	*†	----	†	----	----	----	Grenada	
----	--	----	--	----	†	*	----	†	†	----	----	St. Vincent..	
----	--	----	†	----	----	----	----	†	----	----	----	Barbados....	
----	--	----	--	----	†	----	----	†	----	----	----	Saba	
*	*	*	--	----	----	----	----	----	----	----	----	Hatteras	Miocene.
*	*	*	*	----	----	*	*	----	----	----	----	Tampa	Miocene.
----	--	*	*	*	*	*†	*	†	----	----	----	Florida Str..	
----	--	----	--	----	*	----	----	†*	----	----	----	Guadalupe ..	
----	--	*	--	*	*	*	----	*	----	----	----	Guadalupe ..	
----	--	----	-	*	*	----	----	*	----	----	----	Barbados....	
----	--	----	--	----	*	----	----	*†	----	----	----	Guadalupe ..	
----	--	----	†	----	†	----	----	†	----	----	----	Cuba.....	
----	--	†	--	----	†	†	----	†	----	----	----	Grenada	
†	--	†	--	----	----	----	----	----	----	----	----	Hatteras	
----	--	----	--	----	*	----	----	*	*	----	----	Trinidad	
----	--	*	--	*	*	*	----	*?	----	----	----	Florida Keys	Pliocene.
----	--	----	--	----	----	†	----	*	----	----	----	Guadalupe ..	
†	--	----	--	----	----	----	----	----	----	†	----	.....	
----	--	†	--	----	----	----	----	†	----	----	----	Barbados....	
----	--	*†	--	----	†	----	----	†	----	----	----	Barbados....	
----	--	†	--	----	----	----	----	----	----	----	----	Hatteras	
----	--	†	--	----	----	----	----	----	----	†	----	Hatteras	
†?	--	----	--	----	----	----	----	----	----	†	----	Rhode Island	
----	--	----	--	----	†	----	----	†	----	----	----	Cuba.....	
†?	--	----	--	----	----	†	----	----	----	†	?	Patagonia...	
----	--	----	†	----	----	†	----	†	----	†	----	Cuba.....	
†	--	---	--	----	----	----	----	----	----	----	----	N. lat. 37°...	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus HINNITES Defrance.					
45	*H. Adamsi* Dall	5	6	28.0	573	N. Atlantic
	Family LIMIDÆ.					
	Genus LIMA Bruguière.					
46	L. squamosa Lamarck					Sarasota
47	L. tenera Sowerby					Cedar Keys
48	L. scabra Born					Hatteras
49	L. albicoma Dall			8.0	115/121	Fla. Keys
50	L. hians Gmelin				15/35	Florida Str.
51	L. inflata Lamarck					Hatteras
	Subgenus **Limatula** S. Wood.					
52	L. setifera Dall			5.75	52/460	Hatteras
53	L. subauriculata Montagu				6/843	Arctic Sea
54	L. confusa Smith				31/1450	N. Atlantic
55	L. laminifera Smith				390/498	Florida Str.
	Genus LIMÆA Bronn.					
56	L. Bronniana Dall			3.1	15/100	Hatteras
57	var. lata Dall			5.2	294/804	Fernandina
	Suborder MYTILACEA.					
	Family AVICULIDÆ.					
	Genus AVICULA Lamarck.					
58	A. atlantica Lamarck				10/180	Hatteras
59	A. nitida Verrill				28/192	Rhode Island
	Genus MARGARITIPHORA Megerle.					
60	M. radiata Lamarck					Bermuda
	Genus PERNA Bruguière.					
61	P. obliqua Lamarck					St. Augustine
62	P. ephippium Lamarck					Bermuda
	Genus PINNA Linné.					
63	P. muricata Linné					N. Carolina
64	P. seminuda Lamarck					Hatteras
65	P. carnea Gmelin					Hatteras

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	....	....	....	†	....	?†	....	St. Vincent..	
....	..	....	..	....	*	*	....	*†	*	*	....	Barbados....	
....	..	....	..	....	*	*	....	*	....	....	....	Barbados....	
....	..	*	..	....	*	....	....	*	....	....	....	Trinidad	Pliocene.
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	*	....	Santa Cruz..	
....	..	*	*	....	*	*	....	*	*	*	*	Trinidad	
....	..	†	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	*†	..	....	†	....	....	....	....	†*	....	Florida Str..	Pliocene.
....	..	*	..	†	....	†	....	†	....	†	....	Brazil.....	
....	..	....	..	†	....	....	....	†	....	....	....	Sombrero ...	
....	..	*†	..	†	....	....	....	†	....	....	....	Barbados....	
....	..	....	†	....	†	....	....	†	....	....	....	Cuba.....	
....	..	*†	*	....	*†	*	*	*	....	....	....	Venezuela...	P. Pliocene.
†	..	....	..	....	*	*	....	....	....	?	....	Tortugas	
....	..	....	*	*	*	*	....	*	*	....	....	Brazil.....	
....	..	....	..	*	*	*	*	*	*	....	....	Guadalupe ..	
....	..	....	..	*	*	....	....	*	*	....	....	Jamaica.....	
....	..	*	*	*	*	*	*	*	....	....	....	Venezuela...	Pliocene.
....	..	*	*	*	*	*	*	*	....	....	....	Guadalupe ..	
....	..	*	..	*	*	....	....	*	....	....	....	Barbados....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family MYTILIDÆ.					
	Genus MYTILUS Linné.					
66	M. edulis Linné	71 54	2 3			Arctic Sea
67	M. hamatus Say					Rhode Island
68	M. exustus Linné					Charleston
	Genus SEPTIFER Recluz.					
69	S. ———					Tampa Bay
	Genus MODIOLA Lamarck.					
70	M. modiolus Linné	54	4		$\frac{0}{80}$	Arctic Sea
71	M. tulipa Linné					N. Carolina
	Section BRACHYDONTES Swainson.					
72	M. sulcata Lamarck					Tampa Bay
73	M. plicatula Lamarck	54	1			Nova Scotia.
74	var. semicostata Conrad					St. Augustine
	Section AMYGDALUM Megerle.					
75	M. lignea Reeve					S. Carolina
76	M. polita Verrill & Smith	6 45	3 12	50. 0 33. 0	$\frac{111}{1000}$	N. Atlantic
77	var. sagittata Dall				$\frac{85}{196}$	Cedar Keys
78	M. papyria Conrad					Jupiter Inlet
	Section BOTULINA Dall.					
79	M. opifex Say				$\frac{0}{52}$	Hatteras
	Section BOTULA Mörch.					
80	M. cinnamomea Lamarck				$\frac{0}{14}$	Cape Fear
	Genus LITHOPHAGUS Muhlfeldt.					
81	L. caribæus Philippi					Florida Str
82	L. antillarum Philippi					Bermuda
83	L. bisulcatus Orbigny					Cedar Keys
84	L. forficatus Ravenel					Cape Fear
	Genus DACRYDIUM Torell.					
85	D. vitreum, Möller				$\frac{6}{1555}$	Arctic
	Genus IDAS Jeffreys.					
86	I. argenteus Jeffreys	45	16*a*	5. 5	$\frac{335}{2033}$	N. Atlantic

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	*	*	--	----	----	----	----	----	----	*	*	N. Carolina..	Pliocene.
*	*	*	*	----	*	*	*	----	----	----	----	Costa Rica ..	
----	--	*	--	*	*	*	*	*	*	----	----	Brazil.....	
----	--	----	--	----	----	*	----	----	----	----	----	.....	
*-	*	*	--	----	----	----	----	----	---	*	*	N. Carolina..	Pliocene.
----	--	*	*	*	----	*	----	*	*	----	----	Guadalupe ..	
----	--	----	--	*	*	*	----	*	---	----	----	Barbados....	
*	*	*	*	----	----	----	----	----	----	----	----	Georgia	
----	--	----	*	----	----	*	*	----	----	----	----	Texas.....	
----	--	*	*	---	*	*	----	*	----	----	----	St. Thomas..	
†	--	†	--	----	†	†	----	†	----	†	----	Grenada	
----	--	----	--	----	†	†	----	----	----	----	----	Cape Florida	
----	--	----	--	*	----	*	*	----	----	----	----	Corp. Christi	
----	--	*†	--	----	*	----	*	*	----	----	----	Cuba.....	
----	--	*	--	----	*	*	----	*	----	----	----	Guadalupe ..	
----	--	----	--	----	*	----	----	*	----	----	----	St. Thomas..	
----	--	----	--	----	*	----	----	*	*	----	----	Guadalupe ..	
----	--	----	--	----	*	*	----	*	*	----	----	Guadalupe ..	
----	--	*	--	----	*	*	----	*	----	----	----	Jamaica	
†	†	†	--	†*	*	----	----	*†	----	†	----	Campeche...	
†	--	----	?	----	----	----	----	----	----	†	----	Rhode Island	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus MODIOLARIA Beck.					
87	M. nigra Gray	54	2	.....	0/60	Arctic Sea...
88	M. corrugata Stimpson	53	9	.....	3/100	Arctic Sea...
89	M. lateralis Say	6	7, 8	.....	.....	Maine.....
	Genus CRENELLA Brown.					
90	C. glandula Totten	53	10	.....	5/60	Arctic Sea...
91	C. decussata Montagu	64	136*a*	.....	5/124	Arctic Sea...
92	C. divaricata Orbigny	....	.....	.....	.....	Hatteras ....
93	C. fragilis Verrill	....	.....	14.0	70	Chesapeake .
	Genus DREISSENSIA Van Ben.					
	Subgenus **Mytilopsis** Conrad.					
94	M. leucopheata Conrad	....	.....	.....	.....	Maryland ...
	Suborder ARCACEA.					
	Family ARCIDÆ.					
	Genus ARCA Linné.					
	Section ARCA Lamarck.					
95	A. noæ Linné	....	.....	.....	1/20	Hatteras ....
96	A. imbricata Bruguière	....	.....	.....	.....	Hatteras ....
	Section BARBATIA Gray.					
97	A. candida Chemnitz	....	.....	.....	9/8	Hatteras ....
98	A. ———	....	.....	.....	.....	St. Augustine
99	*A. ectocomata* Dall	6	9, 10	26.0	82/169	.....
100	A. barbata Linné	....	.....	.....	2/75	N. Carolina..
	Section NOETIA Gray.					
101	A. ponderosa Say	....	.....	.....	.....	Cape Cod....
102	A. Orbignyi Kobelt	....	.....	.....	.....	Texas.....
103	A. Jamaicensis Gmelin	....	.....	.....	.....	N. Carolina..
	Section SCAPHARCA Gray.					
104	A. lienosa Say	....	.....	.....	.....	Hatteras ....
105	A. transversa Say	56	2	.....	2/10	Cape Cod....
106	A. incongrua Say	....	.....	.....	.....	Hatteras ....
107	A. auriculata Lamarck	....	.....	.....	15/40	Key West ...
	Section ARGINA Gray.					
108	A. pexata Say	56	16	.....	0/10	Cape Cod....
109	A. Holmesii Kurtz	....	.....	.....	.....	.....
110	A. Americana Gray	....	.....	.....	.....	Hatteras ....

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla, Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	--	*	--	----	----	----	----	----	----	*	*	Hatteras	P. Pliocene.
*	--	*	--	----	----	----	----	----	----	*	*	Hatteras	P. Pliocene.
----	--	*	--	----	*	*	----	*	*	*	----	N. Grenada..	
*	--	*	--	----	----	----	----	----	----	----	----	Hatteras	P. Pliocene.
----	--	†*	--	----	----	----	----	----	----	*	*	Hatteras	
----	--	*	--	----	*	*	----	*†	----	----	----	Barbados	
----	†	----	--	----	----	----	----	----	----	----	----	.....	
*	*	*	--	*	----	*	----	*	----	----	----	Aspinwall...	
----	--	*	--	----	*	*	----	*	*	*	*	Carthagena .	
----	--	*	*	*	*	*	*	*	*	----	----	Aspinwall...	
----	--	*	--	----	*	*	----	*	----	----	----	Trinidad	
----	--	----	*	----	----	*	----	*	----	----	----	St. Thomas..	
----	--	----	--	----	----	----	----	†	----	----	----	Barbados....	
----	--	*	--	----	*	*	*	*†	----	----	----	Barbados....	
*	*	*	*	*	*	*	*	*	----	----	----	St. Thomas ?.	P. Pliocene.
*	*	*	*	*	*	*	*	*	----	----	----	St. Thomas ..	
----	--	*	*	----	----	*	----	*	*	----	----	Venezuela...	Pliocene.
----	--	*	*	*	*	*	*	*	----	----	----	Trinidad	Pliocene.
*	*	*	*	*	*	----	----	----	----	----	----	Key West ...	Miocene
----	--	*	*	*	*	*	*	----	----	----	----	Aspinwall...	Pliocene
----	--	----	--	----	*	----	*	*	----	----	----	Martinique..	
*	*	*	*	----	----	?	*	----	----	----	----	.....	Pliocene.
----	*	*	--	----	----	----	----	----	----	----	----	Charleston ..	
----	--	*	*	*	*	----	*	*	----	----	----	Trinidad	Pliocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon	Range in depth.	Northern extreme range.
	Section BYSSOARCA Swainson.					
111	A. reticulata Gmelin	....	.....	.....	0/287	Hatteras ....
112	A. Adamsi Shuttleworth	....	.....	.....	10/35	Hatteras ....
113	var. Conradiana Dall	....	.....	.....	25/62	Hatteras ....
114	A. nodulosa Müller	....	.....	.....	1.5/125	Norway .....
115	A. pectunculoides Scacchi	8	5	8.0	75/1588	Norway .....
116	*A. polycyma* Dall	8	3, 3*a*	9.75	.....	.....
117	A. glomerula Dall	8	9, 9*a*	5.75	100/683	Hatteras ....
	Subgenus Macrodon Lycett.					
118	M. asperula Dall	8	4, 4*a*	8.5	310/1568	Fernandina..
119	M. sagrinata Dall	....	.....	6.0	80	Florida Str ..
120	M. profundicola Verrill	46	23, 23*a*	12.0	2021	N. Lat. 37° ..
121	M. ———	....	.....	.....	92	Florida Str ..
	Genus PECTUNCULUS Lam.					
122	P. undatus Linné	....	.....	.....	15/63	Hatteras ....
123	P. pectinatus Gmelin	....	.....	.....	2/175	Hatteras ....
	Genus LIMOPSIS Sassi.					
124	L. minuta Philippi	....	.....	.....	30/2221	Norway .....
125	L. tenella Jeffreys	....	.....	10.5	197/2033	N. Atlantic ..
126	L. antillensis Dall	8	7, 7*a*	3.5	80/683	Hatteras ....
127	L. cristata Jeffreys	....	.....	.....	85/1095	Norway .....
128	L. aurita Brocchi	....	.....	22.0	21/1582	Norway .....
129	var. *paucidentata* Dall	....	.....	9.0	874	.....
130	var. piana Verrill	....	.....	14.0	1131/2221	Chesapeake..
	Suborder NUCULACEA.					
	Family NUCULIDÆ.					
	Genus PLEURODON S. Wood.					
131	P. Adamsii Dall	....	.....	2.87	205	Florida Str..
	Genus NUCULA Lamarck.					
132	N. ægeënsis Jeffreys	....	.....	10.7	5/464	Mediter. Sea.
133	N. cymella Dall	....	.....	5.1	205/1100	Florida Str..
134	N. tenuis Montagu	68	8	.....	175/1255	Arctic Ocean
135	N. proxima Say	56	4	.....	2/100	Nova Scotia.
136	*N. delphinodonta* Mighels	56	8	.....	.....	Greenland...
137	*N. cancellata* Jeffreys	....	.....	.....	858/2033	N. Atlantic ..
138	N. granulosa Verrill	....	.....	.....	63/868	George's B'k.
139	N. crenulata A. Adams	7	2	7.3	30/382	Hatteras ....
140	var. obliterata Dall	8	2	7.3	424/1691	Hatteras ....
141	N. Verrilli Dall	....	.....	4.5	430/1685	Rhode Island

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	†*	..	*	*	*	*	*	*	....	....	Barbados....	
....	..	*	..	....	*	*	....	*	*	....	....	St. Lucia	
....	..	*	..	....	....	†	....	....	....	....	....	Cedar Keys..	
....	..	....	..	....	† *	....	....	....	....	*	...	Sand Key....	
†	..	†	†	....	....	†	....	†	....	†	....	St. Vincent..	P. Pliocene.
....	..	....		....	....	....	....	†	....	....	....	Grenada.....	
....	..	†	..	....	†	†	....	†	....	....	....	St. Vincent..	
....	..	....	†	....	†	†	†	†	....	....	....	Yucatan	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
†	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	*	*	*	*	....	....	*	....	....	....	St. Lucia....	Miocene.
....	..	*	*	....	*	*	*	*†	....	....	....	Barbados....	Pliocene.
†	..	....	.	....	†	*	....	†	....	†	....	Barbados....	Miocene.
†	..	....	..	....	†	†	....	†	....	†	....	Cuba.....	
....	..	†	..	....	†	....	....	†	....	....	....	Florida Str..	
†	..	†	†	....	†	....	†	†	....	†	....	Yucatan.....	
†	†	†	†	....	†	†	....	†	†	†	....	Grenada	Miocene.
....	..	....	..	....	....	....	....	†	....	....	....	Jamaica.....	
†	†	....	..	....	....	....	....	†	....	....	....	Dominica ...	
....	..	....	..	†	....	....	....	†	....	....	....	Bahamas....	
....	..	†*	†	....	†	*	....	†	....	†	....	Trinidad	
....	..	....	..	†	†	....	†	†	....	....	....	Yucatan.....	
*	*	*	..	....	....	....	....	....	....	†*	*	Hatteras	
*†	*	†*	..	....	....	*	....	....	....	....	....	Charlotte H.	Miocene.
*	..	....	..	....	....	....	....	....	....	?	....	New Jersey..	P. Pliocene.
†	..	....	..	....	....	....	....	....	....	†	....	.....	
....	†	....	..	....	....	....	....	....	....	....	....	C. Lookout ..	
....	..	†	..	....	....	*†	....	†	....	....	....	Barbados....	
....	..	†	..	....	....	....	....	†	....	....	....	St. Vincent..	
†	†	†	..	....	....	†	....	†	....	....	....	Yucatan.....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family LEDIDÆ.					
	Genus LEDA Schumacher.					
	Subgenus **Yoldia** Mörch.					
142	Y. solenoides Dall	9	2, 2*a*	12.5	118	Miss. delta
143	Y. liorhina Dall	9	1, 1*a*	13.1	100/1568	Gulf of Mex.
144	Y. limatula Say	49 56	5 1	----	2/50	Norway
145	Y. sapotilla Gould	56	9	------	5/124	Arctic Sea
146	Y. sericea Jeffreys	----	------	------	196/1731	N. Atlantic
147	Y. hebes Smith	----	------	4.0	196/805	Cedar Keys
148	Y. insculpta Jeffreys	----	------	------	193/690	N. Atlantic
149	Y. Jeffreysi Hidalgo	----	------	------	349/1785	N. Atlantic
150	Y. subequilatera Jeffreys	----	------	------	92/1731	Norway
151	Y. pompholyx Dall	----	------	4.0	205/1024	Fernandina
	Subgenus **Leda** Schumacher.					
152	L. Carpenteri Dall	8 9	11 3	10.5	14/287	Hatteras
153	L. messanensis Seguenza	----	------	4.0	32/2033	N. Atlantic
154	L. solidula Smith	----	------	------	640/1002	Hatteras
155	L. vitrea Orbigny	8	12,12*a*	6.5	100/280	Florida Str.
156	L. acuta Conrad	7 45 64	3, 8 15 140	9.5 13.0	7/225	Rhode Island
157	L. Bushiana Verrill	----	------	15.0	120/516	Hatteras
158	L. concentrica Say	----	------	------	------	Texas
159	L. Verrilliana Dall	----	------	13.0	------	Hatteras
160	L. ———	----	------	4.1	227/1024	Cedar Keys
161	L. ———	----	------	4.0	465/856	Florida Str.
162	L. quadrangularis Dall	8	6	4.6	683/1568	Hatteras
163	L. pusio Philippi	----	------	------	856/1691	N. Atlantic
164	L. solidifacta Dall	7	7*a–b*	12.5	287	Florida Str.
165	L. ———	----	------	------	196/225	Cedar Keys
	Section NEILONELLA Dall.					
166	L. corpulenta Dall	7	1*a–b*	9.5	120/450	Florida Str.
	Genus MALLETIA Desm.					
	Section TINDARIA Bellardi.					
167	M. cytherea Dall	8	1, 1*a*	8.6	200/724	Florida Str.
168	M. amabilis Dall	40	8	15.0	169/945	Cedar Keys

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
---	--	----	--	----	----	†	†	----	----	----	----	Yucatan.....	
----	--	----	--	----	†	†	----	†	----	----	----	Barbados....	
*	*	*	--	----	----	----	----	----	----	*	*	N. Carolina..	Pliocene.
*†	-	†	--	----	----	----	----	----	----	*	*	Hatteras	
†	†	†	--	†	----	----	----	†	----	†	----	Florida Str..	
----	--	----	--	----	----	†	----	†	----	----	----	Culebra Id ..	
----	--	----	--	†	†	----	----	†	----	†	----	Florida Str ..	
----	--	†	--	----	†	----	----	†	†	†	----	Florida Str ..	
----	--	†	--	----	----	†	----	----	----	†	----	Grenada	
----	--	----	†	†	†	----	----	†	----	----	----	Cuba	
----	--	†	--	†	†*	----	----	†	----	----	----	Barbados....	
†	†	†*	†	†	†	----	----	†	†	*	----	Barbados....	Pliocene.
----	--	†	--	----	†	†	†	†	----	----	----	Brazil.....	
----	--	----	--	----	†	----	----	†	----	----	----	Barbados....	
----	--	†*	*	----	†	*†	----	†	----	----	----	Sombrero ...	Miocene.
----	--	†	--	†	----	----	----	----	----	----	----	Florida Str ..	
----	--	----	--	----	----	*	*	*	----	----	----	Trinidad	Pliocene.
----	--	†*	--	----	----	----	----	----	----	----	----	Cape Fear...	
----	--	----	--	----	†	†	----	†	----	----	----	Cuba.....	
----	--	----	--	†	†	----	----	†	----	----	----	Cuba.....	
----	--	†	--	----	†	----	----	†	----	----	----	Cuba.....	
----	--	----	--	----	†	----	†	†	----	†	----	Bequia.....	Pliocene.
----	--	----	--	----	†	----	----	†	----	----	----	Cuba.....	
----	--	----	--	†	----	†	----	†	----	----	----	Florida Str ..	
----	--	----	--	----	†	----	----	†	----	----	----	Jamaica	
----	--	----	--	†	----	†	----	†	----	----	----	St. Vincent..	
----	--	----	--	----	----	†	----	†	----	----	----	Tobago	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Section NEILO A. Ad.					
169	M. dilatata Philippi	....	.....	.....	232/382	N. Atlantic..
170	M. ———	....	.....	.....	1181	Cedar Keys..
171	M. obtusa Sars	....	.....	.....	516/1688	Norway .....
	Genus GLOMUS Jeffreys.					
172	G. nitens Jeffreys	....	.....	.....	294/1700	Norway .....
	Suborder SOLENOMYACEA.					
	Family SOLENOMYIDÆ.					
	Genus SOLENOMYA Lamarck.					
173	S. velum Say	58	3	20.0	0/384	Nova Scotia.
174	S. ———	....	.....	12.0	32/3000	C. Lookout..
175	S. occidentalis Deshayes	....	.....	7.0	0/8	Gulf of Mex.
	Order TELEODESMACEA.					
	Suborder CARDITACEA.					
	Family CARDITIDÆ.					
	Genus CARDITA Bruguière.					
176	C. domingensis Orbigny	....	.....	.....	36/124	Hatteras ....
177	C. Conradii Shuttleworth ?	....	.....	.....	.....	Tampa .....
178	C. floridana Conrad	....	.....	.....	.....	Tampa .....
179	C. gracilis Shuttleworth	....	.....	.....	.....	Tampa .....
	Subgenus **Venericardia** Lamarck.					
180	V. borealis Conrad	58	9	.....	5/100	Arctic Sea...
181	var. granulata Say	....	.....	.....	500/2000	Rhode Island
182	var. *nov-angliæ* Morse	58	10	.....	3/40	Nova Scotia.
183	V. tridentata Say	....	.....	.....	36/124	Hatteras ....
184	V. flabella Conrad	....	.....	.....	14/62	Hatteras ....
	Family ASTARTIDÆ.					
	Genus ASTARTE J. Sowerby.					
185	A. undata Gould	58	1	.....	5/100	Nova Scotia.
186	A. castanea Say	58	7	.....	5/65	Nova Scotia.
187	A. lens Stimpson	....	.....	.....	22/124	Rhode Island
188	A. Smithii Dall	7	5*a–b*	7.0	54/1688	Gulf of Mex.
189	A. globula Dall	....	.....	5.0	294/402	Fernandina .
190	A. nana Jeffreys	7	6*a–b*	8.2	22/196	Hatteras ....
	Subgenus **Goodallia** Turton.					
191	G. ———	....	.....	.....	15/52	CapeLookout

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	--	....	--	....	†	....	....	†	....	†	....	Old Provid'ce	Pliocene.
....	--	....	--	....	....	†	....	....	....	....	....	.....	
†	†	†	--	....	....	....	....	....	....	†	....	Hatteras	
....	--	....	†	†	....	....	....	†	....	....	....	Cuba.....	
*	*	*	--	....	....	....	....	....	....	....	....	N. Carolina..	P. Pliocene.
....	--	*	--	....	....	....	†	†	....	....	....	Cuba.....	
....	--	....	--	....	*	*	....	*	....	....	?	Guadalupe ..	
....	--	†*	--	....	†	....	....	*†	....	....	....	Sombrero ...	
....	--	....	--	....	*	*	....	....	....	....	....	Key West ...	Miocene.
....	--	....	--	....	*	*	....	....	....	....	....	Key West ...	
....	--	....	--	....	....	*	....	....	....	....	....	.....	
†	†	†	--	....	....	....	....	....	....	†	†	Hatteras	Miocene.
....	--	†*	--	....	....	....	....	....	....	....	....	Hatteras	Miocene.
....	--	....	--	....	....	....	....	....	....	....	*	Rhode Island	
....	--	†*	--	....	....	*	....	....	....	....	....	Charlotte H .	Miocene.
....	--	*	†	....	....	*	....	....	....	....	....	Charlotte H .	Miocene.
....	--	*	--	....	....	....	....	....	....	....	....	Hatteras	P. Pliocene.
*	--	†	--	....	....	....	....	....	....	....	....	Hatteras	P. Pliocene.
....	--	†*	†	....	†	....	....	....	....	....	....	Cape Florida	
....	--	....	--	....	†	†	....	†	....	....	....	Barbados....	
....	--	....	†	....	†	....	....	†	....	....	....	Cuba.....	
....	--	†*	--	....	*	*	....	*	....	....	....	Sombrero ...	
....	--	†*	--	....	....	....	....	....	....	....	....	Cape Fear...	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus PARASTARTE Conrad.					
192	P. triquetra Conrad	49	6, 7, 8	5.0	.....	Cedar Keys.
193	P. concentrica Dall	....	.....	5.5	$\frac{18}{49}$	Hatteras ....
	Genus CIRCE Schumacher.					
	Subgenus **Gouldia** C. B. Adams.					
194	G. cerina C. B. Adams	7	4*a*–*b*	10.5	$\frac{3}{22}\frac{3}{9}$	Hatteras ....
195	G.	....	.....	.....	$\frac{49}{63}$	Hatteras ....
	Family CRASSATELLIDÆ.					
	Genus CRASSATELLA Lamarck.					
196	C. floridana Dall	6 42	12 4	11.0 65.0	$\frac{3}{100}$	Hatteras ....
	Subgenus **Eriphyla** Gabb.					
197	E. lunulata Conrad	58	11, 13	.....	$\frac{3}{100}$	Cape Cod ...
198	var. parva C. B. Adams	....	.....	.....	$\frac{15}{287}$	Florida Str..
	Suborder LEPTONACEA.?					
	Family ERYCINIDÆ.					
	Genus TURTONIA Forbes & Hanley.					
199	T. minuta Fabricius	64 68	142*a* 7	....	.....	Arctic Sea...
	Genus KELLIA Turton.					
200	K. planulata Stimpson	56	7	.....	$\frac{8}{15}$	Arctic Sea...
	Genus LEPTON Turton.					
201	L. longipes Stimpson	....	.....	.....	.....	Hatteras ....
202	L. ———	....	.....	.....	22	C. Lookout..
203	L. ———	....	.....	.....	22	C. Lookout..
204	L. ———	....	.....	.....	$\frac{12}{31}$	C. Lookout..
205	L. lepidum Stimpson?	....	.....	.....	124	Hatteras ....
	Subgenus **Fabella** Conrad.					
206	F. constricta Conrad	....	.....	.....	.....	Cedar Keys...

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga	East Fla.	Fla. Keys.	West Fla.	Tex	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	....	*	....	....	....	....	....	Charlotte	Pliocene.
....	..	*	*	....	....	....	....	....	....	....	....	St. Augustine	
....	..	†*	..	....	*	†*	....	†	*	....	....	Barbados....	Miocene.
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	*	*	....	*	....	....	....	Barbados....	
†*	..	*†	..	*	*	*	....	*	*	....	....	Barbados....	Pliocene.
....	..	....	..	....	†	....	....	*†	....	....	....	Barbados....	Pliocene.
*	?	-	..	....	....	....	....	....	....	....	....	S. Carolina ..	
?	..	†	..	....	....	....	....	?	....	....	....	Hatteras....	Pliocene.
....	..	*	..	....	....	....	....	....	....	....	....	S. Carolina ..	
....	..	*	..	....	....	....	....	....	....	....	....	.....	Pliocene.
....	..	*	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	?	..	....	....	*	....	....	....	....	....	Charlotte H.	Miocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Suborder LUCINACEA.					
	Family UNGULINIDÆ.					
	Genus TELLIMYA Brown.					
207	*T. ferruginosa* Montagu	45	13	8.5	365/487	Norway
208	T. tumidula Jeffreys					Arctic Sea
209	T. elevata Stimsson	68	6		2/63	Maine
	Genus CRYPTODON Turton.					
210	C. obesus Verrill	58	12		12/1290	Arctic Sea
211	C. ovoideus Dall				353	S. Carolina
212	C. grandis Verrill and Smith	46	22	21.0	928/1582	Delaware
213	C. pyriformis Dall				85/731	Cape Fear
214	C. ferruginosus Forbes				100/1467	Arctic Sea
215	C. tortuosus Jeffreys				500/1290	N. Atlantic
216	*C. Gouldii* Philippi	58	2		6/300	Arctic Sea
	Family CYRENELLIDÆ.					
	Genus CYRENOIDEA Joannis.					
217	C. floridana Dall					Fernandina
	Family LUCINIDÆ.					
	Genus LUCINA Bruguière.					
	Subgenus **Divaricella** Von Martens.					
218	D. dentata Wood	58	6		6/52	George's B'k.
219	D. quadrisulcata Orbigny					Hatteras
	Subgenus **Lucina** s. s.					
220	L. pennsylvanica Linné					Hatteras
221	L. filosa Stimpson	58	14		18/500	Arctic Sea
222	L. jamaicensis Lamarck					St. Augustine
223	L. floridana Conrad					Cedar Keys
224	L. tigrina Linné					St. Augustine
225	L. pecten Lamarck					Tampa
226	L. lenticula Reeve				6/300	Turtle Harb.
227	L. pectinella C. B. Adams					Cape Florida
228	L. squamosa Lamarck				0/24	C. Lookout
229	L. costata Tuomey & Holmes				2/640	Hatteras
230	L. crenulata Conrad				15/124	Hatteras
231	L. trisulcata Conrad				0/18	Hatteras
232	L. leucocyma Dall			5.6	6/683	Hatteras
233	L. sombrerensis Dall			6.5	50/72	Gulf of Mex.

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
?	..	....	..	....	....	....	....	....	...	*	....	Rhode Id ? ..	
†	..	†	..	....	....	....	....	....	....	†	....	Hatteras	
?	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
†	..	* †	†	†	†	....	....	....	....	....	....	Cape Florida	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
†	†	†	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	†	..	....	†	....	....	†	....	....	....	Yucatan	
†	†	†	..	....	....	....	....	....	....	†	†	Hatteras	
†	..	†	..	....	....	....	....	....	....	†	....	Hatteras	
*	..	....	..	....	....	....	....	....	....	....	....	Rhode Id....	P. Pliocene.
....	..	....	*	*	*	*	....	....	....	....	....	Florida Keys	Pliocene.
....	..	† *	..	....	....	....	....	† *	....	....	....	Brazil.....	
....	..	*	*	*	†	*	....	† *	....	....	....	Trinidad	
....	..	*	..	*	*	*	....	*	....	....	....	Guadalupe ..	Pliocene.
†	†	* †	..	....	†	....	....	†	....	....	....	Patagonia...	P. Pliocene.
....	..	....	*	....	....	*	*	*	....	....	....	Guadalupe ..	Pliocene.
....	..	....	..	....	*	*	....	....	....	....	....	Key West ...	
....	..	....	*	....	*	*	*	*	*	....	....	Aspinwall...	Pliocene.
....	..	....	..	....	*	*	....	*	*	....	....	Curaçoa.....	P. Pliocene.
....	..	....	..	....	†	....	....	†	....	....	....	Cuba	
....	..	....	..	....	†	....	....	*	....	....	....	Jamaica.....	
....	..	*	..	....	*	*	....	*	*	....	....	Guadalupe ..	
....	..	*	..	....	*	*	....	†	....	....	....	Yucatan.....	Pliocene.
....	..	† *	..	*	*	*	....	*	....	....	....	Cuba	Pliocene.
....	..	*	..	....	*	*	....	*	....	....	....	Cuba	Pliocene.
....	..	†	..	....	†	....	....	†	....	....	....	Sombrero ..	
....	..	....	..	....	†	†	....	†	....	....	....	Sombrero ..	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
234	L. sagrinata Dall			7.6	85/300	Gulf of Mex.
235	L. multilineata Conrad			15.0	8/287	C. Lookout
236	L. lintea Conrad				0/200	Hatteras
237	L. scabra Lamarck				10/182	Florida Str.
	Genus LORIPES Poli.					
238	L. edentula Linné				5/50	Hatteras
239	var. chrysostoma Mörch					Tampa
240	L. lens Verrill and Smith				5/464	Cape Cod
241	L. compressa Dall	14	2	10.0	72/424	Gulf of Mex.
	Family DIPLODONTIDÆ.					
	Genus DIPLODONTA Turton.					
242	D. turgida V. & S	45 64 65	10, 11) 136) 135)	25.0	15/179	Rhode Island
243	D. subglobosa C. B. Adams				3/124	Hatteras
244	D. soror C. B. Adams					Tortugas
245	D. semiaspera Philippi				14/294	Hatteras
	Suborder CHAMACEA.					
	Family CHAMIDÆ.					
	Genus CHAMA Bruguière.					
246	C. arcinella Linné				0/26	Hatteras
247	C. sarda Reeve				0/85	Cape Florida
248	C. congregata Conrad				0/52	Hatteras
249	C. macrophylla Chemnitz				0/287	Tampa
250	C. lactuca Dall			25.0	63/100	Hatteras
	Suborder CARDIACEA.					
	Family CARDIIDÆ.					
	Genus CARDIUM Linné.					
251	C. magnum Born					Virginia
252	C. isocardia Linné					Hatteras
253	C. muricatum Linné					N. Carolina
254	C. antillarum Orbigny	4	6	8.2	2/182	Florida Str.
255	C. pinnulatum Conrad	58	5		1/266	Labrador
256	C. islandicum Linné				5/50	Arctic Sea
257	C. peramabilis Dall	4 40	7) 4)	12.5	13/164	Rhode Island
258	var. tinctum Dall				7½/100	Key West
259	C. medium Linné					C. Lookout

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	†	†	....	†	....	....	....	Yucatan	
....	..	*	..	*†	*	*	....	†	....	....	....	Grenada	Pliocene.
....	..	*	..	†	*†	*	....	*	....	....	....	Cuba	Pliocene.
....	..	....	..	....	†	....	....	†	....	....	*	Guadalupe ..	
....	..	†	..	....	*	*	*	....	*	....	....	Martinique ..	Pliocene.
....	..	....	..	....	*	*	....	....	....	....	....	Santa Cruz ..	
....	..	....	..	....	†	....	....	†	....	....	....	Grenada	
....	..	....	..	....	....	....	†	†	....	....	....	Sombrero . ..	
†	..	†*	..	....	....	....	....	†	....	....	....	Grenada	
....	..	†*	..	....	*	*	....	*†	....	....	....	Trinidad ...	Pliocene.
....	..	....	..	....	*	....	....	*	....	....	....	Jamaica.....	
....	..	†*	†	†	*	....	....	†*	....	....	....	St. Thomas..	Pliocene.
....	..	*	..	....	*	*	*	*	....	....	....	Guadalupe ..	Pliocene.
....	..	....	..	....	*†	....	....	*†	....	....	....	Trinidad	
....	..	*	..	....	....	*	....	*	....	....	....	Yucatan	Miocene.
....	..	?	..	....	*	*	....	*†	*	....	....	Curaçoa.....	Pliocene.
....	..	†	..	....	....	....	....	†	....	....	....	Barbados....	
....	*	*	*	*	*	*	*	*	....	....	....	Cuba	Pliocene.
....	..	*	..	....	*	*	....	*	*	....	....	Trinidad	
....	..	*	*	*	*	*	*	*	....	....	....	Trinidad	Pliocene.
....	..	....	..	....	*	....	....	†*	....	....	....	Guadalupe ..	Pliocene.
....	..	†*	..	....	....	....	....	....	....	....	....	C. Lookout..	P. Pliocene.
?	..	*?	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	†	..	†	†	†	....	*†	....	....	....	Grenada	
....	..	....	..	....	†*	....	....	†*	....	....	....	Barbados....	
....	..	*	*	....	*	*	....	*†	....	....	....	Brazil.....	Pliocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus **Papyridea** Swainson.					
260	P. bullata Linné				$\frac{2}{300}$	Hatteras
261	P. Petitiana Orbigny				$\frac{3}{300}$	Cape Florida.
	Subgenus **Liocardium** Swainson.					
262	L. serratum Linné				$\frac{0}{52}$	Hatteras
263	L. lævigatum Linné				$\frac{0}{75}$	Hatteras
264	L. Mortoni Conrad	58	8	21.0	$\frac{0}{8}$	Nova Scotia.
	Family VENILIIDÆ.					
	Genus CYPRINA Lamarck.					
265	C. islandica Linné	57	1	58.0	$\frac{6}{90}$	Arctic Ocean
	Family ISOCARDIIDÆ.					
	Genus ISOCARDIA Lamarck.					
	Subgenus **Meiocardia** H. & A. Adams.					
266	*M. Agassizii* Dall	40	7	22.0	117	
	Genus CALLOCARDIA A. Adams.					
	Subgenus **Vesicomya** Dall.					
267	V. pilula Dall	8	13	2.6	$\frac{294}{1591}$	Fernandina.
268	V. venusta Dall	40	5	19.0	$\frac{107}{801}$	Cape Fear.
	Suborder VENERACEA.					
	Family VENERIDÆ.					
	Genus VENUS Linné.					
269	V. mercenaria Linné	55 71	7 1, 3	75.0		Nova Scotia.
270	var. Mortoni Conrad					Hog Isl'd, Va.
271	V. crispata Deshayes					Gulf of Mex.
272	V. rugosa Gmelin				$\frac{0}{85}$	Hatteras
273	var. rugatina Heilprin				$\frac{26}{84}$	Tampa
274	V. pilula Reeve				$\frac{76}{300}$	Gulf of Mex.
275	V. cribraria Conrad				$\frac{15}{124}$	Hatteras
276	V. cancellata Linné					Hatteras
277	V. Beaui Recluz					Key West
278	V. Lamarckii Gray				$\frac{15}{127}$	Hatteras
279	V. granulata Gmelin					Tortugas
280	V. pygmæa Lamarck					Hatteras
281	V. varicosa Sowerby				$\frac{14}{124}$	Hatteras
	Subgenus **Anomalocardia** Schum.					
282	A. rostrata Sowerby					Jupiter Inlet

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	*	....	*	*†	....	*†	....	....	?	Brazil.....	
....	..	....	..	....	*	....	....	*†	....	....	....	Trinidad	
....	..	*	*	*	*	*	....	*	*	....	....	Guadalupe ..	
....	..	*	*	*	*†	*	....	*†	*	....	....	Guadalupe ..	
....	..	*	*	*	....	*	....	....	....	....	....	Charlotte H.	P. Pliocene.
....	..	*	..	....	....	....	....	....	....	*†	....	Hatteras	Pliocene.
....	..	....	..	....	....	....	....	†	....	....	....	Trinidad	
....	..	....	†	....	†	....	....	†	....	....	....	Bequia.....	
....	..	†	..	....	†	....	....	†	....	....	....	Cuba.....	
*	*	*	*	*	*	*	*	....	....	*	....	Yucatan	Miocene.
....	*	*	*	*	*	*	*	....	....	....	....	Florida Keys.	Miocene.
....	..	....	..	....	*	*	....	*	....	....	....	Porto Rico ..	
....	..	†	..	....	†	....	....	†*	....	....	....	Rio Janeiro..	
....	..	....	..	....	†	*	....	....	....	....	?	Florida Str..	Pliocene.
....	..	....	..	....	†	....	†	†	....	....	....	Barbados....	
....	..	†*	..	....	....	*	*	....	....	....	....	Honduras ...	Miocene.
....	..	*	..	*	*	*	....	*	*	....	....	Trinidad	
....	..	....	..	....	*	....	....	*	....	....	....	Aspinwall ...	
....	..	†*	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	†	....	....	*	....	....	....	Carthagena..	
....	..	*†	*	*	*	*	....	*	....	....	....	Guadalupe ..	
....	..	*†	..	*	....	*	*	*	....	....	....	Barbados....	Miocene.
....	..	....	..	*	*	*	*	*	....	....	....	Cuba.....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus GEMMA Deshayes.					
283	G. purpurea H. C. Lea	56	11			Labrador
284	— var. manhattanensis Prime					Cape Cod
	Genus CYTHEREA Lamarck.					
285	C. Simpsoni Dall					Tampa
286	C. convexa Say	56 64	15 142*a*	50.0	2/63	Pr. Edw. Isl.
287	C. albida Gmelin				0/20	Florida Str.
288	C. ?obovata Conrad				18/170	C. Lookout
289	C. hebræa Lamarck				0/85	Hatteras
290	C. ———				25/111	Hatteras
291	C. ? idonea Conrad					Texas
	Subgenus **Callista** Mörch.					
292	C. maculata Linné				0/28	Hatteras
293	C. gigantea Gmelin					Hatteras
	Subgenus **Transennella** Dall.					
294	T. Conradina Dall				0/31	Hatteras
295	T. cubaniana Orbigny				0/8	Cape Florida
	Subgenus **Dione** Gray.					
296	D. Dione Linné					Gulf of Mex.
	Subgenus **Tivela** Link.					
297	T. mactroides Born					Florida Keys?
	Subgenus **Veneriglossa** Dall.					
298	V. vesica Dall			22.0	84/175	Florida Str.
	Genus DOSINIA Scopoli.					
299	D. discus Reeve					Virginia
300	D. elegans Conrad					Hatteras
	Genus LUCINOPSIS F. & H.					
301	L. tenuis Recluz				0/8	Hatteras
	Family CORBICULIDÆ.					
	Genus CYRENA Lamarck.					
	Section LEPTOSIPHON, Fischer.					
302	C. carolinensis Bosc					Georgia

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	*	*	..	....	....	....	....	....	....	....	....	N. Carolina..	
*	*	*	..	....	....	....	....	....	....	....	....	N. Carolina..	
...	..	....	..	....	*	*	...	*	....	....	....	Martinique ..	Pliocene.
*	*	*†	..	....	....	*	....	....	....	....	....	Tampa	
....	..	....	..	....	*	....	....	*	....	....	....	N. Grenada ..	
....	..	*	..	....	....	*†	....	†	....	....	....	Grenada	
....	..	*†	..	....	†*	*	....	†*	*	....	....	Barbados....	
....	..	*	..	....	†	†	....	....	....	....	....	Gulf of Mex .	
....	..	....	..	....	....	....	*	....	....	....	....	Gulf of Mex .	
....	..	*	*	*	*	*	*	*	....	....	....	Guadalupe ..	
....	..	*	..	....	*	*	*	*	....	....	....	Cuba?	
....	..	*	..	....	*	*	....	....	....	....	....	Key West ...	
....	..	....	..	....	*	....	....	*	....	....	....	Santa Cruz ..	
....	..	....	..	....	*	....	*	*	....	....	....	Aspinwall ...	
....	..	?	..	....	*	....	....	*	....	....	....	Carthagena .	
..	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	*	*	*	*	....	*	*	....	....	....	....	Vera Cruz...	
....	..	*	*	*	*	*	*	*	....	....	....	Aspinwall ...	
....	..	*	..	....	*	*	....	*	....	....	....	Trinidad	
....	..	....	*	....	*	*	*	*	....	....	....	Cuba.....	

TABLE II. B —*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Section EGETA, H. & A. Adams.					
303	C. floridana Conrad					Tampa
	Suborder TELLINACEA.					
	Family PETRICOLIDÆ.					
	Genus PETRICOLA Lamarck.					
304	P. pholadiformis Lamarck	59 64	15 140*a*			Pr. Edw. Isl.
305	var. dactylus Lamarck					Maine
306	P.				Coral	Florida Keys.
	Subgenus **Choristodon** Jonas.					
307	C. robusta Sowerby					Cape Florida
308	C.? cancellata Verrill			8.0	70	Chesapeake
	Subgenus **Naranaio** Gray.					
309	N. lapicida Gmelin				$\frac{0}{6\,8}$	Florida Keys.
	Genus CORALLIOPHAGA Blainv.					
310	C. carditoidea Blainville				$\frac{0}{3\,0}$	Cedar Keys.
	Family DONACIDÆ.					
	Genus DONAX Linné.					
311	D. denticulatus Linné					Texas
312	D. variabilis Say					Hatteras
313	D. fossor Say			12.5		New Jersey
314	D. obesa Orbigny					St. Augustine
	Genus IPHIGENIA Schum.					
315	I. braziliana Lamarck.					Indian River.
	Genus HETERODONAX Mörch.					
316	H. bimaculata Linné					Fernandina
	Family PSAMMOBIIDÆ.					
	Genus PSAMMOBIA Lamarck.					
317	P. vaginatus Reeve			30.0		Charlotte H.
	Genus TAGELUS Gray.					
318	T. gibbus Spengler	55 56	3 3	80.0 35.0		Cape Cod
319	T. divisus Spengler	56	5			Cape Cod
	Genus SOLETELLINA Blainv.					
320	S. rufescens Chemnitz					Gulf of Mex.

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
----	--	----	--	----	----	*	----	----	----	----	----	----------	
*	*	*	*	*	*	----	*	*	----	----	----	St. Thomas..	Pliocene.
*	--	*	--	----	----	----	----	----	----	----	----	S. Carolina..	Pliocene.
---	--	----	-	----	*	----	----	----	----	----	----	----------	
---	--	*	--	----	*	*	----	*	----	----	----	Guadalupe ..	
*	*	----	--	----	----	----	----	----	----	----	----	----------	
----	--	----	--	----	* †	----	----	*	----	----	----	Martinique..	
----	--	----	--	----	----	*	*	*	*	----	----	St. Thomas..	
----	--	----	--	----	*	*	*	*	----	----	----	Rio Janeiro .	
----	-	*	*	*	*	*	*	*	----	----	----	St. Thomas..	
*	*	*	*	*	*	*	*	----	----	----	----	Florida Keys.	
----	--	----	*	----	----	----	*	----	---	----	----	Texas	
----	--	----	--	*	*	*	*	*	----	----	----	Brazil	
----	--	----	*	*	*	*	----	*	*	----	*	Trinidad	
.....	--	----	--	----	----	? *	----	----	----	----	----	----------	
*	*	*	*	*	----	*	*	*	---	*	?	Trinidad	Miocene.
*	*	*	*	----	*	*	----	*	----	----	----	Guadalupe ..	Pliocene.
----	--	----	--	----	----	----	*	*	----	----	*	Aspinwall...	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus SANGUINOLARIA Lamarck.					
321	S. rosea Lamarck					Gulf of Mex.
	Genus ASAPHIS Modeer.					
322	A. deflorata Linné					Charlotte H.
	Family TELLINIDÆ.					
	Genus TELLINA Linné.					
323	T. magna Spengler					Hatteras
324	T. radiata Linné					Cedar Keys.
325	T. lævigata Linné					Tampa
326	T. fausta Solander					Hatteras
327	T. alternata Say					Hatteras
328	T. striata Hanley					Florida Keys.
329	*T. nitida* Lamarck					
330	var. carolinensis Dall				$\frac{3}{50}$	Hatteras
331	T. interrupta Wood					C. Lookout.
332	T. lineata Turton					St. Augustine
333	T. squamifera Deshayes				$\frac{22}{85}$	Hatteras
334	T. sybaritica Dall	6	11	7.0	$\frac{20}{640}$	Gulf of Mex.
335	T. tenella Verrill	56	12		$\frac{4}{10}$	Cape Cod
336	T. tenera Say	55 56	1 13	8.0	$\frac{0}{80}$	Gaspé
337	T. versicolor Cozzens				$\frac{15}{60}$	New York
338	T. polita Say					N. Carolina.
339	T. modesta Verrill					Hatteras
340	T. decora Say				$\frac{0}{5}$	Bermuda
341	T. iris Say					N. Carolina.
342	T. mera Say					Tampa
343	T. cuneata Orbigny					Tampa
344	T. ——					Key West
345	T. lintea Conrad				$\frac{0}{30}$	Hatteras
346	T. Gouldii Hanley				$\frac{2}{50}$	Hatteras
	Genus MACOMA Leach.					
347	M. constricta Bruguière					Hatteras
348	M. brevifrons Say					S. Carolina.
349	M. tenta Say	56	10		$\frac{2}{87}$	Cape Cod
350	var. Souleyetiana Recluz					St. Augustine
351	M. limula Dall			17.0	$\frac{22}{100}$	C. Lookout.
352	M. ——			13.5	32	Cedar Keys.
353	M. baltica Linné	56	6			Arctic Sea.
354	M. cerina C. B. Adams					Shark R., Fla.
355	M. tampaënsis Conrad					St. Andr's B.

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
----	--	----	--	----	----	*	*	*	*	...	*	Trinidad	
----	--	----	--	----	*	*	----	*	----	----	----	Brazil.....	
----	--	*	--	----	*	*	----	*	*	----	----	St. Thomas ..	
----	--	----	--	----	*	*	----	*	*	----	----	Guadalupe ..	
----	--	----	--	----	----	*	----	*	*	----	----	Guadalupe ..	
----	--	*	--	*	*	----	----	*	..	----	----	Trinidad	
----	?	*	*	*	*	*	*	*	----	----	----	Haiti	Pliocene.
----	--	----	--	----	*	----	----	*	...	----	----	N. Grenada..	
----	--	----	--	----	----	----	----	----	----	*	----	Medit'ranean	
----	--	* †	--	----	----	*	----	*	----	----	----	St. Thomas..	
----	--	*	--	----	*	*	----	*	*	----	*	Brazil.....	
----	--	----	*	*	*	*	----	*	..	----	----	Brazil.....	
----	--	* †	--	----	*	*	----	* †	...	----	----	Sombrero ...	
----	--	----	--	----	----	*	----	†	...	----	----	Brazil.....	
----	--	----	--	----	----	*	----	----	----	----	----	Tampa.....	
*	*	*	*	----	*	*	----	* †	----	----	----	Barbados....	Pliocene.
----	--	*	*	----	----	*	- --	* †	----	----	----	Barbados....	
----	--	*	*	*	----	*	----	----	----	----	----	Sarasota	
----	--	*	--	----	*	*	*	----	*	----	----	Yucatan	
----	--	----	--	----	*	*	----	*	*	----	----	Aspinwall...	
----	--	*	*	*	----	*	----	*	...	----	----	Guadalupe ..	
----	--	----	--	----	*	*	----	*	----	----	----	St. Thomas ..	
----	--	----	--	----	----	*	----	*	----	----	----	Guadalupe ..	
----	--	----	--	----	*	----	----	*	*	----	----	Curaçoa.....	
----	--	*	--	----	----	*	----	*	----	----	----	Jamaica	
----	--	*	--	*	*	----	----	*	----	----	----	Yucatan.....	
...	--	*	--	*	----	*	*	*	----	----	----	Trinidad	
----	--	*	--	----	*	*	*	*	----	----	----	R. La Plata..	
*	*	*	*	----	*	*	...	*	----	----	----	Haiti.....	
----	--	----	--	----	*	*	----	*	----	----	----	Guadalupe ..	
...	--	*	--	----	----	*	...	*	----	----	----	Barbados....	
----	--	----	--	----	----	-	----	----	- -	...	----	.....	
*	*	*	*	----	----	----	----	----	----	----	----	Georgia	Pliocene.
----	--	----	--	----	*	*	----	*	----	----	----	Jamaica	
----	--	----	--	----	----	*	----	----	----	----	----	Charlotte H .	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus TELLIDORA Mörch.					
356	T. cristata Recluz					N. Carolina
	Genus STRIGILLA Turton.					
357	S. carnaria Linné					Hatteras
358	S. pisiformis Linné					Key West
359	S. flexuosa Say				0/30	Hatteras
	Genus LUTRICOLA Blainville.					
360	L. interstriata Say					Florida Keys
	Genus GASTRANELLA Verrill.					
361	G. tumida Verrill	59	8	4.0	4/22	Connecticut
	Family SEMELIDÆ.					
	Genus ABRA (Leach) Risso.					
362	A. longicallus Scacchi				50/1467	Arctic Sea
363	A. æqualis Say					Connecticut?
364	A. lioica Dall	4	8	8.1	14/660	Rhode Island
	Genus CUMINGIA Sowerby.					
365	C. tellinoides Conrad	56	14	18.0	0/30	Cape Cod
	Genus ERVILIA Turton.					
366	E. nitens Montagu					Tortugas
367	E. concentrica Gould				0/124	Hatteras
	Genus SEMELE Schumacher.					
368	S. reticulata Gmelin					Virginia
369	S. obliqua Wood					Cape Fear
370	S. cancellata Orbigny					Hatteras
371	S. nuculoides Conrad				9/124	Hatteras
	Family GNATHODONTIDÆ.					
	Genus GNATHODON Gray.					
372	G. cuneata Conrad					Gulf of Mex.
373	G. rostrata Petit					Gulf of Mex.
	Suborder MACTRACEA.					
	Family MACTRIDÆ.					
374	M. solidissima Dillwyn	57	2	150.0		Labrador
375	var. similis Say					Hatteras
376	M. brasiliana Lamarck					Hatteras
377	M. lateralis Say	69	8			N. Brunswick

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	....	*	*	....	*	....	....	....	Trinidad	Pliocene.
....	..	*	..	....	*	....	....	*	....	....	?	Trinidad	Pliocene.
....	..	....	..	....	*	....	....	*	....	....	....	Guadalupe ..	
....	..	*	*	....	*	*	....	*	....	....	....	Haiti	P. Pliocene.
....	..	....	..	....	*	*	....	*	*	....	....	Guadalupe ..	
....	..	*	..	....	....	....	....	....	....	....	?	C. Lookout..	
†	†	....	..	....	†	†	....	†	....	†	....	Grenada	Pliocene.
....	..	*	*	*	....	*	*	....	....	....	....	Gulf of Mex.	Miocene.
....	..	†*	..	....	†*	*	....	*†	....	....	....	Martinique..	
*	*	*	..	....	*	*	....	*	....	....	....	Guadalupe ..	Miocene.
....	..	....	..	....	*	....	....	*	....	....	....	Guadalupe ..	Pliocene.
....	..	†*	*	....	*	*	....	....	*	....	....	Key West ...	
....	*	*	..	....	*	*	*	*	*	....	....	Guadalupe ..	
....	..	*	..	....	*	*	....	*	....	....	....	Trinidad	
....	..	*†	..	....	*	*	....	*	*	....	....	Martinique ..	Pliocene.
....	..	*†	..	....	....	*	....	....	....	....	....	Tampa	Miocene.
....	..	....	..	....	....	*	*	....	....	....	....	W. Florida ..	Pliocen .
....	..	....	..	....	....	....	*	....	....	....	....	Texas	
*	..	*	..	....	....	....	....	....	....	....	....	Hatteras	Miocene.
....	..	*	*	*	*	*	*	?*	....	....	....	St. Thomas..	Pliocene.
....	..	*	*	*	*	*	*	*	....	....	....	Brazil	Pliocene.
*	*	*	*	*	*	*	*	....	....	....	....	Florida Str..	Miocene.

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus LABIOSA Schmidt.					
378	L. lineata Say					New Jersey
379	L. canaliculata Say					New Jersey
	Order ANOMALODESMACEA.					
	Suborder ANATINACEA.					
	Family ANATINIDÆ.					
	Genus THRACIA Blainv.					
380	T. Conradi Couthouy	69	9		$\frac{3}{15}$	Labrador
381	T. Stimpsoni Dall			65.0	28	
382	T. corbuloidea Blainville				$\frac{14}{30}$	Hatteras
383	T. distorta Montagu					Gulf of Mex.
384	T. phaseolina Lamarck					Britain
	Genus ASTHENOTHÆRUS Cpr.					
385	A. Hemphillii Dall			6.25	$\frac{2}{17}$	Gulf of Mex.
	Subgenus **Bushia** Dall.					
386	B. elegans Dall	39	1	12.5	$\frac{56}{76}$	Florida Str.
	Genus PERIPLOMA Schum.					
387	P. inæquivalvis Schumacher					Texas?
388	P. angulifera Philippi					Gulf of Mex.
389	P. tenera Jeffreys					Hatteras
390	P. fragilis Totten	59	7		$\frac{10}{100}$	Labrador
391	P. papyracea [Say] Conrad					Gulf of Mex.
	Subgenus **Cochlodesma** Couthouy.					
392	C. Leanum Conrad	59	6	32.5		Nova Scotia.
	Family LYONSIIDÆ.					
	Genus LYONSIA Turton.					
393	L. hyalina Conrad	59	11		$\frac{0}{30}$	Nova Scotia.
394	L. floridana Conrad				$\frac{2}{5}$	Gulf of Mex.
395	L. Beana Orbigny				$\frac{0}{30}$	Hatteras
396	L. formosa Jeffreys			10.0	$\frac{200}{600}$	N. Atlantic
397	L. ? arata Verrill	45 65	4, 5, 6 133–4		$\frac{71}{134}$	Rhode Island
	Genus LYONSIELLA M. Sars.					
398	*L. insculpta* Jeffreys	45	7, 8			Norway
399	*L. abyssicola* Sars					Norway

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	..	*	..	*	....	*	*	*	....	....	....	Cuba.....	
*	*	*	*	*	*	*	*	....	....	....	....	Gulf of Mex .	P. Pliocene.
*	..	*	..	....	....	....	....	....	....	....	....	Hatteras	P. Pliocene.
....	..	....	..	....	*	....	....	....	....	....	....	Tortugas	
....	..	*†	..	....	*	....	....	....	....	*	....	Key West ...	
....	..	....	..	....	....	*	*	*	....	*	....	Honduras ...	
....	..	....	..	....	*	....	†	†	....	*	....	Yucatan.....	
....	..	....	..	....	*	*	....	....	....	....	....	Marco, Fla ..	
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	....	....	?	*	....	....	....	Trinidad	
....	..	....	..	....	*	*	*	....	....	....	....	Honduras ...	
....	..	†	..	†	†	....	....	....	....	†	....	Florida Keys	
*	..	....	..	....	....	....	....	†	....	....	....	.....	
....	..	....	..	....	....	*?	....	....	....	....	....	Santa Cruz..	
*	..	*	..	....	....	....	....	....	....	....	....	Hatteras	Pliocene.
*	..	*	..	....	....	*	*	...	....	....	....	Texas	Miocene.
....	..	....	..	....	....	*	*	*	....	....	....	Nicaragua...	
....	..	*	..	....	*	*	....	....	....	....	?	Guadalupe ..	
....	..	....	..	....	†	....	....	†	....	†	....	Campeche...	
?	..	....	..	...	....	....	....	....	....	....	....	.....	
†	..	....	..	....	....	....	....	....	....	*	....	Rhode Isl'd ?.	
†	..	....	..	....	....	....	....	....	..	*	....	Rhode Island	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family VERTICORDIIDÆ.					
	Genus VERTICORDIA Wood.					
400	V. acuticostata Philippi				71/600	N. Atlantic
401	V. flexuosa Verrill	65	132		75/662	N. Atlantic
402	V. Woodii Smith				100/1060	Gulf of Mex.
403	V. granulifera Verrill			8.0	1423	Chesapeake
404	V. Seguenzæ Dall			5.0	124/640	Hatteras
405	V. perversa Dall	39	4	5.0	731	Cape Fear
	Subgenus **Trigonulina** Orbigny.					
406	T. ornata Orbigny	45 65	9, 9*a* 131	4.0	8/687	Rhode Island
	Section EUCIROA Dall.					
407	T. elegantissima Dall	2 39	1*a–b* 7	13.25 40.0	292/756	C. Canaveral.
	Subgenus **Haliris** Dall.					
408	H. Fischeriana Dall	2	4*a–b*	10.0	84/229	N. Atlantic
409	H. trapezoidea Seguenza				66/162	N. Atlantic
	Family CUSPIDARIIDÆ.					
	Genus CUSPIDARIA Nardo.					
	Subgenus **Cuspidaria** s. s.					
410	C. glacialis Sars				64/1467	Norway
411	C. rostrata Spengler				65/1639	Arctic Sea
412	C. microrhina Dall	40	2, 3	45.0	504/509	C. Canaveral.
413	C. Jeffreysi Dall	3	2	15.0	193/687	Florida Str.
414	C. obesa Loven	3	1	13.0	20/1290	Arctic Sea
415	C. ? arcuata Dall	3	3, 4	12.5	640	Gulf of Mex.
416	C. lamellosa M. Sars	45	3	7.3	50/582	Norway
	Subgenus **Cardiomya** A. Adams.					
417	C. perrostrata Dall	2	3*a–b*	8.0	84/416	Tortugas
418	C. costellata Deshayes				2/205	Hatteras
419	var. corpulenta Dall	3	9	14.0	220/785	Florida Str.
420	C. ornatissima Orbigny	41	21	9.5	2/124	Hatteras
421	C. striata Jeffreys	3 65	10 129	19.0	85/1450	Arctic Sea
	Subgenus **Liomya** A. Adams.					
	Section PLECTODON Cpr.					
422	L. granulata Dall	3	8	18.0	54/118	Cape Florida.
423	var. velvetina Dall			11.0	54/118	

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
---	--	----	--	†	†	†	----	†	----	†	†	Barbados....	Pliocene.
†	--	----	--	----	----	----	----	----	----	----	----	Rhode Isl'd..	
----	--	----	--	----	----	----	†	†	----	----	----	Brazil.....	
----	†	----	--	----	----	----	----	?†	----	----	----	.....	
----	--	†	--	----	----	----	†	†	----	----	----	Yucatan.....	
----	--	†	--	----	----	----	----	----	----	----	----	.....	
----	--	†*	--	----	*	----	----	†	----	----	*	Barbados....	
----	--	----	†	†	†	----	----	†	----	----	----	Cuba	
----	--	†	--	----	†	†	----	†	----	†	----	Barbados....	
----	--	†	†	----	----	----	----	----	----	†	----	Fernandina .	Pliocene.
†	†	----	--	----	----	†	----	----	----	†*	----	Gulf of Mex .	
----	--	----	--	----	†	†	----	†	----	†	----	Barbados....	
----	--	----	--	†	----	----	----	----	----	----	----	.....	
----	--	----	--	----	†	†	----	†	----	----	----	St. Vincent..	
†	†	----	--	...	†	----	----	†	----	†*	----	Barbados....	
----	--	----	--	----	----	----	†	†	----	----	----	Yucatan	
†	--	----	--	----	----	----	----	----	----	†*	----	Rhode Id	Pliocene.
----	--	----	--	----	†	†	----	†	----	----	----	Grenada	
---	--	*†	--	†	†*	†	----	*	----	*	----	St. Thomas..	
----	--	----	--	----	†	----	----	†	----	----	----	St. Vincent..	
----	--	†*	--	----	----	----	----	*	----	----	----	Guadalupe ..	
----	--	†	--	†	†	----	----	----	†	†	----	Florida Str..	
----	--	----	--	----	†	----	----	†	----	----	----	Barbados....	
----	--	----	--	----	†	----	----	†	----	----	----	Barbados....	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Section RHINOCLAMA D. & S.					
424	L. halimera Dall	----	------	10.0	731	Cape Fear
	Subgenus **Halonympha** D. & S.					
425	H. claviculata Dall	2	2, 2*a*	12.0	100/539	N. Atlantic
	Genus MYONERA Dall and Smith.					
426	M. paucistriata Dall	----	------	10.0	193/880	Cape Clear
427	M. undata Verrill	----	------	------	450/2221	Chesapeake
428	M. lamellifera Dall	3	7	12.5	84/250	Cedar Keys
429	M. limatula Dall	3	5	11.2	539	Florida Str
	Family POROMYIDÆ.					
	Genus POROMYA Forbes.					
430	P. granulata Nyst	----	------	------	15/300	Norway
431	var. rotundata Jeffreys	----	------	------	50/1450	N. Atlantic
432	P. neæroides Seguenza	----	------	------	100/286	N. Atlantic
433	P. sublevis Verrill	65	128	------	122/1636	Chesapeake
	Section CETOMYA Dall.					
434	P. elongata Dall	39	3	22.5	100/199	Gulf of Mex
435	P. tornata Jeffreys	----	------	------	1140/1735	N. Atlantic
436	P. albida Dall	----	------	21.5	98/731	Cape Fear
	Genus CETOCONCHA Dall.					
437	C. bulla Dall	65 39	130 2, 5	13.0	1917/1920	Chesapeake
438	C. margarita Dall	8	10	7.3	391/1019	Florida Keys
	Family PANDORIDÆ.					
	Genus PANDORA Hwass.					
	Subgenus **Clidiophora** Cpr.					
439	C. trilineata Say	----	------	------	6/18	C. Hatteras
440	C. Gouldiana Dall	59	14	25.0	0/30	Nova Scotia
441	C. carolinensis Bush	8	8, 8*a*	14.2	15/124	Hatteras
	Subgenus **Kennerlia** Cpr.					
442	K. glacialis Leach	----	------	------	30/120	Arctic Sea
443	K. Bushiana Dall	----	------	11.5	0/4	Tampa

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	--	†	--	....	....	....	....	....	....	....	....	.....	
....	--	....	--	....	†	....	....	†	†	....	....	Barbados....	
....	--	†	--	....	†	....	....	†	....	....	....	Tobago	
....	†	....	--	....	†	....	....	†	....	....	....	St. Vincent..	
....	--	....	--	....	†	†	....	†	....	....	....	Jamaica.....	
....	--	....	--	....	†	....	....	†	....	....	....	Cuba.....	
....	--	†	--	....	†	....	....	†	....	†*	....	Barbados....	Miocene.
....	--	†	†	....	....	....	....	†	....	†	....	Barbados....	
....	--	....	--	†	....	....	....	†	....	....	....	Barbados....	
....	†	....	--	....	....	....	....	....	....	....	†	Patagonia ..	
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
....	--	....	†	....	....	....	....	†	....	....	....	Grenada	
....	--	†	--	....	†	....	....	†	....	....	....	Cuba.....	
....	†	....	--	....	†	†	....	....	....	....	....	Gulf of Mex .	
....	--	....	--	....	†	....	....	†	....	....	....	Brazil.....	
....	--	*	--	....	....	*	*	....	....	....	....	Gulf of Mex .	
*	--	?*	--	....	....	....	....	....	....	....	....	N. Carolina?.	Pliocene.
....	--	*†	--	....	....	*	†	†	....	....	....	Yucatan	
....	--	†	--	....	†	....	....	....	....	*	*	Florida Str ..	
....	--	....	--	....	....	*	....	....	....	....	....	Charlotte H .	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Suborder MYACEA.					
	Family CORBULIDÆ.					
	Genus PARAMYA Conrad.					
444	P. subovata Conrad	....	.....	.....	$\frac{13}{31}$	Hatteras ....
	Genus BASTEROTIA Mayer.					
445	B. quadrata Hinds	1	2*a–b*	10.0	$\frac{6}{640}$	C. Lookout ..
	Genus CORBULA Bruguière.					
446	C. disparilis Orbigny	1	4*a–b*	.....	$\frac{5}{805}$	Hatteras ....
447	C. Krebsiana C. B. Adams	1	1*a–b*	6.1	$\frac{3}{85}$	Cape Florida.
448	C. contracta Say	1 59	6*a–b* 10	12.0	$\frac{3}{63}$	Cape Cod ...
449	C. Dietziana C. B. Adams	1	5*a–b*	10.7	$\frac{14}{100}$	Hatteras ....
450	C. Barrattiana C. B. Adams	2	7*a,b,c*	8.9	$\frac{2}{257}$	Hatteras ....
451	C. Cubaniana Orbigny	1	3*a,b,c*	12.7	$\frac{2}{100}$	Fla. Strait ..
452	C. Swiftiana C. B. Adams	2	5*a,b,c*	10.4	$\frac{7}{450}$	Hatteras ....
453	C. cymella Dall	1	7,7*a*	13.5	$\frac{68}{85}$	C. Florida...
454	C. nasuta Say	2	6*a, b, c, d*	8.5	$\frac{4}{63}$	Hatteras ....
	Family MYIDÆ.					
	Genus MYA Linné.					
455	M. arenaria Linné	49 55 69	9 2 2	75.0	$\frac{0}{40}$	Arctic Sea...
	Family SAXICAVIDÆ.					
	Genus SAXICAVA F. de B.					
456	S. arctica Linné	59	13	30.0	$\frac{0}{100}$	Arctic Sea...
457	S. azaria Dall	4	9*a–b*	25.0	.....	Charlotte H.
	Genus GLYCIMERIS Lamarck.					
458	G. reflexa Say	....	.....	.....	.....	Hatteras ....
	Suborder SOLENACEA.					
	Family SOLENIDÆ.					
	Genus SOLECURTUS Blainville.					
	Subgenus **Macha** Oken.					
459	M. sanctæ-marthæ Orbigny	....	.....	30.0	$\frac{15}{22}$	Hatteras ....
460	M. Cumingiana Dunker	....	.....	60.0	$\frac{14}{111}$	Hatteras ....
	Genus SILIQUA Megerle.					
461	S. costata Say	65 53	128*a* 3	.....	.....	Nova Scotia .

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
----	--	*	--	----	----	*	----	----	----	----	----	Tampa	Miocene.
----	--	*	--	----	*	----	*†	†	----	*	*	St. Thomas..	
----	--	*†	†	----	----	†	----	†	†	----	----	Barbados....	Pliocene.
----	--	----	--	----	†	----	----	*	----	----	----	Jamaica....	
*	*	*†	--	----	----	*	----	*	----	----	----	Jamaica.....	Pliocene.
----	--	*†	--	----	†	----	----	†*	----	----	----	Barbados....	
----	--	*†	--	----	*	*	----	†*	----	----	----	Jamaica.....	
----	--	----	--	----	†	----	----	*†	----	----	----	Jamaica.....	
----	--	*	--	----	†*	----	----	†*	----	----	----	Venezuela...	
----	--	----	--	----	†	----	----	----	----	----	----	Gordon Key .	
----	--	*†	--	----	*	*	----	*	----	----	----	Haiti	
*	*	*	--	----	----	----	----	----	----	*	*	S. Carolina..	Pliocene.
*	*	*	*	*	*	*	----	†	----	*	*	Barbados....	Miocene.
----	--	----	--	----	*	*	----	----	----	----	----	Gulf of Mex .	
----	--	*	--	----	----	*	----	----	----	----	----	Gulf of Mex .	Pliocene.
----	--	*	--	----	----	----	----	*	*	----	----	Rio Janeiro..	
----	--	*†	--	----	----	*†	*	----	----	----	----	Texas	
*	*	*	--	----	----	----	----	----	----	----	----	Hatteras	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus SOLEN Linné.					
	Subgenus **Ensis** Schumacher.					
462	E. americana Gould	53 55	4 4, 5		0 25	Labrador
463	E. viridis Say					Rhode Island
	Suborder ENSIPHONACEA.					
	Family GASTROCHÆNIDÆ.					
	Genus GASTROCHÆNA Spengler.					
464	G. ovata Sowerby			30.0	0 27	Charleston
465	G. cuneiformis Spengler			25.0	0 25	Cape Fear
466	G. Stimpsonii Tryon			16.0		Beaufort
	Subgenus **Spengleria** Tryon.					
467	S. rostrata Spengler					W. Florida
	Suborder ADESMACEA.					
	Family PHOLADIDÆ.					
	Genus PHOLAS Linné.					
468	P. Campechiensis Gmelin					Hatteras
	Subgenus Barnea Leach.					
469	B. costata Linné	68	9			Cape Cod
470	B. maritima Orbigny					Texas
471	B. truncata Say	59	12			Nahant
	Genus ZIRPHÆA Leach.					
472	Z. crispata Linné	68	10		0 70	Arctic Sea
473	Z. semicostata Lea ?				0 18	Cape Fear
	Genus XYLOPHAGA Turton.					
474	X. abyssorum Dall	9	7, 7*a*	4.0	226 1000	N. Atlantic
475	X. dorsalis Turton				32 2033	N. Atlantic
	Genus MARTESIA Leach.					
476	M. cuneiformis Say				0 12	Connecticut
477	M. striata Linné					Britain
478	M. corticaria Adams					Charlotte H.
	Section DIPLOTHYRA Tryon.					
479	M. Smithii Tryon					Staten Island

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	*	*	*	*	*	*	---	----	----	----	----	Florida Keys	
*	*	*	*	----	----	*	--	----	----	----	----	Sarasota	
----	--	*	--	----	*	*	---	*	----	---	*	St. Thomas ..	
----	--	*	--	--	*	*	----	*	*	----	----	Guadalupe ..	
----	--	*	--	--	----	----	----	--	----	----	----	----------	
----	--	----	--	----	*	*	----	*	----	----	----	St. Thomas ..	
---	--	*	*	*	*	*	*	*	----	----	----	Cent. America	Pliocene.
*		*	*	*	*	*	*	*	---	*	----	S. America...	Pliocene.
---		----	--	----	----	*	*	*	----	----	----	----------	
*	*	*	--	----	*	*	----	----	----	----	*	----------	
*	--	*	--	----	----	----	----	----	----	*	*	S. Carolina ?.	Pliocene.
----	--	*	--	--	----	----	----	----	----	----	----	S. Carolina ..	
†	--	----	--	----	----	----	----	†	----	----	----	St. Lucia....	
†	--	---	--	----	----	----	----	----	----	†*	----	Delaware ?..	
?	*	*	*	*	*	*	*	*	----	----	----	Trinidad	
----	--	----	--	----	*	*	*	*	*	*	?	N. Grenada..	
----	--	----	--	----	*	*	----	*	----	----	----	Guadalupe ..	
*	*	*	--	----	----	*	----	----	----	----	----	Manatee R...	

TABLE II. B.—*List of Pelecypoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family TEREDIDÆ.					
	Genus TEREDO Linné.					
480	T. norvegica Spengler	68	2	.....	.....	New York...
481	T. navalis Linné	55 59	6 2	.....	.....	Arctic Sea...
482	T. megotara Hanley	59 65	3 127	.....	.....	Arctic Sea...
483	T. Thomsoni Tryon	59	4	.....	.....	Cape Cod ...
484	T. dilatata Stimpson	68	1	.....	.....	Cape Ann...
	Subgenus **Lyrodes** Gould.					
485	L. chlorotica Gould	68	3	.....	.....	Mass. Bay ...
	Genus XYLOTRYA Leach.					
486	X. fimbriata Jeffreys	59	1	.....	.....	RhodeIsland
487	X. bipinnata Jeffreys	....	.....	.....	.....	N. Atlantic..

TABLE II. B.—*List of Pelecypoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time
*	..	....	..	....	....	*	....	....	....	*	....	Manatee	
*	..	....	..	....	....	*	*	....	....	*	....	Florida	
*†	*	*	..	....	....	....	....	....	....	*	....	S. Carolina ..	P. Pliocene.
*	..	....	..	....	*	*	....	....	....	....	....	?	
*	*	*	..	....	....	....	....	....	....	....	....	S. Carolina? .	
*	..	....	..	....	....	*	....	....	....	....	....	Gulf of Mex.	
*	*	*	*	....	*	*	*	....	....	*	*	Gulf of Mex.	
....	..	....	..	....	....	*	....	*	....	*	....	St. Vincent..	

TABLE III. C.—*List of Scaphopoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range
	Class SCAPHOPODA.					
	Order SOLENOCONCHIA.					
	Family DENTALIIDÆ.					
	Genus DENTALIUM Linné.					
1	D. agile Sars	....	.....	.....	400	Norway
2	D. perlongum Dall	27	6	80.0	$\frac{227}{1191}$	Hatteras
3	D. filum Sowerby	....	.....	.....	$\frac{17}{1093}$	Scotland
4	D. callipeplum Dall	27	12*b*	61.5	$\frac{16}{175}$	S. Carolina
5	D. matara Dall	....	.....	41.0	$\frac{16}{111}$	C. Lookout
6	D. leptum Bush	41	18*a*	31.5	$\frac{12}{82}$	Hatteras
7	D. antillarum Orbigny	....	.....	.....	$\frac{17}{1568}$	Nova Scotia
8	D. calamus Dall	....	.....	19.5	4	Turtle Harb
9	D. taphrium Dall	....	.....	17.0	$\frac{22}{182}$	Hatteras
10	D. candidum Jeffreys	46	16, 17	90.0	$\frac{410}{1750}$	N. Atlantic
11	D. sericatum Dall.	26	1	13.0	640	Gulf of Mex.
12	D. carduus Dall.	27	3	87.0	$\frac{116}{338}$	Florida Str.
13	D. disparile Orbigny	....	.....	.....	$\frac{2}{100}$	Tampa
14	D. ceratum Dall	26 27	5) 2)	30.0	$\frac{50}{1097}$	Gulf of Mex.
15	D. Gouldii Dall	26	4	28.0	$\frac{12}{140}$	S. Carolina
16	D. platamodes Watson	....	.....	.....	$\frac{330}{430}$	Florida Str.
17	D. ceras Watson	....	.....	.....	$\frac{109}{1568}$	Gulf of Mex.
18	D. capillosum Jeffreys	....	.....	.....	$\frac{119}{1600}$	N. Atlantic
19	D. laqueatum Verrill	27 46	1) 18)	45.0	$\frac{60}{200}$	Chesapeake
20	D. compressum Watson	....	.....	.....	$\frac{111}{800}$	Cedar Keys
21	D. ophiodon Dall	26	9	12.5	$\frac{100}{310}$	Gulf of Mex.
22	D. callithrix Dall	27	10	43.0	$\frac{161}{1591}$	Cape Fear
23	D. ensiculus Jeffreys	27	12	20.0	$\frac{340}{1785}$	N. Atlantic
24	D. teres Jeffreys	....	.....	9.0	$\frac{843}{1290}$	N. Atlantic
	Genus CADULUS Philippi.					
25	C. quadridentatus Dall	27	5	10.0	$\frac{7}{60}$	Hatteras
26	var.? incisus Bush	41	20	8.0	$\frac{7}{48}$	Hatteras
27	*C. cylindratus* Jeffreys	....	.....	7.3	$\frac{652}{1608}$	N. Atlantic
28	C. æqualis Dall	27	9	15.0	339	Tortugas
29	C. spectabilis Verrill	46	19	22.0	$\frac{464}{1594}$	Rhode Island
30	C. grandis Verrill	46	20	15.0	$\frac{843}{1467}$	Nantucket
31	C. poculum Dall	....	.....	13.2	$\frac{464}{640}$	Gulf of Mex.
32	C. Watsoni Dall	27	12*a*	13.0	$\frac{383}{1002}$	Gulf of Mex.
33	C Jeffreysi Monterosato	....	.....	5.0	$\frac{100}{843}$	N. Atlantic

TABLE III. C.—*List of Scaphopoda.*

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern. extreme range.	Range in time.
....	--	....	--	....	†	....	....	†	....	†	....	Florida Str..	
....	--	†	--	†	†	†	....	†	....	....	....	St. Vincent..	
....	--	†*	--	....	....	....	....	....	....	†	....	Cape Fear ..	Pliocene.
....	--	†	--	....	....	†	....	†	....	....	....	Grenada.....	
....	--	*	--	....	....	†*	....	*	....	....	....	Haiti	
....	--	*	--	....	*	*	....	....	....	....	....	C. Romano ..	
....	--	†	--	....	†	†	*	†	....	....	....	Barbados....	
....	--	....	--	....	*	...	....	....	....	....	....	Florida Str..	
....	--	*	--	....	†	*	....	†	....	....	....	Cuba.....	
†	†	†	--	....	....	....	....	....	....	....	....	Cape Fear...	
....	--	....	--	....	....	.. .	†	†	....	....	....	Yucatan.....	
....	--	....	--	†	....	....	*	†	....	....	....	Grenada	
....	--	....	--	....	*	*	....	*	....	....	....	Barbados....	
....	--	....	--	....	†	†	....	†	....	....	....	Barbados....	
....	--	*	--	....	†	....	....	*	....	....	....	Aspinwall...	
....	--	....	--	†	....	....	....	†	....	....	....	Culebra	
....	--	....	--	....	....	†	....	†	....	....	†	Martinique ..	
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
....	†	†	--	....	†	†	....	†	....	....	....	Grenada	
....	--	....	--	....	†	†	....	†	....	....	....	Culebra	
....	--	....	--	....	†	†	....	†	....	....	....	Barbados....	
....	--	†	--	....	†	†	....	†	....	....	....	Grenada.....	
†	†	....	†	....	†	....	....	†	....	†	....	Barbados....	
†	--	†	--	....	....	....	....	....	....	†	....	Hatteras	
....	--	*	*	....	....	*	....	....	....	....	....	West Florida	
....	--	*	--	....	....	....	....	....	....	....	....	.....	
?	--	....	--	....	....	....	....	....	....	†	....	Rhode Island	
....	--	....	--	....	†	....	....	....	....	....	....	Florida Str..	
†	†	....	--	....	....	....	....	†	....	....	....	St. Vincent ..	
†	--	†	--	....	....	....	....	....	....	....	....	Hatteras	
....	--	....	--	....	....	....	†	†	....	....	....	St. Vincent ..	
....	--	....	--	....	....	....	†	†	....	....	....	Old Provid'ce	
†	--	†	--	....	....	....	....	†	....	†	....	Barbados....	

TABLE III. C.—*List of Scaphopoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus CADULUS—Continued.					
34	C. carolinensis Bush	41	19	9.5	$\frac{15}{382}$	Hatteras
35	C. Agassizii Dall	27	12*c*	9.0	229	Florida Str.
36	C. Pandionis Verrili	64	126	.....	$\frac{17}{500}$	Rhode Island
37	C. lunula Dall	27	8	6.0	$\frac{18}{805}$	C. Lookout
38	C. obesus Watson	....	.....	.....	$\frac{220}{390}$	Florida Str.
39	C. amiantus Dall	27	7	5.75	$\frac{8}{1002}$	Cape Florida
40	C. cucurbita Dall	27	12*d*	4.0	$\frac{294}{310}$	Fernandina
41	C. gracilis Jeffreys	....	.....	.....	$\frac{600}{843}$	N. Atlantic
42	*C. acus* Dall	27	11	8.0	30	.....
43	C	....	.....	.....	731	Hatteras
44	C. minusculus Dall	....	.....	2.2	$\frac{63}{294}$	Hatteras

TABLE III. C.—*List of Scaphopoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
----	--	*	†	----	----	----	----	†	----	----	----	Old Provid'ce	
----	--	----	--	----	†	----	----	†	----	----	----	Cuba.....	
----	--	†	†	†	----	----	----	----	----	†	----	Florida Str..	
----	--	*	--	----	†	----	----	†	----	----	----	Barbados....	
----	--	----	--	----	†	----	----	†	----	----	----	St. Thomas..	
----	--	----	--	----	*	----	----	†	----	----	----	Cuba	
----	--	----	†	----	†	----	----	†	----	----	----	Florida Str..	
----	--	†	--	----	----	----	----	----	----	†	----	Hatteras	
----	--	----	--	----	----	----	----	†	----	----	----	Haiti	
----	--	†	†	----	----	----	----	----	----	----	----	Fernandina .	
----	--	†	†	----	----	----	----	----	----	----	----	Fernandina .	

TABLE IV. D.—*List of Pteropoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Order PTEROPODA.					
	Suborder THECOSOMATA.					
	Genus LIMACINA Cuvier.					
	Section HETEROFUSUS Fleming.					
1	L. trochiformis Soul	....	.....	1.0	Pelagic	N. lat. 42° ..
2	L. bulimoides Orb	....	.....	2.0	Pelagic	N. lat. 35° ..
3	L. Lesueuri Orb	....	.....	1.5	Pelagic	N. lat. 38° ..
4	*L. retroversa* Flem	....	.....	2.5	Pelagic	Arctic Sea
	Section LIMACINA s. s.					
5	L. helicina Phipps	48	14	3.0	Pelagic	Arctic Sea
	Subgenus **Embolus** Jeffreys.					
6	E. inflatus Orbigny	....	.....	1.5	Pelagic	N. lat. 42° ..
7	E. triacanthus Fischer	....	.....	4.5	Pelagic	N. lat. 38° ..
	Genus PERACLE Forbes.					
8	P. reticulata Orbigny	....	.....	4.0	Pelagic	N. lat. 37° ..
9	var. diversa Monterosato	....	.....	7.5	Pelagic	N. lat. 31° ..
10	*P.? helicoides* Jeffreys	....	.....	10.0	Pelagic	N. lat. 57° ..
	Family CAVOLINIIDÆ.					
	Genus CRESEIS Rang.					
11	C. virgula Rang	....	.....	6.0	Pelagic	N. lat. 41° ..
12	C. conica Eschscholtz	66	112	7.0	Pelagic	N. Atlantic
13	C. recta Blainville	66	118	25.0	Pelagic	N. lat. 48° ..
	Section BOASIA Dall.					
14	C. chierchiæ Boas	....	.....	2.5	Pelagic	N. lat. 31° ..
	Genus CLEODORA Pér. and Les.					
	Subgenus **Hyalocylix** Fol.					
15	H. striata Rang	66	119	6.0	Pelagic	N. lat. 39° ..
	Subgenus **Styliola.**					
16	S. subula Quoy & Gaimard	....	.....	10.0	Pelagic	N. lat. 41° ..
	Subgenus **Cleodora** s. s.					
17	C. pyramidata L	....	.....	15.0	Pelagic	Spitzbergen
18	C. cuspidata Bosc	....	.....	16.0	Pelagic	N. lat. 60° ..

TABLE IV. D.—*List of Pteropoda.*

N. J.	Va	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	*	*	*	*	*	----	----	*	*	*	?	S. lat. 28°	
----	*	*	*	*	*	----	----	*	*	*	?	S. lat. 48°	P. Pliocene.
*	*	*	*	*	*	----	----	*	*	*	*	S. lat. 36°	P. Pliocene.
?	---	---	---	---	---	---	---	---	---	*	---	N. lat. 40°	P. Pliocene.
?	---	---	---	---	---	---	---	---	---	*	*	N. lat. 35°	
*	---	---	*	---	---	*	---	*	*	*	*	S. lat. 40°	P. Pliocene.
---	---	---	*	---	---	---	---	*	*	*	---	N. lat. 18°	Pliocene.
*	---	---	*	*	*	*	---	*	*	*	?	S. lat. 9°	P. Pliocene.
---	---	---	*	*	*	---	---	*	*	*	---	N. lat. 28°	Pliocene.
---	---	---	?	---	---	---	---	---	---	*	---	N. lat. 31°	P. Pliocene.
*	*	*	*	*	*	*	---	*	*	*	*	S. lat. 35°	P. Pliocene.
*	*	*	*	---	---	---	---	---	---	*	*	Equator	P. Pliocene.
---	*	*	*	*	*	---	---	*	*	*	?	S. lat. 40°	P. Pliocene.
---	---	---	*	---	---	---	---	---	---	*	---	N. lat. 8°	
*	---	---	*	*	---	---	---	*	*	*	?	S. lat. 40°	P. Pliocene.
*	*	*	*	*	*	*	*	*	*	*	*	S. lat. 40°	P. Pliocene.
*	*	*	*	*	*	*	*	*	*	*	?	S. lat. 40°	P. Pliocene.
*	*	*	*	*	*	---	---	---	---	*	?	S. lat. 42°	P. Pliocene.

TABLE IV. D.—*List of Pteropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Section BALANTIUM Benson.					
19	C. recurva Children	....	.....	28.0	.....	N. lat. 40°..
20	C. falcata Pfeffer	....	.....	10.0	Pelagic	Davis Str..
	Genus CUVIERINA Boas.					
21	C. columnella Rang	66	117	12.0	Pelagic	N. lat. 43°..
	Genus CAVOLINIA Abild.					
	Section DIACRIA Gray.					
22	C. trispinosa Lesueur	66	115	11.0	Pelagic	N. lat. 60°..
22a	?C. Hargeri Verrill	....	.....	.....	.....	Geo. Bks...
	Section CAVOLINIA s. s.					
23	C. quadridentata Lesueur	....	.....	4.0	Pelagic	N. lat. 40°..
24	C. longirostris Lesueur	....	.....	7.0	Pelagic	N. lat. 47°..
25	C. gibbosa Rang	....	.....	11.0	Pelagic	N. lat. 43°..
26	C. tridentata Forskäl	66	113	18.0	Pelagic	N. lat. 40°..
27	C. uncinata Rang	66	116	7.0	Pelagic	N. lat. 40°..
28	C. inflexa Lesueur	...	.....	7.0	Pelagic	N. lat. 42°..
	Family CYMBULIIDÆ.					
	Genus COROLLA Dall.					
	(Cymbulicpsis Pelseneer.)					
29	*C. calceola* Verrill	66	120	45.0	Pelagic	N. lat. 40°..
	Suborder GYMNOSOMATA.					
	Family CLIONIDÆ.					
	Genus CLIONE Pallas.					
30	*C. limacina* Phipps	66 72	122 1	30.0	Pelagic	Arctic Sea.
	Family CLIOPSIDÆ.					
	Genus CLIOPSIS Troschel.					
31	C. grandis Boas	....	.....	25.0	Pelagic	N. lat. 40°..
	Genus NOTOBRANCHÆA Pels.					
32	N. Macdonaldi Pels	....	.....	12.0	Pelagic	N. lat. 39°..
	Family PNEUMODERMATIDÆ.					
	Genus PNEUMODERMON Cuvier.					
33	*P. violaceum* Orbigny	....	.....	10.0	Pelagic	N. lat. 45°..

TABLE IV. D.—*List of Pteropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	---	----	*	*	*	*	----	*	----	----	-----	S. lat. 33°	P. Pliocene.
?	---	----	?	----	-----	-----	?	-----	?	*	-----	Brazil	
*	*	*	*	*	*	*	*	*	*	*	?	S. lat. 40°	P. Pliocene.
----	*	*	*	*	*	*	----	*	*	*	*	S. lat. 40°	P. Pliocene.
----	---	*	---	*	-----	-----	----	*	----	----	-----	Bahamas	
*	*	*	*	*	*	-----	----	*	*	*	*	S. lat. 17° ...	P. Pliocene.
*	*	*	*	*	*	-----	----	*	*	*	?	S. lat. 40° ...	P. Pliocene.
*	*	*	*	*	*	-----	----	*	*	*	*	S. lat. 41° ...	P. Pliocene.
*	*	*	*	*	*	-----	----	*	*	*	*	S. lat. 40° ...	P. Pliocene.
*	---	----	*	*	*	*	----	*	----	*	*	S. lat. 40° ...	P. Pliocene.
*	--	----	*	*	*	*	----	*	*	*	*	S. lat. 42° ...	P. Pliocene.
*	---	----	---	----	-----	-----	----	-----	----	----	-----	-----------	
*	*	----	---	----	-----	-----	----	-----	----	*	*	N. lat. 37° ...	
*	*	*	---	----	-----	-----	----	-----	----	----	-----	China Sea...	
*	*	*	---	----	-----	-----	----	?	?	?	----	-----------	
*	---	----	---	----	-----	-----	----	-----	*	*	-----	S. lat. 15° ...	

TABLE V. E.—*List of Gastropoda.*

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Class GASTROPODA.					
	Subclass ANISOPLEURA.					
	Superorder EUTHYNEURA.					
	[**Order PTEROPODA.** *See* separate table.]					
	Order OPISTHOBRANCHIATA.					
	Suborder TECTIBRANCHIATA.					
	Family ACTÆONIDÆ.					
	Genus ACTÆON Montfort.					
1	A. exilis Jeffreys				150/466	N. Atlantic
2	A. pusillus Forbes				111/450	N. Atlantic
3	A. punctostriatus C. B. Adams	41 52	17 22		7/63	Cape Cod
4	A. Cumingi A. Adams					Cape Fear
5	A. delicatus Dall	17	5	10.0	73/400	Gulf of Mex.
6	A. melampoides Dall	17 46	2 15	6.0 8.0	310/2674	Virginia
7	A. perforatus Dall	18	3	7.75	339	Florida Str.
8	A. Danaida Dall	17	12	11.0	339	Tortugas
9	A. incisus Dall	17	1, 1*b*	9.0	204/640	Fernandina
	Genus OVULACTÆON Dall.					
10	O. Meekii Dall	33	3, 4	5.5	200/450	Fernandina
	Family RINGICULIDÆ.					
	Genus RINGICULA Deshayes.					
	Section RINGICULINA Monts.					
11	R. nitida Verrill	37	3	7.5	19/1078	Rhode Island
12	R. semistriata Orbigny				31/107	Hatteras
	Family TORNATINIDÆ.					
	Genus TORNATINA A. Adams.					
13	T. bullata Kiener					Florida Str.
14	T. recta Orbigny					Tampa
15	T. canaliculata Say	52	27	5.0	0/63	Cape Cod
16	T. Candei Orbigny	41	13		7/48	Hatteras
	Subgenus **Coleophysis** Fischer.					
17	C. perplicatus Dall			5.0	100/220	Florida Str.
18	C. eburneus Verrill	46	14	6.0	10/70	Hatteras

TABLE V. E.—*List of Gastropoda.*

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
†	--	....	--	†	....	....	....	†	....	†	....	Campeche....	Pliocene.
....	--	....	--	....	†	†	....	†	....	†	....	Havana.....	
....	--	†*	--	*	*	*	....	*	....	....	....	Haiti	P. Pliocene.
....	--	....	--	....	*	....	....	*	....	....	....	Rio	
....	--	....	--	....	†	*	....	†	....	....	....	Barbados....	
....	†	†	--	....	†	....	....	†	....	....	....	Cuba.....	
....	--	....	--	....	†	....	....	†	....	....	....	Cuba.....	
....	--	....	--	....	†	....	....	†	....	....	....	Cuba.....	
....	--	....	†	....	....	....	†	†	....	....	....	Yucatan.....	
....	--	....	†	....	....	....	....	†	....	....	....	Bahamas	
....	--	....	†	....	*†	†	....	†	†	†	....	Brazil.....	Pliocene.
....	--	†	--	....	....	....	....	*	....	....	....	Jamaica	
....	--	....	--	....	*	....	....	*	....	....	....	Trinidad	
....	--	....	--	....	*	*	....	*	....	....	....	Jamaica	
*	--	*	*	*	*	*	....	*	....	....	....	Haiti	Pliocene.
....	--	*	--	....	*	*	....	*	....	....	....	Martinique..	
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
....	--	†	--	*	*	....	....	....	....	....	....	Florida Keys	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus **Cylichnella** Gabb.					
19	C. bidentata Orbigny	41	14	.....	7/168	Hatteras
20	C. oryza Totten	52	23	3.07	.....	Cape Cod
	Genus UTRICULUS Brown.					
21	U. Frielei Dall	17	4	8.2	100/640	Gulf of Mex.
22	U. vortex Dall	17 44	3 15	7.5 10.0	266/539	Rhode Island
23	*U. domitus* Dall	17	8	9.0	382/1591	.....
	Subgenus **Retusa** Brown.					
24	R. Gouldii Couthouy	72	7	3.0	5/22	Maine
25	R. pertenuis Mighels	52 72	25, 26 6	2.7	10/294	Norway
26	R. sulcata Orbigny	.....	.....	.....	14/31	Hatteras
27	R. ovata Jeffreys	.....	.....	.....	37/1000	N. Atlantic
28	R. obesiuscula Brugnone	.....	.....	.....	63/168	Rhode Island
29	R. cælata Bush	41	15	3.0	15/294	Hatteras
	Genus VOLVULA A. Adams.					
30	V. acuta Orbigny	41	11	2.5	15/63	Hatteras
31	V. oxytata Bush	41	12	4.0	5/63	Hatteras
32	V. Bushii Dall	.....	.....	4.6	124	Hatteras
33	V. aspinosa Dall	.....	.....	4.0	18/200	Hatteras
	Family SCAPHANDRIDÆ.					
	Genus SCAPHANDER Montfort.					
34	S. punctostriatus Mighels	72	4	.....	46/1467	Norway
35	S. Watsonii Dall	17	10	8.75	54/324	Hatteras
36	S. nobilis Verrill	64	106	35.0	1209/1639	Delaware B.
	Subgenus **Sabatia** Bellardi.					
37	S. bathymophila Dall	17	9, 9b	16.5	294/1268	Fernandina
	Genus ATYS Montfort.					
38	A. Saundersoni Dall	17	7	6.5	8/805	Hatteras
39	A. caribæa Orbigny	.....	.....	.....	15/100	Hatteras
	Genus CYLICHNA Lovèn.					
40	C. Verrillii Dall	.....	.....	7.5	31/294	Hatteras
41	C. alba Brown	52	21	.....	.....	Arctic Sea
	Genus DIAPHANA Brown.					
42	D. debilis Gould	52	24	3.5	6/50	Arctic Sea

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*†	..	....	*	*	*	*†	....	....	....	Barbados....	Pliocene.
*	*	*	..	....	....	....	....	....	....	....	....	Charleston ..	P. Pliocene.
....	..	....	..	....	....	....	†	†	....	...	....	Barbados....	
?	..	....	..	†	†	....	....	†	...	....	....	Cuba.....	
....	..	....	..	....	....	....	....	†	....	....	....	Guadalupe ..	
?	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
*	..	....	†	....	....	....	....	....	....	*	....	Fernandina .	
..	..	*	..	....	....	....	....	*	....	....	....	Guadalupe ..	
....	..	†	..	†	*	....	....	*†	....	*†	....	Brazil	
†	..	†	..	....	....	....	....	....	....	†	....	Hatteras	Pliocene.
..	..	†*	†	....	....	....	....	....	....	....	....	Fernandina .	
....	..	*†	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	†*	..	....	....	....	....	?	....	*	....	Cape Fear...	
....	..	†	..	...	....	....	....	....	....	....	....	.....	
....	..	*†	†	†	....	....	....	....	....	....	....	Florida Str..	
†	†	†	†	†	†	†	....	†	....	†	....	Barbados....	
....	..	†	..	....	†	†	....	†	....	....	....	Barbados....	
†	†	....	..	....	....	†	....	†	....	....	....	Jamaica.....	? Miocene.
....	..	....	†'	...	....	†	†	†	....	....	....	Guadalupe ..	
....	..	*	..	....	*†	....	....	*	....	....	....	Santa Cruz ..	
....	..	*	..	..	....	....	....	†	....	...	....	Barbados....	
....	..	†*	†	....	...	....	....	....	....	....	....	Fernandina .	
?*	..	....	..	....	....	....	....	?	....	*	*	St. Thomas?.	P. Pliocene.
*	..	....	..	....	....	....	....	....	....	*	....	....	P. Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or L'n.	Range in depth.	Northern extreme range.
	Family APLUSTRIDÆ.					
	Genus APLUSTRUM Schum.					
	Subgenus **Hydatina** Schum.					
43	H. physis Linné	....	.....	.....	.....	Sarasota
	Subgenus **Bullina** Férussac.					
44	B. undata Bruguière	....	.....	.....	.....	Florida Keys.
	Family BULLIDÆ.					
	Genus BULLA Linné.					
45	B. striata Bruguière	....	.....	.....	.....	Texas
46	B. solida Gmelin	....	.....	.....	.....	Florida Keys.
47	B. occidentalis A. Adams	....	.....	.....	.....	Tampa
48	B. eburnea Dall	17	6	7.25	$\frac{107}{339}$	Hatteras
49	B. abyssicola Dall	17	11	12.7	$\frac{339}{1181}$	Ireland
	Genus HAMINEA Leach.					
50	H. succinea Conrad	....	.....	.....	$\frac{0}{170}$	Texas
51	H. solitaria Say	52	20	10.0	.....	Mass. Bay
52	H. antillarum Orbigny	....	.....	.....	.....	Tampa
53	H. Guildingi Swainson	....	.....	.....	.....	Texas
54	H. Petitii Orbigny	....	.....	.....	.....	Tampa
	Genus CYLINDROBULLA Fischer.					
55	C. Beaui Fischer	....	.....	.....	$\frac{2}{95}$	Cedar Keys.
	Family PHILINIDÆ.					
	Genus PHILINE Ascanius.					
56	P. sagra Orbigny	41	16,16*a*	.....	$\frac{3}{30}$	Hatteras
57	P. infundibulum Dall	....	.....	12.0	$\frac{118}{372}$	Florida Str.
58	P. sinuata Stimpson	72	2	.....	.....	Norway
59	P. amabilis Verrill	....	.....	.....	$\frac{130}{186}$	Rhode Island
60	P. ———	....	.....	.....	$\frac{107}{168}$	Hatteras
61	P. flexuosa Sars	....	.....	.....	.....	Norway
	Family GASTROPTERIDÆ.					
	Genus GASTROPTERON Meckel.					
62	G. Meckelii? Kosse	....	.....	.....	.....	Mediterran'n.
	Family UMBRACULIDÆ.					
	Genus UMBRACULUM Schum.					
63	U. bermudense Mörch	14	9,10	10.0	.....	Bermuda

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	*	*	....	*	*	....	....	Guadalupe ..	
....	..	....	..	....	*	....	....	*	....	....	....	Tortola	
....	..	....	..	*	*	*	*	*	*	....	....	Barbados....	Pliocene.
....	..	....	..	....	*	....	*	*	....	....	....	Barbados....	
....	..	....	..	....	*	*	....	*	*	....	....	St. Vincent..	
....	..	†	†	....	†	....	....	†	....	....	....	Cuba.....	
....	..	....	..	†	†	†	....	†	....	†	....	Santa Cruz..	
....	..	....	..	....	*	*	*	†	....	....	....	Grenada.....	
....	..	*	*	....	....	....	....	....	....	....	....	Georgia	
....	..	....	..	....	*	*	....	*	....	....	....	Guadalupe ..	
....	..	....	..	....	*	*	*	*	....	....	....	Rio Janeiro .	
....	..	....	..	....	?	*	....	*	....	....	....	St. Thomas..	
....	..	....	..	....	*	†	....	*	....	....	....	Guadalupe ..	
....	..	*	..	....	....	....	....	*	....	....	....	Martinique ..	
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	....	....	*	....	Marco.	
†	..	....	..	....	....	....	....	....	....	....	....	Delaware....	
....	..	†	..	....	....	....	....	....	....	....	....	C. Lookout..	
....	..	....	..	....	....	....	†	†	....	†	....	Yucatan.....	
....	..	....	..	†	....	....	....	†	....	†	....	Guadalupe ..	
....	..	....	..	....	*	....	....	*	*	....	....	Florida Str..	Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus HYALOPATINA Dall.					
64	H. Rushii Dall	----	------	9.3	------	Florida Str..
	Superfamily ANASPIDEA.					
	Family APLYSIIDÆ.					
	Genus APLYSIA Linné.					
65	A. protea Rang	----	------	------	------	St. Augustine
66	A. Willcoxii Heilprin	----	------	200.0	------	Gasparilla...
	Superfamily NOTASPIDEA.					
	Family PLEUROBRANCHIDÆ.					
	Genus PLEUROBRANCHUS Cuvier.					
67	*P. americanus* Verrill	46	13	13.5	250	Rhode Island
	Genus PLEUROBRANCHÆA Meckel.					
68	P. tarda Verrill	----	------	------	$\frac{28}{640}$	Rhode Island
	Genus KOONSIA Verrill.					
69	K. obesa Verrill	43	7	128.0	$\frac{192}{312}$	Rhode Island
	Order NUDIBRANCHIATA. [Omitted.]					
	Order PULMONATA.					
	Suborder STYLOMMATOPHORA.					
	Superfamily DITREMATA.					
	Family ONCHIDIIDÆ.					
	Genus ONCHIDIUM Cuvier.					
70	O. floridanum Dall	----	------	------	------	Knight's Key
	Family VERONICELLIDÆ.					
	Genus VERONICELLA Blainville.					
71	V. floridana Binney	----	------	56.0	------	Charlotte H.
	Suborder BASOMMATOPHORA.					
	Superfamily AKTEOPHILA.					
	Family AURICULIDÆ.					
	Subfamily AURICULINÆ.					
	Genus AURICULA Lam.					
	Subgenus **Auriculastrum** Fischer.					
72	A. pellucens Menke	47	8	16.0	------	Cedar Keys..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	*	....	....	....	*.	....	....	....	Bahamas	
....	..	....	*	....	*	*	....	*	*	....	....	N. Grenada ..	
....	..	....	..	....	....	*	....	....	....	....	....	.....	
?†	..	....	..	....	....	....	....	....	....	....	....	.....	
*†	†	....	..	....	....	....	....	....	....	....	....	Chesapeake .	
*†	..	....	..	....	....	....	....	....	....	....	....	Delaware ...	
....	..	....	..	....	*	....	....	....	?	....	....	Florida Keys.	
...	..	....	..	....	*	*	....	....	....	....	....	Florida Keys.	
....	..	....	..	....	*	*	....	*	....	....	....	Demerara ...	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus TRALIA Gray.					
73	T. pusilla Gmelin	47	5	21.0		Cedar Keys.
74	T. minuscula Dall					Tampa
	Subgenus **Alexia** Gray.					
75	A. myosotis Draparnaud	52	9			England
	Subfamily MELAMPINÆ.					
	Genus PEDIPES (Adans.) Blainv.					
76	P. mirabilis Muhlfeldt	47	17	3.6		Tampa
77	P. elongatus Dall	47	4	4.0		Marco, Fla.
	Genus MELAMPUS Mtf.					
78	M. coffeus Linné	47	3			Cedar Keys.
79	M. floridanus Shuttleworth	47	2			Tampa
80	M. flavus Gmelin	47	1	12.0		Cedar Keys.
81	M. lineatus Say	47	9, 12			Mass. Bay.
	Subgenus **Leuconia** Gray.					
82	L. bidentata Montagu	47	13			Shetland
	Subgenus **Detracia** Gray.					
83	D. bulloides Montagu	47	7	11, 0		Cedar Keys.
	Subgenus **Sayella** Dall.					
84	S. Hemphillii Dall	47	11	3.7		Cedar Keys.
85	S. Crosseana Dall	47	10	2.5		Egmont Key.
86	S. ——					Tampa
	Genus BLAUNERIA Shuttlew.					
87	B. heteroclita Montagu	47	14			Tampa
	Superfamily PETROPHILA.					
	Family SIPHONARIIDÆ.					
	Genus SIPHONARIA Sby.					
	Subgenus **Siphonaria** s. s.					
88	S. alternata Say					Bermuda
89	S. lineolata Orbigny					Fernandina
	Subgenus **Williamia** Monterosato.					
90	W. Krebsii Mörch					Turtle Harb.
	Family GADINIIDÆ.					
	Genus GADINIA Gray.					
91	*G. carinata* Dall					Cuba

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	*	*	....	*	*	....	....	Guadalupe ..	
....	..	....	..	....	*	*	....	*	....	....	....	Bahamas	
*	..	*	..	...	....	*	....	*	....	*	*	Jamaica	
....	..	....	..	....	*	*	....	*	*	....	....	Guadalupe ..	
....	..	....	..	...	*	....	....	....	....	....	....	.....	
....	..	....	..	....	*	*	*	*	....	....	....	Cayenne	P. Pliocene.
....	..	....	..	...	*	*	....	....	....	....	....	Florida Keys	
....	..	....	..	....	*	*	....	*	....	....	*	Guadalupe ..	
*	*	*	*	*	*	*	*	*	....	....	....	Tortola	
?	..	?	..	....	....	....	....	....	....	*	....	S. Carolina ?.	
....	..	....	..	....	*	*	....	*	....	....	....	Antilles	
....	..	....	..	....	....	*	....	....	....	....	....	.....	
....	..	....	..	....	....	*	....	*	....	....	....	Bahamas	
....	..	....	..	...	....	*	...	*	....	....	....	Bahamas	
....	..	....	..	....	*	*	....	*	....	*	....	Porto Rico ..	
....	..	....	..	*	*	..	....	....	*	....	....	Florida Keys	
....	..	....	*	*	*	....	*	*	....	?	....	Brazil.....	
....	..	....	..	....	*	*	....	*	....	....	....	Barbados....	
....	..	....	..	....	?	....	....	*	*	....	....	Colon	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Superorder STREPTONEURA.					
	Order CTENOBRANCHIATA.					
	Suborder ORTHODONTA.					
	Superfamily TOXOGLOSSA.					
	Family TEREBRIDÆ.					
	Genus TEREBRA Bruguière.					
	Section HASTULA H. & A. Adams.					
92	T. hastata Gmelin	....	.....	.....	.....	Key West...
93	T. cinerea Gmelin	....	.....	.....	.....	Texas.....
	Section SUBULA Schumacher.					
94	T. floridana Dall	....	.....	70.0	$\frac{45}{56}$	Key West...
	Section ACUS H. & A. Adams.					
95	T. dislocata Say	....	....	57.0	.....	Maryland...
96	T. concava Say	....	.....	19.0	.....	Hatteras....
97	var. vinosa Dall	....	.....	18.0	.....	Hatteras....
98	T. protexta Conrad	....	.....	21.2	$\frac{3}{48}$	Hatteras....
99	var. lutescens Smith	....	.....	15.5	.....	Cape Fear...
100	T. nassula Dall	36	8	55.0	$\frac{84}{640}$	Gulf of Mex.
101	T. limatula Dall	....	.....	18.0	$\frac{22}{200}$	C. Lookout..
102	T. benthalis Dall	29	6	21.0	$\frac{100}{400}$	Fernandina .
103	T. Rushii Dall	....	.....	15.0	8	Florida Keys
	Family CONIDÆ.					
	Genus CONUS Linné.					
104	C. proteus Hwass	....	.....	.....	$\frac{10}{20}$	Gulf of Mex.
105	C. centurio Born	....	.....	.....	$\frac{25}{38}$	Cedar Keys..
106	C. Delessertii Recluz	....	.....	51.0	$\frac{22}{63}$	Hatteras....
107	C. flavescens Gray	....	.....	.....	$\frac{15}{170}$	Hatteras....
108	C. floridanus Gabb	....	.....	.....	.....	Hatteras....
109	C. Agassizii Dall	9	8, 8*a*	30.0	$\frac{10}{115}$	Bermuda....
110	C. Pealii Green	....	.....	.....	$\frac{9}{8}$	Hatteras....
111	C. pygmæus Reeve	....	....	.....	.....	Magill Bay..
112	C. verrucosus Hwass	....	.....	.....	.....	Florida Keys
113	C. mus Hwass	....	.....	.....	$\frac{9}{8}$	Jupiter Inlet
114	C. amphiurgus Dall	....	.....	.....	26	Gulf of Mex.

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	*	....	....	*	*	....	....	Tortola	
....	..	....	..	....	....	....	*	*	....	....	....	Barbados....	
....	..	....	..	....	†*	....	....	....	....	....	....	Florida Str..	
....	..	*	*	*	*	*	*	*	....	....	....	Venezuela ...	Pliocene.
....	..	*	*	....	....	....	....	....	....	....	....	Georgia	Pliocene.
....	..	*	*	....	....	*	....	....	....	....	....	W. Florida ..	
....	..	*	*	*	....	*	*	....	....	....	....	Texas	Pliocene.
....	..	*	..	....	....	*	....	....	....	....	....	W. Florida ..	
....	..	....	..	....	....	†	....	†	....	....	....	Martinique ..	
....	..	*	..	†	†	†	....	†	....	....	....	Barbados....	
....	..	....	..	†	†	....	....	?	....	....	....	Havana	
....	..	....	..	....	*	....	....	....	....	....	....	Cape Florida.	
....	..	....	..	*	*	*	....	*	....	....	....	Venezuela ...	Pliocene.
....	..	....	..	....	....	*	....	*	....	....	....	Santa Cruz ..	
....	..	†*	..	....	*	*†	....	....	....	*	....	Florida Keys	
....	..	†	..	....	*	*	....	†*	....	....	....	Barbados....	Pliocene.
....	..	*	..	*	*	*	....	....	....	....	....	Florida Keys	Pliocene.
....	..	....	..	....	....	....	....	†	*	....	....	Barbados....	
....	..	*	..	....	*	*	....	*	....	....	....	Darien	Pliocene.
....	..	....	..	....	*	*	....	*	....	....	....	Tobago.....	Pliocene.
....	..	....	..	....	*		....	*	*	....	....	Brazil.....	
....	..	....	..	*	*	....	....	*	*	....	....	Swan Islands	
....	..	....	..	....	?	....	*	....	....	....	....	Yucatan.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family PLEUROTOMIDÆ.					
	Genus PLEUROTOMA Lamarck.					
	Subgenus **Pleurotoma** s. s.					
115	P. albida Perry	....	.....	.....	26/100	Cedar Keys..
116	var. tellea Dall	....	.....	100.0	60/111	W. Florida..
117	var. vibex Dall	....	.....	19.0	80/150	Florida Keys
118	P. periscelida Dall	32	2	40.0	107/125	Hatteras ....
	Subgenus **Leucosyrinx** Dall.					
119	L. Verrillii Dall	10	5	36.0	150/940	Cape Fear...
120	L. Sigsbeei Dall	11	10	25.5	1591	Gulf of Mex
121	L. tenoceras Dall	36	5	60.0	478/724	Cape Fear...
122	L. subgrundifera Dall	38	1	30.0	528/940	Cape Fear...
	Subgenus **Ancistrosyrinx** Dall.					
123	A. elegans Dall	38	3	27.0	805	Florida Reefs
124	A. radiata Dall	12	12	18.0	73/640	Cedar Keys..
	Subgenus **Genota** Adams.					
125	G. mitrella Dall	12	5	12.5	294/640	Fernandina .
	Section DOLICHOTOMA Bellardi.					
126	G. viabrunnea Dall	13	2	38.0	180/357	South Cuba .
	Genus DRILLIA Gray.					
127	D. ostrearum Stearns	....	.....	.....	15/170	Hatteras ....
128	D. albicoma Dall	10	8	25.7	84/804	Gulf of Mex.
129	D. detecta Dall	12	11	11.7	339/390	Gulf of Mex.
130	D. alesidota Dall	....	.....	48.0	63/107	Hatteras ....
131	var. macilenta Dall	36	1	36.0	95/111	Cape Fear...
132	D. polytorta Dall	10	6	33.5	413	Gulf of Mex.
133	*D. eucosmia* Dall	13	1	19.0	170	.....
134	var. canna Dall	....	.....	15.2	50/52	C. Lookout..
135	*D. Harfordiana* Reeve	....	.....	.....	.....	Vera Cruz.
136	D. ———	....	.....	.....	.....	Florida Keys
137	D. ebenina Dall	....	.....	.....	.....	Tortugas ....
138	D. leucocyma Dall	48	7	7.5	.....	Sarasota ....
139	D. albinodata Reeve	....	.....	.....	.....	Charlotte H.
140	D. haliostrephis Dall	13	3	20.0	84	Gulf of Mex.
141	D. acestra Dall	10	7	19.0	161/410	Gulf of Mex.
142	D. pharcida Dall	12	2	9.5	150/1002	East Florida.
143	D. acrybia Dall	....	.....	10.0	136/294	Fernandina .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	--	....	--	....	....	†*	....	†*	....	....	....	Barbados....	Miocene.
....	--	....	--	....	....	†	....	....	....	....	....	W. Florida ..	
....	--	....	--	....	†	....	....	†	....	....	....	Saba, W. Ind.	
....	--	†	--	....	....	....	....	†	....	....	....	Monosquillo.	
....	--	†	--	....	....	†	....	†	....	..	....	Guadalupe ..	
....	--	....	--	....	....	....	†	†	....	....	....	Bequia.....	
....	--	†	--	....	....	†	....	†	....	....	....	Guadalupe ..	
....	--	†	--	†	....	†	....	†	....	....	....	St. Kitt's....	
....	--	....	--	....	†	....	....	†	....	....	....	Cuba.....	
....	--	....	--	....	†	*	....	†	....	....	....	Barbados....	
....	--	....	†	....	....	....	....	†	....	....	....	Yucatan.....	
....	--	....	--	....	....	....	....	†	....	....	....	Barbados....	
....	--	*	--	....	*	*	....	†	....	....	....	Grenada.....	
....	--	....	--	....	....	†	....	†	....	....	....	Barbados....	
....	--	....	--	....	....	†	....	†	....	....	....	Culebra	
....	--	†	--	....	....	†	....	....	....	....	....	Gulf of Mex .	Pliocene.
....	--	†	--	....	....	†	....	†	....	....	....	Barbados....	
....	--	....	--	....	....	....	....	†	....	....	....	Yucatan.....	
....	--	....	--	....	....	....	....	†	....	....	....	Grenada....	
....	--	†	--	....	....	†	....	†	....	....	....	Grenada.....	
....	--	....	--	....	....	....	?	*	....	....	....	Yucatan	
....	--	....	--	....	*	....	....	*	....	....	....	Costa Rica ..	
....	--	....	--	....	*	....	....	....	....	....	....	Vera Cruz...	Pliocene.
....	--	....	--	....	*	*	....	....	....	....	....	Yucatan	Pliocene.
....	--	....	--	....	*	*	....	*	....	....	....	St. Domingo.	
....	--	....	--	....	*	†	....	....	....	....	....	Gulf of Mex.	
....	--	....	--	....	....	†	....	*	....	....	....	Grenada	
....	--	....	--	†	†*	†	....	†	....	....	....	Barbados....	
....	--	....	†	†	....	....	....	....	....	....	....	East Florida	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
144	Drillia tristicha Dall	....	.....	23.0	111/210	Cedar Keys..
145	D. ebur Reeve	....	.....	.....	14/60	Hatteras ....
146	D. fucata Reeve	....	.....	.....	14/60	Cape Fear...
147	var. paria Reeve	....	.....	.....	14/50	Cape Fear...
148	D. pagodula Dall	13	6	18.0	50/154	Florida Str..
149	var. pentagonalis Dall	....	.....	7.0	49	Hatteras ....
150	D. thea Dall	48	1	15.0	3/15	Hatteras ....
151	var. carminura Dall	....	.....	11.5	100/111	Gulf of Mex.
152	D. Simpsoni Dall	....	.....	.....	5/18	Hatteras ....
153	D. lissotropis Dall	11	3,4	7.0	73/248	Gulf of Mex.
154	D. Dalli Verrill	60	66, *a*	19.5	94/146	Rhode Island
155	var. acloneta Dall	....	.....	.....	170/294	Georgia .....
156	var. cestrota Dall	....	.....	.....	196	Cedar Keys..
157	D. nucleata Dall	11	1	13.5	54/464	Cape Florida
158	D. Verrillii Dall	11	2	5.5	220/310	Gulf of Mex.
159	D. havanensis Dall	11	5	9.0	262/640	Florida Keys
160	D. premorra Dall	11	18	9.5	100/400	Fernandina .
161	D. oleacina Dall	11	8	10.0	287/340	Florida Str..
162	D. smirna Dall	11	7	15.0	383/413	Florida Str..
163	D. lithocolleta Watson	11	6	12.5	407/769	Hatteras ....
	Section CYMATOSYRINX Dall.					
164	D. centimata Dall	36	9	22.5	731/1920	Hatteras ....
165	D. æpynota Dall	36	10	15.0	25/120	Hatteras ....
166	D. Moseri Dall	36	3	30.0	3/50	Hatteras ....
167	D. ———	....	.....	.....	15	Florida Keys
168	D. ———	....	.....	.....	294/465	Georgia .....
169	D. ———	....	.....	.....	294	Georgia .....
	Genus BORSONIA Bellardi.					
	Subgenus Cordieria Rouault.					
170	*C. Rouaultii* Dall	36	11	13.6	100	.....
	Genus BELA Gray.					
171	B. subvitrea Verrill	....	.....	13.5	843	Hatteras ....
172	B. tenuicostata G. O. Sars	....	.....	.....	843/1290	Norway .....
173	B. ———	....	.....	.....	465	Florida Str..
174	B. Blakei Verrill	....	.....	16.0	2021	Chesapeake .
175	B. ———	....	.....	.....	124	Hatteras ....
176	B. harpularia Couthouy	50	17	17.0	10/368	Nova Scotia .
177	B. ———	....	.....	.....	63/168	Hatteras ....
178	B. Rathbuni Verrill	....	.....	27.0	1395	Hatteras ....

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	....	†	....	....	....	....	....	Gulf of Mex.	
....	..	*	*	....	†	†	...	†	....	....	....	Sombrero ...	
....	..	*	..	....	....	....	....	†	....	....	....	St. Thomas..	
....	..	*	..	....	....	....	....	†	....	....	....	Trinidad	
....	..	....	..	....	†	†	....	†	....	....	....	Barbados....	
....	..	†	..	....	*	....	....	....	....	....	....	Florida Keys	
....	..	*	*	....	*	*	....	....	....	....	....	Florida Keys	
....	..	....	..	....	....	†	....	†	....	....	....	Barbados....	
....	..	*	..	....	....	*	....	....	....	....	....	Tampa	
....	..	....	..	....	†	†	....	†	....	....	....	Barbados....	
†	..	....	†	†	....	....	....	....	....	....	....	Georgia	
....	..	....	†	....	....	....	....	†	....	....	....	Martinique..	
....	..	....	..	....	....	†	....	....	....	....	....	Gulf of Mex.	
....	..	....	..	....	†	....	....	†	....	....	....	Sombrero ...	
....	..	....	..	....	....	†	....	....	....	....	....	W. Florida ..	
....	..	....	..	....	†	....	....	†	....	....	....	Yucatan	
....	..	....	†	....	†	....	....	†	....	....	....	Havana	
....	..	....	..	....	†	....	....	†	....	....	....	Grenada	
....	..	....	..	....	†	....	....	†	...	....	....	Old Provid ..	
....	..	†	..	....	....	†	....	....	....	....	....	Cedar Keys..	
....	..	†	..	....	....	†	....	....	....	....	....	Cedar Keys..	
....	..	†	..	....	....	....	....	....	....	....	....	N. Carolina..	
....	..	†	..	....	*	*	....	....	....	....	....	Florida Keys	
....	..	....	..	....	†	....	....	....	....	....	....	Florida Keys	
....	..	....	†	†	....	....	....	....	....	....	....	Florida Str..	
....	..	....	†	....	....	....	....	....	....	....	....	Fernandina .	
....	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
†	..	†	..	....	....	....	....	....	....	†	....	Hatteras	
....	..	....	..	†	....	....	....	....	....	....	....	.....	
†	†	....	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
*	..	....	..	....	....	....	....	....	....	....	....	New York ...	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
179	Bela ———	----	-----	------	300	Hatteras ----
180	B. subturgida Verrill ----------	----	-----	9.0	843	Hatteras ----
181	B. ——— ----------	----	-----	------	$\frac{63}{124}$	Hatteras ----
182	*B. Tanneri* Verrill ----------	61	78	21.0	1290	Gulf of Maine
	Genus MANGILIA Risso.					
	Subgenus **Cythara** Schumacher.					
183	C. Bartlettii Dall----------	12 14	6 5,8	8.0 10.0	$\frac{0}{450}$	Key West ---
184	*C. cymella* Dall ----------	12	4	12.5	$\frac{100}{220}$	Gulf of Mex .
	Subgenus **Daphnella** Hinds.					
185	D. limnæiformis Kiener----------	----	-----	------	------	Florida Keys
186	D. leucophlegma Dall----------	9	9	10.25	805	Gulf of Mex .
187	D. corbicula Dall----------	14	9	11.2	$\frac{49}{100}$	Hatteras ----
188	D. reticulosa Dall ----------	10	10	11.5	$\frac{76}{294}$	Fernandina .
189	D. pompholyx Dall ----------	36	4	12.5	$\frac{103}{294}$	Fernandina .
190	D. retifera Dall ----------	----	------	6.5	$\frac{49}{63}$	Hatteras ----
191	D. morra Dall ----------	12	1	5.75	$\frac{22}{450}$	C. Lookout..
192	D. elata Dall----------	----	------	4.75	$\frac{12}{22}$	Hatteras ----
	Section EUBELA Dall.					
193	D. limacina Dall ----------	9	10	11.0	$\frac{85}{805}$	Rhode Island
194	D. calyx Dall ----------	----	------	------	124	Hatteras ----
195	D. ——— ----------	----	------	------	805	Gulf of Mex .
196	D. sofia Dall ----------	10	11	8.0	769	N. Carolina?
197	var. hyperlissa Dall ----------	----	------	8.5	731	Hatteras ----
	Subgenus **Glyphostoma** Gabb.					
198	G. dentifera Gabb ----------	----	------	------	15	Florida Str ..
199	G. Gabbii Dall ----------	13	4,5,7,8	17.5	$\frac{30}{250}$	Gulf of Mex .
200	G. gratula Dall----------	12	10	17.5	$\frac{227}{447}$	East Florida.
	Subgenus **Mangilia** Risso, s. s.					
201	M. balteata Reeve----------	----	------	------	------	Hatteras ----
202	M. psila Bush ----------	41	2	6.0	------	Hatteras ----
203	M. oxytata Bush ----------	41	1	5.0	48	Hatteras ----
204	M. astricta Reeve ----------	----	------	------	------	Florida Keys
205	M. biconica C. B. Adams ----------	----	------	------	------	Hatteras ----
206	M. plicosa C. B. Adams ----------	50	14	------	$\frac{0}{5}$	Cape Cod----
207	M. rubella Kurtz & Stimpson ----------	----	------	------	------	C. Lookout..
208	*M. bicarinata* Couthouy ----------	50	15	11.0	$\frac{0}{420}$	Arctic Seas..
209	M. stellata Stearns ----------	----	------	------	------	Tampa ------

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
?†	..	....	..	....	....	....	....	....	....	....	....	George's B'ks	
....	..	....	..	....	*	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	Barbados....	
....	..	....	..	....	†	....	....	....	....	....	....	Gulf of Mex .	
....	..	†	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	....	†	....	....	....	....	†	....	....	....	Barbados....	Pliocene.
....	..	....	†	....	....	....	....	†	....	....	....	Barbados....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	*†	..	....	†	....	....	†	....	....	....	Cuba	
....	..	*	..	....	....	....	....	....	....	....	....	Cape Fear...	Pliocene.
....	..	....	†	†	†	†	†	†	....	....	....	Brazil.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba	
....	..	?†	..	....	....	....	....	†	....	....	....	Guadalupe ..	
....	..	†	..	.. :	....	....	....	?	....	....	....	.....	
....	..	....	..	....	*	....	....	....	....	....	....	.....	Miocene.
....	..	....	..	....	†	†*	....	†	....	....	....	Barbados....	Pliocene.
....	..	....	..	†	†	†	....	†	....	....	....	Old Provid'ce	
....	..	*	..	....	*	*	....	*	....	....	....	Barbados....	Pliocene.
....	..	*†	†	....	....	....	....	?	....	....	....	Martinique..	
....	..	*	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	*	*	....	....	....	....	....	Gulf of Mex .	
....	..	†*	..	....	*	*	....	*	....	....	....	Jamaica	
*.	..	*	..	....	*	*	....	....	....	....	....	Florida Keys	Pliocene.
....	..	*	..	....	....	*	....	....	....	....	....	Charlotte H.	Pliocene.
*?	..	....	..	....	....	....	....	....	....	*†	*	Rhode Id....	
....	..	....	..	....	*	*	....	....	....	..	....	Key West ...	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range
210	Mangilia atrostyla Dall	41	4, 4*a*	8.75	$\frac{14}{333}$	Hatteras
211	M. limonitella Dall	48	3	7.1	$\frac{0}{5}$	Cedar Keys
212	M. cerina Kurtz & Stimpson	44	16, *a*	6.75	$\frac{3}{10}$	Cape Cod
213	M. ceroplasta Bush			5.5	$\frac{10}{17}$	Hatteras
214	M. cerinella Dall			11.8	$\frac{14}{22}$	Hatteras
215	M. quadrata Reeve			8.0		Hatteras
216	var. diminuta C. B. Adams					Hatteras
217	var. rugirima Dall					Florida Keys
218	var. *monocingulata* Dall	11	15, 16	6.75	100	
219	M. monilifera Sowerby					Florida Keys
220	*M. citronella* Dall	9	5	6.25	70	
221	M. ———					Hatteras
222	M. Dorvilliæ Gray					Florida Keys
223	M. ———				22	Hatteras
224	M. melanitica Dall					Hatteras
225	var. oxia Bush	41	3, 3*a*	5.0	$\frac{7}{48}$	Hatteras
226	M. ———				294	Fernandina
227	M. antonia Dall	10 11	4 11	5.75 7.0	$\frac{640}{769}$	Fernandina
228	M. serga Dall	9	4	9.0	$\frac{382}{1075}$	Florida Str.
229	M. peripla Dall	11	17	8.0	$\frac{640}{1000}$	Gulf of Mex.
230	M. elusiva Dall	12	7	9.25	$\frac{300}{640}$	Gulf of Mex.
231	M. bandella Dall	10 60	3 73	9.4 11.0	$\frac{321}{2100}$	Gulf of Maine
232	M. comatotropis Dall	11 44 61	12 8 77	6.0	$\frac{50}{1075}$	Rhode Island
233	M. scipio Dall	10	12	14.0	$\frac{124}{982}$	Fernandina
234	M. pelagia Dall	11	9	10.8	539	Gulf of Mex.
235	M. exsculpta Watson	15	9	30.0	$\frac{248}{640}$	Gulf of Mex.
236	M. Pourtalesii Dall	9	6	17.0	$\frac{294}{447}$	Fernandina
237	M. subsida Dall	12	3	13.0	339	Gulf of Mex.
238	M. toreumata Dall	12	8	10.2	$\frac{294}{391}$	Fernandina
	Subgenus **Pleurotomella** Verrill.					
239	*P. Packardii* Verrill	44	7	13.0	$\frac{85}{193}$	Gulf of Maine
240	var. formosa Jeffreys	60	72	10.0	$\frac{345}{1608}$	N. Atlantic
241	var. Benedicti V. & S	14 60	4 70, *a*	11.0 17.0	$\frac{1200}{1507}$	Gulf of Maine
242	*P. Bruneri* V. & S	61	75	22.0	$\frac{1608}{2033}$	Rhode Island
243	P. leucomata Dall	11	13	13.7	$\frac{533}{940}$	Cedar Keys
244	P. Catherinæ V. & S	61	76, *a*	23.0	$\frac{843}{2033}$	Gulf of Maine

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber-mu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	*	...	*	*	....	†	....	....	...	Barbados....	
....	..	....	..	....	....	*	....	....	....	....	....	Tampa.....	
*	..	*	*	....	....	....	....	....	....	....	....	Fernandina .	P. Pliocene.
....	..	*	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	*	*	*	....	....	....	....	Texas.....	
....	..	*	..	....	*	....	*	*	....	....	....	Yucatan.....	
....	..	*	..	....	*	*	....	....	....	....	....	Florida Keys.	
....	..	....	..	....	*	....	....	....	....	....	....	.....	
....	..	....	..	....	....	....	....	†	....	....	...	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
....	..	....	..	....	....	....	...	†	....	....	....	Sombrero....	
....	..	†	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	Haiti	
....	..	*	..	....	....	....	....	....	....	...	....	.....	
....	..	*	..	....	*	*	....	*	....	....	....	Haiti	
....	..	*	..	....	....	....	....	....	....	...	....	.....	
....	..	....	†	....	....	....	....	....	....	....	....	.....	
....	..	....	†	...	....	†	....	†	....	...	....	Guadalupe ..	
....	..	....	..	†	....	....	....	†	†	....	....	Old Provid'ce	
....	..	....	..	....	....	....	*	*	....	....	....	Yucatan.....	
....	..	....	..	....	....	....	*	†	....	....	....	Culebra	
†	..	...	..	....	....	†	...	†	...	....	....	Bequia.....	
....	..	†	..	†	....	†	....	†	†	....	....	Barbados....	
....	..	....	†	....	....	....	....	†	....	....	....	St. Vincent ..	
....	..	....	..	....	....	†	...	....	....	....	....	Cuba.....	
....	..	....	..	....	....	†	....	†	...	....	....	Santa Cruz ..	
....	..	....	†	†	....	....	....	....	....	...	....	Florida Str..	P. Pliocene.
....	..	....	..	..	....	†	....	†	....	....	....	Cuba.....	
...	..	....	†	...	....	....	....	†	...	....	....	Dominica ...	
....	..	....	..	...	....	....	....	....	....	....	....	Rhode Island	
....	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	....	..	....	....	†	....	†	....	....	....	Bequia.....	
? †	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	†	†	....	†	....	....	....	Florida Str..	
†	..	†	..	....	...	...	....	....	....	....	....	Hatteras	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
245	Pleurotomella Agassizii V. & S.	60	67, 71	31.0	39/1608	Rhode Island
246	var. Sandersoni Verrill	....	.....	.....	1290/2033	Gulf of Maine
247	var. mexicana Dall	11	14	8.5	502/640	Gulf of Mex.
248	*P. Edgariana* Dall	36	6	58.0	205	.....
249	*P. Pandionis* Verrill	60	69	43.0	238/319	Rhode Island
250	P. Emertonii Verrill & Smith	10 60	9 74	34.0	1917/2393	Chesapeake
251	P. tincta Verrill	46	4	22.0	2512/2674	Virginia
252	P. chariessa Watson	46	3	52.0	350/1710	N. Atlantic
253	var. phalera Dall	....	.....	38.0	731	Cape Fear
254	var. aresta Dall	....	.....	28.0	731	Cape Fear
255	var. tellea Dall	....	.....	29.0	731	Cape Fear
256	P. filifera Dall	12	9	17.5	331	Gulf of Mex.
257	P. Frielei Verrill	46	5	22.0	1168/1178	Delaware
258	P. hadria Dall	....	.....	27.0	407/1181	Cape Fear
259	P. Bairdii Verrill	60	68	55.0	944/2221	Rhode Island
260	P. Lottæ Verrill	46	7	11.5	1525	Delaware
	? Section GYMNOBELA Verrill.					
261	P. extensa Dall	10	2	12.2	640/1000	N. Atlantic
262	P. vitrea Verrill	46	6	8.0	384/428	Delaware
263	P. Blakeana Dall	10 46	1 8	8.0	100/1608	Gulf of Maine
264	var. agria Dall	....	.....	10.0	1685	Chesapeake
265	P. curta Verrill	....	.....	16.0	843/1917	Rhode Island
266	P. tornata V. var. Malmii Dall	....	.....	5.0	805/1205	Gulf of Maine
267	*P. engonia* Verrill	....	.....	17.0	906/1608	Gulf of Maine
	Subgenus **Taranis** Jeffreys.					
268	T. cirrata Brugnone	....	.....	6.0	124/805	Norway
	Genus SPIROTROPIS G. O. Sars.					
269	S. ephamilla Verrill	....	.....	.....	1917/2221	Chesapeake
	Family CANCELLARIIDÆ.					
	Genus CANCELLARIA Lam.					
	Subgenus **Cancellaria** s. s.					
270	C. reticulata Linné	....	.....	.....	5/30	Hatteras
271	C. Conradiana Dall	....	.....	.....	.....	Gulf of Mex.
	Subgenus **Trigonostoma** Blainville.					
272	T. tenera Philippi	....	.....	.....	.....	Gulf of Mex.
273	T. Smithii Dall	37	1	10.5	22/49	Hatteras
274	T. Agassizii Dall	35	4	13.5	18/25	C. Lookout

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
†	..	†	..	....	....	....	....	....	....	....	....	Cape Fear..	
?†	..	....	..	....	....	....	....	....	....	....	....	N. lat. 38½° ..	
....	..	....	..	....	....	†	†	†	....	....	....	Martinique..	
....	..	....	..	....	....	....	....	†	....	....	....	Curaçoa.....	
?†	..	....	..	....	....	....	....	....	..	....	....	.....	
†	..	....	..	....	....	....	....	†	....	....	....	Santa Cruz..	
....	†	....	..	....	....	....	....	....	....	....	....	N. lat. 36° ...	
†	..	†	..	....	....	....	....	†	....	†	....	St. Vincent..	Pliocene.
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	....	†	....	....	....	....	....	.....	
....	..	....	..	....	....	....	....	....	....	....	....	N. lat. 39° 33′	
....	..	†	..	....	....	†	....	....	....	....	....	Gulf of Mex .	
†	..	....	..	....	....	....	....	....	....	....	....	Delaware....	
†	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	....	†	†	†	....	....	....	Yucatan.....	
†	..	....	..	....	....	....	....	....	....	....	....	.....	
†	†	†	..	....	....	†	....	†	....	....	....	Santa Cruz..	
†	..	....	..	....	....	....	....	†	....	....	....	Guadalupe ..	
†	†	†	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	....	..	....	†	....	....	†	....	....	....	Gulf of Mex .	
?†	..	....	..	....	....	....	....	....	....	....	....	Rhode Island	
....	..	†	..	†	....	....	....	†	....	†	....	Florida Str..	Pliocene.
†	†	....	..	....	....	....	....	....	....	....	....	.....	
....	..	*	*	*	*	*	....	*	....	....	....	Guadalupe ..	P. Pliocene.
....	..	....	..	....	....	*	....	....	....	....	....	.....	Pliocene.
....	..	....	..	....	*	....	*	*	....	....	....	Yucatan	Pliocene.
....	..	*	..	....	....	....	....	....	....	....	....	C. Lookout..	
....	..	*	..	....	*	*	....	....	....	....	....	Key West ...	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus ADMETE Moller.					
275	A.? microscopica Dall	----	------	------	200/780	Fernandina
276	A.? nodosa Verrill	46	9	12.0	816/924	Delaware
	Genus BENTHOBIA Dall.					
277	B. Tryoni Dall	35	6	13.0	731	Cape Fear
	Superfamily RHACHIGLOSSA.					
	Family OLIVIDÆ.					
	Genus OLIVA Bruguière.					
278	O. reticularis Lamarck	----	------	------	0/73	Key West
279	O. literata Lamarck	34	8, 8′	60.0	0/2	Hatteras
	Genus OLIVELLA Swainson.					
280	O. mutica Say	34	1, 2	13.0	------	------
281	O. nivea Gmelin	----	------	------	0/5	Sarasota
282	O. jaspidea Gmelin	----	------	------	27/805	Hatteras
283	var. fuscocincta Dall	----	------	------	56/250	Florida Keys.
284	O. bullula Reeve	----	------	------	72/464	Hatteras
285	O. ———	----	------	------	------	Key West
286	O. floralia Duclos	----	------	------	------	Hatteras
	Family MARGINELLIDÆ.					
	Genus MARGINELLA Lamarck.					
287	M. carnea Storer	----	------	------	------	Charlotte H.
288	M. Storeria Conthouy	----	------	------	------	Gulf of Mex
289	M. oblonga Swainson	----	------	------	------	Florida Keys.
290	M. guttata Dillwyn	----	------	------	------	Hatteras
291	M. cassis Dall	35	8	15.0	101	Florida Keys.
292	M. limatula Conrad	----	------	------	------	Hatteras
293	M. apicina Menke	----	------	------	------	Hatteras
294	var. borealis Verrill	44 61	4 79	14.0	64/100	Rhode Island
295	M. pellucida Pfeiffer	----	------	------	----	Sarasota
296	M. nivosa Hinds	----	------	------	------	Key West
297	M. Watsoni Dall	19 38	3 2	9.5 9.5	220/805	Gulf of Mex.
298	M. cineracea Dall	42	6	13.0	294/781	Cape Fear
299	M. hæmatita Kiener	----	------	------	37/170	Gulf of Mex.
300	M. fusina Dall	19	4	8.0	294/640	Fernandina
301	M. yucatecana Dall	19	5	5.62	125/640	Florida Str.
302	M. virginiana Conrad	----	------	------	10/294	Chesapeake

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber-mu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	†	....	....	....	†	†	....	....	....	Yucatan.....	
†	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	*?	....	....	*†	*	....	....	Brazil.....	Pliocene.
....	..	*	*	*	*	*	*	....	....	....	....	Key West ...	Pliocene.
....	..	*	..	*	*	*	*	*	*	....	....	Trinidad	Pliocene.
....	..	....	..	....	*	*	....	*	*	....	....	Haiti	
....	..	*	*	*	*†	*	*	*†	*	....	....	Brazil.....	Pliocene.
....	..	....	..	....	*	....	....	*†	....	....	....	Barbados....	
....	..	†	..	....	†	....	....	†	*	....	....	Brazil.....	P. Pliocene.
....	..	....	..	....	*	....	....	*	....	....	....	Brazil.....	
....	..	*	..	*	*	*	....	*	*	....	....	Tortola	
....	..	....	..	....	*	*	....	*	....	....	....	Rum Cay....	
....	..	....	..	....	....	*	....	*	....	....	....	Aspinwall...	
....	..	....	..	....	*	....	....	*	....	....	....	Yucatan.....	
....	..	*	..	....	*	....	....	*	....	....	....	Swan Island.	
....	..	....	..	....	....	†	....	†	....	....	....	Cuba.....	
....	..	*	..	....	....	....	....	....	....	....	....	C. Lookout..	Miocene.
....	..	*	..	*	*	*	*	*	....	....	....	Jamaica.....	Pliocene.
†	..	†	..	....	....	....	....	....	....	....	....	Cape Fear...	
....	..	....	..	....	*	*	....	*	....	....	....	St. Thomas..	
....	..	....	..	....	†	....	....	*	....	....	....	Jamaica.....	
....	..	....	..	†	†	†	....	....	....	....	....	Yucatan.....	
....	..	†	?†	....	....	....	....	....	....	....	....	Fernandina..	
....	..	....	..	....	*	....	....	†	....	....	....	Grenada	
....	..	....	†	....	....	....	....	†	....	....	....	Yucatan.....	
....	..	....	..	....	†	....	....	....	....	....	....	Yucatan.....	
....	..	*	†	....	*	*	....	....	....	....	....	Yucatan.....	Miocene.

TABLE V. E —*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
303	Marginella amabilis Redfield				72/125	Florida Keys.
304	M. ———					Hatteras
305	M. bella Conrad					Hatteras
306	M. margarita Kiener				294	Georgia
307	M. ———				294	Fernandina
308	M. ———				294	Fernandina
309	M. fauna Sowerby					Florida Keys
310	M. microgonia Dall				294	Fernandina
311	M. denticulata Conrad				5/294	Hatteras
312	var. opalina Stearns				0/3	Tampa
313	M. aureocincta Stearns				3/44	Chesapeake
314	M. seminula Dall	19	2	7.0	294/640	Fernandina
315	M. ———					Tampa
316	M. minuta Pfeiffer				5/294	Fernandina
317	M. minima Guilding				0/22	C. Lookout
318	M. Redfieldii Tryon				229	Florida Str
319	M. fusca Sowerby				37/63	C. Lookout
320	M. succinea Conrad	19	6	12.0	70/1002	Fernandina
321	M. styria Dall				54/229	Georgia
322	M. torticula Dall				152/229	Fernandina
	Section VOLVARINA Hinds.					
323	M. avena Valenciennes				10/805	Key West
324	M. albolineata Orbigny				80/100	Key West
325	M. subtriplicata Orbigny				5/111	Key West
326	M. lactea Kiener				0/10	Tortugas
327	M. pallida Donovan				10/170	Tortugas
	Subgenus **Persicula** Schumacher.					
328	P. catenata Montagu				2/92	Turtle Harb.
329	var. pulcherrima Gaskoin				0/6	Florida Keys
330	P. ———				294	Fernandina
	Subgenus **Volutella** Swainson.					
331	V. lacrimula Gould				0/400	Hatteras
332	V. hadria Dall					Cedar Keys
333	V. amianta Dall				14/62	C. Lookout
334	V. ovuliformis Orbigny					Cape Fear
	Family VOLUTIDÆ.					
	Genus VOLUTA Linné.					
335	V. virescens Solander					Texas

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	†	....	....	†	....	....	....	Sombrero....	Miocene.
....	..	*	..	....	....	....	....	....	....	....	....	Cape Fear...	
....	..	*	..	....	....	....	....	....	....	....	....	Cape Fear...	Miocene.
....	..	....	†	†	....	....	....	*	....	....	....	Haiti	
....	..	....	†	....	....	....	....	....	....	....	....	.....	
....	..	....	†	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	*	....	....	*	....	....	....	Curaçoa.....	
....	..	....	†	....	†	....	....	*	....	....	....	Cuba.....	
....	..	†	†	....	*	*	....	†*	....	....	....	Barbados....	Miocene.
....	..	....	..	....	*	*	....	....	....	....	....	Key West ...	Pliocene.
....	*	*	..	*	*	*	....	....	....	....	....	Gulf of Mex .	Pliocene.
....	..	....	?	....	....	....	†	†	....	....	....	Yucatan	
....	..	....	..	....	....	*	....	....	....	....	....	Gulf of Mex .	
....	..	....	†	....	*	*	....	†*	....	*	*	Barbados....	Miocene.
....	..	*	..	....	*	*	....	*	....	....	....	Haiti	
....	..	....	..	†	†*	....	....	*	....	....	....	Cuba.....	
....	..	†	†	....	*	....	....	*	*	....	....	St. Thomas..	
....	..	....	†	....	†*	*†	....	†	....	....	....	Sombrero....	
....	..	....	†	....	....	....	....	†	....	....	....	Sombrero....	Pliocene.
....	..	....	†	....	†	....	....	....	....	....	....	N. lat. 24° ...	
....	..	....	..	....	*	....	*†	†*	*	....	....	Aspinwall...	Pliocene.
....	..	....	..	....	*	....	....	†	*	....	....	Barbados....	
....	..	....	..	....	*†	....	....	*	....	....	....	Tortola	
....	..	....	..	....	*	....	....	*	....	....	....	Tortola	
....	..	....	..	....	*†	....	....	*	*	....	....	Tortola	Pliocene.
....	..	....	..	....	*	....	....	*†	....	....	....	Brazil	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
....	..	....	†	....	....	....	....	....	....	....	....	.....	
....	..	*†	†	†*	*†	*	....	....	....	....	....	Florida Str..	
....	..	....	..	....	....	*	....	....	....	....	....	Charlotte H.	
....	..	†*	*	....	....	....	....	....	....	....	....	Fernandina .	Pliocene.
....	..	*	..	....	*	*	....	*	....	....	....	Guadalupe ..	Pliocene.
....	..	....	..	....	....	....	*	*	....	....	....	Carthagena .	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus SCAPHELLA Swainson.					
336	S. Junonia Hwass	34	5*a-e*	95.0	10/30	C. Lookout.
	Subgenus **Aurinia** H. & A. Adams.					
337	A. dubia Broderip				34/168	Hatteras
338	A. Gouldiana Dall	29	3	69.0	50/509	Cape Fear.
339	A. robusta Dall	35	2	119.0	113/280	Tampa
	Family TURBINELLIDÆ.					
	Genus TURBINELLA Lamarck.					
	Subgenus **Cynodonta** Schumacher.					
340	C. muricata Born				9/5	Florida Keys
341	*C. capitellum* Linné					Florida Keys?
	Family MITRIDÆ.					
	Genus MITRA Lamarck.					
342	M. barbadensis Gmelin					Key West
343	M. nodulosa Gmelin					Fort Macon.
344	M. Dupontii Kiener					Florida Keys
345	M. sulcata Gmelin					Jupiter Inlet
346	M. puella Reeve					C. Lookout.
347	M. albocincta C. B. Adams					Key West
348	M. Hanleyi Dohrn					Florida Keys
349	var. gemmata Sowerby					Charlotte H.
350	M. floridana Dall	48	5	6.0		Marco
351	M. Swainsoni Brod. var. antillensis Dall.	38	7	80.0	7/421	C. Lookout.
352	M. straminea A. Adams				84	Gulf of Mex.
353	M. fulgurita Reeve				73/170	Cape Florida
354	M. styria Dall	15	6	19.0	73/333	Cape Florida
355	M. wandoensis Holmes				14/80	Hatteras
356	M. Bairdii Dall	42	7	35.0	528	Lat. 32° 24′.
357	M. torticula Dall	15	8	12.2	400	Florida Str.
	Subgenus **Conomitra** Conrad.					
358	C. Blakeana Dall				640?	Gulf of Mex.
359	var. lævior Dall	35	10	9.75	80/300	Gulf of Mex.
	Genus MITROMORPHA Adams.					
360	M. biplicata Dall	35	1	7.0	100/294	Fernandina

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	....	*	*	....	....	....	....	....	Florida Str..	P. Pliocene.
....	..	†	..	....	*	*	....	....	....	....	....	Cape Florida	
....	..	†	†	†	†	....	....	....	....	....	....	Key West ...	
....	..	....	..	....	....	†	....	†	....	....	....	Cuba.....	
....	..	....	..	....	*	....	....	*	....	....	....	Guadalupe ..	
....	..	....	..	....	?	....	....	*	...	....	....	Curaçoa.....	
....	..	....	..	....	*	....	....	....	....	....	....	Barbados....	
....	..	*	..	....	....	....	...	*	....	....	....	Darien	
....	..	....	..	....	*	....	....	?	....	....	....	?	
....	..	....	..	*	*	....	....	*	....	....	....	St. Thomas..	
....	..	†	..	....	*	....	....	*	....	....	....	Guadalupe ..	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
....	..	....	..	....	*	....	....	*	....	....	....	Haiti.....	
....	..	....	..	...	*	*	....	*	....	....	....	Jamaica.....	
....	..	....	..	....	*	....	....	....	....	....	....	Key West ...	
....	..	†	..	....	....	....	....	†	....	....	*	Grenada.....	Pliocene. ?
....	..	....	..	....	....	†	....	....	....	....	....	?	
....	..	....	..	....	†	....	....	....	....	....	....	Barbados....	
....	..	....	..	....	†	†	....	†	....	....	....	Barbados....	Miocene.
....	..	†*	..	....	†	*	....	†	....	....	....	Florida Str..	Pliocene.
....	..	†	..	....	....	....	....	....	....	....	....	?	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	....	..	....	....	....	†	†	....	....	....	Yucatan	Miocene.
....	..	....	..	....	†	....	....	†	....	....	....	Yucatan	
....	..	....	†	....	....	....	....	†	....	....	....	Barbados....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range
	Family FASCIOLARIIDÆ.					
	Genus FASCIOLARIA Lamarck.					
361	F. gigantea Kiener	....	.....	.....	$\frac{0}{10}$	Hatteras ....
362	F. tulipa Linné	....	.....	.....	$\frac{0}{10}$	Hatteras ....
363	F. distans Lamarck	....	.....	.....	$\frac{0}{64}$	Hatteras ....
	Subgenus **Mesorhytis** Meek.					
364	M. Meekiana Dall	36	7	15.5	$\frac{220}{400}$	Gulf of Mex.
	Genus FULGUR Montfort.					
365	F. pyrum Dillwyn	....	.....	80.0	$\frac{0}{60}$	Hatteras ....
366	F. canaliculata Say	73	1	250.0	.....	Cape Cod ....
367	F. perversa Linné	....	.....	375.0	$\frac{0}{8}$	Hatteras ....
368	var. coarctata Sowerby	....	.....	112.0	.....	Florida .....
369	F. carica Linné	74	1	200.0	$\frac{0}{10}$	Cape Cod ....
370	F. eliceans Montfort	....	.....	100.0	$\frac{0}{8}$	S. Carolina..
	Genus MELONGENA.					
371	M. corona Gmelin	....	.....	75.0	$\frac{0}{8}$	Gulf of Mex.
372	M. melongena Linné	....	.....	100.0	$\frac{0}{60}$	Florida Keys.
	Genus LATIRUS Montfort.					
	Subgenus **Leucozonia** Gray.					
373	L. cingulifera Lamarck	....	.....	.....	.....	Sarasota ....
374	L. ocellata Gmelin	....	.....	.....	.....	Cedar Keys..
	Subgenus **Latirus** s. s.					
375	L. brevicaudatus Lamarck	....	.....	.....	.....	Florida Str ..
376	L. cayohuesonicus Sowerby	....	.....	.....	.....	Key West ...
377	L. infundibulum Gmelin	....	.....	.....	.....	Tortugas ....
	Subfamily *Fusinæ*.					
	Genus FUSUS Lamarck.					
378	F. timessus Dall	....	.....	88.0	$\frac{27}{254}$	Cedar Keys..
379	F. eucosmius Dall	35	5	85.0	$\frac{27}{111}$	Cedar Keys..
380	F. Couei Petit	....	.....	.....	$\frac{26}{27}$	Charlotte H.
381	F. halistreptus Dall	35	7	80.0	338	Florida Str..
382	F. Schrammii Crosse	....	.....	.....	407	Cape Fear....
383	F. benthalis Dall	15	10	15.0	$\frac{15}{1002}$	Florida Keys.
384	F. ———	....	.....	.....	.....	Florida Str..
385	F. amiantus Dall	15	11	17.0	805	Gulf of Mex.
386	F. æpynotus Dall	....	.....	24.0	$\frac{70}{84}$	Gulf of Mex.

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	*	*	*	*	....	....	....	....	....	Florida Keys	
....	..	*	*	*	*	*	*	*	....	....	....	Carthagena	
....	..	*	*	*	*	*	*	....	?	....	....	Yucatan	
....	..	....	..	....	†	†	....	†	....	....	....	Cuba	
....	..	*†	*	*	*	*	*	....	....	....	....	Gulf of Mex.	P. Pliocene.
*	*	*	*	*	....	*	*	....	....	....	....	Gulf of Mex.	
....	..	*	*	*	*	*	*	*	....	....	....	Cuba	P. Pliocene.
....	..	....	..	....	....	*?	....	....	....	....	....	Gulf of Mex.	
*	*	*	*	*	*	*	*	*	....	....	....	St. Thomas	Miocene.
....	..	*	*	....	*	*	....	*	....	....	....	Campeche	
....	..	....	..	....	*	*	*	*	....	....	....	Guadalupe	
....	..	....	..	....	*	....	*	*	....	....	?	N. Grenada	
....	..	....	..	*	*	*	*	*	....	....	....	Brazil	
....	..	....	..	....	*	*	....	*	*	....	....	Guadalupe	
....	..	....	..	....	*	....	....	*	....	....	....	Brazil	
....	..	....	..	....	*	....	....	*	....	....	....	Swan Islands	
....	..	....	..	....	*	....	....	*	....	....	?	Santa Lucia	
....	..	....	..	....	†	*†	....	†	....	....	....	S. of Cuba	Pliocene?
....	..	....	..	....	†*	*†	....	†	....	....	....	Barbados	
....	..	....	..	....	*	*	....	....	....	....	....	C. Romano	
....	..	....	..	†	....	....	....	†	....	....	....	Bahamas	
....	..	†	..	....	....	....	....	†	....	....	....	Guadalupe	
....	..	....	..	....	*†	....	....	*†	....	....	....	Sombrero	
....	..	....	..	....	†	....	....	....	....	....	....	Cuba	
....	..	....	..	....	†	....	....	....	....	....	....	Cuba	
....	..	....	..	....	†	....	....	†	....	....	....	Sombrero	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
387	Fusus alcimus Dall	.....	.....	15.0	95	Gulf of Mex.
388	var. Rushii Dall	.....	.....	8.5	200	Florida Str.
389	F. amphiurgus Dall	.....	.....	14.0	101	Gulf of Mex.
	Family BUCCINIDÆ.					
	Genus BUCCINUM Linné.					
390	B. undatum Linné	72	12	50.0	$\frac{0}{650}$	Arctic Sea.
391	B. abyssorum Verrill	61	80	43.0	$\frac{49}{1309}$	N. lat. 42°.
	Genus CHRYSODOMUS Swainson.					
	Subgenus **Sipho** Mörch.					
392	S. islandicus Linné	.....	.....	.....	$\frac{20}{1650}$	Arctic Sea.
393	S. Stimpsoni Mörch	72	11	75.0	$\frac{16}{319}$	Arctic Sea.
394	S. pubescens Verrill	.....	.....	60.0	$\frac{18}{640}$	Nova Scotia.
395	S. ———	.....	.....	.....	528	Hatteras.
396	S. pygmæus Gould	48 50	9 4	.....	$\frac{10}{640}$	Nova Scotia.
397	var. planulus Verrill	.....	.....	.....	.....	Rhode Island
398	S. Sarsii Jeffreys	61	81	40.0	$\frac{273}{2033}$	Rhode Island
399	S. obesus Verrill	.....	.....	25.0	$\frac{294}{843}$	Hatteras.
400	S. glyptus Verrill	61	82	30.0	$\frac{193}{966}$	Rhode Island
401	S. cælatus Verrill	.....	.....	30.0	$\frac{75}{731}$	Rhode Island
402	S. Bocagei Fischer	.....	.....	21.0	1121	Spain.
403	S. Rushii Dall	.....	.....	11.0	$\frac{193}{294}$	Fernandina.
	Section MOHNIA Friele.					
404	S. simplex Verrill	.....	.....	14.0	$\frac{99}{843}$	Gulf of Maine
405	*S. hispidulus* Verrill	.....	.....	7.5	2033	Gulf of Maine
	Section PTYCHOSALPINX Gill.					
406	S. globulus Dall	35	12	31.0	$\frac{338}{966}$	Florida Str.
	Genus JUMALA Friele.					
407	J. brychia Verrill	46	10, *a*	41.0	$\frac{294}{2574}$	N. lat. 36½°.
	Genus LIOMESUS Stimpson.					
408	L. Stimpsoni Dall	35	11	32.5	$\frac{159}{247}$	S. Carolina.
	Genus PISANIA Bivona.					
409	P. variegata Gray	.....	.....	.....	.....	Florida Keys.
410	P. pusio Linné	.....	.....	.....	.....	Key West.

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	....	....	†	....	....	....	....	Yucatan.....	
....	..	....	..	†	†	....	....	....	....	....	....	Bahamas....	
....	..	....	..	....	†	....	....	....	....	....	....	Florida Keys	
*	..	*?	..	....	....	....	....	....	....	*	....	Charleston H	Pliocene.
*	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
†	†	†	..	....	....	....	....	....	....	*†	....	S. Carolina..	
†	†	†	..	....	....	....	....	....	....	....	....	Hatteras	P. Pliocene.
†	†	†	..	....	....	....	....	....	....	....	....	S. Carolina..	
....	..	†	..	....	....	....	....	....	....	....	....	Savannah ...	
†	†	†	..	....	....	....	....	....	....	....	....	Cape Fear...	
....	..	†	..	....	....	....	....	....	....	....	....	Cape Fear...	
†	†	†	†	....	....	....	....	....	....	†	....	Fernandina .	
....	..	†	†	....	....	....	....	....	....	....	....	Fernandina .	
?	..	....	..	....	....	....	....	†	....	....	...	Jamaica	
†	..	†	..	....	....	....	....	....	....	....	....	Cape Fear...	
†	..	....	..	....	....	....	....	?	....	†	....	Africa.....	
....	..	....	†	†	†	....	....	†	....	....	....	Florida Str..	
....	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
?†	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	†	†	....	....	†	....	....	....	Jamaica	
....	†	....	†	....	....	....	....	†?	....	....	....	St. Kitts?...	
....	..	†	..	....	....	....	....	....	....	....	....	S. Carolina..	Pliocene.
....	..	....	..	....	*	....	....	*	*	....	....	Trinidad	
....	..	....	..	....	*	....	....	*	....	....	....	Darien	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus **Tritonidea** Swainson.					
411	T. tincta Conrad					Hatteras
412	T. cancellaria Conrad					Jupiter Inlet
413	T. Orbignyi Payraudeau				23/25	Gulf of Mex.
414	T. limbata Philippi				24	Gulf of Mex.
	Genus PHOS Montfort.					
415	P. Candei Orbigny				25/180	Hatteras
416	P. parvus C. B. Adams	48	6	13.2	2/15	Charlotte H.
	Genus ENGINA Gray.					
417	E. turbinella Kiener					Key West
	Genus NASSARIA Link.					
	Subgenus **Nassarina** Dall.					
418	N. Bushii Dall	15	12	9.0	15/229	Sand Key
419	N. glypta Bush	41	5, *a*	5.5	14/63	Hatteras
420	N. columbellata Dall			12.2	124	Gulf of Mex.
421	N. Grayi Dall	32	12*a*	12.0	73/130	Gulf of Mex.
	Family NASSIDÆ.					
	Genus NASSA Lamarck.					
422	N. trivittata Say	48 50	13 7		0/40	Nova Scotia
423	N. obsoleta Say	50	9			Nova Scotia
424	N. vibex Say	50	8		0/3	Cape Cod
425	N. acuta Say					N. Carolina
426	N. ambigua Montagu				0/191	C. Lookout
427	N. consensa Ravenel				5/50	Hatteras
428	N. Hotessieri Orbigny				30/85	Hatteras
429	N. scissurata Dall				56/140	Florida Str.
	Family COLUMBELLIDÆ.					
	Genus COLUMBELLA Lamarck.					
430	C. mercatoria Lamarck				0/10	C. Lookout
431	C. rusticoides Heilprin					Cedar Keys
	Subgenus **Anachis** Adams.					
432	A. avara Say	50	12			Mass. Bay
433	var. semiplicata Stearns					Cedar Keys
434	var. translirata Ravenel					New York
435	var. similis Ravenel					C. Lookout
436	A. haliæeti Jeffreys				30/640	N. Atlantic

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	*	*	*	*	*	....	....	....	Vera Cruz...	
....	..	....	..	*	....	*	*	*	....	....	....	Darien	
....	..	....	..	....	....	....	*	*	....	*	....	Yucatan.....	
....	..	....	..	....	*	....	....	*	....	....	....	Cuba.....	
....	..	†	..	*	....	†	....	†	....	....	....	Darien	
....	..	....	..	*	....	....	*	*	....	....	....	Barbados....	Pliocene.
....	..	....	..	....	*	....	....	*	....	....	....	Jamaica.....	
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	*†	..	....	*	....	....	....	....	....	....	Florida Keys	Pliocene.
....	..	....	..	....	....	....	†	†	....	....	....	Yucatan.....	
....	..	....	..	....	....	....	†	†	....	....	....	Barbados....	
*	*	*†	*	....	....	....	....	....	....	....	....	St. Augustine	Miocene.
*	..	*	*	*	....	*	....	....	....	....	....	Tampa	
*	*	*	*	*	*	*	....	*	....	....	....	Aspinwall...	Pliocene.
....	..	*	*	*	....	*	*	*	....	....	....	Barbados....	Pliocene.
....	..	?	..	....	*	*	....	*	*	....	....	Barbados....	Pliocene.
....	..	†*	..	....	*	*	....	....	....	....	....	Florida Keys	Pliocene.
....	..	†	..	....	†	*	....	†*	*	....	....	Barbados....	
....	..	....	†	....	†	....	....	†	....	....	....	Barbados....	
....	..	*	*	*	*	*	....	*	....	....	....	Barbados....	Pliocene.
....	..	....	..	....	*	*	....	*	....	....	....	Cuba.....	
													Miocene.
*	..	*	*	....	....	....	....	....	....	....	....	Florida Keys	
....	..	....	..	....	....	*	....	....	....	....	....	Charlotte H.	
*	..	*	*	*	....	....	*	....	....	....	....	Yucatan.....	
....	..	*	..	....	*	*	....	....	....	....	....	Yucatan.....	
*†	..	*	..	....	....	....	....	....	....	†	....	Hatteras	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
437	Anachis albella C. B. Adams	----	------	------	------	Cape Fear
438	A. samanensis Dall	----	------	------	------	Turtle Harb.
439	A. pulchella Kiener	----	------	------	------	Key West
440	A. obesa C. B. Adams	----	------	------	------	Hatteras
441	A. Hotessieriana Orbigny	----	------	------	------	Tampa
442	A. amphissella Dall	19	10*c*	4.0	2 0 4 / 4 1 3	Fernandina
443	var. Rushii Dall	----	------	------	2 0 4 / 4 0 5	Fernandina
	Subgenus **Nitidella** Swainson.					
444	N. nitidula Sowerby	----	------	------	------	Jupiter Inlet.
445	N. cribraria Lamarck	----	------	------	------	Key West
446	N. lævigata Linné	----	------	------	------	Florida Keys
447	N. parvula Dunker	----	------	------	------	Gulf of Mex.
448	N. moleculina Duclos	----	------	------	------	Florida Keys
449	var. dicomata Dall	----	------	------	------	Key West
	Subgenus **Astyris** Adams.					
450	A. lunata Say	50	17	------	0 / 12	Cape Ann
451	var. Duclosiana Orbigny	----	------	------	0 / 6 3	Hatteras
452	A. pura Verrill	50	13?	------	1 4 / 1 2 3 5	Rhode Island
453	A. Raveneli Dall	----	------	------	1 2 4 / 2 0 5	Hatteras
454	A. multilineata Dall	----	------	------	0 / 2 0 2	C. Lookout
455	A. diaphana Verrill	35	9	9.0	6 4 / 4 8 7	Rhode Island
456	*A. rosacea* Gould	69	1	------	5 / 6 0	Arctic Seas
457	A. fusiformis Orbigny	----	------	------	------	Turtle Harb.
458	A. Verrillii Dall	19	8	9.0	3 1 0 / 8 0 5	Fernandina
459	A. profundi Dall	----	------	------	3 4 / 8 0 5	Hatteras
	Subgenus **Æsopus** Gould.					
460	Æsopus Stearnsii Tryon	29	5	4.0	------	Cape Fear
	Subgenus **Conidea** Swainson.					
461	C. ovulata Lamarck	----	------	------	------	Florida Str.
	Family MURICIDÆ.					
	Subfamily *Muricinæ*.					
	Genus MUREX Linné.					
462	M. Beaui Fisch. & Bernardi	----	------	------	8 2 / 1 8 3	Cedar Keys
463	M. Cabritii Bernardi	----	------	------	2 5 / 1 6 4	Hatteras
464	M. messorius Reeve	----	------	------	2 / 3 0	Cedar Keys
	Subgenus **Chicoreus** Montfort.					
465	C. rufus Lamarck	----	------	------	5 / 3 0	Cape Fear
466	C. brevifrons Lamarck	----	------	------	------	S. Carolina

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	....	*	*	....	*	....	....	....	Jamaica.....	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
....	..	....	..	....	*	....	....	*	....	....	....	Barbados....	
....	..	*	*	....	*	*	*	*	....	....	....	St. Thomas..	Pliocene.
....	..	....	..	?	....	*	....	*	....	....	....	Guadalupe ..	
....	..	....	†	....	....	....	....	*	....	....	....	Yucatan	
....	..	....	†	†	....	....	....	....	....	....	....	Florida Str..	
....	..	....	..	*	*	....	....	*	*	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	*	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	*	....	....	Aspinwall...	
....	..	....	..	....	....	....	*	*	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	....	....	....	....	Key West ...	
....	..	....	..	....	*	....	....	....	....	....	....	Florida Str..	
*	*	*	..	*	*	*	....	....	....	....	....	Turtle Harb.	Pliocene.
....	..	†	*	*	*	*	....	*	....	....	....	Barbados....	
†	..	*	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	†	..	†	....	....	....	....	....	....	....	Fowey Rocks	
....	..	*†	..	....	†	....	....	....	....	....	....	Cape Florida	
†	..	....	..	....	....	†	....	....	....	....	....	Gulf of Mex .	
?†	..	....	..	....	....	....	....	....	....	*	*	New York...	
....	..	....	..	....	*	....	....	*	....	....	....	Barbados....	
....	..	....	†	....	†	....	....	†	....	....	....	Pernambuco.	
....	..	†	..	....	†	....	....	*	....	....	....	Aspinwall...	
....	..	*	..	....	....	*	....	....	....	....	....	Tampa Bay..	
....	..	....	..	?	....	....	....	*	....	....	....	Barbados....	
....	..	....	..	....	†	†	....	†	....	....	....	Guadalupe ..	
....	..	†*	..	....	....	†	....	†	....	....	....	Barbados....	
....	..	....	..	....	*	*	*	*	....	....	....	Aspinwall...	
....	..	*	..	....	*	*	....	*	....	....	....	Carthagena .	Pliocene.
....	..	*	..	....	*	*	....	*	....	....	....	Carthagena .	Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus **Phyllonotus** Swainson.					
467	P. pomum Gmelin	16	2	15.0	.....	Beaufort, N.C.
468	P. fulvescens Sowerby	....	.....	.....	.....	Hatteras ....
469	P. Pazi Crosse	15	1	32.0	220/338	Florida Str..
470	P. hystricinus Dall	16	4	21.0	148/254	Cuba.....
	Subgenus **Pteronotus** Swainson.					
471	P. macropterus Deshayes	....	.....	.....	63	Hatteras ....
472	P. phaneus Dall	42	1	17.0	294/434	Fernandina..
473	P. tristichus Dall	15	3	15.5	152/450	Florida Str..
	Genus EUPLEURA Adams.					
474	E. caudata Say	50	11	.....	1/3	Cape Cod....
475	E. Stimpsoni Dall	42	3	12.0	100/294	Fernandina..
	Genus TROPHON Montfort.					
	Subgenus **Boreotrophon** Fischer.					
476	B. vaginatus C. & J	....	.....	.....	843	N. Atlantic..
477	B. abyssorum Verrill	....	.....	8.0	843/2033	Rhode Island
478	B. lacunellus Dall	15	4	41.0	227/769	Cape Fear....
479	*B. actinophorus* Dall	15	2	17.5	140/248	Santa Cruz .
	Subgenus **Aspella** Mörch.					
480	A. hastula Reeve	....	.....	.....	14	Cape Fear....
481	*A. scalarioides* Blainville	....	.....	.....	.....	Mediterran'n
482	var. paupercula C. B. Adams	....	.....	.....	.....	West Florida
483	var. obeliscus A. Adams	....	.....	.....	.....	Vera Cruz....
484	var. lamellosa Dunker	....	.....	.....	.....	Florida Keys
	Genus OCINEBRA Leach.					
485	O. cellulosa Conrad	16	1	12.0	0/14	C. Lookout..
486	var. levicula Dall	....	.....	.....	22/37	C. Lookout..
487	O. intermedia C. B. Adams	....	.....	.....	.....	Key West ....
	Genus MURICIDEA Swainson.					
488	M. hexagona Lamarck	....	.....	.....	25	Gulf of Mex.
489	M. multangula Philippi	....	.....	.....	0/93	Cape Fear....
490	M. floridana Conrad	....	.....	.....	0/13	St. Augustine
491	M. Philippiana Dall	....	.....	.....	0/25	Key West ....
	Genus UROSALPINX Stimpson.					
492	U. cinereus Say	50	6	28.0	0/10	Nova Scotia.
493	U. perrugatus Conrad	....	.....	.....	.....	Cedar Keys .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys	West. Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	*	*	*	*	*	*	....	....	....	Venezuela...	Pliocene.
....	..	*	..	....	....	*	*	....	....	....	....	Texas.....	P. Pliocene.
....	..	....	..	†	†	....	....	†	....	....	....	Guadalupe ..	
....	..	....	..	....	....	....	....	†	....	....	....	Martinique..	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	†	....	....	....	....	....	....	....	....	St. Augustine	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
*	*	*	*	*	*	*	....	....	*	....	?	Charlotte H .	Pliocene.
....	..	....	†	....	....	....	....	†	....	....	....	Barbados....	
....	..	†	..	....	....	....	....	†	....	* †	....	St. Kitts	Pliocene.
†	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	†.	..	....	....	†	....	†	....	....	....	Dominica ...	
....	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	*	..	....	....	....	....	....	....	....	....	Tropics.....	
....	..	....	..	....	....	....	....	....	....	*	....	Africa.....	
....	..	....	..	....	*	†	*	*	*	*	....	St. Thomas..	
....	..	....	..	....	....	....	*	*	....	....	....	St. Thomas..	
....	..	....	..	....	*	....	....	*	*	....	....	Cuba	
....	..	*	..	....	*	*	*	*	*	....	....	Sombrero ...	
....	..	*	..	....	*	*	....	*	....	....	....	Yucatan	
....	..	....	..	....	*	....	*	*	*	....	....	St. Thomas..	
....	..	....	..	....	*	....	*	*	....	*	....	St. Thomas..	Pliocene.
....	..	*	..	*	*	*	†*	*	....	....	....	Yucatan	Pliocene.
....	..	....	*	....	*	*	....	....	....	....	....	C.Romano...	
....	..	....	..	....	*	....	*	*	....	....	....	Yucatan	
*	*	*	*	....	....	*?	....	....	....	....	....	St.Augustine	Miocene.
....	..	....	..	....	*	*	....	....	....	....	....	Key West ...	Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
494	Urosalpinx tampaensis Conrad					Cedar Keys.
495	U. ? carolinensis Verrill			15.0	$\frac{1\,2\,0}{9\,3\,8}$	Hatteras
496	U. ? macra Verrill			13.0	$\frac{85}{9\,3\,8}$	Hatteras
	Genus TYPHIS Montfort.					
497	T. longicornis Dall	15 38	7 5	15.0 23.0	$\frac{127}{400}$	Gulf of Mex.
	Subfamily *Purpurinæ*.					
	Genus PURPURA Bruguière.					
498	P. patula Linné					Jupiter Inlet.
499	*P. lapillus* Linné	50	1, 2, 3			Norway
500	P. hæmastoma Linné	34 46	3, 4 1*a*–2*b*	50.0		Hatteras
501	P. deltoidea Lamarck					Jupiter Inlet.
	Genus SISTRUM Montfort.					
502	S. roseum Reeve					Gulf of Mex.
503	S. nodulosum C. B. Adams					C. Romano
	Subfamily *Coralliophilinæ*.					
	Genus CORALLIOPHILA Adams.					
504	C. Deburghiæ Reeve	16 44	5 1	20.0 27.0	$\frac{56}{878}$	Hatteras
505	C. abbreviata Lamarck				$\frac{15}{100}$	Cape Fear.
506	C. bracteata Brocchi				$\frac{0}{30}$	Hatteras
507	C. lactuca Dall	16	6	11.0	$\frac{152}{352}$	Fernandina
	Suborder STREPTODONTA.					
	Superfamily PTENOGLOSSA.					
	Genus SCALA Humphrey.					
508	S. angulata Say					Connecticut.
509	S. Sayana Dall	50	10			Virginia
510	S. tenuis Sowerby					Gulf of Mex.
511	S. cburnea Potiez & Michaud					Hatteras
512	S. centiquadra Mörch					Hatteras
513	S. muscapedia Dall			17.5	15	Cape Fear.
514	S. apiculata Dall			5.0	$\frac{17}{50}$	Hatteras
515	S. multistriata Say	50	5			Cape Cod
516	S. Pourtalesii Verrill & Smith	61	92	17.5	$\frac{73}{351}$	Rhode Island
517	*S. contorquata* Dall	18	9	4.7	161	
518	S. ———				56	Florida Str.

TABLE V. E.—*List of Gastropoda*—Continued.

N.J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	....	*	....	....	....	....	....	Sarasota	
....	..	†	..	....	*?	....	....	....	....	....	....	Key West ...	
....	..	†	..	....	†	....	....	....	....	....	....	Cape Florida	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	....	..	*	*	*	*	*	*	....	*	Brazil	
*	..	....	..	....	....	....	....	....	....	*	....	New York...	Pliocene.
....	..	*	*	*	*	....	*	*	*	....	....	Trinidad	
....	..	....	..	*	*	*	*	*	*	*	....	St. Vincent .	
....	..	....	..	....	....	....	*	*	....	....	....	Barbados	
....	..	....	..	....	*	*	....	*	....	....	....	Aspinwall ...	
....	..	†	..	....	†	†	....	†	....	....	....	Barbados....	Miocene.
....	..	*	..	....	*	*	....	*†	....	*	....	Tropics	Pliocene.
....	..	*	..	....	*	....	....	....	....	....	....	Key West ...	
....	..	....	†	....	†	....	....	†	....	....	....	Cuba.....	
*	*	*	*	....	*	*	*	....	*	*	...	Texas	
....	*	*	..	....	*	*	*	....	....	....	....	Key West ...	
....	..	....	..	....	*	....	*	*	*	....	....	St. Thomas..	
....	..	†	..	....	*	....	....	*	*	....	....	Barbados....	
....	..	†	..	....	....	....	....	*	....	....	....	Yucatan.....	
....	..	*	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	....	....	....	....	....	....	....	Cape Fear...	
*	..	*	..	....	....	....	....	....	....	....	....	S. Carolina..	Pliocene.
†	..	....	..	....	....	....	....	†	....	....	....	Sombrero....	
....	..	....	..	....	....	....	....	†	....	....	....	Grenada.....	
....	..	....	..	†	....	....	....	*	....	....	....	Rum Cay....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
519	Scala Dunkeriana Dall	....	.....	.....	.....	Turtle Harb.
520	S. nitidella Dall	....	.....	13.5	33/63	Hatteras ....
521	S. ———	....	.....	.....	8	Cape Florida
522	S. Frielei Dall	....	.....	4.75	63/107	Hatteras ....
523	S. *sericifila* Dall	....	.....	5.1	.....	Gulf of Mex.
524	S. Rushii Dall	....	.....	.....	0/63	Hatteras ....
525	S. clathratula Adams	....	.....	.....	40/146	Rhode Island
526	S. novemcostata Mörch	....	.....	.....	12/60	Hatteras ....
527	S. babylonia Dall	42	8	30.0	731	Cape Fear...
528	S. ———	....	.....	.....	940	Cedar Keys..
529	S. formosissima Jeffreys	18	11	8.0	339	N. Atlantic..
530	S. permodesta Dall	....	.....	.....	.....	C. Lookout..
531	S. scipio Dall	....	.....	16.0	12/30	Hatteras ....
532	S. polacia Dall	18	10	7.25	229	Florida Str..
533	S. Dalliana Verrill & Smith	61	91	10.5	85/192	Rhode Island
534	S. teres Bush	41	8	4.0	14/16	Hatteras ....
535	S. erectispina Mörch	....	.....	.....	5/168	Hatteras ....
536	S. turricula Sowerby	....	.....	.....	16/22	Hatteras ....
537	S. grœnlandica Perry	61 72	90) 10)	.....	.....	Arctic Sea...
538	S. denticulata Sowerby	....	.....	.....	.....	Hatteras ....
539	S. pernobilis Fischer & Bernardi	....	.....	38.0	107/805	Hatteras ....
540	*S. belaurita* Dall	18	11*b*	8.3	73	.....
541	S. clathrus Linné	....	.....	.....	.....	Bahamas ....
542	S. Krebsii Mörch	....	.....	.....	.....	Tortugas ....
543	S. Candeana Orbigny	....	.....	.....	.....	Tortugas ....
544	S. Blandii Mörch	....	.....	.....	.....	Tortugas ....
545	S. lineata Say	....	.....	.....	.....	Cape Cod....
	Section ACRILLA Adams.					
546	S. retifera Dall	....	.....	.....	43/63	Hatteras ....
	Section CIRSOTREMA Mörch.					
547	S. cochlea Sowerby	....	.....	.....	25/124	Hatteras ....
	Subgenus **Opalia** Adams.					
548	O. crenata var. Hotessieriana Orbigny	....	.....	.....	.....	Tortugas ....
549	O. hellenica Forbes	18	1	6.9	8/60	Hatteras ....
550	*O. aurifila* Dall	18	4	11.0	270	.....
551	*O. Leeana* Verrill	61	93	.....	146	Rhode Island
552	O. concava Dall	....	.....	14.0	15/294	Fernandina .
553	O. discobolaria Dall	18	2	6.5	230/294	Fernandina .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	*	....	....	*	....	....	....	Haiti	
....	..	†	..	....	....	*	....	....	....	....	....	Cedar Keys..	
....	..	....	..	....	*	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	....	....	?	*	....	....	....	Honduras ...	
....	..	†	..	....	....	....	....	*	....	....	....	Haiti	
†	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	†*	..	....	....	....	....	*	....	....	....	St. Thomas ..	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	....	†	....	....	....	....	....	.....	
....	..	....	..	....	†	....	....	....	....	....	....	Florida Keys	
....	..	†	..	....	....	....	....	*	....	....	....	Jamaica	
....	..	*	..	....	....	....	*	....	....	....	....	Vera Cruz...	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
†	..	†	..	....	....	....	....	....	....	....	....	Cape Fear...	
....	..	*	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	*	....	....	....	St. Thomas..	
....	..	*	*	....	....	....	....	*	....	....	....	Haiti	
?	..	?*	..	....	....	....	....	....	....	*	*	Rhode Isl'd?.	Pliocene.
....	..	†	..	....	....	*	....	*	....	....	....	Bahamas	
....	..	†	..	....	....	....	....	†	....	....	....	Guadalupe ..	
....	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	?	....	....	*	*	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	Sombrero ...	
....	..	....	..	....	*	....	....	*.	....	....	....	Cuba.....	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
*	*	*	..	....	....	*	....	....	....	....	....	Charlotte H .	Pliocene.
....	..	†	†	†	....	....	....	....	....	....	....	Florida Str..	
....	..	†	..	....	....	*	....	*	....	....	....	Santa Cruz..	
....	..	....	..	....	*	....	....	*	....	....	....	Guadalupe ..	
....	..	†	..	....	*	....	....	*	....	*	....	Haiti	
....	..	....	..	....	....	....	....	†	....	....	....	Martinique ..	
†?	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	*	....	....	....	....	....	....	Florida Str ..	
....	..	....	†	....	†	....	....	†	....	....	....	Cuba.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus ACLIS Lovèn.					
554	A. lata Dall	18	8	5.5	$\frac{100}{294}$	Fernandina.
555	A. egregia Dall	18	12	13.0	$\frac{204}{785}$	Fernandina.
556	A. nucleata Dall	18	7	9.3	$\frac{294}{464}$	Fernandina.
557	A. tenuis Verrill			3.8	$\frac{63}{1769}$	George's B'ks
558	A. striata Verrill			4.0	$\frac{63}{100}$	B. of Fundy.
559	A. ———				$\frac{294}{780}$	Fernandina.
560	A. ———				$\frac{294}{780}$	Fernandina.
561	A. ———				294	Fernandina.
	Family JANTHINIDÆ.					
	Genus JANTHINA Lamarck.					
562	J. communis Lamarck				Pelagic	Nantucket.
563	J. globosa Swainson				Pelagic	Gulf Stream.
564	J. prolongata Blainville				Pelagic	N. Atlantic.
565	J. exigua Lamarck				Pelagic	Gulf Stream.
	Superfamily GYMNOGLOSSA.					
	Family EULIMIDÆ.					
	Genus EULIMA Risso.					
566	E. conoidea Kurtz & Stimpson					Hatteras
567	E. gracilis C. B. Adams					Hatteras
568	E. intermedia Cantraine	52	14		$\frac{11}{645}$	Norway
569	E. jamaicensis C. B. Adams					Cedar Keys.
570	E. subcarinata Orbigny					Hatteras
571	E. Carolii Dall					Hatteras
	Section MELANELLA Bowdich.					
572	E. arcuata C. B. Adams	19	11	4.0		Fernandina.
573	E. elongata Dautzenberg					Norway
574	E. gibba De Folin					Hatteras
	Subgenus **Liostraca** Adams.					
575	L. bilineata Alder					Norway
576	L. acuta Sowerby				$\frac{12}{100}$	C. Lookout.
577	L. stenostoma Jeffreys				$\frac{40}{1062}$	Norway
578	L. fusus Dall	19	11*d*	13.3	$\frac{294}{640}$	Fernandina.
579	L. Hemphillii Dall	48	11	3.0		Cedar Keys.
	Genus STILIFER Broderip.					
580	S. Stimpsoni Verrill				$\frac{6}{1265}$	George's B'ks

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	†	....	....	....	....	†	....	....	....	Barbados....	
....	..	....	†	....	....	....	....	†	....	....	....	Guadalupe ..	P. Pliocene.
....	..	....	†	....	....	....	....	†	....	....	....	St. Vincent..	P. Pliocene.
†	..	*†	..	†	....	....	....	†	....	....	....	Florida Str..	
†	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	....	†	†	....	....	....	†	....	....	....	Florida Str..	
....	..	....	†	†	....	....	....	†	....	....	....	Florida Str..	
....	..	....	†	....	....	....	....	....	....	....	....	.....	
*	*	*	*	*	*	*	*	*	*	*	....	Aspinwall...	
....	..	....	*	*	*	*		*	*	*	....	.....	
....	..	....	..	?	....	....	....	*	*	....	....	.....	
....	..	....	..	....	*	....	....	*	....	....	*	Barbados....	
....	..	*	*	....	*	*	....	*	....	....	....	West Indies .	Pliocene.
....	..	*	..	....	*	*	*	*	....	....	....	St. Thomas..	
†	†	*†	..	....	*	*	....	*†	....	†*	....	Barbados....	
....	..	....	..	....	....	*	....	*	....	....	....	Haiti	
....	..	*	..	....	*	*	....	*	....	....	....	Haiti	
....	..	*	..	....	*	....	....	*	....	....	....	Jamaica.....	Pliocene.
....	..	†	..	....	?	....	....	†	....	*	....	.....	
....	..	*	..	....	*	....	....	*	....	*	....	Barbados....	
....	..	†	..	....	....	....	†	....	....	*	*	Campeche...	
....	..	†*	..	....	†	*	....	†	....	*	....	Haiti	
....	..	*	..	....	....	....	....	*	....	....	*	Barbados....	
....	..	†?	†	....	....	....	....	....	....	*†	....	Fernandina .	
....	..	....	†	....	....	....	†	†	....	....	....	St. Kitts	
....	..	....	..	....	*	*	....	....	....	....	....	Marco.....	
*	..	*?	..	....	*	....	....	....	....	....	....	Fla. Keys ?..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus NISO Risso.					
581	N. splendidula Sowerby	....	.....	27.0	15/111	Cape Fear...
582	N. interrupta Sowerby	18	5,6	20.0	11/84	Florida Str..
583	var. *albida* Dall	18	5	8.1	116	.....
584	var. tricolor Dall	....	.....	.....	15/107	Hatteras ....
585	var. ægleës Bush	41	10, *a*	7.5	7/32	Hatteras ....
586	var. *circinata* Dall	....	.....	.....	.....	.....
	Family PYRAMIDELLIDÆ.					
	Genus PYRAMIDELLA Lamarck.					
	Section LONGCHÆUS Mörch.					
587	P. crenulata Holmes	....	.....	.....	.....	S. Carolina..
588	P. candida Mörch	....	.....	.....	.....	Hatteras ....
	Section PYRAMIDELLA s. s.					
589	P. dolabrata Linné	....	.....	.....	.....	Sarasota ....
	Genus TURBONILLA Leach.					
590	T. lævis C. B. Adams	....	.....	.....	15/107	Hatteras ....
591	T. ——	....	.....	.....	.....	Estella Pass.
592	T. ——	....	.....	.....	12/80	Cape Fear...
593	T. puncta C. B. Adams	....	.....	.....	12/15	Hatteras ....
594	T. exilis C. B. Adams	....	.....	.....	3/63	Hatteras ....
595	T. Bushiana Verrill	....	.....	12.0	3655/14607	Rhode Island
596	*T. Rathbuni* Verrill and Smith	63	104	.....	64/13935	Rhode Island
597	T. pusilla C. B. Adams	....	.....	.....	16/294	Hatteras ....
598	T. ——	....	.....	.....	31/124	Hatteras ....
599	T. ——	....	.....	.....	.....	Hatteras ....
600	T. perlepida Verrill	....	.....	7.0	70	Chesapeake .
601	T. ——	....	.....	.....	63/104	Hatteras ....
602	T. grandis Verrill	....	.....	18.0	1582	Maryland ...
603	T. belotheca Dall	26	7*d*	14.0	50/95	Florida Str..
604	T. interrupta Totten	26	2, 2*b*	11.0	2/107	Nova Scotia .
605	T. ? elegans Verrill	52	6	.....	.....	Mass. Bay ...
606	T. reticulata C. B. Adams	....	.....	.....	.....	Hatteras ....
607	T. multicostata C. B. Adams	....	.....	.....	.....	S. Carolina ..
608	T. obeliscus C. B. Adams	....	.....	.....	12/63	Hatteras ....
609	T. virga Dall	....	.....	8.1	2/15	Hatteras ....
610	T. punicea Dall	....	.....	8.0	2/31	C. Lookout..
611	T. subulata C. B. Adams	....	.....	.....	1/63	Hatteras ....
612	T. ——	....	.....	.....	14/63	Hatteras ....
613	T. curta Dall	26	7*c*	8.3	15/640	Hatteras ....

TABLE V. E.—*List of Gastropoda*—Continued.

N.J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	....	....	†	....	....	....	....	*	New Grenada	
....	..	....	..	....	†	....	....	....	....	....	*	Centr. Am. .	
....	..	....	..	....	....	....	....	*	....	....	....	St. Lucia	
....	..	†*	..	....	....	....	....	....	....	..	....	N. Carolina..	
....	..	*	..	....	....	*	....	....	....	....	....	Tampa	
....	..	....	..	....	....	....	....	*	....	....	....	Barbados....	
....	..	*	..	....	*	*	....	*	....	....	....	St. Thomas ..	Pliocene.
....	..	*	*	....	*	*	....	*	....	....	....	Barbados....	
....	..	....	..	....	*	*	....	*	....	....	....	Barbados....	P. Pliocene.
....	..	†*	..	....	....	....	....	*	....	....	....	Jamaica.....	
....	..	....	..	*	....	....	....	*	....	....	....	Honduras ...	
....	..	†*	..	....	....	*	....	....	....	....	....	Charlotte H.	
....	..	*	..	....	....	....	....	*	....	....	....	Haiti.....	
....	..	†*	..	....	*	*	....	*	....	....	....	Haiti.....	
†?	..	....	..	....	....	....	....	†	....	?	....	Old Provid'ce	
†?	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	*	*	....	....	....	....	*	....	....	....	Barbados....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	*	*	....	....	....	....	....	Charlotte H.	
†	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
†	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	†	†	....	†	....	....	....	Barbados....	
....	..	[†	..	....	*	*	....	†	....	*	....	Barbados....	P. Pliocene.
....	*	*	..	*	....	....	....	....	....	....	....	East Florida.	
....	..	†*	..	....	....	....	....	*	....	....	....	Jamaica.....	
....	..	*	..	....	*	....	....	*	....	....	....	Jamaica.....	
....	..	*	..	....	*	*	....	*	....	....	....	St. Thomas ..	
....	..	*	..	....	*	*	....	....	....	....	....	Key West ...	
....	..	*	*	....	....	*	....	*	....	....	....	Bahamas	
....	..	†*	..	....	*	....	....	*	....	....	....	Haiti	
....	..	†*	..	....	....	....	....	*	....	....	....	Haiti	
....	..	†*	..	....	....	....	†	†	....	....	....	Yucatan.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus **Parthenia** Lowe.					
614	P. cedrosa Dall	48	4	5.5	.....	Cedar Keys.
	Subgenus **Stylopsis** A. Adams.					
615	S. resticula Dall	....	.....	3.5	.....	Gulf of Mex.
	Subgenus ? **Careliopsis** Mörch.					
616	C. styliformis Mörch	....	.....	.....	$\frac{2}{62}$	Hatteras ....
	Genus EULIMELLA Forbes.					
617	E. unifasciata Forbes	19	11*c*	6.0	$\frac{80}{120}$	Britain.....
618	E. ———	....	.....	.....	$\frac{107}{124}$	Hatteras ....
619	E. ———	....	.....	.....	$\frac{63}{107}$	Hatteras ....
620	E. ———	....	.....	.....	168	C. Lookout..
621	E. scillæ Scacchi	....	.....	.....	$\frac{6}{62}$	Norway .....
622	E. lissa Verrill	....	.....	6.0	142	Hatteras ....
	Genus PERISTICHIA Dall.					
623	P. toreta Dall	42	10	10.8	$\frac{2}{22}$	C. Lookout..
624	P. agria Dall	....	.....	6.0	$\frac{2}{63}$	Hatteras ....
	Genus OSCILLA Adams.					
625	O. nivea Mörch	48	2	8.4	.....	Key West ...
	Genus SYRNOLA A. Adams.					
626	S. ———	....	.....	.....	205	Cape Fear...
627	S. producta C. B. Adams	52	13	.....	.....	Mass. Bay ...
628	S. fusca C. B. Adams	52	15	.....	.....	Cape Cod....
	Genus ODOSTOMIA Fleming.					
629	O. unidentata Montagu	....	.....	.....	$\frac{63}{200}$	Norway .....
630	O. engonia Bush	....	.....	5.0	$\frac{16}{200}$	Hatteras ....
631	O. tornata Verrill	....	.....	3.0	$\frac{15}{142}$	Hatteras ....
632	O. acutidens Dall	....	.....	4.2	$\frac{2}{107}$	Hatteras ....
633	O. desparilis Verrill	....	.....	3.2	142	Hatteras ....
634	O. teres Bush	41	9	4.5	$\frac{14}{22}$	Hatteras ....
635	O. trifida Totten	52	8	.....	.....	Mass. Bay ...
636	O. bisuturalis Say	52	7	.....	.....	Mass. Bay ...
637	O. impressa Say	52	11	.....	$\frac{2}{5}$	Mass. Bay ...
638	O. seminuda C. B. Adams	52	10	.....	.....	Mass. Bay ...
639	O. ———	....	.....	.....	.....	Texas. .....

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	....	*	....	....	....	....	....	Gulf of Mex .	
....	..	....	..	....	*	....	....	....	....	....	....	Key West ...	
....	..	†*	..	....	....	*	....	*	....	....	....	St. Thomas ..	
....	..	†	†	....	....	†	....	....	....	....	....	Barbados....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	*	....	....	*	....	....	....	West Indies .	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	*	*	....	....	....	....	....	Key West ...	
....	..	†	..	....	*	....	....	....	....	....	....	Key West ...	
....	..	....	..	....	*	....	....	*	....	....	....	Martinique ..	
....	..	*	..	*	*	....	....	*	....	....	....	Haiti.....	
*	..	....	..	....	....	....	....	....	....	....	....	Delaware ? ..	
*	..	....	..	....	....	....	....	....	....	....	....	Delaware ? ..	
....	..	†	..	†	....	....	....	....	....	....	....	East Florida.	
....	..	*†	..	†	....	....	....	....	....	....	....	East Florida.	
....	..	*†	..	....	....	....	....	....	....	....	....	Cape Fear...	
....	..	†*	..	†	....	*	....	....	....	....	....	West Florida.	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	....	....	....	....	....	....	....	.....	
*	..	....	..	....	....	....	....	....	....	....	....	New Jersey..	
*	..	....	..	....	....	....	....	....	....	....	....	Delaware B..	
*	*	*	*	*	....	*	....	....	....	....	....	Tampa	
*	..	*	..	*	*	*	....	....	....	....	....	Florida Keys.	
....	..	....	..	*	....	....	*	....	....	....	....	Key West ...	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Superfamily TÆNIOGLOSSA.					
	Family TRITONIIDÆ.					
	Genus DISTORTRIX Link.					
640	D. reticulata Link	----	------	------	$\frac{22}{164}$	Hatteras ----
	Genus GYRINEUM Link.					
641	G. affine Broderip	----	------	------	------	Hatteras ----
	Genus TRITONIUM Link.					
642	T. tritonis L. var. nobilis Conrad	----	------	------	121	Key West ----
	Subgenus **Colubraria** Schumacher.					
643	C. testacea Mörch	----	------	------	------	Hatteras ----
644	C. lanceolata Menke	----	------	------	------	Hatteras ----
645	*C. Swiftii* Tryon	----	------	------	------	Bermuda ----
646	*C. reticulata* Blainville	----	------	------	------	Nassau ------
	Subgenus **Ranularia** Schumacher.					
647	R. tuberosa Lamarck	----	------	------	------	Key West ----
	Subgenus **Lampusia** Schumacher.					
648	L. chlorostoma Lamarck	----	------	------	------	Jupiter Inlet.
649	L. pileare Lamarck	----	------	------	------	Key West ----
650	L. gracile Reeve	29	2	25.5	$\frac{24}{100}$	Gulf of Mex.
651	*L. pharcida* Dall	36	2	23.6	82	Antilles?----
652	L. labiosa Wood	----	------	------	$\frac{14}{49}$	Hatteras ----
653	L. olearium Linnæus	----	------	------	------	Hatteras ----
654	L. cynocephala Lamarck	----	------	------	------	Florida Str..
	Subgenus **Lotorium** Montfort.					
655	L. femorale Linné	----	------	------	------	Cedar Keys..
	Family OÖCORITIDÆ.					
	Genus Oöcorys Fischer.					
656	O. abyssorum Verrill & Smith	----	------	------	$\frac{169}{2221}$	Chesapeake.
657	O. sulcata Fischer	62	83	------	------	Hatteras?----
	Family ——?.					
	Genus DALIUM Dall..					
658	*D. solidum* Dall	19	10*d*	41.0	576	Grenada ----

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	†*	..	....	*	*	....	....	....	....	....	Barbados....	
....	..	†	..	....	†	....	†	†	....	....	†	Tropics	
....	..	....	..	....	†	....	....	†	*	?	....	Barbados....	
....	..	†	..	....	*	....	*	†	....	....	....	Sombrero....	Pliocene.
....	..	†	..	....	*	....	†	*	*	....	....	Barbados....	
....	..	....	..	?	....	....	....	†	*	....	....	Barbados....	
....	..	....	..	?	....	....	....	*	....	*	....	Haiti.....	
....	..	....	..	....	*	....	....	*	*	....	*	Tropics.....	
....	..	....	..	*	*	....	*	†	*	....	....	Barbados....	
....	..	....	..	...	*	....	....	*	*	....	....	Trinidad	
....	..	....	..	....	....	*	....	†	....	....	....	Aspinwall ...	
....	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	*	..	....	....	....	....	*	....	*	....	Tropics.....	
....	..	†	..	....	....	....	*	*	....	....	....	Carthagena .	
....	..	....	..	....	*	....	*	*	....	....	....	Margarita Id.	
....	..	....	..	*	*	*	....	*	*	....	....	Guadalupe ..	
....	†	†	..	....	....	†	....	....	....	....	....	Cedar Keys..	
....	..	†	..	....	....	....	....	†	....	†	....	Africa.....	
....	..	....	..	....	....	....	....	†	....	....	....	.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family CASSIDIDÆ.					
	Genus CASSIS Lamarck.					
659	C. cameo Stimpson	....	.....	.....	.....	Hatteras ....
660	C. tuberosa Linné	....	.....	.....	.....	Hatteras ....
661	C. testiculus Linné	....	.....	.....	.....	Hatteras ....
662	C. inflata Shaw	....	.....	.....	.....	Hatteras ....
	Genus GALEODEA Link.					
663	G. Coronadoi Crosse	....	.....	.....	124	Cape Fear...
	Genus LAMBIDIUM Link.					
664	L. oniscus Linné	....	.....	.....	.....	Tortugas ....
	Genus ONISCIDIA Swainson.					
65	O. Dennisoni Reeve	....	.....	.....	130	Gulf of Mex.
	Genus SCONSIA Gray.					
666	S. striata Lamarck	....	.....	.....	85	Cape Florida.
	Family DOLIIDÆ.					
	Genus DOLIUM Lamarck.					
667	D. galea Linné	....	.....	.....	.....	Hatteras ....
668	D. perdix Linné	....	.....	.....	.....	Florida Keys.
	Subgenus **Eudolium** Dall.					
669	E. Crosseanum Monterosato	15 44 62	5) 2*a*–*b* 83, *a*)	35.0	$\frac{80}{407}$	Rhode Island
670	*E. Verrillii* Dall	35	12	32.0	73	Grenada.....
	Genus PYRULA Lamarck.					
671	P. papyratia Say	....	.....	.....	.....	N. Carolina..
	Family AMPHIPERASIDÆ.					
	Genus AMPHIPERAS Gronovius.					
	Subgenus **Simnia** Risso.					
672	S. acicularis Lamarck	....	.....	.....	.....	Cape Fear...
673	S. intermedia Sowerby	....	.....	.....	$\frac{15}{170}$	Hatteras ....
674	S. uniplicata Sowerby	....	.....	.....	$\frac{12}{121}$	N. Carolina..
675	S. aureocincta Dall	....	.....	18.5	$\frac{60}{70}$	Florida Str..
	Genus ULTIMUS Montfort.					
676	U. gibbosus Linné	....	.....	.....	$\frac{16}{60}$	Hatteras ....
	Genus PEDICULARIA Swainson.					
677	P. decussata Gould	19	9*a*, *b*	6.0	$\frac{100}{450}$	Georgia ....

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	*	....	*	*	....	*	..	....	....	Barbados....	
....	..	*	*	....	....	*	....	*	....	....	....	Barbados....	
....	..	*	..	....	*	....	*	*	*	....	....	Trinidad	
....	..	†*	..	†	†	†	*	*†	....	....	....	Brazil.....	
....	..	†	..	....	....	....	....	?*†	....	....	....	Matanzas ...	
....	..	....	..	?	*	....	....	*	....	....	....	Trinidad	
....	..	....	..	....	....	....	†	†	....	....	....	Guadalupe ..	
....	..	....	..	....	†	....	....	†	....	E. I.	....	Barbados....	
....	..	*	..	....	*	*	*	*	....	....	....	Trinidad	
....	..	....	..	....	*	*	....	*	*	....	....	Brazil.....	
....	†	†	†	....	†	....	....	†	....	†	....	Barbados....	
....	..	....	..	....	....	....	....	†	....	....	....	.....	
....	..	*	*	*	*	*	*	*	....	....	....	West Indies .	
....	..	*	..	....	*	....	....	*	....	....	....	Brazil.....	
....	..	*†	..	....	....	....	*†	*†	....	....	....	Brazil.....	
....	..	†*	*	....	*†	*	....	†*	....	....	....	Barbados....	
....	..	....	..	....	†	....	....	†	....	....	....	Sombrero ...	
....	..	....	*	....	*	*	....	*	*	....	....	Trinidad	
....	..	....	†	....	....	....	....	†	....	....	....	Barbados....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family CYPRÆIDÆ.					
	Genus CYPRÆA Linné.					
678	C. exanthema Linné	....	.....	100. 0	0/10	Hatteras ....
679	C. cinerea Gmelin	....	.....	.....	0/163	Hatteras ....
680	C. spurca Linné	....	.....	.....	0/26	Cedar Keys..
681	var. flaveola Lam	....	.....	.....	.....	Key West ...
	Genus TRIVIA Gray.					
682	T. pediculus Linné	....	.....	.....	.....	St. Augustine
683	T. suffusa Gray	....	.....	.....	.....	Cedar Keys..
684	T. subrostrata Gray	....	.....	.....	80/177	Florida Str..
685	T. nivea Gray	....	.....	.....	.....	Florida Keys
686	T. candidula Gaskoin	....	.....	.....	18/140	Hatteras ....
687	T. globosa Gray	....	.....	.....	23/640	Cedar Keys..
688	T. quadripunctata Gray	....	.....	.....	0/15	Jupiter Inlet
	Genus ERATO Risso.					
689	E. Maugeriæ Gray	....	.....	.....	0/63	Hatteras ....
	Family CARINARIIDÆ.					
	Genus CARINARIA Lamarck.					
690	C. mediterranea Peron & Lesueur	....	.....	.....	.....	N. lat. 40°...
	Genus ATLANTA Lesueur.					
691	A. Peronii Lesueur	43 66	4, 4*a* 110*a*	....	Pelagic	N. lat. 42°...
692	A. Gaudichaudi Eyd. & Soul	66	111	.....	Pelagic	N. lat. 40°...
693	A. rosea Souleyet	....	.....	.....	Pelagic	N. lat. 41°...
694	A. Lamanoni Eyd. & Soul	....	.....	.....	Pelagic	N. lat. 39°...
695	A. pulchella Verrill	....	.....	.....	Pelagic	N. lat. 40°...
696	A. inclinata Souleyet	....	.....	.....	Pelagic	N. lat. 41°...
	Genus OXYGYRUS Benson.					
697	O. Keraudreni Orbigny	....	.....	.....	Pelagic	N. lat. 40°...
	Family STROMBIDÆ.					
	Genus STROMBUS Linné.					
698	S. gigas Linné	....	.....	.....	.....	Florida Keys.
699	S. pugilis Linné	....	.....	.....	.....	Hatteras ....
700	S. bituberculatus Lamarck	....	.....	.....	.....	Jupiter Inlet
701	S. accipitrinus Lamarck	....	.....	.....	.....	Florida Keys.
702	S. costatus Gmelin	....	.....	.....	.....	St. Augustine

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	....	*	*	*	*	*	....	*	Darien	
....	..	†	..	....	†	†	*	*	*	....	....	Guadalupe ..	
....	..	....	..	*	*	*	....	*	....	*	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	Swan Islands	
....	..	....	*	*	*	*	....	*	*	....	....	Barbados....	Pliocene.
....	..	....	..	....	*	*	*	*	....	....	....	Barbados....	
....	..	....	..	....	* †	....	....	* †	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	Barbados....	
....	..	*	..	....	*	*	....	† *	....	*	....	Barbados....	
....	..	....	..	....	* †	*	....	* †	....	....	....	Barbados....	Pliocene.
....	..	....	..	....	*	....	....	*	*	....	....	Barbados....	
....	..	* †	..	....	*	*	*	....	....	....	....	Aspinwall...	Pliocene.
*	..	*	..	....	*	....	....	*	*	*	....	Tropics	Pliocene
....	..	*	*	*	*	*	*	*	*	*?	?	Tropics	Pliocene.
*	..	....	*	....	....	....	....	....	....	....	....	Tropics	
*	*	....	*	....	....	....	....	....	....	....	....	Tropics	
*	..	....	*	....	....	....	....	....	....	....	....	Tropics	
*	..	....	..	....	....	....	....	....	....	....	....	.....	
*	..	*	..	....	....	....	....	....	....	....	....	Tropics	
*	*	*	*	*	*	*	*	*	*	....	....	Tropics	P. Pliocene.
....	..	....	..	....	*	....	....	*	*	....	....	Carthagena .	
....	..	*	..	*	*	*	*	*	*	....	....	Aspinwall...	
....	..	....	..	*	*	....	....	*	....	....	....	Guadalupe ..	
....	..	....	..	....	*	....	....	*	....	....	....	Guadalupe ..	
....	..	....	*	*	*	*	....	....	....	....	....	Guadalupe ..	? Pliocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family TRIFORIDÆ.					
	Genus TRIFORIS Deshayes.					
	Section TRIFORIS s. s.					
703	T. mirabilis C. B. Adams	....	.....	.....	.....	C. Lookout ..
704	T. lilacina Dall	....	.....	9.0	6	Turtle Harb,
	Section MASTONIA Hinds.					
705	T. perversa L. var. nigrocincta Ad	....	.....	.....	$\frac{0}{30}$	Cape Cod....
706	T. decorata C. B. Ad. var. olivacea Dall	....	.....	.....	.....	W. Florida ..
707	T. pulchella C. B. Adams	....	.....	.....	.....	Florida Str..
708	T. turristhomæ Orbigny	41	6	.....	.....	Hatteras ....
709	T. melanura C. B. Adams	....	.....	.....	.....	Hatteras ....
	Section INELLA Bayle.					
710	T. longissima Dall	20	10	26.0	$\frac{175}{450}$	Hatteras ....
711	T. triserialis Dall	20	5*a*, 6*a*	15.5	$\frac{125}{154}$	Hatteras ....
712	var. aspera Jeffreys	....	.....	.....	$\frac{125}{731}$	N. Atlantic ..
713	var. intermedia Dall	20	8	11.0	.....	Florida Str..
714	T. colon Dall	20	12	12.0	$\frac{450}{1002}$	Florida Str..
	Section SYCHAR Hinds.					
715	T. bigemma Watson	....	.....	.....	$\frac{294}{640}$	Fernandina .
716	var. hircus Dall	20	11	12.5	640	Gulf of Mex .
717	T. abrupta Dall	20	9	7.5	640	Gulf of Mex .
718	T. torticula Dall	20	11*b*	10.5	640	Gulf of Mex .
719	T. inflata Watson	....	.....	.....	$\frac{294}{640}$	Georgia .....
720	var. ibex Dall	....	.....	.....	$\frac{450}{640}$	Florida Str..
721	T. cylindrella Dall	20	6	6.5	640	Gulf of Mex .
722	T. Rushii Dall	....	.....	.....	200	Florida Str..
	Family CERITHIOPSIDÆ.					
	Genus SEILA A. Adams.					
723	S. terebralis C. B. Adams	52	5	.....	$\frac{0}{20}$	Mass. Bay....
	Genus CERITHIOPSIS F. & H.					
724	C. tubercularis Montagu	....	.....	.....	.....	N. Europe...
725	C. Greenii C. B. Adams	52	2	.....	$\frac{3}{10}$	Mass. Bay....
726	C. crystallina Dall	20	3	16.0	$\frac{50}{805}$	Gulf of Mex .
727	C. Martensii Dall	20	2	11.25	$\frac{229}{1181}$	Lat. 24° 15′ .
728	C. pulchella Jeffreys	....	.....	4.2	$\frac{2}{63}$	Britain.....
729	C. Sigsbeeana Dall	20	1	10.5	220	Gulf of Mex .

TABLE V. E.—*List of Gastropoda*—Continued.

N.J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	....	*	....	....	*	....	....	....	Jamaica.....	
....	..	....	..	....	*	....	....	....	....	....	....	Florida Str..	
*	*	*	*	....	*	*	....	....	....	*	....	Key West?..	Pliocene.
....	..	....	..	....	*	*†	....	*	....	....	....	Haiti.....	
....	..	....	..	....	*†	....	....	*	....	....	....	Haiti.....	
....	..	*	..	....	*†	....	....	*	....	....	....	Guadalupe..	
....	..	....	..	....	*	....	....	*	....	....	....	Jamaica.....	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	†	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	†	....	†	....	....	†	....	*	....	Florida Str..	
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	†	....	†	†	....	....	....	Yucatan.....	
....	..	....	†	....	....	....	....	†	....	....	....	St. Thomas..	
....	..	....	..	....	....	....	†	†	....	....	....	Yucatan.....	
....	..	....	..	....	....	....	†	†	....	....	....	Yucatan.....	
....	..	....	..	....	....	....	†	†	....	....	....	Yucatan.....	
....	..	....	†	....	....	....	†	†	....	....	....	Culebra.....	
....	..	....	..	....	*†	....	†	....	....	....	....	Yucatan.....	
....	..	....	..	....	....	....	†	....	....	....	....	Yucatan.....	
....	..	....	..	†	....	....	....	†	....	....	....	Bahamas....	
*	..	*	..	....	*	*	*	....	....	?*	....	Haiti.....	Miocene.
....	..	....	..	....	*	....	....	....	....	*	....	Key West...	
....	..	*	*	*	*	*	*	*	*	....	....	Haiti.....	
....	..	....	..	†	†	*†	....	†	....	....	....	Barbados....	
....	..	....	..	....	....	†	....	....	....	....	....	Gulf of Mex.	
....	..	†	..	....	....	....	....	....	....	*	....	Hatteras....	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Section METAXIA Monterosato.					
730	C. abrupta Watson	20	5	4.3	15/100	Cape Fear.
731	C. metaxæ Della Chiaje				2/220	Hatteras
732	var. tæniolata Dall				15/52	C. Lookout.
	Subgenus **Eumeta** Mörch.					
733	E. subulata Montagu	20 52	4 1	14.3	2/15	Cape Cod.
	Subgenus **Cerithiella** Verrill.					
734	C. Whiteavesii Verrill				238/343	Gulf St. Law.
	Family CERITHIIDÆ.					
	Genus Bittium Leach.					
735	B. alternatum Say	52	4			Mass. Bay.
736	B. ? (Alaba ?) Adamsi Dall					Hatteras
737	B. ? (Alaba ?) cerithidioides Dall					C. Lookout.
	Section DIASTOMA Deshayes.					
738	B. varium Pfeiffer					Chesapeake.
	Genus CERITHIUM Bruguière.					
739	C. floridanum Mörch					Hatteras
740	C. algicola C. B. Adams					Tampa
741	C. uncinatum (Gmel.) Tryon					Key Largo
742	C. eburneum Bruguière					Key West
743	C. literatum Born					Jupiter Inlet
744	var. semiferrugineum Lamarck					St. Augustine
745	C. muscarum Say					Jupiter Inlet
746	C. variabile C. B. Adams					Tampa
747	C. minimum Gmelin					Tampa
748	var. nigrescens Menke					Tampa
	Genus CERITHIDEA Swainson.					
749	C. costata Wood					Tampa
750	C. scalariformis Say					Georgia
751	C. varicosa Sowerby					Texas
752	C. turrita Stearns					Cedar Keys.
	Family PLANAXIDÆ.					
	Genus PLANAXIS Lamarck.					
753	P. nucleus Wood					Tortugas
754	P. lineatus Da Costa					Key West

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	?†	....	....	....	....	†	....	†	....	Barbados....	
....	..	*	..	....	*†	....	....	†	....	*	....	Key West ...	
....	..	†*	..	....	....	....	....	....	....	....	....	Cape Fear...	
*	..	*	..	....		*	*	*	....	....	....	Grenada.....	
....	..	†	†	....	....	....	....	....	....	....	....	Fernandina..	
*	?	*?	..	....	....	....	....	....	....	....	....	C. Lookout..	
....	..	*	..	....	*	*	....	*	....	....	....	Haiti	
....	..	*	..	....	....	....	....	*	....	....	....	Haiti	
....	*	*	..	....	*	*	*	*	....	....	....	St. Thomas ..	
....	..	*	..	....	*	*	....	*	....	....	....	Cuba.....	Pliocene.
....	..	....	..	....	*	*	....	*	*	....	....	Jamaica.....	
....	..	....	..	....	*	....	....	*	....	....	....	Jamaica.....	
....	..	....	..	....	*	....	....	*	....	....	....	Swan Islands	
....	..	....	..	*	*	*	....	*	*	....	....	Swan Islands	
....	..	....	*	....	*	....	....	*	....	....	....	Santa Cruz..	
....	..	....	..	*	*	*	....	....	*	....	....	Jamaica.....	
....	..	....	..	....	*	*	....	*	*	....	....	Curaçoa.....	
....	..	....	..	....	*	*	....	*	*	....	....	Guadalupe ..	
....	..	....	..	....	*	*	....	*	*	....	....	Venezuela...	
....	..	....	..	....	*	*	....	†	....	....	....	Jamaica.....	
....	..	....	*	*	*	*	*	....	....	....	....	Key West ...	
....	..	....	..	....	....	?	*	*	....	....	....	Jamaica.....	
....	..	....	..	....	*	*	....	*	....	....	....	Bahamas....	
....	..	....	..	....	*	....	....	*	*	....	....	Darien	
....	..	....	..	....	*	....	....	*	....	....	....	Barbados....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family MODULIDÆ.					
	Genus MODULUS Gray.					
755	M. modulus Linné					Hatteras
756	var. floridanus Conrad					Florida Keys.
757	var. catenulatus Philippi					Florida Keys.
	Family TRICHOTROPIDÆ.					
	Genus TRICHOTROPIS Sowerby.					
	Subgenus **Mesostoma** Deshayes.					
758	M. migrans Dall	29	8	9.25	80	Florida Str.
	Subgenus **Dolophanes** Gabb.					
759	*D. Gabbi* Dall	29	7	9.0	785	
760	D. columbella Dall					Gulf of Mex.
	Family CÆCIDÆ.					
	Genus CÆCUM Fleming.					
761	C. floridanum Stimpson				$\frac{2}{18}$	Hatteras
762	C. pulchellum Stimpson	50	22		$\frac{1}{62}$	Cape Cod
763	C. instructum De Folin					Hatteras
764	C. bipartitum De Folin					Hatteras
765	C ———					Florida Keys.
766	C. Cooperi Smith	43	8			Cape Cod.
767	C. decussatum De Folin					Key Largo.
768	C. carolinianum Dall				$\frac{2}{63}$	Hatteras
769	C ———					Tampa
770	C. glabrum Montagu					Cape Fear.
	Subgenus **Meioceras** Carpenter.					
771	M. Deshayesii De Folin					Tampa
772	M. nitidum Stimpson					Tampa
773	M. undulosum De Folin					Charlotte H.
	Family SEGUENZIIDÆ.					
	Genus SEGUENZIA Jeffreys.					
774	S. monocingulata Seguenza	62	88, 89	5.0	$\frac{100}{2033}$	Gulf of Maine
775	S. trispinosa Watson			3.5	$\frac{294}{675}$	Hatteras
776	S. ionica Watson			4.5	$\frac{390}{1568}$	Gulf of Mex.
777	S. ———				$\frac{382}{805}$	Gulf of Mex.
778	S. carinata Watson			4.0	$\frac{675}{1125}$	N. Atlantic

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Ber-mu-da.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	*	*	*	....	*	*	....	....	Carthagena .	Pliocene.
....	..	....	..	....	*	*	....	*	*	....	....	St. Thomas..	Pliocene.
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
....	..	....	..	....	†	....	....	†	....	....	....	Havana	
....	..	....	..	....	....	....	....	†	....	....	....	St. Vincent..	Miocene.
....	..	....	..	....	†	....	....	†	....	....	....	Havana	Miocene.
....	..	*	..	....	*	*	....	*	....	....	....	Brazil.....	Pliocene.
*	..	*	..	....	*	....	....	....	....	....	....	Tortugas....	
....	..	*	..	....	....	*	....	....	....	....	....	Tampa	Pliocene.
....	..	*	..	....	....	*	....	....	....	....	....	.....	
....	..	....	..	....	*	....	....	....	....	....	....	Key West ...	
*	..	*	..	....	....	....	....	*	....	....	....	Jamaica	Pliocene.
....	..	....	..	....	*	....	....	*	....	....	....	Bahamas....	
....	..	†	..	....	*	*	....	....	....	....	....	Tortugas....	
....	..	....	..	....	....	*	....	....	....	....	....	Tampa	
....	..	*	..	....	....	*	....	....	....	*	....	Tampa	Pliocene.
....	..	....	..	....	*	*	....	*	....	....	....	Jamaica	
....	..	....	..	....	*	*	....	*	....	....	....	Jamaica	
....	..	....	..	....	....	*	....	*	....	....	....	Jamaica	Pliocene.
†	..	†	..	†	....	†	†	†	....	....	....	Brazil	Miocene.
....	..	†	†	....	....	....	†	†	....	....	....	Brazil	
....	..	....	..	....	†	....	....	†	....	†	....	Culebra	
....	..	....	..	....	....	†	....	†	....	....	....	Old Provid'ce	
....	..	....	..	†	....	....	....	†	....	†	....	Brazil	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family VERMETIDÆ.					
	Genus SILIQUARIA Bruguière.					
779	S. squamata Blainville	....	.....	.....	$\frac{8}{163}$	Sarasota ....
780	S. modesta Dall	26	4	26, 0	$\frac{94}{805}$	Cedar Keys..
	Genus VERMICULARIA Lamarck.					
781	V. spirata Philippi	51	4	.....	$\frac{3}{175}$	N. England..
782	V.? nigricans Dall	....	.....	.....	$\frac{2}{14}$	Gulf of Mex.
	Genus SIPHONIUM Mörch.					
783	S. nebulosum Dillwyn	....	.....	.....	.....	St. Augustine
	Genus VERMETUS Mörch.					
	Subgenus **Petaloconchus** Lea.					
784	P. erectus Dall	38	4	25. 0	$\frac{37}{805}$	Gulf of Mex .
785	P. irregularis Orbigny	....	.....	.....	.....	Cedar Keys..
	Genus BIVONIA Gray.					
786	B. exserta Dall	26	6	11. 0	$\frac{31}{1002}$	C. Lookout..
	Family TURRITELLIDÆ.					
	Genus TURRITELLA Lamarck					
	Section HAUSTATOR Montfort.					
787	T. variegata Linné	....	.....	.....	.....	Texas.....
788	T. yucatecana Dall	26	3	16. 5	640	Gulf of Mex.
	Section TORCULA Gray.					
789	T. exoleta Linné	....	.....	.....	$\frac{45}{170}$	Cape Florida
790	T. ———	....	.....	.....	$\frac{40}{60}$	Hatteras ....
791	T. acropora Dall	....	.....	.....	$\frac{3}{413}$	Hatteras ....
	Family MATHILDIIDÆ.					
	Genus MATHILDA Semper.					
792	M. yucatecana Dall	20	7	8. 0	$\frac{294}{640}$	Savannah ...
793	*M. barbadensis* Dall	26	10	6. 2	100	.....
794	M. Rushii Dall	....	.....	5. 0	$\frac{294}{465}$	Fernandina .
795	M. scitula Dall	....	.....	5. 25	$\frac{49}{294}$	Hatteras ....
	Subgenus **Gegania** Jeffreys.					
796	G. Jeffreysi Dall	....	.....	.....	294	Fernandina .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	--	....	--	....	*	*	....	*	*	....	....	Barbados....	
....	--	....	--	....	†	†	....	†	....	....	....	Curaçoa.....	
....	*	*	*	*	*	*	*	*	*	....	....	Santa Cruz..	
....	--	....	--	....	*	*	*	*	....	....	....	Florida Str..	
....	--	....	--	*	*	*	....	*	....	....	....	Tortola	
....	--	....	--	....	†	†	....	†	....	....	....	Barbados....	
....	--	....	--	....	*	*	....	*	....	....	....	Guadalupe ..	
....	--	*	--	....	†	†	†	*	....	....	....	Barbados....	
....	--	....	--	....	....	....	*	*	....	....	....	Carthagena .	
....	--	....	--	....	....	....	†	†	....	....	....	Yucatan.....	
....	--	....	--	....	†	†	*	†	....	....	....	Barbados....	Pliocene.
....	--	†*	--	....	....	....	*	....	....	....	....	Texas	
....	--	*†	--	....	*	*†	....	†	....	....	....	Grenada.....	Pliocene.
....	--	....	†	....	....	....	†	†	....	....	....	Yucatan.....	
....	--	....	--	....	....	....	....	†	....	?	....	Barbados....	
....	--	....	†	†	....	....	....	....	....	....	....	Florida Str..	
....	--	†	†	....	....	....	....	....	....	....	....	Fernandina..	
....	--	....	†	....	....	....	....	....	....	....	....	.....	

TABLE V. F.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family LITORINIDÆ.					
	Genus LITORINA Férussac.					
	Section MELARAPHE Muhlfeldt.					
797	L. ziczac Dillwyn					Florida Keys
798	var. lineata Philippi					Jupiter Inlet.
799	L. angulifera Lamarck					Jupiter Inlet.
	Section LITORINA s. s.					
800	L. guttata Philippi					Tortugas
801	L. mespilum Menke					Texas.
802	L. irrorata Say	69	6			Rhode Island
803	L. rudis Donovan	51 69	6 3			Arctic Ocean.
804	L. palliata Say	51	5			Nova Scotia
	Genus LACUNA Turton.					
805	L. vincta Turton	52	19			Arctic Ocean.
	Subgenus **Cithna** A. Adams.					
806	C. tenella Jeffreys				$\frac{114}{2050}$	N. Atlantic.
	Genus TECTARIUS Valenciennes.					
807	T. muricatus Linné					Jupiter Inlet.
	Genus ECHINELLA Swainson.					
808	E. nodulosa Pfeiffer					C. Lookout.
	Family FOSSARIDÆ.					
	Genus FOSSARUS Philippi.					
809	F. elegans Verrill	62	87		$\frac{100}{142}$	Rhode Island
	Subgenus **Gottoina** Adams.					
810	G. bella Dall	28	10	3.55	$\frac{15}{107}$	Hatteras
811	G. compacta Dall	28	6	2.33	$\frac{49}{107}$	Hatteras
	Subgenus **Isapis** Carpenter.					
812	I. anomala C. B. Adams				294	Fernandina
	Family LITIOPIDÆ.					
	Genus ALABA A. Adams.					
813	A. tervaricosa C. B. Adams					Tampa
814	A. conoidea Dall				$\frac{200}{294}$	Fernandina

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	*	....	*	*	*	....	....	Barbados....	
....	..	....	..	*	*	....	....	*	....	....	....	Guadalupe ..	
....	..	....	..	*	*	*	*	*	*	....	....	Carthagena .	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas ..	
....	..	....	..	....	....	....	*	*	....	....	....	Barbado.s...	
*	..	*	*	*	....	*	*	*	....	....	....	Jamaica.....	
*	..	....	..	....	....	....	....	....	....	*	*	New Jersey..	P. Pliocene.
*	..	....	..	....	....	....	....	....	....	....	....	New Jersey..	P. Pliocene.
*	..	....	..	....	....	....	....	....	....	*	*	New Jersey..	P. Pliocene.
*	..	....	†	†	....	....	....	....	....	†	*	Brazil.....	Pliocene.
....	..	....	..	*	*	*	....	*	*	....	....	Aspinwall...	
....	..	*	..	*	*	....	*	*	*	....	....	Barbados....	
†	†	†	..	....	....	....	....	....	....	....	....	Cape Fear...	
....	..	†	..	....	*	....	....	....	....	....	....	Florida Keys.	
....	..	†	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	....	**	....	....	....	....	*	....	....	....	Jamaica	
....	..	....	..	....	*	*	....	*	....	....	....	Haiti	
....	..	....	†	....	....	....	....	†	....	....	....	Campeche Bk	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus LITIOPA Rang.					
815	L. bombyx Kiener				Pelagic.	Maine
	Family SOLARIIDÆ.					
	Genus FLUXINA Dall.					
816	F. brunnea Dall	22	6, 6*a*	10.7	$\frac{80}{966}$	Florida Str.
817	*F. discula* Dall	23	5, 6	3.0	982	
	Genus SOLARIUM Lamarck.					
818	S. granulatum Lamarck					Hatteras
819	*S. peracutum* Dall	33	2, 5	6.0	$\frac{73}{180}$	
820	S. Sigsbeei Dall	23	3, 3*a*	2.3	310	Florida Str.
821	S. bisulcatum Orbigny				$\frac{115}{193}$	Hatteras
822	var. boreale Verrill	62	95*a*	12.0	$\frac{22}{249}$	Rhode Island
823	S. Krebsii Mörch				63	Hatteras
	Genus TORINIA Gray.					
824	T. canalifera C. B. Adams					Gulf of Mex.
825	T. cyclostoma Menke					Key West
826	T. cylindrica Gmelin					Gulf of Mex.
	Genus OMALAXIS Deshayes.					
827	O. nobilis Verrill	46	12	3.0	$\frac{70}{292}$	Chesapeake
828	O. lamellifera Dall				205	Florida Str.
	Family RISSOIDÆ.					
	Genus RISSOA Fréminville.					
	Section CINGULA.					
829	R. minuta Totten	52	17		$\frac{0}{13}$	Nova Scotia
	Section ONOBA.					
830	R. aculeus Gould	52	12		$\frac{0}{349}$	Arctic Sea
831	R. ———					Marco
	Section RISSOA s. s.					
832	R. Jan-Mayeni Friele	61	86		$\frac{100}{500}$	Arctic Sea
833	var. brychia Verrill			2.3	$\frac{100}{1290}$	Rhode Island
834	R. Sandersoni Verrill			4.0	142	Hatteras
835	R. castanea Moller				$\frac{2}{102}$	Arctic Sea
836	R. pelagica Stimpson				$\frac{4}{355}$	Arctic Sea
837	R. exarata Stimpson				$\frac{4}{107}$	Nova Scotia
838	R. precipitata Dall	19	1	4.0	$\frac{498}{640}$	Gun Cay

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
*	..	*	*	*	*	....	....	*	....	....	....	Brazil.....	P. Pliocene.
....	..	....	..	....	†	....	....	†	....	....	....	Jamaica	
....	..	....	..	....	....	....	....	†	....	....	....	Dominica ...	
....	..	†	..	....	....	....	*	†	....	....	*	Sombrero ...	
....	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
...	..	†	†	†	....	....	....	*	....	....	....	Martinique ..	
?†	..	†*	..	†	....	....	....	†	....	....	....	Florida Str..	
....	..	†	..	....	....	....	....	*	....	....	....	Porto Plata .	
....	..	....	..	....	....	....	*	*	....	....	....	Guadalupe ..	
...	..	....	..	....	*	....	....	....	....	....	....	St. Thomas..	
....	..	....	..	....	....	....	*	....	....	....	....	St. Thomas..	
†	†	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	†	....	....	....	....	....	....	....	Cuba	
*	..	....	..	....	....	....	....	....	....	....	....	New Jersey...	
*	..	....	..	....	....	....	....	....	....	....	....	New York ...	
....	..	....	..	...	....	*	....	....	....	....	....	Gulf of Mex.	
†	..	†	..	....	....	....	....	....	....	....	....	Hatteras	
†	..	†	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
...	..	†	..	....	....	....	....	....	....	*†	....	Hatteras	
....	..	*†	†	†.	....	....	....	....	....	....	....	Florida Str..	
...	..	†	..	....	....	....	....	....	....	....	....	Hatteras	P. Pliocene.
....	..	....	..	†	....	....	†	....	....	....	....	Yucatan	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
839	Rissoa ———				63	Hatteras
840	R. acuticostata Dall	19	10	3.7	32/683	Hatteras
841	R. pyrrhias Watson			3.0	390/780	Florida Str.
842	R. xanthias Watson			2.5	390/390	Florida Str.
843	R. syngenes Verrill			3.0	142	Hatteras
	Genus BENTHONELLA Dall.					
844	B. gaza Dall	42	5	6.5	6/463	Fernandina
845	B. Fischeri Dall			5.3	940/1060	Cedar Keys
846	B. nisonis Dall			9.0	940	Gulf of Mex.
	Genus RISSOINA Orbigny.					
847	R. decussata Montagu				2/17	Cape Fear
848	R. lævigata C. B. Adams				0/22	C. Lookout
849	R. bryerea Montagu				0/16	Florida Keys
850	R. Chesnelii Michaud					Hatteras
851	R. multicostata C. B. Adams					Key Largo
852	R. Sagraiana Orbigny					Florida Str.
853	R. cancellata Philippi					Florida Keys
	Family ADEORBIDÆ.					
	Genus SKENEA Fleming.					
854	S. planorbis Fabricius	52	18			Arctic Sea
	Genus ADEORBIS Wood.					
855	A. supranitidus Wood	41	7, 7*a*		15/23	N. Atlantic
856	var. Orbignyi Fischer				17/193	Norway
857	A. Beaui Fischer					Florida Keys
858	*A.? olivaceus* Verrill	44	5	4.0	193/1290	Gulf of Maine
	Genus CLATHRELLA Recluz.					
859	C. naticoides Dall				22	Hatteras
	Family AMPULLARIIDÆ.					
	Genus AMPULLARIA Lam.					
860	A. depressa Say					Georgia
861	A. caliginosa Reeve					Florida
	Family ASSIMINEIDÆ.					
	Genus ASSIMINEA Leach.					
862	A. Auberiana Orbigny					Cedar Keys
863	A. concinna C. B. Adams					Key West
864	A. ———					Tampa

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	*†	†	†	....	....	....	Barbados....	
....	..	....	..	....	†	....	....	†	....	....	....	Culebra.....	
....	..	....	..	†	....	....	....	†	....	....	....	Brazil.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	†	†	....	†	†	†	....	....	....	Cuba.....	
....	..	....	..	....	....	†	†	†	...	....	....	Cuba.....	
....	..	....	..	....	....	†	....	....	....	....	....	Cedar Keys .	
....	..	*	..	....	*	*	....	*	....	....	....	Haiti	Pliocene.
....	..	*	..	....	*	*	....	*	....	....	....	St. Thomas..	Pliocene.
....	..	....	..	....	*	....	....	*	*	....	....	Barbados....	
....	..	*	..	....	*	*	....	*	....	....	....	Guadalupe ..	Pliocene.
....	..	....	..	....	*	....	....	*	....	....	....	Guadalupe ..	Pliocene.
....	..	....	..	....	*	....	*	*	....	....	....	Martinique..	
....	..	....	..	....	*	....	....	*	*	...	....	Haiti	
*	..	*	..	....	....	*	....	....	....	*	*	Charlotte H .	
....	..	*	..	....	....	*	....	....	....	*†	....	Cedar Keys .	Pliocene.
....	..	*	..	....	....	*	....	*†	....	*†	....	Guadalupe ..	Pliocene.
....	..	....	..	....	*	....	....	*	....	....	....	Guadalupe ..	
?†	..	....	..	....	....	....	....	....	....	....	....	Rhode Island	
....	..	*	..	....	....	....	....	†	....	....	....	Old Provid'ce	
....	..	....	*	*	*	*	*	*	....	....	....	Mexico.....	P. Pliocene.
....	..	....	..	....	....	*	*	*	....	....	....	Central Am..	
....	..	....	..	....	*	*	....	*	*	....	....	Cuba.....	
....	..	....	..	....	*	....	....	*	....	....	....	Haiti	
....	..	....	..	....	....	*	....	....	....	....	....	.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Family TRUNCATELLIDÆ.					
	Genus TRUNCATELLA Risso.					
865	T. caribæënsis Sowerby					Alabama
866	T. bilabiata Pfeiffer					Sarasota
867	T. pulchella Pfeiffer					Tampa
868	T. subcylindrica Gray					Tampa
	Family ———— ?					
	Genus SEPARATISTA Gray.					
	Subgenus **Haloceras** Dall.					
869	H. cingulata Verrill				$\frac{906}{1497}$	Gulf of Maine
	Family CHORISTIDÆ.					
	Genus CHORISTES Carpenter.					
870	*C. elegans* Carpenter	44	9*a–b*		$\frac{193}{640}$	Gulf of Me. ?
	Family CALYPTRÆIDÆ.					
	Genus MITRULARIA Schumacher.					
871	M. equestris Linné				$\frac{15}{189}$	Hatteras
	Genus CRUCIBULUM Schumacher					
872	C. auricula Gmelin				$\frac{25}{111}$	Cedar Keys
873	C. striatum Say	50	27, 28		$\frac{3}{189}$	Nova Scotia
	Genus CALYPTRÆA Lamarck.					
874	C. Candeana Orbigny				$\frac{6}{52}$	Hatteras
	Genus CREPIDULA Lamarck.					
875	C. fornicata Linné	48 50	16 23, 24		$\frac{0}{15}$	Pr. Ed. Isl'd
876	C. convexa Say	50	25		$\frac{0}{22}$	Nova Scotia
	Section JANACUS Mörch.					
877	C. plana Say	48 50	12 26		$\frac{0}{487}$	Pr. Ed. Isl'd
	Section SANDALIUM Schum.					
878	C. aculeata Gmelin				$\frac{0}{25}$	C. Lookout
	Family CAPULIDÆ.					
	Genus CAPULUS Montfort.					
879	C. hungaricus Linné	44 48	6 8	12.0	$\frac{0}{458}$	Iceland

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	*	*	?	*	....	....	....	Guadalupe ..	
....	..	....	..	....	*	*	....	*	....	....	....	Honduras ...	
....	..	....	?	*	*	*	*	*	....	....	....	St. Thomas ..	
....	..	....	..	....	*	*	....	*	*	....	....	St. Thomas ..	
†	?†	....	..	....	....	....	....	....	....	....	....	Delaware B .	
†?	..	....	..	....	....	....	....	....	....	....	....	Rhode Island	P. Pliocene.
....	..	*	..	....	*†	†	*	*	....	....	....	Barbados....	Pliocene.
....	..	....	..	....	*	*	*	*	....	....	....	Barbados....	Pliocene.
*	..	*	..	....	†	....	....	?	....	....	....	Florida Keys.	Pliocene.
....	..	*	..	*	*	*	....	*	....	....	....	Haiti.....	
*	*	*	*	*	*	*	*	*	....	....	....	Carthagena .	Miocene.
*	..	*	*	*	....	....	....	....	....	....	....	East Florida.	
*	*	*	*	*	*	*	*	*	*	?	....	Trinidad	Miocene.
....	..	*	*	*	*	*	*	*	*	....	....	Barbados....	Pliocene.
†	..	†	..	....	*	....	....	....	*	*†	....	Florida Keys.	Miocene.

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Section KREBSIA Mörch.					
880	Capulus intortus Lamarck	....	.....	.....	.....	Key West ...
	Section HYALORISIA Dall.					
881	*C. galea* Dall	14	3	18.5	218	Barbados....
	Family AMALTHEIDÆ.					
	Genus AMALTHEA Schumacher.					
882	A. benthophila Dall	14	1*a*, *b*	8.0	$\frac{50}{373}$	Sand Key....
883	A. antiquata Linné	....	.....	.....	.....	Turtle Harb.
884	A. subrufa Lamarck	....	.....	.....	.....	Key West ...
	Family XENOPHORIDÆ.					
	Genus XENOPHORA Fischer.					
885	X. conchyliophora Born	....	.....	.....	$\frac{14}{250}$	Hatteras ....
886	X. caribæa Petit	....	.....	.....	$\frac{14}{274}$	Hatteras ....
	Family NATICIDÆ.					
	Genus NATICA Lamarck.					
887	N. maroccana Dillwyn	....	.....	.....	.....	Hatteras ....
888	N. livida Pfeiffer	....	.....	.....	.....	Hatteras ....
889	N. canrena Lamarck	....	.....	.....	.....	Hatteras ....
890	N. castrensis Dall	....	.....	12.5	$\frac{27}{100}$	Key West ...
891	N. perlineata Dall	....	.....	18.5	$\frac{70}{229}$	Gulf of Mex.
892	N. pusilla Say	50	21	.....	$\frac{2}{15}$	Massachus'ts
	Subgenus **Neverita** Risso.					
893	N. duplicata Say	51	12	.....	.....	Mass. Bay...
894	N. nubila Dall	....	.....	13.0	$\frac{140}{200}$	Gulf of Mex.
	Subgenus **Lunatia** Gray.					
895	L. heros Say	51	1, 11	.....	$\frac{0}{238}$	Labrador....
896	var. triseriata Say	50	18, 19	.....	$\frac{0}{63}$	Labrador....
897	L. grœnlandica Möller	....	.....	.....	.....	Arctic Sea...
898	L. tenuis Recluz	....	.....	.....	$\frac{84}{640}$	Cape Fear...
899	*L. levicula* Verrill	44	3	40.0	$\frac{26}{100}$	Gulf of Maine
900	L. semisulcata Gray	....	.....	.....	.....	Jupiter Inlet
901	L. immaculata Totten	50	20	.....	$\frac{0}{50}$	Nova Scotia.
902	L. leptalea Watson	....	.....	.....	$\frac{450}{640}$	Fernandina .
903	L. fringilla Dall	21	12	5.75	$\frac{382}{640}$	Gulf of Mex.
904	var. perla Dall	21	11	6.5	$\frac{294}{424}$	Fernandina .

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	--	....	--	....	*	†	....	*	....	....	....	Barbados....	
....	--	....	--	....	....	....	....	†	....	...	....	.....	
....	--	....	--	....	†	....	....	†	....	....	....	St. Vincent..	
....	--	....	--	....	*	....	....	*	....	....	....	Aspinwall.	
....	--	....	--	....	*	....	....	*	....	....	....	Barbados....	
....	--	*	--	....	*†	†	....	†	*	....	....	Guadalupe ..	Eocene.
....	--	*	--	....	†	†	....	†	....	....	....	Barbados....	
....	--	†	--	....	....	†	....	†	*	*	....	Barbados....	Eocene.
....	--	†	--	....	†	†	....	†	....	....	....	Barbados....	
....	--	*	--	*	*	*	*	*	*	....	....	Carthagena .	Pliocene.
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
*	--	*	*	*	*	*	....	....	....	....	....	Florida Keys	
*	*	*	*	*	*	*	*	....	....	....	....	Vera Cruz ...	Miocene.
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
*	*	*	?	....	....	....	....	....	....	....	....	Hog Isl'd, Va.	Miocene.
*	--	†	--	....	....	....	....	....	....	....	....	Hatteras	Miocene.
*	--	*	--	....	....	....	....	....	....	....	....	Hatteras	
....	--	†	--	....	†	....	†	†	....	....	....	Cuba.....	
†?	--	....	--	....	....	....	....	....	....	....	....	Rhode Islan	
....	--	....	--	*	....	*	....	*	....	....	....	Porto Rico ..	
....	--	*	--	....	....	....	....	....	....	....	....	Hatteras ...	
....	--	....	†	†	†	....	†	†	....	....	....	Sombrero ...	
....	--	....	--	....	....	....	....	†	....	....	....	Old Provid'ce	
....	--	....	†	....	....	....	....	†	?	....	....	St. Vincent..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus **Polynices** Montfort.					
905	P. uberina Orbigny				14/70	Hatteras
906	P. lactea Guilding					Florida Keys.
907	P. brunnea Link					Tortugas
	Genus SIGARETUS Lamarck.					
908	S. perspectivus Say					New York
909	S. maculatus Say					Hatteras
910	S. minor Dall			4.0	54/84	Cape Florida
	Subgenus **Eunaticina** Fischer.					
911	E. carolinensis Dall			5.5	63/124	Hatteras
	Genus GYRODES Conrad.					
912	G. depressa Seguenza				15/1360	N. Atlantic
	Family LAMELLARIIDÆ.					
	Genus LAMELLARIA Montagu.					
913	L. Rangii Bergh					Gulf of Mex.
914	L. pellucida Verrill	72	5		86/787	Rhode Island
	Genus MARSENINA Gray.					
915	M. ampla Verrill					Eastport
	Superfamily DOCOGLOSSA.					
	Family ACMÆIDÆ.					
	Genus ACMÆA Eschscholtz.					
916	A. Candeana Orbigny					Florida Str.
917	A. punctulata Gmelin					Florida Keys.
918	var. pulcherrima Guilding					Key West
919	A. melanoleuca Gmelin					Charlotte H.
920	A. testudinalis Linné	51	2, 3	40.0	0/3	Arctic Sea
921	var. alveus Couthouy	51	7, 8		0/5	Arctic Sea
	Genus PECTINODONTA Dall.					
922	*P. arcuata* Dall	25	3*a*, *b*	5.0	226/583	Haiti
	Family LEPETIDÆ ?					
	Genus PROPILIDIUM F. & H.					
923	P.? elegans Verrill			3.5	1395	Chesapeake
924	*P.? pertenue* Jeffreys				640	Rhode Island
925	P. ancyloide F. & H.	31	2*b*, *c*			Norway

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	†*	..	....	*	*	....	†	....	....	....	Sombrero....	
....	..	....	..	....	*	?	*	*	*	....	....	Brazil.....	
....	..	....	..	....	*	....	*	*	....	....	....	Trinidad	
*	*	*	..	*	*	*	*	*	....	....	....	Martinique ..	
....	..	*	..	....	*	*	....	*	....	....	....	Guadalupe ..	
....	..	....	..	....	†	†	....	†	....	....	....	Sombrero	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	*†	..	....	....	....	....	....	....	*	....	C. Lookout..	Pliocene.
....	..	....	..	....	....	....	*	....	....	....	....	.....	
†	†	*	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	....	..	....	....	*	....	....	....	....	....	Sarasota	
....	..	....	..	....	*	....	*	*	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	Barbados....	
....	..	....	..	*	*	....	....	*	....	....	....	Cuba.....	
....	..	....	..	....	*	*	....	*	....	....	....	St. Thomas ..	
*	..	....	..	....	....	....	....	....	....	*	*	New York...	P. Pliocene.
*	..	....	..	....	....	....	....	....	....	....	*	New York...	P. Pliocene.
....	..	....	..	....	....	....	....	†	....	....	....	St. Lucia	
†	†	....	..	....	....	....	....	....	....	....	....	Virginia	
?†	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	....	....	....	....	....	†	....	.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus LEPETELLA Verrill.					
926	L. tubicola Verrill	25	6	3.75	139/547	Rhode Island
	Superfamily RHIPIDOGLOSSA.					
	Family SCUTELLINIDÆ.					
	Genus SCUTELLINA Gray.					
927	S. antillarum Shuttleworth	31	10, 11	.....	.....	Key West
	Family ADDISONIIDÆ.					
	Genus ADDISONIA Dall.					
928	A. paradoxa Dall	25 44 63	1, *a–e* 10, 11*a* 100*a*	12.0	50/640	Rhode Island
	Family COCCULINIDÆ.					
	Genus COCCULINA Dall.					
929	C. Rathbuni Dall	25	5, 7, 7*a*	13.0	100/616	Rhode Island
930	C. Dalli Verrill	....	.....	6.0	317	Delaware
931	C. Beanii Dall	25 44	2, 4, 8 12	8.0	100/883	Rhode Island
932	C. reticulata Verrill	....	.....	2.6	70	Chesapeake
933	C. spinigera Jeffreys	31	7, 8, 9	2.0	335/843	N. Atlantic
934	C. leptalea Verrill	63	101	4.0	294/2033	Rhode Island
	Family PHASIANELLIDÆ.					
	Genus PHASIANELLA Lamarck.					
935	P. brevis Orbigny	19	10*b*	2.0	15/287	Hatteras
936	P. umbilicata Orbigny	....	.....	.....	2/15	C. Lookout
937	P. pulchella C. B. Adams	....	.....	.....	.....	Cedar Keys
	Family TURBINIDÆ.					
	Genus TURBO Linné.					
938	T. Spenglerianus Chemnitz	....	.....	.....	.....	Florida Str.
939	T. filosus Kiener	....	.....	.....	.....	Tortugas
940	T. castaneus Gmelin	....	.....	.....	25/295	Hatteras
941	T. crenulatus Gmelin	....	.....	.....	2/30	Hatteras
	Genus ASTRALIUM Link.					
942	A. cælatum Gmelin	....	.....	.....	.....	Key West
943	A. imbricatum Gmelin	....	.....	.....	.....	Florida Keys
944	A. tuber Linné	....	.....	.....	.....	Jupiter Inlet
945	A. longispinum Lamarck	....	.....	.....	.....	Florida Keys
946	A. brevispinum Lamarck	....	.....	.....	.....	Florida Keys
947	A. americanum Gmelin	....	.....	.....	.....	Florida Keys

TABLE V. E.—*List of Gastropoda*—Continued.

N.J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
†	†	....	†	....	....	†	....	....	....	†	....	Cedar Keys..	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
†	†	....	..	....	....	....	....	....	....	?†	....	Chesapeake .	
?†	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
†	..	....	..	....	....	....	....	....	....	....	....	.....	
†	..	....	†	....	....	....	....	†	....	....	....	Barbados....	
†	†	*	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	†	..	....	....	....	....	....	....	†	....	Hatteras	
†	†	†	†	....	....	....	....	....	....	....	....	Fernandina .	
....	..	†*	..	....	†	....	....	†	....	....	....	Martinique..	
....	..	*	..	....	*	....	....	*	*	....	....	Guadalupe ..	
....	..	....	..	....	*	*	....	*	*	....	....	St. Thomas..	
....	.	....	..	?	....	....	....	*	....	....	....	Guadalupe ..	
....	..	....	..	....	*	....	....	....	....	....	....	.....	
....	..	*	..	....	*	*	....	*	....	....	....	Trinidad	
....	..	*	..	*	*	*	....	*	....	....	....	Barbados....	
....	.	....	..	....	*	....	....	*	....	....	....	Tortola.....	
....	..	....	..	....	*	....	....	*	....	....	....	St. Lucia....	
....	..	....	..	*	*	....	....	*	....	....	....	Martinique ..	
....	..	....	..	....	*	....	....	*	*	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	Aspinwall ...	
....	..	....	..	....	*	....	....	*	....	....	....	Carthagena..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus LEPTOTHYRA Carpenter.					
948	L. induta Watson	38	6	7.0	$\frac{15}{2805}$	Hatteras
949	*L. Philipiana* Dall	34	7, 7*a*	3.5	138	
950	L. Linnæi Dall	33	9	5.5	$\frac{116}{805}$	Florida Str.
	Family TROCHIDÆ.					
	Genus OMPHALIUS Philippi.					
951	*O. excavatus* Lamarck					Florida Str.
952	O. fasciatus Born					Texas
953	O. indusii Gmelin					Key West
954	O. Hotessierianus Orbigny					Florida Str.
	Genus LIVONA Gray.					
955	L. pica Linné					Charlotte H.
	Genus GAZA Watson.					
956	G. superba Dall	22	4, 4*a*	32.0	$\frac{218}{324}$	Gulf of Mex.
957	G. Fischeri Dall	37	6	16.0	$\frac{423}{426}$	Gulf of Mex.
	Subgenus **Callogaza** Dall.					
958	C. Watsoni Dall	22 23 24	7, 7*a* 1, 1*a* 2, 2*a*	7.75 8.0 6.0	$\frac{84}{640}$	Gulf of Mex.
	Genus MICROGAZA Dall.					
959	M. rotella Dall	22	5, 5*a*	4.0	$\frac{73}{805}$	Hatteras
	Genus UMBONIUM Link.					
960	U. Bairdii Dall	21	6, 6*a*	4.0	$\frac{200}{640}$	Florida Keys
	Genus TEINOSTOMA Adams.					
961	T. semistriata Orbigny					Key West
962	T. cryptospira Verrill			2.5	$\frac{62}{142}$	Hatteras
963	T. ———			3.5	294	Fernandina
	Subgenus **Ethalia** H. & A. Adams.					
964	E. multistriata Verrill			2.5	$\frac{3}{142}$	Hatteras
965	E. solida Dall	28	3, 5	2.0	310	Gulf of Mex.
966	E. ———				$\frac{25}{294}$	Fernandina
967	E. reclusa Dall	28	7, 8	1.0	$\frac{13}{63}$	Hatteras
968	E. suppressa Dall			0.75		West Florida
	Genus DILLWYNELLA Dall.					
969	*D. modesta* Dall	21	3, 3*a*	3.0	226	
	Genus DISCOPSIS De Folin.					
970	D. omalos De Folin			0.2		Fernandina

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	†	†	....	*†	....	†	†	....	....	....	Martinique ..	
....	..	....	..	....	....	....	....	†	...	....	....	Dominica ...	
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
...	..	....	..	....	?	....	....	*	....	....	....	Guadalupe ..	
....	..	....	..	....	*	....	....	....	....	....	....	Trinidad	
....	..	....	..	....	*	....	....	....	....	....	....	Santa Cruz..	
....	..	....	..	?	*?	....	....	*	....	..	....	Guadalupe ..	
....	..	....	..	....	*	*	....	*	*	....	....	Aspinwall...	
....	..	....	..	....	....	†	....	†	....	....	....	Barbados....	
....	..	....	..	....	....	†	....	†	....	....	....	St. Lucia....	
....	..	....	..	....	†	†	....	†	....	....	....	Barbados....	
....	..	†	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	†	....	....	†	....	....	....	Yucatan.....	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	†	....	....	....	....	†	....	....	....	Barbados....	
....	*†	....	*	....	....	....	....	*	....	....	....	Haiti	
....	..	....	..	....	....	†	....	†	....	....	....	Cuba.....	
....	..	....	†	†	....	....	....	....	....	....	....	S. E. Florida.	
....	..	*†	..	....	....	....	....	....	....	....	....	Cape Fear...	
....	..	....	..	....	....	*	....	....	....	....	....	Gulf of Mex.	
....	..	....	..	....	....	....	....	†	....	....	....	St. Lucia....	
....	..	....	*?	....	....	....	....	†	....	....	....	Guadalupe ..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon	Range in depth.	Northern extreme range.
	Genus COCHLIOLEPIS Stimpson.					
971	C. parasitica Stimpson	....	.....	.....	.....	S. Carolina..
972	C. striata Stimpson	....	.....	1.5	.....	Tampa .....
	Genus CALLIOSTOMA Swainson.					
973	C. euglyptum A. Adams	....	.....	.....	$\frac{3}{32}$	Hatteras ....
974	C. Bairdii V. & S	63	96	.....	$\frac{56}{640}$	Rhode Island
975	*C. aurora* Dall	37	2	21.0	$\frac{140}{576}$	.....
976	C. circumcinctum Dall	22	3, 3*a*	8.0	$\frac{640}{805}$	Gulf of Mex.
977	C. echinatum Dall	21	2*a*, 5	5.25	80	Gulf of Mex.
978	C. sapidum Dall	21	2, 4	5.0	805	Gulf of Mex.
979	C. corbis Dall	33	1	5.0	$\frac{220}{450}$	Gulf of Mex.
980	C. tiara Watson	....	.....	.....	$\frac{220}{780}$	Gulf of Mex.
981	C. roseolum Dall	24	6, 6*a*	9.5	$\frac{21}{200}$	Hatteras ....
982	C. apicinum Dall	24	3, 3*a*	7.5	$\frac{73}{175}$	Gulf of Mex.
983	C. pulcher C. B. Adams	....	.....	.....	$\frac{15}{63}$	Hatteras ....
984	C. orion Dall	28	2	4.5	80	Florida Str..
	Section EUCASTA Dall.					
985	*C. indiana* Dall	32	3, 5	8.3	170	.....
	Section EUTROCHUS A. Adams.					
986	C. jujubinum Gmelin	....	.....	.....	.....	Hatteras ....
987	var. Tampaënsis Conrad	....	.....	.....	.....	Hatteras ....
988	var. Rawsoni Dall	....	.....	.....	.....	Cedar Keys..
989	C. yucatecanum Dall	24	4, 4*a*	7.0	$\frac{15}{32}$	Cape Fear...
990	C. Sayanum Dall	33	10, 11	37.0	$\frac{107}{120}$	Hatteras ....
991	C. Benedicti Dall	32	7	14.0	200	C. Lookout..
992	C. cinctellum Dall	32	1.4	9.5	175	Florida Str..
	Section DENTISTYLA Dall.					
993	C. asperrimum Dall	....	.....	7.5	$\frac{100}{177}$	Hatteras ....
994	var. *dentiferum* Dall	23	7, 8	7.5	140	.....
995	*C. sericifilum* Dall	24	1, 1*a*	4.5	92	.....
	Genus MARGARITA Leach.					
996	M. erythrocoma Dall	28	1	5.0	$\frac{16}{54}$	Florida Keys
	Subgenus **Turcicula** Dall.					
997	T. imperialis Dall	22	1, 1*a*	?15.0	$\frac{182}{200}$	Florida Str..
	Subgenus **Bathymophila** Dall.					
998	B. euspira Dall	32	8	5.75	$\frac{390}{805}$	N. Atlantic ..

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time
....	..	*	..	....	*	*	....	....	....	....	....	Florida Keys	
....	.	....	..	....	....	*	....	....	....	....	....	Gulf of Mex.	
....	..	*	*	*	*	*	*	....	....	....	....	Vera Cruz...	
†	†	*†	..	†	†	....	....	†	....	....	....	Florida Keys	
....	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	*	....	†	†	....	....	....	Yucatan	
....	..	....	..	....	*	....	....	*	....	....	....	Cuba.....	
....	..	....	..	....	*	....	....	*	....	....	....	Cuba	
....	..	....	..	....	†	†	....	†	....	....	....	Jamaica	
....	..	....	..	....	†	....	†	†	†	....	....	Dominica ...	
....	..	†	..	†	†	*	†	†	....	....	....	Yucatan	
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	*†	..	....	*	....	*	*	....	....	....	St. Thomas..	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	....	..	....	....	....	....	†	....	....	....	Grenada	
....	..	*	*	*	*	*	*	*	....	....	....	Carthagena .	Pliocene.
....	..	*	*	*	*	*	....	*	....	....	....	Honduras ...	
....	..	....	..	....	....	*	....	*	....	....	....	Mauritius ...	
....	..	*	..	....	....	*	....	*	....	....	....	Yucatan	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba	
....	..	†	..	....	†	†	....	†	....	....	....	Barbados....	
....	..	....	..	....	....	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	....	....	....	†	....	....	....	Grenada	
....	..	....	..	....	†	....	....	†	....	....	....	Haiti	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	....	..	....	†	....	....	†	....	....	....	Culebra.....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Subgenus **Solariella** A. Adams.					
999	S. amabilis Jeffreys	....	.....	.....	$\frac{193}{888}$	Norway
1000	S. lamellosa V. & S	63	98	.....	$\frac{15}{192}$	Rhode Island
1001	*S. obscura* Couthouy	52	16	.....	$\frac{10}{487}$	Arctic Sea
1002	S. ægleis Watson	....	.....	.....	$\frac{200}{640}$	Fernandina
1003	var. lata Dall	....	.....	.....	$\frac{213}{805}$	Florida Str.
1004	var. rhina Watson	....	.....	.....	$\frac{384}{1000}$	Florida Str.
1005	var. clavata Watson	....	.....	.....	$\frac{300}{805}$	Florida Str.
1006	S. infundibulum Watson	....	.....	.....	$\frac{769}{1685}$	Delaware
1007	S. Ottoi Philippi	44 63	14 97	.....	$\frac{64}{1558}$	Hebrides
1008	S. scabriuscula Dall	21	10, 10*a*	4.75	539	Gulf of Mex.
1009	S. lissocona Dall	21	8, 8*a*	5.5	$\frac{327}{321}$	Cedar Keys.
1010	S. lacunella Dall	21	1, 1*a*	4.5	$\frac{10}{124}$	C. Hatteras.
1011	var. depressa Dall	....	.....	.....	805	Gulf of Mex.
1012	S. iris Dall	21	7, 7*a*	5.0	119	Florida Keys.
1013	S. ———	....	.....	.....	294	Fernandina
1014	S. ———	....	.....	.....	169	Cedar Keys.
1015	S. lubrica Dall	21	9, 9*a*	4.0	$\frac{116}{805}$	Cedar Keys.
1016	var. iridea Dall	....	.....	3.8	193	Cape Florida.
	Genus EUCHELUS Philippi.					
1017	E. guttarosea Dall	33	7	5.0	$\frac{16}{460}$	Florida Str.
1018	E. eucasta Dall	....	.....	.....	440	Georgia
	Genus BASILISSA Watson.					
1019	B. alta Watson	....	.....	.....	$\frac{339}{1019}$	Cedar Keys.
1020	var. delicatula Dall	22	2, 2*a*	5.0	805	Gulf of Mex.
1021	B. superba Watson	....	.....	.....	$\frac{400}{1400}$	Gulf of Mex.
	Section ANCISTROBASIS Dall.					
1022	B. costulata Watson	....	.....	.....	$\frac{15}{640}$	Georgia
1023	var. depressa Dall	23	4, 4*a*	2.5	640	Gulf of Mex.
	Family DELPHINULIDÆ.					
	Genus LIOTIA Gray.					
1024	L. cruentata Muhlfeldt	....	.....	.....	.....	Key West
1025	L. Riisii Dunker	....	.....	.....	.....	Tortugas
1026	L. Briareus Dall	24	5, 5*a*	7.5	$\frac{76}{480}$	Florida Str.
1027	var. perforata Dall	....	.....	.....	$\frac{76}{480}$	Florida Str.
1028	var. aspina Dall	....	.....	.....	$\frac{76}{480}$	Florida Str.
1029	L. Bairdii Dall	33	8	6.0	$\frac{15}{60}$	Hatteras
1030	var. trullata Dall	....	.....	.....	.....	Gulf of Mex.

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	--	....	--	....	†	†	....	†	....	*	....	St. Lucia....	
....	--	*†	--	....	....	....	....	†	....	....	....	Barbados ...	
?†	--	....	--	....	....	....	....	....	....	*†	*	Rhode Island	
....	--	....	†	....	....	†	....	†	....	....	....	St. Vincent..	
....	--	....	--	†	†	....	....	†	....	†	....	Martinque...	Pliocene.
....	--	....	--	....	†	....	....	†	....	†	....	St. Vincent..	
....	--	....	--	....	†	....	....	†	....	....	....	Brazil.....	
†	†	....	--	....	†	....	....	†	†	....	....	Brazil.....	
†	†	....	--	....	....	....	....	†	....	†	....	St. Thomas..	Pliocene.
....	--	....	--	....	†	....	....	†	....	....	....	Cuba	
....	--	....	--	....	†	†	....	....	....	....	....	Gulf of Mex.	
....	--	†	--	....	†	....	....	†	....	....	....	Santa Cruz..	
....	--	....	--	....	†	....	....	....	....	....	....	Florida Keys.	
....	--	....	--	....	†	....	....	....	....	....	....	Florida Str..	
....	--	....	†	....	....	....	....	....	....	....	....	.....	
....	--	....	--	....	....	†	....	....	....	....	....	Gulf of Mex.	
....	--	....	--	....	†	†	....	†	....	....	....	St. Lucia....	
....	--	....	--	....	†	†	....	....	....	....	....	Gulf of Mex.	
....	--	....	--	....	†	....	....	*†	....	....	....	Haiti.....	
....	--	....	†	....	....	....	....	....	....	....	....	.....	
....	--	....	--	....	....	†	....	†	....	....	....	Brazil.....	
....	--	....	--	....	†	....	....	†	....	....	....	Tobago	
....	--	....	--	....	....	†	....	....	....	....	....	Australia....	
....	--	....	†	....	*	....	....	†	....	....	....	Culebra	
....	--	....	--	....	....	....	†	†	....	....	....	Yucatan.....	
....	--	....	--	....	*	....	....	*	....	....	....	Honduras ...	
....	--	....	--	....	*	....	....	*	....	....	....	St. Thomas..	
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
....	--	....	--	....	†	....	....	†	....	....	....	Barbados....	
....	--	†	†	....	*†	....	....	†	....	....	....	Havana.....	
....	--	....	--	....	†	....	....	†	....	....	....	Florida Str..	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
1031	Liotia tricarinata Stearns	....	.....	.....	$\frac{12}{22}$	Hatteras ....
1032	L. miniata Dall	28	11	2.0	15	Florida Str..
1033	L. variabilis Dall	23	2, 2*a*	4.5	$\frac{22}{220}$	Hatteras ....
1034	var. *microforis* Dall	....	.....	.....	$\frac{54}{170}$	Cuba.....
	Subgenus **Lippistes** Montfort.					
1035	L. acrilla Dall	32	6, 11	2.0	.....	Garden Key .
1036	L. amabilis Dall	32	9, 12	2.0	80	Florida Str..
	Subgenus **Laxispira** Gabb.					
1037	L. nitida Verrill	46	11	5.0	1423	N. lat. 38°...
	Family CYCLOSTREMATIDÆ.					
	Genus VITRINELLA C. B. Adams.					
1038	V. multicarinata Stimpson	....	.....	1.5	15	Hatteras ....
1039	V. interrupta C. B. Adams	....	.....	.....	.....	Tampa.....
	Genus CYCLOSTREMA Marryat.					
1040	C. trochoides Jeffreys	....	.....	2.0	$\frac{98}{2033}$	N. Atlantic..
1041	C. fulgidum Jeffreys	63	99	2.0	$\frac{487}{858}$	Gulf of Maine
1042	C. ornatum Verrill	....	.....	.....	$\frac{15}{843}$	Hatteras ....
1043	*C. cingulatum* Verrill	....	.....	2.0	547	N. lat. 40°..
1044	C. valvatoides Jeffreys	....	.....	.....	$\frac{168}{1024}$	C. Lookout..
1045	C. diaphanum Verrill	....	.....	2.5	$\frac{98}{2033}$	Rhode Island
1046	C. turbinum Dall	33	5	2.75	80	Florida Str..
1047	C. pompholyx Dall	28	9	3.0	$\frac{294}{805}$	Fernandina .
1048	C. cistronium Dall	....	.....	1.6	$\frac{23}{63}$	Hatteras ....
1049	C. cancellatum Jeffreys	....	.....	2.5	$\frac{294}{1100}$	N. Atlantic..
	Subgenus **Granigyra** Dall.					
1050	G. limata Dall	....	.....	2.5	310	Florida Str..
	Genus MOLLERIA.					
1051	M. costulata Möller	72	9	.....	$\frac{10}{294}$	N. Atlantic..
	Family NERITIDÆ.					
	Genus NERITA Bruguière.					
1052	N. peloronta Linné	....	.....	.....	.....	Jupiter Inlet
1053	N. tessellata Gmelin	....	.....	.....	.....	Jupiter Inlet
1054	var. præcognita C. B. Adams	....	.....	.....	.....	S. Florida...
1055	N. versicolor Lamarck	....	.....	.....	.....	Pine Key....

TABLE V. E.—*List of Gastropoda*—Continued.

N.J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	*	..	....	....	*	....	....	....	....	....	Tampa	Pliocene.
....	..	....	..	*	....	....	....	*	....	....	....	Barbados....	
....	..	*	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	....	....	....	†	....	....	....	Grenada	
....	..	....	..	....	*	....	....	....	....	....	....	Florida Str ..	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
†	†	....	..	....	....	....	....	....	....	....	....	.....	
....	..	*	..	....	....	*	....	....	....	....	....	Florida.....	
....	..	....	..	....	....	*	....	*	....	....	....	Jamaica	
....	..	†	..	....	....	†	....	†	....	†	....	Old Provid'ce	
†	..	*	†	....	....	....	....	....	....	....	....	Fernandina .	
....	..	*†	†	....	....	....	....	....	....	....	....	Fernandina .	
?†	..	....	..	....	....	....	....	....	....	....	....	Rhode Island	
....	..	†	†	....	†	....	....	†	....	....	....	Cuba.....	
†	..	†	†	....	....	....	....	....	....	....	....	Fernandina .	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	....	†	....	†	....	....	†	....	....	....	Cuba.....	
....	..	†*	..	....	....	....	....	....	....	....	....	Cape Fear...	
....	..	....	†	....	....	....	....	†	....	†	....	Yucatan.....	
....	..	....	..	....	†	....	....	†	....	....	....	Cuba.....	
....	..	....	†	....	....	....	....	....	....	*†	....	Fernandina .	Pliocene.
....	..	....	..	*	*	....	*	*	*	....	....	St. Vincent..	
....	..	....	..	*	*	*	*	*	*	....	....	Aspinwall...	
....	..	....	..	....	*	....	....	*	....	....	....	Aspinwall...	
....	..	....	..	....	*	*	....	*	*	....	....	Aspinwall...	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus NERITINA Lamarck.					
1056	N. reclivata Say					St. Augustine
1057	var. palmæ Dall					Palma Sola
1058	N. virginea Linné					Tampa
1059	N. pupa Linné					Charlotte H.
1060	N. viridis Lamarck					No Name Key
	Section THEODOXUS Montfort.					
1061	N. Showalteri Lea				Fluv.	Alabama
	Family STOMATIIDÆ.					
	Genus STOMATELLA Lamarck.					
1062	S. picta Orbigny					Florida Keys
	Superfamily ZYGOBRANCHIA.					
	Family HALIOTIDÆ.					
	Genus HALIOTIS Linné.					
1063	H. Pourtalesii Dall				200	Florida Str.
	? Family SCISSURELLIDÆ.					
	Genus SCISSURELLA Orbigny.					
1064	S. crispata Fleming	48	15		$\frac{4}{790}$	Norway
1065	S. alta Watson				$\frac{150}{200}$	Florida Str.
1066	S.———				$\frac{234}{434}$	Fernandina
	Family PLEUROTOMARIIDÆ.					
	Genus PLEUROTOMARIA Sowerby.					
1067	P. Quoyana Fischer and Bernardi	29 31 37	1 1*a–c* 5	42.0	$\frac{73}{130}$	Gulf of Mex.
1068	*P. Adansoniana* Crosse and Fischer	30 31 32 37	— 3, 6 10 4	130.0	$\frac{69}{200}$	Guadalupe
	Family FISSURELLIDÆ.					
	Genus PUNCTURELLA Lowe.					
1069	P. circularis Dall	26	7, 7*b*	3.0	539	Gulf of Mex.
1070	P. trifolium Dall	26	8, 8*b*	7.0	640	Gulf of Mex.
1071	P. Watsoni Dall			3.0	$\frac{100}{200}$	Gulf of Mex.
1072	P. profundi Jeffreys				$\frac{200}{396}$	Fernandina
1073	P. agger Watson				$\frac{390}{460}$	Florida Str.
1074	*P. eritmeta* Verrill			5.0	1451	Rhode Island

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
----	--	----	*	*	----	*	*	*	----	----	----	Jamaica	
----	--	----	--	----	----	----	*	----	----	----	----	----------	
----	--	---	--	----	*	*	*	*	----	----	----	Brazil	
----	--	----	--	----	*	*	----	*	----	----	----	Jamaica	
----	--	----	--	----	*	----	*	*	*	----	----	Barbados	
----	--	----	--	----	----	*	----	----	----	----	----	----------	
----	--	----	--	----	*	----	----	*	----	----	----	St. Barts	
----	--	----	--	----	†	----	----	†	----	----	----	----------	
†	†	----	†	----	----	----	----	----	----	*†	----	Fernandina	Pliocene.
----	--	----	--	†	----	----	----	†	----	----	----	Barbados	
----	--	----	†	----	----	----	----	----	----	----	----	St. Augustine	
----	--	----	--	----	----	----	†	†	----	----	----	Barbados	
----	--	----	--	----	----	----	----	†	----	----	----	Barbados	Pliocene. ?
----	--	----	--	----	†	----	----	†	----	----	----	Florida Str	
----	--	----	--	----	----	----	†	†	----	----	----	Yucatan	
----	--	----	--	----	----	----	†	†	----	----	----	Barbados	
----	--	----	†	----	----	----	----	†	----	----	----	Culebra	
----	--	----	--	†	----	----	----	†	----	----	----	Culebra	
?†	--	----	--	----	----	----	----	----	----	----	----	----------	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
1075	Puncturella sportella Watson				330/430	N. lat. 24°
1076	P. abyssicola Verrill			10.0	1537	N. lat. 39°
1077	P. erecta Dall			7.0	107	Hatteras
	Subgenus **Fissurisepta** Seguenza.					
1078	F. triangulata Dall				200/390	Fernandina
1079	F. rostrata Seguenza					N. Atlantic
	Subgenus **Cranopsis** Adams.					
1080	C. asturiana Fischer					N. Atlantic
	Genus EMARGINULA Lamarck.					
	Subgenus **Rimula** Defrance.					
1081	R. frenulata Dall	28	4	2.3	6/52	Hatteras
	Subgenus **Subemarginula** Blainville.					
1082	S. octoradiata Gmelin					Tortugas
1083	S.———				300	Gulf of Mex.
	Subgenus **Emarginula** s. s.					
1084	E. tumida Sowerby					Gulf of Mex.
1085	E. pumila A. Adams				10/16	Turtle Harb.
1086	E. cancellata Philippi				8/287	Britain
1087	E. compressa Cantraine				84/640	Portugal
	Genus FISSURELLA Bruguière.					
1088	F. alternata Say				1/60	Hatteras
1089	var. Sayi Dall				50/94	Florida Str.
1090	F. nodosa Born					Tortugas
1091	F. Listeri Orbigny					Indian Key
1092	F. cayennensis Lamarck					Cedar Keys
1093	F. gemmulata Reeve					Tortugas
	Subgenus **Glyphis** Carpenter.					
1094	G. barbadensis Gmelin					Charlotte H.
1095	G. cancellata Sowerby					Tortugas
1096	G. Tanneri Verrill	44	13,13*a*	16.0	104/142	Delaware
1097	G.———				50/93	Key West
1098	G.———				107	Hatteras
1099	G.———				2	Marco
1100	G. fluviana Dall	14	6, 6*a*	6.0	76/170	Florida Str.
	Genus FISSURELLIDEA Orbigny.					
1101	F. limatula Reeve				15/20	Cape Fear

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	†	....	....	....	†	....	....	....	Culebra.....	
†	..	....	..	....	....	....	....	....	....	....	....	.....	
....	..	†	..	....	....	....	....	....	....	....	....	.....	
....	..	....	†	....	....	....	†	†	....	....	....	Culebra.....	
....	..	....	†	....	....	....	....	....	....	†	....	Fernandina .	Pliocene.
....	..	†	†	....	†	....	....	†	....	†	....	St. Barts	Pliocene.
....	..	†	..	....	*	....	....	....	....	....	....	Tortugas....	
....	..	....	..	....	*	....	....	*	....	....	....	Barbados....	
....	..	....	..	....	....	....	†	†	....	....	....	Cuba.....	
....	..	....	..	....	*	....	....	*	....	....	....	Cuba.....	
....	..	....	..	....	*	....	....	*	....	...	....	Haiti	
....	..	†	..	....	†	....	....	*†	*	†*	....	Barbados....	
....	..	....	†	....	*	....	....	†	....	†	....	Barbados....	Pliocene.
....	..	*	..	*	*	*	....	*	*	....	....	Barbados....	Pliocene.
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	*	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	*	....	....	Barbados....	
....	..	....	..	....	....	*	....	†	*	....	....	St. Lucia....	Pliocene.
....	..	....	..	....	*	....	....	*	*	....	....	Guadalupe ..	
....	..	....	..	....	*	*	....	*	*	....	....	Barbados....	
....	..	....	..	....	*	....	....	*	....	....	....	St. Barts	
†	†	†	..	....	....	....	....	....	....	....	....	Hatteras	
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	†	..	....	....	...	....	....	....	....	....	.....	
....	..	....	..	....	*	....	....	....	....	....	....	.....	
....	..	....	..	....	†	....	....	†	....	....	....	Barbados....	
....	..	*	..	....	*	....	....	†	....	....	....	Barbados....	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
1102	Fissurellidea fasciata Pfeiffer					Gulf of Mex.
1103	F. pustula Linné					C. Lookout
	Genus CLYPIDELLA Swainson.					
1104	C. fascicularis Lamarck					Key West
	Subclass ISOPLEURA.					
	Order POLYPLACOPHORA.					
	Superfamily EOCHITONIA.					
	Family LEPTOCHITONIDÆ.					
	Genus LEPTOCHITON Gray.					
1105	*L. alveolus* Sars				$\frac{100}{640}$	Arctic Sea
1106	L. pergranatus Dall				$\frac{114}{1181}$	Gulf of Mex.
	Genus HANLEYIA Gray.					
1107	H. tropicalis Dall	26	8*c*.8*d*.	4.0	128	Sand Key
1108	H. mendicaria Mighels				$\frac{49}{317}$	Arctic Sea
	Family ISCHNOCHITONIDÆ.					
	Genus TRACHYDERMON Carpenter.					
1109	T. exaratus Sars	45	2, 2*a*		$\frac{100}{273}$	Norway
1110	T. ruber Lowe	51	9		$\frac{5}{560}$	Arctic Sea
	Genus CHÆTOPLEURA Shuttleworth.					
1111	C. apiculata Sowerby	51	10		$\frac{0}{30}$	Cape Cod
1112	C. Janeirensis Gray					Key West
	Genus ISCHNOCHITON Gray.					
1113	I. limaciformis Say					Key West
1114	I. purpurascens C. B. Adams					Florida Keys.
1115	I. papillosus C. B. Adams					Tampa
1116	I. ———					Turtle Harb.
1117	I. funiculatus Carpenter					Key West
	Genus CERATOZONA Dall.					
1118	C. Guildingi Reeve					Jupiter Inlet
	Family LOPHYRIDÆ.					
	Genus CHITON s. s.					
1119	C. squamosus Linné					Indian Key
1120	C. marmoratus Gmelin					Texas

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	*	*	....	*	....	....	.....	Cuba	
....	..	*	..	....	?	.....	....	*	....	....	.....	Barbados....	
....	..	....	..	....	*	.....	....	*	....	....	.....	Jamaica.....	
†	..	....	?	....	....	.....	....	.....	....	†	†	Gulf of Me. ?	
....	..	....	..	....	†	†	....	†	....	....	.....	Dominica ...	
....	..	....	..	....	†	.....	....	.....	....	....	.....	Florida Str..	
†	..	†	..	....	....	.....	....	.....	....	†	.....	Hatteras	
....	..	†	†	....	....	.....	....	.....	....	†	.....	Fernandina..	
*	..	....	..	....	....	.....	....	.....	....	*	*	New York ...	
*	*	*	*	*	*	*	....	*	....	....	.....	Haiti.....	
....	..	....	..	....	*	.....	....	*	....	....	.....	Rio Janeiro..	
....	..	....	..	....	*	.....	....	*	....	....	*	St. Vincent .	
....	..	....	..	....	*	.....	*	*	*	....	.....	St. Thomas..	
....	..	....	..	....	*	*	....	*	....	....	.....	St. Thomas..	
....	..	....	..	....	*	.....	*	*	....	....	.....	Yucatan.....	
....	..	....	..	....	*	.....	....	*	....	....	.....	St. Thomas..	
....	..	....	..	*	....	.....	....	*	....	....	.....	Trinidad	
....	..	....	..	....	*	.....	....	*	*	....	.....	Santa Cruz .	
....	..	....	..	....	....	.....	*	*	*	....	.....	Trinidad	

TABLE V. E.—*List of Gastropoda*—Continued.

Ser. No.	Name and authority for species.	Pl.	Figs.	Alt. or Lon.	Range in depth.	Northern extreme range.
	Genus TONICIA Gray.					
1121	T. Schrammii Shuttleworth	....	.....	.....	.....	Key West ...
	Family ACANTHOPLEURIDÆ.					
	Genus ACANTHOPLEURA Guilding.					
1122	A. picea Gmelin	....	.....	.....	.....	Charlotte H.
	Superfamily OPSICHITONIA.					
	Family PLACOPHORIDÆ.					
	Genus PLACOPHORA Gray (em.).					
1123	*P. atlantica* Verrill & Smith	45 63	1*a*, *b* 102*a*	32.0	$\frac{123}{640}$	Off Cape Cod.
	Family MOPALIIDÆ.					
	Genus ACANTHOCHITON Leach.					
1124	A. astriger Reeve	....	.....	.....	.....	Tortugas ....
1125	A. spiculosus Reeve	....	.....	.....	.....	Cedar Keys..
	Genus NOTOPLAX H. Adams.					
1126	N. floridanus Dall	....	.....	.....	.....	Cape Florida
	Family AMICULIDÆ.					
	Genus AMICULA Gray.					
1127	*A. vestita* Sowerby	63	103*a*	.....	$\frac{10}{60}$	Arctic Sea...

TABLE VI. F.—*List of Cephalopoda.*

	Class CEPHALOPODA.					
	Order DIBRANCHIATA.					
	Suborder OCTOPODA.					
	Family ARGONAUTIDÆ.					
	Genus ARGONAUTA Linné.					
1	A. argo L. var. americana Dall	43 64 67	1*a*–*b* 142*b* 1–3	.....	.....	N. lat. 43°...
	Suborder SEPIOPHORA.					
	Family SPIRULIDÆ.					
	Genus SPIRULA Lamarck.					
2	S. Peronii Lamarck	68	4	.....	.....	Cape Cod ...

TABLE V. E.—*List of Gastropoda*—Continued.

N. J.	Va.	Hat.	Ga.	East Fla.	Fla. Keys.	West Fla.	Tex.	West Ind.	Bermuda.	Eur.	West Am.	Southern extreme range.	Range in time.
....	..	....	..	....	*	....	....	*	*	....	....	Guadalupe ..	
....	..	....	..	....	*	*	....	*	*	....	....	New Grenada	
?	..	....	..	....	....	....	....	....	....	....	....	Rhode Island	
....	..	....	..	....	*	....	....	*	....	....	....	St. Thomas..	
....	..	....	..	....	*	*	....	*	....	....	....	Barbados....	
....	..	....	..	....	*	....	....	....	....	....	....	Key West ...	
†?	..	....	..	....	....	....	....	....	....	....	†	New York ?..	

TABLE VI. F.—*List of Cephalopoda.*

*	..	*	..	....	....	*	....	*	....	?	*?	Brazil?.....	
*?	*?	?*	*?	?*	*†	*†	....	†	*?	....	....	Tropics?	

SUMMARY OF THE TABLES.

The following table shows the relative proportions of the different groups included in the fauna and enumerated in the tables preceding:

	In the tables.	Extra limital.
Brachiopods	21	2
Pelecypods	487	13
Scaphopods	44	2
Pteropods	33	3
Gastropods	1,127	59
Cephalopods	2	.....
Total	1,714	79
Deduct extra-limital species	79	.....
Total enumerated species from Sandy Hook to Florida and the Rio Grande	1,635	.....

It may be added that, with but few exceptions, the enumerated extra-limital forms are likely, with further exploration, to be found in our region.

If all the Nudibranchiata, Heteropoda, and Cephalopoda were enumerated the total would be at least eighteen hundred forms.

It is probable that some of the species enumerated in the tables will hereafter prove to be synonymous with other enumerated species. But there is a reasonable prospect of the discovery of deep-water species, new to science or to the region, and of Antillean species which extend to the region of the Florida Keys which are not here enumerated, so that the loss from the above-mentioned cause will probably be more than made up numerically. This being the first attempt to enumerate the Molluscan fauna of the whole region, generalizations may well be deferred.

EXPLANATION OF THE PLATES.

NOTE.—The figures following the authority for the specific name denote the actual length in millimeters of the longest diameter of the figure, whether that be the height or the breadth, except where otherwise stated.

PLATE I.

FIG. 1. *Corbula Krebsiana* C. B. Adams; 6.1.
1 a. " "
1 b. " "
2. *Basterotia quadrata* Hinds; 10.0; left valve.
2 a. Same, hinge seen from above.
2 b. " " " " below.
3. *Corbula Knoxiana* C. B. Adams; 12.7; front.
3 a. " " back of left valve.
3 b. " "
3 c. " "
4. *Corbula disparilis* D'Orbigny; 9.0.
4 a. " "
4 b. " "
5. *Corbula Dietziana* C. B. Adams; 10.7.
5 a. " "
5 b. " "
6. *Corbula Kjoeriana* C. B. Adams; 12.0
6 a. " "
6 b. " "
7. *Corbula cymella* Dall; 13.5.
7 a. " "

All the above, except figures 2 a, 2 b, and 4 a, 4 b, are drawn by W. H. Dall with the camera lucida from typical specimens of the describer in the museum at Amherst.

The following plates (I–XL) are from the Report on the Mollusca of the Blake Expedition, parts I and II, drawn by J. C. McConnell (except where otherwise stated) from the specimens. For the use of these plates we are indebted to Prof. Alex. Agassiz.

PLATE II.

FIG. 1 a, 1 b. *Verticordia* (*Euciroa*) *elegantissima* Dall; 13.25.
2, 2 a. *Halonympha claviculata* Dall; 12.0.
3 a, 3 b. *Cardiomya perrostrata* Dall; 8.0.
4 a, 4 b. *Verticordia* (*Haliris*) *Fischeriana* Dall; 10.0.
5 a–5 c. *Corbula Swiftiana* C. B. Adams, from type; 10.4.
6 a–6 d. *Corbula Chittyana* C. B. Adams, from type; 8.5.
7, 7 a–c. *Corbula Barrattiana* C. B. Adams, from types; 8.9.

24781—Bull. 37——12

PLATE III.

FIG. 1. *Cuspidaria obesa* Lovèn, var.? 13.0.
2. *Cuspidaria Jeffreysi* Dall; 15.0.
3. *Cuspidaria arcuata* Dall; 12.5; inside.
4. Same, outside.
5. *Myonera limatula* Dall; 11.15.
6. *Cardiomya pectinata* Cpr., var. *beringensis* Leche [N. W. coast of America]; 6.0
7. *Myonera lamellifera* Dall; 12.5.
8. *Leiomya* (*Plectodon*) *granulata* Dall; 11.0.
9. *Cardiomya corpulenta* Dall; 14.0.
10. *Cardiomya striata* Jeffreys; 19.0.

PLATE IV.

FIG. 1 a. *Pecten* (*Amusium*) *Dalli* E. A. Smith; 62.0; inside of lower valve.
1 b. The same, inside of upper valve.
2. *Pecten* (*Pseudamusium*) *Sigsbeei* Dall; 11.5.
3. *Pecten* (*Propeamusium*) *Pourtalesianus* Dall, var. *marmoratus*; 13.5.
4 a–b. *Pecten* (*Pseudamusium*) *imbrifer* Lovèn; 12.5.
5 a–b. *Dimya argentea* Dall; 12.0.
6. *Cardium* (*antillarum* Orb. var.?) *ceramidum* Dall; 8.2.
7. *Cardium peramabilis* Dall; 12.5.
8. *Abra lioica* Dall; 8.1.
9 a–b. *Saxicava azaria* Dall; 25.0.

PLATE V.

FIG. 1, 2. *Pecten* (*Propeamusium*) *cancellatus* E. A. Smith; 26.0.
1 a. The same; a bit of the sculpture enlarged.
3. *Pecten* (*Propeamusium*) *Sayanus* Dall; 15.5.
4. *Pecten caurinus* Gould, young valve; 6.0.
5. *Pecten* (*Propeamusium*) *Holmesii* Dall; 12.0.
6. *Hinnites Adamsi* Dall; upper valve; 28.0.
7, 7 a. *Pecten* (*Propeamusium*) *alaskensis* Dall; 22.8; West America.
8. *Pecten* (*Pseudamusium*) *reticulus* Dall; 7.0.
9. *Pecten* (*Propeamusium*) *Sayanus* Dall; 15.5.
10. *Pecten* (*Pseudamusium*) *reticulus* Dall; 7.0.
11. *Pecten* (*Propeamusium*) *Holmesii* Dall; 12.0.
12. *Pecten* (*Propeamusium*) *Pourtalesianus* Dall; 13.5.

PLATE VI.

FIG. 1. *Magasella radiata* Dall; 6.1; N. W. America.
2. *Thecidium Barrettii* Davidson; 5.1.
3. *Modiola polita* V. and S.; 42.5.
4 a–c. *Terebratula Bartlettii* Dall; 40.0.
5. *Pecten* (*Janira*) *hemicyclicus* Ravenel; 4.0.
Inside view of upper shell of young fry.
6. *Terebratula incerta* Davidson; 11.5; interior.
6 a. The same; horizontal view of loop.
7, 8. *Modiolaria lateralis* Say; 7.5.
9, 10. *Arca ectocomata* Dall; 46.0.
11. *Tellina sybaritica* Dall; 7.0.
12. *Crassatella floridana* Dall; young shell; 11.0.

PLATE VII.

FIG. 1 a–b. *Leda* (*Neilonella*) *corpulenta* Dall; 9.5.
2. *Nucula crenulata* A. Adams; 6.0.
3 a–b. *Leda acuta* Conrad; 9.5.
4 a–b. *Gouldia cerina* C. B. Adams; 10.5; type.
5 a–b. *Astarte Smithii* Dall; 7.0.
6 a–b. *Astarte nana* (? Jeffreys) Dall; 8.2.
7 a–b. *Leda solidifacta* Dall; 12.5.
8. *Leda acuta* Conrad; 9.5.

PLATE VIII.

FIG. 1, a. *Tindaria cytherea* Dall; 8.6.
2. *Nucula* var. *obliterata* Dall; 6.0.
3, 3 a. *Arca polycyma* Dall; 9.75.
4, 4 a. *Macrodon asperula* Dall; 8.5.
5. *Arca pectunculoides*, var. *orbiculata*, Dall; 8.0.
6. *Leda* (*Saturnia*) *quadrangularis* Dall; 4.6.
7, 7 a. *Limopsis antillensis* Dall; 4.25.
8, 8 a. *Pandora* (*Clidiophora*) *carolinensis* Bush; 14.2.
9, 9 a. *Arca glomerula* Dall; 5.75.
10. *Cetoconcha margarita* Dall; 7.3.
11. *Leda Carpenteri* Dall; 10.5.
12, 12 a. *Leda vitrea*, var. *cerata*, Dall; 6.5.
13. *Vesicomya pilula* Dall; 2.6.

PLATE IX.

FIG. 1, 1 a. *Yoldia liorhina* Dall; 13.1.
2, 2 a. *Yoldia solenoides* Dall; 12.5.
3. *Leda Carpenteri* Dall; 10.5.
4. *Mangilia serga* Dall; 9.0.
5. *Mangilia citronella* Dall; 4.0.
6. *Mangilia Pourtalesii* Dall; 17.0.
7, 7 a. *Xylophaga abyssorum* Dall; 4.0.
8. *Conus Agassizii* Dall; 30.0; adult.
8 a. The same, young shell; 9.0.
9. *Daphnella leucophlegma* Dall; 10.25.
10. *Daphnella* (*Eubela*) *limacina* Dall; 11.0.

PLATE X.

FIG. 1. *Gymnobela Blakeana* Dall; 8.25.
2. *Gymnobela extensa* Dall; 12.25.
3. *Mangilia bandella* Dall; 9.37.
4. *Mangilia antonia* Dall; 5.75.
5. *Leucosyrinx Verrillii* Dall; 36.0.
6. *Drillia polytorta* Dall; 33.5.
7. *Drillia accstra* Dall; 19.0.
8. *Drillia albicoma* Dall; 25.7.
9. *Pleurotomella Emertonii* Verrill & Smith; 34.0.
10. *Daphnella reticulosa* Dall; 11.5.
11. *Daphnella sofia* Dall, outer lip imperfect; 8.0.
12. *Mangilia? scipio* Dall, outer lip imperfect; 14.0.

PLATE XI.

FIG. 1. *Drillia nucleata* Dall; 13.5.
2. *Drillia Verrillii* Dall; 5.5.
3. *Drillia lissotropis* Dall, young; 4.5.
4. *Drillia lissotropis* Dall, adult; 7.0.
5. *Drillia havanensis* Dall; 9.0.
6. *Drillia lithocolleta* Watson, young; 12.5.
7. *Drillia smirna* Dall; 15.0.
8. *Drillia oleacina* Dall; 10.0.
9. *Mangilia pelagia* Dall; 10.75.
10. *Leucosyrinx Sigsbeei* Dall; 25.5.
11. *Mangilia antonia* Dall, young; 7.0.
12. *Mangilia comatotropis* Dall; 6.0.
13. *Pleurotomella leucocnata* Dall; 13.5.
14. *Mangilia Agassizii* V. & S.; young shell of var. *mexicana* Dall; 8.5.
15. *Mangilia quadrata* var. *monocingulata* Dall; 6.75.
16. *Mangilia quadrata* var.; 7.0.
17. *Mangilia peripla* Dall; 8.0.
18. *Drillia premorra* Dall; 9.5.

PLATE XII.

FIG. 1. *Daphnella morra* Dall; 5.75.
2. *Drillia pharcida* Dall; 9.5.
3. *Mangilia? subsida* Dall; 13.0.
4. *Cythara cymella* Dall; 13.0.
5. *Genota mitrella* Dall; 12.5.
6. *Cythara Bartlettii* Dall, adult; 8.0.
7. *Mangilia elusiva* Dall; 9.25.
8. *Mangilia torcumata* Dall; 10.5.
9. *Pleurotomella filifera* Dall; 17.5.
10. *Glyphostoma gratula* Dall; 17.5.
11. *Drillia detecta* Dall; 11.75.
12. *Ancistrosyrinx radiata* Dall; 13.0.

PLATE XIII.

FIG. 1. *Drillia eucosmia* Dall; 19.0.
2. *Genota (Dolichotoma) viabrunnea* Dall; 38.0.
3. *Drillia haliostrephis* Dall; 20.0.
4. *Glyphostoma Gabbii* Dall, young; 7.5.
5. *Glyphostoma Gabbii* Dall, young; 9.5.
6. *Drillia pagodula* Dall; 13.5.
7. *Glyphostoma Gabbii* Dall, adult; 19.0.
8. *Glyphostoma Gabbii* Dall, young; 16.0.

PLATE XIV.

FIG. 1. *Amalthea benthophila* Dall, on spine of Echinoderm, viewed from above; 8.0.
1 a. *Amalthea benthophila* Dall, from the right; 8.0.
1 b. *Amalthea benthophila* Dall, from below; 8.0.
2. *Loripes compressa* Dall; 11.0.
3. *Capulus* (*Hyalorisia*) *galea* Dall, from below; 18.5.
3 a. *Capulus* (*Hyalorisia*) *galea* Dall, profile; 18.5.
4. *Pleurotomella Packardii* var. *Benedicti* V. & S.; 11.0.
5. *Cythara Bartlettii* Dall, nearly adult; 10.0.
6. *Glyphis fluviana* Dall, from below; 10.6.
6 a. *Glyphis fluviana* Dall, profile; 10.6.
7. *Daphnella corbicula* Dall; 11.2.
8. *Cythara Bartlettii* Dall, young; 10.0.
9. *Umbraculum bermudense* Mörch? young shell; 10.0.
10. *Umbraculum bermudense* Mörch? profile; 10.0.

PLATE XV.

FIG. 1. *Murex Pazi* Crosse, young shell; 7.5.
2. *Trophon? actinophorus* Dall; 17.5.
3. *Pteronotus tristichus* Dall; 15.5.
4. *Trophon lacunella* Dall; 41.0.
5. *Dolium* (*Eudolium*) *Crosseanum* Monterosato; 35.0.
6. *Mitra* (*Costellaria?*) *styria* Dall; 19.0.
7. *Typhis* (*Trubatsa*) *longicornis* Dall, young; 7.5.
8. *Mitra* (*Thala?*) *torticula* Dall; 12.2.
9. *Mangilia? exsculpta* Watson; 30.0.
10. *Fusus benthalis* Dall; 15.0.
11. *Fusus amiantus* Dall; 17.0.
12. *Nassarina Bushiæ* Dall; 9.0.

PLATE XVI.

FIG. 1. *Ocinebra* (*Favartia*) *cellulosa* Conrad, young; 12.0.
2. *Murex pomum* Gmelin, very young; 15.0.
3. *Murex Hidalgoi* Crosse; 23.0.
4. *Murex hystricina* Dall; 21.0.
5. *Coralliophila Deburghiæ* Reeve, young; 20.0.
6. *Coralliophila lactuca* Dall, young; 11.0.

PLATE XVII.

FIG. 1. *Actæon incisus* Dall; 9.0.
1 b. *Actæon incisus* Dall var., adolescent; 6.8.
2. *Actæon melampoides* Dall; 6.0.
3. *Utriculus vortex* Dall; 7.5.
4. *Utriculus Frielei* Dall; 8.2.
5 *Actæon delicatus* Dall; 10.0.
6. *Bulla eburnea* Dall; 7.25.
7. *Atys? Sandersoni* Dall; 6.5.
8. *Utriculus* (*vortex* var.?) *domitus* Dall; 9.0.
9. *Sabatia bathymophila* Dall, adult; 16.5.
9 b. *Sabatia bathymophila* Dall, adolescent; 10.0.
10. *Scaphander Watsoni* Dall; 8.75.
11. *Bulla abyssicola* Dall; 12.75.
12. *Actæon Danaida* Dall; 11.0.

PLATE XVIII.

FIG. 1. *Scala hellenica* var. *Mörchiana* Dall; 6.87.
2. *Scala discobolaria* Dall; 6.5.
3. *Actæon perforatus* Dall; 7.75.
4. *Scala aurifila* Dall; 11.0.
5. *Niso interrupta* Sowerby var. *albida* Dall; 8.1.
6. *Niso interrupta* var. *albida* Dall, base; 3.5.
7. *Aclis nucleata* Dall; 9.3.
8. *Aclis lata* Dall; 5.5.
9. *Scala contorquata* Dall; 4.7.
10. *Scala polacia* Dall, aperture imperfect; 7.25.
11. *Scala formosissima* Jeffreys; 8.5. The aperture is a little distorted where it joins the body whorl.
11 b. *Scala belaurita* Dall; 8.3.
12. *Aclis egregia* Dall; 13.0.

PLATE XIX.

FIG. 1. *Rissoa precipitata* Dall; 4.0.
2. *Marginella seminula* Dall; 7.0.
3. *Marginella Watsoni* Dall; 9.5.
4. *Marginella fusina* Dall; 8.0.
5. *Marginella yucatecana* Dall; 5.62.
6. *Marginella succinea* Conrad; 12.0.
7. *Marginella torticula* Dall; 11.5.
8. *Columbella* (*Anachis*?) *Verrillii* Dall; 9.0.
9. *Pedicularia decussata* Gould, profile; 6.0.
9 b. *Pedicularia decussata*, young, showing spiral apex; 2.5.
10. *Rissoa xanthias* Watson, var. *acuticostata* Dall; 3.7.
10 b. *Eucosmia brevis* Orbigny; 2.0.
10 c. *Columbella* (*Anachis*) *amphissella* Dall; 4.0.
10 d. *Dalium solidum* Dall; 41.0.
11. *Eulima* (*Melanella*) *arcuata* C. B. Adams; 4.0.
11 b. *Leiostraca fusus* Dall; 13.5.
11 c. *Eulimella unifasciata* Forbes; 6.0.

PLATE XX.

FIG. 1. *Cerithiopsis Sigsbeeana* Dall; 10.5.
2. *Cerithiopsis Martensii* Dall; 11.25.
3. *Cerithiopsis crystallina* Dall; 16.0. Poor figure.
4. *Eumeta subulata* Montagu; 14.25.
5. *Cerithiopsis abrupta* Watson; 4.3
5 a. *Triforis triserialis* Dall; 8.25.
6. *Triforis cylindrella* Dall; 6.5.
6 a. *Triforis triserialis* Dall; 15.5.
7. *Mathilda yucatecana* Dall; 8.0.
8. *Triforis triserialis* var. *intermedia* Dall; 11.0.
9. *Triforis abrupta* Dall; 7.5.
10. *Triforis longissima* Dall; 26.0.
11. *Triforis bigemma* var. *hircus* Dall; 12.5.
11 b. *Triforis torticula* Dall; 10.5.
12. *Triforis colon* Dall; 12.0.
12 b. *Triforis inflata* Watson var. *ibex* Dall; 11.0.

PLATE XXI.

FIG. 1. *Solariella lacunella* Dall; base, 5.0.
1 a. *Solariella lacunella* Dall; profile, 4.5.
2. *Calliostoma sapidum* Dall; 5.0.
2 a. *Calliostoma echinatum* Dall; base, 4.75.
3. *Dillwynella modesta* Dall; top, alt. 3.0.
3 a. *Dillwynella modesta* Dall; profile, diam. 4.0.
4. *Calliostoma sapidum* Dall; base, 4.12.
5. *Calliostoma echinatum* Dall; 5.25.
6. *Umbonium Bairdii* Dall, young specimen; profile, alt. 4.0.
6 a. *Umbonium Bairdii* Dall; base, diam. 5.0.
7. *Solariella iris* Dall; profile, 5.0.
7 a. *Solariella iris* Dall; base, 5.5.
8. *Solariella lissocona* Dall; profile, 5.5.
8 a. *Solariella lissocona* Dall; base, 4.5.
9. *Solariella lubrica* Dall; profile, 4.0.
9 a. *Solariella lubrica* Dall; base, 3.25.
10. *Solariella scabriuscula* Dall; base, 4.0.
10 a. *Solariella scabriuscula* Dall; profile, 4.75.
11. *Lunatia fringilla* var. *perla* Dall; 6.5.
12. *Lunatia fringilla* Dall; 5.75.

PLATE XXII.

FIG. 1. *Turcicula imperialis* Dall, immature shell without the apical whorls; 13.0.
1 a. *Turcicula imperialis* Dall; base, 13.0.
2. *Basilissa alta* Watson, var. *delicatula* Dall; alt. 5.0.
2 a. *Basilissa alta* Watson, var. *delicatula* Dall; base, diam. 6.0.
3. *Calliostoma circumcinctum* Dall; diam. 6.9.
3 a. *Calliostoma circumcinctum* Dall; alt. 8.0.
4. *Gaza superba* Dall; profile, alt. 24.0.
4 a. *Gaza superba* Dall; base, diam. 35.5.
5. *Microgaza rotella* Dall; base, diam. 6.75.
5 a. *Microgaza rotella* Dall; profile, alt. 4.0.
6. *Fluxina brunnea* Dall; profile, alt. 10.75. The margins of the aperture are broken.
6 a. *Fluxina brunnea* Dall; base, diam. 15.5.
7. *Callogaza Watsoni* Dall; profile, alt. 7.75.
7 a. *Callogaza Watsoni* Dall; base, diam. 12.5.

PLATE XXIII.

FIG. 1. *Callogaza Watsoni* Dall, young; 8.0.
1 a. *Callogaza Watsoni* Dall, young; 8.0.
2. *Liotia variabilis* Dall; base, diam. 6.0. A calcareous foraminifer is attached to the periphery.
2 a. The same in profile, alt. 4.5.
3. *Solarium Sigsbeei* Dall; diam. 5.5. Margin of aperture defective.
3 a. The same in profile, alt. 2.3.
4. *Basilissa costulata* Watson var. *depressa* Dall; base, diam. 5.0.
4 a. *Basilissa costulata* Watson var. *depressa* Dall; profile, alt. 2.5.
5. *Fluxina discula* Dall; profile, alt. 3.0.
6. *Fluxina discula* Dall; base, 6.5.
7. *Calliostoma* (*Dentistyla*) *asperrimum* var. *dentiferum* Dall; base, 6.0.
8. *Calliostoma* (*Dentistyla*) *asperrimum* var. *dentiferum* Dall; profile, showing tooth on the pillar; 7.5.

PLATE XXIV.

FIG. 1. *Calliostoma* (*Dentistyla*) *sericifilum* Dall; 4.2.
1 a. *Calliostoma* (*Dentistyla*) *sericifilum* Dall; base, 4.5.
2. *Callogaza Watsoni* Dall, base of young shell; 6.0.
2 a. *Callogaza Watsoni* Dall; 6.0.
3. *Calliostoma apicinum* Dall; alt. 7.5.
3 a. *Calliostoma apicinum* Dall; base, diam. 7.0.
4. *Calliostoma yucatecanum* Dall; 7.0.
4 a. *Calliostoma yucatecanum* Dall; base, 7.0.
5. *Liotia briareus* Dall; alt. 7.5.
5 a. *Liotia briareus* Dall; base, 9.0.
6. *Calliostoma roseolum* Dall; alt. 9.5.
6 a. *Calliostoma roseolum* Dall; base, 7.0.
7. *Leptothyra Philipiana* Dall; alt. 3.5.
7 a. *Leptothyra Philipiana* Dall; base, diam. 4.0. This species is named in honor of Dr. Philip P. Carpenter.

PLATE XXV.

FIG. 1. *Addisonia* (*lateralis* var. ?) *paradoxa* Dall; from above; 10.0.
1 b. *Addisonia* (*lateralis* var.?) *paradoxa* Dall, profile; alt. 4.0.
1 c. *Addisonia* (*lateralis* var. ?) *paradoxa* Dall; from below, showing soft parts.
1 d. *Addisonia* (*lateralis* var. ?) *paradoxa* Dall; showing animal crawling.
1 e. *Addisonia* (*lateralis* var. ?) *paradoxa* Dall; dentition, complete series across the radula.
2. *Cocculina Beanii* Dall; dentition, transverse series and one detached uncinus.
3. *Pectinodonta arcuata* Dall; dentition, pair of laterals.
3 a. *Pectinodonta arcuata* Dall; base of right lateral, with cusp broken off.
3 b. *Pectinodonta arcuata* Dall; shell in profile, twice natural size.
4. *Cocculina Beanii* Dall; in profile; 8.0.
5. *Cocculina Rathbuni* Dall; dentition, transverse series and two detached uncini.
6. *Lepetella tubicola* Verrill; dentition, transverse series.
7. *Cocculina Rathbuni* Dall, from above; 10.0.
7 a. *Cocculina Rathbuni* Dall, in profile; 10.0.
8. *Cocculina Beanii* Dall, from above; 8.0.

PLATE XXVI.

FIG. 1. *Dentalium sericatum* Dall; 13.0.
2. *Turbonilla interrupta* Totten; foot of animal from below, greatly magnified.
2 b. *Turbonilla interrupta* Totten; animal from above.
3. *Turritella yucatecana* Dall; 16.5.
4. *Siliquaria modesta* Dall; 26.0.
5. *Dentalium ceratum* Dall; 30.0.
6. *Bivonia? exserta* Dall, young in first stage; 11.0.
7. *Puncturella circularis* Dall; from below; 5.75.
7 b. *Puncturella circularis* Dall, profile; 5.75.
7 c. *Turbonilla curta* Dall; the aperture is imperfect; 8.3.
7 d. *Turbonilla belotheca* Dall; 14.0.
8. *Puncturella trifolium* Dall, from below; 14.0.
8 b. *Puncturella trifolium* Dall, profile; 14.0.
8 c. *Hanleyia tropicalis* Dall; medial valve; 4.0.
8 d. *Hanleyia tropicalis* Dall; posterior valve; 3.0.
9. *Dentalium ophiodon* Dall; 12.5.
10. *Mathilda barbadense* Dall; ..2.

PLATE XXVII.

FIG. 1. *Dentalium laqueatum* Verrill; 29.0.
2. *Dentalium ceratum* Dall, v ry young; 7.0.
3. *Dentalium carduus* D ll; 16.0.
4. *Dentalium Gouldii* Dall, var. *obscurum;* 28.0.
5. *Cadulus quadridentatus* Dall, and outline of aperture; 10.0.
6. *Dentalium perlongum* Dall, and outline of aperture; 80.0.
7. *Cadulus amiantus* Dall; 5.75.
8. *Cadulus lunula* Dall, and outline of aperture; 6.0.
9. *Cadulus æqualis* Dall, and outline of aperture; 15.0
10. *Dentalium callithrix* Dall; 25.0.
11. *Cadulus acus* Dall; 8.0.
12. *Dentalium ensiculus* Jeffreys, and outline of aperture; 20.0.
12 a. *Cadulus Watsoni* Dall, and outline of aperture; 13.0.
12 b. *Dentalium callipeplum* Dall; 36.0.
12 c. *Cadulus Agassizii* Dall, and outline of aperture; 9 0.
12 d. *Cadulus cucurbita* Dall, and outline of aperture, 4.0.

NOTE.—When the outline of the aperture is given it is on the same scale as the figure to which it refers, and its antero-posterior line is from left to right, or in the direction of a line drawn across the plate horizontally.

PLATE XXVIII.

FIG. 1. *Margarita erythrocoma* Dall; alt. 5.0.
2. *Calliostoma orion* Dall; alt. 4.5.
3. *Ethalia solida* Dall; bas , 2.75.
4. *Rimula frenulata* Dall; from above; 6.25.
5. *Ethalia solida* Dall, profile; 2.0.
6. *Fossarus* (*Gottoina*) *compactus* Dall, profile; 2.3.
7. *Ethalia reclusa* Dall, p ofile; alt. 1.0.
8. *Ethalia reclusa* Dall, base; 2.1.
9. *Cyclostrema pompholyx* Dall; 4.2.
10. *Fossarus* (*Gottoina*) *bellus* Dall; 3.5.
11. *Liotia miniata* Dall; 2.5.

PLATE XXIX.

FIG. 1. *Pleurotomaria Quoyana* F. & B. The animal sketched from life by J. H. Blake, redrawn by McConnell; 50.0.
2. *Lampusia gracile* Reeve; 25.5.
3. *Aurinia Gouldiana* Dall; 69.0.
4. *Fusus caloosaënsis* Heilprin; 60.0. In arranging the figures for the plates, by an error this figure was substituted for that of *F. timessus*, Dall. The figure of *F. timessus* will therefore appear in my Report on the Fossils of the Florida Pliocene.
5. *Æsopus Stearnsii* Tryon; 4.0.
6. *Terebra* (*Acus*) *benthalis* Dall; 21.0.
7. *Dolophanes Gabbii* Dall; 9.00.
8. *Mesostoma migrans* Dall; 9.25.

PLATE XXX.

FIG. 1. *Pleurotomaria Adansoniana* C. & F. Redrawn by McConnell from water-color sketch from life by J. H. Blake. The shell is merely indicated.

2. Anterior termination of gill in *P. Adansoniana*. *a*, osphradium; *b*, blood sinus (?). Only the inner series of gill lamellæ is here indicated. At this part of the gill they are narrow and pointed; farther back they become broader and more rounded at the distal end.

3. Posterior free termination of intestine (*c*) lying on the glandular (renal ?) organ, behind which in the commissure are two orifices on each side (*a*), with a short bunch of papillæ behind them and the flaps of the mantle with their papilose edges (*b*) corresponding to the edges of the sinus on each side.

4. Another specimen.

5. The first specimen crawling.

6. The head, viewed from above.

PLATE XXXI.

FIG. 1. *Pleurotomaria Quoyana* F. & B. Rhachidian and lateral teeth much magnified. 1 b, one of the outermost uncini; 1 c, one of the inner tricuspid uncini greatly magnified.

2. *Propilidium ancyloide* Forbes. Transverse row of teeth from above. 2 b, rhachidian and lateral teeth in profile; 2 c, jaw. All much magnified. Scandinavia and Britain.

3. *Pleurotomaria Adansoniana* C. & F. Separated teeth numbered in their order from the rhachis; *o*, rhachidian tooth.

4. General view of a single transverse row of teeth.

5. Same, a single tufted uncinus; $\frac{112}{1}$.

6. Same, end of tufted uncinus; $\frac{250}{1}$.

7. *Cocculina spinigera* Jeffreys. Penis from above magnified.

8. *Cocculina spinigera* Jeffreys. Head from above, showing tentacles and position of penis at the side of the right tentacle, magnified.

9. Rhachidian tooth of *C. spinigera*.

10. *Scutellina antillarum* Shuttleworth. Showing rhachidian tooth laterals and consolidated uncini of one side of a single transverse row of the radula; $\frac{180}{1}$.

11. The same, a single separated uncinus.

PLATE XXXII.

FIG. 1. *Calliostoma* (*Eutrochus*) *cinctellum* Dall; 8.0.

2. *Pleurotoma periscelida* Dall; 40.5.

3. *Calliostoma* (*Eucasta*) *indiana* Dall; 7.6.

4. *Calliostoma* (*Eutrochus*) *cinctellum* Dall; 9.5.

5. *Calliostoma* (*Eucasta*) *indiana* Dall; 8.5.

6. *Liotia* (*Lippistes*) *acrilla* Dall; 4.3.

7. *Calliostoma* (*Eutrochus*) *Benedicti* Dall; 18.0.

8. *Margarita* (*Bathymophila*) *euspira* Dall; alt. 5.75; max. diam. 7.0.

9. *Liotia* (*Lippistes*) *amabilis* Dall; 5.0.

10. *Pleurotomaria Adansoniana* C. & F.; 35.0.

11. *Liotia* (*Lippistes*) *acrilla* Dall; 4.3.

12. *Liotia* (*Lippistes*) *amabilis* Dall; 5.0.

12 a. *Nassarina Grayi* Dall; 12.0.

PLATE XXXIII.

FIG. 1. *Calliostoma corbis* Dall; 5.0.
2. *Solarium peracutum* Dall; 17.5.
3. *Ovulactæon Meekii* Dall; apex 3.0.
4. *Ovulactæon Meekii* Dall; 5.5.
5. *Solarium peracutum* Dall; 17.5.
6. *Cyclostrema turbinum* Dall; 3.25.
7. *Euchelus guttarosæ* Dall; 5.00.
8. *Liotia Bairdii* Dall; 6.0.
9. *Leptothyra Linnei* Dall; 5.5.
10. *Calliostoma* (*Eutrochus*) *Sayanum* Dall; 40.0.
11. *Calliostoma* (*Eutrochus*) *Sayanum* Dall; 37.0.

PLATE XXXIV.

These figures are from drawings by the late Dr. William Stimpson.

FIG. 1. *Olivella mutica* Say. *a–g*, varieties of form and color, natural size; *h*, operculum, natural size; *i*, *l*, operculum outside and inside, magnified; *m*, animal crawling; *n*, head, showing absence of eyes and tentacles; *o*, section of oral aperture magnified; *p*, penis; *r*, section of shell showing absorption of internal walls.
2. *Olivella mutica* Say; dentition.
3. *Purpura hæmastoma* Linné var. *floridana* Conrad. *c*, animal from below, natural size; *d*, head and verge from above.
4. *Purpura hæmastoma* Linné var. *floridana* Conrad; dentition.
5. *Scaphella junonia* Hvass. *b*, shell one-half natural size; *c*, sculpture of early whorls; *d*, nucleus; *e*, section of shell.
6. *Volutomitra grönlandica* Beck. Young shell and magnified nucleus. Cape Cod northward.
7. *Volutomitra grönlandica* Beck. Rhachidian tooth; *a*, from above; *b*, in profile.
8. *Oliva literata* Lamarck. *a*, animal crawling, $\frac{2}{3}$; *b*, tentacula and eyes; *c*, soft parts removed from the shell, showing (*f*) foot, (*g*) propodium, (*h*) respiratory siphon, (*i*) vent, (*l*) posterior filament of mantle, (*m*) mantle raised up, (*n*) verge, (*o*) gill; *d*, section of muzzle showing proboscis extruded; *e*, gill and sensory organ (osphradium).
8♀. *Oliva literata* Lamarck. Dentition taken from a female specimen.

PLATE XXXV.

FIG. 1. *Mitromorpha biplicata* Dall; 7.0.
2. *Aurinia robusta* Dall; 119.0.
3. *Columbella* (*Astyris*) *profundi* Dall; 8.0.
4. *Cancellaria* (*Trigonostoma*) *Agassizi* Dall; 13.5.
5. *Fusus eucosmius* Dall; 85.0.
6. *Benthobia Tryoni* Dall; 13.0.
7. *Fusus halistreptus* Dall; 80.0.
8. *Marginella cassis* Dall; 15.0.
9. *Columbella* (*Astyris*) *diaphana* Verrill; 9.0.
10. *Conomitra Blakeana* var. *lævior* Dall; 9.75.
11. *Liomesus? Stimpsoni* Dall; 32.5.
12. *Eudolium Verrillii* Dall; 32.0.
12a. *Sipho* (*Tychosalpinx?*) *globulus* Dall; 31.0.

PLATE XXXVI.

FIG. 1. *Drillia alesidota* var. *macilenta* Dall; 36.5.
2. *Lampusia pharcida* Dall; 23.6.
3. *Drillia* (*Cymatosyrinx*) *Moseri* Dall; 30.0.
4. *Daphnella pompholyx* Dall; 12.5.
5. *Leucosyrinx tenoceras* Dall; 60.0.
6. *Pleurotomella Edgariana* Dall; 58.0.
7. *Mesorhytis Meekiana* Dall; 15.5.
8. *Terebra nassula* Dall; 55.0.
9. *Drillia* (*Cymatosyrinx*) *centimata* Dall; 22.5.
10. *Drillia* (*Cymatosyrinx*) *œpynota* Dall; 15.0.
11. *Cordieria Rouaultii* Dall; 13.6.

PLATE XXXVII.

FIG. 1. *Cancellaria* (*Trigonostoma*) *Smithii* Dall; 10.5.
2. *Calliostoma aurora* Dall; lat. 26.5.
3. *Ringicula nitida* Verrill; 7.5.
4. *Pleurotomaria* (*Entemnotrochus*) *Adansoniana* Crosse and Fischer; major diam. 88.0.
5. *Pleurotomaria* (*Perotrochus*) *Quoyana* Fischer and Bernardi; major diam. 48.0.
6. *Gaza Fischeri* Dall, enlarged three-fifths; diameter of specimen, 25.0.

PLATE XXXVIII.

FIG. 1. *Pleurotoma* (*Leucosyrinx*) *subgrundifera* Dall; 30.0.
2. *Marginella Watsoni* Dall; 9.5.
3. *Pleurotoma* (*Ancistrosyrinx*) *elegans* Dall; 27.0.
4. *Vermetus* (*Petaloconchus*) *erectus* Dall; 25.0.
5. *Typhis* (*Trubatsa*) *longicornis* Dall, adult; 23.0.
6. *Leptothyra induta* Watson var. *albida* Dall; 7.0.
7. *Mitra Swainsoni* Broderip var. *antillensis* Dall; 80.0.

PLATE XXXIX.

FIG. 1. *Bushia elegans* Dall; 12.5.
2. *Cetoconcha bulla* Dall; interior of left valve; 13.0.
3. *Cetomya elongata* Dall; left valve; 22.5.
4. *Verticordia perversa* Dall; 5.0.
5. *Cetoconcha bulla* Dall; left valve; 13.0.
6. *Terebratula cubensis* Pourtalès, side view of shell adhering to a bit of coral, natural size.
7. *Verticordia* (*Euciroa*) *elegantissima* Dall; left valve of old individual, natural size.
8. *Terebratulina Cailleti* Crosse, young specimen considerably magnified.
9. *Eudesia floridana* Pourtalès; natural size.
10. *Terebratula cubensis* Pourtalès; interior of hæmal valve enlarged about one-fourth, from an original drawing by W. H. Dall.
11. *Eudesia floridana* Pourtalès; interior of hæmal valve, natural size, from an original drawing by W. H. Dall.

PLATE XL.

FIG. 1. *Pecten phrygium* Dall; 36.5.
2. *Cuspidaria microrhina* Dall, dorsal view of right valve, natural size
3. The same, side view.
4. *Cardium* (*Fulvia*?) *peramabilis* Dall; ¾.
5. *Callocardia* (*Vesicomya*) *venusta* Dall; 19.0.
6. *Amusium Dalli* E. A. Smith, natural size.
7. *Meiocardia Agassizii* Dall; 22.0.
8. *Tindaria amabilis* Dall; 15.0.

PLATE XLI.

FIG. 1. *Mangilia oxytata* Bush.
2. *Mangilia lanceolata* Adams var. *psila* Bush.
3. *Mangilia melanitica* Dall var. *oxia* Bush.
3 a. *Mangilia melanitica* Dall var.
4. *Mangilia atrostyla* Dall.
4 a. *Mangilia atrostyla* Dall.
5. *Nassarina glypta* Bush.
5 a. *Nassarina glypta* Bush.
6. *Triforis turris-thomæ* Orbigny.
7. *Adeorbis supranitidus* Wood.
7 a. *Adeorbis supranitidus* Wood.
8. *Scala teres* Bush.
9. *Eulimella*? *engonia* var. *teres* Bush.
10. *Niso interrupta* Sby. var. *ægleës* Bush.
11. *Volvula acuta* Orbigny.
12. *Volvula oxytata* Bush.
13. *Tornatina Candei* Orbigny.
14. *Cylichnella bidentata* Orbigny.
15. *Retusa cælata* Bush.
16. *Philine sagra* Orbigny.
16 a. *Philine sagra* Orbigny.
17. *Actæon punctostriatus* Adams, var.
18. *Dentalium leptum* Bush.
18 a. *Dentalium leptum* Bush.
19. *Cadulus carolinensis* Bush.
20. *Cadulus quadridentatus* var. *incisus* Bush.
21. *Cuspidaria ornatissima* Orbigny.

The drawings for this plate were made by Miss Bush, and lent by Professor Verrill for use in the present publication. They first appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi, part ii, plate xiv).

PLATE XLII.

FIG. 1. *Pteronotus phaneus* Dall; 17.0.
2. *Pseudamusium strigillatum* Dall; 10.0.
3. *Eupleura Stimpsoni* Dall; 12.0.
4. *Crassatella floridana* Dall; 50.0.
5. *Benthonella gaza* Dall; 10.0.
6. *Marginella cineracea* Dall; 13.0.
7. *Mitra Bairdii* Dall; 35.0.
8. *Scala babylonia* Dall; 30.0.
9. *Pecten effluens* Dall; 26.0.
10. *Peristichia toreta* Dall; 10.75.
11. *Cyclostrema cistronium* Dall; max. diam, 2.0.

The figures on this plate are unpublished and were drawn for the U. S. Fish Commission by J. C. McConnell.

PLATE XLIII.

FIG. 1. *Argonauta argo* Lin. var. *americana* Dall. The animal slightly contracted by alcohol.

1 a. The same, the shell from in front.

1 b. The same, from the side.

2. *Abralia megaptera* Verrill, front view of one of the sessile arms, $\frac{2}{1}$.

3. *Cavolinia* (*Diacria*?) *Hargeri* Verrill. This is referred by Pelseneer to the young of some indeterminate *Cavolinia*, but the large size of the shell and the absence of intermediate specimens would seem to render this decision questionable.

4. *Atlanta Peronii* Lesueur, side view.

4 a. The same, front view.

5. *Heterodoris robusta* V. and E., dorsal view.

5 a. The same, ventral view.

6. *Doris complanata* Verrill and Emerton, dorsal view.

7. *Koonsia obesa* Verrill, somewhat distorted by alcohol; $\frac{1}{1}$.

8. *Cæcum Cooperi* Smith: anterior part of shell showing animal extended, enlarged about 10 diameters.

This plate appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi, pl. xxviii). The figures were drawn for the U. S. Fish Commission by Mr. J. H. Emerton.

PLATE XLIV.

FIG. 1. *Coralliophila Deburghiæ* Reeve var. *Lintoni* Verrill; 27.0.

2. *Eudolium Crosseanum* Monterosato; 60.0.

2 a. The same, part of the odontophore, $\frac{2}{1}$.

2 b. The same, animal partly contracted by alcohol.

3. *Lunatia levicula* Verrill; 39.0.

4. *Marginella* (*apicina* var.?) *borealis* Verrill 11.0.

5. *Adeorbis*? *olivaceus* Verrill; 4.0.

6. *Capulus hungaricus* Linné; 20.0.

7. *Pleurotomella Packardi* Verrill; soft parts.

8. *Mangilia comato tropis* Dall.

9. *Choristes elegans* Carpenter, young shell, enlarged.

9 a. Top view of a somewhat older specimen same scale.

9 b. Basal view of a still older specimen, same scale.

10. *Addisonia paradoxa* Dall, part of the radula.

11. The same, shell in profile, $\frac{2}{1}$.

11 a. The same, dorsal view of the same specimen.

11 b. The same, the animal, viewed from below, in shell $\frac{2}{1}$.

12. *Cocculina Beanii* Dall, $\frac{8}{1}$.

13. *Glyphis Tanneri* Verrill, top; 35.0.

13 a. " " " profile; alt. 17.0.

14. *Solariella Ottoi* Philippi, part of one side of the radula.

15. *Utriculus vortex* Dall; $\frac{4}{1}$.

16. *Mangilia cerina* Kurtz & Stimpson, soft parts, from life, enlarged about 8 diameters.

16 a. *Mangilia cerina* K. & S., dorsal view of head and foot more extended.

This plate first appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi, pl. xxix). The figures were drawn for the U. S. Fish Commission, by J. H. Emerton, under the direction of Prof. A. E. Verrill.

PLATE XLV.

FIG. 1. *Placophora atlantica* Verrill & Smith; nat. size.
1 a. The same, dorsal view.
1 b. The same, views of detached valves, two diameters.
2. *Trachydermon exaratus* Sars; 20.0.
2 a. The same, ventral view.
2 *b*. Anterior valve, 4.
3. *Cuspidaria lamellosa* Sars; 7.3.
4. *Lyonsia? arata* Verrill & Smith; 36.0.
5, 6. The same; views of the beak and hinge of two specimens to show variations; 2.
7. *Lyonsiella* (*insculpta* Jeffreys var.?) *gemma* Verrill; 4.5. Interior of left valve.
8. The same; exterior of the right valve of a larger specimen.
9. *Verticordia* (*Trigonulina*) *ornata* Orbigny; 3.0.
9 a. The same, view of the interior.
10. *Diplodonta turgida* Verrill & Smith; 25.0.
11. The same, interior of a somewhat smaller valve.
12. *Modiola polita* Verrill & Smith; 33.0.
13. *Tellimya ferruginosa* Montagu; 8.5, with the animal extended.
14. *Leda pernula* Müller; 17.0. Halifax to Martha's Vineyard, on the American coast; Europe.
14 a. The same, view of the hinge.
15. *Leda acuta* Conrad; 12.0. Side view.
16. *Idas argenteus* Jeffreys, var. *lamellosus* Verrill & Smith; 2.
16 a. The same, interior of the right valve; 2.

This plate first appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi., pl. xxx). The figures were drawn, under the direction of Prof. A. E. Verrill, for the U. S. Fish Commission, by J. H. Emerton.

PLATE XLVI.

FIG. 1. *Purpura hæmastoma* Linné var. *floridana* Conrad, operculum, inside view, nat. size.
1 a. The same, outside view.
2 *a*. The same, a view of the shell, nat. size.
2 *b*. The same, from the opposite side. [The preceding figures were drawn by the late Dr. William Stimpson.]
3. *Pleurotomella chariessa* Watson; 52.0.
4. *Pleurotomella tincta* Verrill; 22.0.
5. *Pleurotomella Frielei* Verrill; 22.0.
6. *Pleurotomella vitrea* Verrill; 8.0.
7. *Pleurotomella Lottæ* Verrill; 11.5.
8. *Pleurotomella* (*Gymnobela*) *Blakeana* Dall; 8.0.
9. *Admete? nodosa* Verrill; 12.0.
10. *Jumala brychia* Verrill; 41.0.
10 a. The same, operculum.
11. *Laxispira nitida* Verrill; 5.0.
12. *Omalaxis nobilis* Verrill; diam. 11.0, alt. 3.0.
13. *Pleurobranchus americanus* Verrill; 13.5.
14. *Coleophysis? eburnea* Verrill; 6.0.
15. *Actæon melampoides* Dall; 8.0.

PLATE XLVI—Continued

FIG. 16. *Dentalium candidum* Jeffreys; 75.0;
17. The same, young shell; 35.0.
18. *Dentalium laqueatum* Verrill; 45.0.
19. *Cadulus spectabilis* Verrill; 22.0.
20. *Cadulus grandis* Verrill; 12.5.
21. *Pseudamusium undatum* Verrill & Smith; 19.0.
22. *Cryptodon grandis* Verrill; 21.0.
23. *Barbatia (Macrodon?) profundicola* Verrill; 12.0.
23. The same, interior of left valve.
24. *Discinisca atlantica* King; 6.2; view from above, the setæ projecting from the shell.

With the exceptions mentioned, the figures above enumerated first appeared in the Transactions of the Connecticut Academy of Sciences (vol. vi, pl. xliv). They were drawn under the supervision of Prof. A. E. Verrill, for the U. S. Fish Commission, by Messrs. J. H. Blake and J. H. Emerton.

PLATE XLVII.

FIG. 1. *Melampus flavus* Gmelin; 12.0.
2. *Melampus floridanus* Shuttleworth; 7.5.
3. *Melampus coffeus* Linné, nat. size.
4. *Pedipes elongatus* Dall; 4.0.
5. *Tralia pusilla* Gmelin; 11.0.
6. *Pedipes unisulcatus* Cooper, west coast of America. Introduced for comparison.
7. *Detracia bulloides* Montagu; 11.0.
8. *Auriculastrum pellucens* Menke; 16.0. In old specimens the peristome becomes rather thick.
9. *Melampus lineatus* Say; nat. size.
10. *Sayella Crosseana* Dall; 2.5.
11. *Sayella Hemphillii* Dall; 3.75.
12. *Melampus lineatus* Say, typical or banded form, nat. size.
13. *Leuconia bidentata* Montagu.
14. *Blauneria heteroclita* Montagu.
15. *Pedipes liratus* Binney; 3.3. This is extremely similar to *P. mirabilis* Muhlfeldt, the common species of the Antilles, Bermuda, and the Florida region. It is introduced for comparison.
16. *Melampus olivaceus* Carpenter, nat. size. West America.
17. *Pedipes mirabilis* Muhlfeldt, var. *naticoides* Stearns; 3.6.

Figures 4, 6, 8, 10, 11 were drawn by J. C. McConnell, and have appeared in the Proceedings of the National Museum; Fig. 17 was drawn by Prof. E. S. Morse; the remainder are extracted from Binney's Land and Fresh Water Shells of North America, published by the Smithsonian Institution, and were furnished by the Institution for this publication.

PLATE XLVIII.

FIG. 1. *Drillia thea* Dall; 15.0.
2. *Oscilla nivea* Mörch; 8.5.
3. *Mangilia limonitella* Dall; 6.75.
4. *Turbonilla* (*Parthenia*) *cedrosa* Dall; 5.5. The aperture is a little broken.
5. *Mitra floridana* Dall; 6.0.
6. *Phos parvus* Ads. var. *intricatus* Dall; 13.2.
7. *Drillia leucocyma* Dall; 7.5. The last whorl of this specimen has been repaired after fracture.
8. Teeth of *Capulus hungaricus* Linné, much enlarged.
9. *Sipho pygmæus* Gould, showing soft parts.
10. *Tachyrhynchus erosa* Couthouy?, showing animal and part of the shell, enlarged. Cape Cod northward, West America, Arctic Seas.
11. *Liostraca Hemphillii* Dall; 3.0.
12. *Crepidula* (*Janacus*) *unguiformis* Lamarck, dentition much enlarged.
13. *Nassa trivittata* Say, twice nat. size, showing animal as if crawling.
14. *Limacina helicina* Phipps; dentition, enlarged.
15. *Scissurella crispata* Fleming, showing animal, from a sketch by Lucas Barrett; 4.0.
16. *Crepidula fornicata* Lamarck, from below, showing soft parts; 20.0.

Figures 1–7 and 11 were drawn by J. C. McConnell and first appeared in the Proceedings of the U. S. National Museum. Figures 9, 10, 13, and 16 were loaned by the U. S. Fish Commission and are now first published. They were drawn by Prof. A. E. Verrill. Figures 8, 12, 14, and 15 have appeared in the publications of the British Museum and Woodward's Manual, and were loaned by the Smithsonian Institution.

PLATE XLIX.

FIG. 1. *Terebratulina caputserpentis* Linné, showing interior of hæmal valve somewhat enlarged. *T. septentrionalis* Couthouy (see plate lxix) appears to be an American race of this species.
2. The same, showing soft parts.
3. *Platidia seminula* Philippi (*P. anomioides* Scacchi); interior of hæmal valve, much enlarged.
4. The same, showing soft parts; 4.5.
5. *Yoldia limatula* Say, showing animal; ¼.
6. *Parastarte triquetra* Conrad; 5.0. Exterior.
7. The same, interior of right valve.
8. The same, interior of left valve.
9. *Mya arenaria* Linné with the left valve, and mantle-lobe and part of the siphons removed, showing anatomical features: *a*, anterior adductor muscle; *a'* posterior adductor; *b*, visceral mass or body: *cl*, cloaca; *e*, epidermis of siphons; *f*, foot; *g*, gills; *h*, heart; *m*, cut edge of the mantle; *o*, mouth; *s*, *s'*, siphons; *t*, labial palpi; *v*, vent; *u*, the umbo of the shell; *p. o.*, pedal orifice of the mantle; *r*, rectum. From a drawing by Miss Hume.
10. *Lyonsia hyalina* Conrad, showing animal extended.
11. *Thecidium mediterraneum* Sowerby; 5.5; interior of hæmal valve showing soft parts.

Figure 10 is loaned by the U. S. Fish Commission. Figures 6, 7, and 8 are taken from the Proceedings of the U. S. National Museum. The others are from the British Museum series, and were loaned by the Smithsonian Institution.

PLATE L.

FIG. 1. *Purpura lapillus* Linné.
2. The same; a younger specimen.
3. The same; ovicapsules enlarged about four times.
4. *Chrysodomus* (*Sipho*) *pygmæus* Gould.
5. *Scala multistriata* Say.
6. *Urosalpinx cinereus* Say.
7. *Nassa trivittata* Say.
8. *Nassa vibex* Say.
9. *Nassa* (*Ilyanassa*) *obsoleta* Say.
10. *Scala Sayana* Dall; 17.0.
11. *Eupleura caudata* Say, small northern form.
12. *Anachis avara* Say, variety.
13. *Astyris pura*? Verrill; (*A. zonalis* Linsley, non Verrill).
14. *Mangilia*? *plicosa* C. B. Adams.
15. *Mangilia*? *bicarinata* Couthouy.
16. *Astyris lunata* Say.
17. *Bela harpularia* Couthouy.
18. *Lunatia triseriata* Say; young.
19. The same; older specimen.
20. *Lunatia immaculata* Totten.
21. *Natica pusilla* Say.
22. *Cœcum pulchellum* Stimpson.
23. *Crepidula fornicata* Lamarck.
24. The same; young specimen.
25. *Crepidula convexa* Say.
26. *Crepidula* (*unguiformis* Lam. var.?) *plana* Say.
27. *Crucibulum striatum* Say; profile.
28. The same, from below.

Except where otherwise indicated the figures are of natural size. These figures were drawn by E. S. Morse, were first published in Mr. W. G. Binney's edition of Gould's Invertebrata of Massachusetts, and were loaned on the present occasion by the U. S. Fish Commission.

PLATE LI.

FIG. 1. *Lunatia heros* Say, showing animal crawling.
2. *Acmæa testudinalis* Linné, profile.
3. The same, from below.
4. *Vermicularia spirata* Philippi.
5. *Litorina palliata* Say.
6. *Litorina rudis* Maton.
7. *Acmæa testudinalis* var. *alveus* Couthouy, profile.
8. The same from below.
9. *Trachydermon ruber* Linné.
10. *Chaetopleura apiculata* Say.
11. *Lunatia heros* Say.
12. *Neverita duplicata* Say.

The same remarks apply to these figures as to those included in Plates L, LII, and LIII.

PLATE LII.

FIG. 1. *Eumeta subulata* Montagu; (*Cerithiopsis Emersonii* Ad.).
2. *Cerithiopsis Greenii* C. B. Adams.
3. *Triforis adversa* var. *nigrocincta* Adams.
4. *Bittium alternatum* Say; (*B. nigrum* Totten).
5. *Seila terebralis* C. B. Adams.
6. *Turbonilla elegans* Verrill.
7. *Odostomia bisuturalis* Say.
8. *Odostomia trifida* Totten.
9. *Alexia myosotis* Draparnaud, young shell.
10. *Odostomia seminuda*.
11. *Odostomia impressa* Say.
12. *Rissoa* (*Onoba*) *aculeus* Gould.
13. *Syrnola producta* Adams.
14. *Eulima intermedia* Cantraine (*E. olcacea* K. and S.).
15. *Syrnola fusca* Adams.
16. *Solariella obscura* Couthouy.
17. *Rissoa* (*Cingula*) *minuta* Totten.
18. *Skenea planorbis* Fabricius.
19. *Lacuna vincta* Montagu.
20. *Haminea solitaria* Say.
21. *Cylichna alba* Brown.
22. *Actæon puncto striatus* Adams.
23. *Cylichnella oryza* Stimpson.
24. *Diaphana debilis* Gould.
25, 26. *Utriculus pertenuis* Mighels, a series showing variations.
27. *Tornatina canaliculata* Say; 5.0.

Figures 6, 25, and 26 were loaned by the U. S. Fish Commission; and were drawn by Prof. A. E. Verrill. See remarks under Plate L.

PLATE LIII.

FIG. 1. *Anomia simplex* Orbigny, side view.
2. The same, from below.
3. *Siliqua costata* Say.
4. *Ensis americana* Gould.
5. *Anomia aculeata* Gmelin, from above.
6. The same, from below.
7. The same, sculpture magnified.
8. The same, smooth variety.
9. *Modiolaria corrugata* Stimpson.
10. *Crenella glandula* Totten.
11. *Pecten irradians* Lamarck, typical form.

For remarks see note to Plate L.

PLATE LIV.

FIG. 1. *Modiola plicatula* Lamarck, typical form.
2. *Modiolaria nigra* Gray.
3. *Mytilus edulis* Linné, rayed color-variety.
4. *Modiola modiolus* Linné.

For remarks see note to Plate L.

PLATE LV.

FIG. 1. *Tellina tenera* Say, showing extended animal.
2. *Mya arenaria* Linné, showing extended animal.
3. *Tagelus gibbus* Spengler, showing extended animal.
4. *Ensis americanus* Gould, showing extended animal.
5. The same, terminal siphonal papillæ.
6. *Teredo navalis* Linné, removed from burrow, showing external soft parts, shell, and pallets.
7. *Venus mercenaria* Linné, showing extended animal.

These figures were loaned by the U. S. Fish Commission. They first appeared in the first Annual Report of the Commission in Prof. A. E. Verrill's report on the invertebrate animals of Vineyard Sound, and were drawn from life by Professor Verrill.

PLATE LVI.

FIG. 1. *Yoldia limatula* Say.
2. *Arca transversa* Say.
3. *Tagelus gibbus* Spengler.
4. *Nucula proxima* Say.
5. *Tagelus divisus* Spengler.
6. *Macoma baltica* Linné, var. *fusca* Adams.
7. *Kellia planulata* Stimpson, enlarged about twice nat. size.
8. *Nucula delphinodonta* Mighels, enlarged to about twice nat. size.
9. *Yoldia sapotilla* Gould.
10. *Macoma tenta* Say, typical form.
11. *Gemma purpurea* H. C. Lea (*G. gemma* Totten), identified from Lea's type.
12. *Tellina tenella* Verrill.
13. *Tellina tenera* Say.
14. *Cumingia tellinoides* Conrad.
15. *Cytherea convexa* Say.
16. *Arca* (*Argina*) *pexata* Say.

For remarks see note under Plate L. Fig. 12 was drawn by Prof. A. E. Verrill.

PLATE LVII.

FIG. 1. *Cyprina islandica* Linné.
2. *Mactra solidissima* Dillwyn.

For remarks see note under Plate L.

PLATE LVIII.

FIG. 1. *Astarte undata* Gould.
2. *Cryptodon Gouldii* Philippi.
3. *Solenomya velum* Say.
4. *Astarte quadrans* Gould, Long Island Sound northward to Nova Scotia.
5. *Cardium pinnulatum* Conrad.
6. *Divaricella dentata* Wood.
7. *Astarte castanea* Say.
8. *Liocardium Mortoni* Conrad, showing extended animal.
9. *Venericardia borealis* Conrad, typical form.
10. *Venericardia borealis* var. *novangliæ* Morse.
11. *Eriphyla lunulata* Conrad, enlarged.
12. *Cryptodon obesus* Verrill, greatly enlarged.
13. *Eriphyla lunulata* Conrad, natural size.
14. *Lucina filosa* Stimpson.

See Plate L for remarks. Figures 1, 11, and 12 were drawn by Prof. A. E. Verrill.

PLATE LIX.

FIG. 1. *Xylotrya fimbriata* Jeffreys; showing shell, interior and exterior, pallets, and sculpture, enlarged.
2. *Teredo navalis* Linné; exterior of shell, pallets, and sculpture, enlarged.
3. *Teredo megotara* Hanley; shell, interior and exterior, and pallets, enlarged.
4. *Teredo Thomsoni* Tryon; shell, interior and exterior, and pallets, enlarged.
5. *Thracia myopsis* Beck; Arctic Seas to Cape Cod.
6. *Periploma* (*Cochlodesma*) *Leana* Conthouy.
7. *Periploma fragilis* Totten.
8. *Gastranella tumida* Verrill, enlarged.
9. *Thracia truncata* Mighels and Adams; Arctic Seas to New York.
10. *Corbula contracta* Say.
11. *Lyonsia hyalina* Conrad.
12. *Pholas* (*Barnea*) *truncata* Say.
13. *Saxicava arctica* Deshayes.
14. *Clidiophora Gouldiana* Dall (*C. trilineata* Gould non Say).
15. *Petricola pholadiformis* Lamarck.

For remarks see note under Plate L. Figure 8 was drawn by Prof. A. E. Verrill.

PLATE LX.

FIG. 66. *Drillia? Dalli* Verrill & Smith.
66 a. The same; side view of last whorl, showing anal notch.
67. *Pleurotomella Agassizii* Verrill; adult.
68. *Pleurotomella Bairdii* Verrill.
69. *Pleurotomella Pandionis* Verrill.
70. *Pleurotomella Packardi* Verrill; var. *Benedicti* Verrill & Smith.
70 a. The same; nucleus, showing sculpture of larval or *Sinusigera* shell.
71. *Pleurotomella Agassizii* Verrill; young.
71 a. The same; nucleus, showing *Sinusigera* sculpture.
72. *Pleurotomella Packardi* Verrill; var. *formosa* Jeffreys.
73. *Mangilia bandella* Dall.
74. *Pleurotomella Emertonii* Verrill & Smith.

The figures on this plate and several which follow were loaned by the U. S. Fish Commission. They first appeared in the Report of the Commissioner of Fisheries for 1883, though reduced copies of them had been used to illustrate Prof. Verrill's papers in the Transactions of the Connecticut Academy of Sciences. They were drawn under the supervision of Prof. Verrill for the U. S. Fish Commission by J. H. Emerton and others.

Some of these figures, in a reduced form, reappear on Plates XLIII–XLVI, but as they are rather small there it was thought best to duplicate them by using the larger figures, since the latter were available. Had *all* the figures on the reduced scale been available, separately, of larger size, none of the former would have been used; but, after all, the duplication is of little consequence, as, in a general way, it is true that the more good figures there are accessible, the better for students.

PLATE LXI.

FIG. 75. *Pleurotomella Bruneri* Verrill & Smith.
76. *Pleurotomella catherinæ* Verrill & Smith.
76 a. The same, enlarged tip, showing sculpture of nucleus.
77. *Mangilia comatotropis* Dall.
78. *Bela Tanneri* Verrill & Smith.
79. *Marginella* (*apicina* var. ?) *borealis* Verrill.
80. *Buccinum abyssorum* Verrill, and operculum.
81. *Sipho Sarsii* Jeffreys.
82. *Sipho* (?) *glyptus* Verrill.
86. *Rissoa Jan-Mayeni* Friele.
90. *Scala gronlandica* Perry.
91. *Scala Dalliana* Verrill & Smith.
92. *Scala Pourtalesii* Verrill & Smith.
93. *Scala* (*Opalia*) *Leeana* Verrill.
94. *Scala Andrewsii* Verrill; 5.5, Newport, R. Id., 100 fms.

For remarks on these figures see note under preceding plate.

PLATE LXII.

FIG. 83. *Eudolium Crosseanum* Monterosato.
83 a. The same, showing soft parts of male specimen reduced one-third from natural size.
84. *Oöcorys sulcata* Fischer; shell.
84 a. The same; operculum.
84 b. The same; dentition.
85. *Torellia fimbriata* Verrill & Smith; Martha's Vineyard and northward.
87. *Fossarus elegans* Verrill & Smith.
88. *Seguenzia monocingulata* Seguenza.
88 a. The same, operculum, inside view.
89. The same, var. *eritima* Verrill.

For remarks on these figures see note under Plate LX.

PLATE LXIII.

FIG. 95. *Solarium boreale* Verrill, young shell.
95 a. The same, still younger, showing immersed nucleus.
96. *Calliostoma Bairdii* Verrill & Smith; from above, showing animal crawling.
97. *Solariella Ottoi* Philippi.
98. *Solariella lamellosa* Verrill & Smith.
99. *Cyclostrema fulgidum* Jeffreys.
100. *Addisonia paradoxa* Dall, from below, showing animal in shell.
100 a. The same, profile of shell.
101. *Cocculina leptalea* Verrill.
102. *Placophora atlantica* Verrill & Smith, viewed from above.
102 a. The same, viewed from below.
103. *Amicula vestita* Sowerby var. *Emersonii* Couthouy, viewed from below. This is a purely northern species.
103 a. The same, posterior part of body from below, showing the fenestræ and also the way in which the tail is temporarily channeled to allow of the expulsion of fæcal pellets.
104. *Turbonilla Rathbuni* Verrill & Smith.

For remarks in regard to these figures see note under Plate LX.

PLATE LXIV.

FIG. 106. *Scaphander nobilis* Verrill.
123. *Dentalium occidentale* Stimpson; ⅓.
124. The same, a more curved variety.
125. The same, a more finely grooved variety.
125 a. The same, transverse section of Fig. 125.
126. *Cadulus Pandionis* Verrill & Smith.
136. *Diplodonta turgida* Verrill & Smith; interior of left valve.
136 a. *Crenella decussata* Montagu.
140. *Leda acuta* Conrad; interior of left valve.
140 a. *Petricola pholadiformis* Lamarck; showing extended siphons.
141. *Pecten* (*Pseudamusium*?) *vitreus* Gmelin.
142. *Pseudamusium imbrifer* Lovèn; *a*, right and *b*, left valve.
142 a. *Turtonia minuta* Fabricius, with extended foot, greatly magnified; drawn by Prof. A. E. Verrill.
142 b. *Argonauta argo* Linné; typical Mediterranean form swimming: for comparison with the variety *Americana*.

Figure 136 *a* first appeared in the proceedings of the U. S. National Museum, illustrating Miss Bush's paper on the shells of Labrador. Figure 142 *b* is from the British Museum series, and was lent by the Smithsonian Institution. The others were received from the U. S. Fish Commission. See note under Plate LX. Figure 140 *a* is one of those drawn by Morse for Binney's Gould. Fig. 142 *a* is now first published.

PLATE LXV.

FIG. 127. *Teredo megotara* Hanley; removed from its burrow, showing shell, pallets and soft parts, about half natural size.
128. *Poromya sublevis* Verrill; interior of right valve.
128 a. *Siliqua costata* Say; interior, showing hinge, pallial line, and muscular impressions.
129. *Cuspidaria striata* Jeffreys.
130. *Cetoconcha bulla* Dall.
131. *Verticordia* (*Trigonulina*) *ornata* Orbigny, right valve; *a*, interior, *b*, exterior view.
132. *Verticordia flexuosa* Verrill & Smith, exterior of left valve.
133. *Lyonsia*? *arata* Verrill & Smith, showing hinge in right valve of two specimens, *a* and *b*.
134. The same, exterior of right valve.
135. *Diplodonta turgida* Verrill & Smith, interior of right valve.

Figure 128 a is now first published. For the others see note under Plate LX.

PLATE LXVI.

FIG. 110. *Atlanta Peronii* Lesueur, side view of shell.
110 a. The same, front view.
111. *Atlanta Gaudichaudi* Eydoux & Souleyet, from a camera lucida sketch by Mr. W. E. Safford.
112. *Creseis conica* Eschscholtz, showing animal in situ.
113. *Cavolinia tridentata* Forskäl, with animal extended.
115. *Cavolinia* (*Diacria*) *trispinosa* Gray, with animal extended.
116. *Cavolinia uncinata* Rang, with animal extended.
117. *Cuvierina columnella* Rang, showing extended animal, and remnant of the larval cone at the base.
118. *Creseis recta* Blainville, side view of shell, greatly enlarged.

PLATE LXVI—Continued.

FIG. 119. *Creseis* (*Hyalocylix*) *striata* Rang, showing animal extended, enlarged.

120. *Corolla calceola* Verrill, with extended animal in situ, two-thirds natural size. This species and *C. spectabilis* Dall, of the Pacific, belong to the same group. The former was referred to *Gleba*, Forskäl, by Dr. Pelseneer in his description of the Challenger Pteropods, probably on account of the poor state of his material. But *C. spectabilis* has precisely such a "shell" as *C. calceola*, which does not resemble the "shell" of *Gleba*, and has been taken with its "shell" in the Santa Barbara Channel, California. The genus *Cymbuliopsis* Pelseneer, being of later date than *Corolla*, will therefore fall into the synonymy of the latter name.

121. *Spongiobranchia australis* Orbigny. This figure represents the adult form of a tropical Pteropod not yet found on our coast, though certain larvæ, perhaps of *Notobranchæa*, have been referred to it.

122. *Clione limacina* Phipps.

Figures 112 and 113 are from Binney's Gould. The remarks applying to the others will be found under Plate LX.

PLATE LXVII.

FIG. 63. *Argonauta argo* Linné, var. *americana* Dall. Animal removed from the shell and somewhat contracted by immersion in alcohol.

63 a. The same, front view of shell.

63 b. The same, side view of shell.

The average *Argonauta argo* of the Mediterranean has from two to three times as many radial folds and carinal nodules as the variety here figured. It is also more compressed and narrow, and the marginal rib on each side of the aperture is less prominent and usually is merged in the margin imperceptibly and does not stand out laterally at all. There are, doubtless, variations in these characters, but on the whole the Antillean and American form seems sufficiently constant for the latter to receive a varietal name.

For remarks on the figures, see note under Plate LX.

PLATE LXVIII.

FIG. 1. *Teredo dilatata* Stimpson, interior and exterior views of valves; pallets.

2. *Teredo norvegica* Spengler, enlarged; interior view of valve; the two valves united; pallets.

3. *Lyrodus chlorotica* Gould; interior and exterior view of valves, and the two pallets.

4. *Spirula Peronii* Lamarck; shell.

5. *Kellia suborbicularis* Montagu; natural size; hinge line and umbo magnified.

6. *Montacuta elevata* Stimpson.

7. *Turtonia minuta* O. Fabricius.

8. *Nucula tenuis* Montagu; somewhat enlarged.

9. *Pholas* (*Barnea*) *costata* Linné.

10. *Zirphæa crispata* Leach.

The figures of which this and the remaining plates (LXIX–LXXIV) are composed are from Mr. W. G. Binney's edition of Gould's Invertebrata of Massachusetts, drawn by Prof. E. S. Morse, and borrowed for the purposes of this publication from the Smithsonian Institution.

PLATE LXIX.

FIG. 1. *Astyris rosacea* Gould.
2. *Mya arenaria* Linné.
3. *Litorina rudis*, var. *tenebrosa*, Montagu.
4, 5. *Terebratulina septentrionalis* Couthouy; hæmal view and side view.
6. *Litorina irrorata* Say.
7. *Petricola pholadiformis* Lamarck.
8. *Mactra lateralis* Say.
9. *Thracia Conradi* Couthouy.

PLATE LXX.

FIG. 1. *Mactra ovalis* Gould.
2. *Pecten magellanicus* Gmelin.

PLATE LXXI.

FIG. 1. *Venus mercenaria*, var. *notata*, Say.
2. *Mytilus edulis* Linné; typical form.
3. *Venus mercenaria* Linné; typical.

PLATE LXXII.

FIG. 1. *Chione limacina* Phipps; enlarged to twice natural size.
2. *Philine sinuata* Stimpson.
3. *Philine quadrata* Searles Wood; Europe, Arctic seas, southward to Cape Cod.
4. *Scaphander puncto-striatus* Mighels and Adams; enlarged about one-third.
5. *Lamellaria pellucida* Verrill.
6. *Utriculus pertenuis* Mighels.
7. *Utriculus Gouldii* Couthouy.
8. *Philine lineolata* Couthouy; enlarged three times. Arctic seas, southward to Cape Cod.
9. *Adeorbis costulata* Möller.
10. *Scala grœnlandica* Perry.
11. *Sipho Stimpsoni* Mörch.
12. *Buccinum undatum* Linné.

PLATE LXXIII.

FIG. 1. *Fulgur canaliculatus* Linné.

PLATE LXXIV.

FIG. 1. *Fulgur carica* Gmelin.

INDEX TO THE NAMES CONTAINED IN THE TABLES.

	Page.
Abra	62
æqualis	62
lioica	62
longicallus	62
Abralia megaptera	Pl. 43
Acanthochiton	174
astriger	174
spiculosus	174
Acanthopleura	174
picea	174
Acanthopleuridæ	174
Aclis	126
egregia	126
lata	126
nucleata	126
striata	126
tenuis	126
Acmæa	156
alveus	156
Candeana	156
melanoleuca	156
pulcherrima	156
punctulata	156
testudinalis	156
Acmæidæ	156
Acrilla	124
Actæon	84
Cumingi	84
Danaida	84
delicatus	84
exilis	84
incisus	84
melampoides	84
perforatus	84
punctostriatus	84
pusillus	84
Actæonidæ	84
Acus	94
Addisonia	158
paradoxa	158
Addisoniidæ	158
Adeorbidæ	150
Adeorbis	150
Beaui	150
olivaceus	150
Orbignyi	150
supranitidus	150
Adesmacea	72
Admete	106
microscopica	106
nodosa	106
Æsopus	118
Stearnsii	118
Akteophila	90
Alaba (see also Bittium)	146
conoidea	146
tervaricosa	146
Alexia	92
myosotis	92
Amalthea	154
antiquata	154
benthophila	154
subrufa	154
Amaltheidæ	154
Amicula	174
vestita	174
Amiculidæ	174
Amphiperas	134
Amphiperasidæ	134
Ampullaria	150
caliginosa	150
depressa	150
Ampullariidæ	150
Amusium	34
cancellatum	34
Dalli	34
Holmesii	34
marmoratum	34
Mortoni	34
Pourtalesianum	34
Sayanum	34
striatulum	34
Amygdalum	38
Anachis	116
albella	118
amphissella	118
avara	116
haliæeti	116
Hotessieriana	118
obesa	118
pulchella	118
Rushii	118
samanensis	118
semiplicata	116
similis	116
translirata	116
Anaspidea	90
Anatinacea	64
Anatinidæ	64
Ancistrobasis	164
Ancistrosyrinx	96
elegans	96

	Page.
Ancistrosyrinx—Continued.	
radiata	96
Anisopleura	84
Anomalocardia	54
rostrata	54
Anomalodesmacea	64
Anomia	32
aculeata	32
simplex	32
Anomiacea	32
Anomiidæ	32
Aplustridæ	88
Aplustrum	88
Aplysia	96
protea	90
Willcoxii	90
Aplysiidæ	90
Arca	40
Adamsii	42
americana	40
auriculata	40
barbata	40
candida	40
Conradiana	42
ectocomata	40
glomerula	42
Holmesii	40
imbricata	40
incongrua	40
jamaicensis	40
lienosa	40
Noæ	40
nodulosa	42
Orbignyi	40
pectunculoides	42
pexata	40
polycyma	42
ponderosa	40
reticulata	42
transversa	40
Arcacea	40
Arcidæ	40
Argina	40
Argonauta	174
americana	174
argo	174
Argonautidæ	174
Arthropomata	28
Asaphis	60
deflorata	60
Aspella	120
hastula	120
lamellosus	120
obeliscus	120
paupercula	120
scalarioides	120
Assiminea	150
Auberiana	150
concinna	150
Assimineidæ	150
Astarte	46
castanea	46
globula	46
lens	46
nana	46

	Page.
Astarte—Continued.	
quadrans	Pl. 58
Smithii	46
undata	46
Astartidæ	46
Asthenothærus	64
Hemphillii	64
Astralium	158
americanum	158
brevispinum	158
cælatum	158
imbricatum	158
longispinum	158
tuber	158
Astyris	118
diaphana	118
Duclosiana	118
fusiformis	118
lunata	118
multilineata	118
profundi	118
pura	118
Raveneli	118
rosacea	118
Verrillii	118
Atlanta	136
Gaudichaudi	136
inclinata	136
Lamanoni	136
Peronii	136
pulchella	136
rosea	136
Atretia	28
gnomon	28
Atys	86
caribæa	86
Sandersoni	86
Auricula	90
Auriculastrum	90
pellucens	90
Auriculidæ	90
Auriculinæ	90
Aurinia	110
dubia	110
Gouldiana	110
robusta	110
Avicula	36
atlantica	36
nitida	36
Aviculidæ	36
Balantium	82
Barbatia	40
Barnea	72
costata	72
maritima	72
truncata	72
Basilissa	164
alta	164
costulata	164
delicatula	164
depressa	164
superba	164
Basommatophora	90
Basterotia	70
quadrata	70

	Page.
Bathymophila	162
cuspira	162
Bela	98
Blakei	98
harpularia	98
Rathbuni	98
subturgida	100
subvitrea	98
Tanneri	100
tenuicostata	98
Benthobia	106
Tryoni	106
Benthonella	150
Fischeri	150
gaza	150
nisonis	150
Bittium	140
Adamsi	140
alternatum	140
cerithidioides	140
varium	140
Bivonia	144
exserta	144
Blauneria	92
heteroclita	92
Boasia	80
Borcotrophon	120
abyssorum	120
actinophorus	120
lacunellus	120
vaginatus	120
Borsonia	98
Botula	38
Botulina	38
Brachiopoda	28
Brachydontes	38
Buccinidæ	114
Buccinum	114
abyssorum	114
undatum	114
Bulla	88
abyssicola	88
eburnea	88
occidentalis	88
solida	88
striata	88
Bullidæ	88
Bullina	88
undata	88
Bushia	64
elegans	64
Byssoarca	42
Cadulus	76, 78
acus	78
æqualis	76
Agassizii	78
amiantus	78
carolinensis	78
cucurbita	78
cylindratus	76
gracilis	78
grandis	76
incisus	76
Jeffreysi	76
lunula	78

	Page.
Cadulus—Continued.	
minusculus	78
obesus	78
Pandionis	78
poculum	76
quadridentatus	76
spectabilis	76
Watsoni	76
Cæcidæ	142
Cæcum	142
bipartitum	142
carolinianum	142
Cooperi	142
decussatum	142
floridanum	142
glabrum	142
instructum	142
pulchellum	142
Calliostoma	162
apicinum	162
asperrimum	162
aurora	162
Bairdii	162
Benedicti	162
cinctellum	162
circumcinctum	162
corbis	162
dentiferum	162
echinatum	162
englyptum	162
indiana	162
jujubinum	162
orion	162
pulcher	162
Rawsoni	162
roscolum	162
sapidum	162
Sayanum	162
sericifilum	162
tampaënsis	162
tiara	162
yucatecanum	162
Callista	56
gigantea	56
maculata	56
Callocardia	54
Callogaza	160
Watsoni	160
Calyptræa Candeana	152
Calyptræidæ	152
Cancellaria	104
Conradiana	104
reticulata	104
Cancellariidæ	104
Capulidæ	152
Capulus	152
galea	154
hungaricus	152
intortus	154
Cardiacea	52
Cardiidæ	52
Cardiomya	66
corpulenta	66
costellata	66
ornatissima	66

	Page.
Cardiomya—Continued.	
perrostrata	66
striata	66
Cardita	46
Conradii	46
domingensis	46
floridana	46
gracilis	46
Carditacea	46
Carditidæ	46
Cardium	52
antillarum	52
islandicum	52
isocardia	52
magnum	52
medium	52
muricatum	52
peramabilis	52
pinnulatum	52
tinctum	52
Careliopsis	130
styliformis	130
Carinaria	136
mediterranea	136
Carinariidæ	136
Cassididæ	134
Cassis	134
cameo	134
inflata	134
testiculus	134
tuberosa	134
Cavolinia	82
gibbosa	82
inflexa	82
longirostris	82
quadridentata	82
tridentata	82
trispinosa	82
uncinata	82
Cavoliniidæ	80
Cephalopoda	174
Ceratozona	172
Guildingi	172
Cerithidea	140
costata	140
scalariformis	140
turrita	140
varicosa	140
Cerithiella	140
Whiteavesii	140
Cerithiidæ	140
Cerithiopsidæ	138
Cerithiopsis	138
abrupta	140
crystallina	138
Greenii	138
Martensii	138
metaxæ	140
pulchella	138
Sigsbeeana	138
tæniolata	140
tuberculariis	138
Cerithium	140
algicola	140
eburneum	140

	Page.
Cerithium—Continued.	
floridanum	140
literatum	140
minimum	140
muscarum	140
nigrescens	140
semiferrugineum	140
uncinatum	140
variabile	140
Cetoconcha	68
bulla	68
margarita	68
Cetomya	68
Chætopleura	172
apiculata	172
janeirensis	172
Chama	52
arcinella	52
congregata	52
lactuca	52
macrophylla	52
sarda	52
Chamacea	52
Chamidæ	52
Chicoreus	118
brevifrons	118
rufus	118
Chiton	172
marmoratus	172
squamosus	172
Choristes	152
elegans	152
Choristidæ	152
Choristodon	58
cancellata	58
robusta	58
Chrysodomus	114
Cingula	148
Circe	48
Cirsotrema	124
Cistella	28
Barrettiana	28
lutea	28
Schrammi	28
Cithna	146
tenella	146
Clathrella	150
naticoides	150
Cleodora	80
cuspidata	80
falcata	82
pyramidata	80
recurva	82
Clidiophora	66
carolinensis	68
Gouldiana	68
trilineata	68
Clione	82
limacina	82
Clionidæ	82
Cliopsis	82
grandis	82
Clypidella	172
fascicularis	172
Cocculina	158

	Page.
Cocculina—Continued.	
Beanii	158
Dalli	158
leptaleæ	158
Rathbuni	158
reticulata	158
spinigera	158
Cocculinidæ	158
Cochliolepis	162
parasitica	162
striata	162
Cochlodesma	64
Leanum	64
Colcophysis	84
eburneus	84
perplicatus	84
Colubraria	132
lanceolata	132
reticulata	132
Swiftii	132
testacea	132
Columbella	116
mercatoria	116
rusticoides	116
Columbellidæ	116
Conidæ	94
Conidea	118
ovulata	118
Conomitra	110
Blakeana	110
lævior	110
Conus	94
Agassizii	94
amphiurgus	94
centurio	94
Dolessertii	94
flavescens	94
floridanus	94
mus	94
Pealii	94
proteus	94
pygmæus	94
verrucosus	94
Coralliophaga	58
carditoidea	58
Coralliophila	122
bracteata	122
Deburghiæ	122
galea	122
lactuca	122
Coralliophilinæ	122
Corbiculidæ	56
Corbula	70
Barrattiana	70
contracta	70
Cubaniana	70
cymella	70
Dietziana	70
disparilis	70
Krebsiana	70
nasuta	70
Swiftiana	70
Corbulidæ	70
Cordieria	98
Rouaultii	98

	Page.
Corolla	82
calceola	82
Crania	30
Pourtalesii	30
Craniidæ	30
Cranopsis	170
asturiana	170
Crassatella	48
floridana	48
Crassatellidæ	48
Crenella	40
decussata	40
divaricata	40
fragilis	40
glandula	40
Crepidula	152
aculeata	152
convexa	152
fornicata	152
plana	152
Creseis	80
chierchiæ	80
conica	80
recta	80
virgula	80
Crucibulum	152
auricula	152
striatum	152
Cryptodon	50
ferruginosus	50
Gouldii	50
grandis	50
obesus	50
ovoideus	50
pyriformis	50
tortuosus	50
Ctenobranchiata	94
Cumingia	62
tellinoides	62
Cuspidaria	66
arcuata	66
glacialis	66
Jeffreysi	66
lamellosa	66
microrhina	66
obesa	66
rostrata	66
Cuspidariidæ	66
Cuvierina	82
columnella	82
Cyclostrema	166
cancellatum	166
cingulatum	166
cistronium	166
diaphanum	166
fulgidum	166
ornatum	166
pompholyx	166
trochoides	166
turbinum	166
valvatoides	166
Cyclostrematidæ	166
Cylichna	86
alba	86
Verrillii	86

	Page.
Cylichnella	86
bidentata	86
oryza	86
Cylindrobulla Beaui	88
Cymatosyrinx	98
Cymbuliidæ	82
Cymbuliopsis	82
Cynodonta	110
capitellum	110
muricata	110
Cypræa	136
cinerea	136
exanthema	136
flaveola	136
spurca	136
Cypræidæ	136
Cyprina	54
islandica	54
Cyrena	56
carolinensis	56
floridana	58
Cyrenellidæ	50
Cyrenoidea	50
floridana	50
Cythara	100
Bartlettii	100
cymella	100
Cytherea	56
albida	56
convexa	56
hebræa	56
idonea	56
obovata	56
Simpsoni	56
Dacrydium	38
vitreum	38
Dalium	132
solidum	132
Daphnella	100
calyx	100
corbicula	100
clata	100
hyperlissa	100
leucophlegma	100
limacina	100
limnæiformis	100
morra	100
pompholyx	100
reticulosa	100
retifera	100
sofia	100
Delphinulidæ	164
Dentaliidæ	76
Dentalium	76
agile	76
antillarum	76
ca'amus	76
callipeplum	76
callithrix	76
candidum	76
capillosum	76
carduus	76
ceras	76
ceratum	76
compressum	76

	Page.
Dentalium—Continued.	
disparile	76
ensiculus	76
filum	76
Gouldii	76
laqueatum	76
leptum	76
matara	76
occidentale	Pl. 64
ophiodon	76
perlongum	76
platamodes	76
sericatum	76
taphrium	76
teres	76
Dentistyla	162
Detracia	92
bulloides	92
Diacria	82
Diaphana	86
debilis	86
Diastoma	140
Dibranchiata	174
Dillwynella	160
modesta	160
Dimya	32
argentea	32
Dimyidæ	32
Dione	56
dione	56
Diplodonta	52
semiaspera	52
soror	52
subglobosa	52
turgida	52
Diplodontidæ	52
Diplothyra	72
Discina	30
Discinidæ	30
Discinisca	30
antillarum	30
atlantica	30, Pl. 46
Discopsis	160
omalos	160
Distortrix	132
reticulata	132
Ditremata	90
Divaricella	50
dentata	50
quadrisulcata	50
Docoglossa	156
Dolichotoma	96
viabrunnea	96
Doliidæ	134
Dolium	134
galea	134
perdix	134
Dolophanes	142
columbella	142
Gabbi	142
Donacidæ	58
Donax	58
denticulatus	58
fossor	58
obesa	58

	Page.
Donax—Continued.	
variabilis	58
Doris complanata	Pl. 43
Dosinia	56
discus	56
elegans	56
Dreissensia	40
Drillia	96
acestra	96
acloneta	98
acrybia	96
æpynota	98
albicoma	96
albinodata	96
alesidota	96
canna	96
carminura	98
centimata	98
cestrota	98
Dalli	98
detecta	96
ebenina	96
ebur	98
eucosmia	96
fucata	98
haliostrephis	96
Harfordiana	96
havanensis	98
leucocyma	96
lissotropis	98
lithocolleta	98
macilenta	96
Moseri	98
nucleata	98
oleacina	98
ostrearum	96
pagodula	98
paria	98
pentagonalis	98
pharcida	96
polytorta	96
remorra	98
Simpsoni	98
smirna	98
thea	98
tristicha	98
Verrillii	98
Echinella	146
nodulosa	146
Egeta	58
Emarginula	170
cancellata	170
compressa	170
pumila	170
tumida	170
Embolus	80
inflatus	80
triacanthus	80
Engina	116
turbinella	116
Ensiphonacea	72
Ensis	72
americana	72
viridis	72
Eochi'onia	172

	Page.
Erato	136
Maugeriæ	136
Etiphyla	48
lunulata	48
parva	48
Erv lia	62
concentrica	62
nitens	62
Erycinidæ	48
Ethalia	160
multistriata	160
reclusa	160
solida	160
suppressa	160
Eubela	100
Eucasta	162
Eucheilus	164
eucasta	164
guttarosea	164
Euciroa	66
Eudesia	28
cranium	28
floridana	28
Eudesiidæ	28
Eudolium	134
Crosseanum	134
Verrillii	134
Eulima	126
arcuata	126
Carolii	126
conoidea	126
elongata	126
gibba	126
gracilis	126
intermedia	126
jamaicensis	126
subcarinata	126
Eulimella	130
lissa	130
scillæ	130
unifasciata	130
Eulimidæ	126
Eumeta	140
subulata	140
Eunaticina	156
carolinensis	156
Eupleura	120
caudata	120
Stimpsoni	120
Euthyneura	84
Eutrochus	162
Fabella	48
constricta	48
Fasciolaria	112
distans	112
gigantea	112
tulipa	112
Fasciolariidæ	112
Fissurella	170
alternata	170
cayennensis	170
gemmulata	170
Listeri	170
nodosa	170
Sayi	170

	Page.
Fissurellidæ	168
Fissurellidea	170
fasciata	172
limatula	170
pustula	172
Fissurisepta	170
rostrata	170
triangulata	170
Fluxina	148
brunnea	148
discula	148
Fossaridæ	146
Fossarus	146
elegans	146
Fulgur	112
canaliculata	112
carica	112
coarctata	112
eliccans	112
perversa	112
pyrum	112
Fusinæ	112
Fusus	112
æpynotus	112
alcimus	114
amiantus	112
amphiurgus	114
benthalis	112
Couei	112
cucosmius	112
halistreptus	112
Rushii	114
Schrammii	112
timessus	112
Gadinia	92
carinata	92
Gadiniidæ	92
Galeodea	134
Coronadoi	134
Gastranella	62
tumida	62
Gastrochæna	72
cuneiformis	72
ovata	72
Stimpsonii	72
Gastrochænidæ	72
Gastropoda	84
Gastropteridæ	88
Gastropteron	88
Meckelii?	88
Gaza	160
Fisheri	160
superba	160
Gegania	144
Jeffreysi	144
Gemma	56
Manhattanensis	56
purpurea	56
Genota	96
mitrella	96
Glomus	46
nitens	46
Glottidia	30
antillarum	30
pyramidata	30
Glycimeris	70
reflexa	70
Glyphis	170
barbadensis	170
cancellata	170
fluviana	170
Tanneri	170
Glyphostoma	100
dentifera	100
Gabbii	100
gratula	100
Gnathodon	62
cuneata	62
rostrata	62
Gnathodontidæ	62
Goodallia	46
Gottoina	146
bella	146
compacta	146
Gouldia	48
cerina	48
Granigyra	166
limata	166
Gymnobela	104
Gymnoglossa	126
Gymnosomata	82
Gyrineum	132
affine	132
Gyrodes	156
depressa	156
Haliotidæ	168
Haliotis	168
Pourtalesii	168
Haliris	66
Fischeriana	66
trapezoidea	66
Haloceras	152
cingulata	152
Halonympha	68
claviculata	68
Haminea	88
antillarum	88
Guildingi	88
Petitii	88
solitaria	88
succinea	88
Hanleyia	172
mendicaria	172
tropicalis	172
Hastula	94
Haustator	144
Heterodonax	58
bimaculata	58
Heterodoris robusta	Pl. 43
Heterofusus	80
Hinnites	36
Adamsii	36
Hyalocylix	80
striata	80
Hyalopatina	90
Rushii	90
Hyalorisia	154
Hydatina	88
physis	88
Idas	38

	Page.
Idas—Continued.	
argenteus	38
Inella	138
Iphigenia	58
braziliana	58
Isapis	146
anomala	146
Ischnochiton	172
funiculatus	172
limaciformis	172
papillosus	172
purpurascens	172
Ischnochitonidæ	172
Isocardia	54
Isocardiidæ	54
Isopleura	172
Janacus	152
Janira	32
hemicyclica	32
ziczac	32
Janthina	126
communis	126
exigua	126
globosa	126
prolongata	126
Janthinidæ	126
Jumala	114
brychia	114
Kellia	48
planulata	48
suborbicularis	Pl. 68
Kennerlia	68
Bushiana	68
glacialis	68
Koonsia	90
obesa	90
Krebsia	154
Labiosa	64
canaliculata	64
lineata	64
Lacuna	146
vincta	146
Lambidium	134
oniscus	134
Lamellaria	156
pellucida	156
Rangii	156
Lamellariidæ	156
Lampusia	132
chlorostoma	132
cynocephala	132
gracile	132
labiosa	132
olearium	132
pharcida	132
pilcare	132
Latirus	112
brevicaudatus	112
cayohuesonicus	112
infundibulum	112
Laxispira	166
nitida	166
Leda	44
acuta	44
Bushiana	44

	Page.
Leda—Continued.	
Carpenteri	44
concentrica	44
corpulenta	44
messanensis	44
pernula	Pl. 45
pusio	44
quadrangularis	44
solidifacta	44
solidula	44
Verrilliana	44
vitrea	44
Ledidæ	44
Lepotella	158
tubicola	158
Lepetidæ	156
Leptochiton	172
alveolus	172
pergranatus	172
Leptochitonidæ	172
Lepton	48
longipes	48
Leptonacea	48
Leptosiphon	56
Leptothyra	160
induta	160
Linnæi	160
Philipiana	160
Leuconia	92
bidentata	92
Leucosyrinx	96
Sigsbeei	96
subgrundifera	96
tenoceras	96
Verrillii	96
Leucozonia	112
cingulifera	112
ocellata	112
Lima	36
albicoma	36
hians	36
inflata	36
scabra	36
squamosa	36
tenera	36
Limacina	80
bulimoides	80
helicina	80
Lesueuri	80
retroversa	80
trochiformis	80
Limæa	36
Brouniana	36
lata	36
Limatula	36
confusa	36
laminifera	36
setifera	36
subauriculata	36
Limidæ	36
Limopsis	42
antillensis	42
aurita	42
cristata	42
minuta	42

	Page.
Limopsis—Continued.	
paucidentata	42
plana	42
tenella	42
Lingulidæ	30
Liocardium	54
lævigatum	54
Mortoni	54
serratum	54
Liomesus	114
Stimpsoni	114
Liomya	66
granulata	66
halimera	68
velvetina	66
Liostraca	126
acuta	126
bilineata	126
fusus	126
Hemphillii	126
stenostoma	126
Liotia	164
aspina	164
Bairdii	164
Briareus	164
cruentata	164
microforis	166
miniata	166
perforata	164
Riisii	164
tricarinata	166
trullata	164
variabilis	166
Lippistes	166
acrilla	166
amabilis	166
Lithophagus	38
antillarum	38
bisulcatus	38
caribæus	38
forficatus	38
Litiopa	148
bombyx	148
Litiopidæ	146
Litorina	146
angulifera	146
guttata	146
irrorata	146
lineata	146
mespilum	146
palliata	146
rudis	146
ziczac	146
Litorinidæ	146
Livona	160
pica	160
Longchæus	128
Lophyridæ	172
Loripes	52
chrysostoma	52
compressa	52
edentula	52
lens	52
Lotorium	132
femorale	132

	Page.
Lucina	50
costata	50
crenulata	50
filosa	50
floridana	50
jamaicensis	50
lenticula	50
leucocyma	50
lintea	52
multilineata	52
pecten	50
pennsylvanica	50
pectinella	50
sagrinata	52
scabra	52
sombrerensis	50
squamosa	50
tigrina	50
trisulcata	50
Lucinacea	50
Lucinidæ	50
Lucinopsis	56
tenuis	56
Lunatia	154
fringilla	154
grœnlandica	154
heros	154
immaculata	154
leptalea	154
levicula	154
perla	154
semisulcata	154
tenuis	154
triseriata	154
Lutricola	62
interstriata	62
Lyonsia	64
arata	64
Beana	64
floridana	64
formosa	64
hyalina	64
Lyonsiella	64
abyssicola	64
insculpta	64
Lyonsiidæ	64
Lyopomata	30
Lyrodes	74
chlorotica	74
Macha	70
Cumingiana	70
Sanctæ-Marthæ	70
Macoma	60
baltica	60
brevifrons	60
cerina	60
constricta	60
limula	60
Souleyetiana	60
tampaënsis	60
tenta	60
Macrodon	42
asperula	42
profundicola	42
sagrinata	42

	Page.
Mactra	62
brasiliana	62
lateralis	62
ovalis	Pl. 70
similis	62
solidissima	62
Mactracea	62
Mactridæ	62
Magasella radiata	Pl. 6
Malletia	44, 46
amabilis	44
cytherea	44
dilatata	46
obtusa	46
Mangilia	100
antonia	102
astricta	100
atrostyla	102
balteata	100
bandella	102
bicarinata	100
biconica	100
cerina	102
cerinella	102
ceroplasta	102
citronella	102
comatotropis	102
diminuta	102
Dorvilliæ	102
clusiva	102
exsculpta	102
limonitella	102
melanitica	102
monilifera	102
monocingulata	102
oxia	102
oxytata	100
pelagia	102
peripla	102
plicosa	100
Pourtalesii	102
psila	100
quadrata	102
rubella	100
rugirima	102
scipio	102
serga	102
stellata	100
subsida	102
torcumata	102
Margarita	162
erythrocoma	162
Margaritiphora	36
radiata	36
Marginella	106
albolineata	108
apicina	106
amabilis	108
aureocincta	108
avena	108
bella	108
borealis	106
carnea	106
cassis	106
cineracea	106

	Page.
Marginella—Continued.	
denticulata	108
fauna	108
fusca	108
fusina	106
guttata	106
hæmatita	106
lactea	108
limatula	106
margarita	108
microgonia	108
minima	108
minuta	108
nivosa	106
oblonga	106
opalina	108
pallida	108
pellucida	106
Redfieldii	108
seminula	108
Storeria	106
styria	108
subtriplicata	108
succinea	108
torticula	108
yucatecana	106
virginiana	106
Watsoni	106
Marginellidæ	106
Marsenina	156
ampla	156
Martesia	72
corticaria	72
cuneiformis	72
Smithii	72
striata	72
Mastonia	138
Mathilda	144
barbadensis	144
Rushii	144
scitula	144
yucatecana	144
Mathildiidæ	144
Megathyridæ	28
Megerlia	28
disparilis	28
Meiocardia	54
Agassizii	54
Meioceras	142
Deshayesii	142
nitidum	142
undulosum	142
Melampinæ	92
Melampus	92
coffeus	92
flavus	92
floridanus	92
lineatus	92
olivaceus	Pl. 47
Melanella	126
Melaraphe	146
Melongena	112
corona	112
melongena	112
Mesorhytis	112

	Page.
Mesorhytis -Continued.	
Mcekiana	112
Mesostoma	142
migrans	142
Metaxia	140
Microgaza	160
rotella	160
Mitra	110
albocincta	110
antillensis	110
Bairdii	110
barbadensis	110
Dupontii	110
floridana	110
fulgurita	110
gemmata	110
Hanleyi	110
nodulosa	110
puella	110
straminea	110
styria	110
sulcata	110
Swainsoni	110
torticula	110
wandoensis	110
Mitridæ	110
Mitromorpha	110
biplicata	110
Mitularia	152
equestris	152
Modiola	38
cinnamomea	38
lignea	38
modiolus	38
opifex	38
papyria	38
plicatula	38
polita	38
sagittata	38
semicostata	38
sulcata	38
tulipa	38
Modiolaria	40
corrugata	40
lateralis	40
nigra	40
Modulidæ	142
Modulus	142
catenulatus	142
floridanus	142
modulus	142
Mohnia	114
Molleria	166
costulata	166
Mopaliidæ	174
Murex	118
Beaui	118
Cabritii	118
messorius	118
Muricidæ	118
Muricidea	120
floridana	120
hexagona	120
multangula	120
Philippiana	120
Muricinæ	118
Mya	70
arenaria	70
Myacea	70
Myidæ	70
Myonera	C8
lamellifera	68
limatula	68
paucistriata	68
undata	C8
Mytilacea	36
Mytilidæ	38
Mytilopsis	40
leucophæata	40
Mytilus	38
edulis	38
exustus	38
hamatus	38
Nassa	116
acuta	116
ambigua	116
consensa	116
Hotessieri	116
obsoleta	116
scissurata	116
trivittata	116
vibex	116
Nassaria	116
Nassarina	116
Bushii	116
columbellata	116
glypta	116
Grayi	116
Nassidæ	116
Natica	154
canrena	154
castrensis	154
livida	154
maroccana	154
perlineata	154
pusilla	154
Naticidæ	154
Naranaio	58
lapicida	58
Neilo	46
Neilonella	44
Nerita	166
peloronta	166
præcognita	166
tessellata	166
versicolor	166
Neritidæ	166
Neritina	168
palmæ	168
pupa	168
reclivata	168
Showalteri	168
virginea	168
viridis	168
Neverita	154
duplicata	154
nubila	154
Niso	128
ægleës	128
albida	128

	Page.
Niso—Continued.	
circinata	128
interrupta	128
splendidula	128
tricolor	128
Nitidella	118
cribraria	118
dicomata	118
lævigata	118
molecullina	118
nitidula	118
parvula	118
Noetia	40
Notaspidea	90
Notobranchæa	82
Macdonaldi	82
Notoplax	174
floridanus	174
Nucula ægeënsis	42
cancellata	42
crenulata	42
cymella	42
delphinodonta	42
granulosa	42
obliterata	42
proxima	42
tenuis	42
Verrilli	42
Nuculacea	42
Nuculidæ	42
Nudibranchiata	90
Ocinebra	120
cellulosa	120
intermedia	120
levicula	120
Octopoda	174
Odostomia	130
acutidens	130
bisuturalis	130
disparilis	130
engonia	130
impressa	130
seminuda	130
teres	130
tornata	130
trifida	130
unidentata	130
Oliva	106
literata	106
reticularis	106
Olivella	106
bullula	106
floralia	106
fuscocincta	106
jaspidea	106
mutica	106
nivea	106
Olividæ	106
Omalaxis	148
lamellifera	148
nobilis	148
Omphalius	160
excavatus	160
fasciatus	160
Hotessierianus	160

	Page.
Omphalius—Continued.	
indusii	160
Onchidiidæ	90
Onchidium	90
floridanum	90
Oniscidia	134
Dennisoni	134
Onoba	148
Oöcoritidæ	132
Oöcorys	132
abyssorum	132
sulcata	132
Opalia	124
aurifila	124
concava	124
crenata	124
discobolaria	124
hellenica	124
Hotessieriana	124
Lecana	124
Opisthobranchiata	84
Opsichitonia	174
Orthodonta	94
Oscilla	130
nivea	130
Ostracea	32
Ostrea	32
cristata	32
equestris	32
frons	32
virginica	32
Ostreidæ	32
Ovulactæon	84
Meekii	84
Oxygyrus	136
Keraudreni	136
Pandora	68
Pandoridæ	68
Papyridea	54
bullata	54
Petitiana	54
Paramya	70
subovata	70
Parastarte	48
concentrica	48
triquetra	48
Parthenia	130
cedrosa	130
Pecten	32, 34
alaskensis	Pl. 4
antillarum	34
dislocatus	34
effluens	34
exasperatus	34
fragilis	34
fragosus	34
glyptus	34
imbricatus	34
imbrifer	34
irradians	34
leptaleus	34
magellanicus	34
nodosus	34
nucleus	34
ornatus	34

	Page.
Pecten—Continued.	
phrygium	34
reticulus	34
Sigsbeei	34
striatus	34
strigillatus	34
thalassinus	34
undatus	34
vitreus	34
Pectinacea	32
Pectinidæ	32
Pectinodonta	156
arcuata	156
Pectunculus	42
pectinatus	42
undatus	42
Pedicularia	134
decussata	134
Pedipes	92
elongatus	92
liratus	Pl. 47
mirabilis	92
unisulcatus	Pl. 47
Pelecypoda	32
Peracle	80
diversa	80
helicoides	80
reticulata	80
Periploma	64
angulifera	64
fragilis	64
inæquivalvis	64
papyracea	64
tenera	64
Peristichia	130
agria	130
toreta	130
Perna	36
ephippium	36
obliqua	36
Persicula	108
catenata	108
pulcherrima	108
Petaloconchus	144
erectus	144
irregularis	144
Petricola	58
dactylus	58
pholadiformis	58
Petricolidæ	58
Petrophila	92
Phasianella	158
brevis	158
pulchella	158
umbilicata	158
Phasianellidæ	158
Philine	88
amabilis	88
flexuosa	88
infundibulum	88
lineolata	Pl. 72
quadrata	Pl. 72
sagra	88
sinuata	88
Philinidæ	88
Pholadidæ	72
Pholas campechiensis	72
Phos	116
Candei	116
parvus	116
Phyllonotus	120
fulvescens	120
hystricinus	120
Pazi	120
pomum	120
Pinna	36
carnea	36
muricata	36
seminuda	36
Pisania	114
pusio	114
variegata	114
Placophora	174
atlantica	174
Placophoridæ	174
Placunanomia	32
rudis	32
Planaxidæ	140
Planaxis	140
lineatus	140
nucleus	140
Platidia	28
radiata	28
seminula	28
Platidiidæ	28
Plectodon	66
Pleurobranchæa	90
tarda	90
Pleurobranchidæ	90
Pleurobranchus	90
americanus	90
Pleurodon	42
Adamsii	42
Pleurotoma	96
albida	96
periscelida	96
tellea	96
vibex	96
Pleurotomaria	168
Adansoniana	168
Quoyana	168
Pleurotomariidæ	168
Pleurotomella	102
Agassizii	104
agria	104
aresta	104
Bairdii	104
Benedicti	102
Blakeana	104
Bruneri	102
Catherinæ	102
chariessa	104
curta	104
Edgariana	104
Emertonii	104
engonia	104
extensa	104
filifera	104
formosa	102
Frielei	104

	Page.
Pleurotomella—Continued.	
hadria	104
leucomata	102
Lottæ	104
Malmii	104
mexicana	104
Packardii	102
pandionis	104
phalera	104
Sandersonii	104
tellea	104
tincta	104
tornata	104
vitrea	104
Pleurotomidæ	96
Plicatula	32
ramosa	32
Pneumodermatidæ	82
Pneumodermon	82
violaceum	82
Polynices	156
brunnea	156
lactea	156
uberina	153
Polyplacophora	172
Poromya	68
albida	68
elongata	68
granulata	68
nœroides	68
rotundata	68
sublevis	68
tornata	68
Poromyidæ	68
Prionodesmacea	32
Propeamusium	34
Propilidium	156
ancyloide	156
elegans	156
pertenue	156
Psammobia	58
vaginata	58
Psammobiidæ	58
Pseudamusium	34
Ptenoglossa	122
Pteronotus	120
macropterus	120
phaneus	120
tristichus	120
Pteropoda	80, 84
Ptychosalpinx	114
globulus	114
Pulmonata	90
Puncturella	168
abyssicola	170
agger	168
circularis	168
erecta	170
eritmeta	168
profundi	168
sportella	170
trifolium	168
Watsoni	168
Purpura	122
deltoidea	122

	Page.
Purpura—Continued.	
hæmastoma	122
lapillus	122
patula	122
Pur urinæ	122
Pyramidella	128
candida	128
crenulata	128
dolabrata	128
Pyramidellidæ	128
Pyrula	134
papyratia	134
Ranularia	132
tuberosa	132
Retusa	86
cælata	86
Gouldii	86
obesiuscula	86
ovata	86
pertenuis	86
sulcata	87
Rhachiglossa	106
Rhinoclama	68
Rhipidoglossa	153
Rhynchonellidæ	28
Rimula	170
frenulata	170
Ringicula	84
nitida	84
semistriata	84
Ringiculidæ	84
Ringiculina	84
Rissoa	148
aculeus	148
acuticostata	150
brychia	148
castanea	148
exarata	148
Jan-Mayeni	148
minuta	148
pelagica	148
precipitata	148
pyrrhias	150
Sandersoni	148
syngenes	150
xanthias	150
Rissoidæ	148
Rissoina	150
bryerea	150
cancellata	150
Chesnelii	150
decussata	150
lævigata	150
multicostata	150
Sagraiana	150
Sabatia	86
bathymophila	86
Sandalium	152
Sanguinolaria	60
rosea	60
Saxicava	70
arctica	70
azaria	70
Saxicavidæ	70
Sayella	92

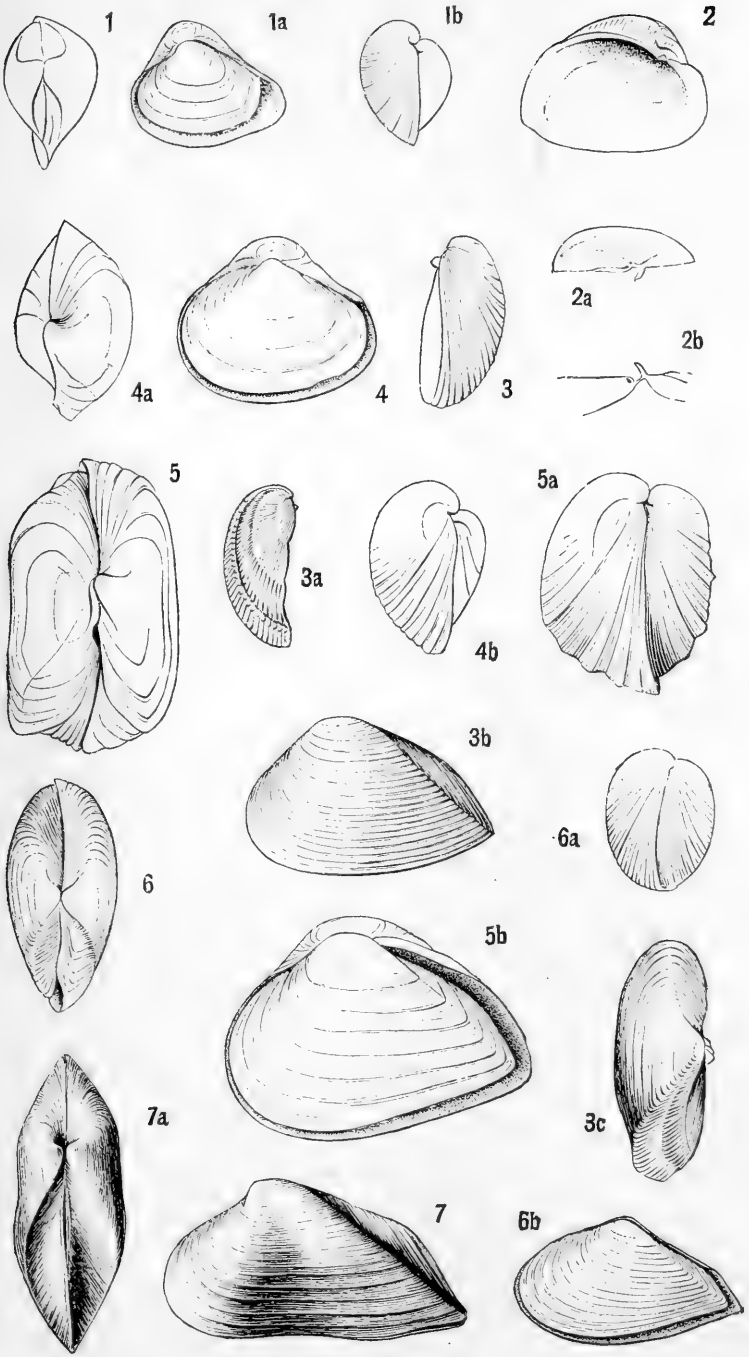
	Page.
Sayella—Continued.	
Crosseana	92
Hemphillii	92
Scala	122
Andrewsi	198, Pl. 61
angulata	122
apiculata	122
babylonia	124
belaurita	124
Blandii	124
Candeana	124
centiquadra	122
clathratula	124
clathrus	124
cochlea	124
contorquata	122
Dalliana	124
denticulata	124
Dunkeriana	124
eburnea	122
erectispina	124
formosissima	124
Frielei	124
grönlandica	124
Krebsii	124
lineata	124
multistriata	122
muscapedia	122
nitidella	124
novemcostata	124
permodesta	124
pernobilis	124
polacia	124
Pourtalesii	122
retifera	124
Rushii	124
Sayana	122
scipio	124
sericifila	124
tenuis	122
teres	124
turricula	124
Scaphander	86
nobilis	86
punctostriatus	86
Watsonii	86
Scaphandridæ	86
Scapharca	40
Scaphella	110
Junonia	110
Scaphopoda	76
Scissurella	168
alta	168
crispata	168
Scissurellidæ	168
Sconsia	134
striata	134
Scutellina	158
antillarum	158
Scutellinidæ	158
Seguenzia	142
carinata	142
jonica	142
monocingulata	142
trispinosa	142
Seguenziidæ	142
Seila	138
terebralis	138
Semele	62
cancellata	62
nuculoides	62
obliqua	62
reticulata	62
Semelidæ	52
Separatista	152
Sepiophora	174
Septifer	38
Sigaretus	156
maculatus	156
minor	156
perspectivus	156
Siliqua	70
costata	70
Siliquaria	144
modesta	144
squamata	144
Simnia	134
acicularis	134
aureocincta	134
intermedia	134
uniplicata	134
Sipho	114
Bocagei	114
cælatus	114
glyptus	114
hispidulus	114
islandicus	114
obesus	114
planulus	114
pubescens	144
pygmæus	144
Rushii	114
Sarsii	114
simplex	114
Stimpsoni	114
Siphonaria	92
alternata	92
lineolata	92
Siphonariidæ	92
Siphonium	144
nebulosum	144
Sistrum	122
nodulosum	122
roseum	122
Skenea	150
planorbis	150
Solariella	164
ægleis	164
amabilis	164
clavata	164
depressa	164
infundibulum	164
iridea	164
iris	164
lacunella	164
lamellosa	164
lata	164
lissocona	164
lubrica	164
obscura	164

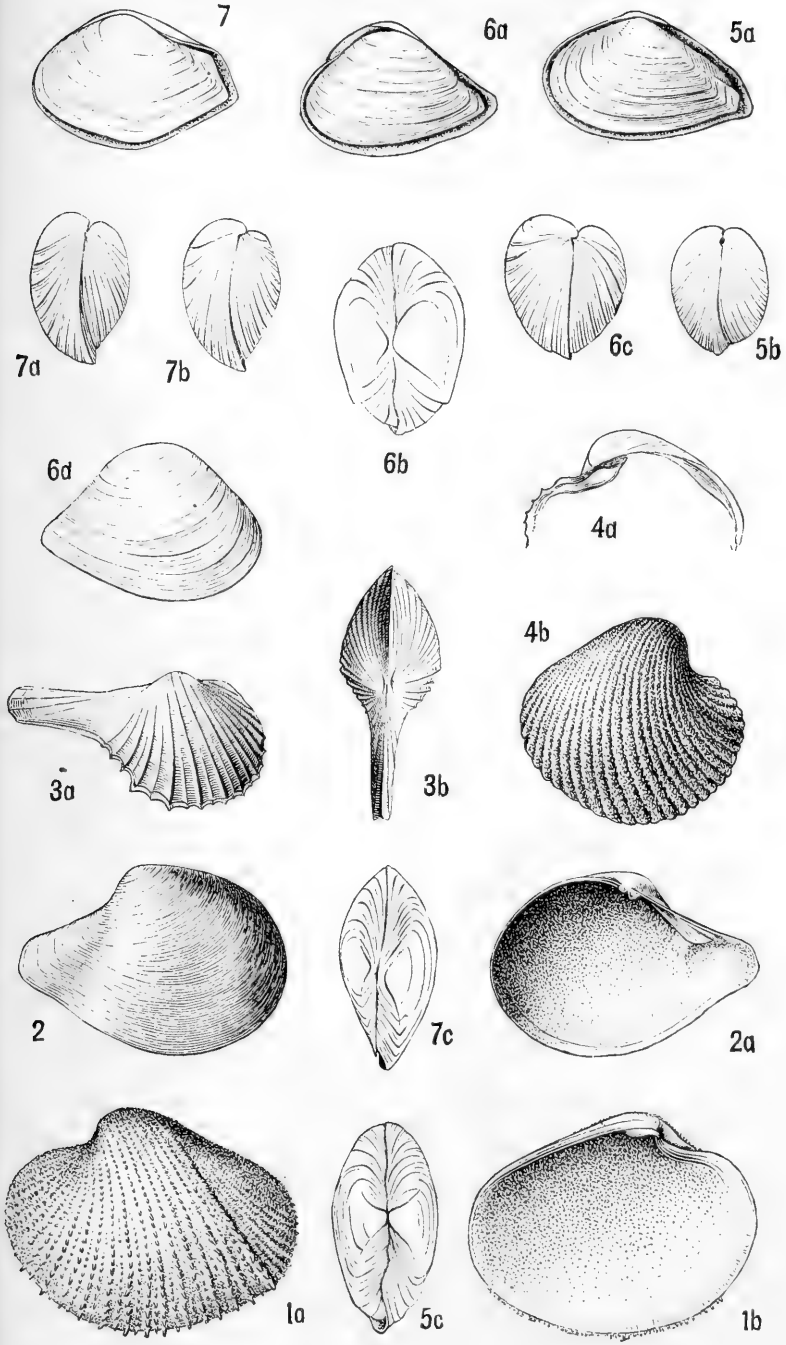
	Page.
Solariella—Continued.	
Ottoi	164
rhina	164
scabriuscula	164
Solariidæ	148
Solarium	148
bisulcatum	148
boreale	148
granulatum	148
Krebsii	148
peracutum	148
Sigsbeei	148
Solecurtus	70
Solen	72
Solenacea	70
Solenidæ	70
Solenoconchia	76
Solenomya	46
occidentalis	46
velum	46
Solenomyacea	46
Solenomyidæ	46
Soletellina	58
rufescens	58
Spengleria	72
rostrata	72
Spirotropis	104
ephamilla	104
Spirula	174
Peronii	174
Spirulidæ	174
Spondylidæ	32
Spondylus	32
Gussoni	32
spathuliferus	32
Spongiobranchæa australis	Pl. 66
Stilifer	126
Stimpsoni	126
Stomatella	168
picta	168
Stomatiidæ	168
Streptodonta	122
Streptoneura	94
Strigilla	62
carnaria	62
flexuosa	62
pisiformis	62
Strombidæ	136
Strombus	136
accipitrinus	136
bituberculatus	136
costatus	136
gigas	136
pugilis	136
Styliola	80
subula	80
Stylommatophora	90
Stylopsis	130
resticula	130
Subemarginula	170
octoradiata	170
Subula	94
Sychar	138
Syrnola	130
fusca	130
producta	130
Tachyrhynchus erosa	Pl. 48

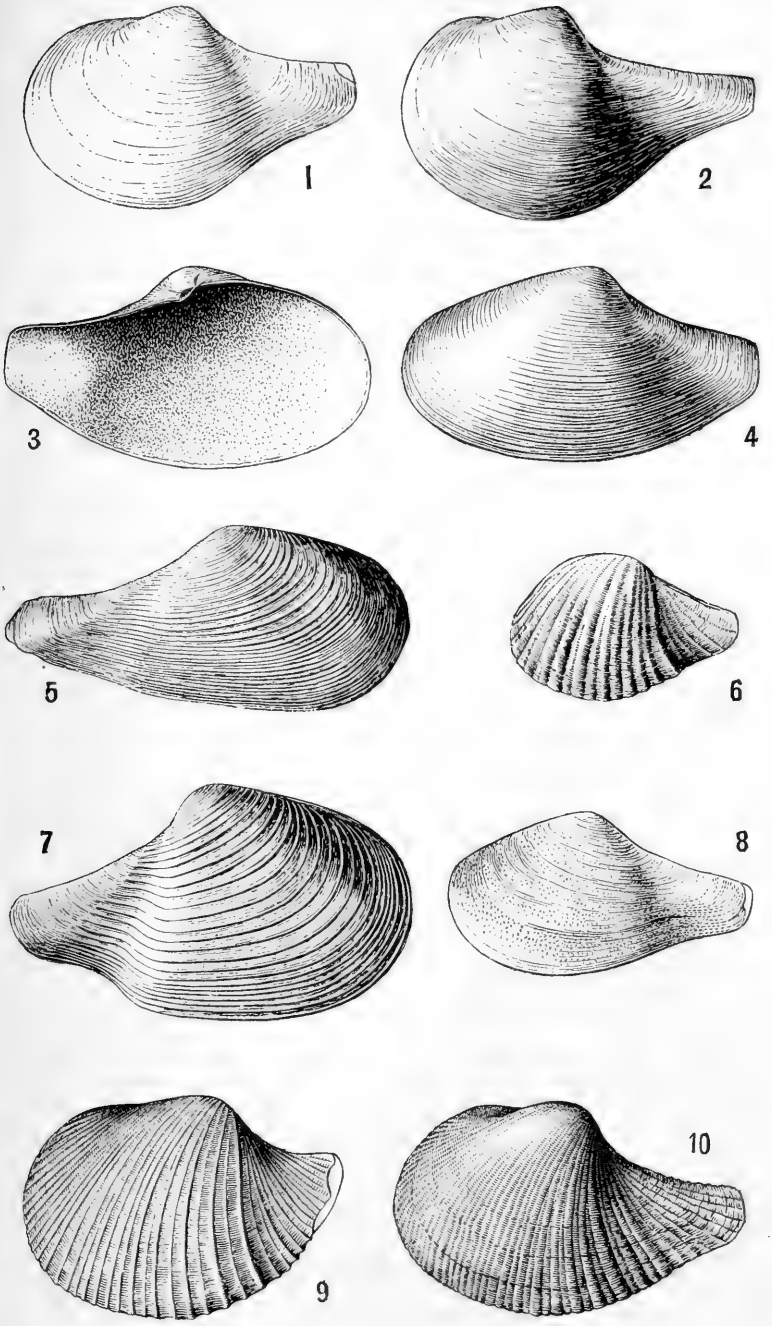
	Page.
Tænioglossa	132
Tagelus	58
divisus	58
gibbus	58
Taranis	104
cirrata	104
Tectarius	146
muricatus	146
Tectibranchiata	84
Teinostoma	160
cryptospira	160
semistriata	160
Teleodesmacea	46
Tellidora	62
cristata	62
Tellimya	50
elevata	50
ferruginosa	50
tumidula	50
Tellina	60
alternata	60
carolinensis	60
cuneata	60
decora	60
fausta	60
Gouldii	60
interrupta	60
iris	60
lævigata	60
lineata	60
magna	60
mera	60
modesta	60
nitida	60
polita	60
radiata	60
squamifera	60
striata	60
sybaritica	60
tenella	60
tenera	60
versicolor	60
Tellinacea	58
Tellinidæ	60
Terebra	94
benthalis	94
cinerea	94
concava	94
dislocata	94
floridana	94
hastata	94
limatula	94
lutescens	94
nassula	94
protexta	94
Rushii	94
vinosa	94
Terebratula	28
Bartletti	28
cubensis	28
incerta	28
Terebratulidæ	28
Terebratulina	28
Cailleti	28
septentrionalis	28, Pl. 60
Terebridæ	94
Teredidæ	74

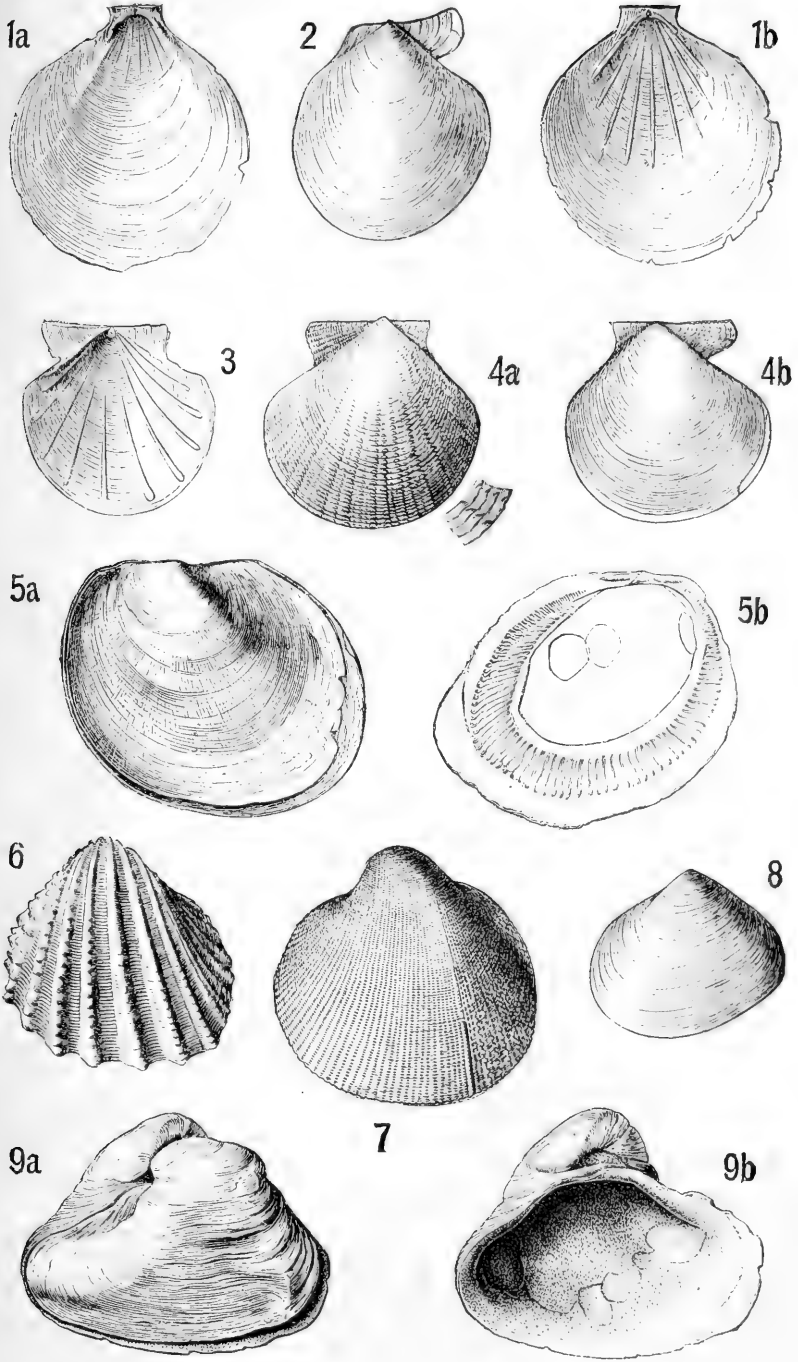
	Page.
Teredo	74
dilatata	74
megotara	74
navalis	74
norvegica	74
Thomsoni	74
Thecidiidæ	28
Thecidium	28
Barretti	28
mediterraneum	28
Thecosomata	80
Theodoxus	168
Thracia	64
Conradi	64
corbuloides	64
distorta	64
myopsis	Pl. 59
phaseolina	64
Stimpsoni	64
truncata	Pl. 59
Tindaria	44
Tivela	56
mactroides	56
Tonicia	174
Schrammii	174
Torcula	144
Torellia fimbriata	Pl. 62
Torinia	148
canalifera	148
cyclostoma	148
cylindrica	148
Tornatina	84
bullata	84
canaliculata	84
Candei	84
recta	84
Tornatinidæ	84
Toxoglossa	94
Trachydermon	172
exaratus	172
ruber	172
Tralia	92
minuscula	92
pusilla	92
Transennella	56
Conradina	56
cubaniana	56
Trichotropidæ	142
Trichotropis	142
Triforidæ	138
Triforis	138
abrupta	138
aspera	138
bigemma	138
colon	138
cylindrella	138
decorata	138
hircus	138
ibex	138
inflata	138
intermedia	138
lilacina	138
longissima	138
melanura	128
mirabilis	138
nigrocincta	138
olivacea	138
perversa	138
pulchella	138
Rushii	138
torticula	138
triserialis	138
turristhomæ	138
Trigonostoma	104
Agassizii	104
Smithii	104
tenera	104
Trigonulina	66
elegantissima	66
ornata	66
Tritonidea	116
cancellaria	116
limbata	116
Orbignyi	116
tincta	116
Tritoniidæ	132
Tritonium	132
nobilis	132
tritonis	132
Trivia	136
candidula	136
globosa	136
nivea	136
pediculus	136
quadripunctata	136
subrostrata	136
suffusa	136
Trochidæ	160
Trophon	120
Truncatella	152
bilabiata	152
caribæensis	152
pulchella	152
subcylindrica	152
Truncatellidæ	152
Turbo	158
castaneus	158
crenulatus	158
filosus	158
Spenglerianus	158
Turbinella	110
Turbinellidæ	110
Turbinidæ	158
Turbonilla	128
belotheca	128
Bushiana	128
curta	128
elegans	128
exilis	128
grandis	128
interrupta	128
levis	128
multicostata	128
obeliscus	128
perlepida	128
puncta	128
punicea	128
pusilla	128
Rathbuni	128
reticulata	128
subulata	128

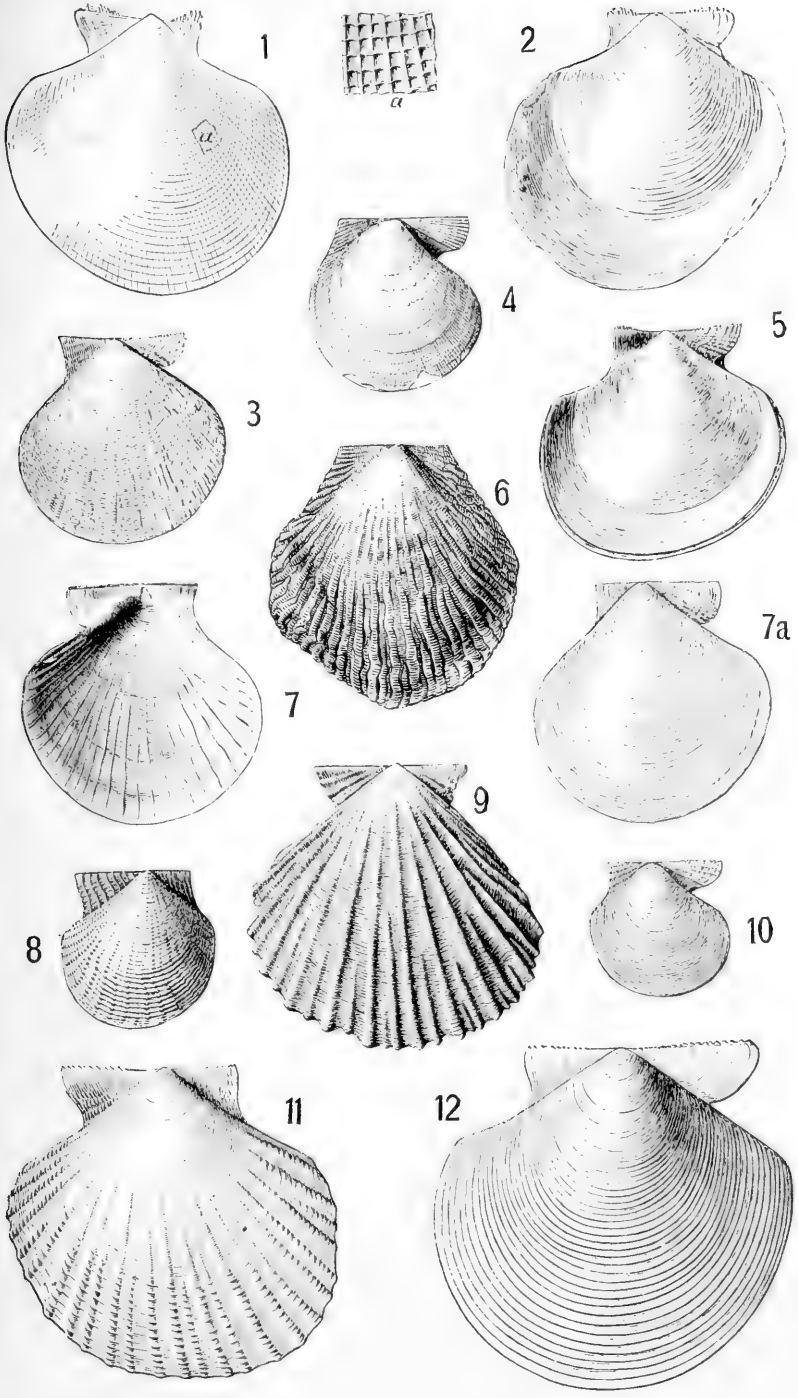
	Page.
Turbonilla—Continued.	
yucatecana	144
virga	128
Turcicula	162
imperialis	162
Turritella	144
acropora	144
exoleta	144
variegata	144
Turritellidæ	144
Turtonia	48
minuta	48
Typhis	122
longicornis	122
Ultimus	134
gibbosus	134
Umbonium	160
Bairdii	160
Umbraculidæ	88
Umbraculum	88
bermudense	88
Ungulinidæ	50
Urosalpinx	120
carolinensis	122
cinereus	120
macra	122
perrugatus	120
tampaensis	122
Utriculus	86
domitus	86
Frielei	86
vortex	86
Veneracea	54
Venericardia	46
borealis	46
flabella	46
granulata	46
Nov-Angliæ	46
tridentata	46
Veneridæ	54
Veneriglossa	56
vesica	56
Veniliidæ	54
Venus	54
Beaui	54
cancellata	54
cribraria	54
crispata	54
granulata	54
Lamarckii	54
mercenaria	54
Mortoni	54
pilula	54
pygmæa	54
rugatina	54
rugosa	54
varicosa	54
Vermetidæ	144
Vermetus	141
Vermicularia	144
nigricans	144
Vermicularia—Continued.	
spirata	144
Veronicella	90
floridana	90
Veronicellidæ	90
Verticordia	66
acuticostata	66
flexuosa	66
granulifera	66
perversa	66
Seguenzæ	66
Woodii	66
Verticordiidæ	66
Vesicomya	54
pilula	54
venusta	54
Vitrinella	166
interrupta	166
multicarinata	166
Voluta	108
virescens	108
Volutella	108
amianta	108
hadria	108
lacrimula	108
ovuliformis	108
Volutidæ	108
Volutomitra grönlandica	Pl. 34
Volvarina	108
Volvula	86
acuta	86
aspinosa	86
Bushii	86
oxytata	86
Williamia	92
Krebsii	92
Xenophora	154
caribæa	154
conchyliophora	154
Xenophoridæ	154
Xylophaga	72
abyssorum	72
dorsalis	72
Xylotrya	74
bipinnata	74
fimbriata	74
Yoldia	44
hebes	44
insculpta	44
Jeffreysi	44
limatula	44
liorhina	44
pompholyx	44
sapotilla	44
sericea	44
solenoides	44
subequilatera	44
Zirphæa	72
crispata	72
semicostata	72
Zygobranchia	168

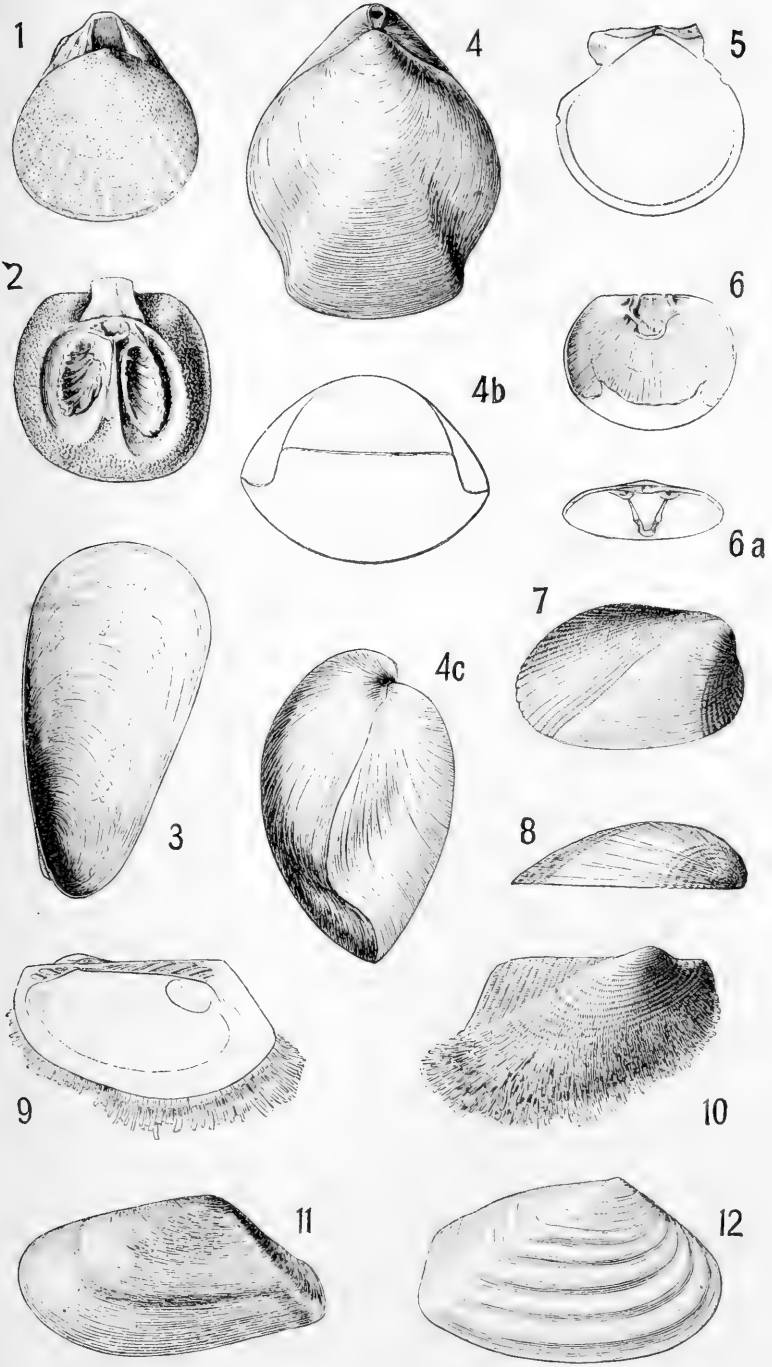

1
1a
1b
2
4a
4
3
2a
2b
5
3a
4b
5a
3b
6a
6
5b
3c
7a
7
6b

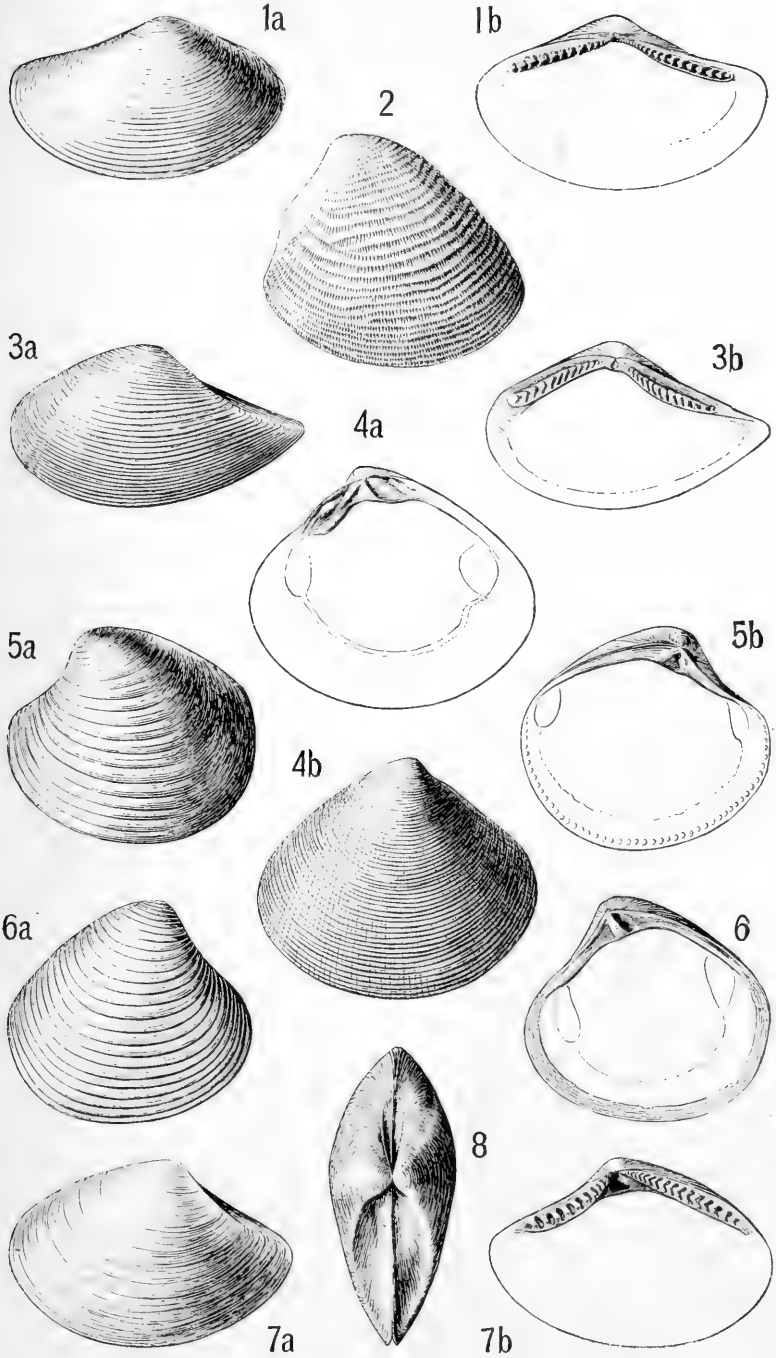

7
6a
5a
7a
7b
6c
5b
6b
6d
4a
4b
3a
3b
2
7c
2a
1a
5c
1b

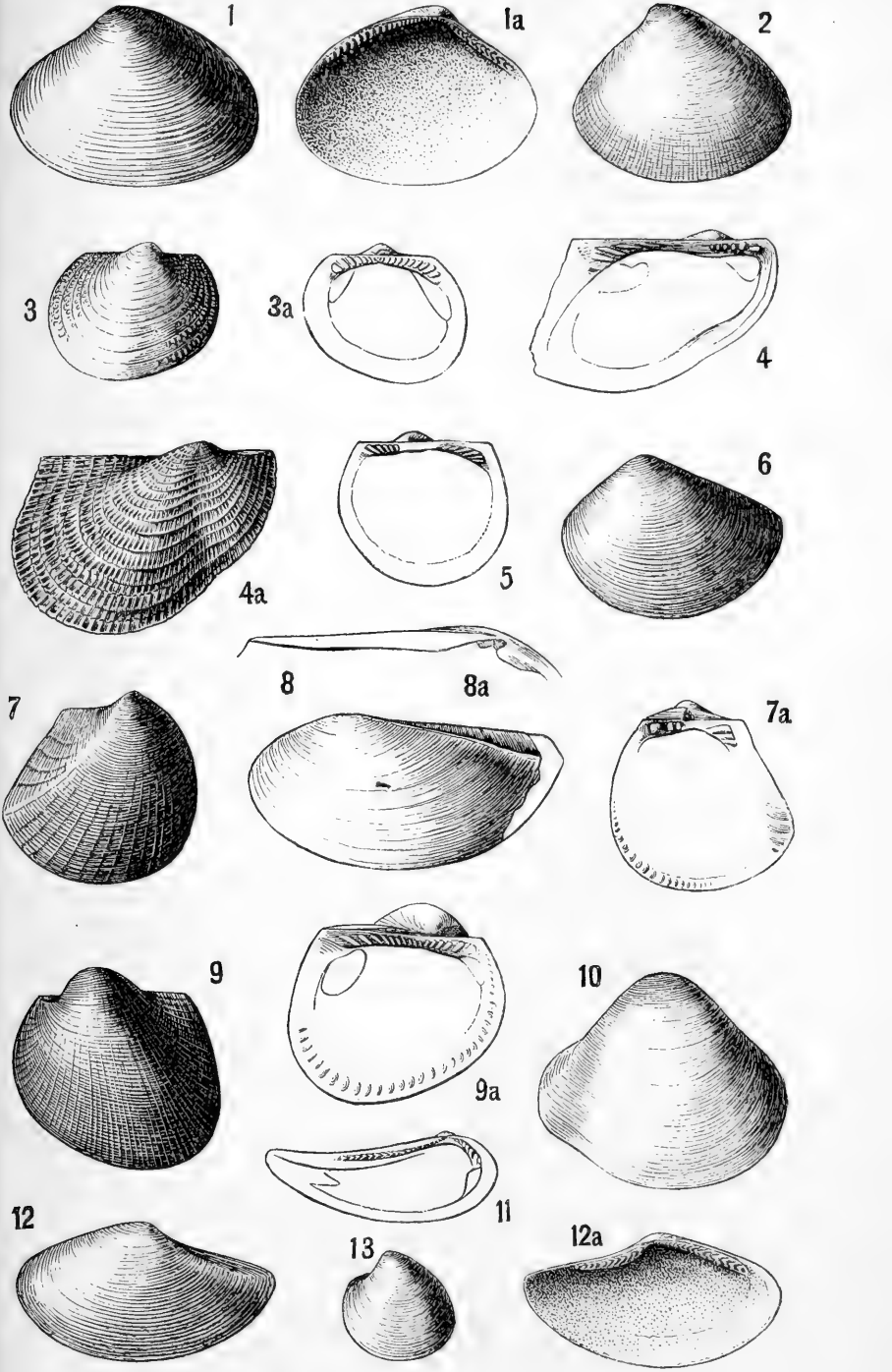

1
2
3
4
5
6
7
8
9
10

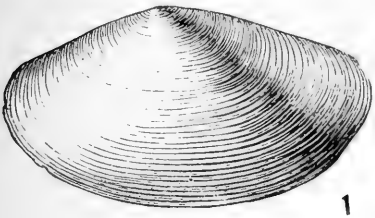

1a
2
1b
3
4a
4b
5a
5b
6
8
7
9a
9b


1
a
a
2
4
5
3
6
7
7a
9
8
10
11
12


1
4
5
2
6
4b
6a
7
4c
3
8
9
10
11
12

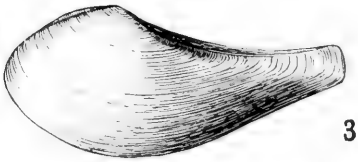

1a
1b
2
3a
3b
4a
5a
5b
4b
6a
6
8
7a
7b

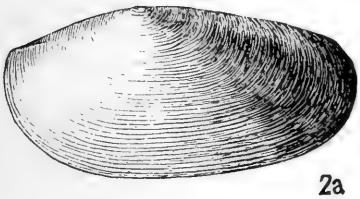

1
1a
2
3
3a
4
4a
5
6
8
8a
7
7a
9
9a
10
11
12
13
12a


1

1a

2

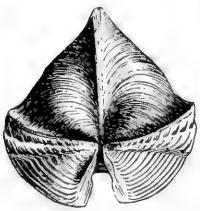

3


2a

4

5

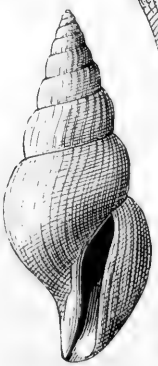
7a

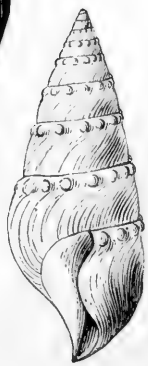

7

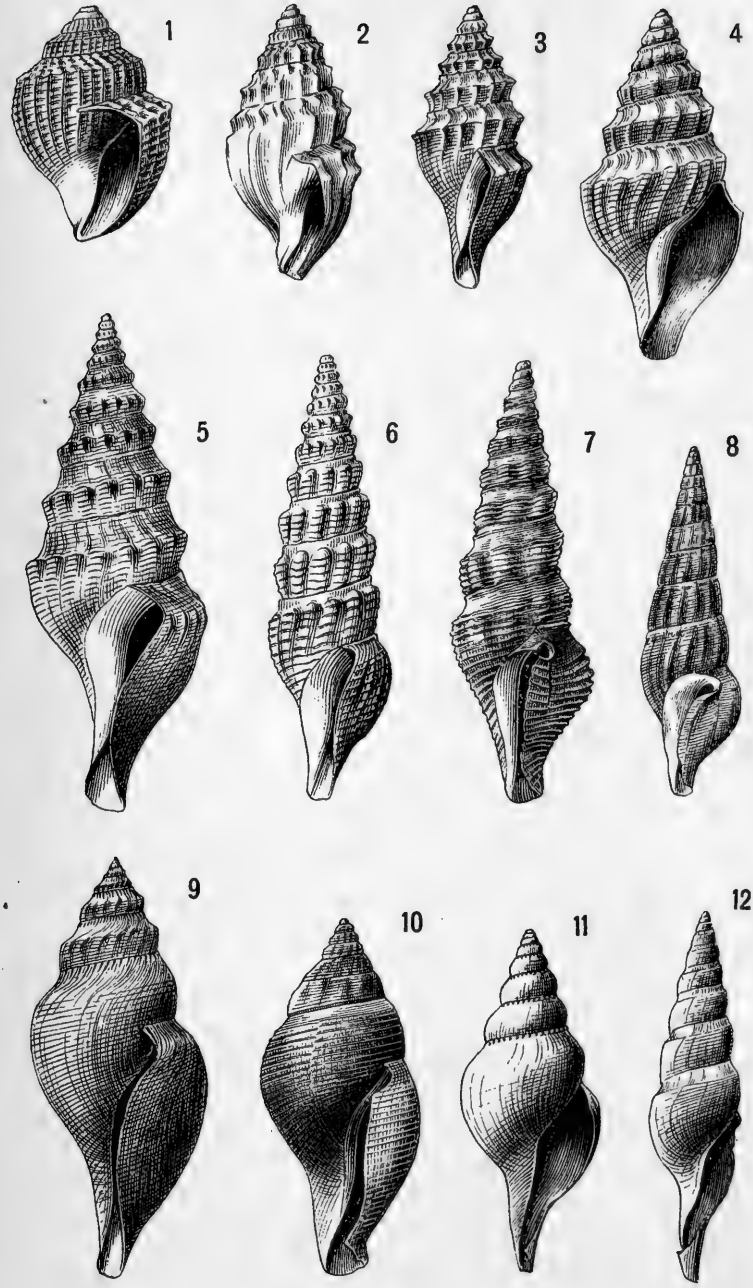
6

8

8a

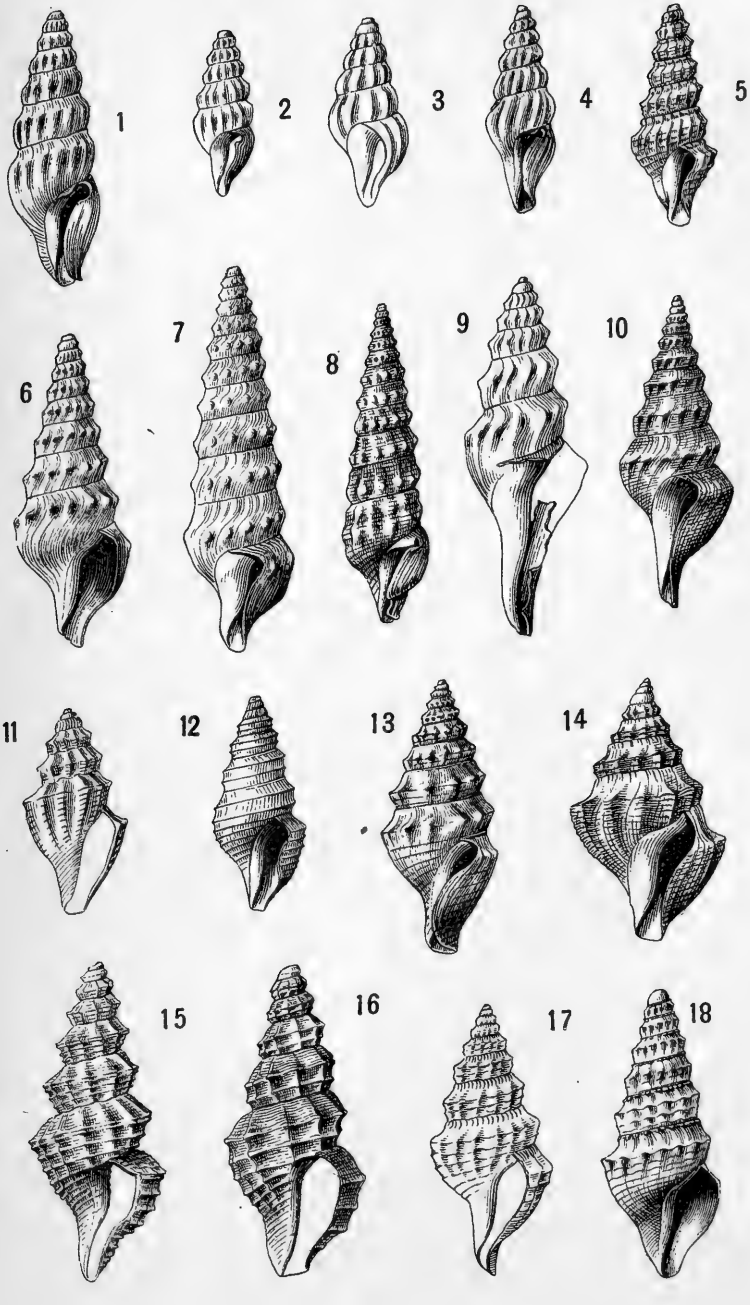

9


10



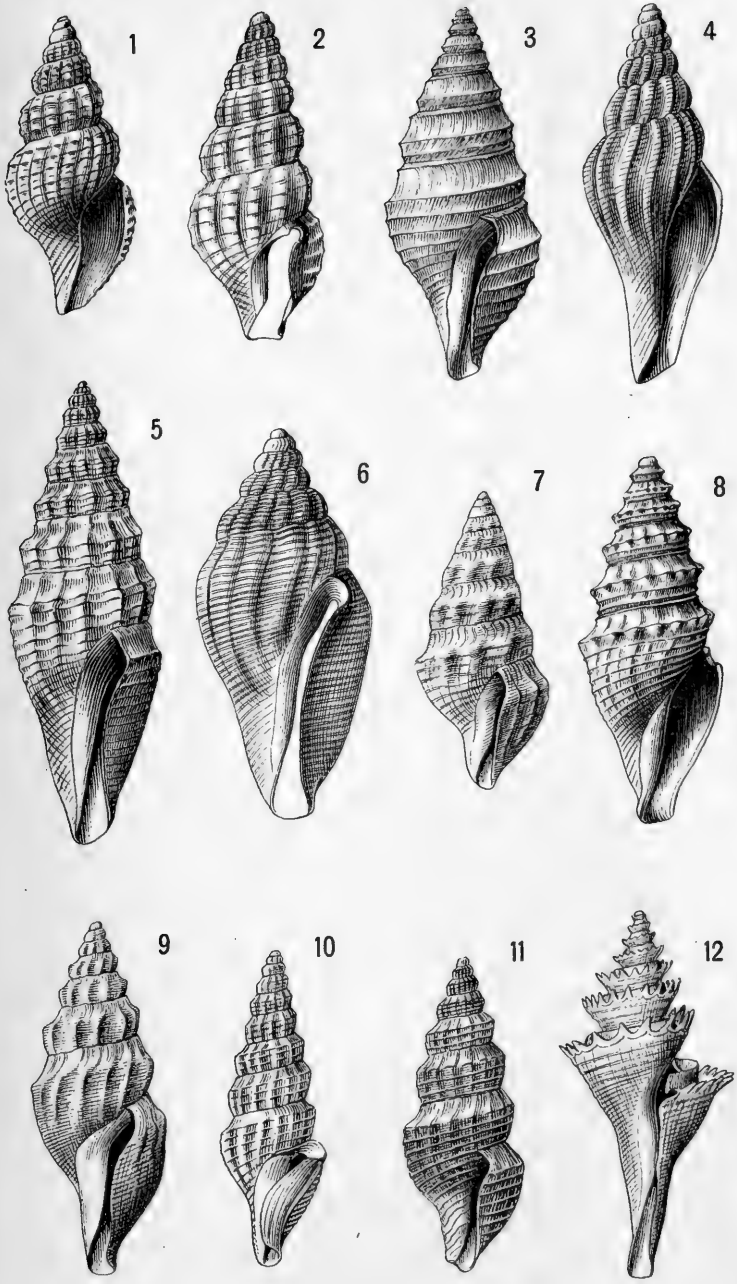
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



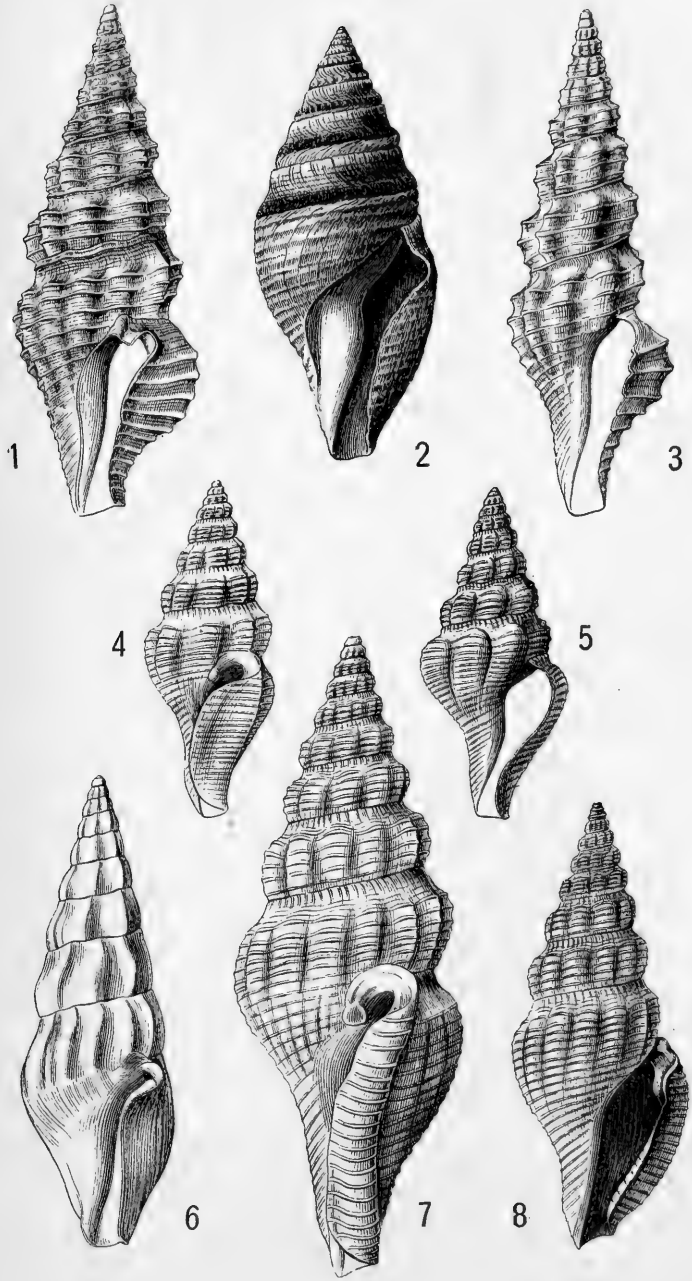
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



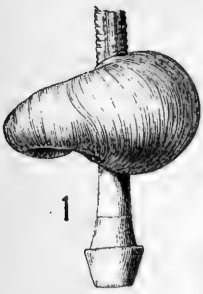
McConnell del.

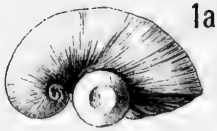
Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.

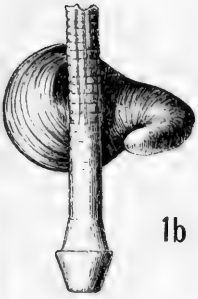


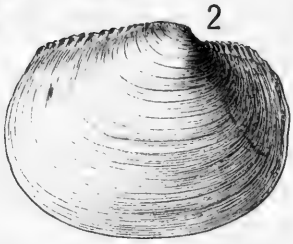
McConnell del.

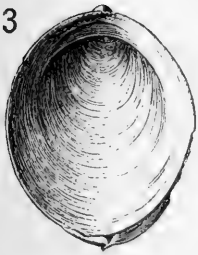
Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.

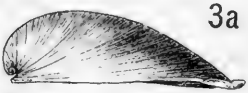


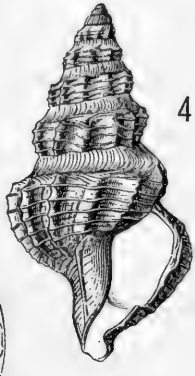


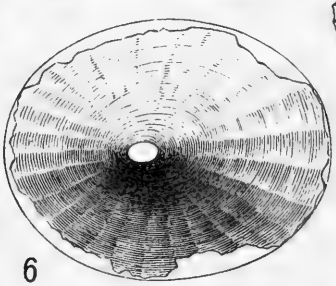


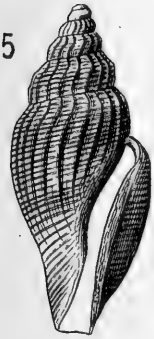


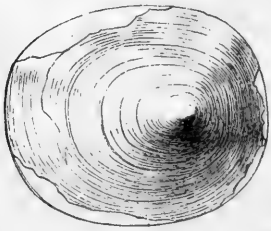


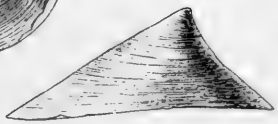




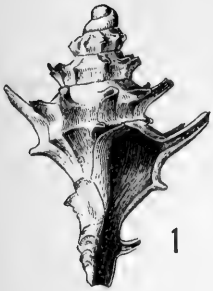






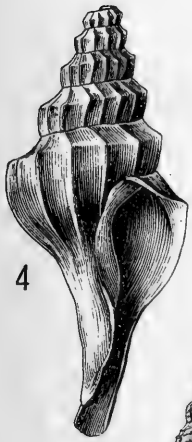


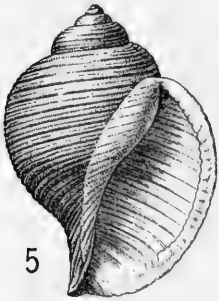
McConnell del.


1

2

3


4


5

6

7

8

9

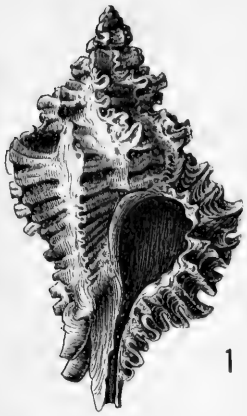
10

11

12

McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven Conn.



1

2

3

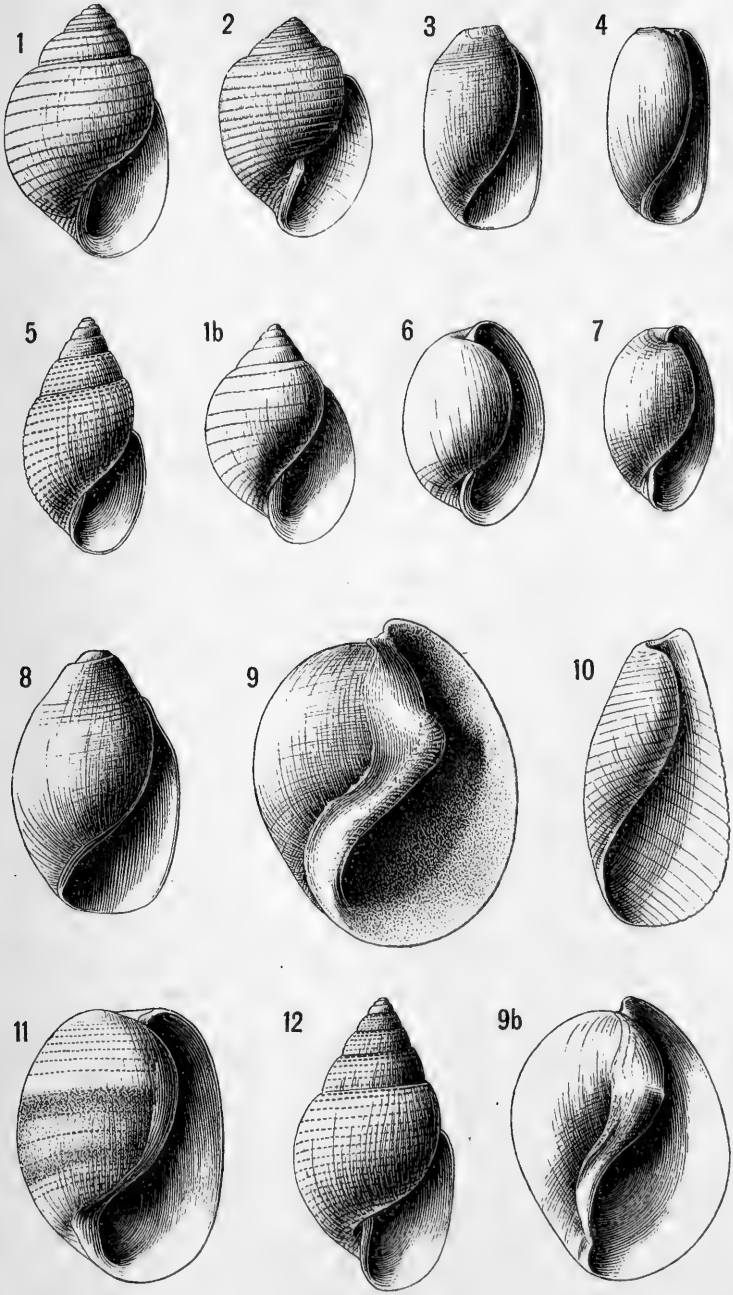
4

5

6

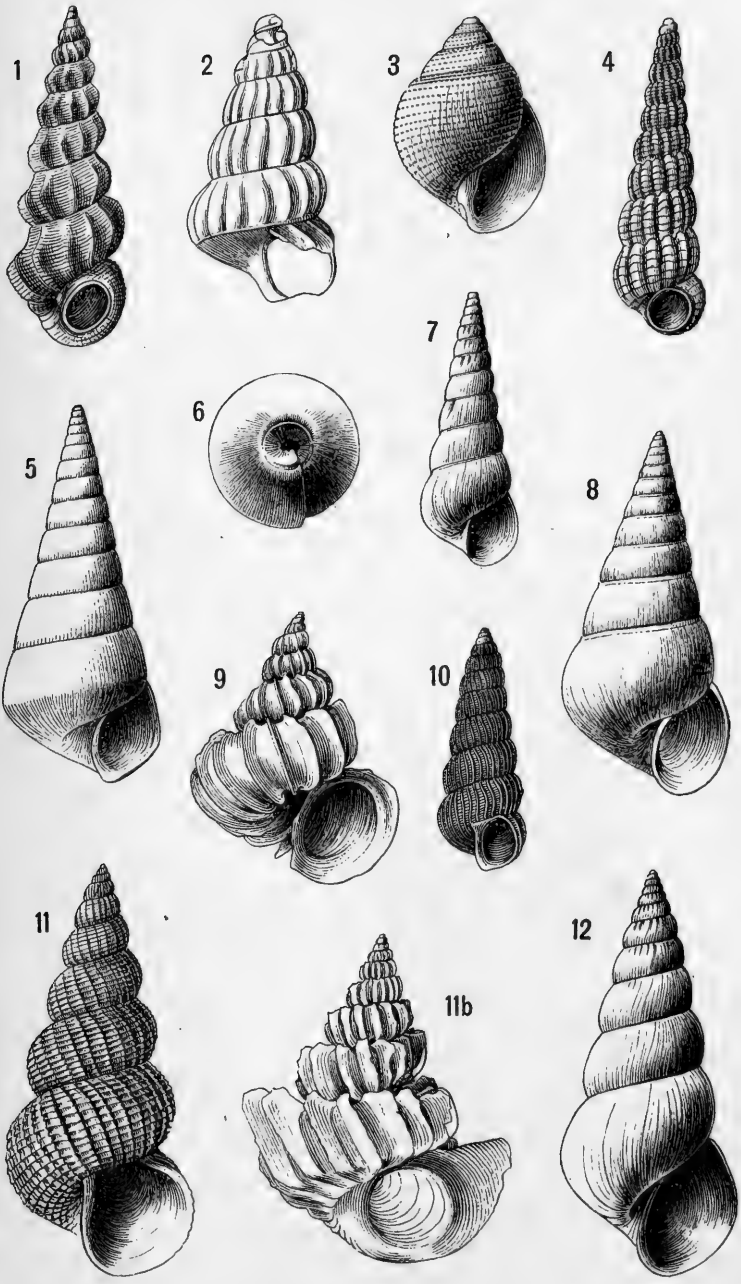
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn



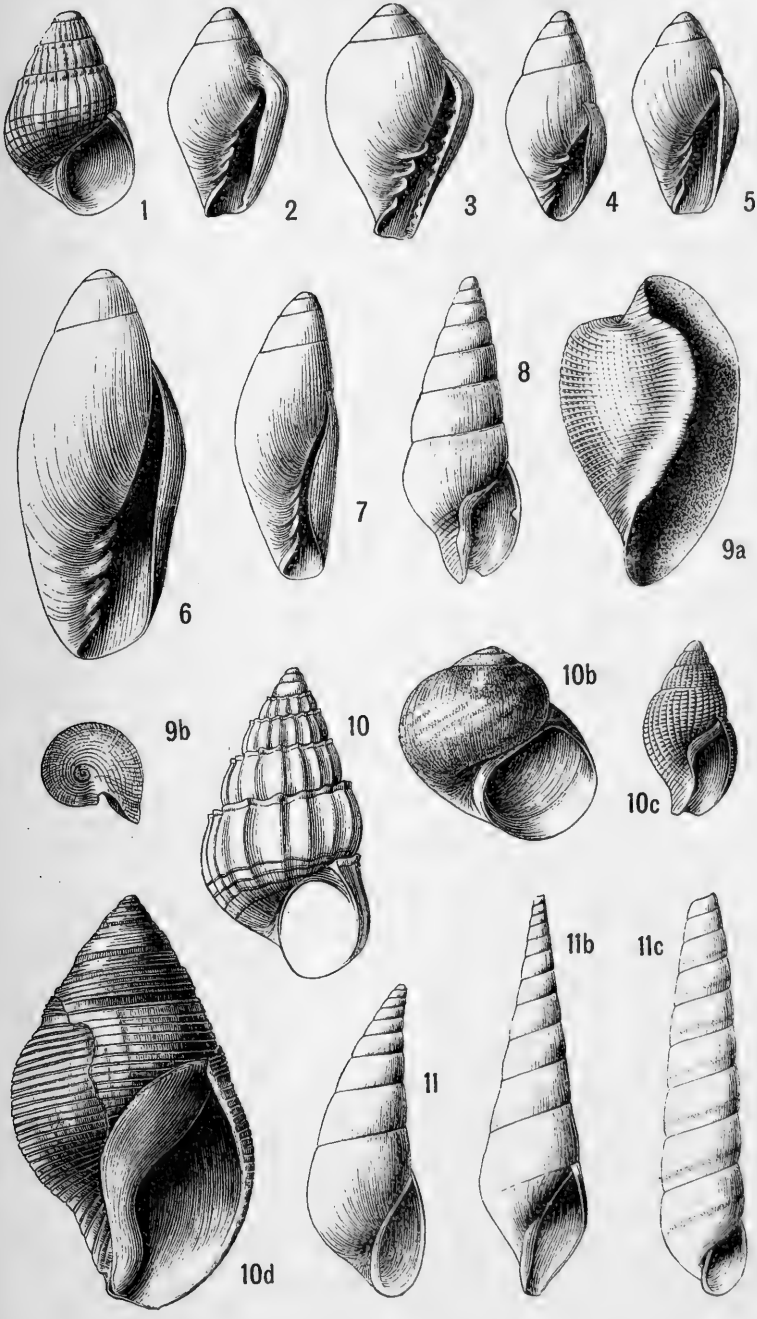
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



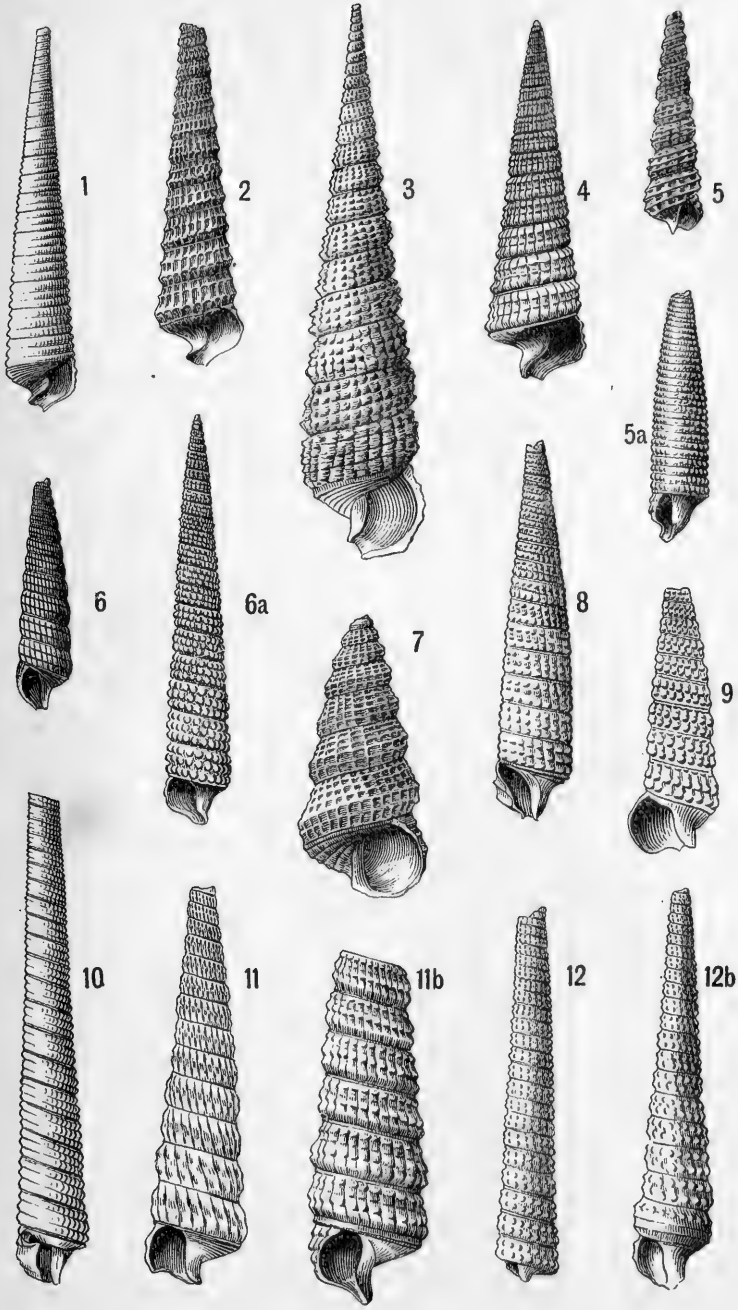
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



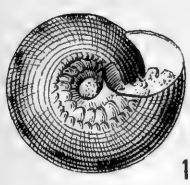
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.

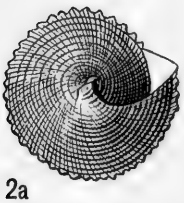


McConnell del.

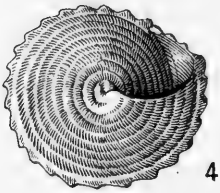
Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.


1

2

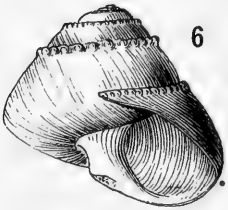

2a

3

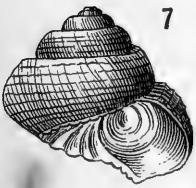

4

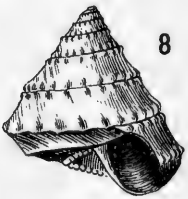
3a

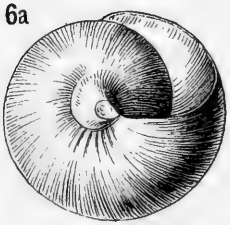
1a

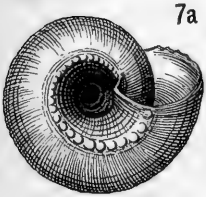

6

5


7


8

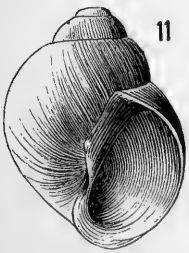

6a


7a

8a

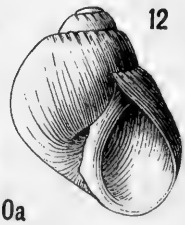
9

9a


11

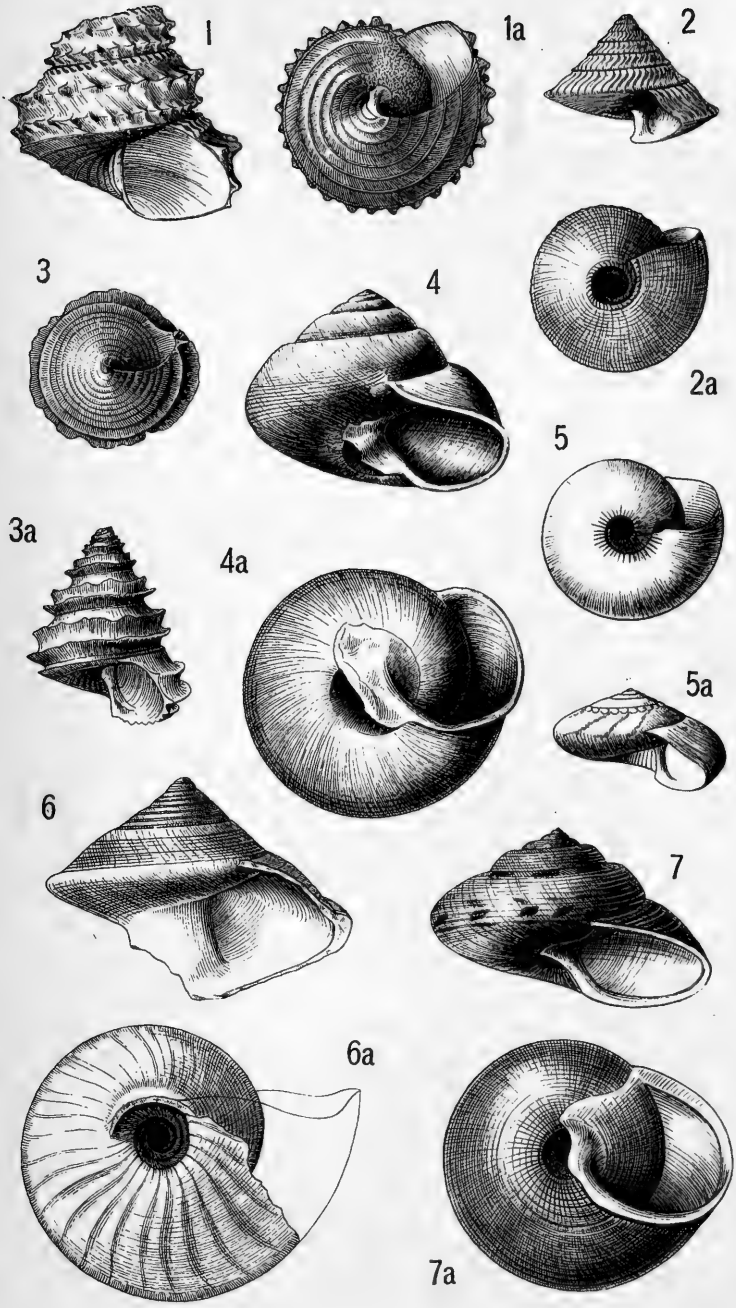
10

10a


12

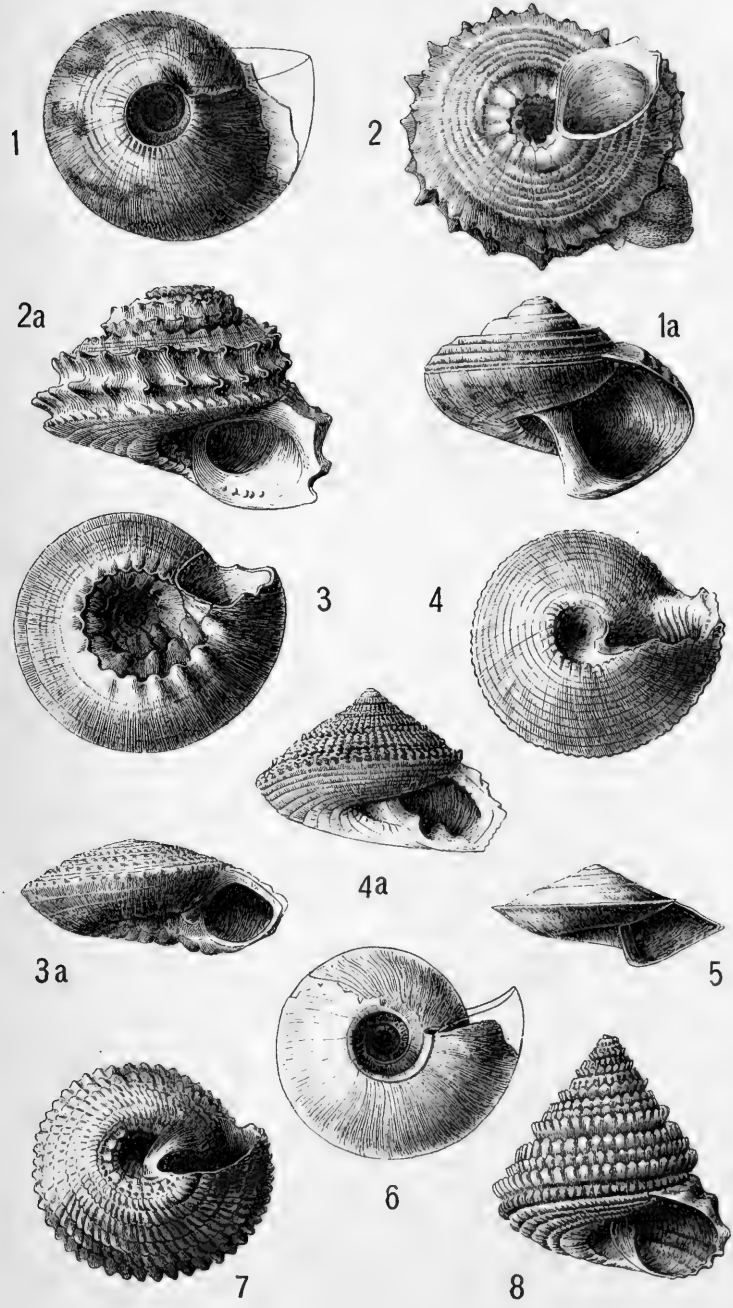
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



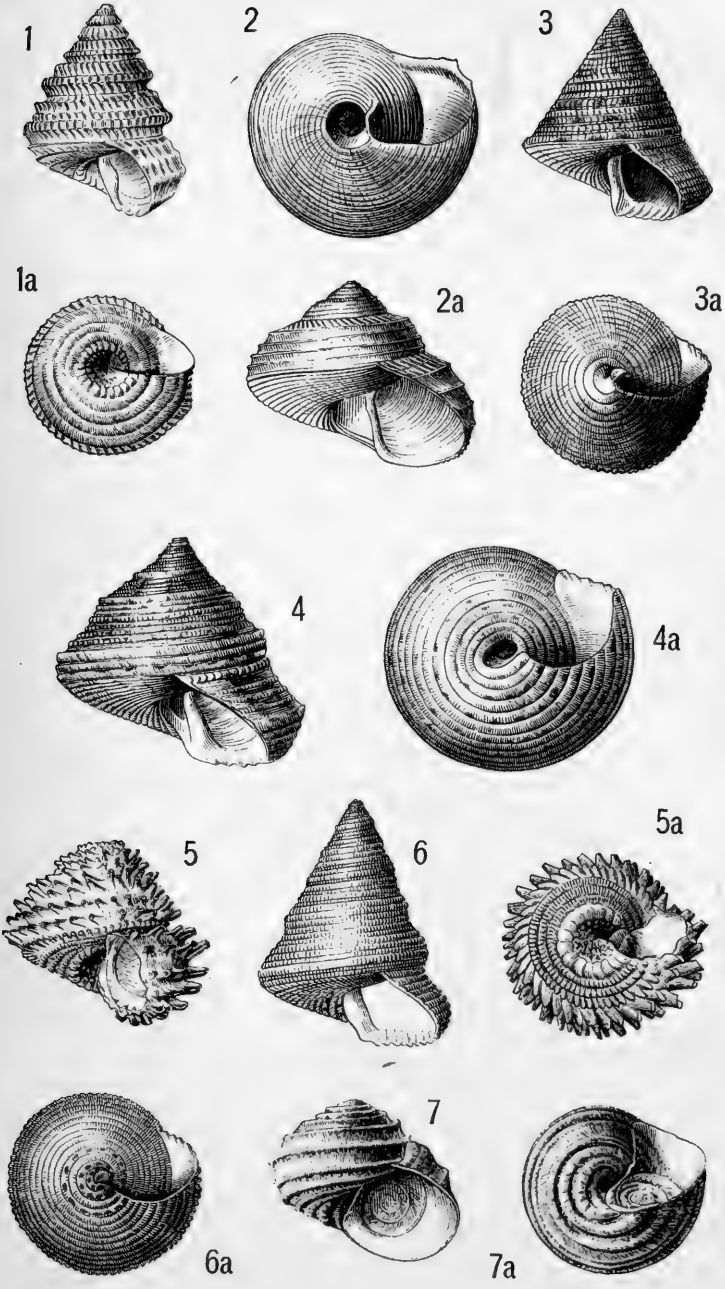
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



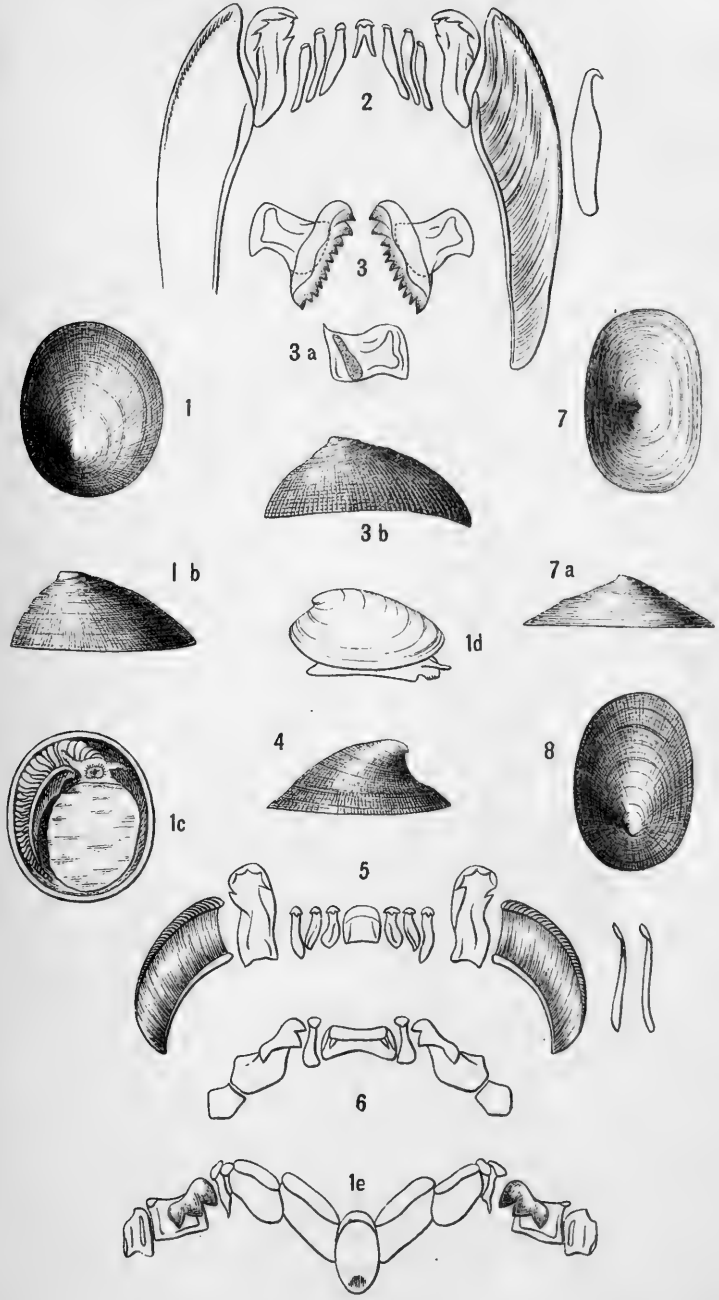
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



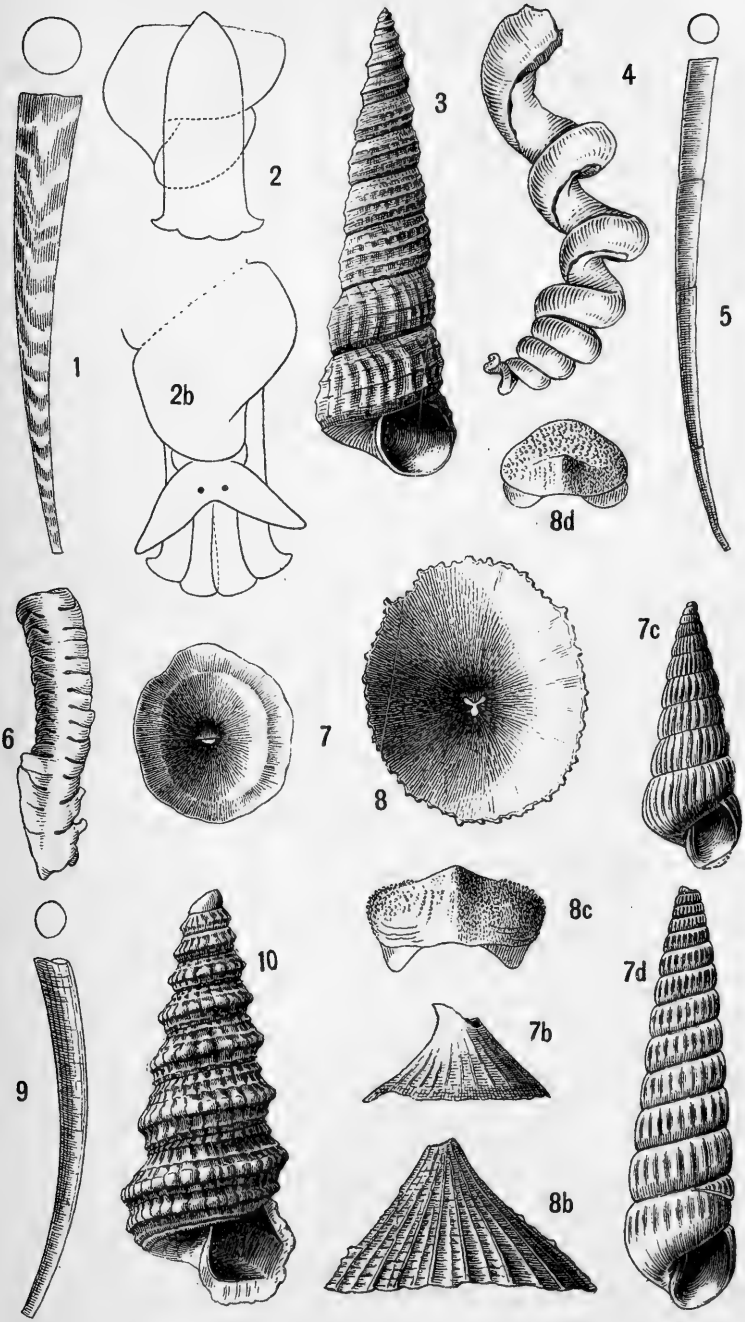
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



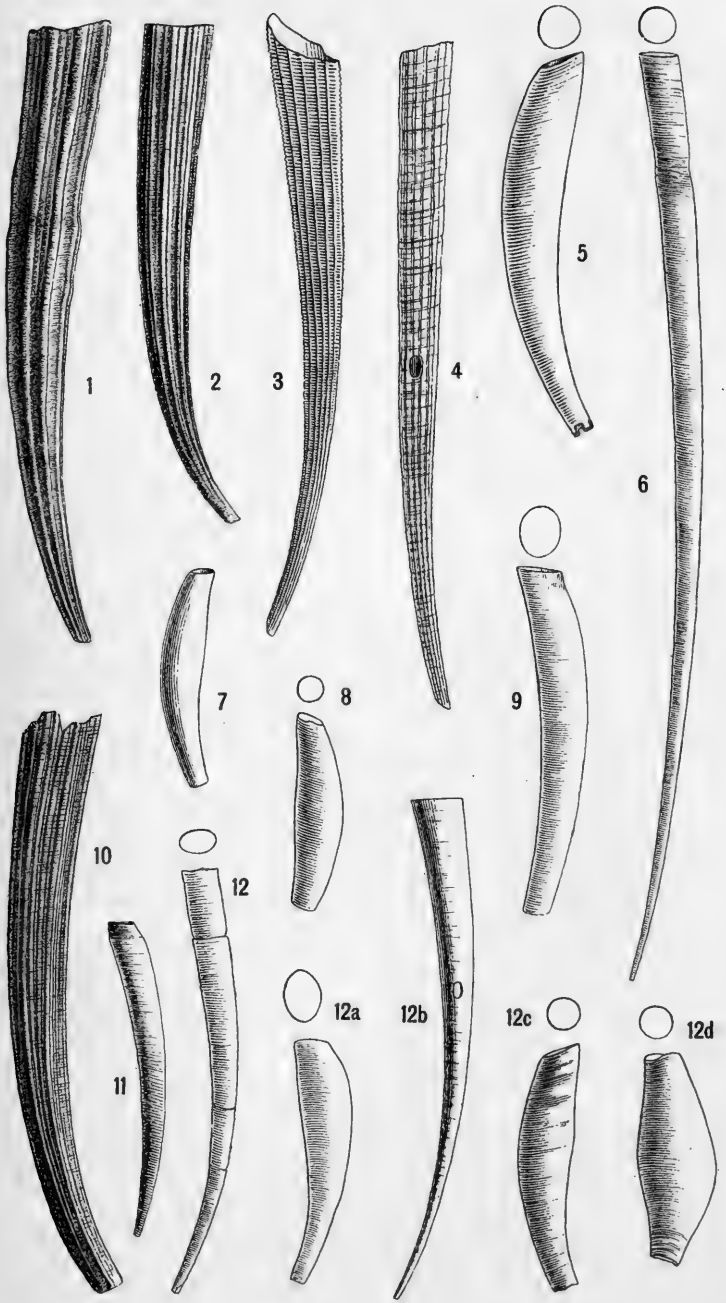
McConnell del.

Photo Lith. by L. S. Punderson & Son, New Haven, Conn.



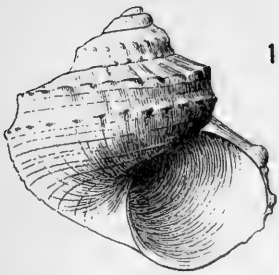
McConnell del.

Photo. Lith. by L.S. Punderson & Son, New Haven, Conn.

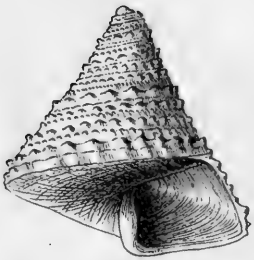


McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.

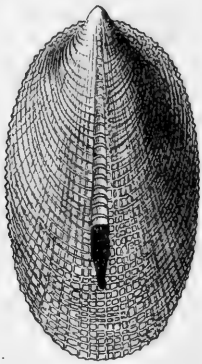


1

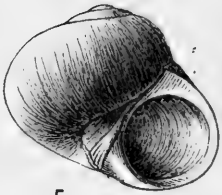


2

3



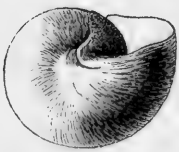
4



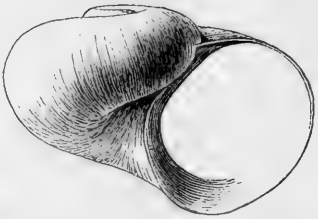
5

6

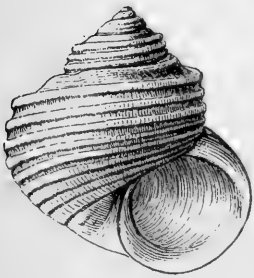
7



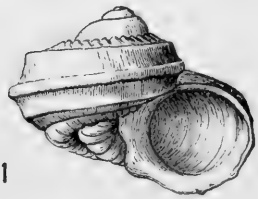
8



9



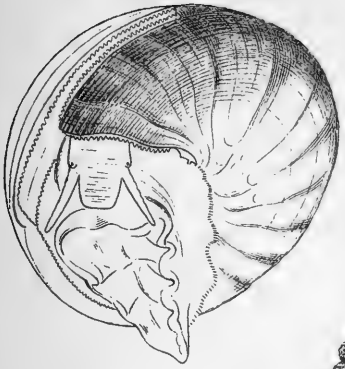
10



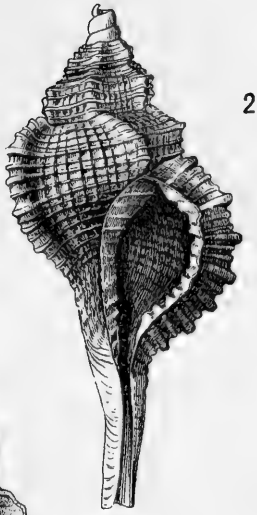
11

McConnell del.

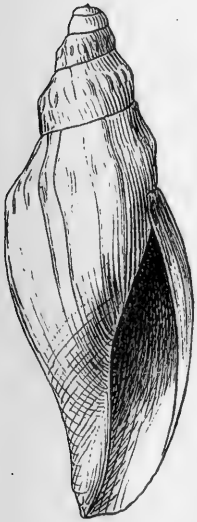
Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



1



2

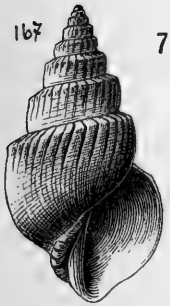


3

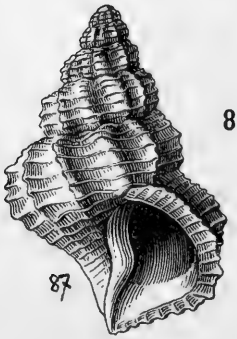
4

5

6



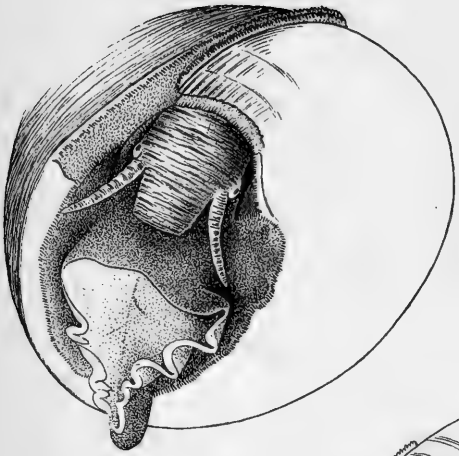
7



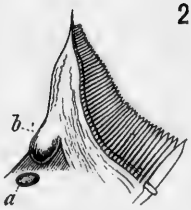
8

McConnell del.

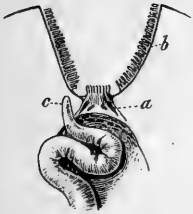
Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



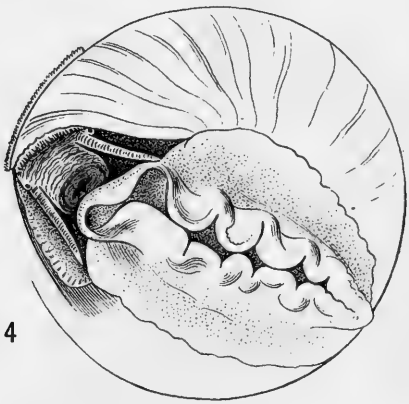
1



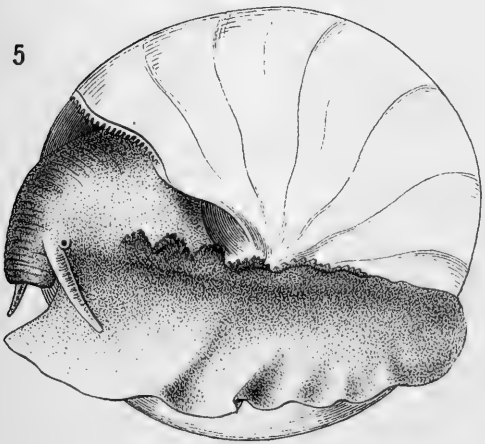
2



3



4

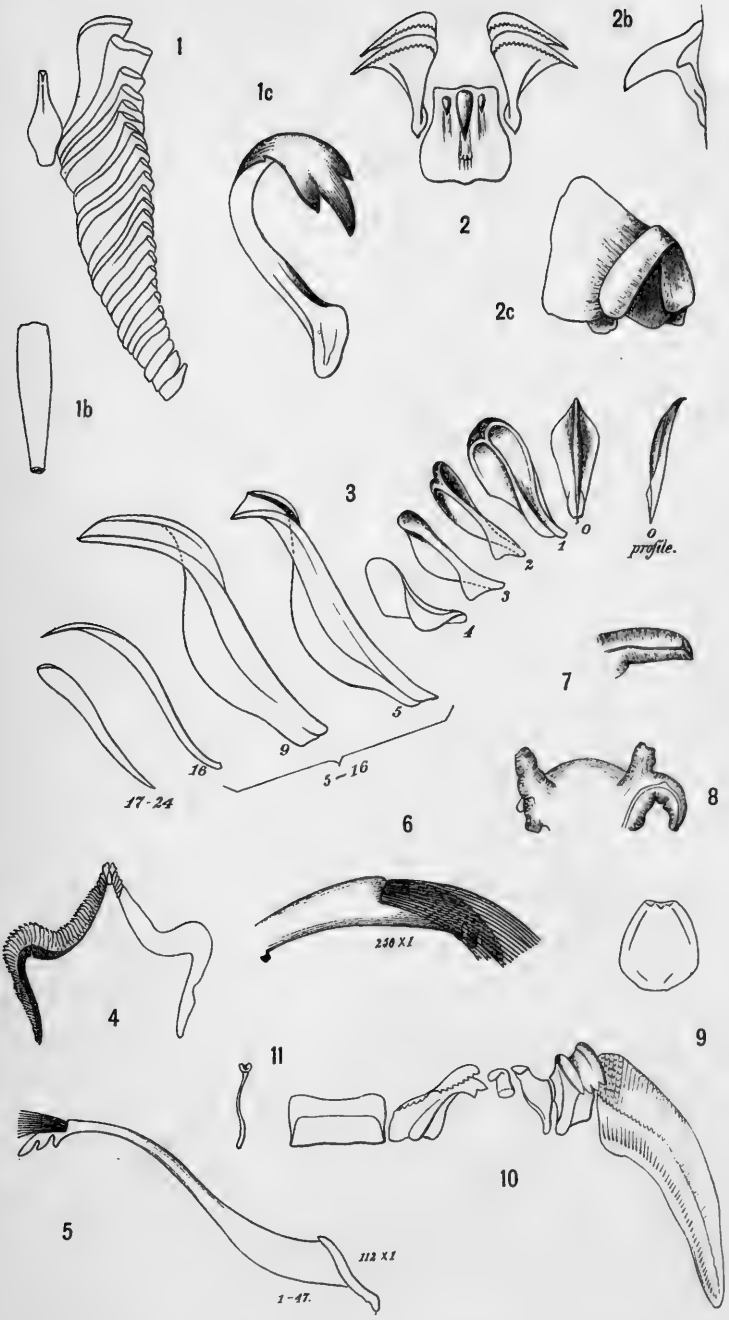


5

6

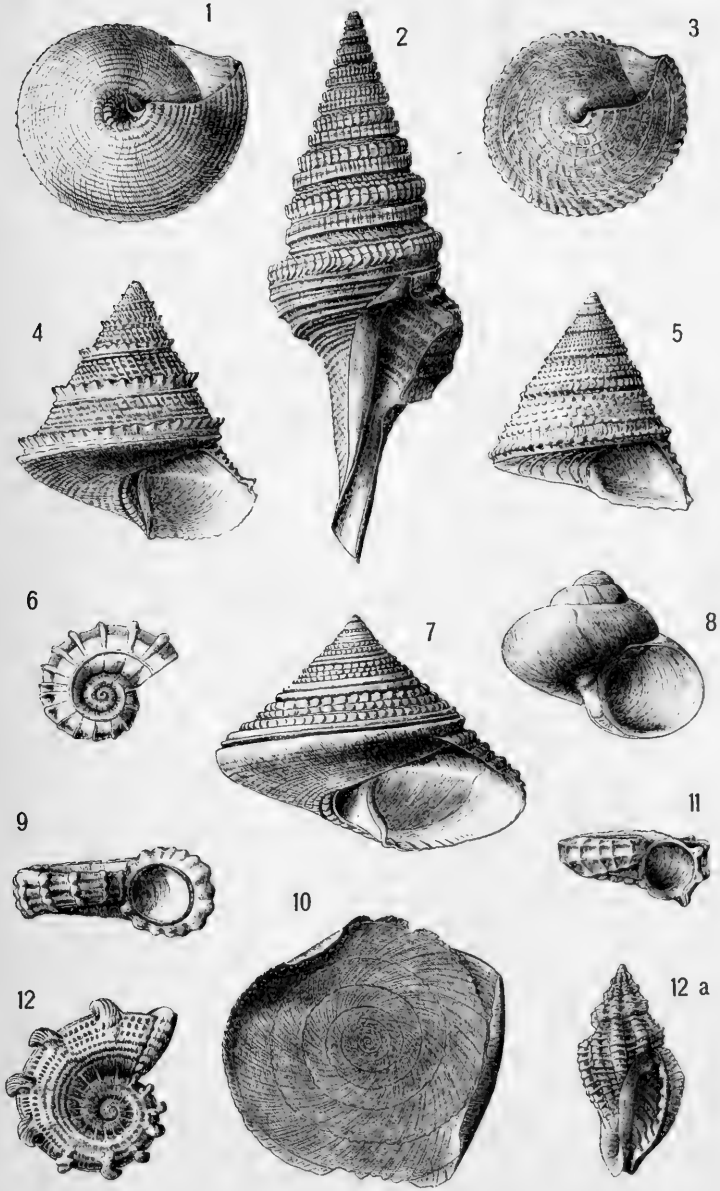
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



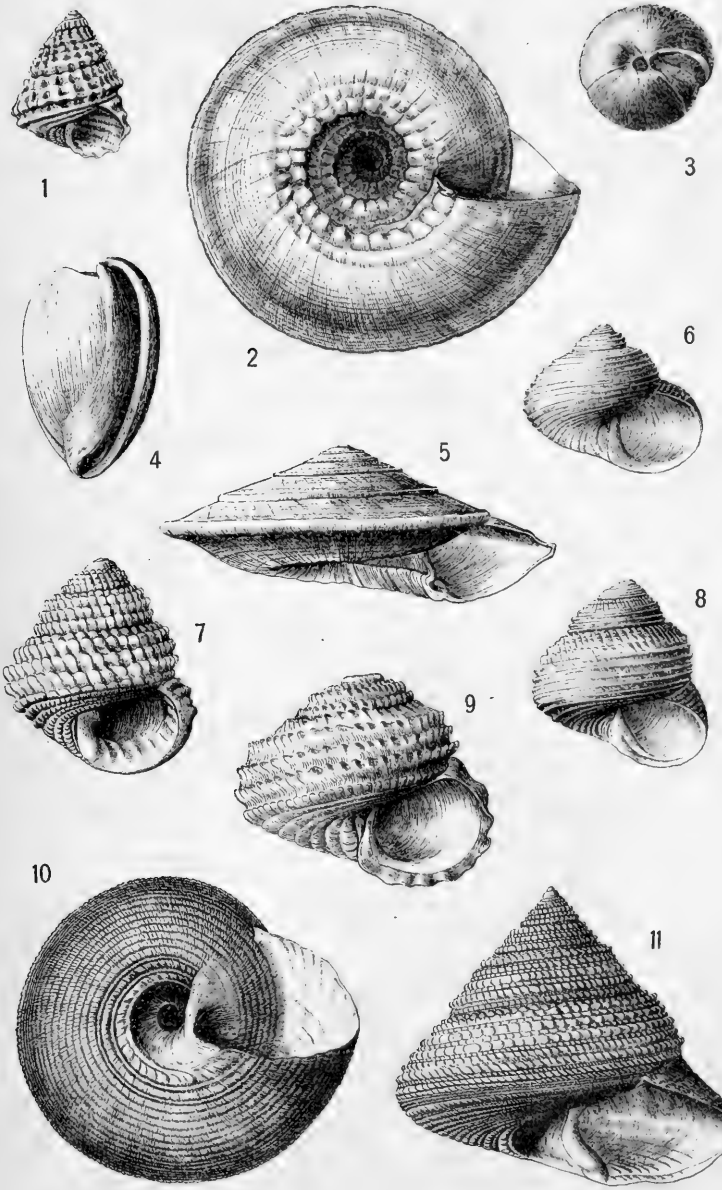
McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



McConnell del.

Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.

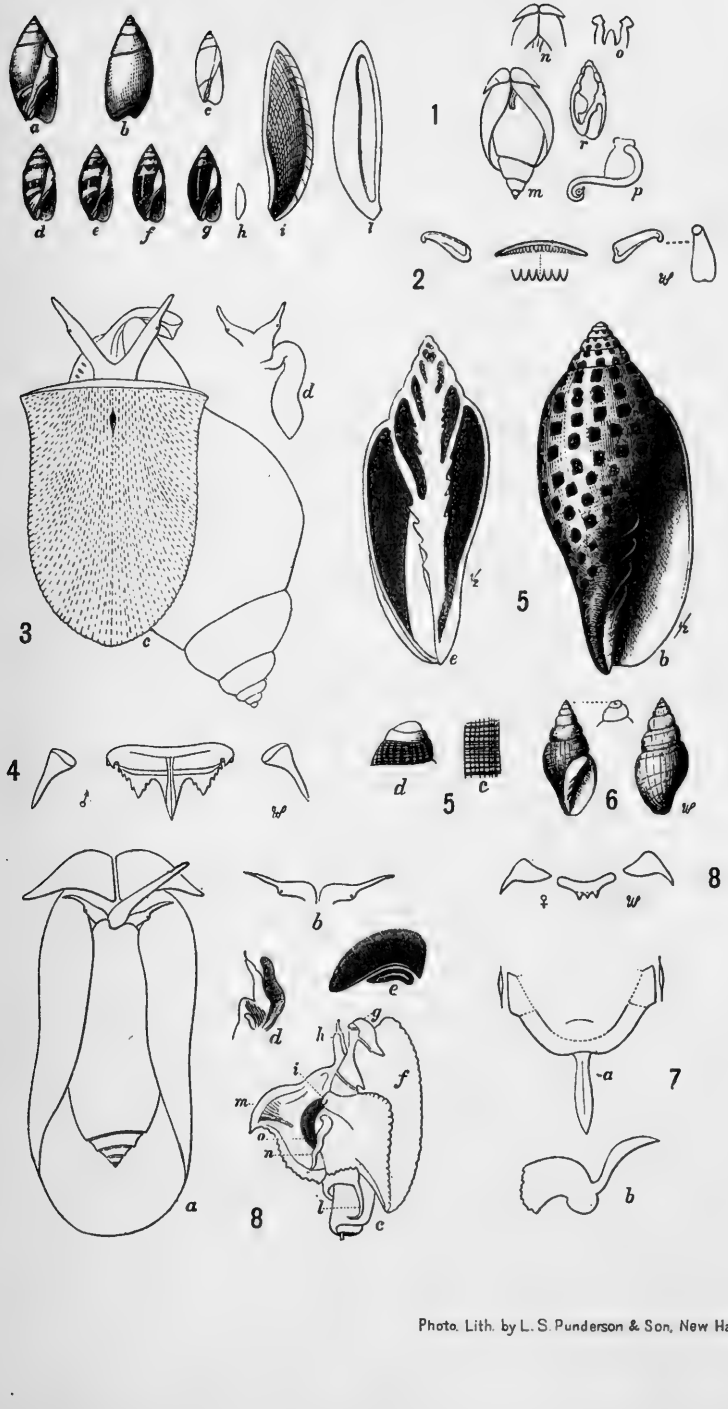
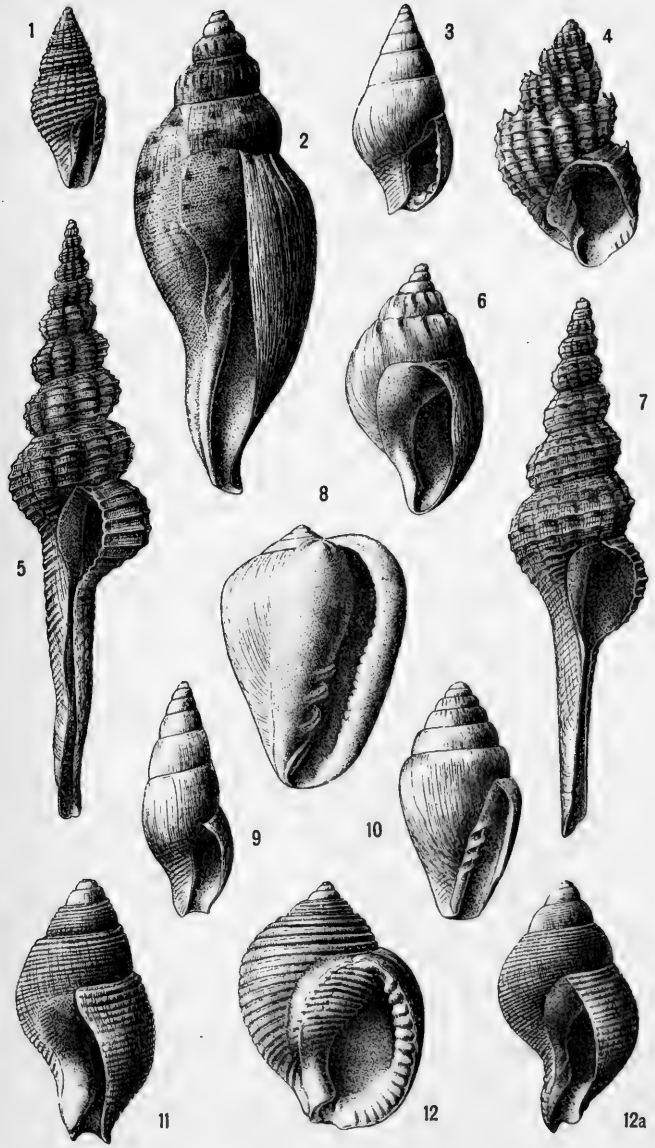
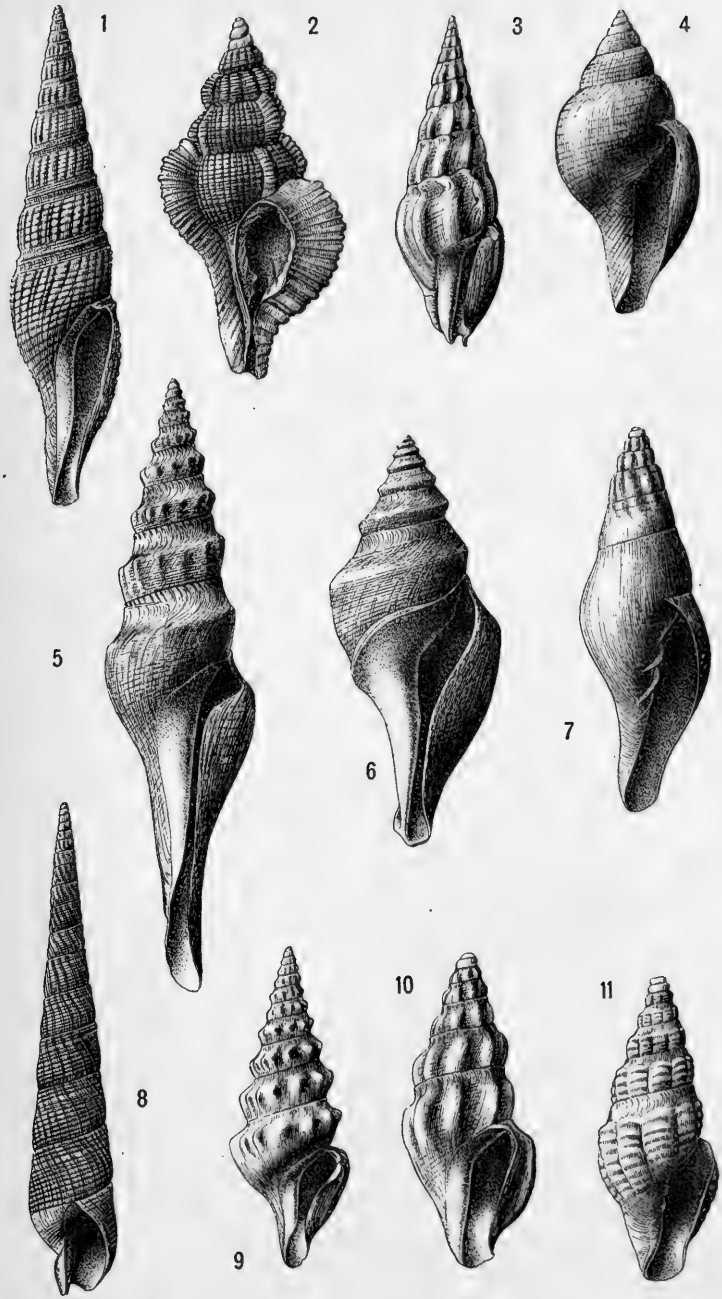


Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.



McConnell del.

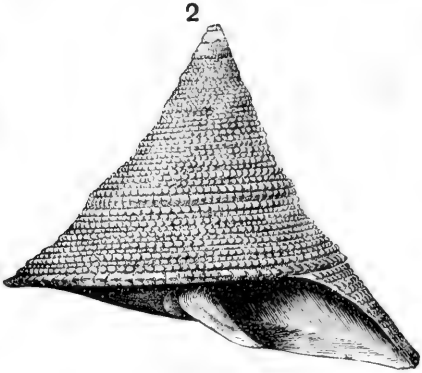
Photo. Lith by L. S. Punderson & Son, New Haven, Conn



McConnell del.

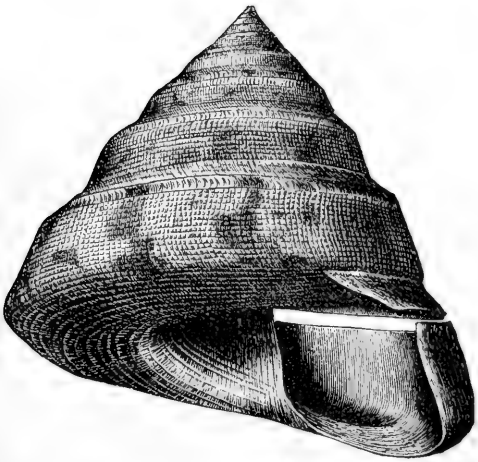
Photo. Lith. by L. S. Punderson & Son, New Haven, Conn.

1

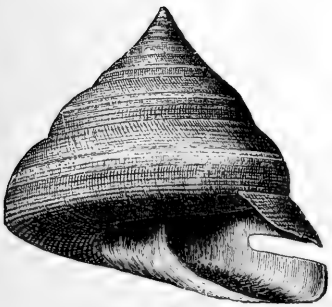


2

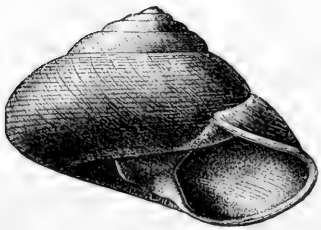
3



4



5

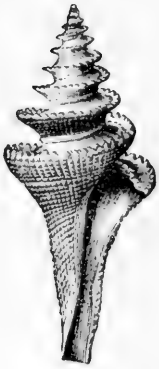


6

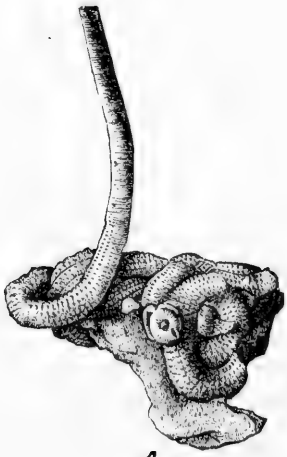
McConnell del.

1

2



3



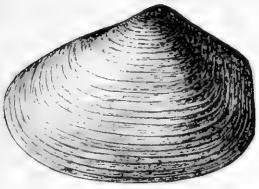
4

5

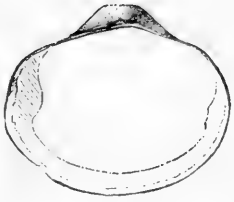
6

7

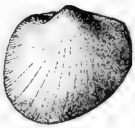
McConnell del.



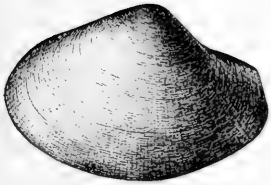
1



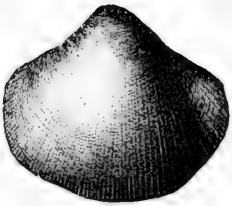
2



4

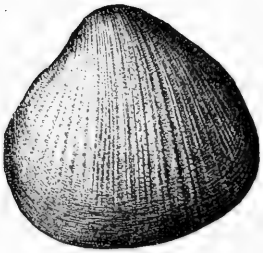


3

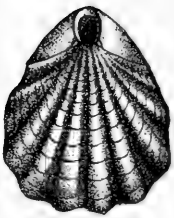


5

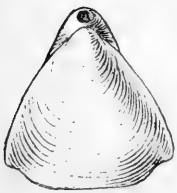
6



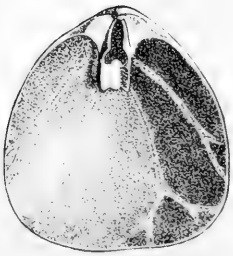
7



8



9



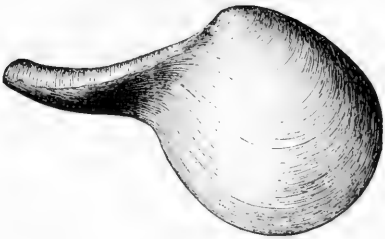
10

11

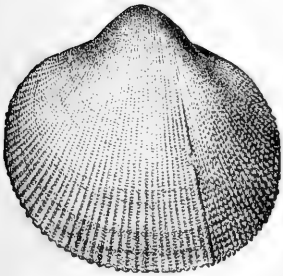
McConnell del.

1

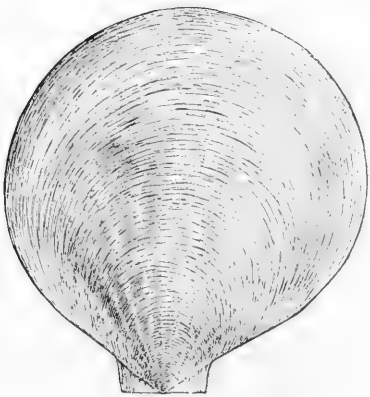
2



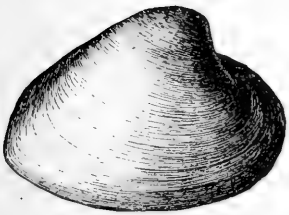
3



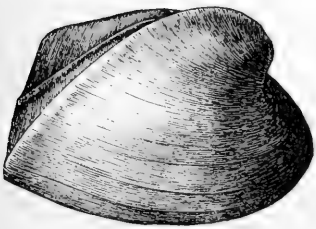
4



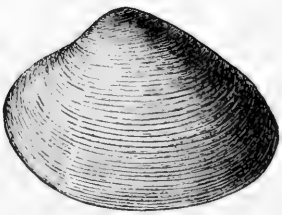
6



5

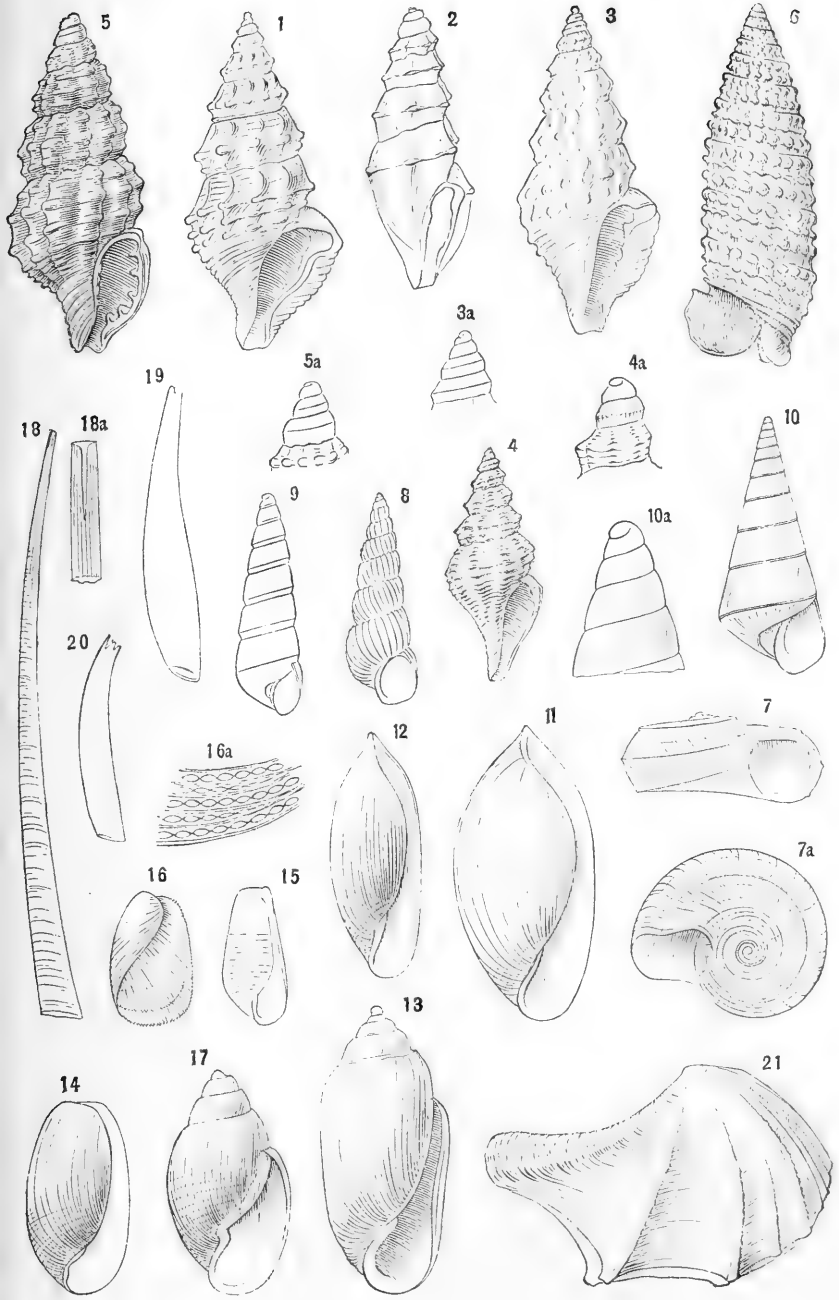


7

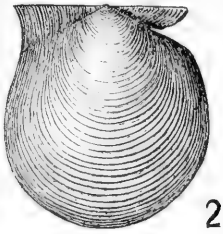


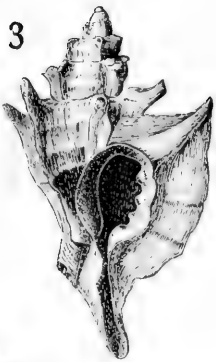
8

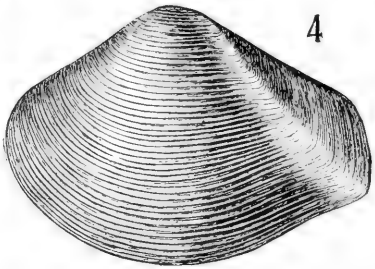
McConnell del.

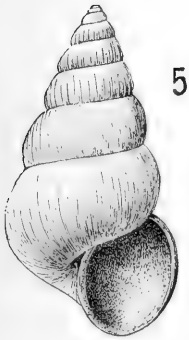

5
1
2
3
6
3a
5a
4a
19
18
18a
4
9
8
10
10a
20
16a
12
11
7
7a
16
15
13
14
17
21

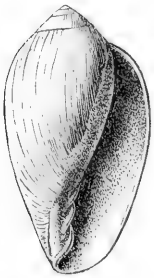
1


2


3

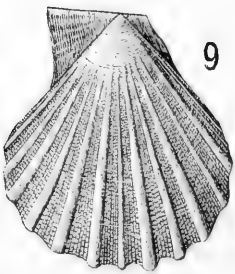

4

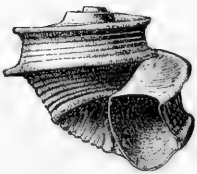

5

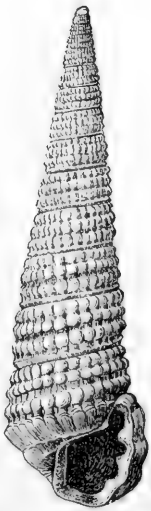

6

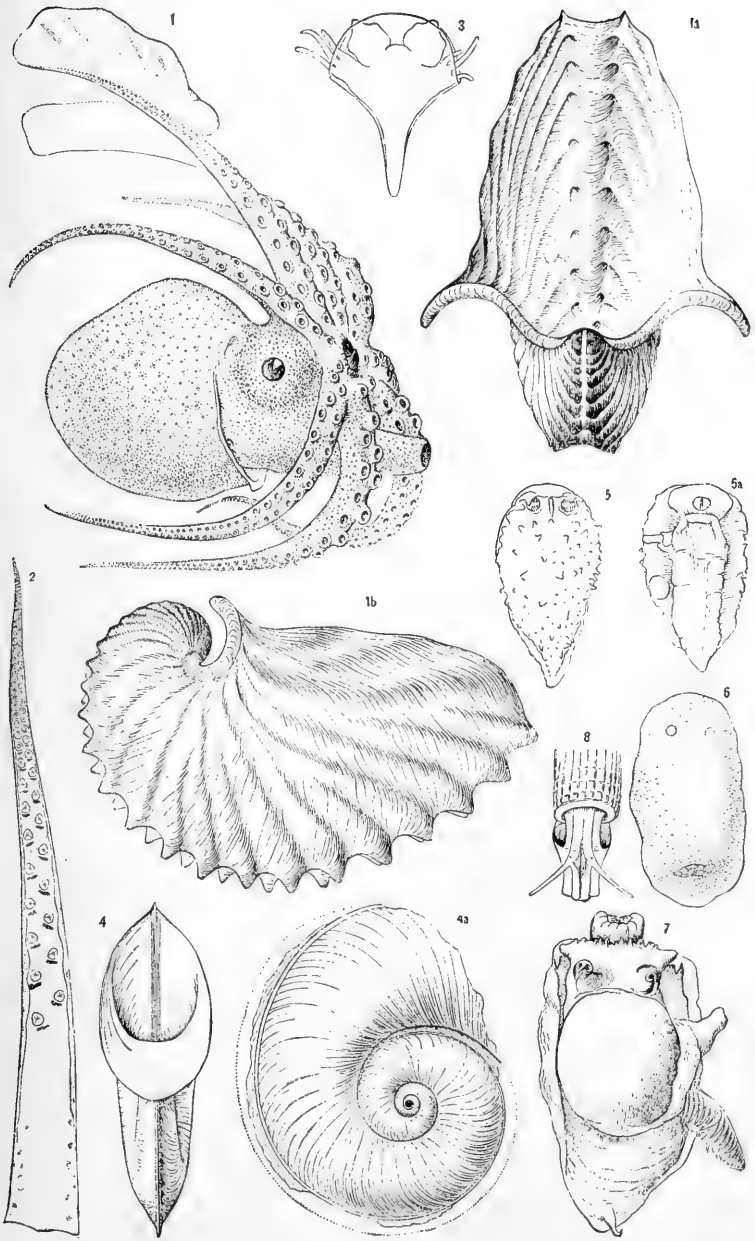
7

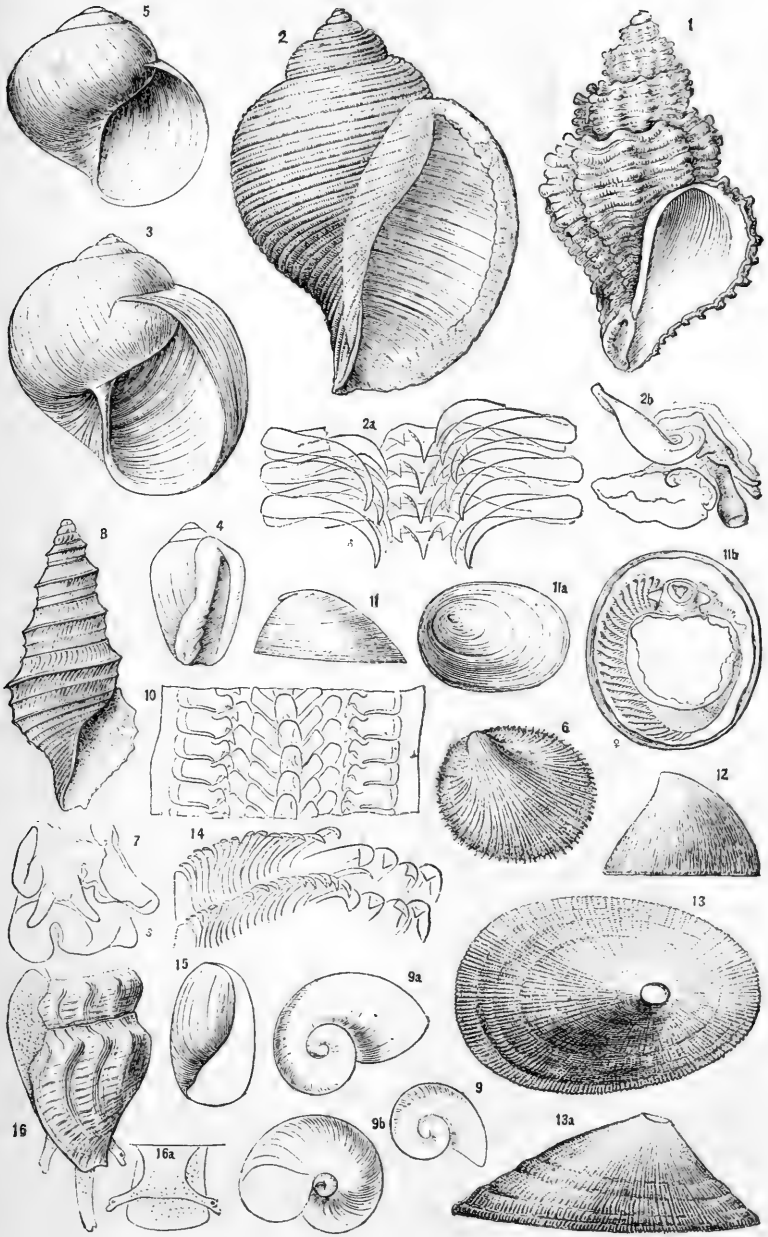
8

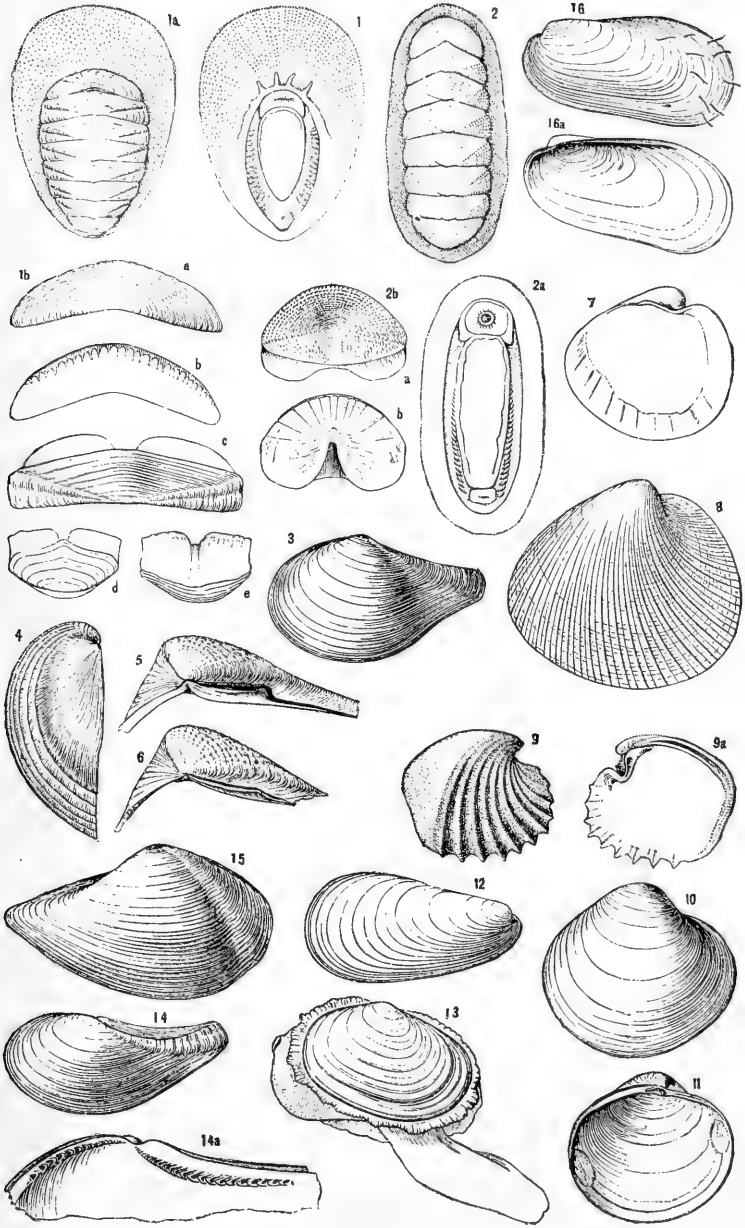

9

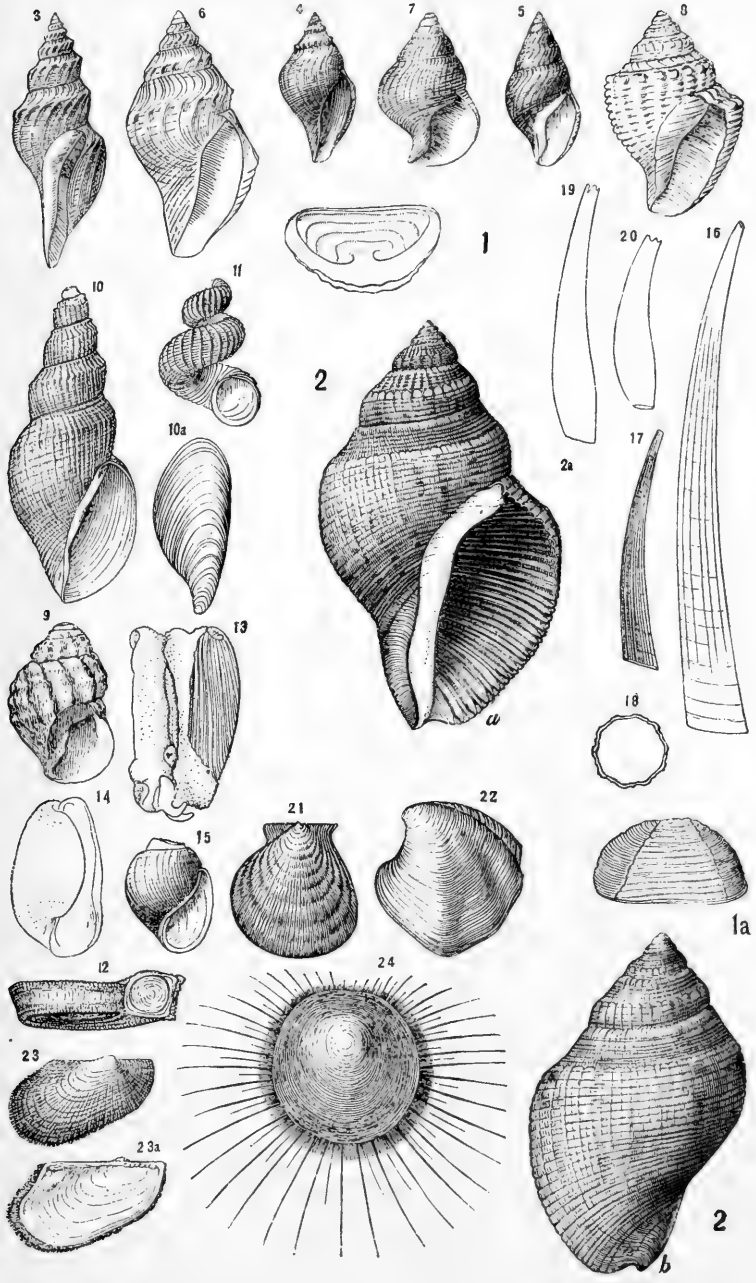

11


10


1
3
1a
5
5a
2
1b
6
8
4
4a
7


5
2
1
3
2b
2a
8
4
11b
11
11a
10
6
12
7
14
13
15
9a
9
16
9b
13a
16a


1a
1
2
16
16a
1b
a
b
c
2b
a
b
2a
7
d
e
3
8
4
5
6
9
9a
15
12
10
14
13
11
14a


3
6
4
7
5
8
1
19
20
16
10
11
2
10a
2a
17
9
13
a
18
14
21
22
15
1a
12
24
23
23a
2
b

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

1

2

3

4

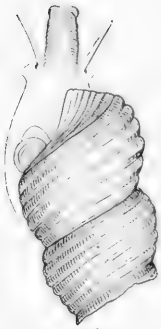
5

6

7

8

9

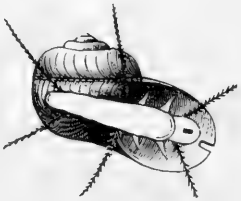

10

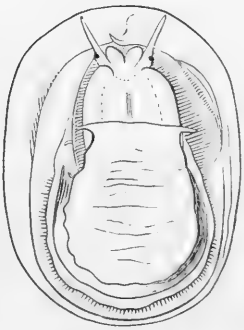
11

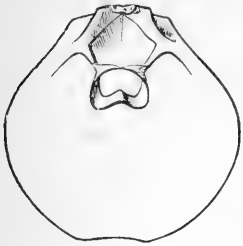
12

13

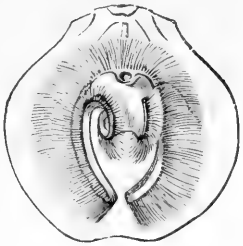
14


15

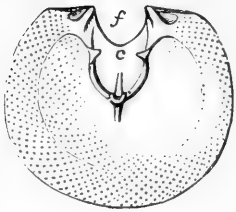

16



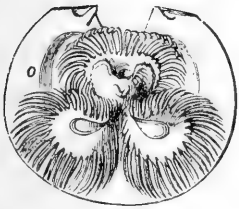
1



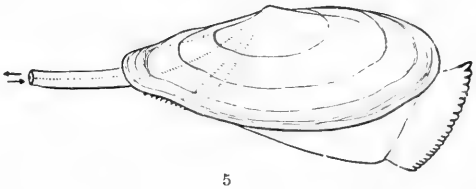
2



3



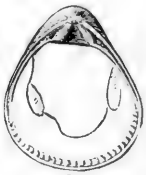
4



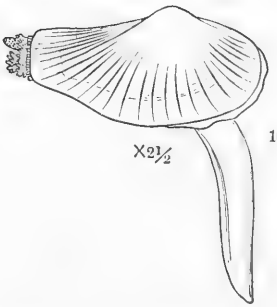
5

6

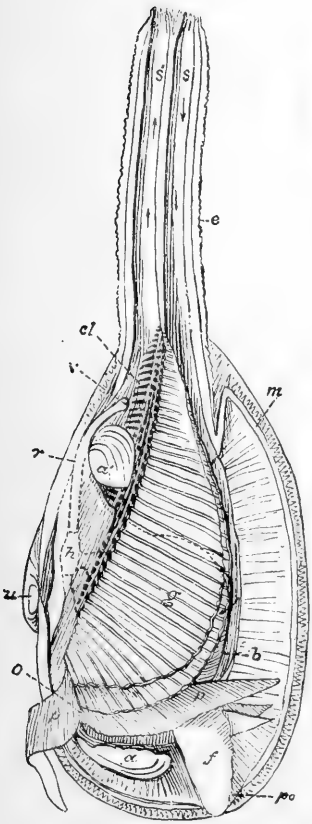
7



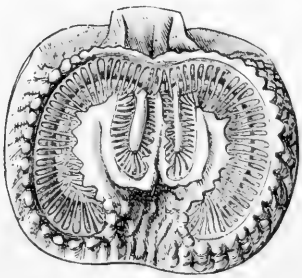
8



10



9



11

1

2

No. 785
3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

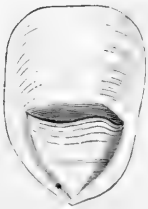
21

22

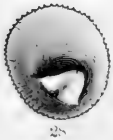
23

24

25


26

27


28

1

2 3

4

5

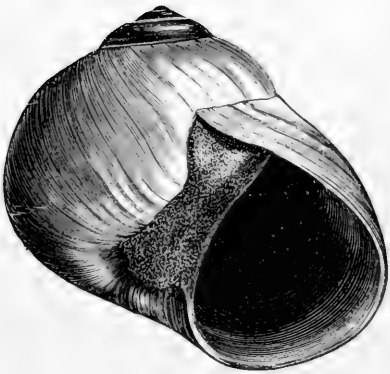
6

7 8

9

10

11



12

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

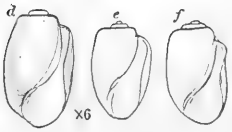
21

22

23

24

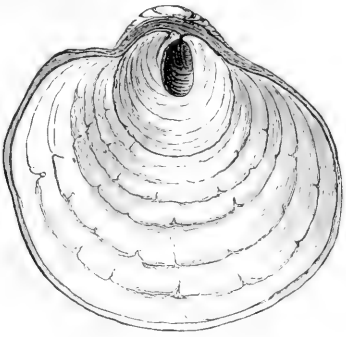
25



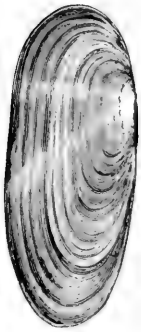
26

27

1

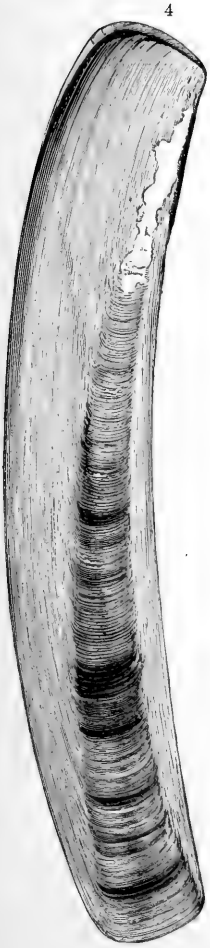


2



3

4



5

6

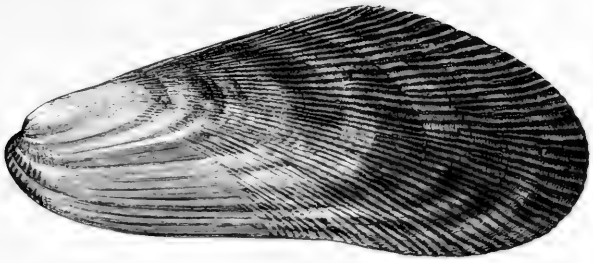
7

8

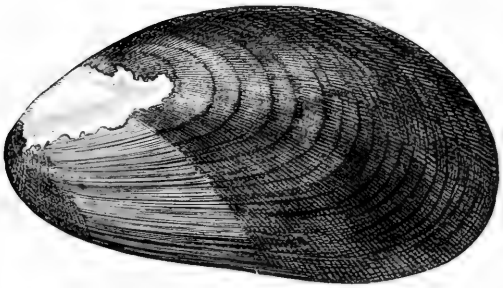
9

10

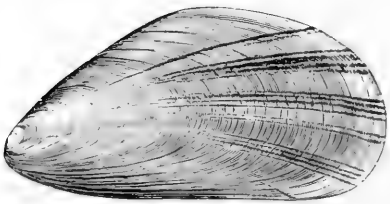
11



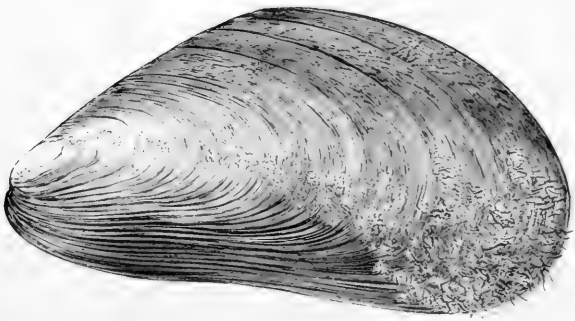
1



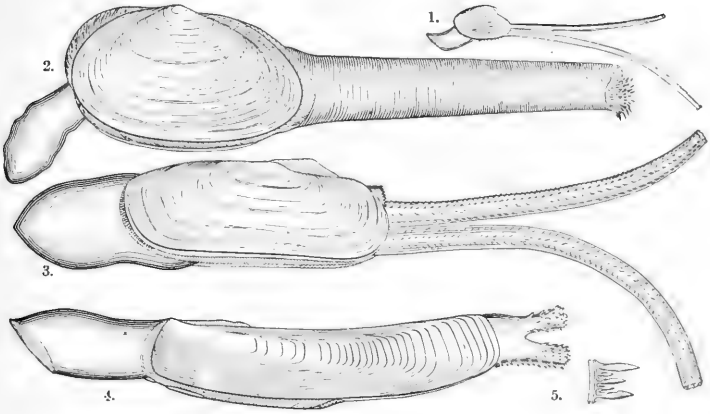
2

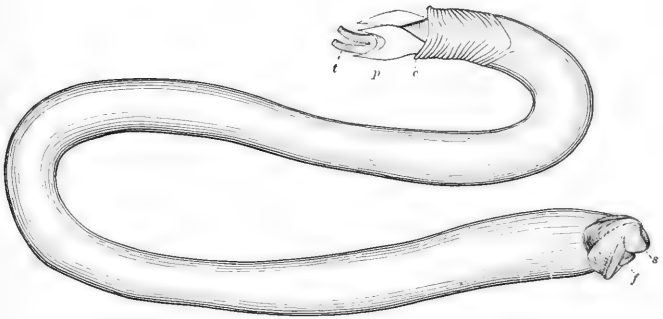


3

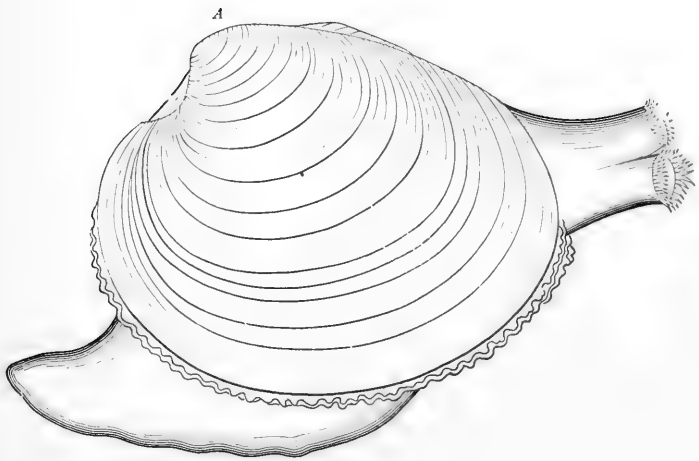


4

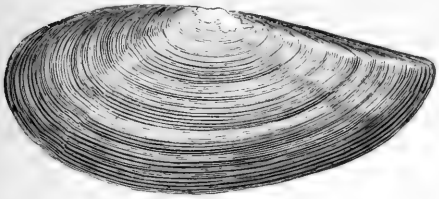


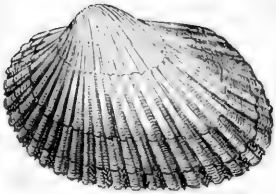


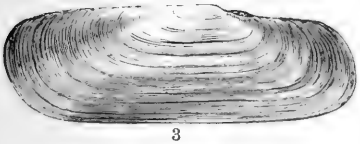
6



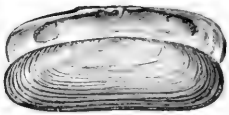
7

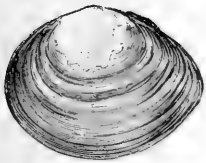

1


2


3

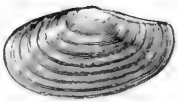
4

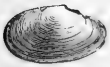

5


6

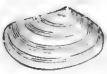
7

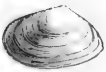
8


9

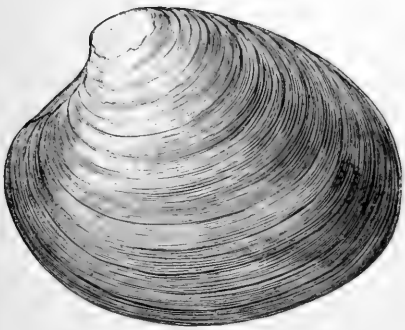

10

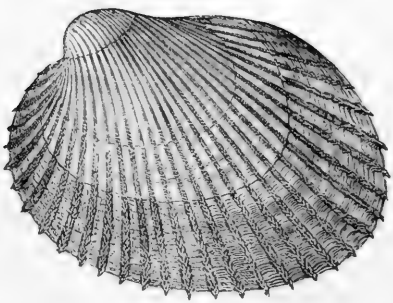
11

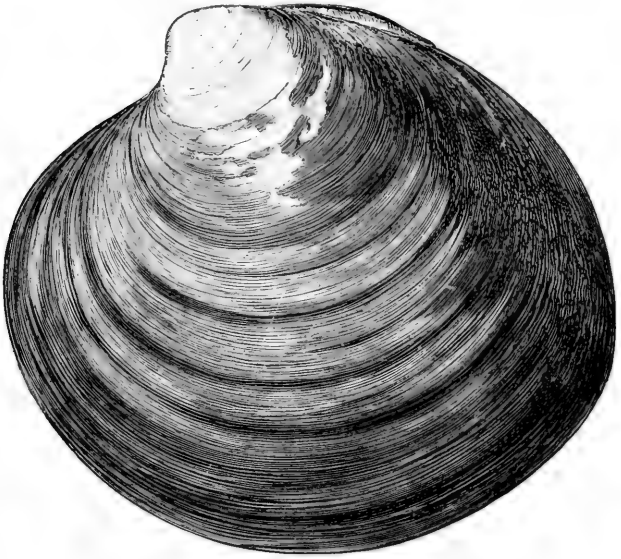

12


13

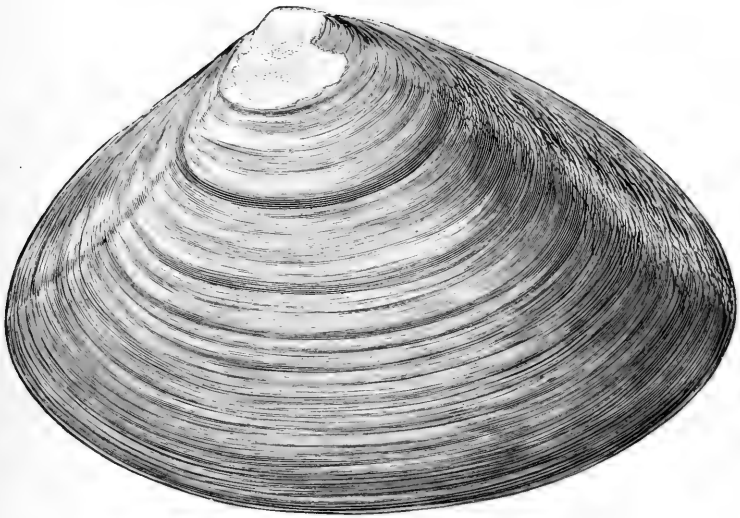
14


15


16



1



2

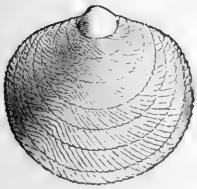
1

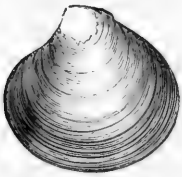
2

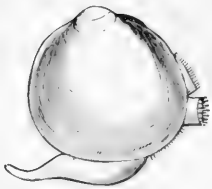
3

4

5

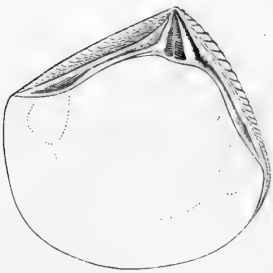

6


7


8

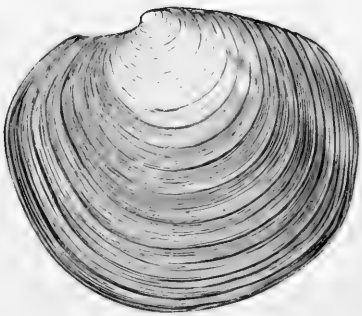
9

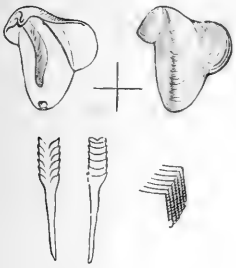
10


11

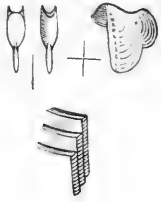
12

13

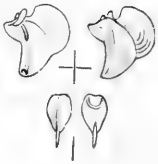

14



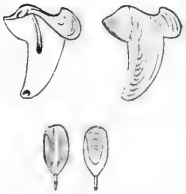
1



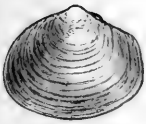
2



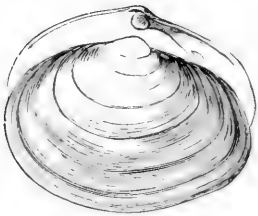
3



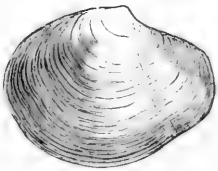
4



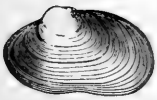
5



6



7



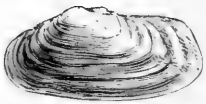
8

9

10

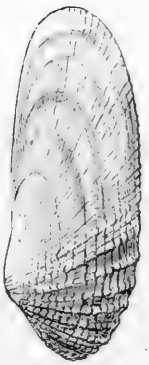
11

12

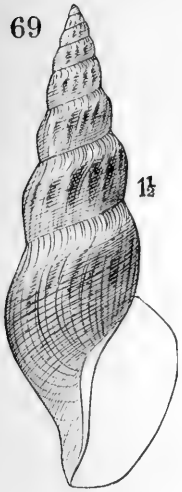


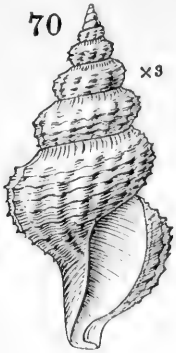
13

14



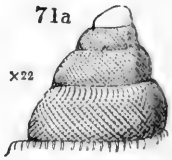
15

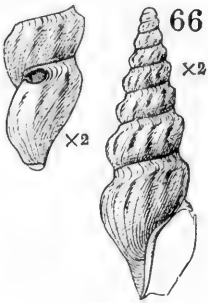

69
1½

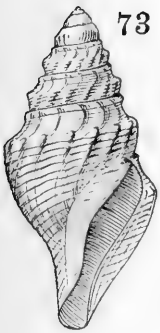

70
×3

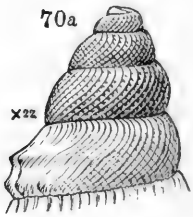
71
×6

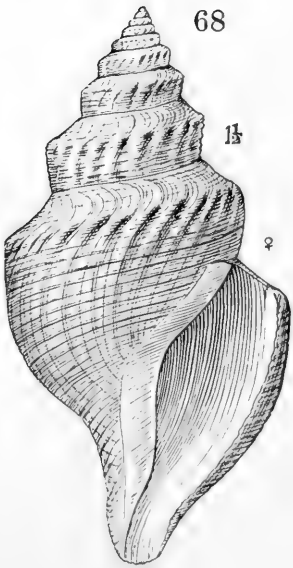
72
×4

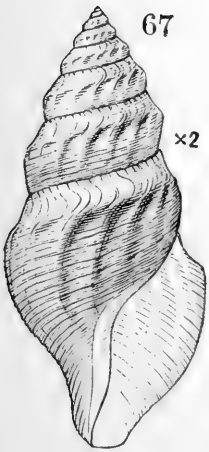

71a
×22

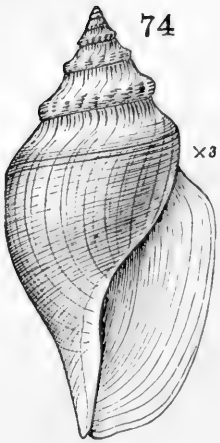

66a
×2
66
×2

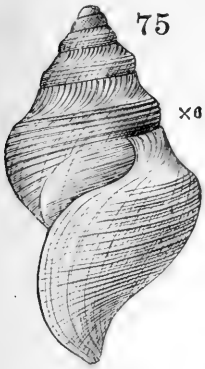

73


70a
×22

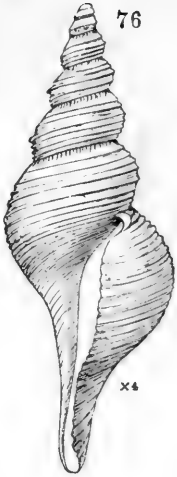

68
1½
♀

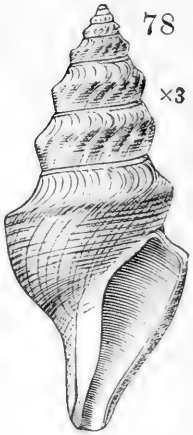

67
×2


74
×3


75
×6

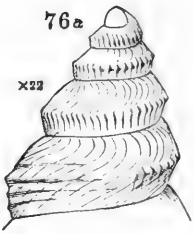
77
×8


76
×4

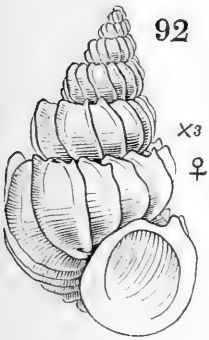

78
×3

86
×8

93
×6

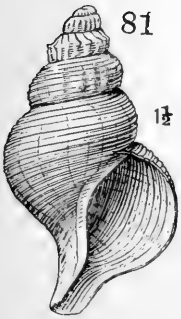

76a
×22

82
×2

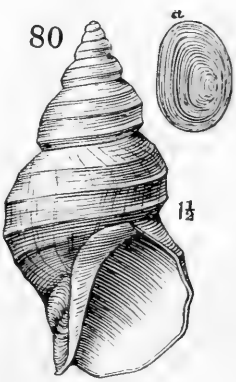

92
×3
♀

94
×8

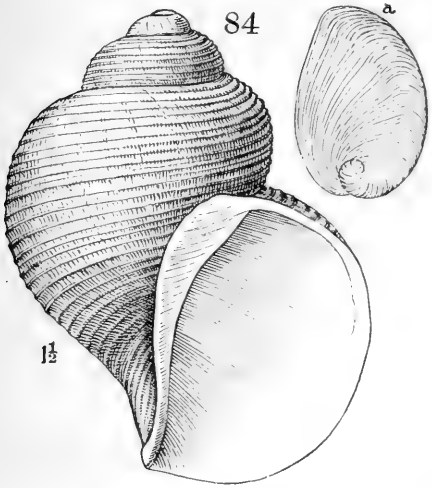
×2
79

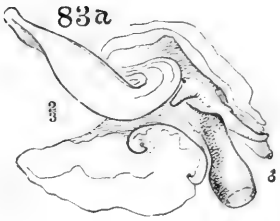

81
1½

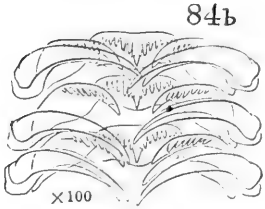
90

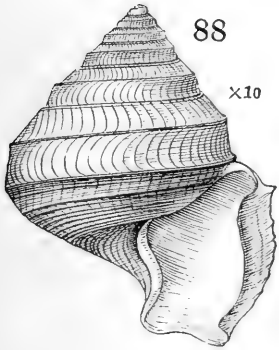

80
a
1½

91
×6

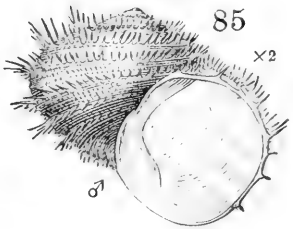

84
a
1½

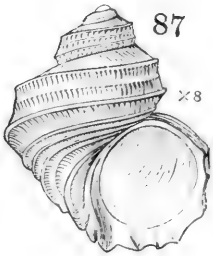

83a
♀
♂

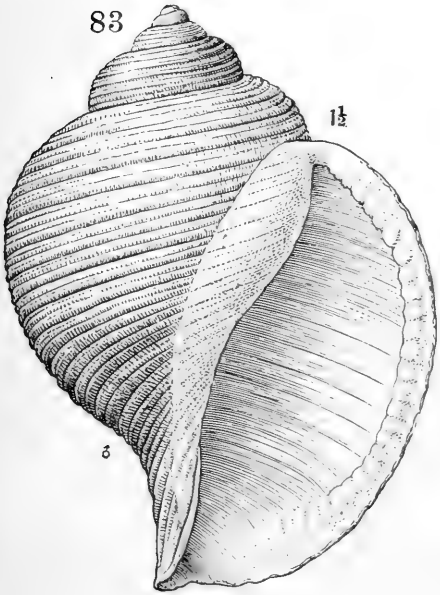

84b
×100

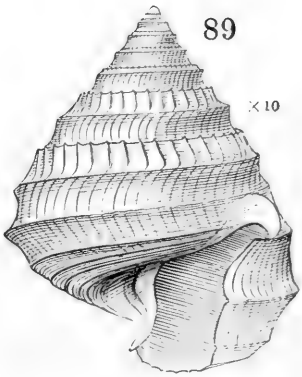

88
×10

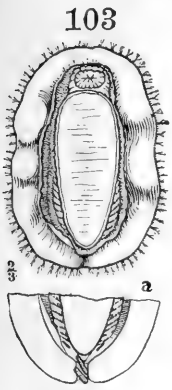
88a


85
×2
♂

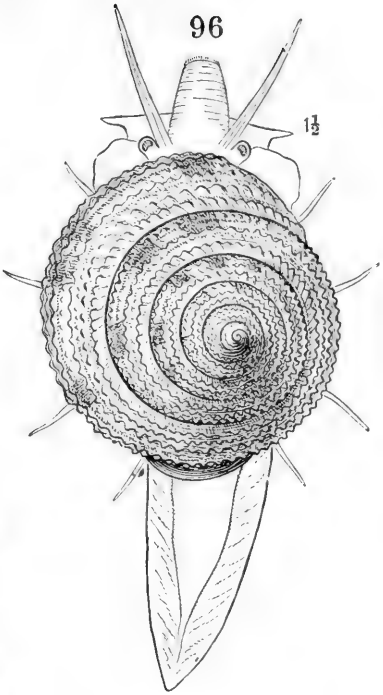

87
×8

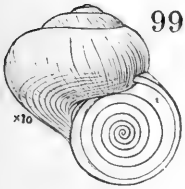

83
1½
♂

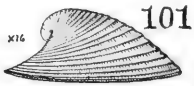

89
×10

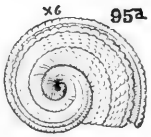

103
a

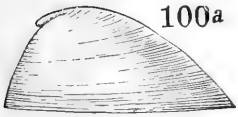
104
×4

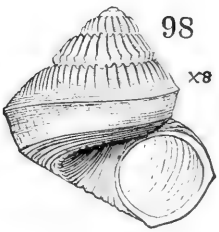

96
1½

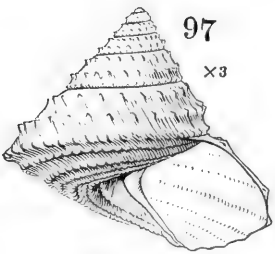

99
×10

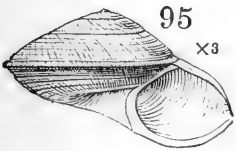

101
×16

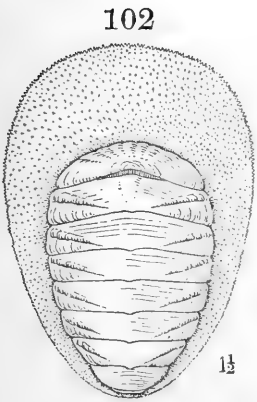

×6
95a


100a

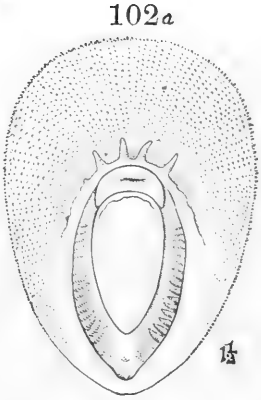

98
×8

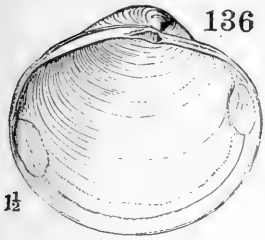

97
×3


95
×3

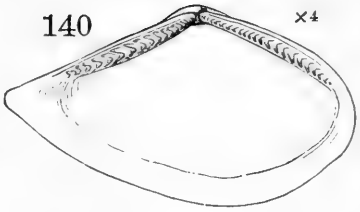

102
1½

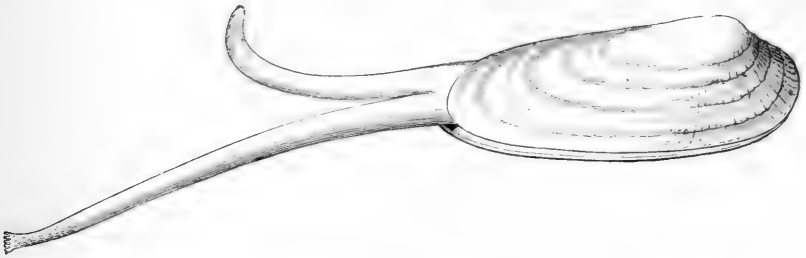
100
×3
♀


102a
1½

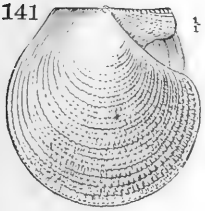


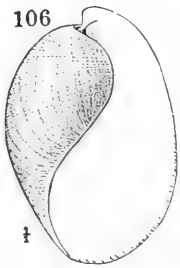
136a

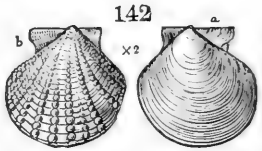


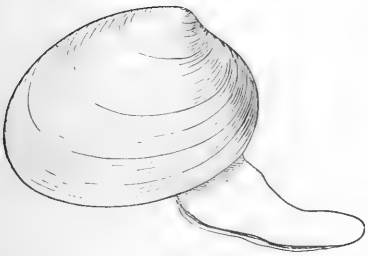


140a

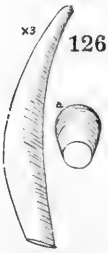


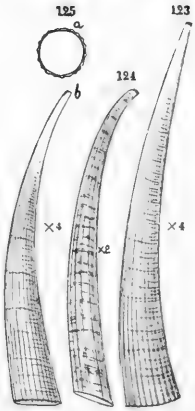


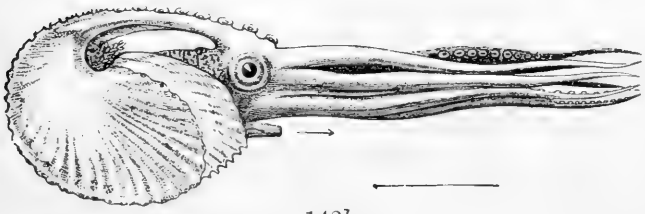




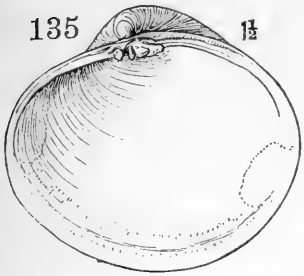
142a



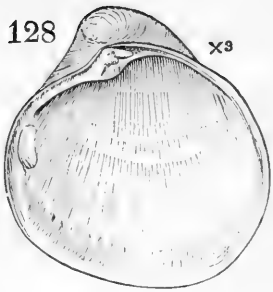


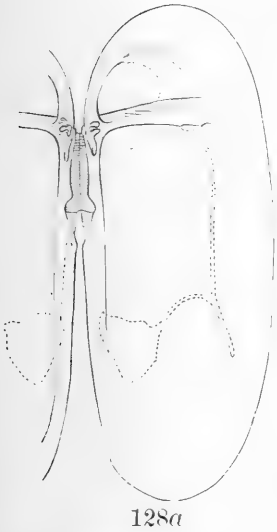


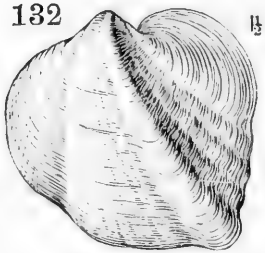
142b

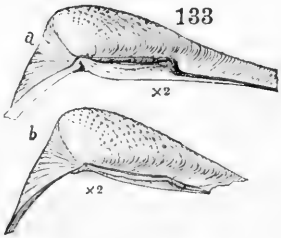

135
1½

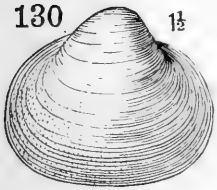
127
½

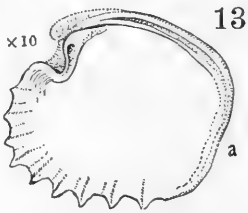

128
×3

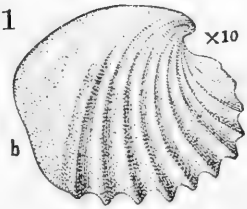

128a

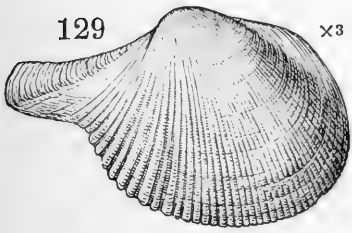

132
1½

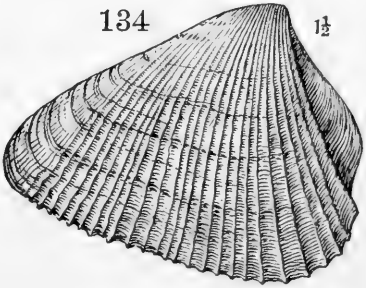

133
a
×2
b
×2


130
1½


×10
a

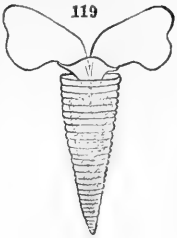

131
×10
b

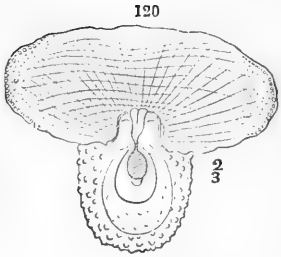

129
×3

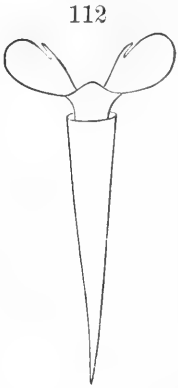

134
1½

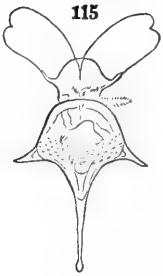
118

117

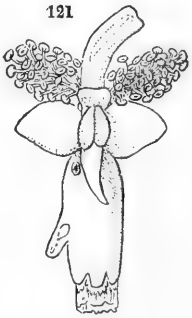

119

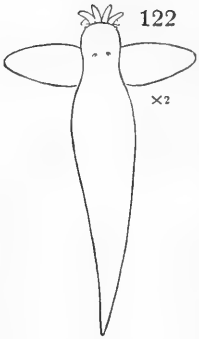

120
2/3

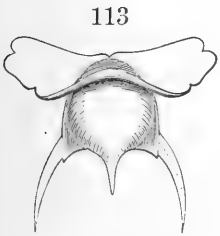

112

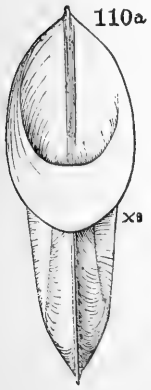

115

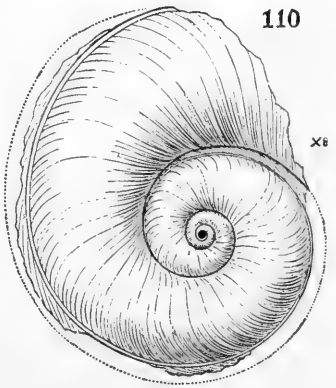
116

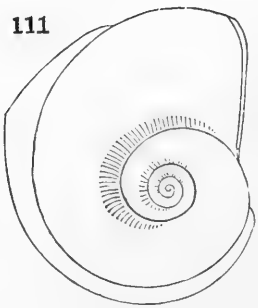

121

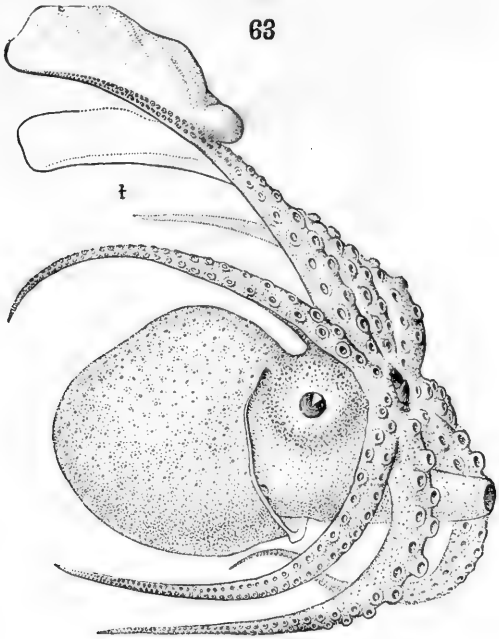

122
×2

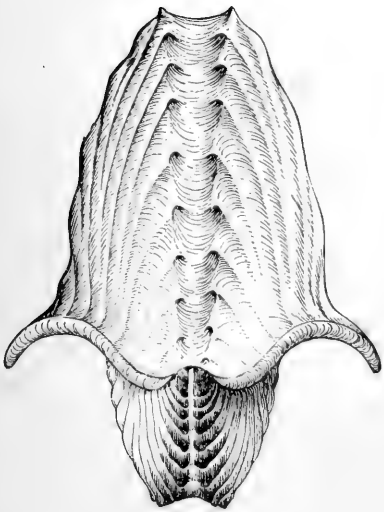

113

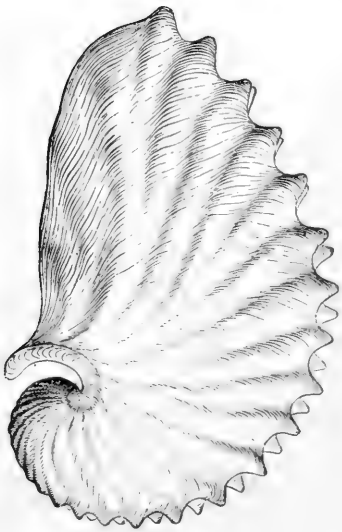

110a
×3

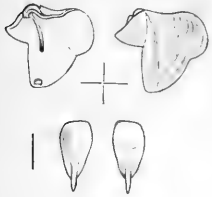

110
×6


111

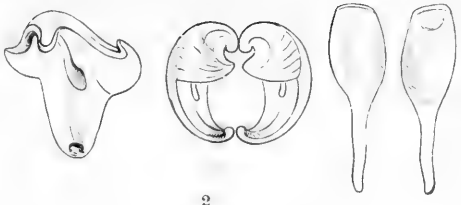

63
t



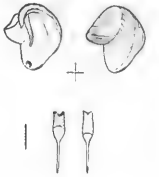




1



2



3

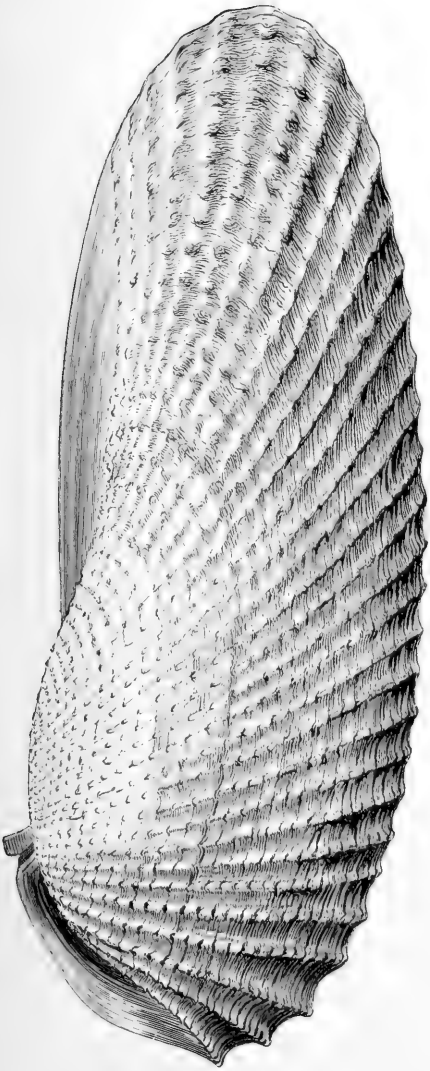
4

5

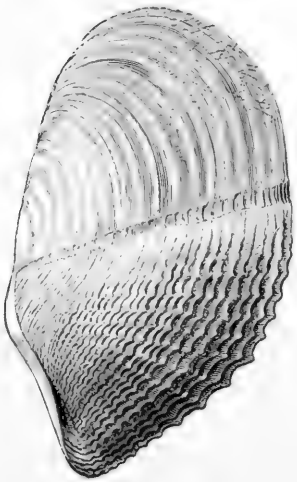
6

7

8

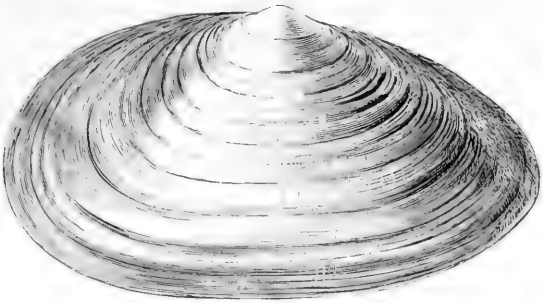


9



10

1



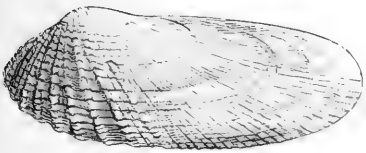
2

3

4

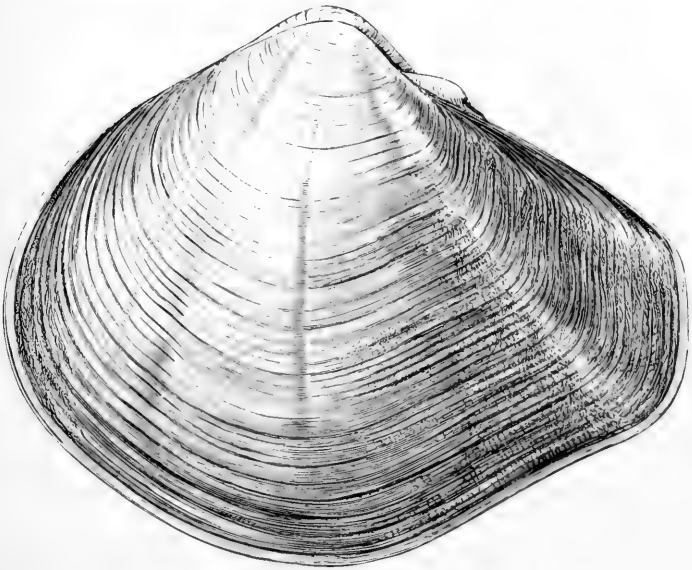
5

6

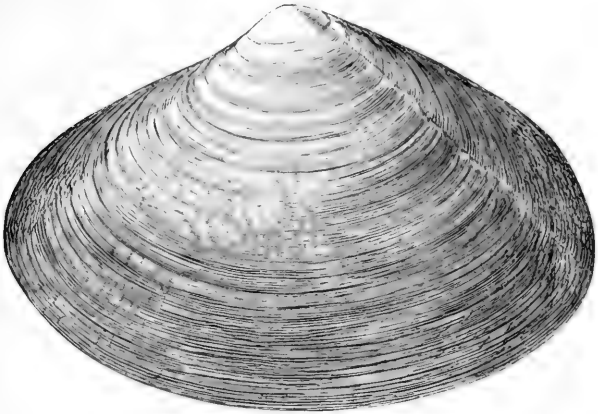


7

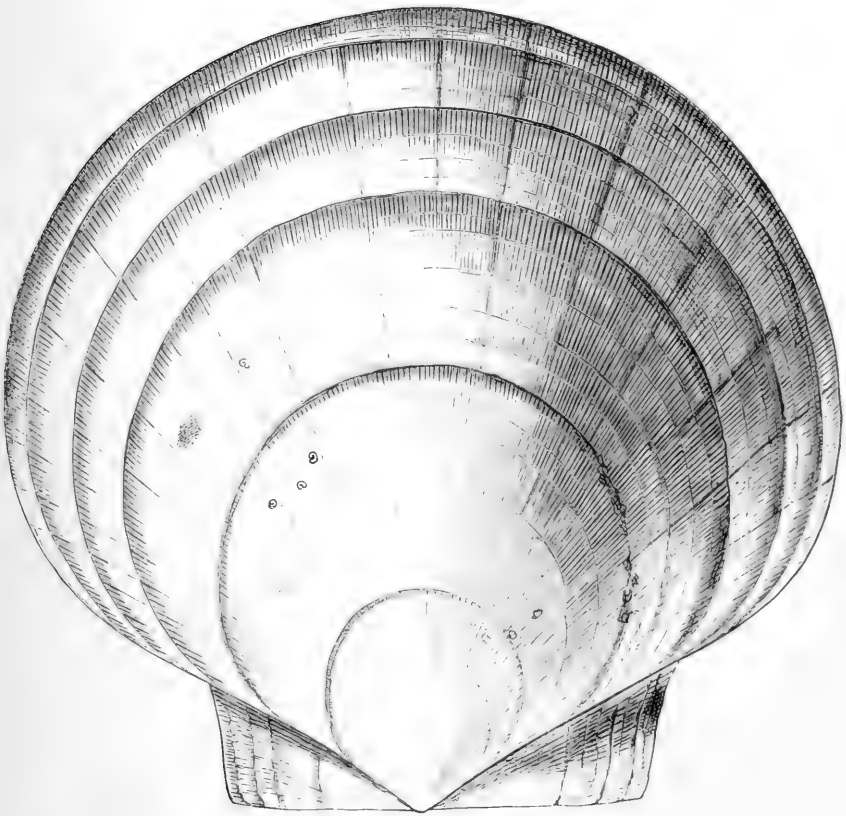
8



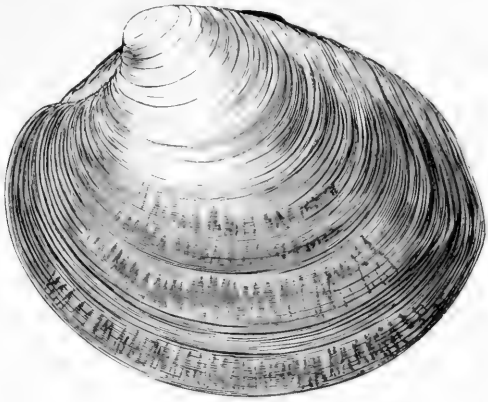
9



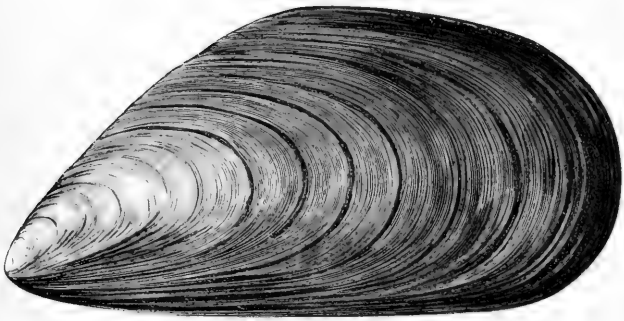
1



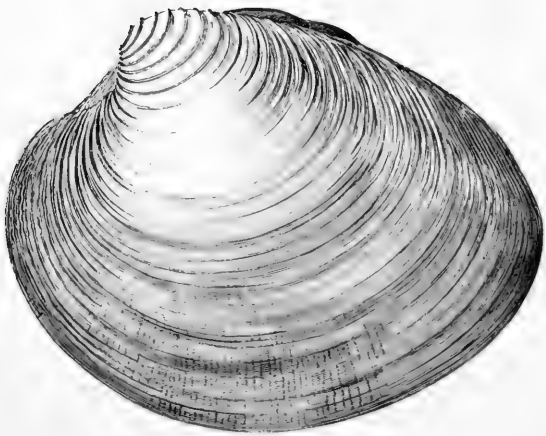
2



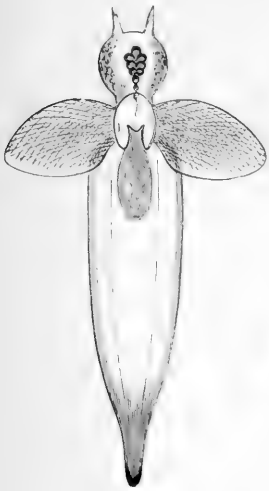
1



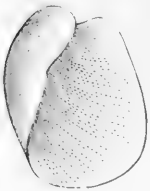
2



3


1

2


3

4

5

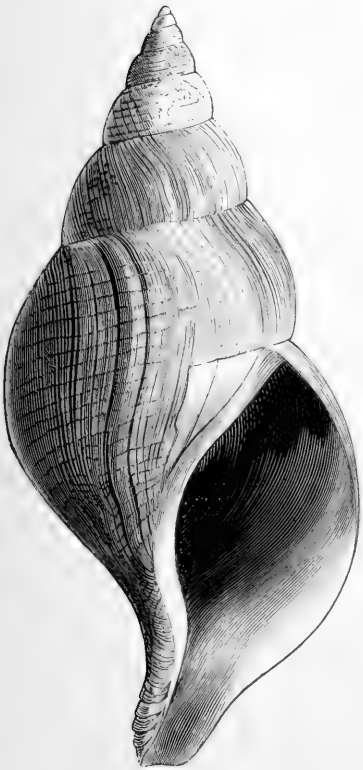
6

7

8

9

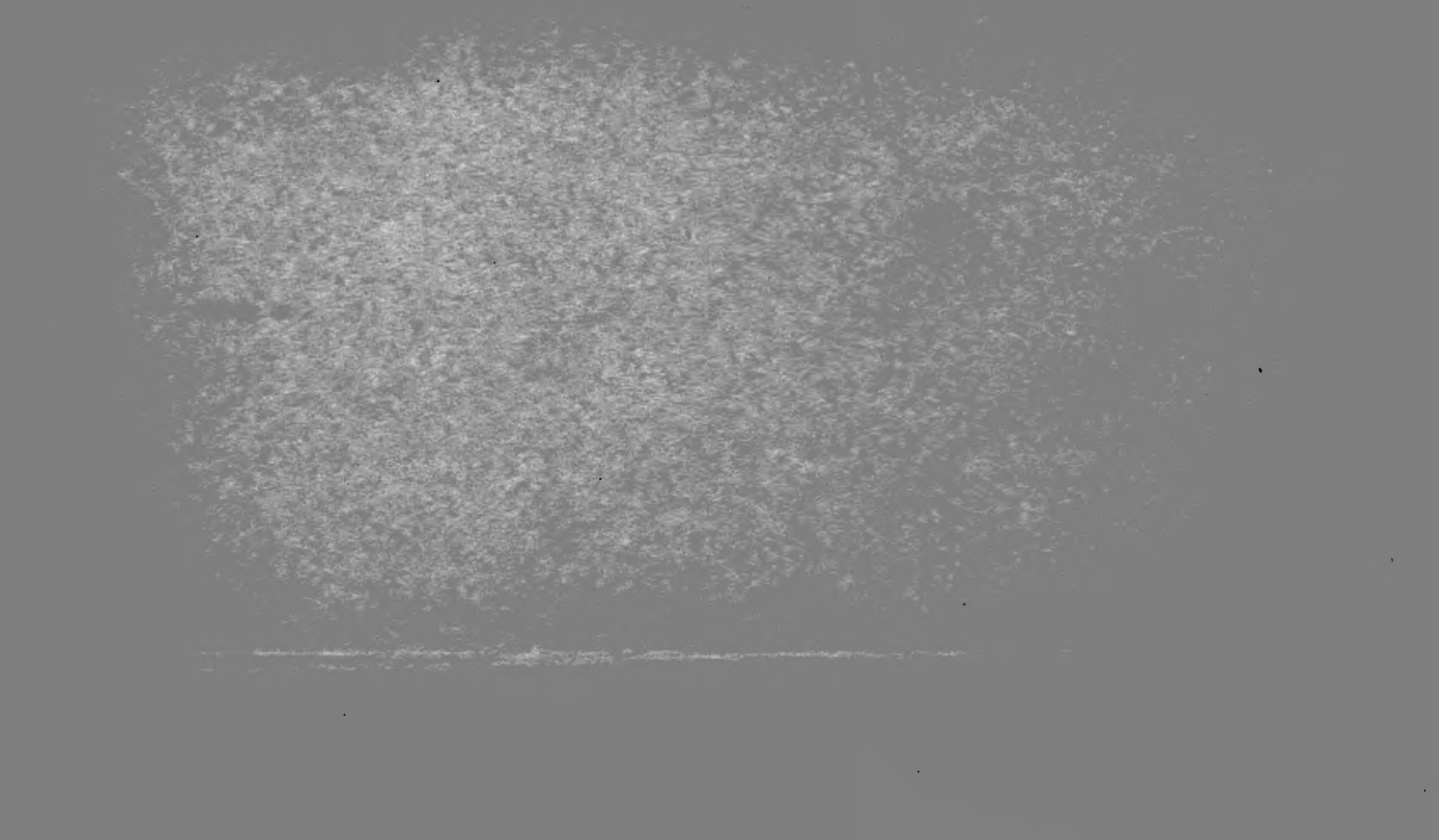
10


11

12

1

1



SMITHSONIAN INSTITUTION LIBRARIES
3 9088 01421 0694